CATALOG
115
HEYCO

Dedicated to the memory of William H. Jemison

HEYCO

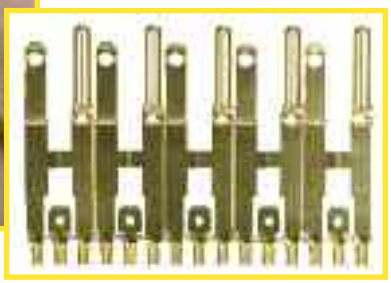
Solar Panel Array and Solar Masthead® II Cordgrips and Heyco-Flex™ I Conduit on the rooftop of Heyco Products, Inc., Toms River, NJ Headquarters and Manufacturing Facility

HEYCO

Facing a Design/Development Challenge? *CONNECT*...with Axcell® Rapid Response

CONNECT...

by using a wide range of Heyco power components that can be refined or modified to suit your specific application needs.



CONNECT...

with in-house tooling development and expertise, and standardized steel mold blocks for speed and cost effectiveness. Our rapid prototyping capability speeds the project along and helps assure your satisfaction.
New! Ask about our nylon/elastomeric HEYCo-molding capability.

CONNECT...

with built-in flexibility to quickly deliver product solutions in colors or a finish that meet your needs perfectly. We even offer customized tops that can include your company logo or trademark.

"Stay Connected with Heyco" Power Components

HEYCO

AXCELL®
Heyco Products, Inc. Brand

1-800-526-4182 • 732-286-1800 (NJ) • FAX: 732-244-8843 • www.heyco.com

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"Stay Connected with Heyco"
Power Components

Heyco® is...

www.Heyco.com

A website designed to keep you informed. Visit us on the web for all the latest product information. You can request free samples and literature, download 3D CAD models of our parts, make an online purchase through our **Credit Card Shopping Cart**, find a distributor near you and search their inventory through our **Distributor Stock Check** service. We even have a **Competitor Cross Reference** search to make switching to Heyco easier than ever! Can't find what you are looking for? Request a custom quote through our **Axcell Products** division. All of this and more is available at **www.heyco.com**!

Outstanding Customer Service

Our Customer Service Personnel are located at our manufacturing facility in Toms River, NJ. Their #1 goal is providing you the best possible service–efficiently and accurately. Stay connected with them to get price quotations, to place an order, to check product availability or even if you just need a sample! Our team has received EXTENSIVE product training and can help you pick the right Heyco® solution for your application. And don't forget to visit **www.heyco.com**. You'll find lots of detailed product information and new features every week!

Molded Components

You know Heyco as the leader in Strain Reliefs and Liquid Tight Cordgrips... but don't forget to look to us for *ALL* your power component needs. From corrugated nylon tubing to conduit fittings, from wire connectors to nylon hardware and plugs, Heyco's got you covered. **New! Ask about our nylon/elastomeric HEYCo-molding capability.**

Business Development Managers

Our Business Development Managers are located in strategic market areas throughout the country. Their job is to assist you in product specification and custom product solutions. Look to them to help you solve your design challenges. You can stay connected with our BDM's through our Inside Customer Service Team, or via e-mail through our website at **www.heyco.com**.

Stamped Components

More than terminals, blades, female contacts and pins! Our modern and efficient high-speed stamping production room can accommodate a large variety of stampings in addition to our core lines of 110V and 220V power components.

Ask about our **labor saving** 2- and 3-up Terminals and NEMA & IEC Bridges; and our **cost reducing** Padded Blade line.

An Extensive Global Distribution Network

Heyco Products are sold direct to manufacturers and through an extensive global distribution network. Ask your Customer Service Representative for the Heyco distributor nearest you, or visit our website at **www.heyco.com** for a complete listing of our distributors in North America and worldwide. Whether you need 100 parts or 10,000, we'll make sure you get what you need!

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SunScreenKit™, HEYClip™, SunRunner® EZ™, SunRunner 4™, SunWrap™, Heyco-Flex™, LugRunners™, SunJumpers™, SunClamp™, SunStars™, SunScreen™, Pigtail™, Break-Thru™, HEYbrid™, HEYCo-molded™, Lockit™, The Strain Reliever™, HEYClean™, HEYConnect™, HEYCap™, TEMPlugs™, and HEYlock™ are trademarks of Heyco Products, Inc.
Romex® is a registered trademark of Southwire Company.

HEYCO

A Glimpse Inside Heyco®...

Closed Loop, Precision Injection Molding

Heyco's molded manufacturing area includes over 22,000 square feet of climate controlled manufacturing space designed for efficient material flow. More than twenty state-of-the-art closed loop injection molding machines employ the latest technology that continually monitors the molding process. This process, combined with our centralized raw material conveying and desiccant drying systems,ensures consistently high quality product. Along with standard 6/6 nylon, Heyco molds polycarbonate high temperature 4/6 nylons, halogen free VO nylon, polypropylene and other materials.

Multi-Component Assembly Machines

High Speed Progressive Die Metal Stamping

Our modern and efficient high-speed stamping production room along with our highly trained technicians, can accommodate a large variety of custom stampings in addition to our core lines of 110V and 220V Power Components. High speed application equipment is available to speed the use of our products and save you money. And, our on-site tool shop provides fast turnaround of tool maintenance, repair, and modification.

Expansive Warehousing

Modern and energy efficient...

HEYCO® Can Custom Color Match Our Plugs, Bushings, and Strain Reliefs to Your Application.

Here's how it works:

Send us a color chip, a sample or an exact description of the color to be matched. We'll match it exactly at our color lab and send you back a color-matched chip for your approval. Once you approve the sample, we nylon mold the part using color concentrate–not dyes. The color concentrate is injection molded with the nylon, producing uniform and consistent colored parts–not just surface color like dyed parts. After careful inspection, your custom color parts are ready for shipment. *It's that easy!*

Furthermore…

We can cost-effectively match and/or satisfy requirements for surface texture including but not limited to patterns or even logos and images.

And now Heyco introduces another way to serve your color needs…

The color concentrates* for the 9 colors below are now **IN STOCK** at Heyco using these color suffix codes.

- **Grey (FK)**
- **Oak (FL)**
- **Gray (FJ)**
- **Sand Stone (EH)**
- **Beige (CS)**
- **Yellow (DD)**
- **Red (CF)**
- **Coca Bean (DQ)**
- **Beige (FI)**

* Colors are approximate. Contact Heyco for molded nylon color chips for accurate matching. See page 6-8 for details.

Heyco's Stock Color Concentrates give you:

- Lower minimum buys on each colored part
- The quickest possible delivery

Consult your Heyco Sales Representative for complete details.

If an EXACT match isn't critical, but getting it RIGHT NOW is... try one of Heyco's stock colors. *It may be just what you need.*

Type 6/6 Nylon...

is widely used in applications requiring high strength, chemical resistance, and good electrical properties, making it the ideal material for the majority of Heyco's molded products you will find in this catalog.

Heyco's standard nylon meets UL 94V-2 flammability requirements and is resistant to a wide range of chemical substances including acetone, ammonia, benzene, gasoline, and certain acids. In addition, flame retardant (UL 94V-0) and high temperature versions of most Heyco products are available. Heyco also has the capability to mold products in custom colors, matched to your application. Please consult Heyco regarding your needs for alternate materials and custom colors.

Nylon has a specific gravity of 1.14 (relative to water at 1). It is a hygroscopic material, meaning that its properties are affected by variations in moisture. When products are stored at 50% relative humidity and room temperature, they maintain their optimum properties. For that reason, moisture sensitive products are moisture treated and packaged at the factory in sealed bags to preserve the conditioning of the parts. The working temperature range of our products is indicated on the specific catalog page for that product.

The chart below shows key property data for our most common materials.

Key property data for common materials:

	Nylon 6/6	Nylon 4/6	Flame Retardant Nylon	Polycarbonate	Polyethylene	Polypropylene
Characteristic	General Use	Higher Temp.	Halogen free	Transparent	Flexible	Nonhygroscopic
Specific Gravity	1.14	1.18	1.16	1.2	0.92	0.9
UL Flammability Rating	94V-2	94V-2	94V-0	94V-2	N/A	94HB
Tensile Strength (MPa)	76	65	45	60	13	35
Flexural Strength (MPa)	42	50	70	83	8	53
Heat Deflection Temp. (1.8 MPa)	87°C	160°C	79°C	122°C	42°C	104°C
Electrical RTI	125°C	150°C	125°C	125°C	50°C	110°C

All properties are approximate and at 50% RH and 23°C unless noted.

HEYCO® Products, Inc.

Quality Policy

- At Heyco Products, we consistently provide products and customer services that continuously meet or exceed the expectations of our customers.
- We monitor our processes and validate results using metrics to drive continuous improvement with emphasis on customer satisfaction.
- We train and reinforce the effectiveness of our employees and provide them with state-of-the-art equipment and materials.
- We deploy and communicate our policies and practices to all co-workers and customers throughout the business.
- By directing our efforts in ensuring adherence to regulatory and environmental guidelines we ensure compliance across all agencies.

Warranty

Heyco manufactures and sells products of the highest quality and stands behind them. In light of those facts, products are sold with the understanding and on condition that the purchaser will test them in actual use and make his own determination as to their suitability and acceptability for his intended use, and the purchaser agrees to such condition. Use of HEYCO products other than for applications illustrated herein constitutes a misuse for which the purchaser bears all responsibility.

HEYCO warrants to the original purchaser only, that HEYCO products, when purchased in the original, unopened HEYCO brand package, are to be free from defects in materials and workmanship.

HEYCO's sole obligation, and purchaser's sole remedy, for any breach of this warranty, is limited to repair or replacement of the products at HEYCO's option.

HEYCO shall not, under any circumstances, be liable for the loss of the use of a purchaser's equipment or facilities, for loss of any business or good will profits, for cost of inspection, transportation, or storage, or for any incidental or consequential damages of any nature or description. Purchaser must notify HEYCO in writing, of any products which are deemed to be defective, within 60 days after receipt of such products.

HEYCO EXPRESSLY DISCLAIMS ANY AND ALL EXPRESSED OR IMPLIED WARRANTIES CONCERNING ITS PRODUCTS, INCLUDING, WITHOUT LIMITATION: WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY, EXCEPT THE WARRANTY SET FORTH ABOVE.

Heyco has not been evaluated for compliance with Aerospace Standard AS/EN/JISQ 9100, and as such our products are not expressly declared to be suitable for such application.

Certification of Composition

Neither our Nylon 6/6 parts nor our packing material contain any unconditionally banned substances, or conditionally banned substances.

This includes Cadmium (Cd) and its compounds, Lead (Pb) and its compounds, Hexavalent Chromium (Cr) compounds, Mercury (Hg) and its compounds, Polychlorinated Biphenyls (PCBs), Polybrominate Biphenyls (PBBs), or Polybrominated Diphenyl Ethers (PBDEs).

Heyco's products do not contain any toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of CFR 372.

All of our Nylon 6/6 products and packing materials are fully compliant with Restriction of the use of certain Hazardous Substances (RoHS) and Waste for Electrical and Electronic Equipment (WEEE) directives including:

- EU-Directive 2002/95/EC and amendment 2005/618/EC, EU End-of-Life-Vehicle Directive 2000/53/EC, and EU-Directive 2003/11/EC
- List of Declarable Materials in Automobile Manufacturing of VDA Norm 232-101
- German Hazardous Substances Ordinance of 15.11.99
- RoHS Certificate of Compliance available at **www.heyco.com**

ISO 9001:2008

Heyco has demonstrated that our quality management system is in compliance with ISO 9001:2008.
Please visit our website at **www.heyco.com** to view or print a copy of our certificate.

Catalog Section Guide

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2 Liquid Tight Flexible Conduit, Tubing and Fittings, Pages 2-1 to 2-27

3 Liquid Tight Cordgrips, Pages 3-1 to 3-51

4 Strain Relief Bushings, Pages 4-1 to 4-39

5 Venting Solutions, Pages 5-1 to 5-8

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7 HEYware, Pages 7-1 to 7-79

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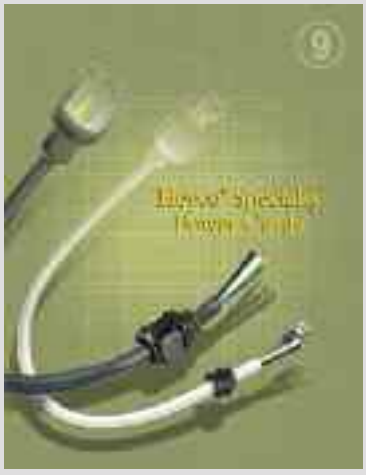

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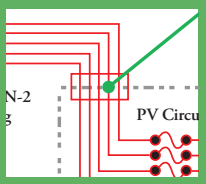
HEYCO® Solar Power Components

1-1 Solar Power Components LabKit

1-1 SunScreen Kit

1-1 Heyco Solar Warranty



1-2 Where Used Schematic

1-3 Heyco-Tite UL Listed/Recognized & CSA Certified LTCGs

1-4 Heyco-Tite Solar Masthead II Liquid Tight Cordgrips

1-5 HEYClip SunRunner Cable Clip

1-5 HEYClip SunRunner EZ Cable Clip

1-6 HEYClip SunRunner 4 Cable Clip

1-6 HEYClip SunRunner 90° Cable Clip

1-7 & 1-9 HEYClip Stainless Steel SunRunner 2 Cable Clip

1-7 & 1-9 HEYClip Stainless Steel SunRunner 2-R Cable Clip

1-7 & 1-9 HEYClip- Stainless Steel SunRunner 2-U Cable Clip

1-8 HEYClip Nylon UVX SunRunner 2 Cable Clip

1-8 HEYClip Nylon UVX SunRunner 2-R Cable Clip

1-8 HEYClip Nylon UVX SunRunner 2-U Cable Clip

1-10 HEYClip MaxRunner Cable Clip Array - Clip and Flush Mount

1-11 Nytyes with Stainless Steel Locking Device

1-11 SunBundler PVC Coated Stainless Steel Wire Cable Ties

1-12 Stainless Steel Cable Ties with Ball Lock

1-13 SunWrap – Polyethylene

1-13 SunWrap – High Density Polyethylene

1-14 SunWrap – Nylon

1-14 Heyco-Flex V Nylon Slit Tubing

1-15 Copper LugRunners

1-15 SunJumpers

1-16 SunClamp Stainless Steel Cable Clamps

1-16 SunStars

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1-21 CPV Solar Connectors

1-22 CPV Solar Connector Sets

1-23 SunScreener Wire Mesh Clip & SunScreen Wire Mesh

Heyco® Solar Power Components LabKit #9 (Part No. 3000)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- The Heyco Solar Power Components LabKit #9 contains an assortment of our most popular Solar Panel Connectors, Cordgrips, Clips and other accessories.
- Heyco also offers LabKits for Liquid Tight Cordgrips, Strain Relief Bushings, Hole Plugs, HEYware, and Grommets.
- Parts in LabKits are available in various sizes and colors. Please consult Heyco for further information.

NEW

Heyco® SunScreenKit™

36 pieces of PART NO. **S6437** SunScreen Clips bundled together with one 100´ Roll of SunScreen Wire Mesh

For Clip and Screen product details, see page 1-23

KIT NO.	CLIP QTY.	MESH	
		Width in.	Length ft.
S6465	36	4	100´ Roll
S6467	36	6	
S6469	36	8	

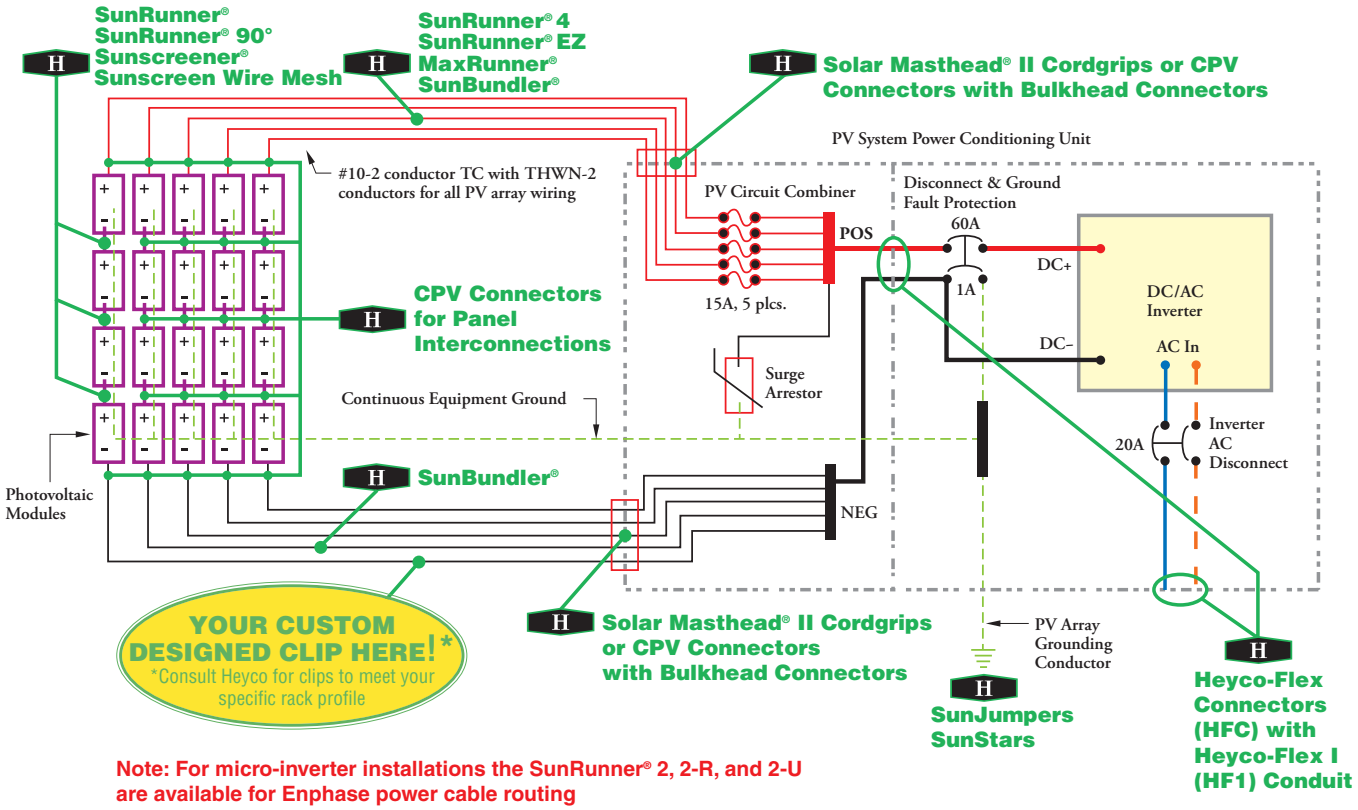
HEYCO

SOLAR WARRANTY

www.HeycoSolar.com

Please visit heycosolar.com for details on Heyco's Twenty Year Solar Products Warranty

Heyco® Solar Power Components Used in Typical Grid-Tied PV System



Note: For micro-inverter installations the SunRunner® 2, 2-R, and 2-U are available for Enphase power cable routing

HEYCO

Heyco®-Tite UL Listed/Recognized and CSA Certified Liquid Tight Cordgrips for Solar Applications

Multi-Hole, NPT Hubs with Integral Sealing Ring - IP 68 Rated

The Ultimate in Liquid Tight Strain Relief Protection

- **Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.**
- **IP 68 rated.**
- **Widest range of approved cable diameters.**
- Cordgrips with an -SM suffix have Skinned-Over Break-thru glands that offer the flexibility to use from 1 to 31 of the available holes while still providing a liquid tight seal around the wire.
- All accompanying Cordgrips are made of nylon construction with TPE sealing glands that resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- For locknut specifications or to order locknuts separately, see pages 3-41 & 3-42.
- Multi-hole glands are only to be used with Heyco Liquid Tight Cordgrips and are not sold separately.
- For our complete range of Heyco Cordgrips, see Section 3.

Use Heyco Multi-Hole Cordgrips with Heyco Female Threaded Couplings and Heyco-Flex III Tubing to insulate exposed PV wiring when making complete liquid tight connections to solar combiner or inverter enclosures. ***See page 2-18 for details.***

GLAND CONFIGURATION Conductors Size mm.	Type *	No.	PART NUMBER Black	DESCRIPTION	UL/CSA or cULus	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thickness in.	D mm.	E Flat Size in.	E mm.
Standard Multi-Hole Gland - Assembled Metal Locknuts INCLUDED															
4,5	USE-2	9	**M8437GBF**	LTCG 1	cULus	1.326	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
		13	**M4524GBG**	LTCG 1-1/4	cULus	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
5,2	USE-2	2	**M3231GAE**	LTCG 1/2	UL/CSA	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
		3	**M3234GAF**	LTCG 3/4	UL/CSA	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
		4	**M3234GAG**		UL/CSA										
5,6	USE-2	3	**M3200GAH**	LTCG LL 1/2	UL/CSA	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
Skinned-Over Break-thru Solar Masthead Gland - Assembled Metal Locknuts INCLUDED															
5,5	USE-2	5	**M3234GBR-SM**	SMCG 3/4	cULus	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
		9	**M8437GBK-SM**	SMCG 1	cULus	1.326	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
		13	**M4524GBM-SM**	SMCG 1-1/4	cULus	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
		21	**M3317GBQ-SM**	SMCG 1-1/2	cULus	1.920	48,8	2.81	71,4	.76	19,3	.36	9,1	2.48	63,0
		31	**M3321GBY-SM**	SMCG 2	cULus	2.400	60,8	2.92	74,2	.79	20,1	.42	10,7	2.73	69,3
5,6	USE-2	3	**M3200GAH-SM**	SMCG LL 1/2	UL/CSA	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
7,7	PV 1000 or USE-2**	3	**M3234GBS-SM**	SMCG 3/4	UL/CSA	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
		5	**M8437GBT-SM**	SMCG 1	UL/CSA	1.326	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
		9	**M4524GBW-SM**	SMCG 1-1/4	UL/CSA	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
		11	**M3317GBZ-SM**	SMCG 1-1/2	cULus	1.920	48,8	2.81	71,4	.76	19,3	.36	9,1	2.48	63,0
		19	**M3321GBX-SM**	SMCG 2	UL/CSA	2.400	60,8	2.92	74,2	.79	20,1	.42	10,7	2.73	69,3
8,9	PV 1000	7	**M4524GCJ-SM**	SMCG 1-1/4	UL/CSA	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
		9	**M3317GCK-SM**	SMCG 1-1/2	cULus	1.920	48,8	2.81	71,3	.76	19,3	.36	9,1	2.48	63,0
		12	**M3321GCM-SM**	SMCG 2	UL/CSA	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9
Other Configurations with Approval Potential - Locknuts not included															
6,0	***	2	**M3200GAJ**	LTCG LL 1/2	-	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
		4	**M3234GBC**	LTCG 3/4	-	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
6,5	***	6	**M8437GAL**	LTCG 1	-	1.326	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
			M4524GAL	LTCG 1-1/4	-	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
7,0	PV 1000	3	**M3234GAM**	LTCG 3/4	-	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
7,4	PV 1000	2	**M3234GAN**												

*AWG 10 and 12 for both USE-2 and PV 1000 except 4,5 mm Conductors Recognized for AWG 12 only.
**8 AWG USE-2 Wire
***Depends on actual wire: 10 AWG USE-2 or 12 AWG PV 1000.

Quick Specs

Material		Nylon 6/6 with TPE sealing gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
		Certified by the Canadian Standards Association File 93876
Flammability Rating		94-V2
Temperature Range		Static -40°F(-40°C) to 239°F (112°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68

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HEYCO

Heyco®-Tite Solar Masthead® II Liquid Tight Cordgrips

Multi-Hole, NPT Hubs with Integral Sealing Ring - IP 68 Rated

The Ultimate in Liquid Tight Strain Relief Protection

GLAND CONFIGURATION Conductors Size mm.	Type *	No.	PART NO. Black	DESCRIPTION	UL/CSA or cULus	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thickness in.	D mm.	E Flat Size in.	E mm.
5,5	USE-2	5	**M3234GBR-SM**	SMCG 3/4	cULus	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
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5,6	USE-2	3	**M3200GAH-SM**	SMCG LL 1/2	UL/CSA	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
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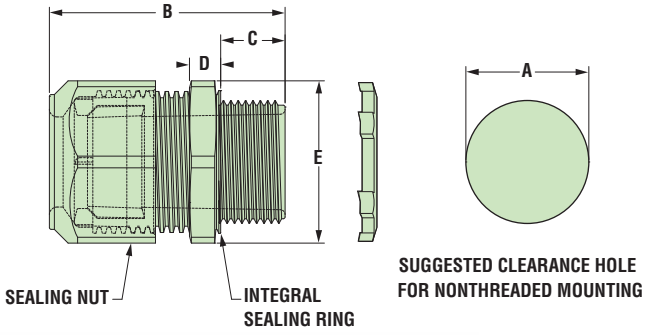
		19	**M3321GBX-SM**	SMCG 2	UL/CSA	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9
8,9	PV 1000	7	**M4524GCJ-SM**	SMCG 1-1/4	UL/CSA	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
		9	**M3317GCK-SM**	SMCG 1-1/2	cULus	1.920	48,8	2.81	71,3	.76	19,3	.36	9,1	2.48	63,0
		12	**M3321GCM-SM**	SMCG 2	UL/CSA	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9

*AWG 10 and 12 for both USE-2 and PV 1000.
**For 8 AWG USE-2 Wire.



See page 2-1 for details

Use a Heyco-Flex I Conduit Adapter to join a Heyco Solar Masthead to Heyco-Flex I or Rigid PVC Conduit, through which the solar installer can run PV wire from the roof to the field level inverter.

- **Break-Thru Skinned-Over glands** in the Solar Masthead II Cordgrips **offer flexibility to use from 1 to 31 of the available holes** while still providing a liquid tight seal around the wire.
- **IP 68 rated**.
- **Integral Sealing Ring** ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Provide a watertight seal for PV module output leads to inverters.
- Designed for use with 12 and 10 AWG USE-2 or 12 and 10 AWG 1000V PV wire.
- Designed for solar rooftop or combiner box installations.
- Secure input PV leads from solar panel array strings to fuse holder hookup within solar combiner boxes.
- Use in some residential rooftop solar applications may eliminate the need for combiner box when appropriate threaded adaptor is used.
- UV resistant nylon construction with TPE Sealing Gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- No disassembly required for installation.
- Generous wrenching flats for ease of assembly.
- **Solar Masthead II Cordgrips provided with assembled metal locknut.**
- Contact Heyco for other sizes and gland configurations.

Material		Nylon 6/6 with TPE Sealing Glands Listed under Underwriters' Laboratories File E51579
Certifications	UL cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements Certified by the Canadian Standards Association File 93876
Flammability Rating		94-V2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68

Quick Specs

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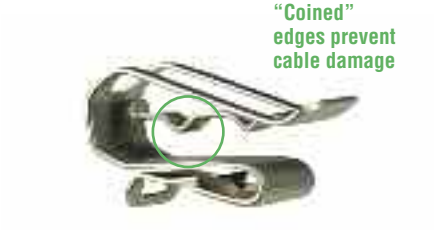
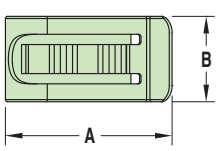
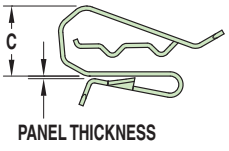


HEYClip™ SunRunner® Cable Clip

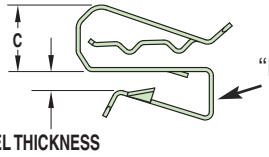
- Robust "double-compression" design securely holds from (1) 12 gauge USE-2 to (2) 10 gauge PV-1000V solar wires.
- Also for use with other cables from .20˝ (5,1 mm) to .30˝ (7,6 mm) in diameter.
- Designed to provide a better method for PV module wire management **and may be used wherever single or multiple cable management is needed**.
- Smooth clip edges prevent damage to cable insulation.
- Locking tabs securely fasten clips to module extrusions, **or other panels**.
- Generous lead in for installation without tools.
- Screwdriver slot for easy removal or movement of clips if necessary.
- Neatly dresses cables on PV panel frames or along mounting channels.
- Constructed from corrosion resistant 304 stainless steel.
- 316 stainless steel now available for marine and other harsh environments.
- SunRunner fits module frames up to .125˝ (3,2 mm) thick.
- **SunRunner EZ designed for thicker module frames** as well as racking – accommodates profiles up to .250˝ (6,4 mm) thick!
- 304 stainless steel not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

PANEL THICKNESS CLAMPING RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	WIRE DIA. RANGE Maximum (2) Wires	PART NO. 304 Stainless	PART NO. 316 Stainless (NEW!)	DESCRIPTION	FOOTPRINT HEIGHT A x B in.	FOOTPRINT HEIGHT A x B mm.	OVERALL C in.	OVERALL C mm.
Double-Compression Design for panels up to .125˝ (3,2 mm) thick											
.06	1,4	.13	3,2	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	**S6405**	**S6490**	SunRunner® 100 Pack	.97 x .50	24,6 x 12,7	.39	9,9
					S6445	**S6495**	SunRunner® Bulk				





SunRunner® (above)



Wide, Flat Section for "EZ" Assembly

SunRunner® EZ (below)

SunRunner® EZ with (optional) SunBundler (page 1-11) looped through slot

HEYClip™ SunRunner® EZ™ Cable Clip

PANEL THICKNESS CLAMPING RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	WIRE DIA. RANGE Maximum (2) Wires	PART NO. 304 Stainless	DESCRIPTION	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
Double-Compression Design for panels up to .250˝ (6,4 mm) thick										
.09	2,3	.25	6,4	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	**S6407**	SunRunner® EZ 100 Pack	.97 x .50	24,6 x 12,7	.41	10,4
					S6447	SunRunner® EZ Bulk				

Quick Specs

Material	.025˝ thick 304 or 316 stainless steel
Certifications	c UL us Certified by UL for Compliance with both Canadian and US Requirements under File E54523
Temperature Range	-40°F (-40°C) to 572°F (300°C)

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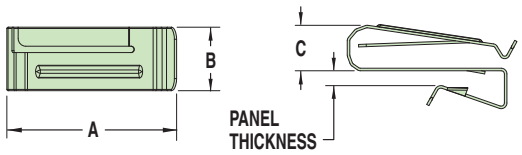
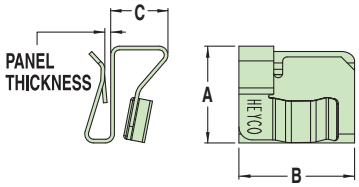
HEYClip™ SunRunner 4™ Cable Clip

PANEL THICKNESS CLAMPING RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	WIRE DIA. RANGE Maximum (4) Wires	PART NO.	DESCRIPTION	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
Double-Compression Design for panels up to .250˝ (6,4 mm) thick										
.13	3,2	.25	6,4	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	S6400	SunRunner 4™ 100 Pack	1.34 x .50	34,0 x 12,7	.36	9,1
					S6440	SunRunner 4™ Bulk				



SunRunner® 4™

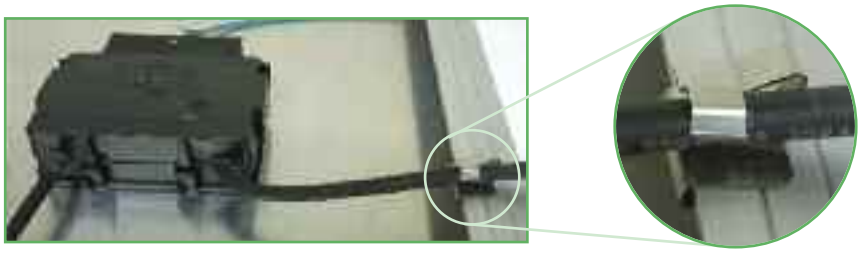


SunRunner® 90°

- **Designed to hold up to (4) 12 gauge USE-2 or (4) 10 gauge PV-1000V solar wires.**
- Also for use with other types of cables from .20" (5,1 mm) to .30" (7,6 mm) in diameter.
- Designed to provide a better method for PV module wire management and may be used whenever multiple cable management is needed.
- Smooth clip edges prevent damage to cable insulation.
- SunRunner 4 Cable Clip is designed to accommodate thicker racking systems up to .250" (6,4 mm) thick.
- Constructed from heat treated 410 stainless steel for excellent strength and corrosion protection for outdoor exposure.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

HEYClip™ SunRunner® 90° Cable Clip

PANEL THICKNESS CLAMPING RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	WIRE DIA. RANGE Maximum (1) Wire	PART NO.	DESCRIPTION	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
Double-Compression, Right Angle Design										
.06	1,4	.13	3,2	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	S6406	SunRunner 90° 100 Pack	.65 x .78	16,5 x 19,8	.39	9,9
					S6446	SunRunner 90° Bulk				



- **SunRunner 90° Cable Clip is designed to mount at a 90° angle to the original SunRunner.** The SunRunner 90° will accommodate a single cable from .20˝ (5,1 mm) to .30˝ (7,6 mm).
- SunRunner 90° is designed for use with PV modules mounted in the "landscape" mode. PV modules with shorter than normal junction box cables cannot be dressed out to the sides of the module. The SunRunner 90° will allow the junction box cables to be run to the adjacent modules across the short side of the PV module frame.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

Material	SunRunner 4 – .020˝ thick heat treated 410 stainless steel SunRunner 90° – .025˝ thick 304 stainless steel
Certifications	c UL us Certified by UL for Compliance with both Canadian and US Requirements under File E54523 (SunRunner 90 only)

HEYCO

HEYClip™ Stainless Steel SunRunner® 2 Series Cable Clips for Micro-Inverter Cables

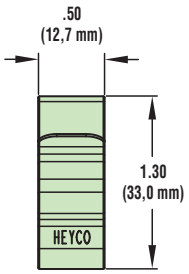
- **Designed to hold Micro-Inverter cables** .413˝ (10,5 mm) to .472˝ (12,0 mm) in diameter.
- Constructed from heat treated 410 stainless steel for excellent strength and corrosion protection for outdoor exposure.
- Smooth clip edges prevent damage to cable insulation.
- "S" hook clip design will fit a wide variety of extruded aluminum profiles.
- **SunRunner 2** is designed for solar mounting frames such as the ones used by Unirac, Solar Mount and Mounting Systems.
- **SunRunner 2-R** is designed for racking systems such as the ones used by Haticon Solar and S:FLEX.
- **SunRunner 2-U** features a shorter S hook for Unirac and other similar frame profiles.
- Neatly dresses cable on PV panels or along mounting frame channels from .080˝ (2,0 mm) to .250˝ (6,4 mm) thick.
- See page 1-9 for typical rack profile applications.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

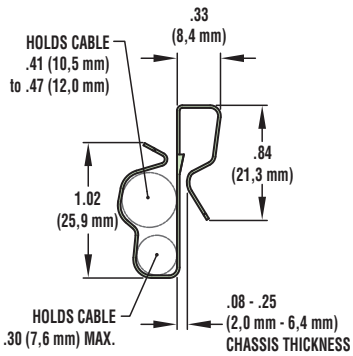
PANEL THICKNESS CLAMPING RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	WIRE DIA. RANGE in.	WIRE DIA. RANGE mm.	PART NO.	DESCRIPTION	FOOTPRINT in.	FOOTPRINT mm.	REAR TAB LENGTH in.	REAR TAB LENGTH mm.
SunRunner® 2											
.08	2,0	.25	6,4	.30 -. 47	7,6-12,0	**S6404**	SunRunner® 2 100 Pack	.50 x 1.30	12,7 x 33,0	.84	21,3
						S6444	SunRunner® 2 Bulk				
SunRunner® 2-R											
.38	9,7	.38	9,7	.30 -. 47	7,6-12,0	**S6402**	SunRunner® 2-R 100 Pack	.50 x 1.30	12,7 x 33,0	.41	10,4
						S6442	SunRunner® 2-R Bulk				
SunRunner® 2-U											
.25	6,4	.25	6,4	.30 -. 47	7,6-12,0	**S6401**	SunRunner® 2-U 100 Pack	.50 x 1.30	12,7 x 33,0	.38	9,7
						S6441	SunRunner® 2-U Bulk				

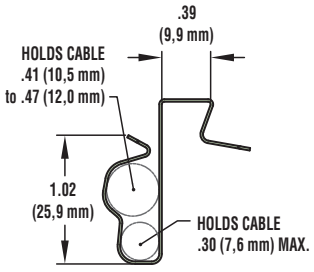
SunRunner 2

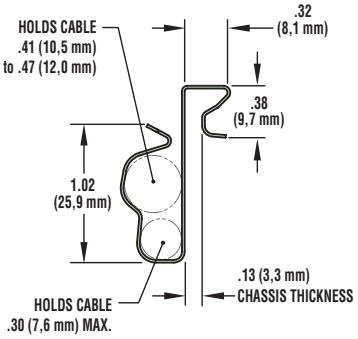
SunRunner 2-R

SunRunner 2-U









Quick Specs

Material	.020˝ thick heat treated 410 stainless steel

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HEYCO

ALL NEW PRODUCTS!

HEYClip™ Nylon UVX* SunRunner® 2 Series Cable Clips for Micro-Inverter Cables

*Extended UV Protection

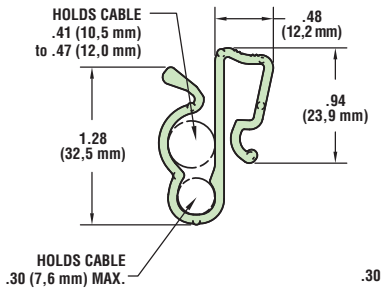
PANEL THICKNESS CLAMPING RANGE Minimum		Maximum		WIRE DIA. RANGE		PART NO.	DESCRIPTION	FOOTPRINT		REAR TAB LENGTH	
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
SunRunner 2 UVX											
.08	2,0	.25	6,4	.30 - .47	7,6-12,0	**S6463**	SunRunner 2 UVX 100 Pack	.50 x 1.44	12,7 x 36,6	.94	23,9
						S6473	SunRunner 2 UVX Bulk				
SunRunner 2-R UVX											
.38	9,7	.38	9,7	.30 - .47	7,6-12,0	**S6462**	SunRunner 2-R UVX 100 Pack	.50 x 1.44	12,7 x 36,6	.56	14,2
						S6472	SunRunner 2-R UVX Bulk				
SunRunner 2-U UVX											
.25	6,4	.25	6,4	.30 - .47	7,6-12,0	**S6461**	SunRunner 2-U UVX 100 Pack	.50 x 1.44	12,7 x 36,6	.53	13,5
						S6471	SunRunner 2-U UVX Bulk				

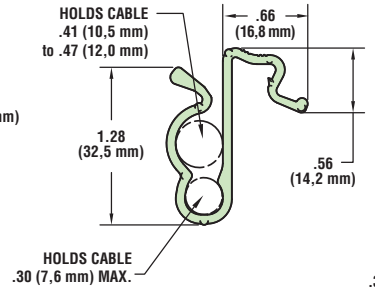
- **Designed to hold Micro-Inverter cables** .413˝ to .472˝ (10,5 to 12,0 mm) in diameter.
- Constructed from extended protection nylon UV material for **lower cost**, excellent strength, and corrosion protection from outdoor exposure.
- Smooth clip edges prevent damage to cable insulation.
- "S" hook clip design will fit a wide variety of extruded aluminum profiles.
- **SunRunner 2 UVX** is designed for solar mounting frames such as the ones used by Unirac, Solar Mount and Mounting Systems.
- **SunRunner 2-R UVX** is designed for racking systems such as the ones used by Haticon Solar and S:FLEX.
- **SunRunner 2-U UVX** features a shorter "S" hook for Unirac and other similar frame profiles.
- Neatly dresses cables on PV panels or along mounting frame channels from .080˝ (2,0 mm) to .250˝ (6,4 mm) thick.
- Molded from UV/Heat Stabilized Nylon.
- See page 1-9 for typical rack profile applications.

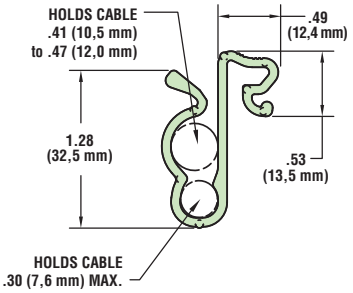
SunRunner 2 UVX

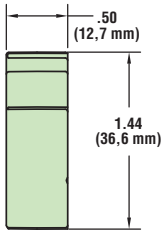
SunRunner 2-R UVX

SunRunner 2-U UVX









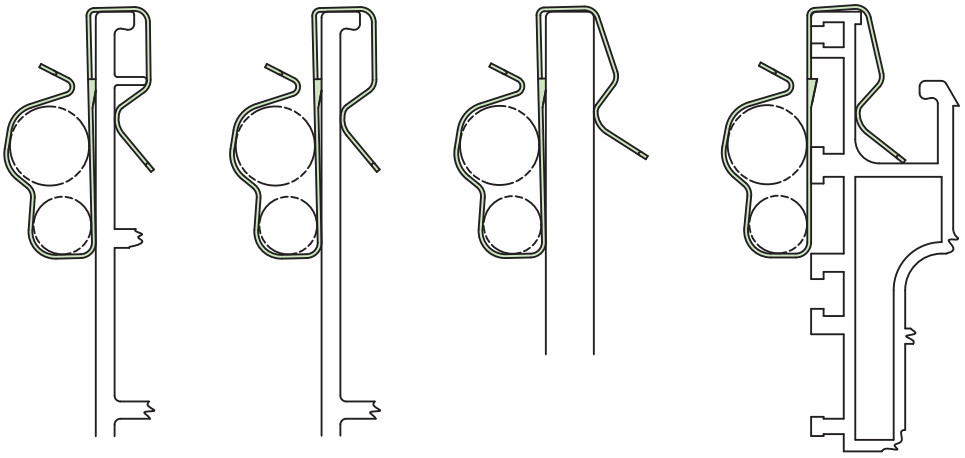
Material	Nylon 6/6 with extended UV capabilities
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 185°F (85°C)

Quick Specs

HEYCO

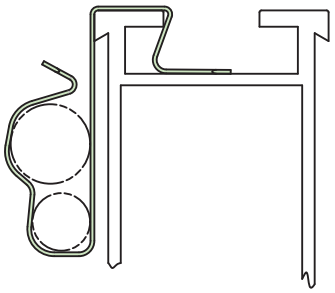
HEYClip™ Stainless Steel and Nylon UVX SunRunner® 2 Series Cable Clips for Micro-Inverter Cables (Stainless Steel shown below)

"Where Used" Rack Profiles

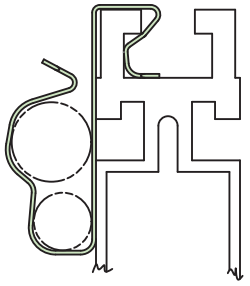


SunRunner 2
fits Everest, SnapNrack, and similar rack profiles

Consult Heyco for clips to meet your specific rack profile



SunRunner 2-R
fits Haticon Solar, S:FLEX and similar rack profiles



SunRunner 2-U
fits Unirac Solar Mount Standard Rail and similar rack profiles

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HEYCO

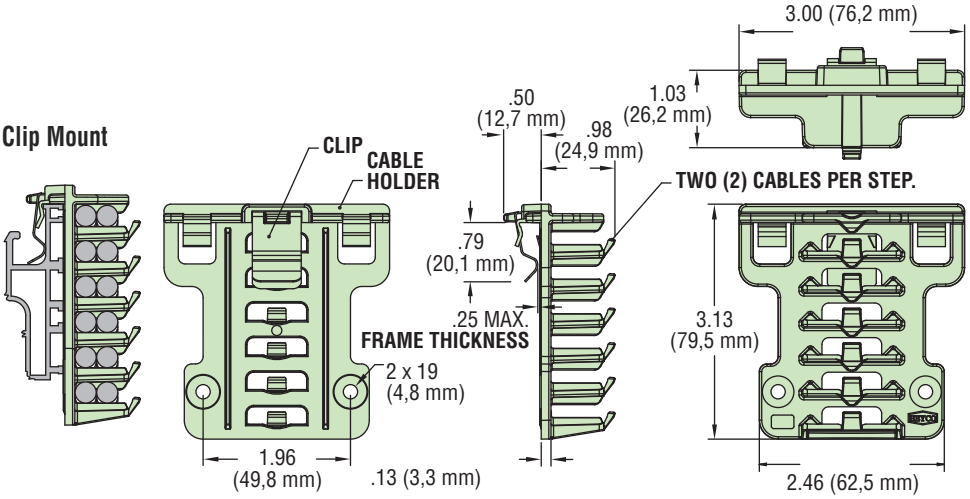
HEYClip™ MaxRunner® Cable Clip Arrays

Clip Mount or Flush Mount with Screws*, accommodates up to **12 Cables**

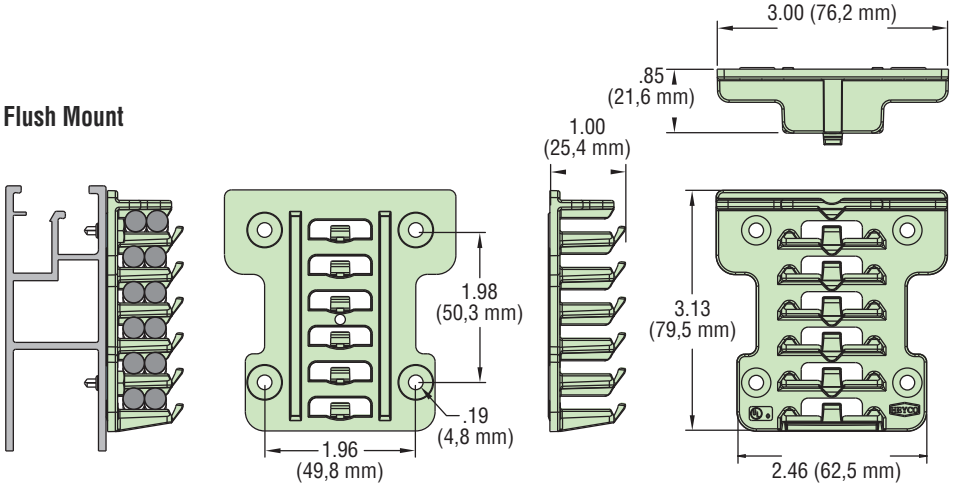
PANEL THICKNESS CLAMPING RANGE Minimum		Maximum		WIRE DIA. RANGE Maximum (12) Wires		PART NO.	DESCRIPTION	FOOTPRINT		OVERALL HEIGHT	
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
Clip Mount											
.06	1,5	.25	6,4	.20 - .28	5,2 - 7,2	**S6403**	MaxRunner 12 Clip Mount	3.00 x 3.13	76,2 - 79,5	.98	24,9
Flush Mount											
N/A: designed for flat mount				.20 - .28	5,2 - 7,2	**S6433**	MaxRunner 12 Flush Mount	3.00 x 3.13	76,2 - 79,5	1.00	25,4

*Screws not included

Clip Mount



Flush Mount



- **Hold up to 12 cables with wire diameters ranging from .20˝ (5,2 mm) to .28˝ (7,2 mm)**.
- Patent Pending design is the ultimate in solar wire management.
- Molded internal locking tabs securely hold the cables in place **preventing side-to-side movement or slippage** of the cables.
- Constructed from PPE+PS flame retardant "Noryl" material with a **V-0 flame rating** and a **UV (f1) rating** for excellent resistance to outdoor exposure.
- **Clip Mount** features a versatile, 301 **stainless steel mounting clip**.
- Clip is designed to secure the holder to a wide variety of aluminum extruded mounting rails of various profiles with thicknesses up to .250" (6,4 mm).
- **Flush Mount** designed to mount on **flat panels or extrusions** without mounting ledges.
- Easily attaches to any flat surface with four mounting screws.

Materials		PPE & PS Noryl (Clipmount includes a 301 stainless steel mounting clip)
Certifications	c UL us	Certified by UL for Compliance with both Canadian and U.S. requirements under File E54523
Flammability Rating		94V-0
Temperature Range		-40°F (-40°C) to 203°F (95°C)

Quick Specs

HEYCO

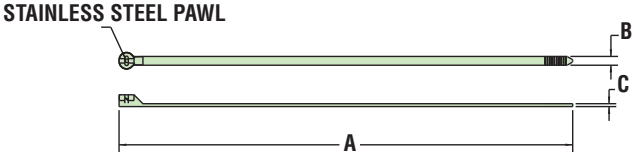
ALL NEW PRODUCTS!

Heyco® Nytyes® with Stainless Steel Locking Device

- Feature metal pawl for high strength and better durability.
- Self-locking head design speeds installation and locks into place at any length along the tie body.
- Provide a strong, durable method of cable bundling.
- Can be used in a wide range of indoor, outdoor, and underground (including direct burial) applications.
- Smooth surfaces and rounded edges assure cable protection and worker safety.
- Part Description Key: NTMP-XXX-YYY where XXX = tensile (foot pounds) and YYY = length (inches x 10).
- These parts are not covered under Heyco's solar warranty.

PART SPECIFICATIONS Min. Tensile Strength Lbs.	N	Max. Bundle Diameter in.	mm.	PART NO. Natural	Black	DESCRIPTION	PART DIMENSIONS A Length in.	mm.	B Width in.	mm.	C Thickness in.	mm.
18	80	.87	22,0	**13000**	**13000B**	NTMP-018-039	3.90	100	.12	3,0	.04	1,1
35	160	1.42	36,0	**13001**	**13001B**	NTMP-036-059	5.90	150	.16	4,0	.05	1,2
		2.09	53,0	**13002**	**13002B**	NTMP-036-079	7.90	200				
45	200	2.56	65,0	**13003**	**13003B**	NTMP-045-098	9.80	250	.20	5,0		
		2.99	76,0	**13004**	**13004B**	NTMP-045-118	11.80	300				
56	250	2.09	53,0	**13008**	**13008B**	NTMP-056-079	7.90	200	.31	8,0	.06	1,5
		2.60	66,0	**13009**	**13009B**	NTMP-056-094	9.40	240				
		2.99	76,0	**13010**	**13010B**	NTMP-056-118	11.80	300				
112	500	2.99	76,0	**13011**	**13011B**	NTMP-112-118	11.80	300				
		3.74	95,0	**13012**	**13012B**	NTMP-112-138	13.80	350				
		4.45	113,0	**13013**	**13013B**	NTMP-112-157	15.70	400	.39	10,0	.07	1,7
124	550	4.72	120,0	**13014**	**13014B**	NTMP-124-177	17.70	450				
		6.22	158,0	**13015**	**13015B**	NTMP-124-197	19.70	500				

Standard colors natural and UV Black.



Material	Nylon 6/6 wire tie with a stainless steel locking pawl
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 185°F (85°C)

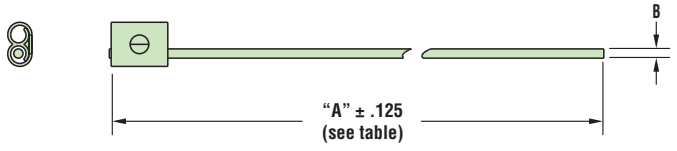
- **Extremely durable, vinyl jacketed Stainless Steel Cable Tie**.
- Smooth vinyl jacketing prevents damage to installation cable insulation.
- Stainless steel crimp sleeve for easy field installation with electrician linesman pliers, or wire cutters.
- UV protected vinyl jacket is excellent for solar installation where product durability is required.
- Use standard wire cutters to both crimp the sleeve and cut the excess wire.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

Heyco® SunBundler®

Crimp Lock PVC Coated Stainless Steel Wire Cable Ties

PART SPECIFICATIONS Max. Tensile Strength Lbs.	N	Max. Bundle Diameter in.	mm.	PART NO. Black Bulk	100 Pack	DESCRIPTION	PART DIMENSIONS A Length in.	mm.	B Diameter in.	mm.
Black vinyl jacketed 302/304 stainless steel wire										
100	440	2.30	58,4	**S6408**	**S6409**	SunBundler® 8	8	203	.06	1,6
		2.92	74,2	**S6410**	**S6411**	SunBundler® 10	10	254		
		3.88	98,6	**S6412**	**S6413**	SunBundler® 12	12	305		
		4.20	106,7	**S6414**	**S6415**	SunBundler® 14	14	356		
		6.36	161,5	**S6420**	**S6421**	SunBundler® 20	20	508		

Standard color Black.



Material	Commercial Aircraft Grade 302/304 stainless wire w/UV protected vinyl jacket
Certifications	c UL us Certified by Underwriters' Laboratories for Compliance to both Canadian and U.S. Requirements under File E54523

Quick Specs

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HEYCO

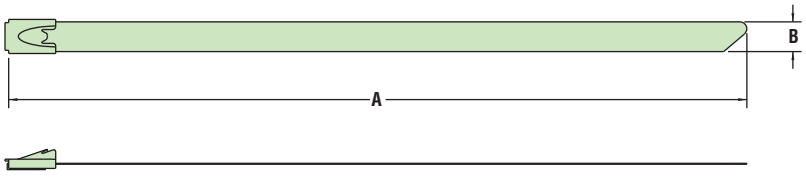
ALL NEW PRODUCTS!

Heyco® Stainless Steel Cable Ties

Ball Lock Stainless Steel Strip Cable Ties - AISI 304* - Standard and PVC Coated

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Min. Tensile Strength		Max. Bundle Diameter			PVC Coated		A Length		B Width	
Lbs.	N	in.	mm.	Standard Steel	Black		in.	mm.	in.	mm.
		1.18	30,0	**12801**	**12801B**	NTSS-0150-46A	5.91	150		
		2.05	52,0	**12802**	**12802B**	NTSS-0200-46A	7.87	200		
		2.68	68,0	**12803**	**12803B**	NTSS-0250-46A	9.84	250		
		3.23	82,0	**12805**	**12805B**	NTSS-0300-46A	11.81	300		
112	500	3.86	98,0	**12806**	**12806B**	NTSS-0350-46A	13.78	350	.18	4,6
		4.33	110,0	**12808**	**12808B**	NTSS-0400-46A	15.75	400		
		5.75	146,0	**12810**	**12810B**	NTSS-0500-46A	19.69	500		
		7.09	180,0	**12812**	**12812B**	NTSS-0600-46A	23.62	600		
		9.50	240,0	**12814**	**12814B**	NTSS-0800-46A	31.50	800		
		2.05	52,0	**12821**	**12821B**	NTSS-0200-79A	7.87	200		
		2.68	68,0	**12822**	**12822B**	NTSS-0250-79A	9.84	250		
		3.23	82,0	**12824**	**12824B**	NTSS-0300-79A	11.81	300		
		3.86	98,0	**12825**	**12825B**	NTSS-0350-79A	13.78	350		
		4.33	110,0	**12827**	**12827B**	NTSS-0400-79A	15.75	400		
250	1115	5.75	146,0	**12829**	**12829B**	NTSS-0500-79A	19.69	500	.31	7,9
		7.09	180,0	**12831**	**12831B**	NTSS-0600-79A	23.62	600		
		8.27	210,0	**12833**	**12833B**	NTSS-0700-79A	27.56	700		
		9.50	240,0	**12834**	**12834B**	NTSS-0800-79A	31.50	800		
		12.09	307,0	**12836**	**12836B**	NTSS-1000-79A	39.37	1000		

* AISI 316 available, consult Heyco.



- For ease of assembly, position locking head so that the widest end is down.
- Part Description Key: NTSS-XXXX-YYA where XXXX = length (mm) and YYA = width (mm) with A indicating AISI 304 stainless steel.
- Stainless steel cable ties have more strength and better durability than nylon cable ties.
- Locking ball design for maximum holding strength and ease of installation.
- Coated ties offer additional protection and separation of dissimilar metals for improved corrosion resistance.
- Suitable for harsh outdoor environments; conform to standard IEC92 for Marine Electrical Appliances and the requirements of CB1113-85 "Plastic Covered Metal Cable Ties", "Steel Sea Boats Construction Level Standard."
- Secure bundles in moist and high temperature environments with decay, fire, corrosion, and radio resistance.
- Widely used in shipping, communication, and flight applications.
- .010" (0,25 mm) thick.
- Custom lengths available.
- 100 pack standard.
- These parts are not covered under Heyco's solar warranty.

Materials	Lcr18Ni9 with PVC coating. AISI 304 stainless steel

Quick Specs

HEYCO

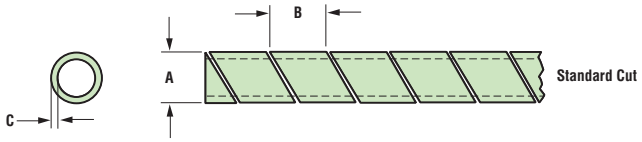
Heyco® SunWrap™-Polyethylene

- **Easy to use: Just twist on wire!**
- Allows breakouts of single/ multiple wires and re-routing of replacement wires.
- Absorbs vibration, insulates cables, and resists abrasion.
- Multiple sizes bundle and protect cables, wires, tubing, and hoses from .13˝ (3,2 mm) to 7.00˝ (177,8 mm) diameters.
- For hose and cable **clamps**, see pages 7-30 through 7-35.

BUNDLE RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		UV Black	Natural		A Outside Diameter		B Pitch		C Thickness	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.13	3,2	1.50	38,1	**8904**	**8905**	CW 187 PE*	.19	4,8	.25	6,3	.03	0,8
.19	4,8	2.00	50,8	**8908**	**8909**	CW 250 PE	.25	6,3	.38	9,5	.05	1,1
.31	7,9	3.00	76,2	**8912**	**8913**	CW 375 PE	.38	9,5	.44	11,1	.05	1,3
.38	9,5	4.00	101,6	**8916**	**8917**	CW 500 PE	.50	12,7	.50	12,7	.06	1,6
.50	12,7	4.50	114,3	**8920**	**8921**	CW 625 PE*	.63	15,9	.63	15,9	.06	1,6
		5.00	127,0	**8924**	**8925**	CW 750 PE	.75	19,1	.75	19,1	.07	1,7
1.00	25,4	7.00	177,8	**8928**	**8929**	CW 1000 PE	1.00	25,4	1.00	25,4	.08	2,0

Standard colors UV black or natural.
* Parts are not UR recognized.

Material	Polyethylene
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E173954
Conforms to:	Fed Spec LP390, Mil I-631D, Mil P-21922B
Temperature Range	-76°F (-60°C) to 190°F (88°C) - UL rated temp not to exceed 122°F (50°C)

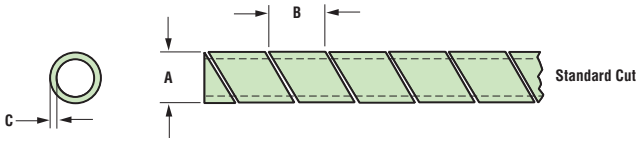


Heyco® SunWrap™ - Heavy Duty Cable Guard

- **Easy to use: Just twist on wire!**
- Designed to shield heavier cables and cable bundles; **extend cable life**.
- Available in a **variety of sizes** that fit cable and cable bundles from .75˝ (19.1 mm) to 6.00˝ (152.4 mm) in diameter.
- **Smooth finished interior wall**.
- **Highly flexible** for ease of movement.
- Packaged as one continuous piece, not spooled.
- May be **cut to desired length**, please consult Heyco.

BUNDLE RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		Black		A Outside Dia.		B Pitch		C Thickness	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.
.75	19,1	1.50	38,1	**8964**	CWG 99 PE	.93	23,6	.95	24,1	.12	3,0
1.00	25,4	2.00	50,8	**8966**	CWG 126 PE	1.12	28,4	1.25	31,8	.13	3,3
1.25	31,8	2.50	63,5	**8968**	CWG 153 PE	1.37	34,8	1.35	34,3	.14	3,5
1.50	38,1	3.00	76,2	**8970**	CWG 181 PE	1.62	41,1	1.50	38,1	.15	3,9
2.00	50,8	3.50	88,9	**8972**	CWG 234 PE	2.09	53,1	1.60	40,6	.17	4,3
3.50	88,9	6.00	152,4	**8974**	CWG 401 PE	3.50	88,9	1.95	49,5	.25	6,4

*Standard color black or color coded



Material	High Density Polyethylene
Flammability Rating	94-HB
Temperature Range	0°F (-18°C) to 165°F (74°C)

Quick Specs

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HEYCO

Heyco® SunWrap™-Nylon

BUNDLE RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		UV Black	Natural		A Outside Diameter		B Pitch		C Thickness	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.13	3,2	1.50	38,1	**8936**	**8937**	CW 187 N*	.19	4,8	.25	6,3	.02	0,5
.19	4,8	2.00	50,8	**8940**	**8941**	CW 250 N	.25	6,3	.38	9,5	.03	0,6
.31	7,9	3.00	76,2	**8944**	**8945**	CW 375 N	.38	9,5	.44	11,1	.04	0,9
.38	9,5	4.00	101,6	**8948**	**8949**	CW 500 N	.50	12,7	.50	12,7		
.50	12,7	4.50	114,3	**8952**	**8953**	CW 625 N*	.63	15,9	.63	15,9		
		5.00	127,0	**8956**	**8957**	CW 750 N	.75	19,1	.75	19,1	.03	0,8
1.00	25,4	7.00	177,8	**8960**	**8961**	CW 1000 N	1.00	25,4	1.00	25,4		

Standard colors UV black or natural.
* Parts are not UR recognized.

Material	Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E173954
Temperature Range	-40°F (-40°C) to 250°F (121°C) - UL rated temp not to exceed 149°F (65°C)

- **Easy to use: Just twist on wire!**
- Allows breakouts of single/ multiple wires and re-routing of replacement wires.
- Absorbs vibration, insulates cables, and resists abrasion.
- Multiple sizes bundle and protect cables, wires, tubing, and hoses from .13˝ (3,2 mm) to 7.00˝ (177,8 mm) diameters.
- Conforms to: ASTMD 4066, Group 2; Fed Spec LP410.
- For hose and cable **clamps**, see pages 7-30 through 7-35.

Heyco-Flex™ V Nylon Slit Tubing

NOMINAL DIAMETER	PART NO.	DESCRIPTION	PART DIMENSIONS						ROLL LENGTH
	Black		A Outside Diameter		B Inside Diameter		Wall Thickness Range		
in.			in.	mm.	in	mm.	in.	mm.	ft.
1/8	**1634A**	HF5 1/8	.26	6,6	.17	4,3			
1/4	**1635A**	HF5 1/4	.39	9,9	.29	7,3			
11/32	**1636A**	HF5 11/32	.51	13,0	.35	8,8			
3/8	**1637A**	HF5 3/8	.53	13,5	.42	10,5			
7/16	**1638A**	HF5 7/16	.63	15,9	.44	11,2			
1/2	**1639A**	HF5 1/2	.64	16,2	.53	13,3	.01-.02	0,2-0,5	100
5/8	**1641A**	HF5 5/8	.81	20,5	.66	16,8			
3/4	**1642A**	HF5 3/4	.93	23,6	.79	20,1			
1	**1643A**	HF5 1	1.12	28,5	.92	23,3			
1-1/16	**1644A**	HF5 1-1/16	1.22	30,9	1.01	25,6			
1-1/4	**1646A**	HF5 1-1/4	1.49	37,9	1.28	32,6			
1-1/2	**1649A**	HF5 1-1/2	1.73	43,9	1.47	37,2			

Standard color black.

Material	Polyamide 6 Nylon
Flammability Rating	94HB
Temperature Range	-40°F (-40°C) to 239°F (115°C) Continuous -40°F (-40°C) to 374°F (190°C) Intermittent

- **Slit design allows side entry** and encirclement of preassembled harnesses and capillary tubes.
- Unique slit design allows for wire breakouts.
- Heyco-Flex V is lightweight and flexible, yet durable enough to meet your wire management requirements.
- Multiple sizes 1/8˝ to 1-1/2˝.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- Quick installation; cuts with utility knife, PVC cutter or Heyco cutting tool #8340. See page 2-2.

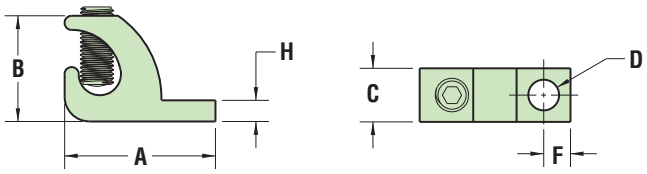
Quick Specs

HEYCO

Heyco® Copper LugRunners™

- For continuous grounding wire runs often found in solar applications.
- Available in plated and unplated versions.
- UL/CSA approved for direct burial; suitable for both indoor and outdoor use.
- Recommended wire range AWG 4 thru AWG 14.
- DFARS Compliant

Wire Range AWG	PART NO.	DESCRIPTION	CONSTRUCTION	PART DIMENSIONS (in.)					
				A	B	C	D	F	H
4-14	**S6525**	LC 14-4 1-Pole Cu Tinned	Tinned Copper with Stainless Steel Set Screw	1.07	.75	.38	.22	.19	.15

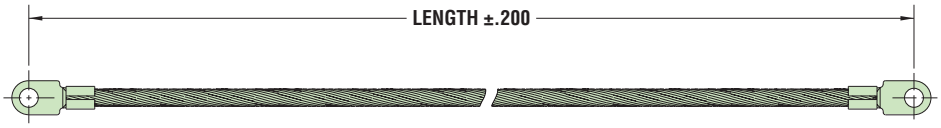


Material	Tinned copper or copper with stainless steel set screw
Certifications	UL Listed under Underwriters' Laboratories File E467246

Heyco® SunJumpers™

- .250˝ hole diameter tinned copper Heavy Duty Ring Terminals at both ends.
- Terminals accept a #10 screw.
- Approved to UL 467 Grounding and Bonding standard.
- DFARS Compliant

LENGTH		PART NO.	DESCRIPTION
in.	mm.		
6	152.4	**S6506**	SunJumper 6
11	279.4	**S6511**	SunJumper 11
18	457.2	**S6518**	SunJumper 18



Material	6 AWG tinned copper braided wire
Certifications	UL Listed under Underwriters' Laboratories File E467246

Quick Specs

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HEYCO

Heyco® SunClamp™ Stainless Steel Cable Clamps

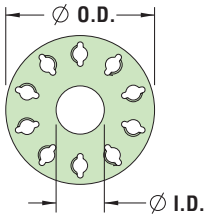
MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.	SCREW SIZE	PART DIMENSION A in.	PART DIMENSION A mm.	PART NO.	DESCRIPTION
Standard – "P Clamp" Design						
.203	5,2	10	.25	6,3	**S3374**	CC H 1/4 SS
			.38	9,5	**S3376**	CC H 3/8 SS
			.50	12,7	**S3378**	CC H 1/2 SS
			.63	15,9	**S3380**	CC H 5/8 SS
			.75	19,1	**S3382**	CC H 3/4 SS
			.88	22,2	**S3384**	CC H 7/8 SS
Standard – Coated						
.203	5,2	10	.25	6,3	**S3324**	CC H 1/4 SSC
			.38	9,5	**S3326**	CC H 3/8 SSC
			.50	12,7	**S3328**	CC H 1/2 SSC
			.63	15,9	**S3330**	CC H 5/8 SSC
			.75	19,1	**S3332**	CC H 3/4 SSC
			.88	22,2	**S3334**	CC H 7/8 SSC

- For clamping cable or tubing securely into place, especially in **harsh environments**.
- Smooth "coined" clamp edges prevent damage to cable insulation.
- Constructed from corrosion resistant 304 stainless steel.
- Insulated parts are constructed from 304 stainless steel and coated with polyolefin, a thermoplastic co-polymer that provides a durable non-toxic, odorless coating that has very good low temperature flexibility and excellent electrical properties. This coating also has FDA food contact approval.
- Consult Heyco for larger sizes.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- All parts require a .203" (5.2 mm) mounting hole suitable for a #10 screw.
- DFARS Compliant

Heyco® SunStars™

Grounding Spacers for Module to Rack Applications

PART DIMENSIONS Inside Dia. in.	PART DIMENSIONS Inside Dia. mm.	PART DIMENSIONS Outside Dia. in.	PART DIMENSIONS Outside Dia. mm.	PART NO.	DESCRIPTION
.32	8,1	.75	19,1	**S6480**	SSGS 750-320
		1.00	25,4	**S6481**	SSGS 1000-320
		1.25	31,8	**S6482**	SSGS 1250-320



- **Create bond between PV module and racking system**.
- UL Recognized to UL Standard 2703
- Universal design for quick installation. Extrusions are symmetrically opposed for maximum strength.
- Stainless steel construction for maximum durability.
- DFARS Compliant

Material	304 Stainless Steel
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E467241 (SunStars only)

Quick Specs

HEYCO

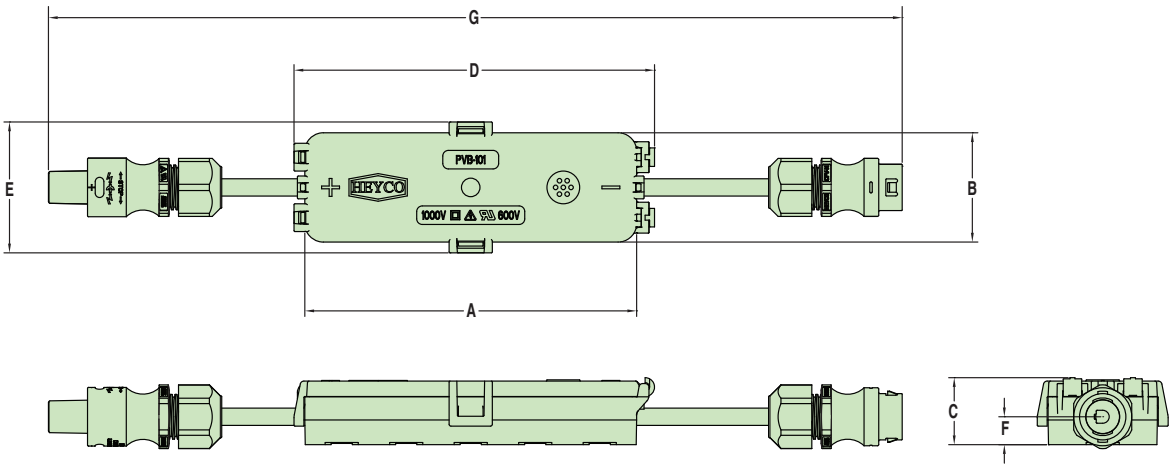
Heyco® PVB 101 Single Diode Solar Junction Box

For Single Diode, Double Ribbon Photovoltaic Panels

- **Highest performance rated axial diode on the market** for a single diode box application.
- Low insertion force connection of PV ribbons for quick and easy assembly with no soldering.
- Low profile single panel design to accommodate a two ribbon panel.
- Cable strain relief incorporated in box.
- Practical internal volume and venting for good thermal dissipation and low interior temperatures.
- RoHS and REACH compliant eco-friendly solderless internal connections.
- Sizeable opening for conductor ribbons.
- **Ambient temperature range of -40°F (-40°C) to 221°F (105°C) (UL)**.

PART NO.	DESCRIPTION	PART DIMENSIONS													
		A Box Length		B Box Width		C Max O.A. Height		D Max O.A. Length		E Max O.A. Width		F Centerline of Leads		G* O.A. Length inc. Leads	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
S6115	PVB 101	5.38	136,6	1.77	45,0	1.09	27,6	5.84	148,3	2.14	54,3	.50	12,7	78.00	1981,2

*Junction boxes supplied with positive and negative cables in 3 ft. length–contact Heyco for different lengths.



Quick Specs

Material	Polycarbonate housing with UV stability
Certifications	Recognized under Underwriters' Laboratories File E325860
Flammability Rating	VO, 5VA
Temperature Range	-40°F (-40°C) to 221°F (105°C)
IP Rating	IP 65

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HEYCO

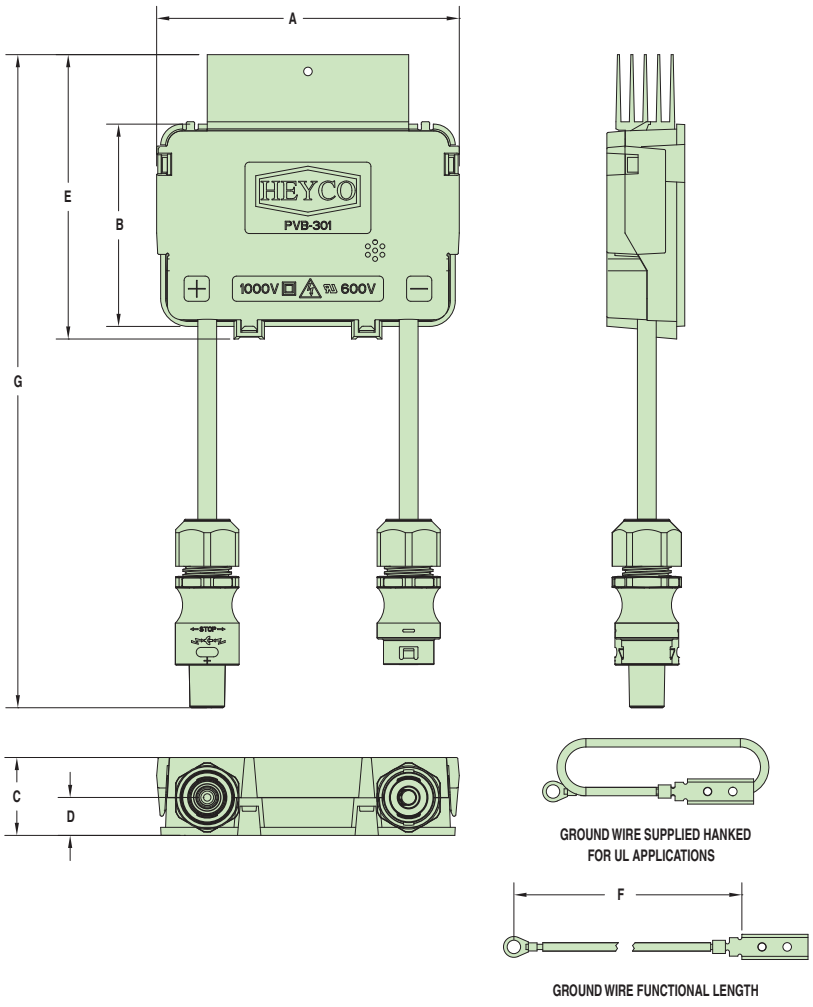
Heyco® PVB 301 Multi-Diode Solar Junction Box

For Larger, Multiple Diode, Four Ribbon Photovoltaic Panels

Robust Design for Temperature Sensitive Applications

PART NO.	DESCRIPTION	PART DIMENSIONS													
		A Box Width		B Box Length		C Max O.A. Height		D Centerline of Leads		E Max O.A. Length		F Ground Lead Length		G* O.A. Length inc. Leads	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
S6135	PVB 301	4.50	114,3	3.01	76,5	1.16	29,5	.57	14,4	4.24	107,7	36.0	914,4	40.0	1016,0

*Junction boxes supplied with positive and negative cables in 3 ft. length–contact Heyco for different lengths.



- Robust built-in heat sink guards against heat buildup and allows the use of higher current TO-220 bypass diodes. **Excellent for temperature sensitive applications**.
- Low insertion force connection of PV Ribbons for quick and easy assembly with no soldering.
- Practical internal volume and venting for good thermal dissipation and low interior temperatures.
- Maximum Voltage Rating: 600VDC UL/1000VDC IEC
- RoHS and REACH compliant eco-friendly solderless internal connections.
- Sizeable opening for conductor ribbons.
- Ground wire (included) required for UL applications.
- **U.S. Patent No. 8113853B2.**

Material	Polycarbonate housing with UV stability
Certifications	Recognized under Underwriters' Laboratories File E325860
	Certification Number R72111836
Flammability Rating	VO, 5VA
Temperature Range	-40°F (-40°C) to 221°F (105°C)
IP Rating	IP 65

Quick Specs

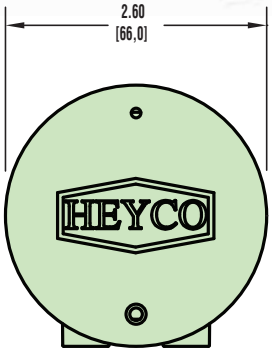
HEYCO

Heyco® PVB 001 Diodeless Solar Junction Boxes

For Use in Applications Which Require a Diodeless Junction Box

- **Low profile design** minimizes use of potting material while permitting ample access for electrical connections.
- Low cost two piece construction for potted applications.
- Durably constructed of high temperature polycarbonate with 5VA and UL f1 ratings to withstand outdoor exposure with excellent cold impact capabilities.
- Lid securely snaps on without use of tools–speeds panel fabrication.
- Designed for USE-2 and 1000V PV wire.
- Housing only–for custom connection needs, please consult Heyco.
- For special applications, please contact Heyco.

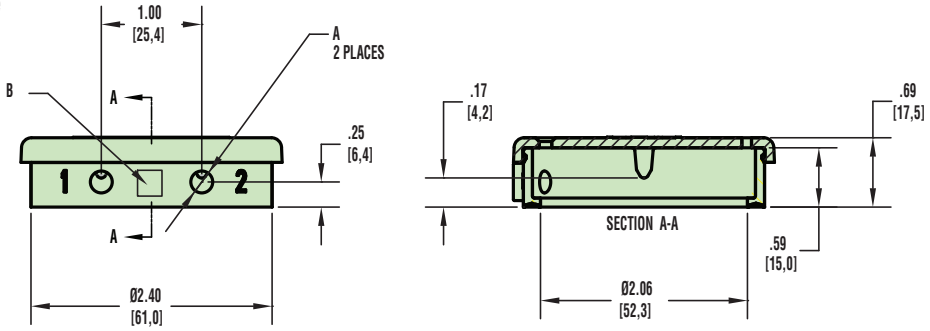
PART NO.	DESCRIPTION	PART DIMENSIONS A Hole Diameter in.	A Hole Diameter mm.	B Maximum Cable Diameter in.	B Maximum Cable Diameter mm.	WIRE TYPE
S6194	PVB 001 Set (4,7 mm)	.19	4,7	.18	4,7	12 AWG USE-2
S6190	PVB 001 Set (5,1 mm)	.22	5,6	.20	5,1	10 AWG USE-2
S6192	PVB 001 Set (7,6 mm)	.31	7,9	.30	7,6	10 AWG PV-Wire



PN S6199

Optional mounting plate for use with flexible panel applications for added secureness

Junction Box attaches to plate clips on opposite side of panel



Quick Specs

Material	Polycarbonate housing with UV stability
Flammability Rating	VO, 5VA
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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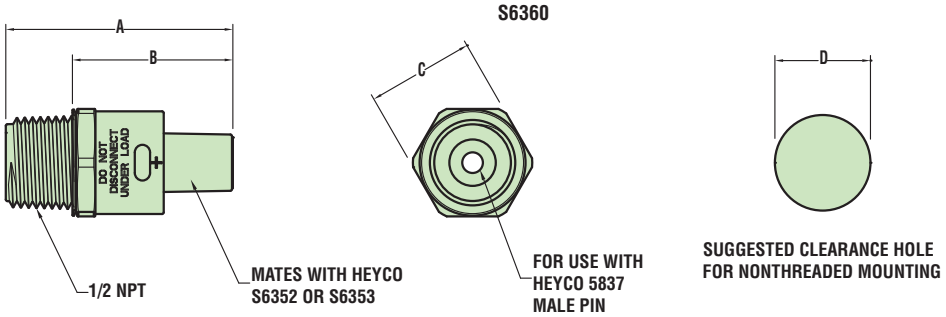
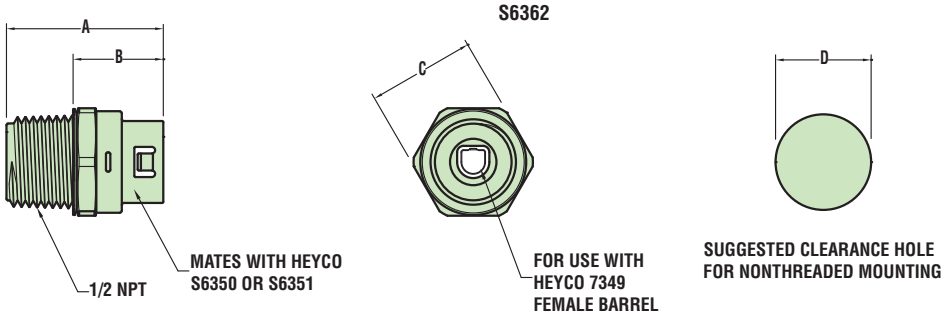
HEYCO

Heyco® CPV Solar Bulkhead Connectors

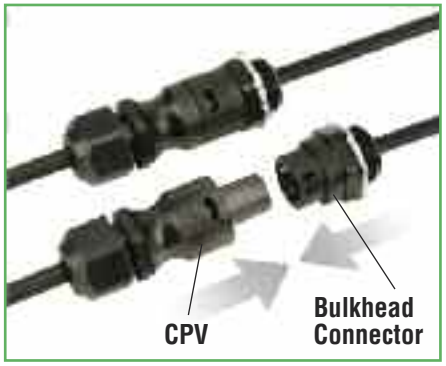
With Integral Sealing Ring for Creating a Liquid Tight Seal Through a Panel

PART NO. Black	DESCRIPTION	PART DIMENSIONS A Max O.A. Length in.	A mm.	B Mounted Length in.	B mm.	C Wrenching Flats in.	C mm.	D Clearance Hole in.	D mm.
S6360	CPV-P-BH	2.08	52,8	1.47	37,3	.98	24,9	.875	22,2
S6362	CPV-N-BH	1.44	36,5	.83	21,0				





- Bulkhead connectors mate with Heyco CPV Solar Connectors **creating a liquid tight seal through the panel**.
- Provided with an assembled metal locknut.
- Integral sealing ring ensures a superior seal at the mounting hole location, every time.
- Crimp to stranded wire 14 to 10 gauge for internal connections.
- 1/2˝ NPT thread for installation into 1/2˝ knock-out hole.
- Polycarbonate construction for good chemical and impact resistance.
- Disconnection (PN S6390) and crimping tools (PN S6392 for 10 & 12 AWG wire) available, See page 1-21.
- Maximum Voltage Rating: 600VDC UL/1000VDC IEC
- RoHS and REACH compliant.
- **U.S. Patent No. 8398419B2**.



Material		Polycarbonate
Certifications	c UL us	Recognized under the Component Program of Underwriters' Laboratories File E344722.
		Certification Number R60033714
Flammability Rating		VO
Temperature Range		-40°F (-40°C) to 221°F (105°C)
IP Rating		IP 65 & IP 67

Quick Specs

HEYCO

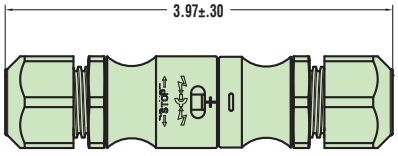
Heyco® CPV Solar Connectors

For Photovoltaic Wire Interconnections

- **Large cable diameter range** covers a wide range of USE-2 and 1000V PV cables.
- CPV Solar Connectors mate with Heyco Bulkhead Connectors (page 2-34) creating a liquid tight seal through the panel.
- Acme threads on cap to prevent skipping and speed install.
- **Connectors meet all UL cold impact requirements of -35°C test.**
- **Connectors meet all NEC requirements for solar installations.**
- Polycarbonate construction for good chemical and impact resistance.
- Rated Current: 22A (2,5 mm²), 30A (4 mm²-6 mm²).
- Rated Voltage, 1kV DC.
- Overvoltage category III.
- Pollution degree, 3.
- Crimped terminal connections.
- Non-rewireable conductor connections.
- Reference to DIN V VDE V0126-3:2006.
- RoHS and REACH compliant.
- **U.S. Patent No. 8398419B2**.

CABLE DIA. RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS					
Min Dia		Max Dia		Black		A Max O.A. Length		B Body Length		C Wrenching Flats	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.
.26	6,6	.32	8,0	**S6350**	CPV-P-80	2.80	71,1	2.17	55,1	.94	23,9
.17	4,3	.23	5,8	**S6351***	CPV-P-58						
.26	6,6	.32	8,0	**S6352**	CPV-N-80	2.16	54,9	1.78	45,2	.94	23,9
.17	4,3	.23	5,8	**S6353***	CPV-N-58						

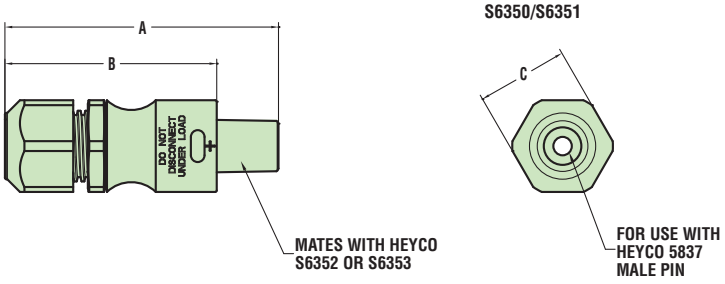
*For TUV certification, the minimum cable diameter will be .208 in (5,3 mm).



ASSEMBLED VIEW

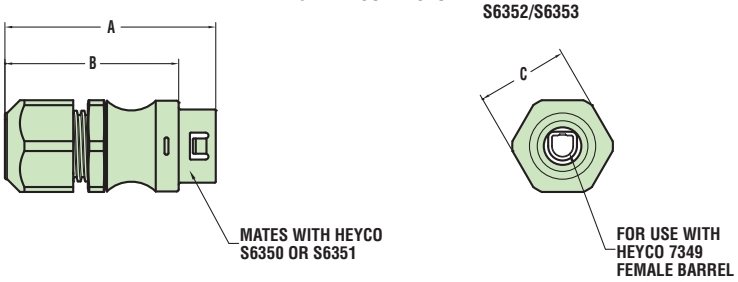
POSITIVE CONNECTOR

S6350/S6351



NEGATIVE CONNECTOR

S6352/S6353



Heyco CPV Solar Disconnection Tool S6390

Heyco CPV Solar Crimping Tool S6392

Material		Polycarbonate
Certifications	c UL us	Recognized under the Component Program of Underwriters' Laboratories File E344722.
		Certification Number R60033714.
Flammability Rating		V0
Temperature Range		-40°F (-40°C) to 185°F (85°C)
IP Rating		IP 65 & IP 67

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HEYCO

Heyco® CPV Solar Connector Sets

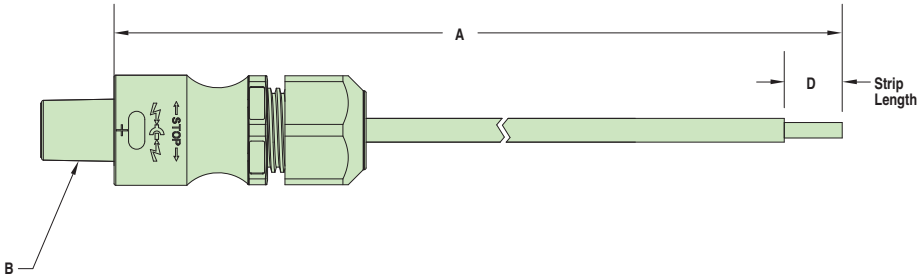
With Custom Termination Capability

TYPE	CABLE		PART NO.	TERMINATIONS			LENGTH *
	Gauge AWG	Type		B	C	D in.	A ft.
CPV-P Connection Cable	10	USE-2	**S6310-6.0**	CPV-P	none*	1/2	6.0
		PV 1000	**S6311-6.0**				
CPV-N Connection Cable	10	USE-2	**S6314-6.0**	CPV-N			
		PV 1000	**S6315-6.0**				
CPV-P/CPV-N Jumper Cable	10	USE-2	**S6318-6.0**	CPV-P	CPV-N	n/a	6.0
		PV 1000	**S6319-6.0**				
CPV/MC4 Conversion Cable	10	USE-2	**S6322-6.0**	CPV-P	MC-4-NEG	n/a	6.0
			S6323-6.0	CPV-N	MC-4-POS		
		PV 1000	**S6326-6.0**	CPV-P	MC-4-NEG		
			S6327-6.0	CPV-N	MC-4-POS		

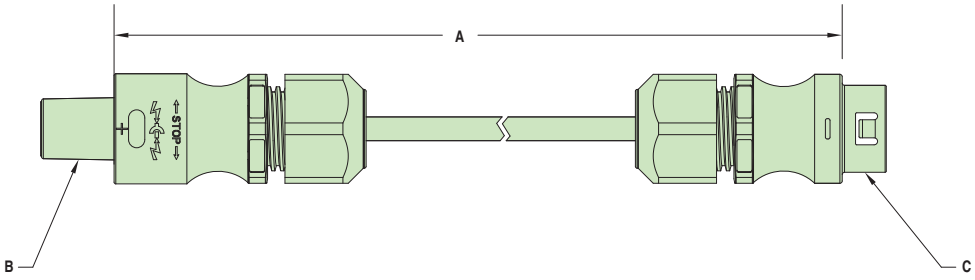
***Other lengths available. Consult Heyco for custom lengths, applied Ring/Spade Terminals and other configurations.**

- **Precut and terminated CPV assemblies.**
- Constructed from UV resistant 10AWG UL/TUV approved solar cable.
- Suitable for UL and IEC solar installations.
- **Heyco Connectors are UL and TUV approved.**
- **Connectors meet UL cold impact test of -35°C.**
- **Connectors meet all NEC requirements for solar installations.**
- Maximum cable assembly current rating - 30 amps.
- MC4 conversion cables and additional cable lengths available upon request.

CPV CONNECTION CABLES



CPV JUMPER & CONVERSION CABLES



Material		Polycarbonate
Certifications	c UL us	Recognized under the Component Program of Underwriters' Laboratories File E344722.
		Certification Number R60033714.
Flammability Rating		V0
Temperature Range		-40°F (-40°C) to 185°F (85°C)
IP Rating		IP 65 & IP 67

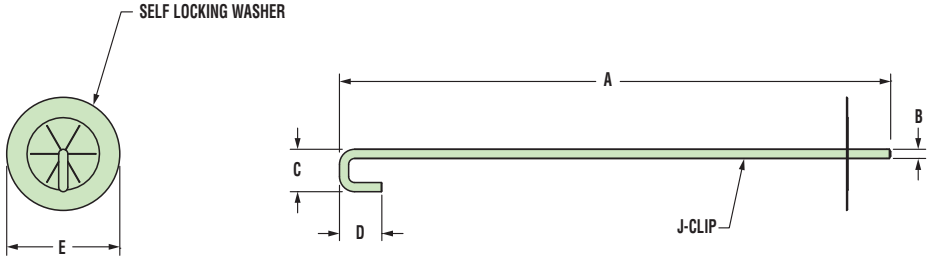
Quick Specs

HEYCO

Heyco® SunScreener® Wire Mesh Clip

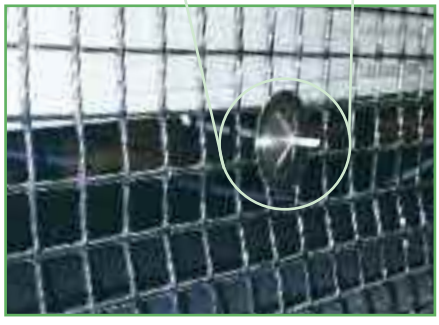
- **Helps protect solar panels from rodents and nesting birds with wire mesh screening** (screening not included). See Heyco Sunscreen below.
- Constructed from 303 and 304 Stainless Steel for maximum endurance to outdoor elements.
- 303 Stainless Steel J-Hook easily attaches to the solar panel frames and can easily be trimmed or bent after assembly.
- 304 Stainless Steel Washers will firmly hold wire mesh screen to the module assembly preventing squirrels and rodents from damaging the interconnection wires and birds from building nests under the solar panel.
- Does not violate panel integrity.
- Installs quickly and easily with standard linesman pliers
- Black color available for those applications subject to **HOA appearance restrictions**.
- Stainless Steel Washers are offered in both steel color and black painted versions.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

PART NO.		PART DIMENSIONS CLIP DIMENSIONS									
Steel Gray	Black	A Overall Length		B Diameter		C Width		D Height		E Washer Diameter	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
Stainless Steel											
S6437	**S6438**	4.87	124,0	.08	2,0	.38	9,7	.38	9,7	1.00	25,4



Heyco® SunScreen™

Wire Mesh - For use with Heyco SunScreener Clips



PART NO.	PART DIMENSIONS	
Black	Width in.	Length feet
S6464	4	100´ Rolls
S6466	6	
S6468	8	

- DFARS Compliant
- For SunScreener Clips and SunScreen Mesh bundled in **Kit** form, see page 1-1.

Quick Specs

	SunScreener Wire Mesh Clip		SunScreen Wire Mesh
Material	J-Hook	303 Stainless steel	PVC Coated, galvanized welded steel mesh
	Washer	304 Stainless steel	

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HEYCO® Liquid Tight Flexible Conduit, Tubing and Fittings

2-1 Heyco-Flex I Flexible Nonmetallic Conduit

2-1 Heyco-Flex I Female Conduit Adapters

2-2 Heyco-Flex II Flexible Nonmetallic Tubing

2-3 Heyco-Flex Liquid Tight Connectors – Straight-Thru, NPT

2-4 Heyco-Flex Liquid Tight Connectors – Straight-Thru, Snap-In

2-5 Heyco-Flex Liquid Tight Connectors – 90° Sweep, NPT

2-6 Heyco-Flex Metallic Liquid Tight Conduit Fittings Straight-Thru, NPT

2-6 Heyco-Flex Metallic Liquid Tight Conduit Fittings 90° Sweep, NPT

2-7 Heyco-Flex Quick Twist Conduit Fittings Straight-Thru, Snap-In

2-7 Heyco-Flex Quick Twist Finishing Collars

2-8 Heyco-Flex Quick Twist Liquid Tight Conduit Fittings Straight-Thru, NPT

2-8 Quick Twist Assembly Tool

2-9 Heyco-Flex Quick Twist Conduit Fittings 90° Sweep, Snap-In

2-10 Heyco-Flex Quick Twist Conduit Fittings 90° Sweep, NPT

2-11 Heyco-Flex VI Liquid Tight Conduit

2-12 Heyco-Flex IV Liquid Tight Fittings – Straight-Thru, NPT

2-12 Heyco-Flex IV Liquid Tight Fittings – 90° Sweep, NPT

2-13 & 2-14 Metal and Nylon Locknuts – NPT (NPS), Pg & Metric

2-15 Heyco-Flex Mounting Brackets & Sealing Washers

2-16 Retaining Sealing Washers

2-17 Foam Washers & Thermoplastic O-Rings

2-18 Heyco-Flex III 94V-0 Flexible, Nylon Liquid Tight Tubing

2-18 Female Threaded Couplings

2-19 Heyco-Flex III Liquid Tight Fittings – Straight-Thru, NPT

2-19 Heyco-Flex III Liquid Tight Fittings – Straight-Thru, Snap-In

2-20 Heyco-Flex III Liquid Tight Fittings – 90° Sweep, NPT

2-21 Nylon Corrugated Conduit/Tubing – Highly Flexible FPAS

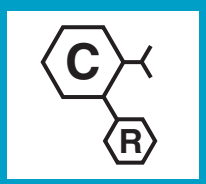
2-22 Nylon Conduit/Tubing Mounting Clips

2-22 Nylon Conduit/Tubing Unions

2-23 Nylon Conduit Fittings – Straight-Thru, NPT

2-24 Nylon Conduit Fittings – Straight-Thru, Pg

2-25 Nylon Conduit Fittings – Straight-Thru, Metric



2-26 Corrugated Conduit Systems Chemical Resistance

2-27 Corrugated Conduit Systems Performance

HEYCO

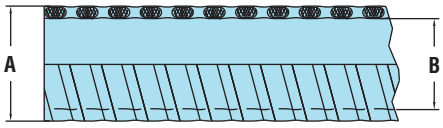
Heyco-Flex™ I Liquid Tight Conduit

Flexible, Nonmetallic Liquid Tight Electrical Conduit

- Smooth inside for easier wire pulling; no hazardous sharp edges or burrs; will not damage conductors.
- Lightweight and lower installed cost.
- Integral rigid and flexible PVC construction.
- Use with nylon Heyco-Flex Connectors; Straight, Snap-in, or Sweep. See pages 2-3 to 2-5.
- Also use with NPT Quick Twist Fittings. See pages 2-8 and 2-10.
- May also be used with Heyco's Metallic Fittings for Liquid Tight Conduit. See page 2-6.
- Resists corrosion, abrasion, oil, water, acid, metal shavings, and rough environments.
- Resists abuse, pull, and crushing.
- Approved for direct burial.
- Sunlight resistant.
- Suitable for indoor/outdoor use:
  - HVAC Equipment
  - Machine Tools
  - Marine Equipment
  - Motors and Controls
  - Printing Equipment
  - Pumps
  - Refrigeration Equipment
- Temperature ratings:
  80°C (176°F) DRY
  70°C (158°F) OIL Resistance
  60°C (140°F) WET locations
- Passes submersion test of 70 psi.
- **Voltage rating: 600V**.
- **Mounting brackets are available, see page 2-15**.
- **Order Part No. 8340**, HF-28 Cutting Tool, for cutting Heyco-Flex conduit and tubing cleanly and evenly. See page 2-2.

TRADE SIZE	PART NO. Gray	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Outside Diameter in.	A Outside Diameter mm.	B Inside Diameter in.	B Inside Diameter mm.	STANDARD COIL LENGTH* ft/coil
3/8	**8430**	**8430B**	HF1 3/8	.70	17,8	.49	12,5	
1/2	**8431**	**8328**	HF1 1/2	.83	21,1	.63	16,1	
3/4	**8432**	**8432B**	HF1 3/4	1.04	26,4	.83	21,1	100
1	**8433**	**8433B**	HF1 1	1.30	33,1	1.05	26,8	
1-1/4	**8434**	**8434B**	HF1 1-1/4	1.65	41,8	1.40	35,4	
1-1/2	**8435**	**8435B**	HF1 1-1/2	1.88	47,8	1.59	40,3	50
2	**8436**	**8436B**	HF1 2	2.36	59,9	2.03	51,6	

Standard color gray. Consult Heyco for black and other colors.
*Consult Heyco for Cut to Length Availability.



Material	PVC
Certifications	UL Listed under Underwriters' Laboratories File E121096
	CSA Certified by Canadian Standards Association File 233010
Flammability Rating	VW1
Temperature Range	-.4°F (-18°C) to 167°F (75°C)

Heyco-Flex™ I Female Conduit Adapters

For Heyco Liquid Tight Cordgrips and other NPT Hub Components

TRADE SIZE	PART NO. Gray	DESCRIPTION
1/2	**8658**	FCA 1/2
3/4	**8659**	FCA 3/4
1	**8660**	FCA 1
1-1/4	**8661**	FCA 1-1/4
1-1/2	**8662**	FCA 1-1/2
2	**8663**	FCA 2

- Cement onto HF1 Conduit and **convert the rough cut end into an NPT threaded hub**.
- Allow for the installation of Heyco Liquid Tight Cordgrips (Section 3) as well as other NPT hub parts, onto the end of Heyco-Flex I Conduit.
- **Solar App:** The solar installer can run PV conductors through a **Heyco Solar Masthead/Heyco Flex I assembly**, using a Female Conduit Adapter, from the roof to the field level inverter.

Material	Schedule 80 PVC

Quick Specs

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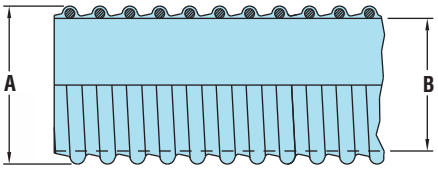
HEYCO

Heyco-Flex™ II Liquid Tight Tubing

Flexible, Nonmetallic Liquid Tight Electrical Tubing

TRADE SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Outside Diameter in.	A Outside Diameter mm.	B Inside Diameter in.	B Inside Diameter mm.	STANDARD COIL LENGTH ft/coil
1/4	**8449**	HF2 1/4	.57	14,4	.40	10,0	100
3/8	**8450**	HF2 3/8	.70	17,8	.49	12,5	
1/2	**8451**	HF2 1/2	.83	21,1	.63	16,1	
3/4	**8452**	HF2 3/4	1.04	26,4	.83	21,1	
1	**8453**	HF2 1	1.30	33,1	1.05	26,8	
1-1/4	**8454**	HF2 1-1/4	1.65	41,8	1.40	35,4	
1-1/2	**8455**	HF2 1-1/2	1.88	47,8	1.59	40,3	50
2	**8456**	HF2 2	2.36	59,9	2.03	51,6	

Standard color black.
Consult Heyco for Cut to Length Availability.



- Maximum flexibility; can be used in extremely tight quarters.
- Smooth inside for easier wire pulling.
- Lightweight and lower installed cost.
- Integral rigid and flexible PVC construction.
- Use with nylon Heyco-Flex Connectors: Straight, Snap-in, or Sweep. See pages 2-3 to 2-5.
- Also use with Quick Twist Fittings. See pages 2-7 to 2-10.
- 1/4˝ thru 2˝ trade sizes.
- Resists corrosion, oil, and water.
- UV resistant.
- Suitable for use in high vibration or flexing applications:
  - Automotive Equipment
  - Computers and Peripherals
  - Fiber Optics
  - Lab Equipment
  - Lasers
  - Office Equipment
  - Processing Control and Monitoring Equipment
  - Robotics
  - White Goods
- Passes submersion test of 70 psi.
- **Voltage Rating: 300V**.
- **Mounting brackets are available, see page 2-15.**
- **Order Part No. 8340**, HF-28 Cutting Tool, for cutting Heyco-Flex tubing and conduit cleanly and evenly.

Material	PVC
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E121095
	Certified by Canadian Standards Association File 233010
Flammability Rating	VW1
Temperature Range	-.4°F (-18°C) to 158°F (70°C)

Quick Specs

HEYCO

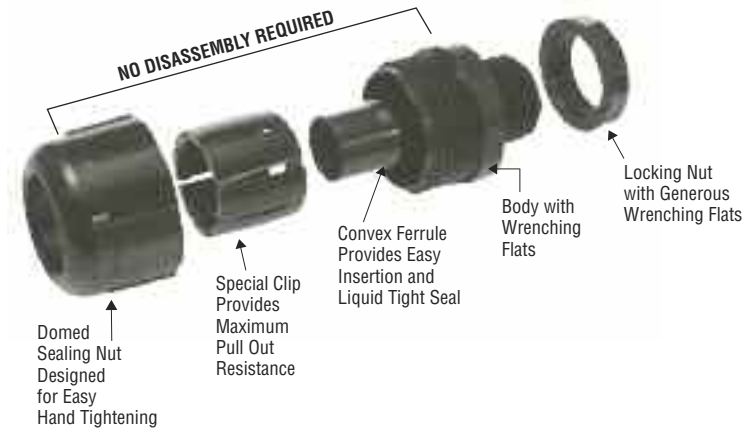
Heyco-Flex™ Liquid Tight Conduit Fittings

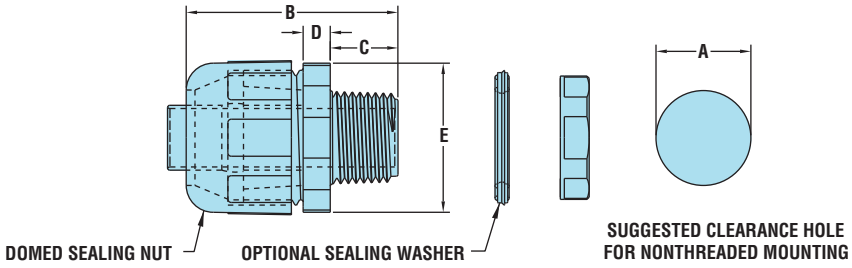
For Flexible, Nonmetallic Liquid Tight Heyco-Flex™ I Conduit and Heyco-Flex™ II Tubing
Straight-Thru, NPT Hubs

- No disassembly required. Instead, the installer simply pushes the conduit or tubing onto the ferrule, then tightens the domed sealing nut. This completed assembly can then be secured in the panel by the locknut or into an NPT threaded hole.
- Convex ferrule ensures liquid tight seal.
- No threading of the conduit or tubing is required to install. This eliminates the possibility of cutting the conduit and creating leak paths.
- Complete conduit/connector system is reusable. Conduit will not wind tight onto the connector during assembly and can be easily removed by pulling while turning in a clockwise direction.
- Multiple sizes for use with Heyco-Flex Conduit and Tubing. See pages 2-1 and 2-2.
- Suitable for indoor/outdoor use; for original equipment manufacturers or field installers.
- Use of a sealing washer may be required for wet locations. See page 2-15.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification and testing.)
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- Black connectors up to 1″ provided with nylon locknut, packed separately. Larger than 1″ provided with O-ring and metal locknut.
- Gray connectors provided with assembled O-ring and metal locknuts.
- See pages 2-13 and 2-14 for locknuts.

FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	PART NO. Gray	DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT A Clearance Hole in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thk. in.	D mm.	E Wrenching Flat Size in.	E mm.
1/4	**8398**	-	HFC 1/4-PG7*	PG7	.492	12,5	1.13	28,7	.45	11,4	.21	5,3	1.00	25,4
3/8	**8400**	**8401**	HFC 3/8	1/2″ NPT	.875	22,2	1.96	49,8	.63	16,0	.25	6,3	1.33	33,7
1/2	**8402**	**8403**	HFC 1/2		**									
3/4	**8404**	**8405**	HFC 3/4	3/4″ NPT	1.109	28,1	2.04	52,8	.63	16,0	.25	6,3	1.56	39,6
1	**8406**	**8407**	HFC 1	1″ NPT	1.375	34,9	2.25	57,2	.78	19,8	.25	6,3	1.81	46,0
1-1/4	**8638**	**8639**	HFC 1-1/4	1-1/4″ NPT	1.734	44,0	2.07	52,6	.69	17,4	.25	6,3	2.15	54,6
1-1/2	**8640**	**8641**	HFC 1-1/2	1-1/2″ NPT	1.984	50,4	2.28	57,9	.78	19,8	.28	7,0	2.40	61,0
2	**8642**	**8643**	HFC 2	2″ NPT	2.469	62,7	2.26	66,0	.85	21,6	.31	7,9	2.98	75,6

Standard colors black and gray.
*Standard color black. Recognized under UL file E121095. For PG 7 thread specification, see page 3-49.
**Fittings use same mounting hole size but attach two different conduit sizes.





Material	Nylon 6/6
Certifications	UL Listed under Underwriters' Laboratories File E28430
	CSA Certified by Canadian Standards Association File 84579 and 81067
Flammability Rating	94V-2
Temperature Range	-22°F (-30°C) to 221°F (105°C)
IP Rating	IP 68 up to 70 psi (5 bar) water pressure

Quick Specs

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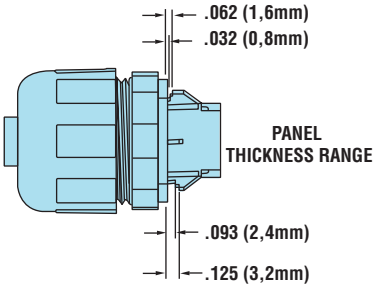
HEYCO

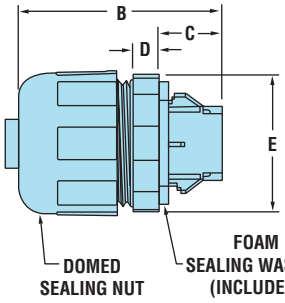
Heyco-Flex™ Liquid Tight Conduit Fittings

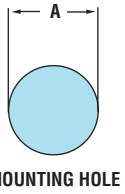
For Flexible, Nonmetallic Liquid Tight Heyco-Flex™ I Conduit and Heyco-Flex™ II Tubing
Straight-Thru, Snap-In Hubs

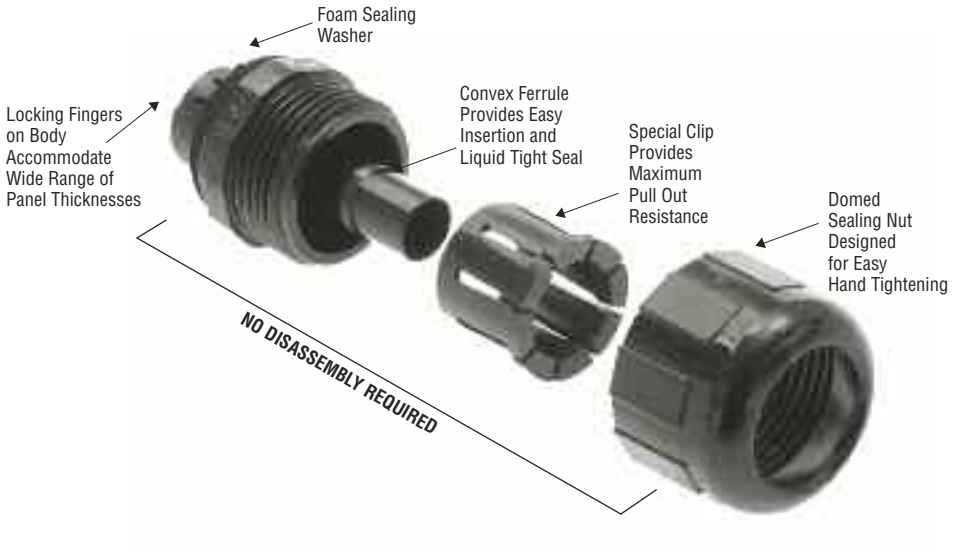
FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Mounting Hole Dia.		B Max O.A. Length		C Body Length		D Wrenching Nut Thk.		E Wrenching Flat Size	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/4	**8382**	HFC 1/4-S	.500	12,7	1.50	38,1	.45	11,3	.22	5,6	.88	22,2
3/8	**8384**	HFC 3/8-S	.875	22,2	2.00	50,8	.63	15,9	.25	6,3	1.33	33,7
1/2	**8386**	HFC 1/2-S										
3/4	**8388**	HFC 3/4-S	1.090	27,7	2.03	51,6	.63	15,9	.25	6,3	1.56	39,7
1	**8390**	HFC 1-S	1.375	34,9	2.25	57,1	.78	19,8	.25	6,3	1.81	46,0

Standard color black.

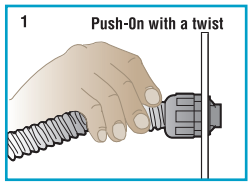


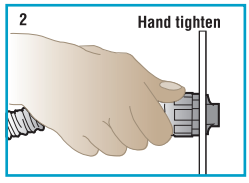






- Assembly friendly! The installer simply pushes the conduit or tubing onto the ferrule, then tightens the domed sealing nut. This completed assembly can then be snapped into the panel with fingertip pressure.
- Convex ferrule ensures liquid tight seal.
- No threading of the conduit or tubing required to install. This eliminates the possibility of cutting the conduit and creating leak paths.
- Complete conduit/fitting system is reusable. Conduit will not wind tight onto the connector during assembly and can be easily removed by pulling while turning in a clockwise direction.
- Multiple sizes for use with Heyco-Flex Conduit and Tubing. See pages 2-1 and 2-2.
- Suitable for indoor/outdoor use; for original equipment manufacturers or field installers.
- Resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification or testing.)
- Foam sealing washer **included**.





Material	Nylon 6/6
Certifications	Ⓤ Listed under Underwriters' Laboratories File E28430
	Ⓒ Certified by Canadian Standards Association File 84579 and 81067
Flammability Rating	94V-2
Temperature Range	-22°F (-30°C) to 221°F (105°C)
IP Rating	IP 68 up to 70 psi (5 bar) water pressure

Quick Specs

HEYCO

Heyco-Flex™ Liquid Tight Conduit Fittings

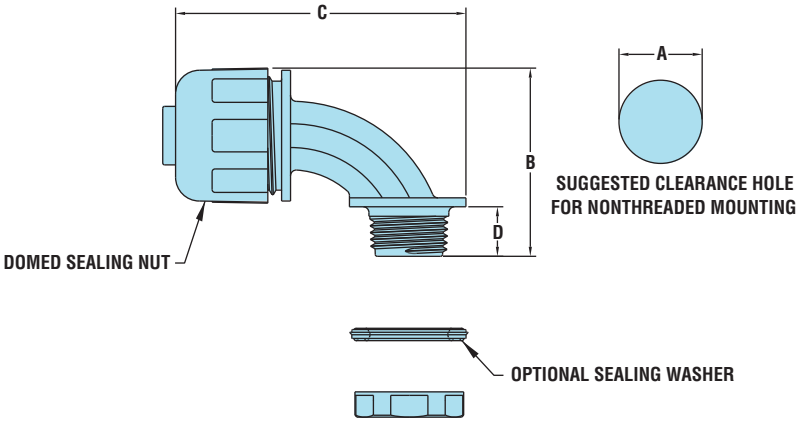
For Flexible, Nonmetallic Liquid Tight Heyco-Flex™ I Conduit and Heyco-Flex™ II Tubing

90° Sweep, NPT Hubs

- Smooth internal surfaces for easier wire installation around corner angles.
- No disassembly required. Instead, the installer simply pushes the conduit or tubing onto the ferrule, then tightens the domed sealing nut. This completed assembly can then be secured in the panel by the locknut or into an NPT threaded hole.
- Convex ferrule ensures liquid tight seal.
- No threading of the conduit or tubing is required to install. This eliminates the possibility of cutting the conduit and creating leak paths.
- Complete conduit/connector system is reusable. Conduit will not wind tight onto the connector during assembly and can be easily removed by pulling while turning in a clockwise direction.
- Lower installed cost.
- Multiple sizes for use with Heyco-Flex Conduit and Tubing. See pages 2-1 and 2-2.
- Suitable for indoor/outdoor use; for original equipment manufacturers or field installers.
- Resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification and testing.)
- Use of a sealing washer may be required for wet locations. See pages 2-15.
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- Black connectors up to 1˝ provided with nylon locknut, packed separately. Larger than 1˝ provided with O-ring and metal locknut.
- Gray connectors provided with assembled O-ring and metal locknut.
- See pages 2-13 and 2-14 for locknuts.

FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	PART NO. Gray	DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT A Clearance Hole in.	A mm.	B Max. O.A. Height in.	B mm.	C Max. O.A. Length in.	C mm.	D Thread Length in.	D mm.
3/8	**8423**	**8424**	HFC 3/8-90R	1/2 NPT	.875	22,2	1.98	50,3	2.91	73,9	.52	13,2
1/2	**8425**	**8426**	HFC 1/2-90R									
3/4	**8427**	**8428**	HFC 3/4-90R	3/4 NPT	1.109	28,1	2.29	58,2	3.17	80,5	.52	13,2
1	**8412**	**8413**	HFC 1-90R	1 NPT	1.375	34,9	2.83	71,9	3.96	100,6	.69	17,5
1-1/4	**8652**	**8653**	HFC 1-1/4-90R	1-1/4 NPT	1.734	44,0	4.10	104,1	4.73	104,1	.76	19,3
1-1/2	**8654**	**8655**	HFC 1-1/2-90R	1-1/2 NPT	1.984	50,4	4.75	120,7	5.20	132,1	.80	20,3
2	**8656**	**8657**	HFC 2-90R	2 NPT	2.469	62,7	5.42	137,7	5.80	147,3	.86	21,8

Standard colors black and gray.



Material	Nylon 6/6
Certifications	UL Listed under Underwriters' Laboratories File E28430
	CSA Certified by Canadian Standards Association File 84579 and 81067
Flammability Rating	94V-2
Temperature Range	-22°F (-30°C) to 221°F (105°C)
IP Rating	IP 68 up to 70 psi (5 bar) water pressure

Quick Specs

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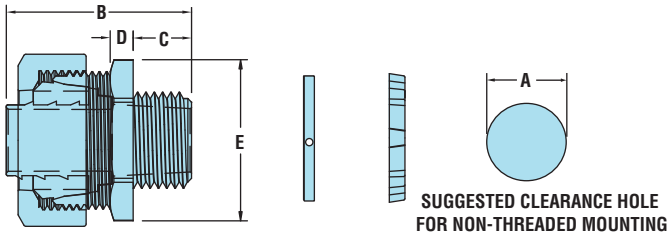
HEYCO

Heyco-Flex™ Metallic Liquid Tight Conduit Fittings

For use with Nonmetallic Heyco-Flex™ I Electrical Conduit

Straight-Thru, NPT Hubs

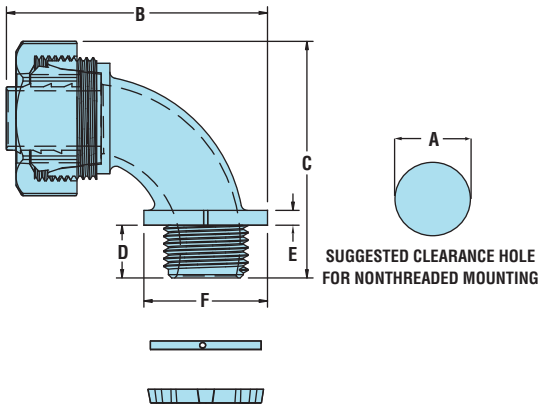
FITS CONDUIT/ TUBING TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS BODY AND SEALING UNIT A Clearance Hole		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flat Size	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/2	**9794**	HFC-Z 1/2	.890	22,6	1.270	32,3	.486	12,3	.161	4,1	1.185	30,1
1	**9793**	HFC-Z 1	1.375	34,9	1.670	42,4	.580	14,7	.161	4,1	1.690	42,9



- Cost effective die-cast zinc construction provides durability and resists rough environments.
- Liquid Tight when used with Heyco-Flex™ I Liquid Tight Conduit. See Page 2-1.
- Provide smooth connection, no sharp edges to strip wire.
- Suitable for outside, inside, and industrial uses including transformer connections, air conditioning, and heating.
- Suitable for use in both wet and dry location.
- Fit the most common sizes of nonmetallic liquid tight conduit.
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- Supplied with locknut and plastic sealing ring.
- DFARS Compliant

90° Sweep, NPT Hubs

FITS CONDUIT/ TUBING TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS BODY AND SEALING UNIT A Clearance Hole		B Max. O.A. Length		C Max. O.A. Height		D Thread Length		E Wrenching Nut Thk.		F Wrenching Flat Size	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/2	**9796**	HFC-Z 1/2-90	.890	22,6	2.346	59,6	2.118	53,8	.515	13,1	.105	2,9	1.135	28,8



Material	Die cast zinc
Certifications	UL Listed under UL File E103541

Quick Specs

HEYCO

Heyco-Flex™ Quick Twist Conduit Fittings

For use with Heyco-Flex™ II Tubing

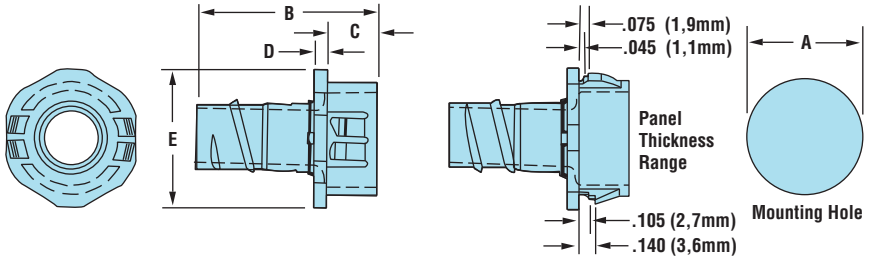
Straight-Thru, Snap-In Hubs

- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation.
- Unique locking fingers accommodate various panel thicknesses.
- Snap-in Fittings are UL recognized for use with Heyco-Flex II tubing. See page 2-2.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification and testing.)
- Suitable for a wide array of electrical applications:
  - Commercial and Industrial HVAC Systems
  - Motorized Equipment
  - Enclosed Power Sources
  - Garage Door Openers
  - Major Appliances
- Dry location only.
- Finishing collars available to neaten rough cut tubing ends.
- **Assembly Tool available for assembling Quick Twist Fittings into HF1 and HF2 Conduit and Tubing. See page 2-8.**

FITS TUBING TRADE SIZE	PART NO. Black	PART NO. Black w/ Finishing Collar*	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Mounting Hole Dia. in.	A mm.	B Overall Length in.	B mm.	C Body Length in.	C mm.	D Wrenching Nut Thickness in.	D mm.	E Flat Size in.	E mm.
1/4	8515	–	8516	HFC 1/4-S-Twist	.540	13,7	1.33	33,8	.34	8,7	.09	2,3	.75	19,1
3/8	8485	8485FC	8486	HFC 3/8-S-Twist	.875	22,2	1.38	35,0	.39	9,9	.09	2,3	1.00	25,4
1/2	8490	8490FC	8491	HFC 1/2-S-Twist										
3/4	8495	8495FC	8496	HFC 3/4-S-Twist	1.093	27,8	1.50	38,0	.39	9,9	.09	2,3	1.25	31,8

Standard colors black and gray.

*Collar not assembled.



Heyco-Flex™ Quick Twist Finishing Collars

For use with Heyco-Flex™ I and II Quick Twist Conduit Fittings

FITS CONDUIT/ TRADE SIZE	PART NO. Black	PART NO. Gray	DESCRIPTION
3/8	8474	8482	HFC TWIST 3/8 COLLAR
1/2	8475	8483	HFC TWIST 1/2 COLLAR
3/4	8476	8484	HFC TWIST 3/4 COLLAR

Standard colors black and gray. Consult Heyco for other colors.
(Not available in 1/4˝).

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E121095
Flammability Rating	94V-2
Temperature Range	-22°F (-30°C) to 221°F (105°C)

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HEYCO

Heyco-Flex™ Quick Twist Liquid Tight Conduit Fittings

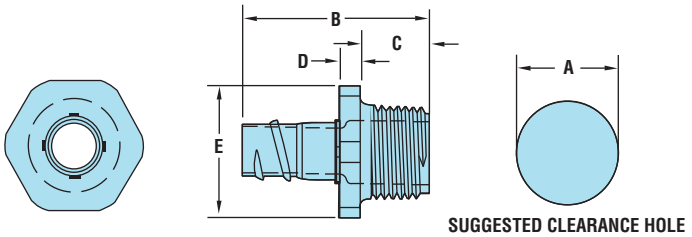
For use with Heyco-Flex™ I and II Conduit and Tubing

Straight-Thru, NPT Hubs

FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	PART NO. Black w/ Finishing Collar*	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Mounting Hole Dia. in.	A mm.	B Overall Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thickness in.	D mm.	E Flat Size in.	E mm.
1/4	**8517**	–	**8518**	HFC 1/4-Twist	.540	13,7	1.56	39,6	.47	11,8	.20	5,1	.75	19,1
3/8	**8487**	**8487FC**	**8488**	HFC 3/8-Twist	.875	22,2	1.72	43,7	.63	15,9	.20	5,1	1.18	30,0
1/2	**8493**	**8493FC**	**8494**	HFC 1/2-Twist										
3/4	**8497**	**8497FC**	**8498**	HFC 3/4-Twist	1.109	28,2	1.84	46,7	.63	15,9	.20	5,1	1.37	34,8
1	**8519**	-	**8520**	HFC 1-Twist	1.375	34,9	2.00	50,8	.76	19,3	.20	5,1	1.61	40,9

Standard colors black and gray. Consult Heyco for other colors.

*Collar not assembled.



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material	Nylon 6/6
Certifications	UL Listed under Underwriters' Laboratories File E28430
Flammability Rating	94V-2
Temperature Range	-22°F (-30°C) to 221°F (105°C)

- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule.
- NPT threaded fittings are UL approved for use with Heyco-Flex I & II conduit and tubing. See pages 2-1 and 2-2.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification and testing.)
- Suitable for a wide array of electrical applications:
  - Commercial and Industrial HVAC Systems
  - Motorized Equipment
  - Enclosed Power Sources
  - Garage Door Openers
  - Major Appliances
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- **Locknuts not included.** To order metal or nylon locknuts separately, see pages 2-13 and 2-14.
- Finishing collars available to neaten rough cut tubing ends. See page 2-7.
- See page 2-17 for O-rings.
- **Assembly Tool available for assembling Quick Twist Fittings into HF1 and HF2 Conduit and Tubing.**

Heyco® Quick Twist Assembly Tool

For use with Heyco-Flex™ Quick Twist Fittings

PART NO.	THREAD SIZE	Hub Type
0055	3/8 & 1/2	Snap-In
0056	3/4	
0057	3/8 & 1/2	NPT
0058	3/4	

HEYCO

Heyco-Flex™ Quick Twist Conduit Fittings

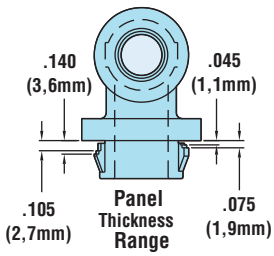
For use with Heyco-Flex™ II Tubing

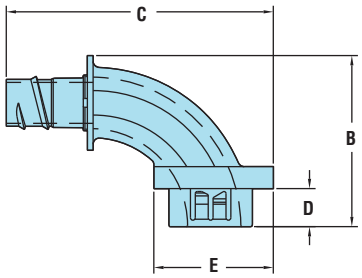
90° Sweep, Snap-In Hubs

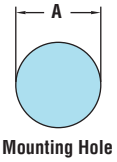
- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation around corner angles.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule.
- Snap-in Fittings are UL recognized for use with Heyco-Flex II tubing. See page 2-2.
- Unique locking fingers accommodate various panel thicknesses.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification and testing.)
- Suitable for a wide array of electrical applications:
  - Commercial and Industrial HVAC Systems
  - Motorized Equipment
  - Enclosed Power Sources
  - Garage Door Openers
  - Major Appliances
- Dry location only.
- Finishing collars available to neaten rough cut tubing ends. See page 2-7.
- **Assembly Tool available for assembling Quick Twist Fittings into HF1 and HF2 Conduit and Tubing. See page 2-8.**

FITS TUBING TRADE SIZE	PART NO. Black	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Mounting Hole Dia. in.	A mm.	B Max O.A. Height in.	B mm.	C Max O.A. Length in.	C mm.	D Hub Length in.	D mm.	E Flange Dia. in.	E mm.
3/8	**8500**	**8501**	HFC 3/8-S-90-Twist	.875	22,2	1.754	44,6	2.749	69,8	.39	9,9	1.23	31,2
1/2	**8505**	**8506**	HFC 1/2-S-90-Twist										
3/4	**8510**	**8511**	HFC 3/4-S-90-Twist	1.093	27,8	1.965	50,0	3.081	78,3	.39	9,9	1.50	38,1

Standard colors black and gray. Consult Heyco for other colors.







Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E121095
Flammability Rating	94V-2
Temperature Range	-22°F (-30°C) to 221°F (105°C)

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HEYCO

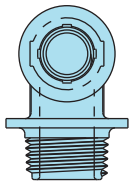
Heyco-Flex™ Quick Twist Conduit Fittings

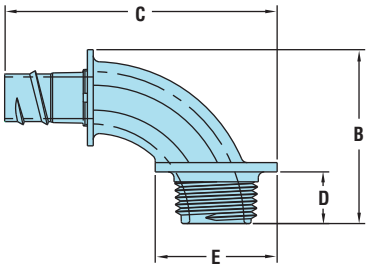
For use with Heyco-Flex™ I and II Conduit and Tubing

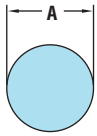
90° Sweep, NPT Hubs

FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Mounting Hole Dia. in.	A mm.	B Max O.A. Height in.	B mm.	C Max O.A. Length in.	C mm.	D Hub Length in.	D mm.	E Flange Dia. in.	E mm.
3/8	**8502**	**8503**	HFC 3/8-90-Twist	.875	22,2	1.75	44,6	2.75	69,8	.52	13,2	1.23	31,2
1/2	**8507**	**8508**	HFC 1/2-90-Twist										
3/4	**8512**	**8513**	HFC 3/4-90-Twist	1.11	28,2	2.11	53,5	3.08	78,3	.53	13,5	1.50	38,1
1	**8525**	**8526**	HFC 1-90-Twist	1.375	34,9	2.63	66,8	3.65	92,7	.68	17,3	1.76	44,7

Standard colors black and gray. Consult Heyco for other colors.







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

- One-piece solution with smooth internal surfaces provides for easier wire routing, protection, and installation around corner angles.
- Easy, permanent assembly: the installer twists the tubing over the connector ferrule.
- NPT threaded fittings are UL approved for use with Heyco-Flex I & II conduit and tubing. See pages 2-1 and 2-2.
- All nylon construction is resistant to salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification and testing.)
- Suitable for a wide array of electrical applications:
  - Commercial and Industrial HVAC Systems
  - Motorized Equipment
  - Enclosed Power Sources
  - Garage Door Openers
  - Major Appliances
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- **Locknuts not included.** To order metal or nylon locknuts separately, see pages 2-13 and 2-14.
- See page 2-17 for O-rings.
- Finishing collars available to neaten rough cut tubing ends. See page 2-7.
- **Assembly Tool available for assembling Quick Twist Fittings into HF1 and HF2 Conduit and Tubing. See page 2-8.**

Material	Nylon 6/6
Certifications	UL Listed under Underwriters' Laboratories File E28430
Flammability Rating	94V-2
Temperature Range	-22°F (-30°C) to 221°F (105°C)

Quick Specs

HEYCO

ALL NEW PRODUCTS!

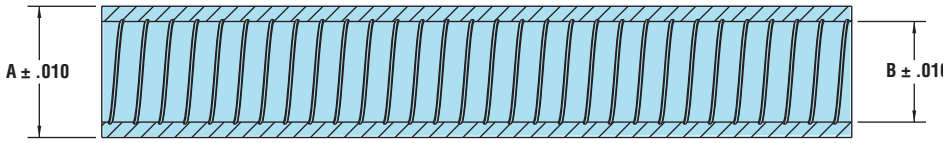
Heyco-Flex™ VI Liquid Tight Conduit

Flexible, Metal Liquid Tight Electrical Conduit (LFMC)

- Constructed of **continuously interlocked hot dipped zinc galvanized steel core** for exceptional crush and corrosion resistance.
- Used with standard liquid-tight fittings (page 2-12) for easy installation.
- IP 67 Rated when installed with approved connectors.
- Durable, sunlight resistant and flame retardant thermoplastic PVC jacket that resists heat, oil, and chemical breakdown.
- Approved for both exposed and concealed locations, direct burial and in concrete.
- Approved as an equipment grounding conductor if the total grounding path is 6 ft. or less and the circuit conductors are protected by over 20 amps for 3/8˝ and 1/2˝ and 60 amps or less for 3/4˝ through 1-1/4˝.
- Suitable for use in hazardous locations per NEC Articles 501 Class I Div. 2, Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Complies with UL Standard 360 File No. E18917; CSA C22.2 File No. 158897; and NEC Article 350.
- DFARS Compliant

TRADE SIZE	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Outside Diameter in.	A Outside Diameter mm.	B Inside Diameter in.	B Inside Diameter mm.	STANDARD COIL LENGTH ft/coil
3/8	**8457**	HF6 3/8 LFMC	.70	17,8	.49	12,5	100
1/2	**8458**	HF6 1/2 LFMC	.83	21,1	.63	16,1	
3/4	**8459**	HF6 3/4 LFMC	1.04	26,4	.83	21,1	
1	**8460**	HF6 1 LFMC	1.30	33,1	1.04	26,4	

Standard color gray. Consult Heyco for black and other colors.



Quick Specs

Material	PVC jacket with zinc galvanized steel core
Certifications	UL Listed under the Component Program of Underwriters' Laboratories File E469210
	CSA Certified by Canadian Standards Association File 260992
Temperature Range	-4°F (-20°C) to 140°F (60°C)

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HEYCO

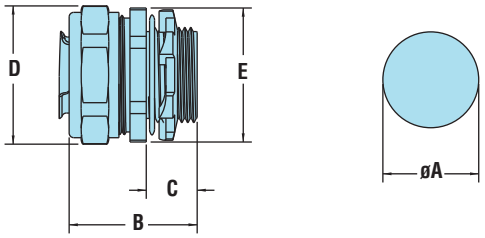
ALL NEW PRODUCTS!

Heyco-Flex™ VI Liquid Tight Conduit Fittings

Nickel-plated Brass Construction

Straight-Thru, NPT Hubs

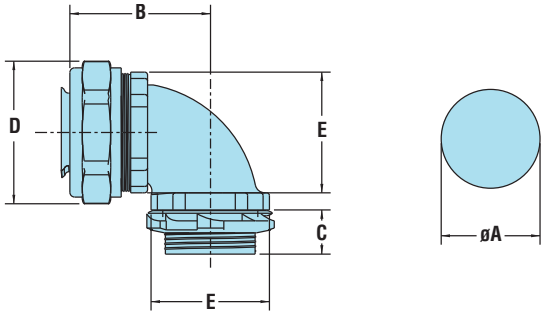
TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS									
			A Clearance Hole		B Max O.A. Length		C Thread Length		D Wrenching Nut Flat Size		E Wrenching Flat Size	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
3/8	**4028**	HF6C 3/8	.874	22,2	1.38	35,0	.55	14,0	1.02	26,0	.95	24,0
1/2	**4029**	HF6C 1/2	.874	22,2	1.42	36,0	.55	14,0	1.14	29,0	1.06	27,0
3/4	**4030**	HF6C 3/4	1.040	26,4	1.46	37,0	.55	14,0	1.38	35,0	1.30	33,0
1	**4031**	HF6C 1	1.327	33,7	1.58	40,0	.63	16,0	1.77	45,0	1.65	42,0



- Designed with an insulated throat to prevent wire damage during installation.
- Excellent corrosion resistance, strength, and durability.
- Connector is ideal for use with standard liquid-tight conduit to allow easy installation. IP 66/67 rated when installed with approved conduit.
- Approved for both exposed and concealed locations.
- Suitable for harsh industrial, food and beverage, petro-chemical, waste water, salt water, and other corrosive applications.
- Suitable for use in hazardous locations per NEC Articles 501 Class I Div. 2, Article 502 Class II Div. 1 & 2, Article 503 Class III Div. 1 & 2.
- Complies with UL Standard 360 File No. E18917; CSA C22.2 File No. 158897; and NEC Article 350.
- DFARS Compliant

90° Sweep, NPT Hubs

TRADE SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS									
			A Clearance Hole		B Max O.A. Length		C Thread Length		D Wrenching Nut Flat Size		E Wrenching Flat Size (2)	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
3/8	**4032**	HF6C 3/8-90	.874	22,2	1.18	30,0	.55	14,0	1.02	26,0	.95	24,0
1/2	**4033**	HF6C 1/2-90	.874	22,2	1.38	32,0	.55	14,0	1.14	29,0	1.06	27,0
3/4	**4034**	HF6C 3/4-90	1.040	26,4	1.42	36,0	.55	14,0	1.38	35,0	1.30	33,0
1	**4035**	HF6C 1-90	1.327	33,7	1.93	49,0	.63	16,0	1.77	45,0	1.65	42,0



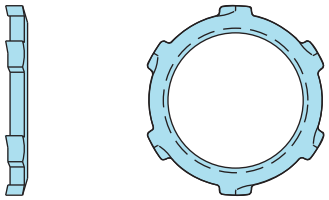
Material		Nickel Plated Brass with a PA6 clamping ring, galvanized steel ferrule and locknut and NBR rubber washer
Certifications	c UL us	Certified by Underwriters' Laboratories for Compliance with both Canadian and U.S. requirements under File E234207
Temperature Range		-45°F (-45°C) to 221°F(105°C)

Quick Specs

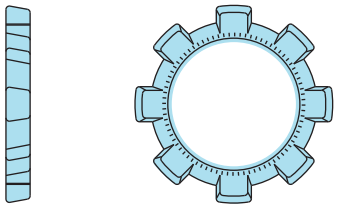
HEYCO

Heyco® Metal Locknuts

- DFARS Compliant



Stamped Steel Nut



Zinc Die-cast Nut

NPT Thread–Straight NPS Threads for use with NPT Threaded Fittings

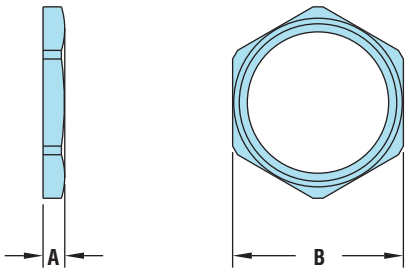
THREAD TYPE AND SIZE	STAMPED STEEL		ZINC DIE-CAST	
	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1/4 NPT	**2238**	LN 1/4*	-	-
3/8 NPT	**2242**	LN 3/8*	-	-
1/2 NPT	**2250**	LN 1/2	**9800**	LN 1/2 DC
3/4 NPT	**2251**	LN 3/4	**9801**	LN 3/4 DC
1 NPT	**2252**	LN 1	**9802**	LN 1 DC
1-1/4 NPT	**9806**	LN 1-1/4	**9803**	LN 1-1/4 DC
1-1/2 NPT	**9807**	LN 1-1/2	**9804**	LN 1-1/2 DC
2 NPT	**9808**	LN 2	**9805**	LN 2 DC
2-1/2 NPT	**9809**	LN 2-1/2	–	–
3 NPT	**9810**	LN 3	–	–

*Wrenching flats are not crenellated

PG Thread–Nickel-Plated Brass

THREAD TYPE AND SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A Thickness		B Wrenching Flats	
			in.	mm.	in.	mm.
PG 7	**2257**	Brass LN PG 7	.110	2,8	.591	15,0
PG 9	**2258**	Brass LN PG 9	.110	2,8	.709	18,0
PG 11	**2259**	Brass LN PG 11	.118	3,0	.827	21,0
PG 13.5	**2260**	Brass LN PG 13	.118	3,0	.906	23,0
PG 16	**2261**	Brass LN PG 16	.118	3,0	1.024	26,0
PG 21	**2262**	Brass LN PG 21	.138	3,5	1.261	32,0
PG 29	**2263**	Brass LN PG 29	.158	4,0	1.615	41,0
PG 36	**2268**	Brass LN PG 36	.197	5,0	2.009	51,0
PG 42	**2269**	Brass LN PG 42	.197	5,0	2.364	60,0

Nickel-Plated Brass



Metric Thread–Nickel-Plated Brass

THREAD TYPE AND SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A Thickness		B Wrenching Flats	
			in.	mm.	in.	mm.
M6 x 1	**2243**	Brass LN M6	.110	2,8	.354	9,0
M8 x 1,25	**2244**	Brass LN M8	.110	2,8	.433	11,0
M10 x 1,5	**2245**	Brass LN M10	.110	2,8	.512	13,0
M12 x 1,5	**2246**	Brass LN M12	.118	3,0	.591	15,0
M16 x 1,5	**2247**	Brass LN M16	.118	3,0	.748	19,0
M20 x 1,5	**2248**	Brass LN M20	.138	3,5	.945	24,0
M25 x 1,5	**2249**	Brass LN M25	.138	3,5	1.181	30,0
M32 x 1,5	**2253**	Brass LN M32	.177	4,5	1.417	36,0
M40 x 1,5	**2254**	Brass LN M40	.177	4,5	1.811	46,0
M50 x 1,5	**2255**	Brass LN M50	.217	5,5	2.165	55,0

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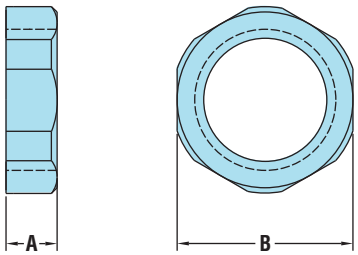
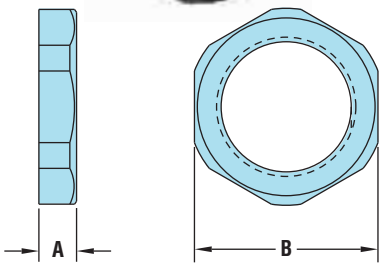
Heyco® Nylon Locknuts

NPT Thread–Straight NPS Threads for use with NPT Threaded Fittings



THREAD TYPE AND SIZE	PART NO. BULK		PART NO. 100 PACK		DESCRIPTION	PART DIMENSIONS A Thickness		B Wrenching Flats	
	Black	Gray	Black	Gray		in.	mm.	in.	mm.
1/4 NPT	**M9142**	**M9143**	**3269**	**3270**	NLN 1/4 NPT	.265	6,7	.748	19,0
3/8 NPT	**8461**	**8462**	**3271**	**3272**	NLN 3/8 NPT	.265	6,7	1.058	26,9
1/2 NPT	**8463**	**8464**	**3273**	**3274**	NLN 1/2 NPT	.265	6,7	1.058	26,9
3/4 NPT	**8465**	**8466**	**3275**	**3276**	NLN 3/4 NPT	.265	6,7	1.295	32,9
1 NPT	**8467**	**8468**	**3277**	**3278**	NLN 1 NPT	.265	6,7	1.605	40,8
1-1/4 NPT	**M9144**	**M9145**	**3279***	–	NLN 1-1/4 NPT	.281	7,1	1.968	50,0
1-1/2 NPT	**M9150**	**M9151**	–	–	NLN 1-1/2 NPT	.320	8,1	2.735	69,5
2 NPT	**M9156**	**M9157**	–	–	NLN 2 NPT	.375	9,5	2.835	72,0

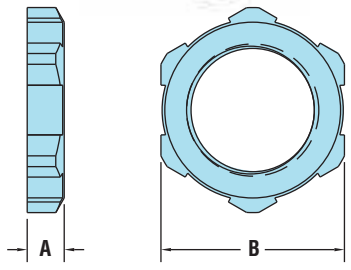
Standard colors black or gray.
*PN 3279 is a 50 Pack.



PG Thread

THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS A Thickness		B Wrenching Flats	
	Black	Gray		in.	mm.	in.	mm.
PG 7	**3165**	**3166**	NLN PG 7	.218	5,5	.750	19,1
PG 9	**3167**	**3168**	NLN PG 9	.218	5,5	.859	21,8
PG 11	**3169**	**3170**	NLN PG 11	.218	5,5	.937	23,8
PG 13.5	**3171**	**3172**	NLN PG 13.5	.250	6,4	1.062	27,0
PG 16	**3173**	**3174**	NLN PG 16	.250	6,4	1.171	29,7
PG 21	**3175**	**3176**	NLN PG 21	.281	7,1	1.406	35,7
PG 29	**3177**	**3178**	NLN PG 29	.281	7,1	1.812	46,0
PG 36	**M9146**	**M9147**	NLN PG 36	.281	7,1	2.244	56,9
PG 42	**M9152**	**M9153**	NLN PG 42	.320	8,1	2.750	69,9
PG 48	**M9158**	**M9159**	NLN PG 48	.375	9,5	2.835	72,0

Standard colors black or gray.



Metric Thread

THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS A Thickness		B Wrenching Flats	
	Black	Gray		in.	mm.	in.	mm.
M12	**M9130**	**M9131**	NLN M12	.218	5,5	.750	19,1
M16	**M9132**	**M9133**	NLN M16	.218	5,5	.870	22,1
M20	**M9134**	**M9135**	NLN M20	.245	6,2	1.062	27,0
M25	**M9136**	**M9137**	NLN M25	.281	7,1	1.378	35,0
M32	**M9138**	**M9139**	NLN M32	.281	7,1	1.614	41,0
M40	**M9140**	**M9141**	NLN M40	.281	7,1	1.968	50,0
M50	**M9148**	**M9149**	NLN M50	.320	8,1	2.750	69,9
M63	**M9154**	**M9155**	NLN M63	.375	9,5	2.850	72,4

Standard colors black or gray.

Material	Nylon 6/6
Flammability Rating	94V-2 Standard–Consult Heyco for VO material
Temperature Range	-22°F (-30°C) to 221°F (105°C)

Quick Specs

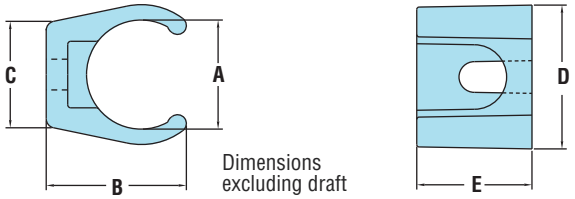
HEYCO

Heyco-Flex™ Mounting Brackets

- For mounting Heyco-Flex Conduit or Tubing securely into place, vertically or horizontally. See pages 2-1, 2-2, and 2-18.
- Only fingertip pressure is required to snap conduit or tubing into bracket.
- Low profile design for space savings and pleasing appearance.
- Recommended distance between brackets at intervals not greater than 3 feet (1m) as required by Article 351-27 of 1996 NEC.
- Use one standard #10 (4-5M) screw for attaching bracket to panel (screw not included).
- Resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.

FITS CONDUIT/ TUBING SIZE	PART NO. Black	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Inside Dia. in.	A Inside Dia. mm.	B Length in.	B Length mm.	C Height in.	C Height mm.	D Outside Dia. in.	D Outside Dia. mm.	E Width in.	E Width mm.
3/8	**1025**	**1026**	HFB 3/8	.66	16,9	.91	23,2	.72	18,2	.90	22,9	.75	19,1
1/2	**1027**	**1028**	HFB 1/2	.79	20,0	1.07	27,3	.71	18,0	1.06	26,8		
3/4	**1029**	**1030**	HFB 3/4	1.05	26,7	1.27	32,2	.67	17,0	1.31	33,2		
1	**1031**	**1032**	HFB 1	1.24	31,5	1.52	38,6	.84	21,3	1.53	38,9		

Standard color black or gray.



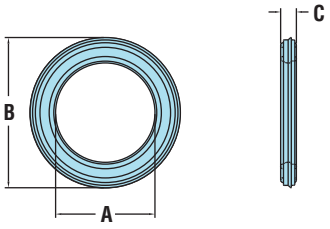
Dimensions excluding draft

Heyco® Sealing Washers

- For use with Heyco-Flex fittings.
- Liquid tight, dust tight, and oil tight at enclosure.
- Suitable for wet locations requiring a separate gasket between the box and fitting.
- Also suitable for other panel sealing applications.
- Easy to install since washers seal off on the perimeter, not on the connector threads.
- Special double sealing ridges compensate for minor unevenness at enclosure.

Will Fit These Electrical Fitting NPT Trade Sizes	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Inside Diameter in.	A Inside Diameter mm.	B Outside Diameter in.	B Outside Diameter mm.	C Thickness in.	C Thickness mm.
1/4	**3258**	SW 1/4	.54	13,7	.80	20,2	.13	3,2
3/8	**3259**	SW 3/8	.67	17,0	1.01	25,5		
1/2	**3260**	SW 1/2	.85	21,6	1.24	31,5		
3/4	**3261**	SW 3/4	1.03	26,2	1.50	38,1	.14	3,4
1	**3262**	SW 1	1.28	32,5	1.77	45,0	.18	4,6
1-1/4	**3264**	SW 1-1/4	1.66	42,2	2.16	54,8	.16	4,1
1-1/2	**3265**	SW 1-1/2	1.86	47,2	2.44	62,0		
2	**3257**	SW 2	2.32	58,9	2.93	74,4	.18	4,6

Standard color black.



Quick Specs

Material	HFB - Nylon 6/6	SW - Thermoplastic Elastomer
Flammability Rating	HFB - 94V-2	SW - 94V-0
Temperature Range	-22°F (-30°C) to 221°F (105°C)	

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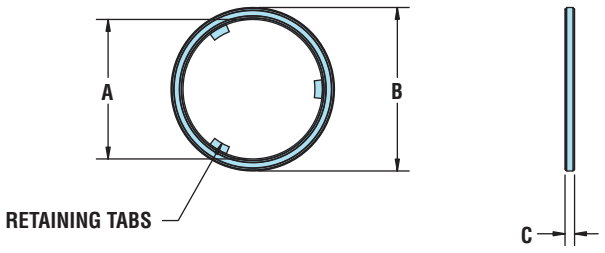
HEYCO

Heyco® Retaining Sealing Washers

Will Fit These Electrical Fitting Threaded Hubs	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Inside Diameter		B Outside Diameter		C Thickness	
			in.	mm.	in.	mm.	in.	mm.
NPT Hubs								
1/4	**G6000**	RSW 1/4 NPT	.540	13,7	.740	18,8		
3/8	**G6001**	RSW 3/8 NPT	.680	17,3	.865	22,0		
1/2	**G6002**	RSW 1/2 NPT	.875	22,2	1.050	26,7	.076	1,9
3/4	**G6003**	RSW 3/4 NPT	1.109	28,2	1.300	33,0		
1	**G6004**	RSW 1 NPT	1.375	34,9	1.725	43,8		
Pg Hubs								
Pg 7	**G6010**	RSW PG 7	.495	12,6	.740	18,8		
Pg 9	**G6011**	RSW PG 9	.600	15,2	.865	22,0		
Pg 13	**G6013**	RSW PG 13.5	.810	20,6	1.050	26,7	.076	1,9
Pg 16	**G6014**	RSW PG 16	.890	22,6	1.187	30,1		
Pg 21	**G6015**	RSW PG 21	1.120	28,4	1.300	33,0		
Pg 29	**G6016**	RSW PG 29	1.475	37,5	1.725	43,8		
Metric Hubs								
M12	**G6020**	RSW M12	.475	12,1	.740	18,8		
M16	**G6021**	RSW M16	.635	16,1	.865	22,0		
M20	**G6022**	RSW M20	.790	20,1	1.050	26,7	.076	1,9
M25	**G6023**	RSW M25	.990	25,1	1.300	33,0		
M32	**G6024**	RSW M32	1.270	32,3	1.725	43,8		

Standard color black.

- Retaining tabs hold washer on threads for easier assembly.
- Liquid tight, dust tight, and oil tight at enclosure.
- Suitable for wet locations requiring a separate gasket between the box and fitting.
- Also suitable for other panel sealing applications.
- Easy to install since washers seal off on the perimeter, not on the connector threads.
- Special double sealing ridges compensate for minor unevenness at enclosure.



Material	SBR (Styrene Butadiene)
Flammability Rating	HB
Temperature Range	-4°F (-20°C) to 212°F (100°C)

Quick Specs

HEYCO

Heyco® Foam Washers

- For use with Heyco-Flex fittings.
- Provide additional degree of protection for a variety of fittings.
- Compensate for non-ideal mounting surfaces in application.

Will Fit These Electrical Fitting NPT Trade Sizes	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Inside Dia. in.	A Inside Dia. mm.	B Outside Dia. in.	B Outside Dia. mm.	C Thickness in.	C Thickness mm.
.125˝(3,2 mm) Thickness								
1/4	**1970**	HFW 500	.500	12,7	.820	20,8	.125	3,2
-	**1971**	HFW 625	.625	15,9	.940	23,9		
-	**1972**	HFW 750	.750	19,1	1.060	26,9		
1/2	**1973**	HFW 875	.875	22,2	1.185	30,1		
-	**1974**	HFW 1000	1.000	25,4	1.390	35,3		
3/4	**1982**	HFW 1125	1.125	28,6	1.515	38,5		
-	**1983**	HFW 1250	1.250	31,8	1.875	47,6		
1	**1998**	HFW 1375	1.375	34,9	2.000	50,8		
.190˝(4,8 mm) Thickness								
1/4	**1975**	HFW 1/4	.480	12,2	.860	21,8	.190	4,6
1/2	**1977**	HFW 1/2	.840	21,3	1.200	30,5		
3/4	**1978**	HFW 3/4	1.050	26,7	1.500	38,1		
1	**1979**	HFW 1	1.300	33,0	1.700	43,2		

Standard color black.

Heyco® Thermoplastic Rubber O-Rings

- For use with Heyco-Flex fittings mounted in non-threaded holes.
- Liquid tight, dust tight and oil tight at enclosure.
- Suitable for wet locations requiring a separate gasket between the fitting and enclosure.
- Resistant to petroleum oil, mineral oil and grease, diesel fuel, weak acids, alkali, and salt solutions.

Will Fit These Electrical Fitting NPT Trade Sizes	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Inside Dia. in.	A Inside Dia. mm.	B Outside Dia. in.	B Outside Dia. mm.	C Thickness in.	C Thickness mm.
1/2	**1995**	ROR 1/2	.860	21,8	1.140	28,9	.140	3,5
3/4	**1996**	ROR 3/4	1.050	26,7	1.320	33,5		
1	**1997**	ROR 1	1.300	32,9	1.570	39,9		

Standard color black.
Consult Heyco for 1-1/4˝, 1-1/2˝ and 2˝ Electrical Trade and other sizes.

Quick Specs

	HFW	ROR
Material	EPDM	Buna-N (Nitrile Rubber NBR)
Temperature Range	-4°F (-20°C) to 140°F (60°C)	-30°F (-34°C) to 212°F (100°C)

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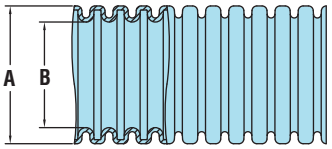
HEYCO

Heyco-Flex™ III 94V-0 Liquid Tight Tubing

Flexible, Nonmetallic Liquid Tight Electrical Tubing

TRADE SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Outside Diameter		PART DIMENSIONS B Inside Diameter		STANDARD COIL LENGTH*
			in.	mm.	in.	mm.	ft/coil
3/8	**8478**	HF3 3/8 FR	.71	18,0	.51	13,1	100
1/2	**8479**	HF3 1/2 FR	.85	21,6	.65	16,5	
3/4	**8480**	HF3 3/4 FR	1.12	28,3	.87	22,0	
1	**8481**	HF3 1 FR	1.35	34,3	1.10	28,0	

*Consult Heyco for cut to length and slit tubing availability.



Material		Halogen Free Nylon 6
Certifications	cULus	Certified to both Canadian and U.S. Requirements under File E121095
Flammability Rating		94V-0
Temperature Range		-.4°F (-18°C) to 221°F (105°C)

- Corrugated tubing for trade sizes 3/8″ through 1″.
- Flame retardant, won't burn.
- Nontoxic and UV resistant.
- **Rated for NEMA 4 and 4X applications when used with Heyco-Flex III Liquid Tight Fittings.**
- Rated for NEMA Type 3R applications.
- Maximum flexibility, can be used in extremely tight quarters. Bend radius of Heyco-Flex III is equal to its outside diameter.
- No threading of the tubing required to install. This eliminates the possibility of cutting the tubing and creating leak paths.
- Easy, permanent assembly between the tubing and fittings: push the tubing over the fitting ferrule until the tubing clicks into place.
- Lightweight and lower installed cost.
- Quick and easy installation.
- For use with Heyco-Flex III Fittings. See pages 2-19 & 2-20.
- Resists corrosion, oil, and water.
- For use in both wet and dry applications.
- Suitable for use in high vibration or flexing applications (automotive equipment, fiber optics, computer and peripherals, lab equipment, robotics, etc.).
- **Voltage Rating: 300V**.
- **Mounting brackets are available, see page 2-15.**
- **Order Part No. 8340**, HF-28 Cutting Tool, for cutting Heyco-Flex Tubing cleanly and evenly. See page 2-2.
- For additional nylon conduit sizes, see page 2-21.

Heyco® Female Threaded Couplings

For Heyco HF3C and other NPT Hub Components

- Both ends feature female NPT threads for joining various male NPT hub parts.
- Facilitate the connection between Heyco-Flex III Fittings (HF3C – pages 2-19 & 2-20), Conduit (HF3 – above), and the various Heyco Liquid Tight Cordgrips (Section 3) typically used in solar installations.

TRADE SIZE	PART NO. Gray	DESCRIPTION
1/2	**8665**	FTC 1/2
3/4	**8666**	FTC 3/4
1	**8667**	FTC 1
1-1/4	**8668**	FTC 1-1/4
1-1/2	**8669**	FTC 1-1/2
2	**8670**	FTC 2

Material	Schedule 80 PVC

Quick Specs

HEYCO

Heyco-Flex™ III Liquid Tight Fittings

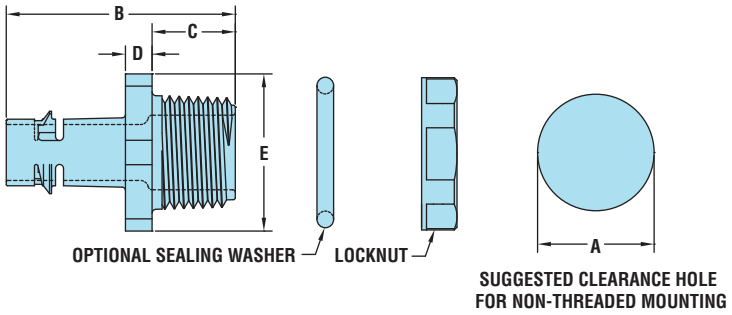
For Flexible, Nonmetallic Liquid Tight Tubing

Straight-Thru, NPT Hubs

- For use with Heyco-Flex III Corrugated Tubing in trade sizes 3/8″ through 1″. See page 2-18.
- Nontoxic and UV resistant.
- **Rated for NEMA 4 and 4X applications when used with Heyco-Flex III Tubing**.
- Rated for NEMA Type 3R applications.
- Easy, permanent assembly between the tubing and fittings: push the tubing over the fitting ferrule until the tubing clicks into place.
- Lightweight and lower installed cost.
- Quick and easy installation.
- Suitable for use in high vibration or flexing applications (automotive equipment, fiber optics, computer and peripherals, lab equipment, robotics, etc.).
- Resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- For use in both wet and dry applications.
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- Use of an O-ring may be required for a complete liquid tight system with a non-threaded mounting hole. See page 2-17.
- Locknuts **included** with Straight-Thru fittings.
- Patented.

FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	DESCRIPTION	THREAD SIZE	PART DIMENSIONS A Clearance Hole		B Max O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flat Size	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
3/8	**9146**	HF3C 3/8	1/2 NPT	.875	22,2	1.72	43,7	.63	16,0	.20	5,1	1.16	29,5
1/2	**9147**	HF3C 1/2											
3/4	**9148**	HF3C 3/4	3/4 NPT	1.109	28,2	1.84	46,7	.63	16,0	.20	5,1	1.36	34,5
1	**9149**	HF3C 1	1 NPT	1.375	34,9	1.99	50,6	.78	19,8	.20	5,1	1.62	41,1

Standard color black.



Snap-In Hub for 1/2″ Heyco-Flex™ III Tubing

FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	DESCRIPTION	THREAD SIZE	PART DIMENSIONS A Clearance Hole		B Max O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Flat Size	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/2	**1952***	HF3C 1/2-S	N/A	.875	22,3	1.38	35,1	.39	9,9	.09	2,3	.97	24,6

Standard color black.
*Part is not Liquid Tight or UL recognized.

Quick Specs

Material		Nylon 6/6
Certifications	cULus	Certified to both Canadian and U.S. Requirements File E121095
Flammability Rating		94V-2
Temperature Range		-22°F (-30°C) to 221°F (105°C)
IP Rating		IP 64

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HEYCO

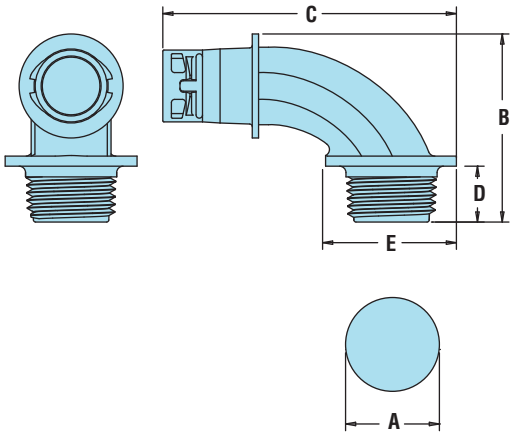
Heyco-Flex™ III Liquid Tight Fittings

For Flexible, Nonmetallic Liquid Tight Tubing

90° Sweep, NPT Hubs

FITS CONDUIT/ TUBING TRADE SIZE	PART NO. Black	DESCRIPTION	THREAD SIZE	PART DIMENSIONS A Clearance Hole		B Max O.A. Height		C Max O.A. Length		D Thread Length		E Flange Dia.	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
3/8	**1955**	HF3C 3/8-90R	1/2 NPT	.875	22,2	1.75	44,5	2.74	69,6	.52	13,2	1.23	31,2
1/2	**1956**	HF3C 1/2-90R											
3/4	**1957**	HF3C 3/4-90R	3/4 NPT	1.109	28,2	2.10	53,3	3.08	78,2	.52	13,2	1.50	38,1
1	**1958**	HF3C 1-90R	1 NPT	1.375	34,9	2.67	67,8	3.66	93,0	.69	17,5	1.80	45,7

Standard color black.



SUGGESTED CLEARANCE HOLE FOR NON-THREADED MOUNTING

- For use with Heyco-Flex III Corrugated Tubing in trade sizes 3/8″ through 1″. See page 2-18.
- Nontoxic and UV resistant.
- **Rated for NEMA 4 and 4X applications when used with Heyco-Flex III Tubing**.
- Rated for NEMA Type 3R applications.
- Easy, permanent assembly between the tubing and fittings: push the tubing over the fitting ferrule until the tubing clicks into place.
- Lightweight and lower installed cost.
- Quick and easy installation.
- Suitable for use in high vibration or flexing applications (automotive equipment, fiber optics, computer and peripherals, lab equipment, robotics, etc.).
- Resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. This feature is not assessed by UL certification or testing.
- For use in both wet and dry applications.
- If using a tapped hole, Teflon® tape is needed on the threads of the connector, for all other applications an O-ring and Locknut are needed to attain liquid tight.
- **Locknuts not included**. To order metal or nylon locknuts separately, see pages 2-13 & 2-14.
- Use of an O-ring may be required for a complete liquid tight system with a non-threaded mounting hole. See page 2-17.
- Patented.

Material		Nylon 6/6
Certifications	cULus	Certified to both Canadian and U.S. Requirements File E121095
Flammability Rating		94V-2
Temperature Range		-22°F (-30°C) to 221°F (105°C)
IP Rating		IP 64

Quick Specs

HEYCO

Heyco® Nylon Corrugated Conduit/Tubing - FPAS

Highly Flexible Polyamide 6 Nylon, Standard Weight

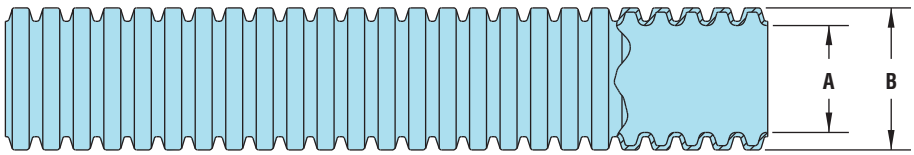
Type FPAS

- Low fire hazard.
- Low smoke and toxicity.
- Halogen, sulphur, and phosphorus free.
- Highly flexible and high fatigue life.
- High impact strength and recovers if crushed.
- Lightweight and low installed cost.
- Use with Heyco Nylon Fittings. See pages 2-23 through 2-25.
- UV resistant (black).
- For use with all types of equipment, machinery, pumps, motors, and HVAC equipment.
- 10 mm thru 42 mm nominal sizes.
- Highly resistant to abrasion, oil, and solvents.
- Compression Strength: 75 kg/100 mm (165 lbs./4 in.) for 21 mm nominal size
- Tensile Strength: 40 kg (88 lbs.) for 21 mm nominal size
- **Voltage Rating: 600V for F8474 and F8416. All others 300V.**
- See Page 2-22 for mounting clips.
- See Pages 2-26 and 2-27 for technical specifications.

NOMINAL SIZE	PITCH	PART NO. Black	DESCRIPTION	PART DIMENSIONS							
				Inside Bend Radius		A Inside Diameter		B Outside Diameter		Roll Length	
				in.	mm.	in.	mm.	in.	mm.	Ft.	M.
10 mm	F	**F8400**	FPAS 10/BL*	.591	15,0	.248	6,3	.394	10,0		
13 mm	F	**F8402**	FPAS 13/BL*	.984	25,0	.386	9,8	.512	13,0		
16 mm	F	**F8404**	FPAS 16/BL	1.575	40,0	.465	11,8	.622	15,8	164	50
21 mm	F	**F8406**	FPAS 21/BL	1.722	45,0	.657	16,7	.835	21,2		
28 mm	F	**F8410**	FPAS 28/BL	1.969	50,0	.898	22,8	1.122	28,5		
34 mm	C	**F8414**	FPAS 34/BL	2.362	60,0	1.106	28,1	1.358	34,5	164	50
		F8474	FPAS 34/BL**	2.362	60,0	1.106	28,1	1.358	34,5	328	100
42 mm	C	**F8416**	FPAS 42/BL	2.756	70,0	1.398	35,5	1.673	42,5	82	25

Standard color black.
*Not UL recognized.
**Extra long 328 ft. (100 meter) coil.

PITCH: Indicates frequency and separation of corrugations. F=Fine or closely spaced and C=Coarse or less closely spaced, fittings work equally well with either fine or coarse pitch conduit.



LOW FIRE HAZARD

Material		Nylon 6 (PA6)
Certifications		Recognized under Underwriters' Laboratories File E229161
	CE	Approved as per EN50086
Flammability Rating		94V-2 and Halogen Free
Temperature Range		-40°F (-40°C) to 248°F (120°C) - static
		-4°F (-20°C) to 212°F (100°C) - moving
IP Rating		IP 66 with FPA Fittings Per EN60529

Quick Specs

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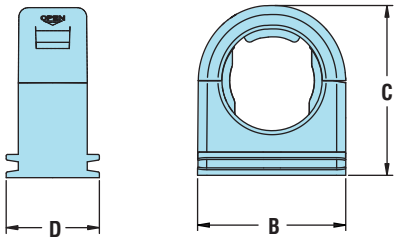
HEYCO

Heyco® Nylon Conduit/Tubing Mounting Clips

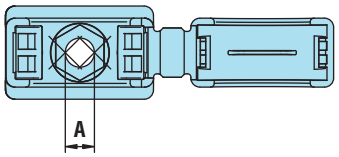
With Integral Closure

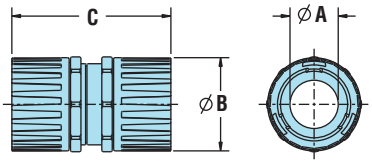
FITS CONDUIT SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Mounting Hole Dia.		B Width		C Max O.A Height		D Max.O.A. Thickness	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.
13 mm	**F8902**	FCL 13	.197	5,0	.894	22,7	1.093	26,4	.787	20,0
16 mm	**F8904**	FCL 16	.205	5,2	1.039	26,4	1.173	29,8		
21 mm	**F8906**	FCL 21	.244	6,2	1.252	31,8	1.437	36,5		
28 mm	**F8908**	FCL 28	.244	6,2	1.606	40,8	1.752	44,5		
34 mm	**F8910**	FCL 34	.244	6,2	1.890	48,0	2.028	51,5		
42 mm	**F8912**	FCL 42	.244	6,2	2.252	57,2	2.370	60,2		

Standard color black.



Mounting Clips





Tubing Unions

- For mounting Heyco Nylon Corrugated Conduit or Tubing securely into place, vertically or horizontally. See page 2-21.
- Low profile design for space savings and pleasing appearance.
- Only fingertip pressure is required to snap conduit or tubing into bracket.
- Can be easily opened for temporary access/removal and closed again to secure conduit.
- Suitable for use with both fine and/or coarse pitch conduit/tubing.
- Suitable for use by original equipment manufacturers.
- Resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification or testing.)
- Recommended distance between brackets at intervals not greater than 3 feet (914 mm) as required by Article 351-27 of 1996 NEC.
- Use one standard #10 (4-5M) screw for attaching bracket to panel or chassis (screw not included).

Heyco® Nylon Conduit/Tubing Unions NEW!

FITS CONDUIT SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Bore		B Max. Diameter		C Length	
			in.	mm.	in.	mm.	in.	mm.
16 mm	**F8944**	FPA 16 - FPA 16	.43	11,0	1.14	29,0	2.32	59,0
21 mm	**F8946**	FPA 21 - FPA 21	.57	14,5	1.26	32,0	2.80	71,0
28 mm	**F8948**	FPA 28 - FPA 28	.77	19,5	1.73	44,0	3.19	81,0
34 mm	**F8950**	FPA 34 - FPA 34	1.04	26,5	2.01	51,0	3.43	87,0

Standard color black.

- One piece fast fit coupler to join corrugated conduit

Material		Nylon 6/6
Certifications	CE	Approved as per BS EN50086
Flammability Rating		94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorus Free
Temperature Range		-58°F (-50°C) to 275°F (135°C)

Quick Specs

HEYCO

Heyco® Nylon Conduit Fittings

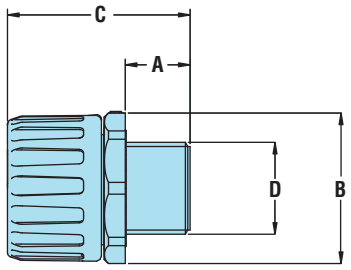
For Flexible, Corrugated Nylon Conduit/Tubing

Straight-Thru, NPT Hubs

- Unitary design and assembled shipment allows fast fit.
- No threading of the conduit/tubing is required to install.
- For use with Heyco Nylon Corrugated Conduit/Tubing. See page 2-21.
- Suitable for use with both fine and/or coarse pitch conduit/tubing.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- Suitable for use by original equipment manufacturers.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification or testing.)
- Vibration and tamper resistant, but easily removed with a screwdriver.
- **Locknuts not included**. See page 2-14 for Nylon Locknuts.

FITS CONDUIT SIZE	PART NO. Black	DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT A Thread Length		B Wrenching Flat Size		C Max. O.A. Length		D Clearance Hole	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.
16 mm	**F8504**	FPA 16-038	3/8 NPT	.433	11,0	1.102	28,0	1.457	37,0	.670	17,0
16 mm	**F8506**	FPA 16-050	1/2 NPT	.551	14,0	1.102	28,0	1.732	44,0	.875	22,2
21 mm	**F8510**	FPA 21-050	1/2 NPT	.551	14,0	1.181	30,0	1.732	44,0		
28 mm	**F8516**	FPA 28-075	3/4 NPT	.591	15,0	1.653	42,0	1.969	50,0	1.109	28,2
34 mm	**F8520**	FPA 34-100	1 NPT	.630	16,0	1.930	49,0	2.087	53,0	1.375	34,9

Standard color black. Consult Heyco for other colors.



Assembly instructions:

Removal instructions:

Material		Nylon 6/6
Certifications		Recognized under Underwriters' Laboratories File E229161
	CE	Approved as per EN50086
Flammability Rating		94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorus Free
Temperature Range		-58°F (-50°C) to 275°F (135°C)
IP Rating		IP 66 standard as per EN60529 IP 66 & 67 & 68 available–consult factory and specify FPAX fittings

Quick Specs

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HEYCO

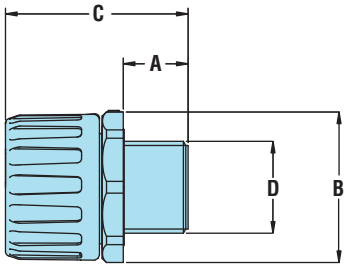
Heyco® Nylon Conduit Fittings

For Flexible, Corrugated Nylon Conduit/Tubing

Straight-Thru, PG Hubs

FITS CONDUIT SIZE	PART NO. Black	DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT A Thread Length		B Wrenching Flat Size		C Max. O.A. Length		D Clearance Hole	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.
10 mm	**F8540**	FPA 10-PG7*	PG 7	.354	9,0	.718	18,4	1.299	33,0	.492	12,5
13 mm	**F8542**	FPA 13-PG9*	PG 9	.433	11,0	.890	22,6	1.457	37,0	.599	15,2
16 mm	**F8546**	FPA 16-PG11	PG 11	.394	10,0	1.120	28,4	1.378	35,0	.733	18,6
16 mm	**F8548**	FPA 16-PG13	PG 13	.394	10,0	1.120	28,4	1.378	35,0	.804	20,4
21 mm	**F8550**	FPA 21-PG13	PG 13	.394	10,0	1.185	30,1	1.575	40,0		
21 mm	**F8552**	FPA 21-PG16	PG 16	.433	11,0	1.185	30,1	1.614	41,0	.886	22,5
28 mm	**F8556**	FPA 28-PG21	PG 21	.472	12,0	1.665	42,3	1.811	46,0	1.114	28,3
34 mm	**F8560**	FPA 34-PG29	PG 29	.472	12,0	1.921	48,8	1.929	49,0	1.470	37,3

Standard color black. Consult Heyco for other colors.
*Not UL recognized.



- Unitary design and assembled shipment allows fast fit.
- No threading of the conduit/tubing is required to install.
- For use with Heyco Nylon Corrugated Conduit/Tubing. See page 2-21.
- Suitable for use with both fine and/or coarse pitch conduit/tubing.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- IP 68 rated fittings available - consult Heyco.
- Suitable for use by original equipment manufacturers.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification or testing.)
- Vibration and tamper resistant, but easily removed with a screwdriver.
- **Locknuts not included**. See page 2-14 for Nylon Locknuts.

Assembly instructions:

Removal instructions:

Material		Nylon 6/6
Certifications		Recognized under Underwriters' Laboratories File E229161
	CE	Approved as per EN50086
Flammability Rating		94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorus Free
Temperature Range		-58°F (-50°C) to 275°F (135°C)
IP Rating		IP 66 standard as per EN60529 IP 66 & 67 & 68 available–consult factory and specify FPAX fittings

Quick Specs

HEYCO

Heyco® Nylon Conduit Fittings

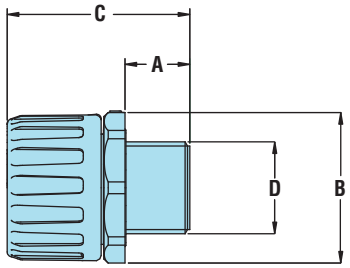
For Flexible, Corrugated Nylon Conduit/Tubing

Straight-Thru, Metric Hubs

- Unitary design and assembled shipment allows fast fit.
- No threading of the conduit or tubing is required to install.
- For use with Heyco Nylon Corrugated Conduit/Tubing. See page 2-21.
- Suitable for use with both coarse and/or fine pitch conduit/tubing.
- Protection class IP 66 per EN 60529 including high pressure water jet from any angle.
- IP 68 rated fittings available - consult Heyco.
- Suitable for use by original equipment manufacturers.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification or testing.)
- Vibration and tamper resistant, but easily removed with a screwdriver.
- **Locknuts INCLUDED.**

FITS CONDUIT SIZE	PART NO. Black	DESCRIPTION	THREAD SIZE	PART DIMENSIONS BODY AND SEALING UNIT A Thread Length		B Wrenching Flat Size		C Max. O.A. Length		D Clearance Hole	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.
10 mm	**F8570**	FPA 10-M12*	M12x1,5	.354	9,0	.748	19,0	1.299	33,0	.473	12,0
13 mm	**F8572**	FPA 13-M16*	M16x1,5	.453	11,0	.906	23,0	1.457	37,0	.630	16,0
16 mm	**F8574**	FPA 16-M16	M16x1,5	.453	11,0	1.102	28,0	1.614	41,0		
16 mm	**F8576**	FPA 16-M20	M20x1,5	.551	14,0	1.102	28,0	1.732	44,0	.787	20,0
21 mm	**F8580**	FPA 21-M20	M20x1,5	.551	14,0	1.181	30,0	1.732	44,0		
28 mm	**F8586**	FPA 28-M25	M25x1,5	.591	15,0	1.654	42,0	1.929	49,0	.985	25,0
34 mm	**F8590**	FPA 34-M32	M32x1,5	.630	16,0	1.929	49,0	2.087	53,0	1.260	32,0

Standard color black. Consult Heyco for other colors.
*Not UL recognized.



Assembly instructions:

Removal instructions:

Material		Nylon 6/6
Certifications		Recognized under Underwriters' Laboratories File E229161
	CE	Approved as per EN50086
Flammability Rating		94V-2 and Low Fire Hazard Including Low Smoke, Low Toxicity as well as Halogen, Sulphur, and Phosphorus Free
Temperature Range		-58°F (-50°C) to 275˝F (135°C)
IP Rating		IP 66 standard as per EN60529 IP 66 & 67 & 68 available–consult factory and specify FPAX fittings

Quick Specs

1-800-526-4182 • 732-286-1800 (NJ) • FAX: 732-244-8843 • www.heyco.com

HEYCO

Heyco® Corrugated Conduit Systems

Chemical Resistance–Corrugated Nylon Nonmetallic Conduit and Fittings

Page 2-21

TYPE FPAS

nylon LFH PA6 corrugated, standard weight

×	ACETONE
×	BENZENE
×	CARBON TETRACHLORIDE
×	CITRIC ACID
×	DIESEL OIL
×	DIETHYLAMINE
×	ETHANOL
×	ETHER
×	ETHYLAMINE
×	ETHYLENE GLYCOL
×	FREON 32
×	LUBRICATING OIL
×	MEK
×	PARAFFIN OIL
×	PETROL
×	SEA WATER
×	SILVER NITRATE
×	SKYDROL
×	SODIUM CHLORIDE
×	SODIUM HYDROXIDE (10%)
×	SODIUM HYDROXIDE (60%)
×	TOLUENE
×	TRANSFORMER OIL
×	1,1,1-TRICHLOROETHANE
×	TURPENTINE
×	VEGETABLE OIL
×	WATER

Design Characteristics	
75	@ Compression Strength (KG/100MM)
40	@ Pull Off Strength (KG)
-40 to 120°C	Temperature Range
40	Bend Radius (MM)

× Provides limited resistance to this substance

@ Data intended to indicate relative strength and will vary across different sizes. Figures shown for 21 mm nominal size.

IP RATINGS GUIDE

(Ingress Protection to BS EN 60529)

1st digit–protection against solid objects

- **0** No protection
- **1** Protected against objects greater than 50 mm
- **2** Protected against objects greater than 12 mm
- **3** Protected against objects greater than 2.5 mm
- **4** Protected against objects greater than 1.0 mm
- **5** Ingress of dust is not totally prevented but dust does not enter in harmful quantities
- **6** No ingress of dust

2nd digit–protection against water

- **0** No protection
- **1** Protected against falling drops
- **2** Protected against drops falling at 15 degrees
- **3** Low pressure spray–similar to shower head at up to 60 degrees from vertical
- **4** Low pressure spray–similar to shower head–from any angle
- **5** Medium pressure jet–similar to garden hose–from any angle
- **6** High pressure jet–similar to fire hose–from any angle
- **7** Submersion at 1 meter for 30 minutes
- **8** Higher water pressure e.g.: 5 bar for 5 hours. Conduits are tested in-house at up to 10 bar.
- **9K** Steam clean, high pressure high temp jet wash to DIN40050.

HEYCO

Heyco® Corrugated Conduit Systems

Performance of Corrugated Nylon Conduit System and Low Fire Hazard (LFH)

Low Fire Hazard (LFH) conduit systems are becoming an increasing part of the specification in many applications.

Low Fire Hazard systems are required to protect personnel and property in the event of a fire and may be demanded by specifiers, occupiers, fire services or even insurers. Heyco nylon corrugated conduit systems define a Low Fire Hazard product as having all of the following properties:

- **Highly Flame Retardant** to prevent a fire or limit its development if one does start.
- **Low Smoke** emission in the event of a fire to enable personnel to see their way to escape.
- **Low Toxicity** in the event of a fire to ensure personnel are not overcome during their escape.
- **Halogen Free** gives an indication of low smoke and low toxicity. It also rules out halogen acid gas emission–a fact that is of interest to insurers as acid smoke can destroy computer equipment and damage the structure of a building.

Tests Used

- **Flame Retardancy** UL 94 is an Underwriters' Laboratories standard with flammability classifications HB, V2, V1, V0. A V2 rating indicates that a product is self-extinguishing, and V0 is highly flame retardant. Most Heyco nylon corrugated conduit systems products have a V2 rating or better–see page 2-30 for details.
- **Smoke Density** is evaluated to BS6853 annex D.8.3, Code of practice for fire precautions in the design and construction of passenger trains. A plaque of materials is burnt in a 3 meter cubic chamber. A graph of smoke opacity against time is plotted which shows the maximum opacity (Ao) and the time taken to reach that opacity. LFH materials should have A0<0.03.
- **Toxic Fumes** British Naval standard NES713 burns a set amount of material and analyzes the gases given off. The volume of each gas is multiplied by the toxicity index for each gas. The toxicity index for each gas are added together to give an overall toxicity index of the material. LFH materials should have a toxicity maximum of 10.

PA6 Conduit (Type–FPAS)

- Self Extinguishing
- Flame Retardant–UL 94V-2
- Low Smoke to BS6853–Maximum Opacity AO = 0.02
- Low Toxicity–Toxicity Index to NES713 = 10

PA6/6 Fittings (NPT, Metric or PG threads–IP 66 or IP 68)

- Self Extinguishing
- Flame Retardant–UL 94V-2
- Low Smoke to BS6853–Maximum Opacity AO = 0.03
- Low Toxicity–Toxicity Index to NES713 = 10

1-800-526-4182 • 732-286-1800 (NJ) • FAX: 732-244-8843 • www.heyco.com

HEYCO® Liquid Tight Cordgrips

3-1 Heyco-Tite Liquid Tight Cordgrips – Straight-thru, NPT

3-2 Heyco-Tite Liquid Tight Cordgrips – Split Gland, NPT, PG & Metric

3-3 Heyco-Tite Liquid Tight Cordgrips – Straight-thru, Pg

3-4 Heyco-Tite Liquid Tight Cordgrips – Straight-thru, Metric

3-5 Heyco-Tite Liquid Tight Cordgrips – Pigtail, NPT

3-6 Heyco-Tite Liquid Tight Cordgrips – Pigtail, Pg

3-7 Heyco-Tite Liquid Tight Cordgrips – Pigtail, Metric

3-8 Heyco-Tite Liquid Tight Cordgrips – Right Angle Fold Over, NPT

3-9 Heyco-Tite Liquid Tight Cordgrips – Right Angle Fold Over, PG

3-10 Heyco-Tite Liquid Tight Cordgrips – Right Angle Fold Over, Metric

3-11 Heyco-Tite Liquid Tight Cordgrips – Straight-thru, Snap-in-2

3-12 Heyco-Tite Liquid Tight Cordgrips – Pigtail, Snap-in-2

3-13 & 3-14 Heyco-Tite Liquid Tight Cordgrips – Multi-hole

3-15 Heyco-Tite Liquid Tight Cordgrips – Break-thru Multi-hole

3-16 Heyco-Tite Liquid Tight Cordgrips – Romex® and Oval Holes

3-17 & 3-18 Heyco-Tite Liquid Tight Cordgrips – Halogen-free V-0, NPT, PG and Metric

3-19 Original Series-35 Liquid Tight Cordgrips – Straight-thru, NPT

3-20 Original Series-35 Liquid Tight Cordgrips – Straight-thru, Pg

3-21 Original Series-35 Liquid Tight Cordgrips – Pigtail, NPT

3-22 Original Series-35 Liquid Tight Cordgrips – Pigtail, Pg

3-23 HEYbrid Stainless Steel/Co-molded Liquid Tight Cordgrips – NPT

3-24 HEYbrid Stainless Steel/Co-molded Liquid Tight Cordgrips – Pg

3-25 HEYbrid Stainless Steel/Co-molded Liquid Tight Cordgrips – Metrc

3-26 Heyco-Tite Steel and Zinc Die-Cast Liquid Tight Cordgrips, NPT

3-27 thru 3-30 Heyco-Tite Aluminum Liquid Tight Cordgrips, Straight-thru, NPT

3-31 Heyco-Tite Aluminum Liquid Tight Cordgrips, Right Angle, NPT

3-32 thru 3-34 Heyco-Tite Brass Liquid Tight Cordgrips, NPT, PG and Metric

3-35 & 3-36 HEYbrid Brass/Nylon Liquid Tight Cordgrips, PG and Metric

3-37 & 3-38 Heyco-Tite Brass EMC Liquid Tight Cordgrips, PG and Metric

3-39 Heyco-Tite Brass EMC-2 Liquid Tight Cordgrips, Metric

3-40 Heyco-Tite EMC Brass Locknuts, PG and Metric

3-40 Heyco-Tite Lazy Bend Liquid Tight Cordgrips

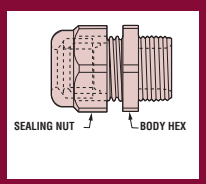
3-41 & 3-42 Nylon and Metal Locknuts – NPT (NPS), Pg & Metric

3-43 Liquid Tight Hole Plugs

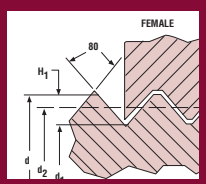
3-44 HEYCo-molded Liquid Tight Break-thru Plugs

3-45 Liquid Tight Threaded Plugs, NPT, PG and Metric

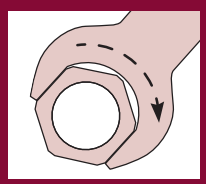
3-46 Pg & Metric Threaded Plugs



3-47 & 3-48 Liquid Tight Cordgrip Installation Instructions



3-49 Liquid Tight Cordgrip DIN Specifications



3-50 Liquid Tight Cordgrip Torque Chart

3-51 Liquid Tight Cordgrip LabKit

HEYCO

NO O-RING REQUIRED!

Heyco®-Tite Liquid Tight Cordgrips

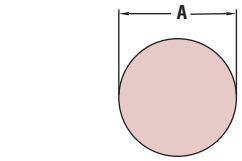
Straight-Thru, NPT Hubs with Integral Sealing Ring

The Ultimate in Liquid Tight Strain Relief Protection

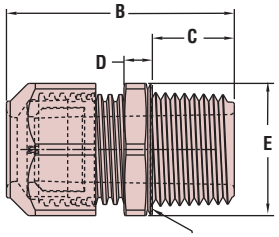
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N or TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Multiple sizes for flexible cord diameters ranging from .065˝ (1,7 mm) to 1.730˝ (44,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 3-41.
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO. Black	PART NO. Gray	DESCRIPTION	UL or cUL	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thk. in.	D mm.	E Flat Size in.	E mm.
.065 .115	1,7 2,9	.210 .250	5,3 6,4	**M4514** **M4516**	**M4515** **M4517**	RLTCG 1/4 LTCG 1/4	cUL	.540	13,7	1.29	32,8	.45	11,4	.21	5,3	.63	16,0
.065 .105	1,7 2,7	.230 .315	5,8 8,0	**M3458** **M3228**	**M3459** **M3229**	RLTCG 3/8 LTCG 3/8	cUL	.680	17,3	1.41	35,8	.49	12,4	.21	5,3	.83	21,1
.095 .170	2,4 4,3	.290 .450	7,4 11,4	**M4518** **M3231**	**M4519** **M3232**	RLTCG 1/2 LTCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
.180 .260	4,6 6,6	.400 .545	10,2 13,8	**M4520** **M3200**	**M4521** **M3201**	RLTCG LL 1/2 LTCG LL 1/2	UL	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
.250	6,4	.490	12,4	**M3460**	**M3461**	RLTCG 3/4											
NEW! .350 .435	8,9 11,0	.630 .705	16,0 17,9	**M3234GA** **M3234**	**M3235GA** **M3235**	LTCG 3/4	UL	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
.490 .590	12,4 15,0	.785 1.000	19,9 25,4	**M8439** **M8437**	**M8440** **M8438**	RLTCG 1 LTCG 1	UL	1.326	33,7	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
.787 .865	20,0 22,0	1.020 1.260	26,0 32,0	**M4522** **M4524**	**M4523** **M4525**	RLTCG 1-1/4 LTCG 1-1/4	UL	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
1.000 1.230	25,4 31,2	1.240 1.560	31,5 39,6	**M3319** **M3317**	**M3320** **M3318**	RLTCG 1-1/2 LTCG 1-1/2	UL	1.920	48,8	2.81	71,3	.77	19,6	.36	9,1	2.47	62,7
1.160 1.450	29,5 36,8	1.350 1.730	34,3 44,0	**M3323** **M3321**	**M3324** **M3322**	RLTCG 2 LTCG 2	UL	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9

Standard colors black and gray.



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING



INTEGRAL SEALING RING

Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	cUL	Recognized under the Component Program of Underwriters' Laboratories File E51579
	SP	Certified By Canadian Standard Association File 93876C Approved for NEMA 4, 4X, 6 and 6P Applications
Flammability Rating		94V-2–Consult factory for V0 material
Temperature Range		Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

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HEYCO

NO O-RING REQUIRED!

ALL NEW PRODUCTS!

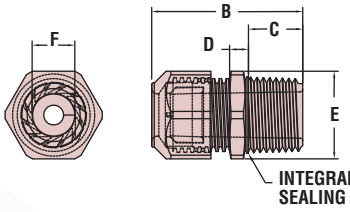
Heyco®-Tite Liquid Tight Cordgrips

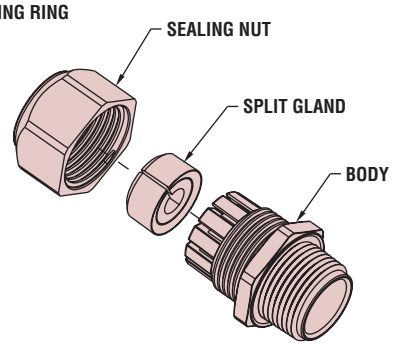
Split Gland for Pre-assembled Cables with Integral Sealing Ring

The Ultimate in Liquid Tight Strain Relief Protection

CABLE DIAMETER RANGE				PART NUMBER		DESCRIPTION	UL or CSA	PART DIMENSIONS											
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thickness		E Wrenching Nut Flat Size		F Sealing Nut Inside Dia.	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
NPT Hubs																			
.210	5,3	.334	8,5	**M3200GBH**	**M3201GBH**	LTCG LL 1/2 NPT 8.5 MM Split	c UL us	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0	.56	14,2
.210	5,3	.334	8,5	**M3234GBH**	**M3235GBH**	LTCG 3/4 NPT 8.5 MM Split	c UL us	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0	.72	18,3
.138	3,5	.610	15,5	**M3234GBJ**	**M3235GBJ**	LTCG 3/4 NPT Split Oval*													
.250	6,4	.334	8,5	**M8437GBH**	**M8438GBH**	LTCG 1 NPT 8.5 MM Split	c UL us	1.326	33,7	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9	1.01	25,7
				M4524GBH	**M4525GBH**	LTCG 1-1/4 NPT 8.5 MM Split	c UL us	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1	1.27	32,3
PG Hubs																			
.210	5,3	.334	8,5	**M3219GBH**	**M3220GBH**	LTCG 16 8.5MM Split	c UL us	.886	22,5	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0	.56	14,2
				M3222GBH	**M3223GBH**	LTCG 21 8.5MM Split	c UL us	1.115	28,3	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0	.72	18,3
.250	6,4	.334	8,5	**M3225GBH**	**M3226GBH**	LTCG 29 8.5MM Split	c UL us	1.470	37,3	2.23	56,6	.57	14,5	.30	7,6	1.73	43,9	1.01	25,7
				M3204GBH	**M3203GBH**	LTCG 36 8.5MM Split	c UL us	1.875	47,6	2.39	60,7	.47	11,9	.31	7,9	2.05	52,7	1.27	32,3
Metric Hubs																			
.210	5,3	.334	8,5	**M3198GBH**	**M3199GBH**	LTCG LL M20 8.5MM Split	c UL us	.787	20,0	1.65	41,9	.41	10,4	.25	6,4	1.06	26,9	.56	14,2
				M4344GBH	**M4345GBH**	LTCG M25 8.5MM Split	c UL us	.985	25,0	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0	.72	18,3
.250	6,4	.334	8,5	**M4348GBH**	**M4349GBH**	LTCG M32 8.5MM Split	c UL us	1.260	32,0	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9	1.01	25,7
				M4352GBH	**M4353GBH**	LTCG M40 8.5MM Split	c UL us	1.575	40,0	2.39	60,7	.47	11,9	.31	7,9	2.05	52,7	1.27	32,3

Standard color black.
*Oval shaped gland opening; not UL Recognized.





- Split Glands are designed for application to the cable **after the cable has passed through the LTCG**; e.g., RJ45 cable with Cat5e termination.
- Simply pass the cable termination through the LTCG body, apply Split Gland to the cable, and insert the gland/cable assembly into the LTCG fingers. Then tighten the Sealing Nut to achieve a **liquid tight seal**.
- For other cable/termination configuration sizes, and Pg and Metric hub threads, please consult Heyco.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.

Material		Nylon 6/6 w/TPE Sealing Gland
Certifications	c UL us	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. Requirements
Flammability Rating		94V-2–Consult factory for V0 material
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

HEYCO

NO O-RING REQUIRED!

Heyco®-Tite Liquid Tight Cordgrips

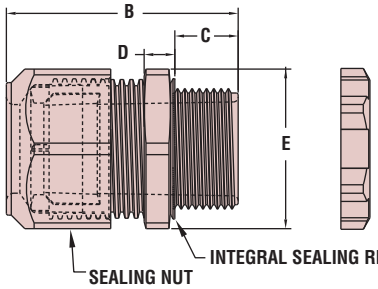
Straight-Thru, PG Hubs with Integral Sealing Ring

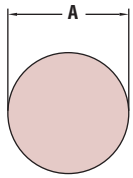
The Ultimate in Liquid Tight Strain Relief Protection

- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters.
- IP 68 rated.
- Approved for **NEMA 4,4X, 6 and 6P** applications.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N or TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Multiple sizes for flexible cord diameters ranging from .065˝ (1,7 mm) to 1.730˝ (44,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Unassembled Nylon Locknuts INCLUDED.**
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESC.	UL or CSA	PART DIMENSIONS									
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Nut Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
Standard Thread																	
.065	1,7	.210	5,3	M3444	M3445	RLTCG 7	CSA	.492	12,5	1.16	29,5	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	M3207	M3208	LTCG 7											
.065	1,7	.230	5,8	M3446	M3447	RLTCG 9	CSA	.599	15,2	1.25	31,8	.32	8,1	.21	5,3	.83	21,0
.105	2,7	.315	8,0	M3210	M3211	LTCG 9											
.069	1,8	.260	6,6	M3448	M3449	RLTCG 11	CSA	.733	18,6	1.48	37,6	.38	9,7	.21	5,3	.94	23,9
.230	5,8	.400	10,2	M3213	M3214	LTCG 11											
.095	2,4	.290	7,4	M4500	M4501	RLTCG 13.5	UL	.804	20,4	1.53	38,9	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	M3216	M3217	LTCG 13.5											
.180	4,6	.400	10,2	M4502	M4503	RLTCG 16	UL	.886	22,5	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
.260	6,6	.545	13,8	M3219	M3220	LTCG 16											
.250	6,4	.490	12,4	M3454	M3455	RLTCG 21	UL	1.12	28,3	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0
NEW! .350	8,9	.630	16,0	M3222GA	M3223GA	LTCG 21											
.435	11,0	.705	17,9	M3222	M3223												
.490	12,4	.785	19,9	M4504	M4505	RLTCG 29	UL	1.470	37,3	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	M3225	M3226	LTCG 29											
.787	20,0	1.020	26,0	M3206	M3205	RLTCG 36	UL	1.88	47,6	2.39	60,7	.47	11,9	.31	7,9	2.05	52,7
.875	22,2	1.260	32,0	M3204	M3203	LTCG 36											
1.000	25,4	1.240	31,5	M3218	M3215	RLTCG 42	UL	2.130	54,1	2.50	63,5	.48	12,2	.36	9,1	2.50	63,5
1.230	31,2	1.560	39,6	M3212	M3209	LTCG 42											
1.160	29,5	1.350	34,3	M3283	M3284	RLTCG 48	UL	2.340	59,4	2.63	66,7	.50	12,7	.42	10,7	2.75	69,9
1.450	36,8	1.730	44,0	M3281	M3282	LTCG 48											
Short Thread																	
NEW! .069	1,8	.260	6,6	M3448ST	M3449ST	RLTCG 11 ST	CSA	.733	18,6	1.41	35,8	.31	7,9	.21	5,3	.94	23,9
.230	5,8	.400	10,2	M3213ST	M3214ST	LTCG 11 ST											
.250	6,4	.490	12,4	M3454ST	M3455ST	RLTCG 21 ST	UL	1.115	28,3	1.80	45,7	.43	10,9	.25	6,4	1.30	33,0
.435	11,0	.705	17,9	M3222ST	M3223ST	LTCG 21 ST											

Standard colors black and gray.





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	CSA	Recognized under the Component Program of Underwriters' Laboratories File E51579
	SP	Certified by Canadian Standard Association File 93876C
		Approved for NEMA 4, 4X, 6 and 6P Applications
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

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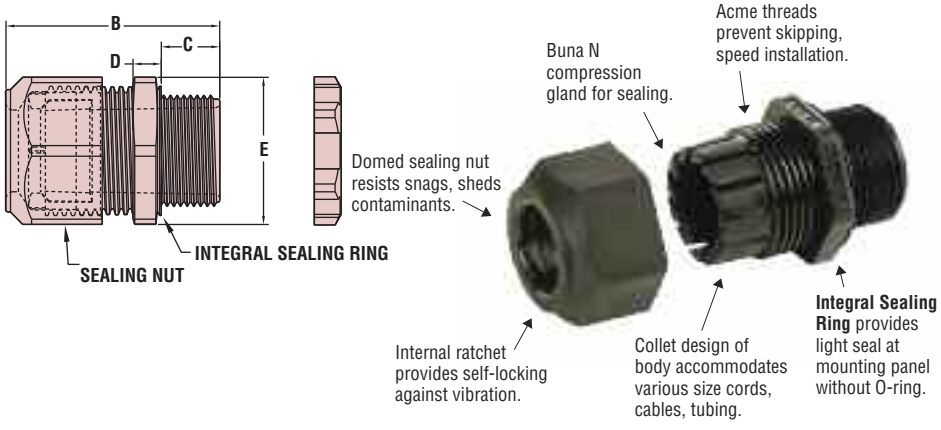
Straight-Thru, Metric Hubs with Integral Sealing Ring

The Ultimate in Liquid Tight Strain Relief Protection

CABLE DIA. RANGE				PART NO.		DESCRIPTION	UL or CSA	PART DIMENSIONS									
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Nut Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065	1,7	.210	5,3	**M4330**	**M4331**	RLTCG M12	CSA	.473	12,0	1.16	29,5	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	**M4332**	**M4333**	LTCG M12											
.065	1,7	.230	5,8	**M4334**	**M4335**	RLTCG M16	CSA	.630	16,0	1.25	31,8	.32	8,1	.21	5,3	.83	21,1
.105	2,7	.315	8,0	**M4336**	**M4337**	LTCG M16											
.095	2,4	.290	7,4	**M4338**	**M4339**	RLTCG M20	UL	.787	20,0	1.49	37,8	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	**M4340**	**M4341**	LTCG M20											
.260	6,6	.545	13,8	**M3198**	**M3199**	LTCG LL M20	UL	.787	20,0	1.65	41,9	.41	10,4	.25	6,4	1.06	26,9
.250	6,4	.490	12,4	**M4342**	**M4343**	RLTCG M25	UL	.985	25,0	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0
.350	8,9	.630	16,0	**M4344GA**	**M4345GA**	LTCG M25											
.435	11,0	.705	17,9	**M4344**	**M4345**												
.490	12,4	.785	19,9	**M4346**	**M4347**	RLTCG M32	UL	1.260	32,0	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	**M4348**	**M4349**	LTCG M32											
.787	20,0	1.020	26,0	**M4350**	**M4351**	RLTCG M40	UL	1.575	40,0	2.39	60,7	.48	12,2	.30	7,6	2.05	52,7
.865	22,0	1.260	32,0	**M4352**	**M4353**	LTCG M40											
1.000	25,4	1.240	31,5	**M3302**	**M3303**	RLTCG M50	UL	1.970	50,0	2.50	63,5	.48	12,2	.36	9,1	2.50	63,5
1.230	31,2	1.560	39,6	**M3300**	**M3301**	LTCG M50											
1.160	29,5	1.350	34,3	**M3306**	**M3307**	RLTCG M63	UL	2.480	63,0	2.63	66,7	.50	12,7	.42	10,7	2.75	69,9
1.450	36,8	1.730	44,0	**M3304**	**M3305**	LTCG M63											

NEW!

Standard colors black and gray.



- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N or TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Multiple sizes for flexible cord diameters ranging from .065˝ (1,7 mm) to 1.730˝ (44,0 mm).
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- **Unassembled Nylon Locknuts INCLUDED.**
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

Material		Nylon 6/6 with Buna N or TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	CSA	Recognized under the Component Program of Underwriters' Laboratories File E51579
	SP	Certified by Canadian Standards Association File 93876C
		Approved for NEMA 4, 4X, 6 and 6P Applications
	D'E	Marks License #136681
	CE	Per EC Low Voltage Directive 73/23/EEC
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

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Pigtail™, NPT Hubs with Integral Sealing Ring

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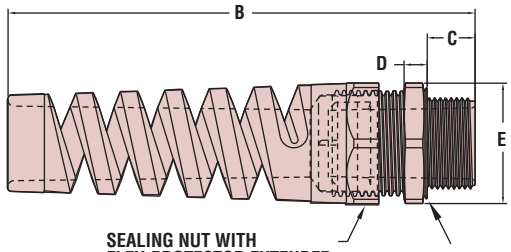
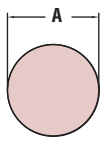
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N or TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Multiple sizes for flexible cord diameters ranging from .065˝ (1,7 mm) to .705˝ (17,9 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 3-41.
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	UL or VU	PART DIMENSIONS									
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065	1,7	.210	5,3	M4536	M4537	Flex RLTCG 1/4	VU	.540	13,7	2.57	65,3	.45	11,4	.21	5,3	.63	16,0
.115	2,9	.250	6,4	M4538	M4539	Flex LTCG 1/4											
.065	1,7	.230	5,8	M3474	M3475	Flex RLTCG 3/8	VU	.680	17,3	2.94	74,7	.49	12,4	.21	5,3	.83	21,1
.105	2,7	.315	8,0	M3254	M3255	Flex LTCG 3/8											
.095	2,4	.290	7,4	M4540	M4541	Flex RLTCG 1/2	UL	.875	22,2	4.09	103,9	.61	15,5	.21	5,3	.98	24,9
.170	4,3	.450	11,4	M3251	M3252	Flex LTCG 1/2											
.260	6,6	.546	13,9	M3266	M3267	Flex LTCG LL 1/2	UL	.875	22,2	4.37	111,0	.44	11,2	.25	6,4	1.06	27,0
.250	6,4	.490	12,4	M3462	M3463	Flex RLTCG 3/4	UL	1.040	26,4	5.15	130,8	.62	15,7	.25	6,4	1.30	33,0
.435	11,0	.705	17,9	M3239	M3242	Flex LTCG 3/4											

Standard colors black and gray.





Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	VU	Recognized under the Component Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 93876C
		Approved for NEMA 4, 4X, 6 and 6P Applications
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

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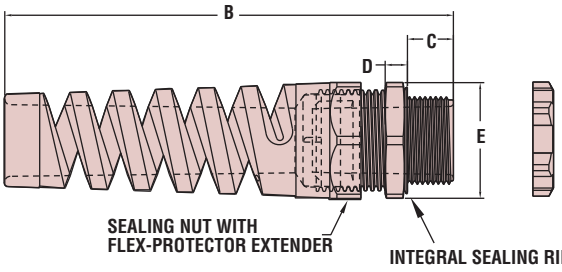
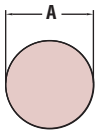
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065	1,7	.210	5,3	**M3464**	**M3465**	Flex RLTCG 7	cULus	.492	12,5	2.44	62,0	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	**M3237**	**M3238**	Flex LTCG 7											
.065	1,7	.230	5,8	**M3466**	**M3467**	Flex RLTCG 9	cULus	.599	15,2	2.77	70,4	.32	8,1	.21	5,3	.83	21,0
.105	2,7	.315	8,0	**M3240**	**M3241**	Flex LTCG 9											
.069	1,8	.250	6,6	**M3468**	**M3469**	Flex RLTCG 11	cULus	.733	18,6	3.46	87,9	.38	9,7	.21	5,3	.94	23,9
.230	5,8	.400	10,2	**M3243**	**M3244**	Flex LTCG 11											
.095	2,4	.290	7,4	**M4526**	**M4527**	Flex RLTCG 13.5	UL	.804	20,4	3.89	98,8	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	**M3246**	**M3247**	Flex LTCG 13.5											
.180	4,6	.400	10,2	**M4528**	**M4529**	Flex RLTCG 16	UL	.886	22,5	4.37	111,0	.44	11,2	.25	6,4	1.06	27,0
.260	6,6	.545	13,8	**M3249**	**M3250**	Flex LTCG 16											
.250	6,4	.490	12,4	**M3478ST**	**M3479ST**	Flex RLTCG 21 ST	UL	1.115	28,3	4.95	125,7	.43 *	10,9	.25	6,4	1.30	33,0
.435	11,1	.705	17,9	**M3245ST**	**M3248ST**	Flex LTCG 21 ST											
.250	6,4	.490	12,4	**M3478**	**M3479**	Flex RLTCG 21	UL	1.115	28,3	5.04	128,0	.52	13,2	.25	6,4	1.30	33,0
.435	11,1	.705	17,9	**M3245**	**M3248**	Flex LTCG 21											

Standard colors black and gray.

* .43˝ (10,9 mm) Shorty LTCG Thread Length.





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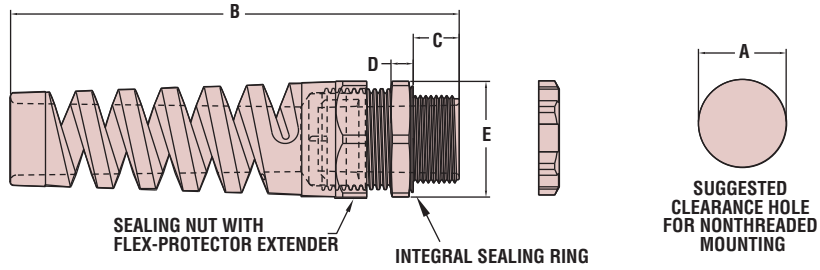
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065	1,7	.210	5,3	**M4396**	**M4397**	Flex RLTCG M12	VDE	.473	12,0	2.44	62,0	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	**M4398**	**M4399**	Flex LTCG M12											
.065	1,7	.230	5,8	**M4400**	**M4401**	Flex RLTCG M16	VDE	.630	16,0	2.77	70,4	.32	8,1	.21	5,3	.83	21,1
.105	2,7	.315	8,0	**M4402**	**M4403**	Flex LTCG M16											
.095	2,4	.290	7,4	**M4404**	**M4405**	Flex RLTCG M20	UL	.787	20,0	3.89	98,8	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	**M4406**	**M4407**	Flex LTCG M20											
.260	6,6	.545	13,8	**M3270**	**M3271**	Flex LTCG LL M20	UL	.787	20,0	4.34	110,2	.41	10,4	.25	6,4	1.06	26,9
.250	6,4	.490	12,4	**M4408**	**M4409**	Flex RLTCG M25	UL	.985	25,0	5.04	128,0	.52	13,2	.25	6,4	1.30	33,0
.435	11,1	.705	17,9	**M4410**	**M4411**	Flex LTCG M25											

Standard colors black and gray.



Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	VDE	Recognized under Components Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standards Association File 93876C
		Approved for NEMA 4, 4X, 6 and 6P Applications
	VDE	VDE Marks License 136681
	CE	Per CE Low Voltage Directive 73/23/EEC
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

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HEYCO

NO O-RING REQUIRED!

Heyco®-Tite Liquid Tight Cordgrips

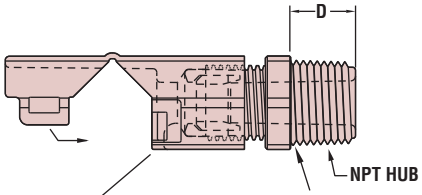
Right Angle, NPT Hubs with Integral Sealing Ring

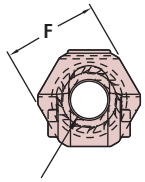
The Ultimate in Liquid Tight Strain Relief Protection

Patented Fold Over Design

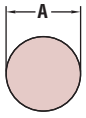
CABLE DIA. RANGE		PART NO.		DESCRIPTION		PART DIMENSIONS											
		Black	Gray		UL or cUL	A Clearance Hole Dia.		B Right Angle Height		C Max O.A. Length (Closed)		D Thread Length		E Sealing Nut Length		F Wrenching Nut Flat Size	
in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065 - .210	1,7 - 5,3	**M4560**	**M4561**	RLTCG 1/4 90	cUL	.540	13,7	.69	17,5	1.67	42,5	.45	11,4	.86	22,0	.63	16,0
.115 - .250	2,9 - 6,4	**M4562**	**M4563**	LTCG 1/4 90													
.065 - .230	1,7 - 5,8	**M8560**	**M8561**	RLTCG 3/8 90	cUL	.680	17,3	.88	22,3	1.93	48,9	.49	12,4	1.07	27,1	.83	21,0
.105 - .315	2,7 - 8,0	**M8562**	**M8563**	LTCG 3/8 90													
.095 - .290	2,4 - 7,4	**M4564**	**M4565**	RLTCG 1/2 90	UL	.875	22,2	1.06	26,9	2.41	61,2	.61	15,5	1.38	35,1	.98	24,9
.170 - .450	4,3 - 11,4	**M8564**	**M8565**	LTCG 1/2 90													

Standard colors black and gray.

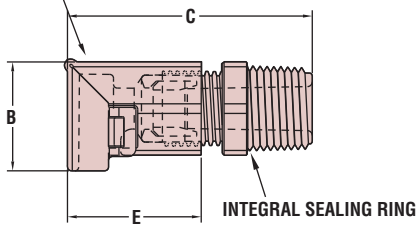




PART ACCOMMODATES CABLE DIAMETERS SHOWN IN CHART ABOVE



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING



- Cordgrip is molded in the open position for ease of installation. After cable insertion, the fitting snaps closed, bending the cable without damage. This assembly method saves considerable time and money.
- Part design provides liquid tight integrity even in the open position.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Acme threads on body prevent skipping and speed installation.
- Multiple sizes for flexible cord diameters ranging from .065˝ (1,7 mm) to .450˝ (11,4 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Patented**.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 3-41.
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	cUL	Recognized under Components Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 93876C Approved for NEMA 4, 4X, 6 and 6P Applications
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

HEYCO

NO O-RING REQUIRED!

Heyco®-Tite Liquid Tight Cordgrips

Right Angle, PG Hubs with Integral Sealing Ring

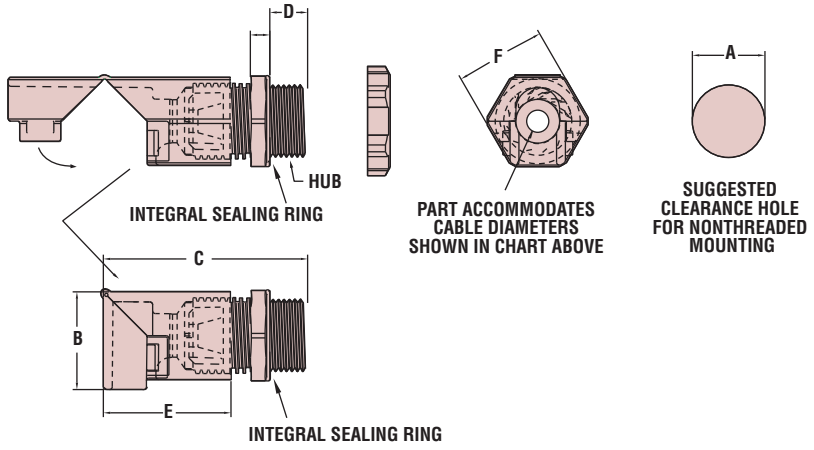
The Ultimate in Liquid Tight Strain Relief Protection

Patented Fold Over Design

- Cordgrip is molded in the open position for ease of installation. After cable insertion, the cordgrip snaps closed, bending the cable without damage. This assembly method saves considerable time and money.
- Part design provides liquid tight integrity even in the open position.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable dimensions.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N or TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Patented**.
- **Unassembled Nylon Locknuts INCLUDED.**
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE		PART NO.		DESCRIPTION	UL or CSA	PART DIMENSIONS											
		Black	Gray			A Clearance Hole Dia.		B Right Angle Height		C Max O.A. Length (Closed)		D Thread Length		E Sealing Nut Length		F Wrenching Nut Flat Size	
in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065 - .210	1,7 - 5,3	M8530	M8531	RLTCG 7 90	CSA	.492	12,5	.69	17,5	1.53	38,8	.32	8,1	.86	21,8	.63	16,0
.115 - .250	2,9 - 6,4	M8532	M8533	LTCG 7 90													
.065 - .230	1,7 - 5,8	M8534	M8535	RLTCG 9 90	CSA	.599	15,2	.88	22,3	1.77	44,9	.32	8,1	1.07	27,1	8.3	21,0
.105 - .315	2,7 - 8,0	M8536	M8537	LTCG 9 90													
.069 - .260	1,8 - 6,6	M8538	M8539	RLTCG 11 90	CSA	.733	18,6	.99	25,1	2.01	51,0	.38	9,7	1.23	31,2	.94	23,9
.230 - .400	5,8 - 10,2	M8540	M8541	LTCG 11 90													
.095 - .290	2,4 - 7,4	M4542	M4543	RLTCG 13.5 90	UL	.804	20,4	1.06	26,9	2.21	56,1	.41	10,4	1.38	35,1	.98	24,9
.170 - .450	4,3 - 11,4	M8542	M8543	LTCG 13.5 90													

Standard colors black and gray.



Material	Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	UL Listed under Underwriters' Laboratories File E51579
	CSA Recognized under Components Program of Underwriters' Laboratories File E51579
	CSA Certified by Canadian Standard Association File 93876C
	Approved for NEMA 4, 4X, 6 and 6P Applications
Flammability Rating	94V-2
Temperature Range	Static -40°F (-40°C) to 239°F (115°C)
	Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68 (70 PSI, 5 BAR)

Quick Specs

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HEYCO

Heyco®-Tite Liquid Tight Cordgrips

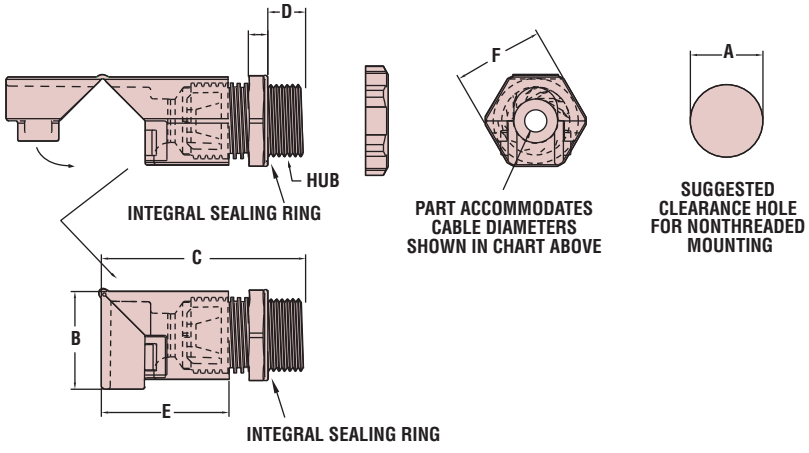
Right Angle, Metric Hubs with Integral Sealing Ring

The Ultimate in Liquid Tight Strain Relief Protection

Patented Fold Over Design

CABLE DIA. RANGE		PART NO.		DESCRIPTION	UL or	PART DIMENSIONS											
		Black	Gray			A Clearance Hole Dia.		B Right Angle Height		C Max O.A. Length (Closed)		D Thread Length		E Sealing Nut Length		F Wrenching Nut Flat Size	
in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.065 - .210	1,7 - 5,3	**M4448**	**M4449**	RLTCG M12 90		.473	12,0	.69	17,5	1.53	38,8	.32	8,1	.86	22,0	.63	16,0
.115 - .250	2,9 - 6,4	**M4450**	**M4451**	LTCG M12 90													
.065 - .230	1,7 - 5,8	**M4452**	**M4453**	RLTCG M16 90		.630	16,0	.88	22,3	1.77	44,9	.32	8,1	1.07	27,1	.83	21,0
.105 - .315	2,7 - 8,0	**M4454**	**M4455**	LTCG M16 90													
.095 - .290	2,4 - 7,4	**M4456**	**M4457**	RLTCG M20 90		.787	20,0	1.06	26,9	2.21	56,1	.41	10,4	1.38	35,1	.98	24,9
.170 - .450	4,3 - 11,4	**M4458**	**M4459**	LTCG M20 90													

Standard colors black and gray.



- Cordgrip is molded in the open position for ease of installation. After cable insertion, the cordgrip snaps closed, bending the cable without damage. This assembly method saves considerable time and money.
- Part design provides liquid tight integrity even in the open position.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable dimensions.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N or TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Patented.**
- CE Low Voltage Directive 73/23/EEC.
- VDE Marks License #13668
- **Unassembled Nylon Locknuts INCLUDED.**
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
		Recognized under Components Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 93876C
		Approved for NEMA 4, 4X, 6 and 6P Applications
	VDE	VDE Marks License #13668
	CE	Low Voltage Directive 73/23/EEC
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

HEYCO

Heyco®-Tite Snap-In-2® Liquid Tight Cordgrips

NO LOCKNUT REQUIRED!

Straight-Thru, Snap-In Hubs

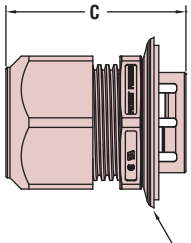
For Panels from .062˝ (1,6 mm) to .125˝ (3,2 mm) Thick

The Ultimate in Liquid Tight Strain Relief Protection

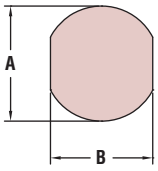
- Easy installation–unique fingers securely snap into a range of panel thicknesses – up to .125˝ (3,2 mm) – with no tools or locknuts required.
- Sealing flange prevents sealing washer displacement due to water velocity to ensure a liquid tight IP 65 and IP 67 seal.
- Eliminate need for locknut or threaded hole to achieve liquid tight seal at panel; perfect for low clearance installation where locking nut access is limited.
- Ratchet design of sealing nut assembly provides superior anti-vibration and ensures a firm grip on the cable.
- Foam washer included.
- Rotation prevented when used in "Double D" mounting holes.
- Available in multiple sizes for flexible cord diameters ranging from .065˝ (1,7 mm) to 1.000˝ (25,4 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.	DESCRIPTION	UL or CSA	PANEL DIMENSIONS					
Minimum		Maximum		Black			A Mounting Hole Dia.		B To Prevent Rotation		C Max. O.A. Length	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.065 .115	1,7 2,9	.210 .250	5,3 6,4	**M3802** **M3800**	LTRSCG 500 LTSCG 500	CSA	.500	12,7	.450	11,4	1.21	30,7
.065 .105	1,7 2,7	.230 .315	5,8 8,0	**M3808** **M3806**	LTRSCG 625 LTSCG 625	CSA	.625	15,9	.550	14,0	1.30	33,0
.069 .230	1,8 5,8	.250 .395	6,4 10,0	**M3814** **M3812**	LTRSCG 750 LTSCG 750	CSA	.750	19,1	.660	16,8	1.48	37,6
.095 .170	2,4 4,3	.260 .450	6,6 11,4	**M3820** **M3818**	LTRSCG 875 LTSCG 875	CSA	.875	22,2	.770	19,6	1.46	37,1
.180 .260	4,6 6,6	.440 .546	11,2 13,9	**M3826** **M3824**	LTRSCG 1000 LTSCG 1000	CSA	1.000	25,4	.875	22,2	1.62	41,1
.250 .485	6,4 12,3	.485 .709	12,3 18,0	**M3838** **M3836**	LTRSCG 1125 LTSCG 1125	CSA	1.125	28,6	1.000	25,4	1.75	44,5
.490 .590	12,4 15,0	.787 .920	20,0 23,4	**M3844** **M3842**	LTRSCG 1250 LTSCG 1250	CSA	1.250	31,8	1.125	28,6	2.05	52,1
.490 .590	12,4 15,0	.787 1.000	20,0 25,4	**M3850** **M3848**	LTRSCG 1375 LTSCG 1375	CSA	1.375	34,9	1.250	31,8	2.05	52,1

Standard color black.



SEALING FLANGE/ WASHER CONSTRUCTION



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	CSA	Recognized under Components Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 93876C
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 65 and IP 67

Quick Specs

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HEYCO

Heyco®-Tite Snap-In-2® Liquid Tight Cordgrips

Pigtail™, Snap-In Hubs

For Panels from .062″ (1,6 mm) to .125″ (3,2 mm) Thick

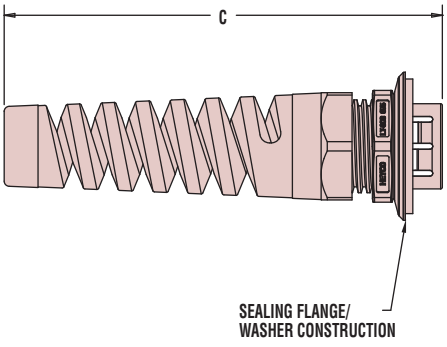
The Ultimate in Liquid Tight Strain Relief Protection

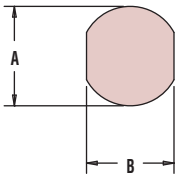
NO LOCKNUT REQUIRED!

CABLE DIA. RANGE				PART NO.	DESCRIPTION		PANEL DIMENSIONS					
Minimum		Maximum		Black		UL or cUL	A Mounting Hole Dia.		B To Prevent Rotation		C Max. O.A. Length	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.065 .115	1,7 2,9	.210 .250	5,3 6,4	**M3862** **M3860**	Flex LTRSCG 500 Flex LTSCG 500	cUL	.500	12,7	.450	11,4	2.50	63,5
.065 .105	1,7 2,7	.230 .315	5,8 8,0	**M3868** **M3866**	Flex LTRSCG 625 Flex LTSCG 625	cUL	.625	15,9	.550	14,0	2.83	71,9
.069 .230	1,8 5,8	.250 .395	6,4 10,0	**M3874** **M3872**	Flex LTRSCG 750 Flex LTSCG 750	cUL	.750	19,1	.660	16,8	3.46	87,9
.095 .170	2,4 4,3	.260 .450	6,6 11,4	**M3880** **M3878**	Flex LTRSCG 875 Flex LTSCG 875	cUL	.875	22,2	.770	19,6	3.86	98,0
.180 .260	4,6 6,6	.440 .546	11,2 13,9	**M3886** **M3884**	Flex LTRSCG 1000 Flex LTSCG 1000	cUL	1.000	25,4	.875	22,2	4.32	109,7
.485	12,3	.709	18,0	**M3896**	Flex LTSCG 1125	cUL	1.125	28,6	1.000	25,4	4.90	124,5

Standard color black.

- Integral nylon spring eases the cable into a lazy bend; prevents kinking and assures longest cable and product life.
- Easy installation–unique fingers securely snap into a range of panel thicknesses – up to .125″ (3,2 mm) – with no tools or locknuts required.
- Sealing flange prevents sealing washer displacement due to water velocity to ensure a liquid tight IP 65 and IP 67 seal.
- Eliminate need for locknut or threaded hole to achieve liquid tight seal at panel; perfect for low clearance installation where locking nut access is limited.
- Ratchet design of sealing nut assembly provides superior anti-vibration and ensures a firm grip on the cable.
- Foam washer included.
- Rotation prevented when used in "Double D" mounting holes.
- Available in multiple sizes for flexible cord diameters ranging from .065″ (1,7 mm) to .709″ (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Consult Heyco for cordgrips molded in other colors.





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material		Nylon 6/6 w/Buna N or TPE Sealing Gland
Certifications	cUL	Recognized under Components Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 93876C
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 65 and IP 67

Quick Specs

HEYCO

Heyco®-Tite Liquid Tight Cordgrips

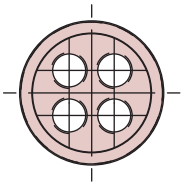
Multi-Hole with Integral Sealing Ring
Sequenced by Conductor Size
The Ultimate in Liquid Tight Strain Relief Protection

NO O-RING REQUIRED!

- Heyco® **Multi-hole glands** provide the widest range of conductor through-hole size and number configurations, many of which are agency approved. See the tabular charts for specific approvals for specific parts. These approvals are not "global" or implied approvals; they are both real and part specific.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole locaton, every time.
- IP 68 rated.
- Cordgrips are made of nylon construction with TPE sealing glands that resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- For body part dimensions see page 3-1, 3-3, and 3-4.
- Multi-hole glands are only to be used with Heyco Liquid Tight Cordgrips and are not sold separately.
- Consult Heyco for Cordgrips molded in other colors.

CONDUCTORS			NPT HUB* *specifications on page 3-1*		PG HUB** *specifications on page 3-2*		METRIC HUB** *specifications on page 3-3*	
Hole Size mm.	No.	(UL) or (c UL us)	Black Part No.	Desc.	Black Part No.	Desc.	Black Part No.	Desc.
Round, Open Holes - consult Heyco for Snap-in-2 Hub versions								
1,4	4		**M3228GAP**	LTCG 3/8	**M3210GAP**	LTCG 9	**M4336GAP**	LTCG M16
	6		**M3228GAZ**	LTCG 3/8	**M3210GAZ**	LTCG 9	**M4336GAZ**	LTCG M16
	10		**M3228GE**	LTCG 3/8	**M3210GE**	LTCG 9	**M4336GE**	LTCG M16
1,5	2		**M4516GBA**	LTCG 1/4	**M3207GBA**	LTCG 7	**M4332GBA**	LTCG M12
	3		–	–	**M3213GF**	LTCG 11	–	–
1,6	5		**M3228GG**	LTCG 3/8	**M3210GG**	LTCG 9	**M4336GG**	LTCG M16
1,7	2		**M3228GH**	LTCG 3/8	**M3210GH**	LTCG 9	**M4336GH**	LTCG M16
	3		**M3228GJ**	LTCG 3/8	**M3210GJ**	LTCG 9	**M4336GJ**	LTCG M16
	4		**M3228GK**	LTCG 3/8	**M3210GK**	LTCG 9	**M4336GK**	LTCG M16
2,0	3		**M3231GL**	LTCG 1/2	**M3216GL**	LTCG 13	**M4340GL**	LTCG M20
2,3	4		**M3228GM**	LTCG 3/8	**M3210GM**	LTCG 9	**M4336GM**	LTCG M16
2,5	2		**M3231GN**	LTCG 1/2	**M3216GN**	LTCG 13	**M4340GN**	LTCG M20
2,8	4		–	–	**M3213GAY**	LTCG 11	–	–
3,0	2		**M3228GP**	LTCG 3/8	**M3210GP**	LTCG 9	**M4336GP**	LTCG M16
			–	–	**M3213GB**	LTCG 11***	–	–
			–	–	**M3213GP**	LTCG 11	–	–
	3		–	–	**M3213GQ**	LTCG 11	–	–
			M3231GQ	LTCG 1/2	**M3216GQ**	LTCG 13	**M4340GQ**	LTCG M20
			M3200GQ	LTCG LL 1/2	**M3219GQ**	LTCG 16	–	–
	4		**M3200GR**	LTCG LL 1/2	**M3219GR**	LTCG 16	–	–
	6		**M3231GS**	LTCG 1/2	**M3216GS**	LTCG 13	**M4340GS**	LTCG M20
			M3200GS	LTCG LL 1/2	**M3219GS**	LTCG 16	–	
3,8	2		**M3231GT**	LTCG 1/2	**M3216GT**	LTCG 13	**M4340GT**	LTCG M20
	6		**M3200GW**	LTCG LL 1/2	**M3219GW**	LTCG 16	–	–
4,0	2		–	–	**M3213GAK**	LTCG 11	–	–
	3		**M3231GX**	LTCG 1/2	**M3216GX**	LTCG 13	**M4340GX**	LTCG M20
			M3200GX	LTCG LL 1/2	**M3219GX**	LTCG 16	–	–
	4		**M3200GY**	LTCG LL 1/2	**M3219GY**	LTCG 16	–	–
	5		**M3200GZ**	LTCG LL 1/2	**M3219GZ**	LTCG 16	–	–
	6		**M3200GBB**	LTCG LL 1/2	**M3219GBB**	LTCG 16	–	–

Standard color black.
***Locknuts not included.** For Locknut specifications or to order Locknuts separately, see pages 3-41 & 3-42.
****Unassembled Nylon Locknuts INCLUDED.**
*****Short Thread**



Multi-hole Gland (typical)

Quick Specs

Material	Nylon 6/6 with TPE Sealing Gland
Flammability Rating	94V-2 Standard
Temperature Range	Static -40°F (-40°C) to 239°F (115°C)
	Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68

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HEYCO

Heyco®-Tite Liquid Tight Cordgrips

Multi-Hole with Integral Sealing Ring
Sequenced by Conductor Size
The Ultimate in Liquid Tight Strain Relief Protection

NO O-RING REQUIRED!

CONDUCTORS			NPT HUB* *specifications on page 3-1*		PG HUB** *specifications on page 3-2*		METRIC HUB** *specifications on page 3-3*	
Hole Size mm.	No.	UL or cULus	Black Part No.	Desc.	Black Part No.	Desc.	Black Part No.	Desc.
Round, Open Holes - consult Heyco for Snap-in-2 Hub versions								
4,2	2		**M3231GAB**	LTCG 1/2	**M3216GAB**	LTCG 13	**M4340GAB**	LTCG M20
4,5	9	cULus	**M8437GBF**	LTCG 1	**M3225GBF**	LTCG 29	**M4348GBF**	LTCG M32
	13	cULus	**M4524GBG**	LTCG 1-1/4	**M3204GBG**	LTCG 36	**M4352GBG**	LTCG M40
4,6	3		**M3234GBD**	LTCG 3/4	**M3222GBD**	LTCG 21	**M4344GBD**	LTCG M25
	4		**M3234GBE**	LTCG 3/4	**M3222GBE**	LTCG 21	**M4344GBE**	LTCG M25
5,0	2		**M3231GAC**	LTCG 1/2	**M3216GAC**	LTCG 13	**M4340GAC**	LTCG M20
	4		**M3234GAD**	LTCG 3/4	**M3222GAD**	LTCG 21	**M4344GAD**	LTCG M25
5,2	2	UL	**M3231GAE†**	LTCG 1/2	**M3216GAE**	LTCG 13	**M4340GAE††**	LTCG M20
	3	UL	**M3234GAF†**	LTCG 3/4	**M3222GAF**	LTCG 21	**M4344GAF**	LTCG M25
	4	UL	**M3234GAG†**	LTCG 3/4	**M3222GAG**	LTCG 21	**M4344GAG**	LTCG M25
5,6	3	UL	**M3200GAH†**	LTCG LL 1/2	**M3219GAH**	LTCG 16	**M3198GAH**	LTCG LL M20
6,0	2		**M3200GAJ**	LTCG LL 1/2	**M3219GAJ**	LTCG 16	**M3198GAJ**	LTCG LL M20
	4		**M3234GBC**	LTCG 3/4	**M3222GBC**	LTCG 21	**M4344GBC**	LTCG M25
6,5	6		**M8437GAL**	LTCG 1	**M3225GAL**	LTCG 29	**M4348GAL**	LTCG M32
			M4524GAL	LTCG 1-1/4	**M3204GAL**	LTCG 36	**M4352GAL**	LTCG M40
7,0	3		**M3234GAM**	LTCG 3/4	**M3222GAM**	LTCG 21	**M4344GAM**	LTCG M25
7,4	2		**M3234GAN**	LTCG 3/4	**M3222GAN**	LTCG 21	**M4344GAN**	LTCG M25
8,0	2		**M3234GAQ**	LTCG 3/4	**M3222GAQ**	LTCG 21	**M4344GAQ**	LTCG M25
	6		**M4524GAR**	LTCG 1-1/4	**M3204GAR**	LTCG 36	**M4352GAR**	LTCG M40
9,0	4		**M8437GAS**	LTCG 1	**M3225GAS**	LTCG 29	**M4348GAS**	LTCG M32
	5		**M4524GAT**	LTCG 1-1/4	**M3204GAT**	LTCG 36	**M4352GAT**	LTCG M40
	7		**M4524GAW**	LTCG 1-1/4	**M3204GAW**	LTCG 36	**M4352GAW**	LTCG M40
9,5	4		**M8437GAX**	LTCG 1	**M3225GAX**	LTCG 29	**M4348GAX**	LTCG M32

Standard color black.
***Locknuts not included.** For Locknut specifications or to order Locknuts separately, see pages 3-41 & 3-42.
****Unassembled Nylon Locknuts INCLUDED.**
†Assembled Metal Locknut INCLUDED
††M4340GAE is UL approved under File E51579

- Heyco® **Multi-hole glands** provide the widest range of conductor through-hole size and number configurations, many of which are agency approved. See the tabular charts for specific approvals for specific parts. These approvals are not "global" or implied approvals; they are both real and part specific.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole locaton, every time.
- IP 68 rated.
- Cordgrips are made of nylon construction with TPE sealing glands that resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- For body part dimensions see page 3-1, 3-3, and 3-4.
- Multi-hole glands are only to be used with Heyco Liquid Tight Cordgrips and are not sold separately.
- Consult Heyco for Cordgrips molded in other colors.

Material		Nylon 6/6 with TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
Flammability Rating		94V-2 Standard
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68

Quick Specs

HEYCO

Heyco®-Tite Liquid Tight Break-Thru™ Cordgrips

NO O-RING REQUIRED!

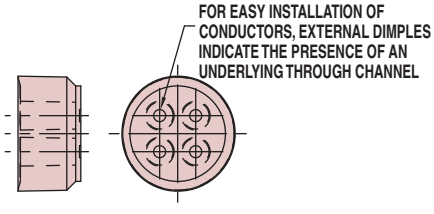
Multi-Hole, NPT Hubs with Skinned-over Gland and Integral Sealing Ring
IP 68 Rated - Sequenced by Conductor Size
The Ultimate in Liquid Tight Strain Relief Protection

- Heyco® **Break-Thru™ Skinned-Over glands** offer the flexibility to use fewer of the available holes while still providing a liquid tight seal around the conductors. Consult Heyco® for additional Skinned-over gland number, size, and hub configurations.
- Heyco® **Multi-hole glands** provide the widest range of conductor through-hole size and number configurations, many of which are agency approved. See the tabular charts for specific approvals for specific parts. These approvals are not "global" or implied approvals; they are both real and part specific.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole locaton, every time.
- IP 68 rated.
- Cordgrips are made of nylon construction with TPE sealing glands that resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- For body part dimensions see page 3-1, 3-3, and 3-4.
- Multi-hole glands are only to be used with Heyco Liquid Tight Cordgrips and are not sold separately.
- Consult Heyco for Cordgrips molded in other colors.

GLAND CONFIGURATION Conductors			PART NO.	DESCRIPTION		PART DIMENSIONS									
						A		B		C		D		E	
Type *	Size mm.	No.	Black		UL or cULus	Clearance Hole Dia.		Max. O.A. Length		Thread Length		Wrenching Nut Thickness		Flat Size	
						in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
Break-Thru aka "Solar Mastheads"															
n/a	4,8	4	M3200GCQ-SM	SMCG LL 1/2	n/a	.87	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
		5	M3234GBR-SM	SMCG 3/4	cULus	1.04	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
		9	M8437GBK-SM	SMCG 1	cULus	1.33	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
USE-2	5,5	13	M4524GBM-SM	SMCG 1-1/4	cULus	1.68	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
		21	M3317GBQ-SM	SMCG 1-1/2	cULus	1.92	48,8	2.81	71,3	.76	19,3	.36	9,1	2.48	63,0
		31	M3321GBY-SM	SMCG 2	cULus	2.40	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9
USE-2	5,6	3	M3200GAH-SM	SMCG LL 1/2	UL	.87	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0
PV 1000 or USE-2 **	7,7	3	M3234GBS-SM	SMCG 3/4	UL	1.04	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
		5	M8437GBT-SM	SMCG 1	UL	1.33	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
		9	M4524GBW-SM	SMCG 1-1/4	UL	1.68	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
		11	M3317GBZ-SM	SMCG 1-1/2	cULus	1.92	48,8	2.81	71,3	.76	19,3	.36	9,1	2.48	63,0
		19	M3321GBX-SM	SMCG 2	UL	2.40	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9
PV 1000	8,9	7	M4524GCJ-SM	SMCG 1-1/4	UL/CSA	1.68	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
		9	M3317GCK-SM	SMCG 1-1/2	cULus	1.92	48,8	2.81	71,3	.76	19,3	.36	9,1	2.48	63,0
		12	M3321GCM-SM	SMCG 2	UL/CSA	2.40	60,8	2.93	74,3	.79	20,1	.42	10,7	2.75	69,9
Break-Thru Combo* and custom parts**															
combo	0,8 6,0	2 1	M3231GCF-SM	SMCG 1/2	n/a	.87	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
combo	0,8 6,0	5 1	M3231GCP-SM	SMCG 1/2											
combo	3,3 8,3	6 3	M8437GCC-SM	SMCG 1	n/a	1.33	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
custom	4,8	4	M3200GCQ-SM	SMCG LL 1/2	n/a	.87	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0

Standard color black.
* AWG 10 and 12 for both USE-2 and PV 1000
** 8 AWG USE-2 Wire.
*** Combo parts for mixed conductor sizes and numbers. Consult Heyco for your particular Combo.
Metal Locknuts INCLUDED.

Don't see the Break-Thru configuration you need? *Consult Heyco for your particular Conductor Size/Number and Hub configuration; or for additional Gland/Hub permutations not shown. Our Axcell Rapid Response Team is ready to meet your design requirements.*



Break-Thru™ Skinned-over Gland (typical)

Material		Nylon 6/6 with TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
	CSA	Certified by the Canadian Standards Association File 93876
Flammability Rating		94V-2 Standard
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68

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HEYCO

Heyco®-Tite Nylon Liquid Tight Romex® and Other Oval Hole Connectors

Straight-Thru, NPT Hubs with Integral Sealing Ring, Approved for NEMA 6 and 6P Applications

For Romex® NM-B and UF-B Cables. For use in clearance or threaded holes, electrical conduit couplings and adapters.

The Ultimate in Liquid Tight Strain Relief Protection

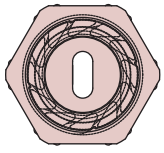
NO O-RING REQUIRED!

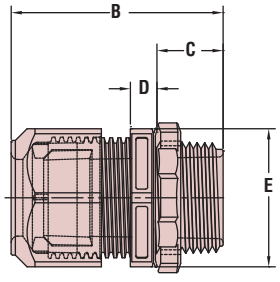
WILL FIT THESE CABLES				PART NO.	DESCRIPTION		PART DIMENSIONS									
Romex® Type	AWG/ Conds.	Approximate Size		Black		UL	A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thickness		E Wrenching Nut Flat Size	
		in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
Romex® Connectors - assembled steel locknuts **included**																
NM-B	14/2	.19 x .39	4,9 x 9,9	**M3231GZA***	LTCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
				M3234GZA	LTCG 3/4	–	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
NM-B	12/2	.21 x .42	5,3 x 10,7	**M3231GZB***	LTCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
				M3234GZB	LTCG 3/4	UL	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
UFB	14/2	.18 x .35	4,5 x 8,9	**M3234GZE**	LTCG 3/4	–	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
	12/2	.19 x .42	4,8 x 10,7	**M3234GZF**	LTCG 3/4	UL										
	14/3	.19 x .63	4,8 x 16,1	**M3234GZG***												
Other Oval Hole LTCGs - locknuts not included																
n/a	n/a	.45 x .21	11,4 x 5,3	**M3234GZK**	LTCG 3/4	–	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
		.31 x .19	7,9 x 4,8	**M3234GZM**	LTCG 3/4											
n/a	n/a	.69 x .19	17,5 x 4,8	**M8437GZH**	LTCG 1	–	1.326	33,7	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9

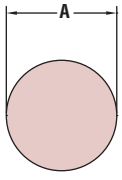
Standard color black.

* SP Certified by Canadian Standard Association for NMD-90 wire–File 93876.

- **Multiple gland sizes for 12/2 through 14/3 Romex® NM-B and UF-B cable**. Consult Heyco for additional cable sizes.
- Hub sizes for 1/2 NPT and 3/4 NPT electrical knock-outs or threaded couplings. Consult Heyco for PG and Metric threaded hubs.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on this cable.
- Integral Sealing Ring ensures a superior seal at mounting locations every time.
- All nylon construction with TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Suitable for NEMA 6 and 6P enclosures.
- **Assembled Metal Locknuts INCLUDED**.







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material	Nylon 6/6 with TPE Sealing Gland
Certifications	UL Listed under Underwriters' Laboratories File E103540
Flammability Rating	94V-2
Temperature Range	Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68

Quick Specs

HEYCO

Heyco®-Tite Liquid Tight Cordgrips in Halogen Free V-0 Nylon

Straight-Thru, NPT Hubs with Integral Sealing Ring

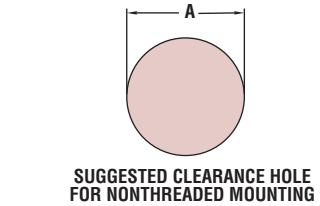
The Ultimate in Liquid Tight Strain Relief Protection

NO O-RING REQUIRED!

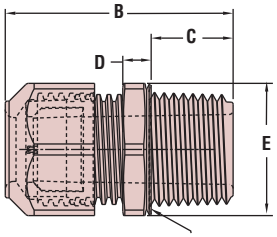
- **Molded from a nylon material which, in the event of a fire, will not burn and will not produce toxic gases.** Also formulated for sunlight resistance.
- Integral Sealing ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL).
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- Locknuts not included. For Nylon Locknut specifications, or to order nylon locknuts separately, see page 3-41.
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO. Black	DESCRIPTION	UL or cUL	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thickness in.	D mm.	E Flat Size in.	E mm.
.065 .115	1,7 2,9	.210 .250	5,3 6,4	**V4514** **V4516**	RLTCG 1/4 LTCG 1/4	cUL	.540	13,7	1.29	32,8	.45	11,4	.21	5,3	.63	16,0
.065 .105	1,7 2,7	.230 .315	5,8 8,0	**V3458** **V3228**	RLTCG 3/8 LTCG 3/8	cUL	.680	17,3	1.41	35,8	.49	12,4	.21	5,3	.83	21,1
.095 .170	2,4 4,3	.290 .450	7,4 11,4	**V4518** **V3231**	RLTCG 1/2 LTCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
.180 .270	4,6 6,9	.400 .545	10,1 13,8	**V4520** **V3200**	RLTCG LL 1/2 LTCG LL 1/2	UL	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.07	27,0
.250 .435	6,4 11,0	.490 .705	12,4 17,9	**V3460** **V3234**	RLTCG 3/4 LTCG 3/4	UL	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
.490 .590	12,4 15,0	.785 1.000	19,9 25,4	**V8439** **V8437**	RLTCG 1 LTCG 1	UL	1.326	33,7	2.41	61,2	.75	19,1	.30	7,6	1.73	43,9
.787 .940	20,0 23,9	1.020 1.260	25,9 32,0	**V4522** **V4524**	RLTCG 1-1/4 LTCG 1-1/4	UL	1.680	42,7	2.69	68,3	.77	19,6	.31	7,9	2.05	52,1

Standard color black.



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING



INTEGRAL SEALING RING

Material	Nylon 6/6 Non-halogenated w/Buna N Sealing Gland
Certifications	UL Listed under Underwriters' Laboratories File E51579
	cUL Recognized under the Component Program of Underwriters' Laboratories File E51579
	CSA Certified by Canadian Standard Association File 93876C
	Approved for NEMA 4, 4X, 6 and 6P Applications
Flammability Rating	94V-0
Temperature Range	Static -40°F (-40°C) to 239°F (115°C)
	Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68 (70 PSI, 5 BAR)

Quick Specs

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HEYCO

Heyco®-Tite Liquid Tight Cordgrips in Halogen Free V-0 Nylon

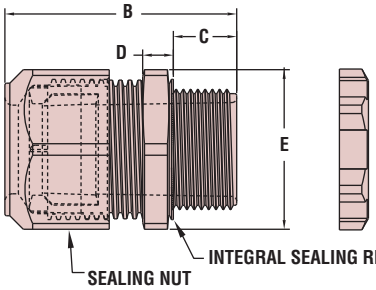
Straight-Thru, PG & Metric Hubs with Integral Sealing Ring

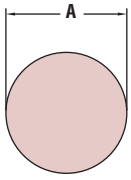
The Ultimate in Liquid Tight Strain Relief Protection

NO O-RING REQUIRED!

CABLE DIA. RANGE Minimum in.	mm.	Maximum in.	mm.	PART NO. Black	DESCRIPTION	UL or CSA	PART DIMENSIONS A Clearance Hole Dia. in.	mm.	B Max. O.A. Length in.	mm.	C Thread Length in.	mm.	D Wrenching Nut Thickness in.	mm.	E Flat Size in.	mm.
PG Hubs																
.065 .115	1,7 2,9	.210 .250	5,3 6,4	**V3444** **V3207**	RLTCG 7 LTCG 7	CSA	.492	12,5	1.16	29,5	.32	8,1	.21	5,3	.63	16,0
.065 .105	1,7 2,7	.230 .315	5,8 8,0	**V3446** **V3210**	RLTCG 9 LTCG 9	CSA	.599	15,2	1.25	31,8	.32	8,1	.21	5,3	.83	21,0
.069 .230	1,8 5,8	.260 .400	6,6 10,2	**V3448** **V3213**	RLTCG 11 LTCG 11	CSA	.733	18,6	1.48	37,6	.38	9,7	.21	5,3	.94	23,9
.095 .170	2,4 4,3	.290 .450	7,4 11,4	**V4500** **V3216**	RLTCG 13.5 LTCG 13.5	UL	.804	20,4	1.53	38,9	.41	10,4	.21	5,3	.98	24,9
.180 .270	4,6 6,9	.400 .545	10,2 13,8	**V4502** **V3219**	RLTCG 16 LTCG 16	UL	.886	22,5	1.68	42,7	.44	11,2	.25	6,4	1.07	27,0
.250 .435	6,4 11,1	.490 .705	12,4 17,9	**V3454** **V3222**	RLTCG 21 LTCG 21	UL	1.115	28,3	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0
.490 .590	12,4 15,0	.785 1.000	19,9 25,4	**V4504** **V3225**	RLTCG 29 LTCG 29	UL	1.470	37,3	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9
Metric Hubs																
NEW! .065 .105	1,7 2,7	.230 .315	5,8 8,0	**V4334** **V4336**	RLTCG M16 LTCG M16	CSA	.630	16,0	1.25	31,8	.32	8,1	.21	5,3	.83	21,1
.095 .170	2,4 4,3	.290 .450	7,4 11,4	**V4338** **V4340**	RLTCG M20 LTCG M20	UL	.787	20,0	1.49	37,8	.41	10,4	.21	5,3	.98	24,9
.250 .435	6,4 11,1	.490 .705	12,4 17,9	**V4342** **V4344**	RLTCG M25 LTCG M25	UL	.985	25,0	1.89	48,0	.51	13,0	.26	6,6	1.30	33,0
.490 .590	12,4 15,0	.785 1.000	19,9 25,4	**V4346** **V4348**	RLTCG M32 LTCG M32	UL	1.260	32,0	2.23	56,6	.57	14,5	.30	7,6	1.73	43,9

Standard color black.





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material	Nylon 6/6 Non-halogenated w/Buna N Sealing Gland
Certifications	UL Listed under Underwriters' Laboratories File E51579
	CSA Recognized under the Component Program of Underwriters' Laboratories File E51579
	CSA Certified by Canadian Standard Association File 93876C
	VDE Marks License #136681 (Metric parts only)
	CE Per EC Low Voltage Directive 73/23/EEC (Metric parts only)
	Approved for NEMA 4, 4X, 6 and 6P Applications
Flammability Rating	94V-0
Temperature Range	Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68 (70 PSI, 5 BAR)

- **Molded from a nylon material which, in the event of a fire, will not burn and will not produce toxic gases.** Also formulated for sunlight resistance.
- Integral Sealing ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL).
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- **Unassembled Nylon Locknuts INCLUDED**
- For Nylon Locknut specifications, or to order nylon locknuts separately, see page 3-41.
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

Quick Specs

HEYCO

Heyco® Original Series-35 Liquid Tight Cordgrips

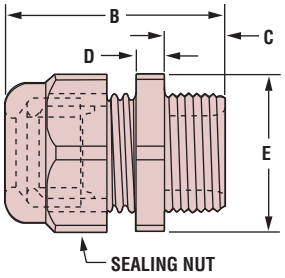
Straight-Thru, NPT Hubs

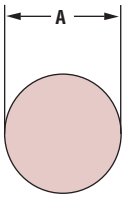
- **Wide range of approved cable diameters.**
- IP 68 rated.
- Acme threads on body prevent skipping and speed installation.
- For use in clearance or threaded holes.
- All nylon construction with TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Multiple sizes for flexible cord diameters ranging from .069˝ (1,8 mm) to 1.000˝ (25,4 mm). For larger sizes, see Heyco-Tite Liquid Tight Cordgrips on page 3-1.
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 3-41.
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.		DESCRIPTION	UL or	PART DIMENSIONS									
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Nut Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.069 .115	1,8 2,9	.187 .312	4,7 7,9	**3458** **3228**	**3459** **3229**	RLTF 3/8 LTF 3/8		.670	17,0	1.49	37,8	.53	13,5	.20	5,1	.75	19,1
.170	4,3	.450	11,4	**3231**	**3232**	LTF 1/2		.875	22,2	1.72	43,7	.62	15,7	.20	5,1	.95	24,1
.230	5,8	.546	13,9	**3200**	**3201**	LTF LL 1/2		.875	22,2	1.83	46,5	.62	15,7	.23	5,8	1.05	26,7
.250 .450	6,4 11,4	.485 .709	12,3 18,0	**3460** **3234**	**3461** **3235**	RLTF 3/4 LTF 3/4		1.068	27,1	1.97	50,0	.63	16,0	.23	5,8	1.30	33,0
.590	15,0	1.000	25,4	**8437**	**8438**	LTF 1		1.350	34,3	2.42	61,5	.75	19,1	.28	7,1	1.65	41,9

Standard colors black and gray.

For larger sizes, see *Heyco-Tite* Liquid Tight Cordgrips on page 3-1.





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Consult Heyco for your alternate material requirements!

Material	Nylon 6/6 with TPE Sealing Gland
Certifications	UL Listed under Underwriters' Laboratories File E51579
	Recognized Under the Component Program of Underwriters' Laboratories File E51579
	CSA Certified by Canadian Standards Association File 93876C
Flammability Rating	94V-2
Temperature Range	Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68 (70 PSI, 5 BAR)

Quick Specs

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HEYCO

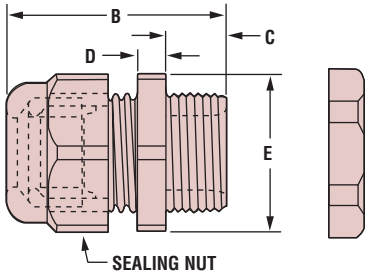
Heyco® Original Series-35 Liquid Tight Cordgrips

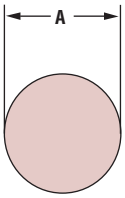
Straight-Thru, PG Hubs

CABLE DIA. RANGE				PART NO.		DESCRIPTION	UL or VDE	PART DIMENSIONS									
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.064 .114	1,6 2,9	.210 .250	5,3 6,4	**3444** **3207**	**3445** **3208**	RLTF 7 LTF 7	VDE	.492	12,5	1.17	29,7	.33	8,4	.20	5,1	.59	15,0
.069 .181	1,8 4,6	.187 .312	4,7 7,9	**3446** **3210**	**3447** **3211**	RLTF 9 LTF 9	VDE	.599	15,2	1.30	33,0	.34	8,6	.20	5,1	.75	19,1
.069 .230	1,8 5,8	.260 .395	6,6 10,0	**3448** **3213**	**3449** **3214**	RLTF 11 LTF 11	VDE	.733	18,6	1.46	37,1	.39	9,9	.20	5,1	.86	21,8
.170	4,3	.450	11,4	**3216**	**3217**	LTF 13.5	UL	.804	20,4	1.53	38,9	.41	10,4	.20	5,1	.95	24,1
.230	5,8	.546	13,9	**3219**	**3220**	LTF 16	UL	.886	22,5	1.66	42,2	.45	11,4	.23	5,8	1.05	26,7
.250 .450	6,4 11,4	.485 .709	12,3 18,0	**3454** **3222**	**3455** **3223**	RLTF 21 LTF 21	UL	1.115	28,3	1.87	47,5	.52	13,2	.23	5,8	1.30	33,0
.590	15,0	.990	25,1	**3225**	**3226**	LTF 29	UL	1.470	37,3	2.23	56,6	.59	15,0	.28	7,1	1.66	42,2

Standard colors black and gray.
For larger sizes, see *Heyco-Tite* Liquid Tight Cordgrips on page 3-3.

- **Wide range of approved cable diameters.**
- IP 68 rated.
- Acme threads on body prevent skipping and speed installation.
- For use in clearance or threaded holes.
- All nylon construction with TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- PG hub threads are steel conduit threads per DIN 40430, see page 3-49.
- Multiple sizes for flexible cord diameters ranging from .064˝ (1,6 mm) to .990˝ (25,1 mm). For larger sizes, see Heyco-Tite Liquid Tight Cordgrips on page 3-3.
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Unassembled Nylon Locknuts INCLUDED.**
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material		Nylon 6/6 with TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	VDE	Recognized under the Component Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standards Association File 93876C
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

HEYCO

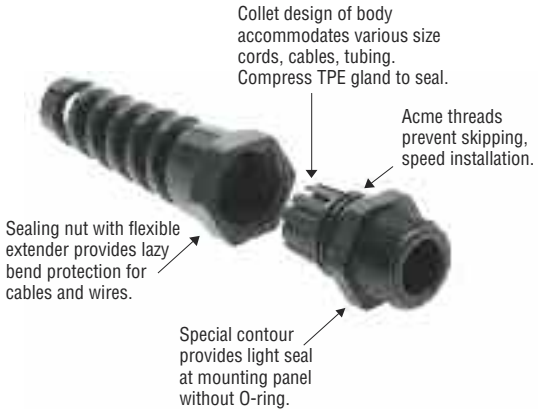
Heyco® Original Series-35 Liquid Tight Cordgrips

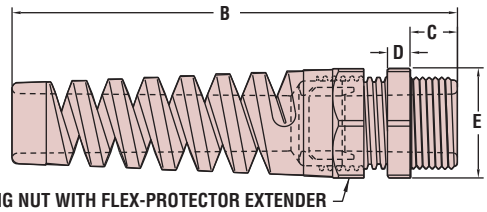
Pigtail, NPT Hubs

- **Flexible Pigtail™ extender prevents sharp bends and extends cable life.**
- IP 68 rated.
- Widest range of approved cable diameters.
- For use in clearance or threaded holes.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Multiple sizes for flexible cord diameters ranging from .069˝ (1,8 mm) to .709˝ (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Locknuts not included.** For nylon locknut specifications or to order locknuts separately, see page 3-41.
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

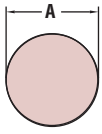
CABLE DIA. RANGE				PART NO.		DESCRIPTION		PART DIMENSIONS									
Minimum		Maximum		Black	Gray		UL or cUL	A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.069 .181	1,8 4,6	.187 .312	4,7 7,9	**3474** **3254**	**3475** **3255**	FLEX RLTF 3/8 FLEX LTF 3/8	cUL	.670	17,0	2.97	75,4	.53	13,5	.20	5,1	.75	19,1
.170	4,3	.470	11,9	**3251**	**3252**	FLEX LTF 1/2	UL	.875	22,2	4.09	103,9	.62	15,7	.20	5,1	.95	24,1
.230	5,8	.546	13,9	**3266**	**3267**	FLEX LTF LL 1/2	UL	.875	22,2	4.54	115,3	.62	15,7	.23	5,8	1.05	26,7
.250 .450	6,4 11,4	.485 .709	12,3 18,0	**3462** **3239**	**3463** **3242**	FLEX RLTF 3/4 FLEX LTF 3/4	UL	1.068	27,1	5.14	130,6	.63	16,0	.23	5,8	1.30	33,0

Standard colors black and gray.





SEALING NUT WITH FLEX-PROTECTOR EXTENDER



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material		Nylon 6/6 w/TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	cUL	Recognized under the Component Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standards Association File 93876C
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

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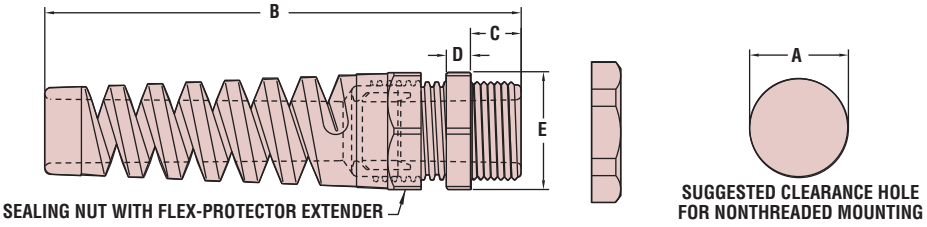
HEYCO

Heyco® Original Series-35 Liquid Tight Cordgrips

Pigtail, PG Hubs

CABLE DIA. RANGE				PART NO.		DESCRIPTION	UL or VDE	PART DIMENSIONS									
Minimum		Maximum		Black	Gray			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thk.		E Wrenching Nut Flat Size	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.064 .114	1,6 2,9	.210 .250	5,3 6,4	**3464** **3237**	**3465** **3238**	FLEX RLTF 7 FLEX LTF 7	VDE	.492	12,5	2.44	62,0	.33	8,4	.20	5,1	.59	15,0
.069 .181	1,8 4,6	.187 .312	4,7 7,9	**3466** **3240**	**3467** **3241**	FLEX RLTF 9 FLEX LTF 9	VDE	.599	15,2	2.77	70,4	.34	8,6	.20	5,1	.75	19,1
.069 .230	1,8 5,8	.260 .395	6,6 10,0	**3468** **3243**	**3469** **3244**	FLEX RLTF 11 FLEX LTF 11	VDE	.733	18,6	3.44	87,4	.39	9,9	.20	5,1	.86	21,8
.170	4,3	.450	11,4	**3246**	**3247**	FLEX LTF 13.5	UL	.804	20,4	3.88	98,6	.41	10,4	.20	5,1	.95	24,1
.230	5,8	.546	13,9	**3249**	**3250**	FLEX LTF 16	UL	.886	22,5	4.36	110,7	.45	11,4	.23	5,8	1.05	26,7
.250 .450	6,4 11,4	.485 .709	12,3 18,0	**3478** **3245**	**3479** **3248**	FLEX RLTF 21 FLEX LTF 21	UL	1.115	28,3	5.03	127,8	.52	13,2	.23	5,8	1.30	33,0

Standard colors black and gray.



SEALING NUT WITH FLEX-PROTECTOR EXTENDER

SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

- **Flexible Pigtail™ extender prevents sharp bends and extends cable life.**
- IP 68 rated.
- Widest range of approved cable diameters.
- For use in clearance or threaded holes.
- Acme threads on body prevent skipping and speed installation.
- PG hub threads are steel conduit threads per DIN 40430, see page 3-49.
- All nylon construction with TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Multiple sizes for flexible cord diameters ranging from .064˝ (1,6 mm) to .709˝ (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- **Unassembled Nylon Locknuts INCLUDED.**
- For Heyco Liquid Tight Threaded Plugs, see page 3-45.
- Consult Heyco for cordgrips molded in other colors.

Material		Nylon 6/6 w/TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	VDE	Recognized under the Component Program of Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standards Association File 93876C
Flammability Rating		94V-2
Temperature Range		Static -40°F (-40°C) to 239°F (115°C)
		Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

Quick Specs

HEYCO

HEYbrid™ Stainless Steel/Co-molded Liquid Tight Cordgrips

Straight-Thru, NPT Hubs

Don't get SKU'ed: More Cable Range, Fewer SKU's!

The Ultimate in Liquid Tight Strain Relief Protection

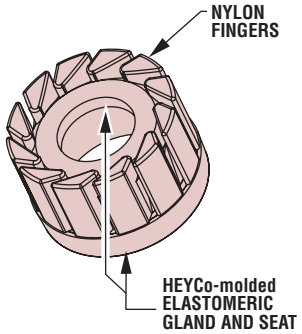
ALL NEW PRODUCTS!

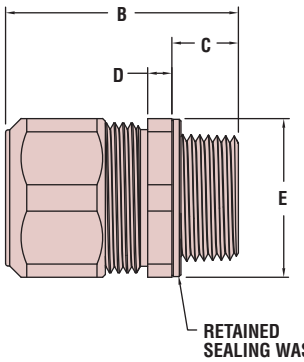
- **HEYCo-molded gripping finger/gland technology** accommodates the **widest cable range** over the **fewest sku's**.
- Rolled threads **prevent galling** and allow for multiple assemblies and disassemblies.
- Self-retaining sealing rings eliminate the need for an O-Ring groove, thus **reducing cost**.
- Sealing washer required for through hole applications only.
- Ideal for corrosive environments.
- Constructed from corrosion resistant 303 stainless steel.
- Resistant to salt water, acids and most chemicals.
- Patent pending.
- DFARS Compliant

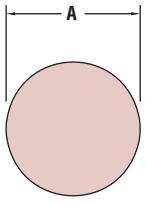
CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	DESCRIPTION	UL or CSA	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thickness in.	D mm.	E Flat Size in.	E mm.
Standard																
.07	1,7	.21	5,3	**M6000**	RSSCG 1/4		.540	13,7	1.29	32,8	.45	11,4	.20	5,1	.75	19,0
.12	2,9	.25	6,4	**M6001**	SSCG 1/4											
.07	1,7	.23	5,8	**M6002**	RSSCG 3/8		.680	17,3	1.41	35,8	.49	12,4	.20	5,1	.83	21,1
.11	2,7	.32	8,0	**M6003**	SSCG 3/8											
.10	2,4	.29	7,4	**M6006**	RSSCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.20	5,1	1.06	27,0
.17	4,3	.45	11,4	**M6007**	SSCG 1/2											
.18	4,6	.40	10,1	**M6008**	RSSCG LL 1/2	UL	.875	22,2	1.68	42,7	.44	11,2	.20	5,1	1.25	31,2
.26	6,6	.55	13,8	**M6009**	SSCG LL 1/2											
.25	6,4	.49	12,4	**M6010**	RSSCG 3/4	UL	1.040	26,4	2.00	50,8	.62	15,7	.20	5,1	1.31	33,3
.44	11,0	.71	17,9	**M6011**	SSCG 3/4											
.49	12,4	.79	19,9	**M6012**	RSSCG 1	UL	1.326	33,7	2.41	61,2	.76	19,3	.20	5,1	1.75	44,4
.59	15,0	1.00	25,4	**M6013**	SSCG 1											
Explosion Proof *																
.10	2,4	.29	7,4	**M6006E**	RSSCG 1/2 EXP	UL	.875	22,2	2.07	52,6	.78	19,8	.20	5,1	1.06	27,0
.17	4,3	.45	11,4	**M6007E**	SSCG 1/2 EXP											
.18	4,6	.40	10,1	**M6008E**	RSSCG LL1/2 EXP	UL	.875	22,2	2.18	55,4	.78	19,8	.20	5,1	1.25	31,2
.26	6,6	.55	13,8	**M6009E**	SSCG LL1/2 EXP											
.25	6,4	.49	12,4	**M6010E**	RSSCG 3/4 EXP	UL	1.040	26,4	2.34	59,4	.79	20,1	.20	5,1	1.31	33,3
.44	11,0	.71	17,9	**M6011E**	SSCG 3/4 EXP											
.49	12,4	.79	19,9	**M6012E**	RSSCG 1 EXP	UL	1.326	33,7	2.80	72,1	.99	25,1	.20	5,1	1.75	44,4
.59	15,0	1.00	25,4	**M6013E**	SSCG 1 EXP											

*** Certified to:** UL 2225 Standard for Cables and Cable Fittings for use in Hazardous Locations; CSA 22.2 No. 60079-0:11 Explosive Gas Atmospheres and CSA 22.2 No. 60079-1:11 Part 1: Flameproof Enclosures "D"

The HEYCo-molded Finger, Gland and Seat







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material		303 Stainless Steel Body and sealing nut with nylon 6/6 and TPE co-molded finger/gland assembly SBR Sealing Washer
Certifications	c UL us	Listed under Underwriters' Laboratories File E51579
	c CSA us	Recognized under Underwriters' Laboratories File E51579
Flammability Rating		94V-2
Temperature Range		-.4°F (-20°C) to 212°F (100°C)
IP Rating		IP68 (70 PSI, 5 BAR)

Quick Specs

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HEYCO

HEYbrid™ Stainless Steel/Co-molded Liquid Tight Cordgrips

Straight-Thru, Pg Hubs

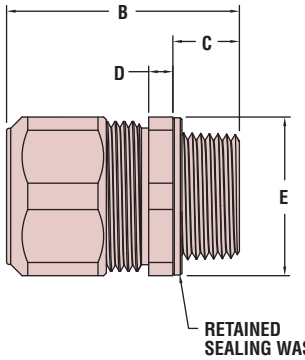
Don't get SKU'ed: More Cable Range, Fewer SKU's!

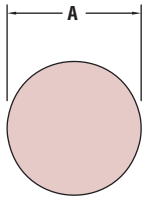
The Ultimate in Liquid Tight Strain Relief Protection

ALL NEW PRODUCTS!

CABLE DIA. RANGE Minimum in.	mm.	Maximum in.	mm.	PART NO.	DESCRIPTION	UL or CSA	PART DIMENSIONS A Clearance Hole Dia. in.	mm.	B Max. O.A. Length in.	mm.	C Thread Length in.	mm.	D Wrenching Nut Thickness in.	mm.	E Flat Size in.	mm.
.07	1,7	.210	5,3	**M6030**	RSSCG PG7		.492	12,5	1.16	29,5	.32	8,1	.20	5,1	.75	19,0
.12	2,9	.250	6,4	**M6031**	SSCG PG7											
.07	1,7	.230	5,8	**M6032**	RSSCG PG9		.599	15,2	1.25	31,8	.32	8,1	.20	5,1	.83	21,0
.11	2,7	.315	8,0	**M6033**	SSCG PG9											
.10	2,4	.290	7,4	**M6036**	RSSCG PG13.5	UL	.804	20,4	1.53	38,9	.41	10,4	.20	5,1	1.06	27,0
.17	4,3	.450	11,4	**M6037**	SSCG PG13.5											
.18	4,6	.400	10,2	**M6038**	RSSCG PG16	UL	.886	22,5	1.68	42,7	.44	11,2	.20	5,1	1.25	31,2
.26	6,6	.545	13,8	**M6039**	SSCG PG16											
.25	6,4	.490	12,4	**M6040**	RSSCG PG21	UL	1.115	28,3	1.89	48,0	.52	13,2	.20	5,1	1.31	33,3
.44	11,1	.705	17,9	**M6041**	SSCG PG21											
.49	12,4	.785	19,9	**M6042**	RSSCG PG29	UL	1.470	37,3	2.23	56,6	.58	14,7	.20	5,1	1.75	44,4
.59	15,0	1.000	25,4	**M6043**	SSCG PG29											

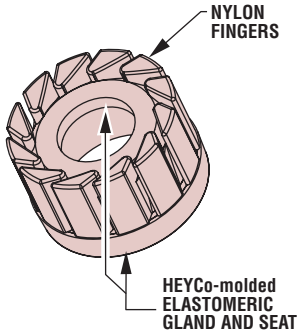
- **HEYCo-molded gripping finger/gland technology** accommodates the **widest cable range** over the **fewest sku's**.
- Rolled threads **prevent galling** and allow for multiple assemblies and disassemblies.
- Self-retaining sealing rings eliminate the need for an O-Ring groove, thus **reducing cost**.
- Ideal for corrosive environments.
- Constructed from corrosion resistant 303 stainless steel.
- Resistant to salt water, acids and most chemicals.
- Patent pending.
- DFARS Compliant





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

The HEYCo-molded Finger, Gland and Seat



Material		303 Stainless Steel Body and sealing nut with nylon 6/6 and TPE co-molded finger/gland assembly SBR Sealing Washer
Certifications	c UL us	Listed under Underwriters' Laboratories File E51579
	c CSA us	Recognized under Underwriters' Laboratories File E51579
Flammability Rating		94V-2
Temperature Range		-.4°F (-20°C) to 212°F (100°C)
IP Rating		IP68 (70 PSI, 5 BAR)

Quick Specs

HEYCO

HEYbrid™ Stainless Steel/Co-molded Liquid Tight Cordgrips

ALL NEW PRODUCTS!

Straight-Thru, Metric Hubs

Don't get SKU'ed: More Cable Range, Fewer SKU's!

The Ultimate in Liquid Tight Strain Relief Protection

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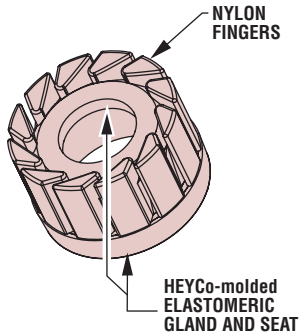
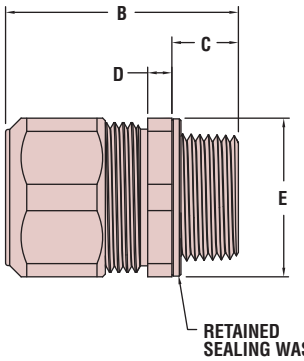
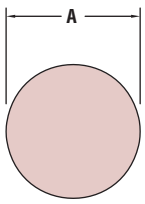
- Patent pending.
- DFARS Compliant

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO. Black	DESCRIPTION	UL or CSA	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Thickness in.	D mm.	E Flat Size in.	E mm.
.07	1,7	.210	5,3	**M6060**	RSSCG M12	CSA	.473	12,0	1.16	29,5	.32	8,1	.20	5,1	.75	19,0
.12	2,9	.250	6,4	**M6061**	SSCG M12											
.07	1,7	.230	5,8	**M6062**	RSSCG M16	CSA	.630	16,0	1.25	31,8	.32	8,1	.20	5,1	.83	21,1
.11	2,7	.315	8,0	**M6063**	SSCG M16											
.10	2,4	.290	7,4	**M6066**	RSSCG M20	UL	.787	20,0	1.49	37,8	.41	10,4	.20	5,1	1.06	27,0
.17	4,3	.450	11,4	**M6067**	SSCG M20											
.18	4,6	.400	10,2	**M6068**	RSSCG LL M20	UL	.787	20,0	1.65	41,9	.41	10,4	.20	5,1	1.25	31,2
.26	6,6	.545	13,8	**M6069**	SSCG LL M20											
.25	6,4	.490	12,4	**M6070**	RSSCG M25	UL	.985	25,0	1.89	48,0	.52	13,2	.20	5,1	1.31	33,3
.44	11,1	.705	17,9	**M6071**	SSCG M25											
.49	12,4	.785	19,9	**M6072**	RSSCG M32	UL	1.260	32,0	2.23	56,6	.58	14,7	.20	5,1	1.75	44,4
.59	15,0	1.000	25,4	**M6073**	SSCG M32											

The HEYCo-molded Finger, Gland and Seat







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Quick Specs

Material		303 Stainless Steel Body and sealing nut with nylon 6/6 and TPE co-molded finger/gland assembly SBR Sealing Washer
Certifications	c UL us	Listed under Underwriters' Laboratories File E51579
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Flammability Rating		94V-2
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HEYCO

Heyco®-Tite Metallic Liquid Tight Cordgrips

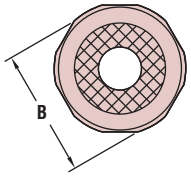
Straight-Thru, NPT Hubs

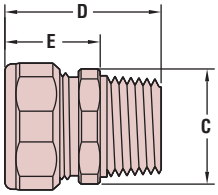
The Ultimate in Liquid Tight Strain Relief Protection

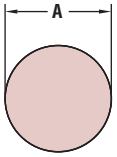
CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	DESC.	Gland Color	NPT HUB SIZE	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Sealing Nut HEX in.	B mm.	C Body Nut O.D. in.	C mm.	D Overall Length* in.	D mm.	E Exposed Length* in.	E mm.
Steel																	
.150	3,8	.250	6,3	**9760**	CG 50A-250	Red											
.250	6,3	.350	8,9	**9761**	CG 50A-350	White											
.350	8,9	.450	11,4	**9762**	CG 50A-450	Blue	1/2	.875	22,2	1.031	26,2	.937	23,8	1.312	33,3	.812	20,6
.450	11,4	.550	14,2	**9763**	CG 50A-560	Green											
.550	14,0	.650	16,5	**9764**	CG 50A-650	Brown											
.150	3,8	.250	6,3	**9766**	CG 75A-250	Red											
.250	6,3	.350	8,9	**9767**	CG 75A-350	White											
.350	8,9	.450	11,4	**9769**	CG 75A-450	Blue	3/4	1.109	28,2	1.031	26,2	1.172	29,8	1.312	33,3	.812	20,6
.450	11,4	.550	14,2	**9770**	CG 75A-560	Green											
.550	14,0	.650	16,5	**9771**	CG 75A-650	Brown											
.650	16,5	.750	19,0	**9772**	CG 75B-750	Yellow	3/4	1.109	28,2	1.250	31,7	1.187	31,2	1.562	39,7	1.031	26,2
.750	19,0	.850	21,6	**9773**	CG 75B-850	Purple											
Zinc Die-Cast																	
.190	4,8	.250	6,3	**9776**	CG 11												
.260	6,6	.375	9,5	**9777**	CG 12	N/A	1/2	.875	22,2	1.00	25,4	.94	23,8	1.20	30,5	.80	20,3
.375	9,5	.450	11,4	**9778**	CG 13												

*May vary slightly depending on cable diameter.

Steel

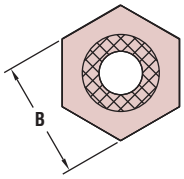


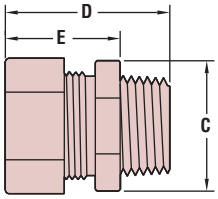


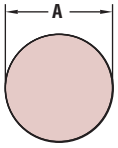


SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Zinc Die-Cast







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Steel:

- **Zinc plated steel construction** for superior protection of flexible cables.
- Compact design allows fittings to be consecutively ganged–no skipping knockouts–and occupy less real estate.
- Galvanized steel pressure ring prevents distortion of the grommet when the sealing nut is tightened.
- Neoprene rubber grommet ensures a permanent rain-tight seal around the cable.
- Body and sealing nut are made of corrosion resistant machined steel. Zinc plated with special brighteners for an attractive finish.
- Color coded label system identifies the cordgrips by wire range/grommet opening.
- For use in clearance or threaded holes.
- Multiple cable sizes with 1/2˝ to 3/4˝ NPT hubs, cover a flexible cord diameter range of .150˝ (3,8 mm) to .850˝ (21,6 mm).
- Temperature Rating: 221°F (105°C).
- DFARS Compliant

Zinc Die-Cast:

- **Zamac #3 construction** for protection of flexible cables.
- For use in clearance or threaded holes.
- We recommend using the smallest maximum diameter range cordgrip that will fit your application.
- Temperature Rating: 140°F (60°C).
- DFARS Compliant

HEYCO

Heyco®-Tite Aluminum Liquid Tight Cordgrips

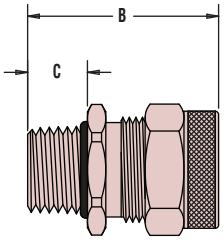
Straight-Thru, NPT Hubs

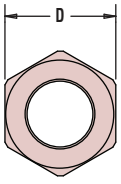
The Ultimate in Liquid Tight Strain Relief Protection

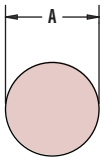
- **Aluminum construction** provides excellent durability and performance for most **industrial applications**.
- For use in both indoor and outdoor applications to prevent cable pull-out, control arc of bend, and to provide a tight seal against environmental elements such as dirt, moisture, and coolants.
- IP 67 rated.
- Approved for NEMA 6 applications.
- Protect cable from damage and pull-out and are used in conduit hubs or knock-outs at the point where the electrical cable is to be terminated.
- Unique design with a combination tightening surface that includes both a hex area and a knurled surface.
- Anti-friction washer allows for easier compression.
- DFARS Compliant

CABLE DIA. RANGE				PART NO.	THREAD SIZE		PART DIMENSIONS							
Minimum		Maximum		Machined Aluminum			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Flat Size	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.
.125	3,2	.188	4,8	**M5000***	NPT 1/4	UL	.54	13,7	1.38	35,1	.44	11,2	.88	22,4
.188	4,8	.250	6,4	**M5001**										
.250	6,4	.312	7,9	**M5002**										
.312	7,9	.375	9,5	**M5003**										
.125	3,2	.188	4,8	**M5005***	NPT 3/8	UL	.68	17,3	1.38	35,1	.44	11,2	.88	22,4
.188	4,8	.250	6,4	**M5006**										
.250	6,4	.312	7,9	**M5007**										
.312	7,9	.375	9,5	**M5008**										
.125	3,2	.188	4,8	**M5010***	NPT 1/2	UL	.88	22,4	1.38	35,1	.44	11,2	.88	22,4
.188	4,8	.250	6,4	**M5011**										
.250	6,4	.312	7,9	**M5012**										
.312	7,9	.375	9,5	**M5013**										
.375	9,5	.438	11,1	**M5014**										
.125	3,2	.188	4,8	**M5015***	NPT 1/2	UL	.88	22,4	1.62	41,1	.56	14,2	1.13	28,7
.188	4,8	.250	6,4	**M5016**										
.250	6,4	.312	7,9	**M5017**										
.312	7,9	.375	9,5	**M5018**										
.375	9,5	.438	11,1	**M5019**										
.438	11,1	.500	12,7	**M5020**										
.500	12,7	.562	14,3	**M5021**										
.562	14,3	.625	15,9	**M5022**										

Assembled O-ring **INCLUDED**. *Not UL Listed or CSA Certified.
Locknut not included - See page 3-42 for Metal Locknuts.







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Quick Specs

Material		Aluminum with Neoprene Sealing Gland and Viton® O-Ring
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 258093 Approved for NEMA 6 Applications
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 250°F (121°C)
IP Rating		IP 67

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HEYCO

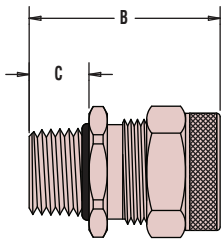
Heyco®-Tite Aluminum Liquid Tight Cordgrips

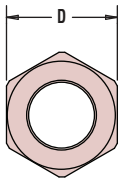
Straight-Thru, NPT Hubs

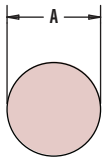
The Ultimate in Liquid Tight Strain Relief Protection

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO. Machined Aluminum	THREAD SIZE	UL	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Flat Size in.	D mm.
.125	3,2	.188	4,8	**M5029**	NPT 3/4	UL	1.09	27,7	1.62	41,1	.56	14,2	1.13	28,7
.188	4,8	.250	6,4	**M5030**										
.250	6,4	.312	7,9	**M5031**										
.312	7,9	.375	9,5	**M5032**										
.375	9,5	.438	11,1	**M5033**										
.438	11,1	.500	12,7	**M5034**										
.500	12,7	.562	14,3	**M5035**										
.562	14,3	.625	15,9	**M5036**										
.438	11,1	.500	12,7	**M5037**	NPT 3/4	UL	1.09	27,7	1.82	46,2	.56	14,2	1.37	34,8
.500	12,7	.562	14,3	**M5038**										
.562	14,3	.625	15,9	**M5039**										
.562	14,3	.688	17,5	**M5040**										
.625	15,9	.750	19,1	**M5041**										
.688	17,5	.812	20,6	**M5042**										
.438	11,1	.562	14,3	**M5050**	NPT 1	UL	1.38	35,1	2.03	51,6	.62	15,7	1.56	39,6
.562	14,3	.625	15,9	**M5051**										
.562	14,3	.688	17,5	**M5052**										
.625	15,9	.750	19,1	**M5053**										
.688	17,5	.812	20,6	**M5054**										
.750	19,1	.875	22,2	**M5055**										
.812	20,6	.938	23,8	**M5056**										
.875	22,2	1.000	25,4	**M5057***										
.875	22,2	1.000	25,4	**M5058**	NPT 1	UL	1.38	35,1	2.5	63,5	.69	17,5	2.25	57,2
1.000	25,4	1.125	28,6	**M5059**										
1.125	28,6	1.250	31,8	**M5060**										
1.250	31,8	1.375	34,9	**M5061**										

Assembled O-ring **INCLUDED**. *Not UL Listed or CSA Certified.
Locknut not included - See page 3-42 for Metal Locknuts.







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

- **Aluminum construction** provides excellent durability and performance for most **industrial applications**.
- For use in both indoor and outdoor applications to prevent cable pull-out, control arc of bend, and to provide a tight seal against environmental elements such as dirt, moisture, and coolants.
- IP 67 rated.
- Approved for NEMA 6 applications.
- Protect cable from damage and pull-out and are used in conduit hubs or knock-outs at the point where the electrical cable is to be terminated.
- Unique design with a combination tightening surface that includes both a hex area and a knurled surface.
- Anti-friction washer allows for easier compression.
- DFARS Compliant

Material		Aluminum with Neoprene Sealing Gland and Viton® O-Ring
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 258093 Approved for NEMA 6 Applications
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 250°F (121°C)
IP Rating		IP 67

Quick Specs

HEYCO

Heyco®-Tite Aluminum Liquid Tight Cordgrips

Straight-Thru, NPT Hubs

The Ultimate in Liquid Tight Strain Relief Protection

- **Aluminum construction** provides excellent durability and performance for most **industrial applications**.
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- IP 67 rated.
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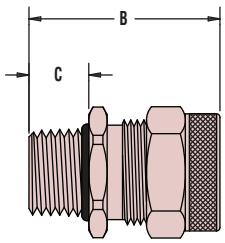
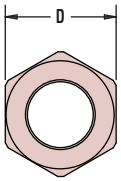
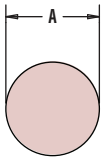
- Protect cable from damage and pull-out and are used in conduit hubs or knock-outs at the point where the electrical cable is to be terminated.
- Unique design with a combination tightening surface that includes both a hex area and a knurled surface.
- Anti-friction washer allows for easier compression.
- DFARS Compliant

CABLE DIA. RANGE				PART NO.	THREAD SIZE	UL	PART DIMENSIONS							
Minimum		Maximum		Machined Aluminum			A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Flat Size	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.
.562	14,3	.688	17,5	**M5062**										
.688	17,5	.812	20,6	**M5063**										
.750	19,1	.875	22,2	**M5064**										
.875	22,2	1.000	25,4	**M5065**	NPT 1-1/4	UL	1.72	43,7	2.50	63,5	.69	17,5	2.25	57,2
1.000	25,4	1.125	28,6	**M5066**										
1.125	28,6	1.250	31,8	**M5067**										
1.250	31,8	1.375	34,9	**M5068**										
.562	14,3	.688	17,5	**M5069***										
.688	17,5	.812	20,6	**M5070**										
.750	19,1	.875	22,2	**M5071**										
.875	22,2	1.000	25,4	**M5072**	NPT 1-1/2	UL	1.97	50,0	2.50	63,5	.69	17,5	2.25	57,2
1.000	25,4	1.125	28,6	**M5073**										
1.125	28,6	1.250	31,8	**M5074**										
1.250	31,8	1.375	34,9	**M5075**										
1.250	31,8	1.375	34,9	**M5080**										
1.312	33,3	1.437	36,5	**M5081**										
1.438	36,5	1.562	39,7	**M5082**	NPT 2	UL	2.46	62,5	3.12	79,2	.80	20,3	2.83	71,9
1.562	39,7	1.688	42,9	**M5083**										
1.688	42,9	1.812	46,0	**M5084**										

Assembled O-ring **INCLUDED**. *Not UL Listed or CSA Certified.
Locknut not included - See page 3-42 for Metal Locknuts.







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Quick Specs

Material		Aluminum with Neoprene Sealing Gland and Viton® O-Ring
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 258093 Approved for NEMA 6 Applications
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 250°F (121°C)
IP Rating		IP 67

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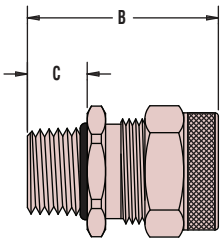
Straight-Thru, NPT Hubs

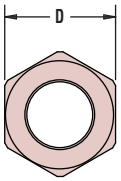
The Ultimate in Liquid Tight Strain Relief Protection

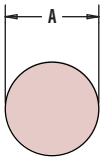
CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO. Cast Aluminum	THREAD SIZE	UL	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Flat Size in.	D mm.
1.688	42,9	1.812	46,0	**M5091**	NPT 2-1/2	UL	2.96	75,2	4.20	106,7	1.28	32,5	4.00	101,6
1.812	46,0	1.938	49,2	**M5092**										
1.938	49,2	2.062	52,4	**M5093**										
2.062	52,4	2.188	55,6	**M5094**										
2.188	55,6	2.312	58,7	**M5095**										
2.312	58,7	2.438	61,9	**M5096**										
1.688	42,9	1.812	46,0	**M5097**	NPT 3	UL	3.58	90,9	4.20	106,7	1.31	33,3	4.00	101,6
1.812	46,0	1.938	49,2	**M5098**										
1.938	49,2	2.062	52,4	**M5099**										
2.062	52,4	2.188	55,6	**M5100**										
2.188	55,6	2.312	58,7	**M5101**										
2.312	58,7	2.438	61,9	**M5102**										
2.437	61,9	2.625	66,7	**M5103**	NPT 3	*	3.50	88,9	4.85	123,2	1.39	35,3	4.75	120,7
2.625	66,7	2.812	71,4	**M5104**										
2.812	71,4	3.000	76,2	**M5105**										
3.000	76,2	3.250	82,6	**M5106**										

Assembled O-ring **INCLUDED**. *Not UL Listed or CSA Certified.
Locknut not included - See page 3-42 for Metal Locknuts.

- **Aluminum construction** provides excellent durability and performance for most **industrial applications**.
- For use in both indoor and outdoor applications to prevent cable pull-out, control arc of bend, and to provide a tight seal against environmental elements such as dirt, moisture, and coolants.
- IP 67 rated.
- Approved for NEMA 6 applications.
- Protect cable from damage and pull-out and are used in conduit hubs or knock-outs at the point where the electrical cable is to be terminated.
- Unique design with a combination tightening surface that includes both a hex area and a knurled surface.
- Anti-friction washer allows for easier compression.
- DFARS Compliant







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Material		Aluminum with Neoprene Sealing Gland and Viton® O-Ring
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	CSA	Certified by Canadian Standard Association File 258093 Approved for NEMA 6 Applications
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 250°F (121°C)
IP Rating		IP 67

Quick Specs

HEYCO

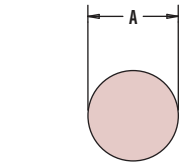
Heyco®-Tite Cast Aluminum Liquid Tight Cordgrips

Right Angle, NPT Hubs

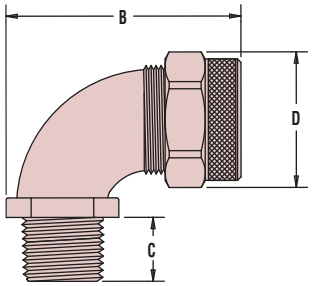
The Ultimate in Liquid Tight Strain Relief Protection

Sweep Design

- **Aluminum construction** provides excellent durability and performance for most **industrial applications**.
- For use in both indoor and outdoor applications to prevent cable pull-out, control arc of bend, and to provide a tight seal against environmental elements such as dirt, moisture, and coolants.
- IP 67 rated.
- Approved for NEMA 6 applications.
- Protect cable from damage and pull-out and are used in conduit hubs or knock-outs at the point where the electrical cable is to be terminated.
- Unique design with a combination tightening surface that includes both a hex area and a knurled surface.
- Anti-friction washer allows for easier compression.
- DFARS Compliant



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING



CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO. Cast Aluminum	THREAD SIZE	UL	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Flat Size in.	D mm.
.125	3,2	.188	4,8	**M5230**										
.188	4,8	.250	6,4	**M5231**										
.250	6,4	.312	7,9	**M5232**	NPT 3/8	UL	.68	17,3	2.00	50,8	.44	11,2	.88	23,4
.312	7,9	.375	9,5	**M5233**										
.375	9,5	.438	11,1	**M5234**										
.125	3,2	.188	4,8	**M5235**										
.188	4,8	.250	6,4	**M5236**										
.250	6,4	.312	7,9	**M5237**										
.312	7,9	.375	9,5	**M5238**	NPT 1/2	UL	.88	22,3	2.39	60,7	.56	14,2	1.13	28,7
.375	9,5	.438	11,1	**M5239**										
.438	11,1	.500	12,7	**M5240**										
.500	12,7	.562	14,3	**M5241**										
.562	14,3	.625	15,9	**M5242**										
.438	11,1	.500	12,7	**M5243**										
.500	12,7	.562	14,3	**M5244**										
.500	12,7	.625	15,9	**M5245**	NPT 3/4	UL	1.09	27,7	2.88	73,2	.59	15,0	1.37	31,8
.562	14,3	.688	17,5	**M5246**										
.625	15,9	.750	19,1	**M5247**										
.688	17,5	.812	20,6	**M5248**										
.500	12,7	.562	14,3	**M5249**										
.500	12,7	.625	15,9	**M5250**										
.562	14,3	.688	17,5	**M5251**										
.625	15,9	.750	19,1	**M5252**	NPT 1	UL	1.38	35,0	3.13	79,5	.60	15,2	1.56	39,6
.688	17,5	.812	20,6	**M5253**										
.750	19,1	.875	22,2	**M5254**										
.812	20,6	.938	23,8	**M5255**										
.875	22,2	1.000	25,4	**M5256**										

O-ring not included - See pages 2-15 through 2-17 for Sealing Washers, Foam Washers & Thermoplastic O-rings.
Locknut not included - See page 3-42 for Metal Locknuts.

Quick Specs

Material		Aluminum with Neoprene Sealing Gland and Viton® O-Ring
Certifications	UL	Listed under Underwriters' Laboratories File E51579
	SP	Certified by Canadian Standard Association File 258093 Approved for NEMA 6 Applications
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 250°F (121°C)
IP Rating		IP 67

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HEYCO

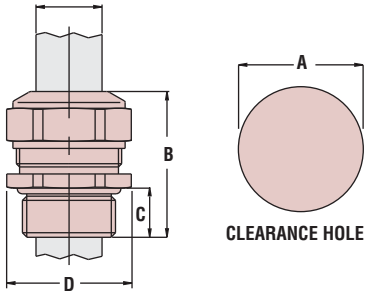
Heyco®-Tite Brass Liquid Tight Cordgrips

Straight Thru, NPT Hubs

The Ultimate in Liquid Tight Strain Relief Protection

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	THREAD SIZE	UL or cUL	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Flat Size in.	D mm.
.118	3,0	.157	4,0	**4560**	NPT 1/8	cULus	.445	11,3	.91	23,0	.31	8,0	.51	13,0
.157	4,0	.236	6,0	**4561**										
.138	3,5	.197	5,0	**4562**	NPT 1/4	cULus	.540	13,7	1.14	29,0	.47	12,0	.59	15,0
.197	5,0	.256	6,5	**4563**										
.256	6,5	.315	8,0	**4564**										
.138	3,5	.177	4,5	**4565**	NPT 3/8	cULus	.680	17,3	1.26	32,0	.47	12,0	.71	18,0
.177	4,5	.236	6,0	**4566**										
.236	6,0	.315	8,0	**4567**										
.315	8,0	.413	10,5	**4568**	NPT 3/8	cULus	.680	17,3	1.34	34,0				
.236	6,0	.315	8,0	**4569**	NPT 1/2	cULus	.875	22,2	1.42	36,0	.59	15,0	.94	24,0
.315	8,0	.433	11,0	**4570**										
.433	11,0	.591	15,0	**4571**	NPT 1/2	cULus	.875	22,2	1.50	38,0				
.374	9,5	.492	12,5	**4572**	NPT 3/4	cULus	1.040	26,4	1.69	43,0	.59	15,0	1.18	30,0
.492	12,5	.630	16,0	**4573**										
.630	16,0	.807	20,5	**4574**										
.551	14,0	.669	17,0	**4575**	NPT 1	cULus	1.326	33,7	1.89	48,0	.79	20,0	1.42	36,0
.669	17,0	.827	21,0	**4576**										
.827	21,0	1.004	25,5	**4577**										
.787	20,0	.945	24,0	**4578**	NPT 1-1/4	cULus	1.680	42,7	2.01	51,0	.79	20,0	1.81	46,0
.945	24,0	1.122	28,5	**4579**										
1.122	28,5	1.299	33,0	**4580**										
1.142	29,0	1.299	33,0	**4581**	NPT 1-1/2	cULus	1.920	48,8	2.20	56,0	.87	22,0	2.17	55,0
1.299	33,0	1.457	37,0	**4582**										
1.457	37,0	1.614	41,0	**4583**										
1.378	35,0	1.575	40,0	**4584**	NPT 2	cULus	2.400	61,0	2.32	59,0	.87	22,0	2.76	70,0
1.575	40,0	1.811	46,0	**4585**										
1.811	46,0	2.047	52,0	**4586**										

- **Nickel plated brass construction** for superior protection of flexible cables.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- IP 68 rated.
- For use in clearance or threaded holes.
- Long NPT threads provide additional threads for easy locknut assembly.
- Multiple sizes for flexible cord diameters ranging from .118˝ (3,0 mm) to 2.047˝ (52,0 mm).
- We recommend using the smallest cordgrip that accommodates your cable size.
- Sealing gland is molded in Thermoplastic Polymer Elastomer (TPE) Material.
- **Locknuts not included.** For metal locknut specifications or to order locknuts separately, see page 3-42.
- DFARS Compliant



Material		Nickel-Plated Brass w/TPE Sealing Gland
Certifications	cULus	Certified by UL for Compliance with both Canadian and U.S. requirements Under File E51579.
	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements.
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		IP 68, IP 69K

Quick Specs

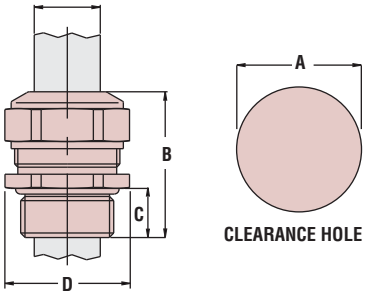
HEYCO

Heyco®-Tite Brass Liquid Tight Cordgrips

Straight-Thru, Pg Hubs

The Ultimate in Liquid Tight Strain Relief Protection

- **Nickel plated brass construction** for superior protection of flexible cables.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- IP 68 rated.
- For use in clearance or threaded holes.
- Long PG threads provide additional threads for easy locknut assembly.
- Multiple sizes for flexible cord diameters ranging from .138″ (3,5 mm) to 1.654″ (42,0 mm).
- We recommend using the smallest cordgrip that accommodates your cable size.
- Sealing gland is molded in Thermoplastic Polymer Elastomer (TPE) Material.
- **Locknuts not included.** For metal locknut specifications or to order locknuts separately, see page 3-42.
- DFARS Compliant



CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	THREAD SIZE	UL or cULus	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Flat Size in.	D mm.
Standard Thread														
.138	3,5	.197	5,0	**4530**	PG 7	cULus	.492	12,5	1.063	27,0	.39	10,0	.59	15,0
.197	5,0	.256	6,5	**4531**										
.256	6,5	.315	8,0	**4532**		cULus								
.138	3,5	.177	4,5	**4533**	PG 9	cULus	.598	15,2	1.18	30,0	.39	10,0	.71	18,0
.177	4,5	.236	6,0	**4534**										
.236	6,0	.315	8,0	**4535**										
.315	8,0	.413	10,5	**4536**	PG 9	cULus	.598	15,2	1.26	32,0				
.157	4,0	.217	5,5	**4537**	PG 11	cULus	.732	18,6	1.22	31,0	.39	10,0	.83	21,0
.217	5,5	.335	8,5	**4538**										
.335	8,5	.472	12,0	**4539**										
.236	6,0	.315	8,0	**4540**	PG 13.5	cULus	.827	21,0	1.22	31,0	.39	10,0	.94	24,0
.315	8,0	.433	11,0	**4541**										
.433	11,0	.591	15,0	**4542**	PG 13.5	cULus	.803	20,4	1.30	33,0				
.236	6,0	.315	8,0	**4543**	PG 16	cULus	.886	22,5	1.30	33,0	.39	10,0	.94	24,0
.315	8,0	.433	11,0	**4544**										
.433	11,0	.591	15,0	**4545**										
.374	9,5	.492	12,5	**4546**	PG 21	cULus	1.114	28,3	1.57	40,0	.47	12,0	1.18	30,0
.492	12,5	.630	16,0	**4547**										
.630	16,0	.807	20,5	**4548**										
.630	16,0	.748	19,0	**4549**	PG 29	cULus	1.469	37,3	1.57	40,0	.47	12,0	1.50	38,0
.748	19,0	.905	23,0	**4550**										
.906	23,0	1.083	27,5	**4551**										
.846	21,5	1.024	26,0	**4552**	PG 36	cULus	1.874	47,6	1.85	47,0	.59	15,0	1.97	50,0
1.024	26,0	1.201	30,5	**4553**										
1.201	30,5	1.378	35,0	**4554**										
Short Thread — ALL NEW PRODUCTS!														
.138	3,5	.197	5,0	**14530**	PG 7	cULus	.492	12,5	.91	23,0	.24	6,0	.59	15,0
.197	5,0	.256	6,5	**14531**										
.256	6,5	.315	8,0	**14532**										
.177	4,5	.236	6,0	**14534**	PG 9	cULus	.598	15,2	1.02	26,0	.24	6,0	.71	18,0
.236	6,0	.315	8,0	**14535**										
.315	8,0	.413	10,5	**14536**	PG 9	cULus	.598	15,2	1.10	28,0				
.157	4,0	.217	5,5	**14537**	PG 11	cULus	.732	18,6	1.06	27,0	.24	6,0	.83	21,0
.217	5,5	.335	8,5	**14538**										
.335	8,5	.472	12,0	**14539**										
.236	6,0	.315	8,0	**14540**	PG 13.5	cULus	.803	20,4	1.06	27,0	.24	6,0	.94	24,0
.315	8,0	.433	11,0	**14541**										
.433	11,0	.591	15,0	**14542**	PG 13.5	cULus	.803	20,4	1.14	29.0				
.236	6,0	.315	8,0	**14543**	PG 16	cULus	.886	22,5	1.14	29,0	.24	6,0	.94	24,0
.315	8,0	.433	11,0	**14544**										
.433	11,0	.591	15,0	**14545**										
.374	9,5	.492	12,5	**14546**	PG 21	cULus	1.114	28,3	1.4	35,5	.30	7,5	1.18	30,0
.492	12,5	.630	16,0	**14547**										
.630	16,0	.807	20,5	**14548**										
.748	19,0	.906	23,0	**14550**	PG 29	cULus	1.469	37,3	1.42	36,0	.32	8,0	1.50	38,0
.906	23,0	1.083	27,5	**14551**										
1.024	26,0	1.201	30,5	**14553**	PG 36	cULus	1.874	47,6	1.85	47,0	.32	8,0	1.97	50,0
1.201	30,5	1.378	35,0	**14554**										

Material		Nickel-Plated Brass w/TPE Sealing Gland
Certifications	cULus	Certified by UL for Compliance with both Canadian and U.S. requirements under File E51579.
	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements.
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		IP 68, IP 69K

Quick Specs

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HEYCO

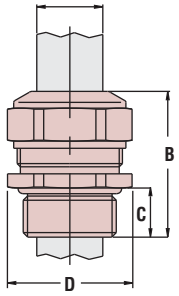
Heyco®-Tite Brass Liquid Tight Cordgrips

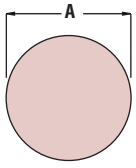
Straight-Thru, Metric Hubs

The Ultimate in Liquid Tight Strain Relief Protection

- **Nickel plated brass construction** for superior protection of flexible cables.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- IP 68 rated.
- For use in clearance or threaded holes.
- Meets the New European standard EN 50262 version A for metric cordgrips.
- Long metric threads provide additional threads for easy locknut assembly.
- Multiple sizes for flexible cord diameters ranging from .079″ (2,0 mm) to 1.654″ (42,0 mm).
- We recommend using the smallest cordgrip that accommodates your cable size.
- Sealing gland is molded in Thermoplastic Polymer Elastomer (TPE) Material.
- **Locknuts not included.** For metal locknut specifications or to order locknuts separately, see page 3-42.
- **See page 3-33 for Quick Specs.**
- DFARS Compliant

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	THREAD SIZE	UL or cULus	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Flat Size in.	D mm.
Standard Thread														
.079	2,0	.098	2,5	**4500**										
.098	2,5	.118	3,0	**4501**	M6 x 1	cULus	.236	6,0	.79	20,0	.32	8,0	.32	8,0
.118	3,0	.138	3,5	**4502**										
.098	2,5	.138	3,5	**4503**	M8 x 1,25	cULus	.315	8,0	.94	24,0	.39	10,0	.43	11,0
.138	3,5	.197	5,0	**4504**										
.118	3,0	.157	4,0	**4505**	M10 x 1,5	cULus	.394	10,0	.98	25,0	.39	10,0	.51	13,0
.157	4,0	.236	6,0	**4506**										
.138	3,5	.197	5,0	**4507**										
.197	5,0	.256	6,5	**4508**	M12 x 1,5	cULus	.472	12,0	1.06	27,0	.39	10,0	.59	15,0
.256	6,5	.315	8,0	**4509**										
.138	3,5	.177	4,5	**4510**										
.177	4,5	.236	6,0	**4511**	M16 x 1,5	cULus	.630	16,0	1.18	30,0	.39	10,0	.71	18,0
.236	6,0	.315	8,0	**4512**										
.315	8,0	.413	10,5	**4513**	M16 x 1,5	cULus	.630	16,0	1.26	32,0				
.236	6,0	.315	8,0	**4514**	M20 x 1,5	cULus	.787	20,0	1.22	31,0	.39	10,0	.94	24,0
.315	8,0	.433	11,0	**4515**										
.433	11,0	.591	15,0	**4516**	M20 x 1,5	cULus	.787	20,0	1.30	33,0				
.374	9,5	.492	12,5	**4517**	M25 x 1,5	cULus	.984	25,0	1.42	36,0				
.492	12,5	.630	16,0	**4518**	M25 x 1,5	cULus	.984	25,0	1.50	38,0	.43	11,0	1.18	30,0
.630	16,0	.807	20,5	**4519**	M25 x 1,5	cULus	.984	25,0	1.54	39,0				
.551	14,0	.669	17,0	**4520**										
.669	17,0	.827	21,0	**4521**	M32 x 1,5	cULus	1.260	32,0	1.61	41,0	.51	13,0	1.42	36,0
.827	21,0	1.003	25,5	**4522**										
.787	20,0	.945	24,0	**4523**										
.945	24,0	1.122	28,5	**4524**	M40 x 1,5	cULus	1.574	40,0	1.73	44,0	.51	13,0	1.81	46,0
1.122	28,5	1.299	33,0	**4525**										
1.142	29,0	1.299	33,0	**4526**										
1.299	33,0	1.457	37,0	**4527**	M50 x 1,5	cULus	1.968	50,0	1.89	48,0	.55	14,0	2.17	55,0
1.457	37,0	1.654	42,0	**4528**										
Standard Thread, High Temperature*														
.630	16,0	.807	20,5	**4612**	M25 x 1,5	cULus	.984	25,0	1.54	39,0	.43	11,0	1.18	30,0
Short Thread — ALL NEW PRODUCTS!														
.079	2,0	.098	2,5	**14500**										
.098	2,5	.118	3,0	**14501**	M6 x 1	cULus	.236	6,0	.67	17,0	.20	5,0	.32	8,0
.118	3,0	.138	3,5	**14502**										
.098	2,5	.138	3,5	**14503**	M8 x 1,25	cULus	.315	8,0	.75	19,0	.20	5,0	.43	11,0
.138	3,5	.197	5,0	**14504**										
.118	3,0	.157	4,0	**14505**	M10 x 1,5	cULus	.394	10,0	.79	20,0	.20	5,0	.51	13,0
.157	4,0	.236	6,0	**14506**										
.138	3,5	.197	5,0	**14507**										
.197	5,0	.256	6,5	**14508**	M12 x 1,5	cULus	.472	12,0	.87	22,0	.20	5,0	.59	15,0
.256	6,5	.315	8,0	**14509**										
.138	3,5	.177	4,5	**14510**										
.177	4,5	.236	6,0	**14511**	M16 x 1,5	cULus	.630	16,0	.98	25,0	.20	5,0	.71	18,0
.236	6,0	.315	8,0	**14512**										
.315	8,0	.413	10,5	**14513**	M16 x 1,5	cULus	.630	16,0	1.06	27,0				
.236	6,0	.315	8,0	**14514**	M20 x 1,5	cULus	.787	20,0	1.06	27,0	.24	6,0	.94	24,0
.315	8,0	.433	11,0	**14515**										
.433	11,0	.591	15,0	**14516**	M20 x 1,5	cULus	.787	20,0	1.14	29,0				
.374	9,5	.492	12,5	**14517**	M25 x 1,5	cULus	.984	25,0	1.26	32,0				
.492	12,5	.630	16,0	**14518**	M25 x 1,5	cULus	.984	25,0	1.34	34,0	.28	7,0	1.18	30,0
.630	16,0	.807	20,5	**14519**	M25 x 1,5	cULus	.984	25,0	1.38	35,0				
.551	14,0	.669	17,0	**14520**										
.669	17,0	.827	21,0	**14521**	M32 x 1,5	cULus	1.260	32,0	1.42	36,0	.31	8,0	1.42	36,0
.827	21,0	1.003	25,5	**14522**										
Short Thread, High Temperature*														
.315	8,0	.591	15,0	**4699**	M20 x 1,5	cULus	.787	20,0	1.14	29,0	.24	6,0	.94	24,0





* Special sealing gland rated to 200°C (392°F). Consult Heyco for other High Temperature rated sizes.

HEYCO

HEYbrid™ Brass/Nylon Liquid Tight Cordgrips

Straight-Thru, PG Hubs

The Ultimate in Liquid Tight Strain Relief Protection

- Provide the durability of a nickel-plated brass enclosure with **drastically lower installed cost** and more secure wire gripping with nylon finger design.
- HEYBrid Cordgrips make it possible to insert different diameters of cable in the same cable gland easily, flexibly and with a good seal.
- Movable articulated fingers provide large clamping and sealing areas for secure and flexible everyday use.
- When tightening the compression nut of the cordgrip, the segmented finger design compresses around the gland and wire to provide a torsion proof seal.
- Nickel-plated brass construction for superior protection of flexible cables.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- IP 68 rated.
- For use in clearance or threaded holes.
- Multiple sizes for flexible cord diameters ranging from .04˝ (1,0 mm) to 1.10˝ (28,0 mm).
- We recommend using the smallest cordgrip that accommodates your cable size.
- Sealing gland is molded in Thermoplastic Polymer Elastomer (TPE) material.
- **Locknuts not included**. For metal locknut specifications or to order locknuts separately, see page 3-42.
- DFARS Compliant

CABLE DIA. RANGE				PART NO.	THREAD SIZE	PART DIMENSIONS							
Minimum		Maximum				A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Flat Size	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.
.04 .12	1,0 3,0	.20 .28	5,0 7,0	**4450** **4451**	PG 7	.50	12,7	.87	22,0	.20	5,0	.59	15,0
.08 .18	2,0 4,5	.24 .39	6,0 10,0	**4452** **4453**	PG 9	.61	15,5	1.02	26,0	.24	6,0	.71	18,0
.14 .28	3,5 7,0	.31 .51	8,0 13,0	**4454** **4455**	PG 11	.75	19,0	1.22	31,0	.24	6,0	.87	22,0
.14 .28	3,5 7,0	.31 .51	8,0 13,0	**4456** **4457**	PG 13.5	.83	21,1	1.24	31,5	.26	6,5	.87	22,0
.14 .28	3,5 7,0	.31 .51	8,0 13,0	**4458** **4459**	PG 16	.91	23,1	1.24	31,5	.26	6,5	.94	24,0
.20 .39	5,0 10,0	.43 .67	11,0 17,0	**4460** **4461**	PG 16	.91	23,1	1.48	37,5	.26	6,5	1.10	28,0
.28 .51	7,0 13,0	.59 .83	15,0 21,0	**4462** **4463**	PG 21	1.14	29,0	1.57	40,0	.28	7,0	1.42	36,0
.59 .75	15,0 19,0	.91 1.10	23,0 28,0	**4464** **4465**	PG 29	1.48	37,6	1.89	48,0	.31	8,0	1.81	46,0

For certifications consult Heyco.

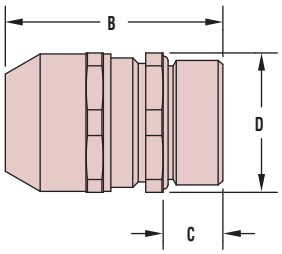
COMPRESSION NUT

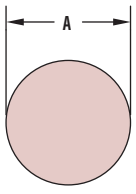
SEALING RING

FINGER INSERT

BODY INSERT

O-RING





CLEARANCE HOLE

Quick Specs

Material	Nickel-plated Brass w/polyamide PA 6 finger insert, TPE Sealing Gland and Buna-N O-ring
Temperature Range	-40°F (-40°C) to 212°F (100°C)
IP Rating	IP 68, IP 69K

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HEYCO

HEYbrid™ Brass/Nylon Liquid Tight Cordgrips

Straight-Thru, Metric Hubs

The Ultimate in Liquid Tight Strain Relief Protection

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	THREAD SIZE	cULus or VDE	PART DIMENSIONS B Clearance Hole Dia. in.	B mm.	C Max. O.A. Length in.	C mm.	D Thread Length in.	D mm.	Wrenching Nut Flat Size in.	Wrenching Nut Flat Size mm.
.04 .12	1,0 3,0	.20 .28	5,0 7,0	**4472** **4473**	M12 x 1,5	cULus	.50	12,5	1.14	29,0	.47	12,0	.59	15,0
.08 .18	2,0 4,5	.24 .39	6,0 10,0	**4474** **4475**	M16 x 1,5	cULus	.64	16,5	1.26	32,0	.47	12,0	.71	18,0
.14 .28	3,5 7,0	.31 .51	8,0 13,0	**4476** **4477**	M20 x 1,5	cULus	.80	20,5	1.46	37,0	.47	12,0	.87	22,0
.20 .39	5,0 10,0	.43 .67	11,0 17,0	**4478** **4479**	M25 x 1,5	cULus	1.00	25,4	1.69	43,0	.47	12,0	1.10	28,0
.28 .51	7,0 13,0	.59 .83	15,0 21,0	**4480** **4481**	M32 x 1,5	cULus	1.27	32,3	1.89	48,0	.59	15,0	1.42	36,0
.59 .75	15,0 19,0	.91 1.10	23,0 28,0	**4482** **4483**	M40 x 1,5	cULus	1.59	40,5	2.17	55,0	.59	15,0	1.81	46,0
.79 .98	20,0 25,0	1.14 1.38	29,0 35,0	**4484** **4485**	M50 x 1,5	cULus	1.99	50,5	2.17	55,0	.59	15,0	2.17	55,0
1.10 1.38	28,0 35,0	1.54 1.89	39,0 48,0	**4486** **4487**	M63 x 1,5	cULus	2.49	63,2	2.28	58,0	.59	15,0	2.76	70,0
1.73	44,0	2.17	55,0	**4488**	M63 x 1,5	cULus	2.49	63,2	2.28	58,0	.59	15,0	3.15	80,0

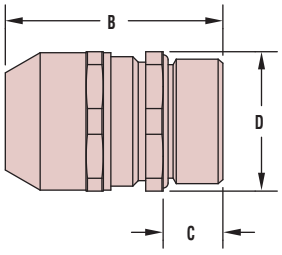
COMPRESSION NUT

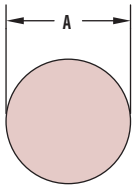
SEALING RING

FINGER INSERT

BODY INSERT

O-RING





CLEARANCE HOLE

- Provide the durability of a nickel-plated brass enclosure with **drastically lower installed cost** and more secure wire gripping with nylon finger design.
- HEYBrid Cordgrips make it possible to insert different diameters of cable in the same cable gland easily, flexibly and with a good seal.
- Movable articulated fingers provide large clamping and sealing areas for secure and flexible everyday use.
- When tightening the compression nut of the cordgrip, the segmented finger design compresses around the gland and wire to provide a torsion proof seal.
- Nickel-Plated brass construction for superior protection of flexible cables.
- Nickel-Plated finish over brass provides excellent corrosion resistance and durability.
- IP 68 rated.
- For use in clearance or threaded holes.
- Multiple sizes for flexible cord diameters ranging from .04˝ (1,0 mm) to 2.17˝ (55,0 mm).
- We recommend using the smallest cordgrip that accommodates your cable size.
- Sealing gland is molded in Thermoplastic Polymer Elastomer (TPE) material.
- **Locknuts not included**. For metal locknut specifications or to order locknuts separately, see page 3-42.
- DFARS Compliant

Material		Nickel-plated Brass w/polyamide PA 6 finger insert, TPE Sealing Gland and Buna-N O-ring
Certifications	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
	VDE	VDE Approved
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		IP 68, IP 69K

Quick Specs

HEYCO

Heyco®-Tite EMC Brass Liquid Tight Cordgrips

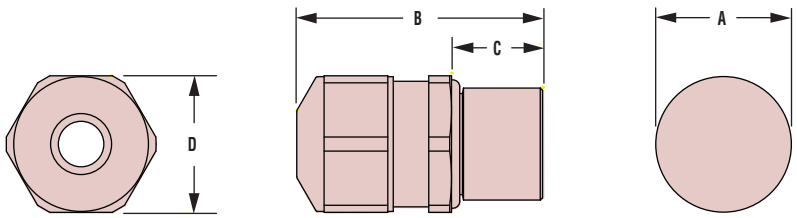
Straight Thru, PG Hubs

EMC Nickel-Plated Brass with Contact Sleeve

The Ultimate in Liquid Tight Strain Relief Protection

- **Ideal for applications where Electromagnetic Compatibility (EMC) is needed**.
- IP 68 rated.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- Excellent 360° shield contact with contact sleeve due to braided shield which runs into the gland.
- Combination of the sealing insert and the contact socket guarantees a constant contact quality with minimal transfer impedance.
- Inner cable protection.
- Long thread for use in standard or thick panels.
- Multiple sizes for flexible cord diameters ranging from .10˝ (2,5 mm) to 1.00˝ (25,5 mm).
- For use in clearance or threaded holes.
- Cordgrips are made of nickel plated brass and the gland is made of TPE.
- EMC locknuts available. See page 3-40.
- DFARS Compliant

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	THREAD SIZE	UL or cULus	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Flat Size in.	D mm.
Standard Thread														
.177 .236	4,5 6,0	.236 .295	6,0 7,5	**4600** **4641**	PG7	cULus	.492	12,5	1.06	27,0	.39	10,0	.59	15,0
.236 .315	6,0 8,0	.315 .394	8,0 10,0	**4644** **4645**	PG9 PG9	cULus cULus	.598 .598	15,2 15,2	1.18 1.26	30,0 32,0	.39	10,0	.71	18,0
.217 .335	5,5 8,5	.335 .472	8,5 12,0	**4647** **4648**	PG11	cULus	.732	18,6	1.22	31,0	.39	10,0	.83	21,0
.315 .433	8,0 11,0	.433 .551	11,0 14,0	**4650** **4651**	PG13.5 PG13.5	cULus cULus	.803 .803	20,4 20,4	1.22 1.30	31,0 33,0	.39	10,0	.94	24,0
.315 .433	8,0 11,0	.433 .551	11,0 14,0	**4653** **4654**	PG16 PG16	cULus cULus	.886 .886	22,5 22,5	1.22 1.30	31,0 33,0	.39	10,0	.94	24,0
.512 .630	13,0 16,0	.630 .748	16,0 19,0	**4656** **4657**	PG21 PG21	cULus cULus	1.114 1.114	28,3 28,3	1.45 1.57	37,0 40,0	.47	12,0	1.18	30,0
.748 .906	19,0 23,0	.906 1.003	23,0 25,5	**4659** **4660**	PG29	cULus	1.469	37,3	1.61	41,0	.47	12,0	1.50	38,0
Short Thread — ALL NEW PRODUCTS!														
.177 .236	4,5 6,0	.236 .295	6,0 7,5	**14640** **14641**	PG 7	cULus	.492	12,5	.91	23,0	.24	6,0	.59	15,0
.236 .315	6,0 8,0	.315 .394	8,0 10,0	**14644** **14645**	PG 9 PG 9	cULus cULus	.598 .598	15,2 15,2	1.02 1.10	26,0 28,0	.24	6,0	.71	18,0
.217 .335	5,5 8,5	.335 .472	8,5 12,0	**14647** **14648**	PG 11	cULus	.732	18,6	1.06	27,0	.24	6,0	.83	21,0
.315 .433	8,0 11,0	.433 .551	11,0 14,0	**14650** **14651**	PG 13.5 PG 13.5	cULus cULus	.803 .803	20,4 20,4	1.06 1.14	27,0 29,0	.24	6,0	.94	24,0
.315 .433	8,0 11,0	.433 .551	11,0 14,0	**14653** **14654**	PG 16 PG 16	cULus cULus	.886 .886	22,5 22,5	1.06 1.14	27,0 29,0	.24	6,0	.94	24,0
.512 .630	13,0 16,0	.630 .748	16,0 19,0	**14656** **14657**	PG 21 PG 21	cULus cULus	1.114 1.114	28,3 28,3	1.28 1.40	32,5 35,5	.30	7,5	1.18	30,0
.748 .906	19,0 23,0	.906 1.003	23,0 25,5	**14659** **14660**	PG 29	cULus	1.469	37,3	1.47	37,0	.31	8,0	1.50	38,0



Material		Nickel-Plated Brass W/TPE Sealing Gland
Certifications	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		IP 68, IP 69K

Quick Specs

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HEYCO

Heyco®-Tite EMC Brass Liquid Tight Cordgrips

Straight-Thru, Metric Hubs

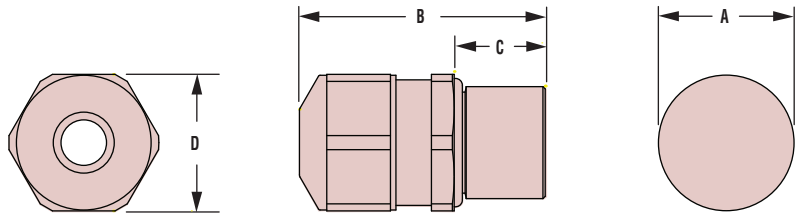
EMC Nickel-Plated Brass with Contact Sleeve

The Ultimate in Liquid Tight Strain Relief Protection

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	THREAD SIZE	or	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Flat Size in.	D mm.
Standard Thread														
.098	2,5	.138	3,5	**4613**	M8 x 1,25	c UL us	.315	8,0	.94	24,0	.39	10,0	.43	11,0
.118	3,0	.157	4,0	**4614**										
.118	3,0	.157	4,0	**4615**	M10 x 1,5	c UL us	.394	10,0	.98	25,0	.39	10,0	.51	13,0
.157	4,0	.236	6,0	**4616**										
.177	4,5	.236	6,0	**4618**	M12 x 1,5	c UL us	.472	12,0	1.06	27,0	.39	10,0	.59	15,0
.236	6,0	.295	7,5	**4619**										
.236	6,0	.312	8,0	**4622**	M16 x 1,5	c UL us	.630	16,0	1.18	30,0	.39	10,0	.71	18,0
.315	8,0	.394	10,0	**4623**	M16 x 1,5	c UL us	.630	16,0	1.26	32,0				
.315	8,0	.433	11,0	**4625**	M20 x 1,5	c UL us	.787	20,0	1.22	31,0	.39	10,0	.94	24,0
.433	11,0	.551	14,0	**4626**	M20 x 1,5	c UL us	.787	20,0	1.30	33,0				
.512	13,0	.630	16,0	**4628**	M25 x 1,5	c UL us	.984	25,0	1.41	36,0	.43	11,0	1.18	30,0
.630	16,0	.748	19,0	**4629**	M25 x 1,5	c UL us	.984	25,0	1.53	39,0				
.709	18,0	.827	21,0	**4631**	M32 x 1,5	c UL us	1.260	32,0	1.65	42,0	.51	13,0	1.42	36,0
.827	21,0	.984	25,0	**4632**										
Short Thread — ALL NEW PRODUCTS!														
.098	2,5	.138	3,5	**14613**	M8 x 1,25	c UL us	.315	8,0	.75	19,0	.20	5,0	.43	11,0
.118	3,0	.157	4,0	**14614**										
.118	3,0	.157	4,0	**14615**	M10 x 1,5	c UL us	.394	10,0	.79	20,0	.20	5,0	.51	13,0
.157	4,0	.236	6,0	**14616**										
.177	4,5	.236	6,0	**14618**	M12 x 1,5	c UL us	.472	12,0	.87	22,0	.20	5,0	.59	15,0
.236	6,0	.295	7,5	**14619**										
.236	6,0	.312	8,0	**14622**	M16 x 1,5	c UL us	.630	16,0	.98	25,0	.20	5,0	.71	18,0
.315	8,0	.394	10,0	**14623**	M16 x 1,5	c UL us	.630	16,0	1.06	27,0				
.315	8,0	.433	11,0	**14625**	M20 x 1,5	c UL us	.787	20,0	1.06	27,0	.24	6,0	.94	24,0
.433	11,0	.551	14,0	**14626**	M20 x 1,5	c UL us	.787	20,0	1.10	29,0				
.512	13,0	.630	16,0	**14628**	M25 x 1,5	c UL us	.984	25,0	1.26	32,0	.28	7,0	1.18	30,0
.630	16,0	.748	19,0	**14629**	M25 x 1,5	c UL us	.984	25,0	1.38	35,0				
.709	18,0	.827	21,0	**14631**	M32 x 1,5	c UL us	1.260	32,0	1.46	37,0	.31	8,0	1.42	36,0
.827	21,0	.984	25,0	**14632**										
Short Thread, High Temperature*														
.236	6,0	.315	8,0	**4609**	M16 x 1,5	c UL us	.630	16,0	.98	25,0	.20	5,0	.71	18,0

*Special sealing gland rated to 200°C (392°F).

- **Ideal for applications where Electromagnetic Compatibility (EMC) is needed.**
- IP 68 rated.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- Excellent 360° shield contact with contact sleeve due to braided shield which runs into the gland.
- Combination of the sealing insert and the contact socket guarantees a constant contact quality with minimal transfer impedance.
- Inner cable protection.
- Long thread for use in standard or thick panels.
- Multiple sizes for flexible cord diameters ranging from .10″ (2,5 mm) to 1.00″ (25,5 mm).
- For use in clearance or threaded holes.
- Cordgrips are made of nickel plated brass and the gland is made of TPE.
- EMC locknuts available. See page 3-40.
- DFARS Compliant



Material		Nickel-Plated Brass W/TPE Sealing Gland
Certifications	c UL us	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		IP 68, IP 69K

Quick Specs

HEYCO

Heyco®-Tite EMC-2 Brass Liquid Tight Cordgrips

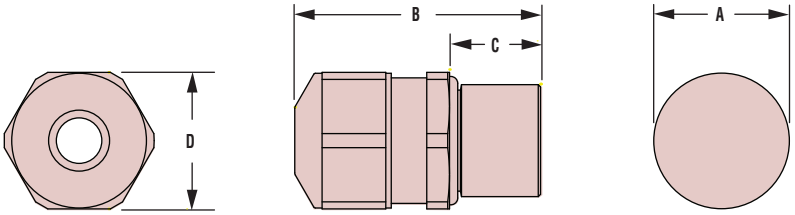
Straight-Thru, Metric Hubs

EMC Nickel-Plated Brass with Contact Sleeve

The Ultimate in Liquid Tight Strain Relief Protection

- **Innovative contact spring**, due to strong clamping, virtually guarantees a secure shielded tap connection.
- Contact spring can be precisely positioned due to its clearly defined limit stop, making installation simple.
- Clamping technique ensures the cable can be rotated, pushed and easily dismantled during mounting.
- Ideal for applications where Electromagnetic Compatibility (EMC) is needed.
- Excellent 360° shield contact with contact sleeve due to braided shield which runs into the gland.
- Combination of the sealing insert and the contact socket guarantees a constant contact quality with minimal transfer impedance.
- For use in clearance or threaded holes.
- EMC Locknuts available see page 3-40.
- DFARS Compliant

CABLE DIA. RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	PART NO.	THREAD SIZE	UL or cULus	PART DIMENSIONS A Clearance Hole Dia. in.	A mm.	B Max. O.A. Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Nut Flat Size in.	D mm.
Standard Thread														
.138 .197	3,5 5,0	.197 .256	5,0 6,5	**4594** **4595**	M12 x 1,5	cULus	.472	12,0	1.26	32,0	.39	10,0	.59	15,0
.236	6,0	.413	10,5	**4596**	M16 x 1,5	cULus	.643	16,0	1.38	35,0	.39	10,0	.71	18,0
.315	8,0	.591	15,0	**4597**	M20 x 1,5	cULus	.747	20,0	1.46	37,0	.39	10,0	.94	24,0
.492	12,5	.807	20,5	**4598**	M25 x 1,5	cULus	.984	25,0	1.73	44,0	.43	11,0	1.18	30,0
.669	17,0	1.004	25,4	**4599**	M32 x 1,5	cULus	1.260	32,0	1.81	46,0	.51	13,0	1.42	36,0
Short Thread — ALL NEW PRODUCTS!														
.138 .197	3,5 5,0	.197 .256	5,0 6,5	**14594** **14595**	M12 x 1,5	cULus	.472	12,0	1.06	27,0	.20	5,0	.59	15,0
.236	6,0	.413	10,5	**14596**	M16 x 1,5	cULus	.630	16,0	1.18	30,0	.20	5,0	.71	18,0
.315	8,0	.591	15,0	**14597**	M20 x 1,5	cULus	.787	20,0	1.30	33,0	.24	6,0	.94	24,0
.492	12,5	.807	20,5	**14598**	M25 x 1,5	cULus	.984	25,0	1.57	40,0	.28	7,0	1.18	30,0
.669	17,0	1.004	25,5	**14599**	M32 x 1,5	cULus	1.260	32,0	1.61	41,0	.31	8,0	1.42	36,0



Quick Specs

Material		Nickel-Plated Brass W/TPE Sealing Gland
Certifications	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		IP 68, IP 69K

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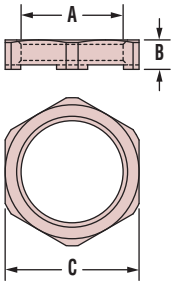
HEYCO

Heyco®-Tite EMC Brass Locknuts

EMC Nickel-Plated Brass

THREAD SIZE A	PART NO.	DESCRIPTION	PART DIMENSIONS B Thickness		C Wrenching Flat Size	
			in.	mm.	in.	mm.
PG Thread						
PG 7	**4671**	EMC LN PG 7	.13	3,3	.59	15,0
PG 9	**4672**	EMC LN PG 9	.13	3,3	.71	18,0
PG 11	**4673**	EMC LN PG 11	.14	3,5	.83	21,0
PG 13.5	**4674**	EMC LN PG 13.5	.14	3,5	.94	24,0
PG 16	**4675**	EMC LN PG 16	.14	3,5	1.02	26,0
PG 21	**4676**	EMC LN PG 21	.16	4,0	1.26	32,0
PG 29	**4677**	EMC LN PG 29	.18	4,6	1.61	41,0
Metric Thread						
M8 x 1,25	**4681**	EMC LN M8	.13	3,3	.43	11,0
M10 x 1,5	**4682**	EMC LN M10	.13	3,3	.51	13,0
M12 x 1,5	**4683**	EMC LN M12	.14	3,5	.59	15,0
M16 x 1,5	**4684**	EMC LN M16	.14	3,5	.75	19,0
M20 x 1,5	**4685**	EMC LN M20	.16	4,0	.94	24,0
M25 x 1,5	**4686**	EMC LN M25	.16	4,0	1.18	30,0
M32 x 1,5	**4687**	EMC LN M32	.20	5,0	1.42	36,0

- Ideal for use with painted surfaces to ensure **EMC integrity**.
- Cutting teeth on locknuts provide optimal shield contact with painted surfaces.
- Nickel-plated finish over brass provides excellent corrosion resistance and durability.
- DFARS Compliant



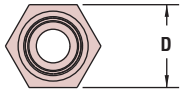
Heyco®-Tite Brass Lazy Bend Liquid Tight Cordgrips

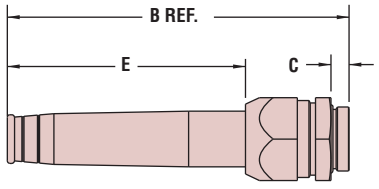
ALL NEW PRODUCTS!

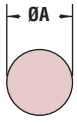
Straight-Thru, Metric Hubs

The Ultimate in Liquid Tight Strain Relief Protection

CABLE DIAMETER RANGE Minimum		Maximum		PART NO.	THREAD SIZE	PART DIMENSIONS A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Flat Size		E Lazy Bend Nozzle Lg	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
.150	3,8	.189	4,8	**14670**	M8 x 1.25	.315	8,0	1.69	43,0	.24	6,0	.43	11,0	.98	25,0
.157	4,0	.236	6,0	**14671**	M10 x 1.5	.394	10,0	2.40	61,0	.24	6,0	.63	16,0	1.38	35,0
.157	4,0	.236	6,0	**14672**	M12 x 1.5	.472	12,0								
.236	6,0	.346	8,8	**14673**	M16 x 1.5	.630	16,0	2.95	75,0	.24	6,0	.79	20,0	1.77	45,0
.354	9,0	.433	11,0	**14674**	M20 x 1.5	.787	20,0	3.90	99,0	.24	6,0	.94	24,0	2.56	65,0
.413	10,5	.512	13,0	**14675**	M20 x 1.5	.787	20,0	4.29	109,0	.24	6,0	.94	24,0	2.87	73,0
.512	13,0	.650	16,5	**14676**	M25 x 1.5	.984	25,0	5.20	132,0	.28	7,0	1.26	32,0	3.62	92,0







SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

- EPDM Nozzle eases the cable into a lazy bend; prevents sharp bending and assures longest cable and product life.
- Adds reliability, longevity, and safety to your application.
- Protects the lifeline of your electric/electronic products by absorbing the forces of pull, push, twist, and flex.
- Securely anchors, insulates, and protects cables at panel entry points.
- DFARS Compliant

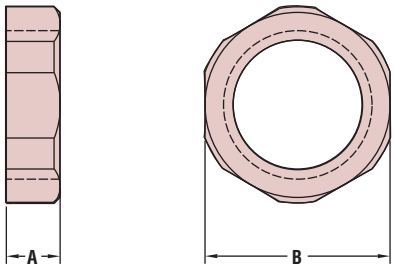
Material		Nickel-Plated Brass
Certifications	cULus	Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements
Temperature Range		-40°F (-40°C) to 212°F (100°C)

Quick Specs

HEYCO

Heyco® Nylon Locknuts

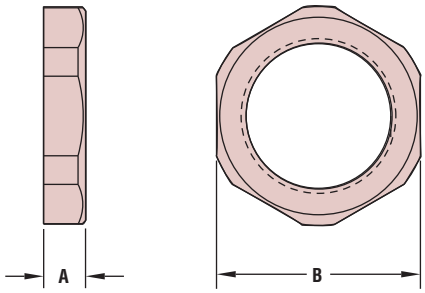
NPT Thread–Straight NPS Threads for use with NPT Threaded Fittings



THREAD TYPE AND SIZE	PART NO. BULK		PART NO. 100 PACK		DESCRIPTION	PART DIMENSIONS A Thickness		B Wrenching Flats	
	Black	Gray	Black	Gray		in.	mm.	in.	mm.
1/4 NPT	**M9142**	**M9143**	**3269**	**3270**	NLN 1/4 NPT	.265	6,7	.748	19,0
3/8 NPT	**8461**	**8462**	**3271**	**3272**	NLN 3/8 NPT	.265	6,7	1.058	26,9
1/2 NPT	**8463**	**8464**	**3273**	**3274**	NLN 1/2 NPT	.265	6,7	1.058	26,9
3/4 NPT	**8465**	**8466**	**3275**	**3276**	NLN 3/4 NPT	.265	6,7	1.295	32,9
1 NPT	**8467**	**8468**	**3277**	**3278**	NLN 1 NPT	.265	6,7	1.605	40,8
1-1/4 NPT	**M9144**	**M9145**	**3279***	–	NLN 1-1/4 NPT	.281	7,1	1.968	50,0
1-1/2 NPT	**M9150**	**M9151**	–	–	NLN 1-1/2 NPT	.320	8,1	2.735	69,5
2 NPT	**M9156**	**M9157**	–	–	NLN 2 NPT	.375	9,5	2.835	72,0

Standard colors black or gray.
*PN 3279 is a 50 Pack.

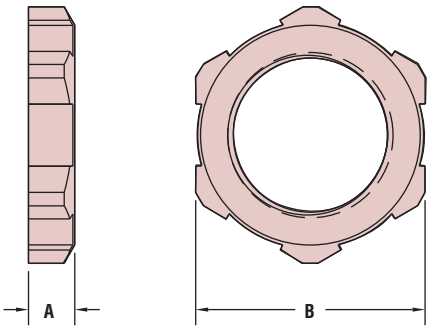
PG Thread



THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS A Thickness		B Wrenching Flats	
	Black	Gray		in.	mm.	in.	mm.
PG 7	**3165**	**3166**	NLN PG 7	.218	5,5	.750	19,1
PG 9	**3167**	**3168**	NLN PG 9	.218	5,5	.859	21,8
PG 11	**3169**	**3170**	NLN PG 11	.218	5,5	.937	23,8
PG 13.5	**3171**	**3172**	NLN PG 13.5	.250	6,4	1.062	27,0
PG 16	**3173**	**3174**	NLN PG 16	.250	6,4	1.171	29,7
PG 21	**3175**	**3176**	NLN PG 21	.281	7,1	1.406	35,7
PG 29	**3177**	**3178**	NLN PG 29	.281	7,1	1.812	46,0
PG 36	**M9146**	**M9147**	NLN PG 36	.281	7,1	2.244	56,9
PG 42	**M9152**	**M9153**	NLN PG 42	.320	8,1	2.750	69,9
PG 48	**M9158**	**M9159**	NLN PG 48	.375	9,5	2.835	72,0

Standard colors black or gray.

Metric Thread



THREAD TYPE AND SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS A Thickness		B Wrenching Flats	
	Black	Gray		in.	mm.	in.	mm.
M12	**M9130**	**M9131**	NLN M12	.218	5,5	.750	19,1
M16	**M9132**	**M9133**	NLN M16	.218	5,5	.870	22,1
M20	**M9134**	**M9135**	NLN M20	.245	6,2	1.062	27,0
M25	**M9136**	**M9137**	NLN M25	.281	7,1	1.378	35,0
M32	**M9138**	**M9139**	NLN M32	.281	7,1	1.614	41,0
M40	**M9140**	**M9141**	NLN M40	.281	7,1	1.968	50,0
M50	**M9148**	**M9149**	NLN M50	.320	8,1	2.750	69,9
M63	**M9154**	**M9155**	NLN M63	.375	9,5	2.850	72,4

Standard colors black or gray.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2 Standard–Consult Heyco for VO material
Temperature Range	-22°F (-30°C) to 221°F (105°C)

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HEYCO

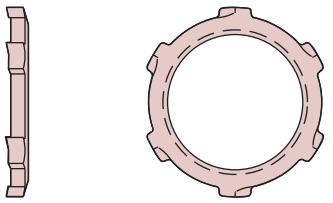
Heyco® Metal Locknuts

- DFARS Compliant

NPT Thread–Straight NPS Threads for use with NPT Threaded Fittings

THREAD TYPE AND SIZE	STAMPED STEEL		ZINC DIE-CAST	
	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1/4 NPT	**2238**	LN 1/4*	-	-
3/8 NPT	**2242**	LN 3/8*	-	-
1/2 NPT	**2250**	LN 1/2	**9800**	LN 1/2 DC
3/4 NPT	**2251**	LN 3/4	**9801**	LN 3/4 DC
1 NPT	**2252**	LN 1	**9802**	LN 1 DC
1-1/4 NPT	**9806**	LN 1-1/4	**9803**	LN 1-1/4 DC
1-1/2 NPT	**9807**	LN 1-1/2	**9804**	LN 1-1/2 DC
2 NPT	**9808**	LN 2	**9805**	LN 2 DC
2-1/2 NPT	**9809**	LN 2-1/2	–	–
3 NPT	**9810**	LN 3	–	–

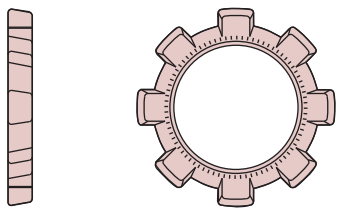
*Wrenching flats are not crenellated



Stamped Steel Nut

PG Thread–Nickel-Plated Brass

THREAD TYPE AND SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A Thickness		B Wrenching Flats	
			in.	mm.	in.	mm.
PG 7	**2257**	Brass LN PG 7	.110	2,8	.591	15,0
PG 9	**2258**	Brass LN PG 9	.110	2,8	.709	18,0
PG 11	**2259**	Brass LN PG 11	.118	3,0	.827	21,0
PG 13.5	**2260**	Brass LN PG 13	.118	3,0	.906	23,0
PG 16	**2261**	Brass LN PG 16	.118	3,0	1.024	26,0
PG 21	**2262**	Brass LN PG 21	.138	3,5	1.261	32,0
PG 29	**2263**	Brass LN PG 29	.158	4,0	1.615	41,0
PG 36	**2268**	Brass LN PG 36	.197	5,0	2.009	51,0
PG 42	**2269**	Brass LN PG 42	.197	5,0	2.364	60,0

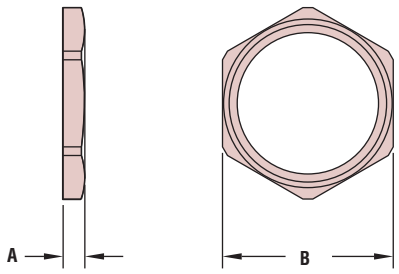


Zinc Die-cast Nut

Metric Thread–Nickel-Plated Brass

THREAD TYPE AND SIZE	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A Thickness		B Wrenching Flats	
			in.	mm.	in.	mm.
M6 x 1	**2243**	Brass LN M6	.110	2,8	.354	9,0
M8 x 1,25	**2244**	Brass LN M8	.110	2,8	.433	11,0
M10 x 1,5	**2245**	Brass LN M10	.110	2,8	.512	13,0
M12 x 1,5	**2246**	Brass LN M12	.118	3,0	.591	15,0
M16 x 1,5	**2247**	Brass LN M16	.118	3,0	.748	19,0
M20 x 1,5	**2248**	Brass LN M20	.138	3,5	.945	24,0
M25 x 1,5	**2249**	Brass LN M25	.138	3,5	1.181	30,0
M32 x 1,5	**2253**	Brass LN M32	.177	4,5	1.417	36,0
M40 x 1,5	**2254**	Brass LN M40	.177	4,5	1.811	46,0
M50 x 1,5	**2255**	Brass LN M50	.217	5,5	2.165	55,0

Nickel-Plated Brass



HEYCO

Heyco® TPE Liquid Tight Hole Plugs

- **Oil tight, rain tight, submersible.**
- UL certified for outdoor applications.
- Install with fingertip pressure (no tool required).
- Multiple nominal sizes fit .500″ (12,7 mm) to 1.000″ (25,4 mm) true size mounting holes.
- Three trade sizes fit 1/2″ to 1″ knock-out holes.
- Lock firmly in boxes from .03″ (0,8 mm) to .13″ (3,2 mm) thick.
- True sizes are UL recognized under Underwriters' Laboratories File E51579 and CSA certified by Canadian Standard Association File 8919.
- Trade sizes are UL listed under Underwriters' Laboratories File E51579 and CSA certified by Canadian Standard Association File 081067C.

Standard 85 Durometer Plugs

Maximum Panel Thickness .125″ (3,2 mm)
Mounting Hole Diameter Range: .500″ (12,7 mm) to 1.375″ (34,9 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION		PART DIMENSIONS					
					A Head Diameter		B Overall Height		C Head Thickness	
in.	mm.	Black		UL or cULus	in.	mm.	in.	mm.	in.	mm.
.500	12,7	**3830**	KOS LT 500	cULus	.91	23,1	.45	11,4	.29	7,4
.625	15,9	**3834**	KOS LT 625	cULus	1.03	26,2	.47	11,9	.31	7,9
.750	19,1	**3831**	KOS LT 750	cULus	1.15	29,2	.51	13,0	.35	8,9
.875	22,2	**3833**	KOS LT 1/2	UL	1.23	32,5	.50	13,5	.36	9,1
1.000	25,4	**3832**	KOS LT 1000	cULus	1.41	35,8	.56	14,2	.40	10,2
1.093	27,8	**3835**	KOS LT 3/4	UL	1.53	38,6	.55	14,0		
1.375	34,9	**3837**	KOS LT 1	UL	1.78	45,2	.57	14,5	.42	10,7

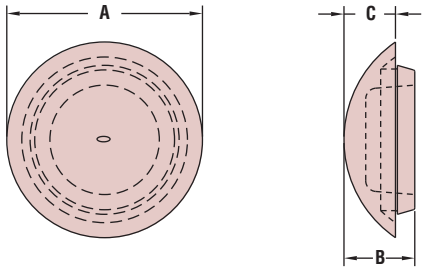
Available in black only.

Low 75 Durometer Plugs

Maximum Panel Thickness .125″ (3,2 mm)
Mounting Hole Diameter Range: .875″ (22,2 mm) to 1.375″ (34,9 mm)

MOUNTING HOLE DIAMETER*		PART NO.		DESCRIPTION		PART DIMENSIONS*					
						A Head Diameter		B Overall Height		C Head Thickness	
in.	mm.	Black	Gray		UL or cULus	in.	mm.	in.	mm.	in.	mm.
.875	22,2	**3833FN**	**3833FP**	KOS LT 1/2 LD	UL	1.23	32,5	.53	13,5	.36	9,1
1.093	27,8	**3835FN**	**3835FP**	KOS LT 3/4 LD	UL	1.53	38,6	.55	14,0	.40	10,2
1.375	34,9	**3837FN**	**3837FP**	KOS LT 1 LD	UL	1.80	45,2	.56	14,3	.42	10,7

Standard colors black and gray.
*Consult Heyco for other Liquid Tight Hole Plug sizes in Low Durometer material.



Quick Specs

Material	85 Durometer	TPE-Hardness 85 Shore A
	75 Durometer	TPE-Hardness 75 Shore A
Certifications	Trade Sizes (1/2, 3/4, 1)	UL Listed under Underwriters' Laboratories File E51579
		CSA Certified by Canadian Standard Association File 081067C
	True Sizes	cULus Recognized under Underwriters' Laboratories File E51579
	(all others)	CSA Certified by Canadian Standard Association File 8919
Flammability Rating		94V-0
Temperature Range		-81°F (-60°C) to 275°F (135°C)

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HEYCO

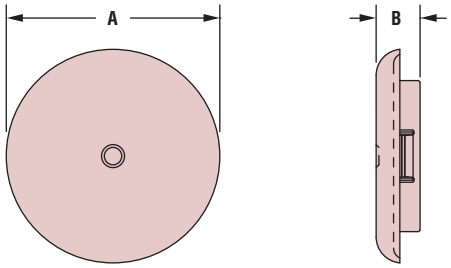
HEYCo-molded™ Liquid Tight Break-Thru Plugs

Consult Heyco for Colors Other Than Black

Mounting Hole Diameter Range: .500˝ (12,7 mm) to 1.500˝ (38,1 mm)*

PANEL DIMENSIONS Thickness at Locking Finger Steps		Mounting Hole Diameter*		CABLE DIAMETER RANGE		PART NO. Black	DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
For Panels up to .063˝ (1,6 mm) Thick											
.02	0,5	.500	12,7	.08 - .20	2,0 - 5,1	**C2008**	LTBP 500-063	.92	23,4	.32	8,1
.03	0,8	.625	15,9	.13 - .38	3,3 - 9,5	**C2012**	LTBP 625-063	1.03	26,2		
.04	1,0	.750	19,1	.18 - .40	4,4 - 10,2	**C2016**	LTBP 750-063	1.15	29,2		
.05	1,2	.875	22,2	.13 - .45	3,3 - 11,4	**C2020**	LTBP 875-063	1.28	32,5		
.06	1,6	1.000	25,4	.20 - .72	5,1 - 18,2	**C2022**	LTBP 1000-063	1.43	36,3		
		1.093	27,8	.25 - .77	6,4 - 19,4	**C2024**	LTBP 1093-063	1.53	38,9		
For Panels from .063˝ (1,6 mm) to .250˝ (6,4 mm) Thick											
.06	1,6	.500	12,7	.08 - .20	2,0 - 5,1	**C2058**	LTBP 500-250	.92	23,4	.63	15,9
.08	2,0	.625	15,9	.13 - .38	3,3 - 9,5	**C2062**	LTBP 625-250	1.03	26,2		
.09	2,4	.750	19,1	.18 - .40	4,4 - 10,2	**C2066**	LTBP 750-250	1.15	29,2		
.13	3,2	.875	22,2	.13 - .45	3,3 - 11,4	**C2070**	LTBP 875-250	1.28	32,5		
.16	4,0	1.000	25,4	.20 - .72	5,1 - 18,2	**C2072**	LTBP 1000-250	1.43	36,3		
.20	5,1	1.093	27,8	.25 - .77	6,4 - 19,4	**C2074**	LTBP 1093-250	1.53	38,9		
.25	6,4	1.375	34,9	.30 - .95	7,6 - 24,1	**C2080**	LTBP 1375-250	1.80	45,7	.67	17,0
		1.500	38,1	.38 - 1.06	9,5 - 26,9	**C2082**	LTBP 1500-250	1.93	49,0		

Standard color black. Consult Heyco for other colors.
*Consult Heyco for other Mounting Hole Diameters. Our Axcell Rapid Response Team is ready to meet your requirements.



- These **co-molded** nylon and elastomer parts function as **Liquid Tight Plugs** with an IP 67/68 rating, yet can be pierced by **round wire, cable or tubing** to function as **Liquid Tight Bushings** with the same resulting IP 67/68 rating.
- **Certified by UL under UL 635**
- For use in panels as thin as .02˝ (0,5 mm) and as thick as .25˝ (6,4 mm).
- Provide liquid tight closure when used as a plug. When pierced, function as a liquid tight bushing that convert raw edged holes to smooth, neat, insulated holes.
- Used as a liquid tight bushing, HEYCo-molded Liquid Tight Break-Thru Plugs insulate and mechanically protect electrical and telecommunications cable, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of greater than 35 pounds.
- Available in multiple sizes for use in .500˝ (12,7 mm) to 1.500˝ (38,1 mm) diameter holes.

Materials		Nylon 6/6 and TPE
Certifications		Recognized under the Component Program of Underwriters' Laboratories File E15331
Flammability Rating		HB
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		IP 67/68

Quick Specs

HEYCO

NO O-RING REQUIRED!

Heyco® Liquid Tight Threaded Plugs

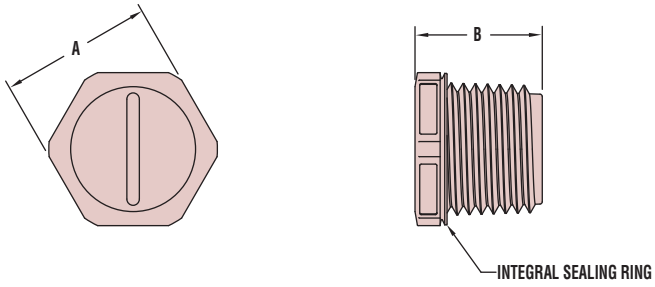
Liquid Tight with Integral Sealing Ring
Hex Head with slot

- Integral sealing ring ensures a superior seal at mounting hole location, every time.
- IP 68 Rated.
- **UL Rated for type NEMA 3R, 4 and 4X applications.**
- Provide a liquid-tight seal up to 70 psi.
- Threaded plugs for hydraulic and pneumatic applications.
- Seal threaded openings and protect against contamination and moisture.
- Lower cost option over brass or steel NPT and PG plugs.
- Non-corrosive–resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- Resist oil and heat up to 221°F (105°C).
- Approximate Head Thickness: .21˝ (5,3 mm). Thickness may vary.
- Hex shaped head with slot for wrench or screwdriver installation.
- Electrically non-conductive Nylon 6/6.

THREAD TYPE/SIZE	PART NO. Black	PART NO. Gray	PART NO. V-O Black	DESCRIPTION	PART DIMENSIONS A Wrenching Flats in.	A mm.	B Overall Length in.	B mm.
NPT								
NPT 1/4	**3544B**	**3544**	-	LTTP NPT 1/4	.63	16,0	.66	16,8
NPT 3/8	**3545B**	**3545**	-	LTTP NPT 3/8	.83	21,1	.69	17,5
NPT 1/2	**3546B**	**3546**	**V3546**	LTTP NPT 1/2	.98	24,9	.81	20,6
NPT 3/4	**3547B**	**3547**	**V3547**	LTTP NPT 3/4	1.29	32,8	.86	21,8
NPT 1	**3548B**	**3548**	**V3548**	LTTP NPT 1	1.74	44,2	1.05	26,7
NPT 1-1/4	**3549B**	**3549**	**V3549**	LTTP NPT 1-1/4	2.06	52,3	1.08	27,4
PG - For PG Thread Specifications, see page 3-49								
PG 7	**3574B**	**3574**	-	LTTP PG 7	.63	16,0	.53	13,5
PG 9	**3575B**	**3575**	-	LTTP PG 9	.83	21,1		
PG 13.5	**3576B**	**3576**	-	LTTP PG 13.5	.98	24,9	.62	15,8
PG 21	**3401B**	**3401**	-	LTTP PG 21	1.29	32,8	.68	17,3
PG 29	**3578B**	**3578**	-	LTTP PG 29	1.74	44,2	.87	22,1
PG 36	**3579B**	**3579**	-	LTTP PG 36	2.06	52,3	.78	19,8
Metric								
M12	**3582B**	**3582**	-	LTTP M12	.63	16,0	.53	13,5
M16	**3583B**	**3583**	-	LTTP M16	.83	21,1		
M20	**3584B**	**3584**	-	LTTP M20	.98	24,9	.62	15,8
M32	**3586B**	**3586**	-	LTTP M32	1.74	44,2	.87	22,1
M40	**3587B**	**3587**	-	LTTP M40	2.06	52,3	.78	19,8

Standard color black. Consult Heyco for other colors and sizes in V-O material.

* Not cURus



Quick Specs

Material		Nylon 6/6
Certifications	cULus	Recognized under the Component Program of Underwriters' Laboratories File E330194 to both Canadian and U.S. requirements.
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 221°F (105°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

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HEYCO

Heyco® PG Threaded Plugs

For PG Thread Specifications, see page 3-49

THREAD	PART NO.		DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
Type/Size	Gray	Black		in.	mm.	in.	mm.
PG 7	**3405**	**3405B**	TP PG 7	.59	15,0	.32	8,0
PG 9	**3407**	**3407B**	TP PG 9	.75	19,0	.37	9,5
PG 11	**3402**	**3402B**	TP PG 11	.87	22,0		
PG 13	**3412**	**3412B**	TP PG 13	.98	25,0	.39	10,0
PG 16	**3414**	**3414B**	TP PG 16	1.06	27,0		
PG 21	**3416**	**3416B**	TP PG 21	1.30	33,0	.47	12,0
PG 29	**3418**	**3418B**	TP PG 29	1.73	44,0		
PG 36	**3415**	**3415B**	TP PG 36	2.17	55,0	.55	14,0
PG 48	**3417**	**3417B**	TP PG 48	2.72	69,0	.63	16,0

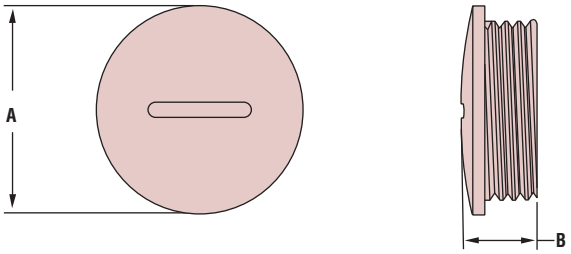
Standard colors gray and black.

- Protection Class IP 50.
- PG plugs are molded of shock resistant polystrene and metric plugs are molded of Nylon 6.
- Consult Heyco for other colors.
- For PG Thread Specifications, see page 3-49.

Heyco® Metric Threaded Plugs

THREAD	PART NO.		DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
Type/Size	Gray	Black		in.	mm.	in.	mm.
M12 x 1,5	**3403**	**3403B**	TP M12	.59	15,0		
M16 x 1,5	**3404**	**3404B**	TP M16	.79	20,0	.41	10,5
M20 x 1,5	**3406**	**3406B**	TP M20	.95	24,0		
M25 x 1,5	**3408**	**3408B**	TP M25	1.18	30,0	.51	13,0
M32 x 1,5	**3409**	**3409B**	TP M32	1.48	37,0	.53	13,5
M40 x 1,5	**3410**	**3410B**	TP M40	1.81	46,0	.55	14,0
M50 x 1,5	**3411**	**3411B**	TP M50	2.20	56,0	.63	16,0
M63 x 1,5	**3413**	**3413B**	TP M63	2.76	70,0	.71	18,0

Standard colors gray and black.



Materials	PG	Shock Resistant Polystrene
	Metric	Nylon 6
Flammability Rating		94V-2
Temperature Range		-4°F (-20°C) to 176°F (80°C)
IP Rating		IP 50

Quick Specs

Heyco® Liquid Tight Cordgrips

INSTALLATION INSTRUCTIONS for NON THREADED or Clearance mounting holes:

*For torque information, see page 3-50 or visit the Cordgrips section on **www.heyco.com**.*

1. Be sure that hole is free of burrs and panel surface around hole is smooth and free of debris.
2. Insert the fitting's lower threaded portion through the mounting hole and hand-tighten the LOCKNUT as far as possible. Hold the BODY hex stationary with a wrench. Using a six-pointed socket or six-pointed wrench, tighten the LOCKNUT firmly in place. **To see Heyco's Torque Chart (LTF's, LTCG's, SCG's & Brass), visit the Cordgrips section on www.heyco.com for suggested torque values.** Check to make sure the BODY hex is held flush and tight to the panel to insure a tight seal.
3. Insert the cable through the fitting to the desired position.
4. Hand-tighten the SEALING nut as far as possible. Hold the BODY hex stationary with a wrench. Using a second wrench, tighten the sealing nut until the cable is securely held in place. **To see Heyco's Torque Chart (LTF's, LTCG's, SCG's & Brass), visit the Cordgrips section on www.heyco.com for suggested torque values.**
5. To disassemble for cable replacement, use a wrench to hold the BODY hex stationary and loosen the SEALING nut with a second wrench. Grip the disconnected cable and pull while turning the cable in the counter-clockwise direction.

Alternate Installation Instructions:

1. Insert the cable through the fitting to the desired position.
2. Hand-tighten the SEALING nut as far as possible. Hold the BODY hex stationary with a wrench. Using a second wrench, tighten the sealing nut until the cable is securely held in place. **To see Heyco's Torque Chart (LTF's, LTCG's, SCG's & Brass), visit the Cordgrips section on www.heyco.com for suggested torque values.**
3. Insert the fitting's lower threaded portion through the mounting hole and hand-tighten the LOCKNUT as far as possible. Hold the BODY hex stationary with a wrench. Using a six-pointed socket or six-pointed wrench, tighten the LOCKNUT firmly in place. **To see Heyco's Torque Chart (LTF's, LTCG's, SCG's & Brass), visit the Cordgrips section on www.heyco.com for suggested torque values.** Check to make sure the BODY hex is held flush and tight to the chassis to insure a tight seal.
4. To disassemble for cable replacement, use a wrench to hold the BODY hex stationary and loosen the SEALING nut with a second wrench. Grip the disconnected cable and pull while turning the cable in the counter-clockwise direction.

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HEYCO

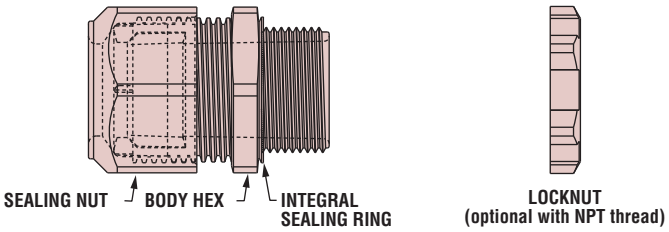
Heyco® Liquid Tight Cordgrips

INSTALLATION INSTRUCTIONS for THREADED mounting holes:

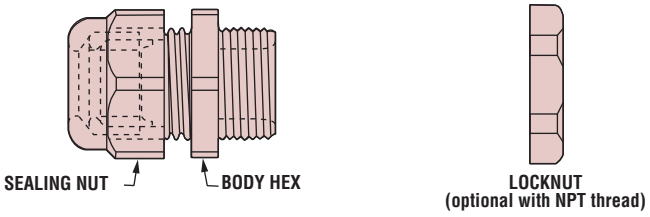
For torque information, see page 3-50 or visit the Cordgrips section on ***www.heyco.com****.*

1. Be sure that hole is free of burrs and panel surface around hole is smooth and free of debris.
2. Using the hex portion on the body (not the sealing nut), screw the fitting tightly into the threaded mounting hole.
3. Insert the cable through the fitting to the desired position.
4. Hand-tighten the SEALING nut as far as possible. Hold the BODY hex stationary with a wrench. Using a second wrench, tighten the SEALING nut until the wire is securely held in place.
5. Using a wrench on the BODY hex, check to make sure the fitting is still screwed tightly into the panel.
6. To disassemble for cable replacement, use a wrench to hold the BODY hex stationary and loosen the SEALING nut with a second wrench. Grip the disconnected cable and pull while turning the cable in the counter-clockwise direction.

Heyco-Tite



Original Series-35



Heyco® PG Thread Taps

For Steel Conduit Threads per DIN 40430*

THREAD TYPE AND SIZE	TAP DRILL DIAMETER mm.	DESCRIPTION	PART NO.		PART DIMENSIONS		
			Starting	Finishing	Major Diameter mm.	Length Overall mm.	Length Thread mm.
PG 7	11,5	PG T 7	**0150**	**0151**	12,5	63,0	20,0
PG 9	14,0	PG T 9	**0153**	**0154**	15,2	70,0	20,0
PG 11	17,3	PG T 11	**0156**	**0157**	18,6	80,0	22,0
PG 13.5	19,0	PG T 13.5	**0159**	**0160**	20,4	80,0	22,0
PG 16	21,3	PG T 16	**0162**	**0163**	22,5	80,0	22,0
PG 21	27,0	PG T 21	**0165**	**0166**	28,3	90,0	22,0
PG 29	35,5	PG T 29	**0168**	**0169**	37,0	110,0	25,0

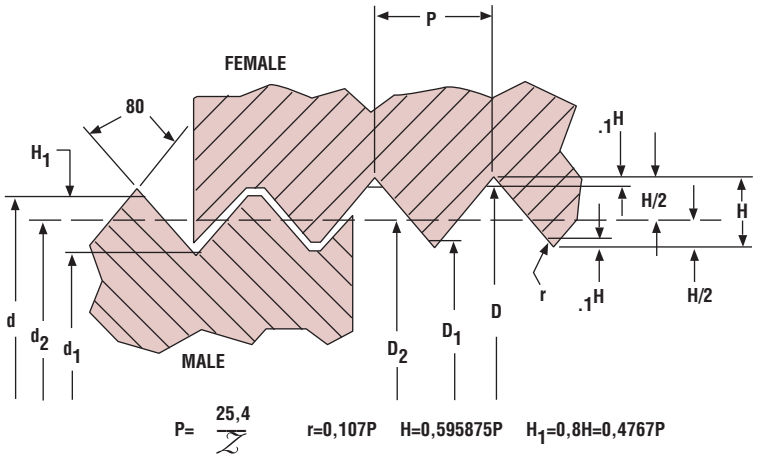
*See page 3-49 for DIN 40430 Specifications.

- Use a starting tap for through-hole applications.
- For blind holes, thread first with a starting tap; finish bottoming the threads with a finishing tap.
- Flank angle 80°.
- Made of high-speed steel with ground threads for greater accuracy to assure optimum performance.
- Suitable for cutting alloy steel, bronze, and stainless.

Heyco® PG Hub Liquid Tight Cordgrip DIN 40430 Specifications

Machined Steel Pipe Thread–Nominal Sizes (mm)

THREAD SIZE AND TYPE	PART DIMENSIONS						
	Outside Dia. d=D	Pitch Dia. d2=D2	Root Dia. d1=D1	Pitch P	No. of Threads Z	Thread Height H1	Thread Radius R
PG 7	12,5	11,89	11,28	1,270	20	0,61	0,14
PG 9	15,2	14,53	13,86	1,410	18	0,67	0,15
PG 11	18,6	17,93	17,26	1,410	18	0,67	0,15
PG 13,5	20,4	19,73	19,06	1,410	18	0,67	0,15
PG 16	22,5	21,83	21,16	1,410	18	0,67	0,15
PG 21	28,3	27,54	26,78	1,588	16	0,76	0,17
PG 29	37,0	36,24	35,48	1,588	16	0,76	0,17
PG 36	47,0	46,24	45,48	1,588	16	0,76	0,17
PG 42	54,0	53,24	52,48	1,588	16	0,76	0,17
PG 48	59,3	58,54	57,78	1,588	16	0,76	0,17



Machined Steel Pipe Thread–Limits (mm)
Plastic Threads may have Modified Tolerances

THREAD SIZE AND TYPE	PART DIMENSIONS											
	MALE Outside Dia. d		MALE Pitch Dia. d2		MALE Root Dia. d1		FEMALE Outside Dia. D		FEMALE Pitch Dia. D2		FEMALE Root Dia. D1	
	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
PG 7	12,5	12,3	11,89	11,69	11,28	11,08	12,65	12,5	12,04	11,89	11,43	11,28
PG 9	15,2	15,0	14,53	14,33	13,86	13,66	15,35	15,2	14,68	14,53	14,01	13,86
PG 11	18,6	18,4	17,93	17,73	17,26	17,06	18,75	18,6	18,08	17,93	17,41	17,26
PG 13,5	20,4	20,2	19,73	19,53	19,06	18,86	20,55	20,4	19,88	19,73	19,21	19,06
PG 16	22,5	22,3	21,83	21,63	21,16	20,96	22,65	22,5	21,98	21,83	21,31	21,16
PG 21	28,3	28,0	27,54	27,24	26,78	26,48	28,55	28,3	27,79	27,54	27,03	26,78
PG 29	37,0	36,7	36,24	35,94	35,48	35,18	37,25	37,0	36,49	36,24	35,73	35,48
PG 36	47,0	46,7	46,24	45,94	45,48	45,18	47,25	47,0	46,49	46,24	45,73	45,48
PG 42	54,0	53,7	53,24	52,94	52,48	52,18	54,25	54,0	53,49	53,24	52,73	52,48
PG 48	59,3	59,0	58,54	58,24	57,78	57,48	59,55	59,3	58,79	58,54	58,03	57,78

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Heyco® Liquid Tight Cordgrips Torque Chart

Heyco®-Tite LTCG and SCG

Hub Style	Lock Nut in. lbs.	Lock Nut Nm	Sealing Nut in. lbs.	Sealing Nut Nm
NPT 1/4 Pg 7 M12	15 - 20	1,7 - 2,3	25 - 30	2,8 - 3,4
SCG 500	-	-		
NPT 3/8 Pg 9 M16	33 - 38	3,7 - 4,3	33 - 38	3,7 - 4,3
SCG 625	-	-		
Pg 11	40 - 45	4,5 - 5,1	55 - 65	6,2 - 7,3
SCG 750	-	-		
NPT 1/2 Pg 13.5 M20	40 - 45	4,5 - 5,1	50 - 55	5,6 - 6,2
SCG 875	-	-		
NPT LL 1/2 Pg 16	40 - 45 100	4,5 - 5,1 11,3	70	7,9
SCG 1000	-	-		
NPT 3/4 Pg 21 M25	75 - 80	8,5 - 9,0	80 - 85	9,0 - 9,6
SCG 1.093 SCG 1.125	-	-		
NPT 1 Pg 29 M32	75 - 80	8,5 - 9,0	100 - 110	11,3 - 12,4
SCG 1.250 SCG 1.375	-	-		
NPT 1-1/4 Pg 36 M40	125 - 135	14,1 - 15,3	145-155	16,4 - 17,5
SCG 1.500 SCG 1.750	-	-		
NPT 1-1/2 Pg 42 M50	255	28,8	188	21,2
SCG 2.000	-	-		
NPT 2 Pg 48 M63	300	33,9	255	28,8
SCG 2.375	-	-		

Original Series-35 LTF

Hub Style	Lock Nut in. lbs.	Lock Nut Nm	Sealing Nut in. lbs.	Sealing Nut Nm
Pg 7	35	4,0	25	2,8
NPT 3/8 Pg 9	40	4,5	40	4,5
Pg 11	45	5,1	65	7,3
NPT 1/2 Pg 13.5	80	9,0	80	9,0
NPT LL 1/2	80	9,0	120	13,6
Pg 16	124	14,0		
NPT 3/4 Pg 21	169	19,1	130	14,7
NPT 1	200 - 225	22,6 - 25,4	225 - 250	25,4 - 28,2
Pg 29	225	25,4	275	31,1

Expanded Torque Charts are available on our website.
Visit www.Heyco.com and click on Full Line Catalog.

Heyco® Liquid Tight Cordgrips LabKit #8 (Part #3297)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco LabKit #8 contains an assortment of our most popular Liquid Tight Cordgrips
- Heyco also offers LabKits for Strain Relief Bushings, Bushings, Hole Plugs, HEYware and Grommets.

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HEYCO® Strain Relief Bushings

4-1 Straight-Thru Snap-In Cordgrip Strain Reliefs

4-2 Pigtail Snap-In Cordgrip Strain Reliefs

4-3 Snap-In Universal Strain Reliefs & Romex® Strain Relief

4-4 Snap-In Removeable, Ratcheting Strain Reliefs

4-5 Lockit ST Strain Reliefs for Round Cables

4-6 Lockit ST Strain Reliefs for Flat Cables

4-7 Lockit RDD Strain Reliefs – Straight-Thru for Round Cable, .625 Diameter

4-8 Lockit RDD Strain Reliefs – Straight-Thru for Round Cable, .875 Diameter

4-9 Lockit RDD Strain Reliefs – Straight-Thru for Round Cable, 1.109 Diameter

4-10 Lockit Strain Relief Table of UL Approved Round Wire Types

4-11 Lockit RDD Strain Reliefs – Straight-Thru for Flat Cables

4-12 Lockit RDD Strain Reliefs – Pigtail for Round & Flat Cables

4-13 Lockit RDD Strain Reliefs – Right Angle for Round Cables

4-14 Lockit RDD Strain Reliefs – Right Angle for Flat Cables

4-15 Lockit Strain Relief Pre-Assembly Equipment

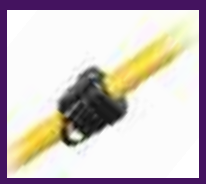
4-16 Lockit Strain Relief Pre-Assembly Equipment Directory

4-17 Original Strain Reliefs – Straight-Thru for Flat Cable to .500 Diameter

4-18 Original Strain Reliefs – Straight-Thru for Flat Cable to .875 Diameter

4-19 Original Strain Reliefs – Straight-Thru for Round Cable to .500 Diameter

4-20 Original Strain Reliefs – Straight-Thru for Round Cable to .750 Diameter


4-21 Original Strain Reliefs – Straight-Thru for Round Cable to 1.187 Diameter

4-22 Original Strain Relief Bushings – Internal Radii, for Flat Cable

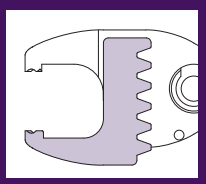
4-23 Original Strain Relief Bushings – Bell Mouth, for Flat and Round Cable

4-24 Original Strain Relief Bushings – Pigtail, for Flat and Round Cable

4-25 Original Strain Relief Bushings – Right Angle for Round Cable

4-26 Original Strain Relief Bushings – Right Angle for Flat Cable

4-27 Original Strain Relief Assembly Plier Instructions & Spares


4-28 Original Strain Relief Assembly Pliers Directory

4-29 Original Strain Relief Bushing Air Tool

4-30 Metal Strain Reliefs

4-31 Multi-Lockit Strain Reliefs for Round & Flat Cables

4-31 ST Lockit Strain Relief for U-Shaped Slot

4-32 Split Panel Strain Reliefs

4-33 In-Line Strain Relief

4-33 Strain Relief LabKit

4-34 Euro CEE Strain Relief & T-Bar

4-35 Liquid Tight Romex® Connectors

4-36 Zinc Die-Cast Box Connectors

4-37 Knock-Out Adapters, Backup Washer & Tool

4-38 Strain Relief Mounting Hole Plugs

4-39 How to Choose a Strain Relief

HEYCO

Heyco® Snap-In Cordgrip Strain Reliefs – Straight-Thru

The Ultimate in Snap-In Strain Relief Protection

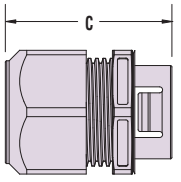
For Panels from .062″ (1,6 mm) to .125″ (3,2 mm) Thick

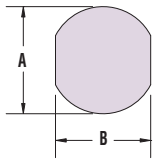
- **Unique fingers securely lock into a range of panel sizes without use of locknut.**
- Smooth, rounded interior edges for ease of installation.
- Limited intrusion into enclosure where access is tight.
- Rotation prevented when used in Double D mounting holes.
- Easy to install–no tools required.
- Ratchet design of sealing nut assembly provides superior anti-vibration and ensures a firm grip on the cable.
- Available in multiple sizes for cable diameters ranging from .065″ (1,7 mm) to 1.560″ (39,6 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Meet UL strain relief requirements without bending or kinking the cable.
- For Foam Washers, see page 2-17.
- Though similar in appearance and function to Heyco-Tite Liquid Tight Cordgrips, Snap-In Cordgrip Strain Reliefs may not be liquid tight at the panel interface. For our complete range of **Liquid Tight** Cordgrips with Integral Sealing Ring, see Section 3.
- Use Heyco **Mounting Hole Plugs** for DD Mounting Holes, or **Heyco Dome Plugs** for round Mounting Holes, to fill blank/unused Mounting Holes and thus allow for a single panel design across multiple applications. See Section 6.

WILL FIT THESE CABLES Minimum Diameter		Maximum Diameter		PART NO. Black	DESCRIPTION	UL or CSA	PANEL DIMENSIONS A Mounting Hole		B To Prevent Rotation		C Max O.A. Length		Mounting Hole Plug
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	Part No.
.065 .115	1,7 2,9	.220 .250	5,6 6,4	**M4802** **M4800**	RSCG 500 SCG 500	CSA	.500	12,7	.450	11,4	1.21	30,7	2491
.065 .105	1,7 2,7	.187 .312	4,8 7,9	**M4808** **M4806**	RSCG 625 SCG 625	CSA	.625	15,9	.550	14,0	1.30	33,0	2497
.069 .230	1,8 5,8	.250 .395	6,4 10,0	**M4814** **M4812**	RSCG 750 SCG 750	CSA	.750	19,1	.660	16,8	1.48	37,6	2503
.095 .170	2,4 4,3	.260 .450	6,6 11,4	**M4820** **M4818**	RSCG 875 SCG 875	CSA	.875	22,2	.770	19,6	1.46	37,1	2509
.180 .260	4,6 6,6	.440 .546	11,2 13,9	**M4826** **M4824**	RSCG 1000 SCG 1000	CSA	1.000	25,4	.875	22,2	1.62	41,1	2713*
.250 .485	6,4 12,3	.485 .709	12,3 18,0	**M4832** **M4830**	RSCG 1093 SCG 1093	CSA	1.093	27,8	.970	24,6	1.75	44,5	2717
.250 .485	6,4 12,3	.485 .709	12,3 18,0	**M4838** **M4836**	RSCG 1125 SCG 1125	UL	1.125	28,6	1.000	25,4	1.75	44,5	2717
.490 .590	12,4 15,0	.787 .920	20,0 23,4	**M4844** **M4842**	RSCG 1250 SCG 1250	CSA UL	1.250	31,8	1.125	28,6	2.05	52,1	2740*
.490 .590	12,4 15,0	.787 1.000	20,0 25,4	**M4850** **M4848**	RSCG 1375 SCG 1375	CSA	1.375	34,9	1.250	31,8	2.05	52,1	2753*
.787 .865	20,0 22,0	1.020 1.180	25,9 30,0	**M4856** **M4854**	RSCG 1500 SCG 1500	CSA UL	1.500	38,1	1.375	34,9	2.23	56,6	2763*
.787 .865	20,0 22,0	1.020 1.260	25,9 32,0	**M4862** **M4860**	RSCG 1750 SCG 1750	CSA	1.750	44,5	1.625	41,3	2.28	57,9	2773*
1.000 1.230	25,4 31,2	1.240 1.560	31,5 39,6	**M4868** **M4866**	RSCG 2000 SCG 2000	CSA	2.000	50,8	1.875	47,6	2.41	61,2	2959
1.160 1.450	29,5 36,8	1.350 1.560	34,3 39,6	**M4874** **M4872**	RSCG 2375 SCG 2375	CSA	2.375	60,3	2.250	57,2	2.50	63,5	consult Heyco

Standard color black.

*For round Mounting Hole only. For DD Mounting Hole Plug, consult Heyco.





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

Quick Specs

Material	Nylon 6/6 w/Buna N Sealing Gland
Certifications	Recognized under Underwriters' Laboratories File E51579
	Certified by Canadian Standards Association File 093876
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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HEYCO

Heyco® Snap-In Cordgrip Strain Reliefs – Pigtail™

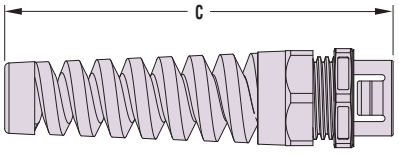
The Ultimate in Snap-In Strain Relief Protection

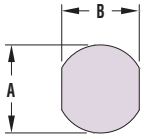
For Panels from .062″ (1,6 mm) to .125″ (3,2 mm) Thick

WILL FIT THESE CABLES Minimum Diameter		Maximum Diameter		PART NO. Black	DESCRIPTION	UL or CSA	PANEL DIMENSIONS A Mounting Hole		B To Prevent Rotation		C Max O.A. Length		Mounting Hole Plug
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	Part No.
.065 .115	1,7 2,9	.220 .250	5,6 6,4	**M4902** **M4900**	RSCG 500-7 SCG 500-7		.500	12,7	.450	11,4	2.50	63,5	2491
.065 .105	1,7 2,7	.187 .312	4,8 7,9	**M4908** **M4906**	RSCG 625-7 SCG 625-7		.625	15,9	.550	14,0	2.83	71,9	2497
.069 .230	1,8 5,8	.250 .395	6,4 10,0	**M4914** **M4912**	RSCG 750-7 SCG 750-7		.750	19,1	.660	16,8	3.46	87,9	2503
.095 .170	2,4 4,3	.260 .450	6,6 11,4	**M4920** **M4918**	RSCG 875-7 SCG 875-7		.875	22,2	.770	19,6	3.86	98,0	2509
.180 .260	4,6 6,6	.440 .546	11,2 13,9	**M4926** **M4924**	RSCG 1000-7 SCG 1000-7		1.000	25,4	.875	22,2	4.31	109,5	2713*
.250 .485	6,4 12,3	.485 .709	12,3 18,0	**M4932** **M4930**	RSCG 1093-7 SCG 1093-7		1.093	27,8	.970	24,6	4.90	124,5	2727

Standard color black.

*For round Mounting Hole only. For DD Mounting Hole Plug, consult Heyco.





SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

- **Integral nylon spring eases the cable into a lazy bend; prevents kinking and assures longest cable and product life**.
- Unique fingers securely lock into a range of panel sizes without use of locknut.
- Smooth, rounded interior edges for ease of installation.
- Limited intrusion into enclosure where access is tight.
- Rotation prevented when used in Double D mounting holes.
- Easy to install–no tools required.
- Ratchet design of sealing nut assembly provides superior anti-vibration and ensures a firm grip on the cable.
- Available in multiple sizes for cable diameters ranging from .065″ (1,7 mm) to .709″ (18,0 mm).
- We recommend using the fitting with the smallest maximum diameter that will fit your application.
- Meet UL strain relief requirements without kinking the cable.
- For Foam Washers, see page 2-17.
- Though similar in appearance and function to Heyco-Tite Liquid Tight Cordgrips, Snap-in Cordgrip Strain Reliefs may not be liquid tight at the panel interface. For our complete range of **Liquid Tight** Cordgrips with Integral Sealing Ring, see Section 3.
- Use Heyco **Mounting Hole Plugs** for DD Mounting Holes, or **Heyco Dome Plugs** for round Mounting Holes, to fill blank/unused Mounting Holes and thus allow for a single panel design across multiple applications. See section 6.

Material	Nylon 6/6 w/Buna N Sealing Gland
Certifications	Recognized under Underwriters' Laboratories File E51579
	Certified by Canadian Standards Association File 093876
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

Heyco® Snap-In Universal Strain Relief Bushings

Fit 1/2˝ Electrical Knock-out Hole

- **USR 400 fits the widest range of cable sizes.**
- USR 401 fits the widest range of Romex® and other **flat** cable sizes.
- Captive screw forces the locking flap against the cable.
- Captive screw meets typical European requirements wherein the Strain Relief device must remain attached to the panel during cable removal or replacement.
- Nylon USR 400 & 401 comply with:
  – IEC Publication #335
  – CEE #10 and # 11
- Easy installation: fingertip pressure locks bushing into .875˝ (22,2 mm) diameter holes with panel thickness up to .125˝ (3,2 mm).
- Reinforcing ribs for extra strength.
- Bell mouth contour, radiused at 1.5x the exit hole diameter, eliminates the need for a separate cord guard.
- Protect cables against forces of pull, push, twist, and flex.
- **For Heyco-Tite Liquid Tight Romex® Connectors, see page 4-35.**

WILL FIT THESE CABLES			PANEL DIMENSIONS						PART NO.	DESCRIPTION	SCREW TYPE
Cross Section	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Panel Thickness		Black		
	in.	mm.	in.	mm.	in.	mm.	in.	mm.			
Round or Flat	up to .400	up to 10,2	.875	22,2	.770	19,6	.062 .125	1,6 3,2	**1724** **1730**	USR-400 USR-40	nylon steel

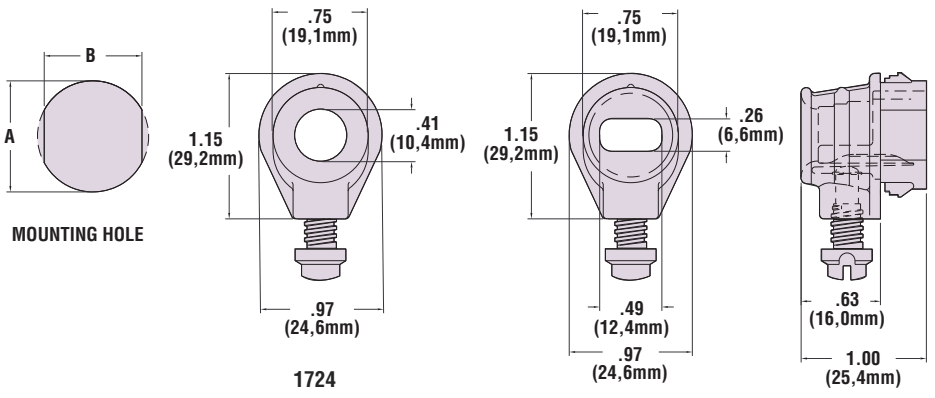
Standard color black. Consult Heyco for white and other colors.

Heyco® Snap-In Romex® Strain Relief Bushing*

Fits 1/2˝ Electrical Knock-out Hole

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	SCREW TYPE
Romex Type	AWG/ Conds	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Panel Thickness		Black		
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			
NM-B	14/2, 14/3, 12/2, 12/3, 10/2	up to .250 x .400	up to 6,4 x 10,2	.875	22,2	.770	19,6	.062 .125	1,6 3,2	**1726**	USR-401	nylon

Standard color black. Consult Heyco for white and other colors.
*For Romex® and other flat cables.



Quick Specs

Material	Nylon 6/6
Certifications	Recognized File E15331 for round and flat SPT type cables Listed under Underwriters' Laboratories File E103540 Certified by the Canadian Standards Association File 81067
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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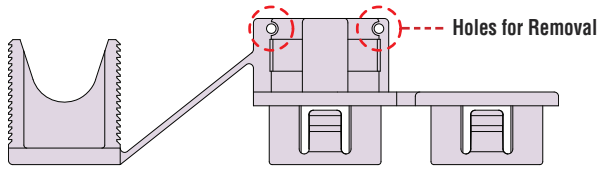
HEYCO

Heyco® Nylon Removable Snap-In Ratcheting Strain Reliefs

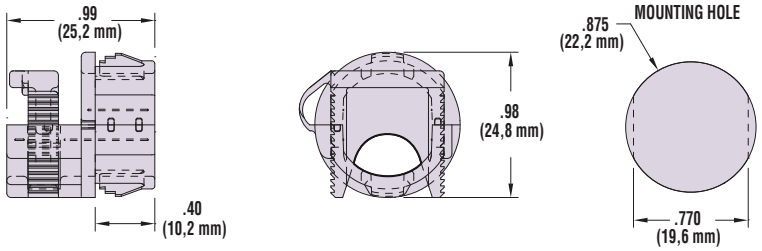
For Round and Double D Mounting Holes

WILL FIT THESE CABLES Cross Section	Approximate Size in.	Approximate Size mm.	PANEL DIMENSIONS Mounting Hole Size in.	Mounting Hole Size mm.	Maximum Thickness in.	Maximum Thickness mm.	PART NO. Black	DESCRIPTION	BODY LENGTH in.	BODY LENGTH mm.	Corresponding Mounting Hole Plug PART NO.	Corresponding Mounting Hole Plug DESC.
Round, Flat or Multiple	.12-.58	2,9-14,6	.875 w/.770 flats	22,2 w/19,6 flats	.13	3,2	**1280**	RSR 875	1.00	25,4	2509	DD 875 -770
Round, Flat or Multiple	.12-.75	2,9-19,1	1.109 w/1.000 flats	28,2 w/25,2 flats	.13	3,2	**1282**	RSR 1109	1.00	25,4	2717	DD 1109 -1000

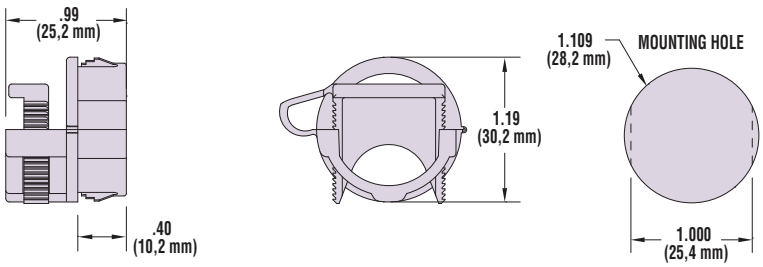
Standard color black. Consult Heyco for white and other colors.



1280



1282



- **Assembly friendly!** Independent of insertion into the panel, the Ratcheting Strain Relief **self-locks** onto the cable. Thus, it may be preassembled offline for final assembly at a later time or remote location, for lower installed cost!
- Unique wire locking ratchet allows for generous wire range from .12˝ (2,9 mm) to .75˝ (19,1 mm).
- Can be used for one cable or multiple cables (round or flat wire).
- Installs easily with fingertip pressure into a standard round or Double D hole.
- Ratcheting Strain Relief can be easily removed by inserting standard snap ring pliers with .04˝ tips (Heyco PN 0054) into the two holes on the part (see drawing) and spreading part open.
- Ideal solution for managing internal wire bundles such as wire harnesses.
- PN 1280 UL Recognized for multiple cables/conductors.
- Consult Heyco for other wire types and sizes.

PN 0054

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

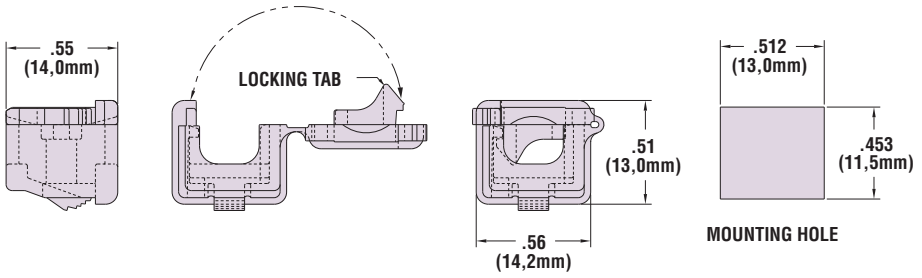
Heyco® ST Lockit™ Strain Relief Bushings

Snap onto **Round Cables** for Faster Assembly into **Rectangular Mounting Holes -** *Semi-Automatic Equipment Available*

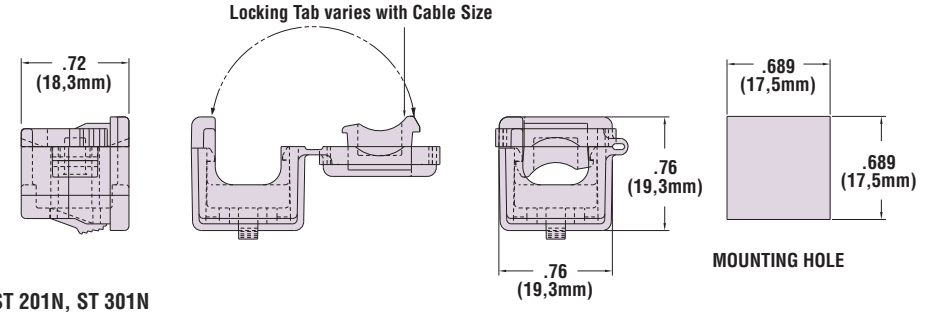
- **Assembly friendly!** Independent of insertion into the panel, Lockit Strain Reliefs **self-lock** onto the cable. Preassemble off line for final assembly at a later time or remote location, for lower installed cost!
- Lockit Strain Reliefs hold so well they pass the UL pull-out test requirements with or without panel support.
- Protect the lifeline of your electric/electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Rectangular design eliminates the possibility of part rotation under forces of twist.
- Lockit's three finger design securely anchors into panels as thin as .032˝ (0,8 mm) and as thick as .157˝ (4,0 mm) for a neat, clean appearance. Five locking steps accommodate a wide range of panel thicknesses. Low profile head satisfies design aesthetics!
- Heyco's automated Pre-Assembly Equipment speeds assembly of the Lockit onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.

WILL FIT THESE CABLES				PANEL DIMENSIONS				ST LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
See table on page 4-10	various	.220 - .290	5,6 - 7,4	.453 x .512	11,5 x 13,0	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1832**	**1833**	ST 101N	1890	RP 115-130
See table on page 4-10	various	.290 - .360	7,4 - 9,1	.689 x .689	17,5 x 17,5	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1836**	**1837**	ST 201N	1892	RP 175-175
See table on page 4-10	various	.355 - .420	9,0 - 10,6	.689 x .689	17,5 x 17,5	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1848**	**1849**	ST 301N	1892	RP 175-175

Standard color black. Consult Heyco for white and other colors.



ST 101N



ST 201N, ST 301N

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C).

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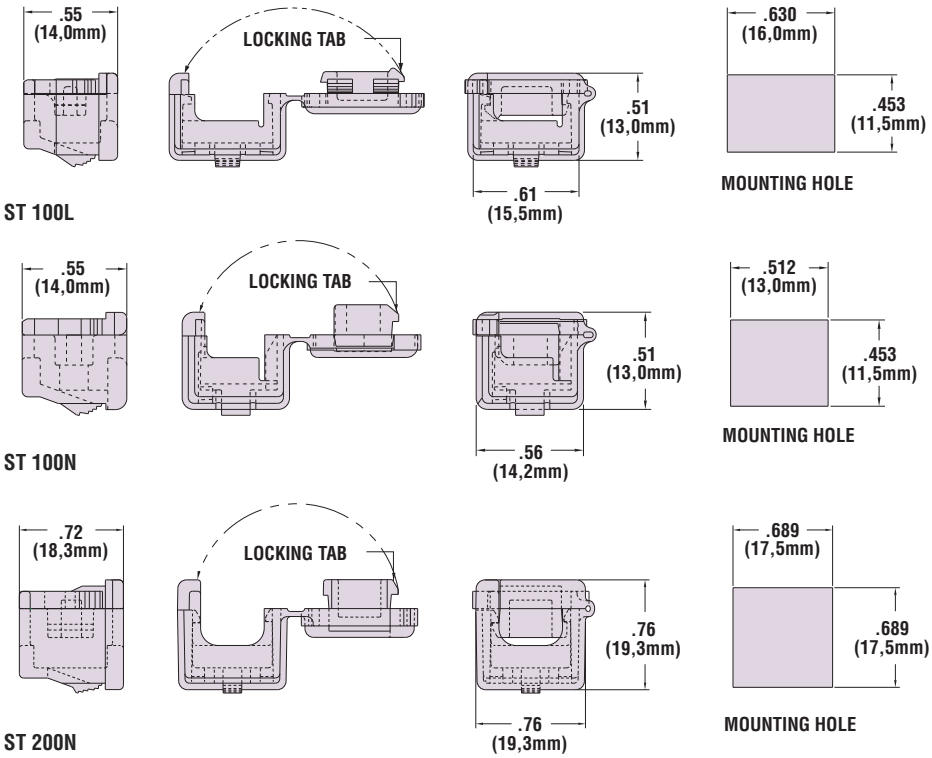
Heyco® ST Lockit™ Strain Relief Bushings

Snap onto **Flat Cables** for Faster Assembly into **Rectangular Mounting Holes -** *Semi-Automatic Equipment Available*

WILL FIT THESE CABLES				PANEL DIMENSIONS				ST LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
SPT-3	16/3	.03 x .10	0,8 x 2,5	.453 x .630	11,5 x 16,0	.032 .040	0,8 1,1	**1847**	**1846**	ST 100L	-	consult Heyco
HPN	18/3	.11 x .38	2,7 x 9,7			.048	1,2					
SPT-2	18/2	.14 x .27	3,3 x 6,9			.063 .099	1,6 2,5					
SPT-1	18/2 18/3	.12 x .22 .12 x .30	3,0 x 5,6 3,0 x 7,6	.453 x .512	11,5 x 13,0	.032 .040	0,8 1,1	**1829**	**1830**	ST 100N	1890	RP 115-130
SPT-2 & HPN	18/2 16/2	.15 x .28 .16 x .30	3,8 x 7,1 4,1 x 7,6			.048 .063 .099	1,2 1,6 2,5					
HPN	16/3	.16 x .37	4,1 x 9,4	.689 x .689	17,5 x 17,5			**1834**	**1835**	ST 200N	1892	RP 175-175
	18/3	.15 x .34 .15 x .40	3,8 x 8,6 3,8 x 10,2			.032	0,8					
SPT-2	16/3 18/2	.16 x .41 .19 x .35	4,1 x 10,4 4,8 x 8,9			.063 .099	1,6 2,5					
SPT-3	18/3 16/2 16/3 14/2	.19 x .39 .20 x .37 .20 x .43 .24 x .42	4,8 x 9,9 5,1 x 9,4 5,1 x 10,9 6,1 x 10,7			.126 .157	3,2 4,0					

Standard color black. Consult Heyco for white and other colors.



- **Assembly friendly!** Independent of insertion into the panel, Lockit Strain Reliefs **self-lock** onto the cable. Preassemble off line for final assembly at a later time or remote location, for lower installed cost!
- Lockit Strain Reliefs hold so well they pass the UL pullout test requirements with or without panel support.
- Protect the lifeline of your electric/ electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Rectangular design eliminates the possibility of part rotation under forces of twist.
- Lockit's three finger design securely anchors into panels as thin as .032˝ (0,8 mm) and as thick as .157˝ (4,0 mm) for a neat, clean appearance. Five locking steps accommodate a wide range of panel thickness. Low profile head satisfies design aesthetics!
- Heyco's automated Pre-Assembly Equipment speeds assembly of the Lockit onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- **For Quick Specs see page 4-5.**

HEYCO

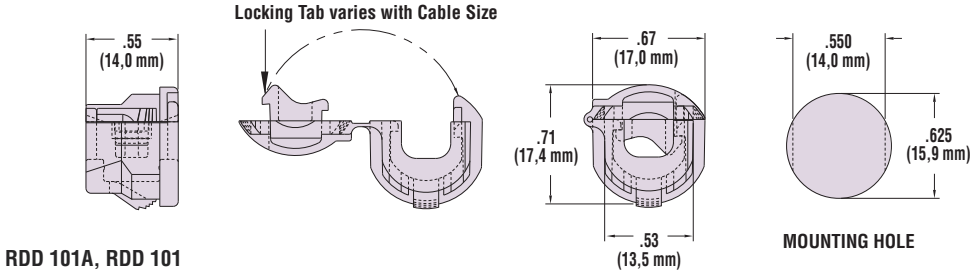
Heyco® RDD Lockit™ Strain Relief Bushings – Straight-Thru

Snap onto **Round Cables** for Faster Assembly into **Double D Mounting Holes** - *Semi-Automatic Equipment Available*

- **Assembly friendly!** Independent of insertion into the panel, RDD Lockit™ Strain Reliefs **self-lock** onto the cable. Preassemble RDD Lockits off line for final assembly at a later time or remote location, for lower installed cost!
- Install easily with fingertip pressure into a standard round or Double D hole. No tools required, even for hand assembly.
- Protect the lifeline of your electric/ electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Double D design eliminates the possibility of part rotation under forces of twist.
- Multiple panel locking steps secure Lockit Strain Reliefs into a wide range of panel thicknesses for a **flush, finished fit.**
- Heyco's automated Pre-Assembly Equipment speeds assembly of the RDD onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.

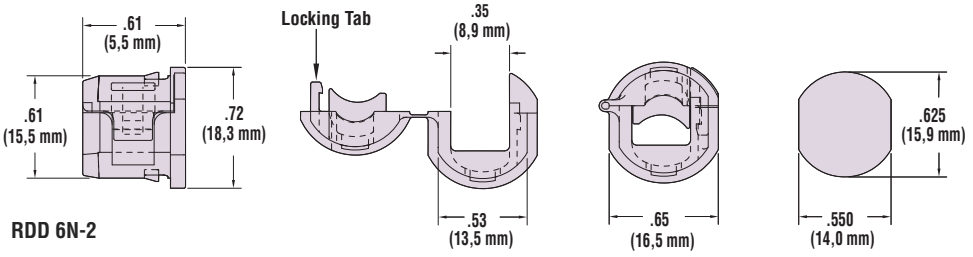
WILL FIT THESE CABLES				PANEL DIMENSIONS				RDD LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
AWN SJTO & SJ	18/3	.130- .210	3,3- 5,3	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1870**	**1871**	RDD 101-A	2497	DD 625-550
See table on page 4-10	various	.220- .290	5,6- 7,4	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1852**	**1853**	RDD 101	2497	DD 625-550
SJT SJO	18/3	.300- .330	7,6- 8,4	.625 w/ .550 flats	15,9 w/ 14,0 flats	.062	1,6	**1800**	**1801**	RDD 6N-2	2497	DD 625-550

Standard color black. Consult Heyco for white and other colors.



RDD 101A, RDD 101

MOUNTING HOLE



RDD 6N-2

MOUNTING HOLE

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under UL File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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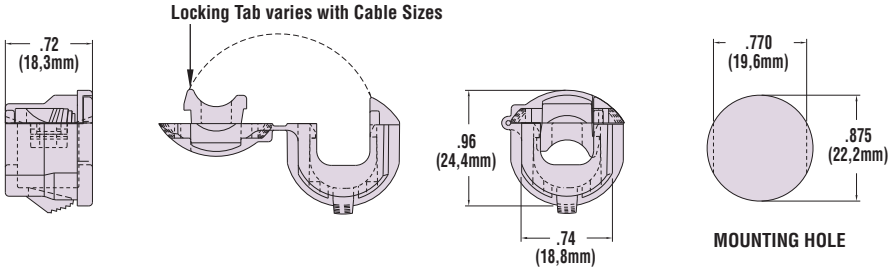
Heyco® RDD Lockit™ Strain Relief Bushings – Straight-Thru

Snap onto **Round Cables** for Faster Assembly into **Double D Mounting Holes** - *Semi-Automatic Equipment Available*
Fit 1/2˝ Electrical Knock-out Hole

WILL FIT THESE CABLES				PANEL DIMENSIONS				RDD LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size in.	Approximate Size mm.	Mounting Hole Size in.	Mounting Hole Size mm.	Thickness in.	Thickness mm.	PART NO. Black	PART NO. White	DESC.	PART NO.	DESC.
See table on page 4-10	various	.290-.385	7,4-9,8	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1857**	**1858**	RDD 201	2509	DD 875-770
Same as RDD 201 above except →						.078 .140	2,0 3,4	**1855**	**1856**	RDD 201-2*	2509	DD 875-770
See table on page 4-10	various	.340-.430	8,6-10,9	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1861**	**1862**	RDD 301	2509	DD 875-770
Same as RDD 301 above except →						.078 .140	2,0 3,4	**1859**	**1860**	RDD 301-2*	2509	DD 875-770
See table on page 4-10	various	.420-.450	10,8-12,1	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1865**	**1866**	RDD 401	2509	DD 875-770
Same as RDD 401 above except →						.078 .140	2,0 3,4	**1882**	**1883**	RDD 401-2*	2509	DD 875-770

Standard color black. Consult Heyco for white and other colors.
*Designed for cast or other mounting holes with rounded edges.



RDD 201, RDD 201-2, RDD 301, RDD 301-2, RDD 401, RDD 401-2

- **Assembly friendly!** Independent of insertion into the panel, RDD Lockit™ Strain Reliefs **self-lock** onto the cable. Preassemble RDD Lockits off line for final assembly at a later time or remote location, for lower installed cost!
- Install easily with fingertip pressure into a standard round or Double D hole. No tools required, even for hand assembly.
- Protect the lifeline of your electric/ electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Double D design eliminates the possibility of part rotation under forces of twist.
- Multiple panel locking steps secure Lockit Strain Reliefs into a wide range of panel thicknesses for a **flush, finished fit.**
- Heyco's automated Pre-Assembly Equipment speeds assembly of the RDD onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.

Material	Nylon 6/6
Certifications	Recognized under UL File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

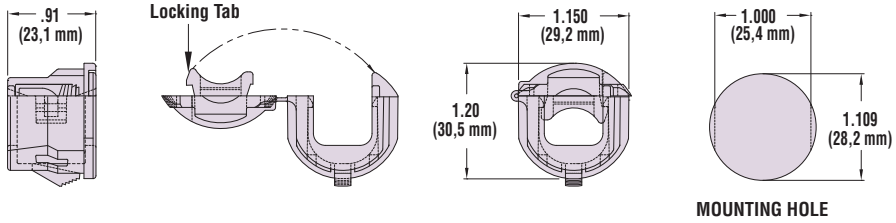
Heyco® RDD Lockit™ Strain Relief Bushings – Straight-Thru

Snap onto **Round Cables** for Faster Assembly into **Double D Mounting Holes** - *Semi-Automatic Equipment Available*
Fit 3/4˝ Electrical Knock-out Hole

- **Assembly friendly!** Independent of insertion into the panel, RDD Lockit™ Strain Reliefs **self-lock** onto the cable. Preassemble RDD Lockits off line for final assembly at a later time or remote location, for lower installed cost!
- Install easily with fingertip pressure into a standard round or Double D hole. No tools required, even for hand assembly.
- Protect the lifeline of your electric/ electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Double D design eliminates the possibility of part rotation under forces of twist.
- Multiple panel locking steps secure Lockit Strain Reliefs into a wide range of panel thicknesses for a **flush, finished fit.**
- Heyco's automated Pre-Assembly Equipment speeds assembly of the RDD onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.

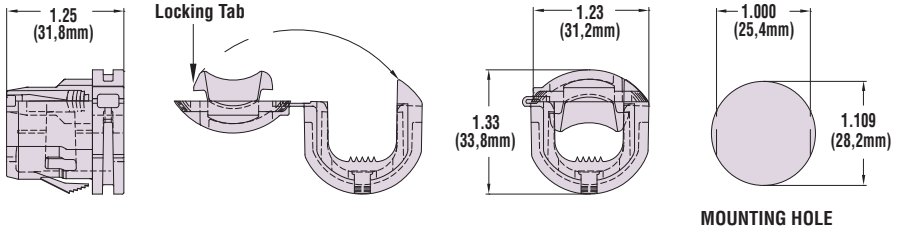
WILL FIT THESE CABLES				PANEL DIMENSIONS				RDD LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
See table on page 4-10	various	.525-.600	13,5-15,2	1.109 w/ 1.006 flats	28,2 w/ 25,4 flats	.063 .099 .126 .157 .187	1,6 2,5 3,2 4,0 4,8	**1868**	**1869**	RDD 501	2717	DD 1109-1000
See table on page 4-10	various	.600-.700	15,2-17,8	1.109 w/ 1.006 flats	28,2 w/ 25,4 flats	.063 .099 .126 .157 .187	1,6 2,5 3,2 4,0 4,8	**1802**	**1803**	RDD 601	2717	DD 1109-1000

Standard color black. Consult Heyco for white and other colors.



MOUNTING HOLE

RDD 501



MOUNTING HOLE

RDD 601

Material	Nylon 6/6
Certifications	Recognized under UL File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

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Heyco® Lockit™ RDD and ST Strain Relief Bushings

Table of UL Recognized Round Wire Types
For Use with Lockit™ Strain Reliefs for Round Cables

Mounting Hole Diameter →	.453″ x .512″ 11,5 x 13,0 mm	.689″ x .689″ 17,5 x 17,5 mm		.625″ (15,9 mm) Ø	Will Fit Electrical Knock-outs .875″ (22,2 mm) Ø			1.109″ (28,2 mm) Ø	
UL DIA. RANGE →	.220″ - .290″ 5,6 - 7,4 mm	.290″ - .360″ 7,4 - 9,1 mm	.355″ - .420″ 9,0 - 10,7 mm	.220″ - .290″ 5,6 - 7,4 mm	.290″ - .385″ 7,4 - 9,8 mm	.340″ - .430″ 8,6 - 10,9 mm	.420″ - .450″ 10,7 - 11,4 mm	.525″ - .600″ 13,3 - 15,2 mm	.600″ - .700″ 15,2 - 17,8 mm
LOCKIT →	**ST 101N***	**ST 201N***	**ST 301N***	**RDD 101**** RDD 101-7 RDD 101-90	**RDD 201**** RDD 201-2 RDD 201-90	**RDD 301**** RDD 301-2 RDD 301-90	**RDD 401**** RDD 401-2	**RDD 501****	**RDD 601****
UL TYPE									
S	X	X	X	X	X	X	X	X	X
SE	X	X	X	X	X	X	X	X	X
SEO	X	X	X	X	X	X	X	X	X
SEOO									X
SEOOW	X	X	X	X	X	X	X		X
SEOW	X	X	X	X	X	X	X		X
SJ	X	X	X	X	X	X	X	X	X
SJE								X	
SJEOOW	X	X	X	X	X	X	X		
SJEOW	X	X	X	X	X	X	X		
SJO	X	X	X	X	X	X	X	X	X
SJOO	X	X	X	X	X	X	X	X	X
SJOOW	X	X	X	X	X	X	X		
SJOW	X	X	X	X	X	X	X		
SJT								X	X
SJTEOOW	X	X	X	X	X	X	X		
SJTEOW	X	X	X	X	X	X	X		
SJTO	X	X	X	X	X	X	X	X	
SJTOO	X	X	X	X	X	X	X	X	
SJTOOW	X	X	X	X	X	X	X		
SJTOW	X	X	X	X	X	X	X		
SJTW	X	X	X	X	X	X	X		
SO	X	X	X	X	X	X	X	X	X
SOO	X	X	X	X	X	X	X	X	X
SOOW	X	X	X	X	X	X	X		
SOW	X	X	X	X	X	X	X		
SRDT									X
ST									X
STO								X	X
STOO								X	X
STOOW									X
STOW									X
SV	X	X	X	X	X	X	X		
SVE	X	X	X	X	X	X	X		
SVEO	X	X	X	X	X	X	X		
SVO	X	X	X	X	X	X	X		
SVOO	X	X	X	X	X	X	X		

Consult Heyco for UL Type designations not shown.
* UL approved for Cable Diameter Range.
** UL approved for Cable Diameter Range and Type.

HEYCO

Heyco® RDD Lockit™ Strain Relief Bushings – Straight-Thru

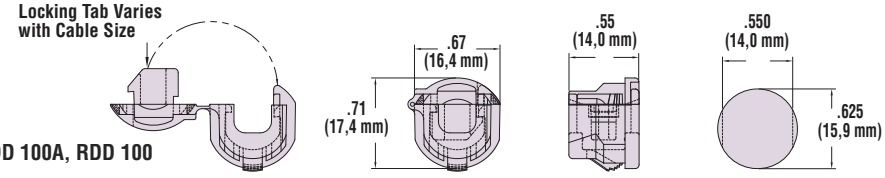
Snap onto **Flat Cables** for Faster Assembly into **Double D Mounting Holes** - *Semi-Automatic Equipment Available*

- **Assembly friendly!** Independent of insertion into the panel, RDD Lockit™ Strain Reliefs **self-lock** onto the cable. Preassemble RDD Lockits off line for final assembly at a later time or remote location, for lower installed cost!
- Install easily with fingertip pressure into a standard round or Double D hole. No tools required, even for hand assembly.
- Protect the lifeline of your electric/ electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Double D design eliminates the possibility of part rotation under forces of twist.
- Multiple panel locking steps secure Lockit Strain Reliefs into a wide range of panel thicknesses for a **flush, finished fit.**
- Heyco's automated Pre-Assembly Equipment speeds assembly of the RDD onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- **For Quick Specs see page 4-12**.

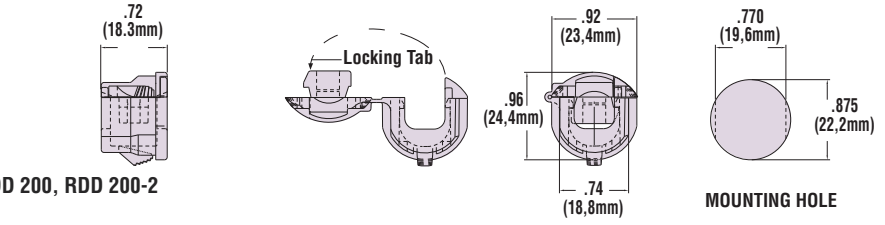
WILL FIT THESE CABLES				PANEL DIMENSIONS				RDD LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
SPT-1	18/2 18/3	.105 x .222 .116 x .315	2,7 x 5,6 2,9 x 8,0	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1872**	**1873**	RDD 100A	2497	DD 625-550
SPT-2, HPN	18/2 18/3 16/3	.116 x .315 .160 x .300	2,9 x 8,0 4,1 x 7,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1874**	**1875**	RDD 100	2497	DD 625-550
HPN	18/3 16/3	.15 x .34 .16 x .37	3,8 x 8,6 4,1 x 9,4	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1878**	**1879**	RDD 200	2509	DD 875-770
SPT-2	18/3 16/3	.15 x .40 .16 x .41	3,8 x 10,2 4,1 x 10,4									
SPT-3	18/2 18/3 16/2 16/3 14/2	.19 x .35 .19 x .39 .20 x .37 .20 x .43 .24 x .42	4,8 x 8,9 4,8 x 9,9 5,1 x 9,4 5,1 x 10,9 6,1 x 10,7									
Same as RDD 200 above except →						.078 .140	2,0 3,4	**1876**	**1877**	RDD 200-2*	2509	DD 875-770
Same as RDD 200 above except →				1.109 w/ 1.006 flats	28,2 w/ 25,4 flats	.063 .099 .126 .157 .187	1,6 2,5 3,2 4,0 4,8	**1798**	**1799**	RDD 510	2717	DD 1109-1000

Standard color black. Consult Heyco for white and other colors.
*Designed for cast or other mounting holes with rounded edges.

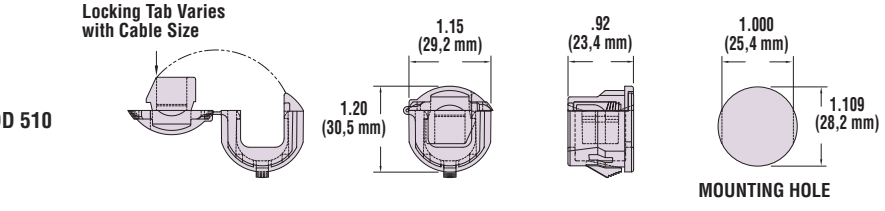
RDD 100A, RDD 100



RDD 200, RDD 200-2



RDD 510



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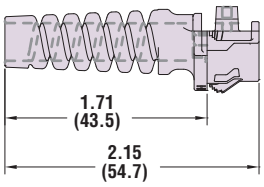
HEYCO

Heyco® RDD Lockit™ Strain Relief Bushings – Pigtail™

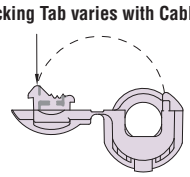
Snap onto **Flat or Round Cables** for Faster Assembly into **Double D Mounting Holes** - *Semi-Automatic Equipment Available*

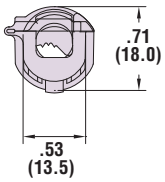
WILL FIT THESE CABLES				PANEL DIMENSIONS				RDD LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
For Flat Cables												
SPT-1	18/2 18/3	.105 x .222 .116 x .315	2,7 x 5,6 2,9 x 8,0	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1769**	**1770**	RDD 100A-7	2497	DD 625-550
SPT-2, HPN	18/2 18/3 16/3	.116 x .315 .160 x .300	2,9 x 8,0 4,1 x 7,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1771**	**1772**	RDD 100-7	2497	DD 625-550
For Round Cables												
See table on page 4-10	various	.220-.290	5,6 x 7,4	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1773**	**1774**	RDD 101-7	2497	DD 625-550

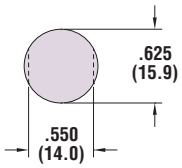
Standard color black. Consult Heyco for white and other colors.



RDD 100A-7, RDD 100-7, RDD 101-7







MOUNTING HOLE

- **Integral nylon spring eases the cable into a lazy bend**; prevents kinking and assures longest cable and product life.
- Designed to pass CSA's 50,000 cycle vacuum cleaner test (C22.2 No. 67) and UL's 859 specification for Household Electric Personal Grooming Appliances Cord Flexing Test.
- Assembly friendly! Independent of insertion into the panel, RDD Lockit™ Strain Reliefs self-lock onto the cable. Preassemble RDD Lockits off line for final assembly at a later time or remote location, for lower installed cost!
- Install easily with fingertip pressure into a standard round or Double D hole. No tools required, even for hand assembly.
- Protect the lifeline of your electric/ electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Double D design eliminates the possibility of part rotation under forces of twist.
- Multiple panel locking steps secure Lockit Strain Reliefs into a wide range of panel thicknesses for a **flush, finished fit.**
- Heyco's automated Pre-Assembly Equipment speeds assembly of the RDD onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

Heyco® RDD Lockit™ Strain Relief Bushings – Right Angle

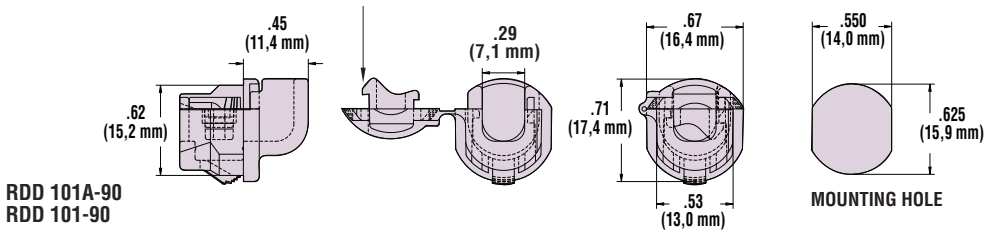
Snap onto **Round Cables** for Faster Assembly into **Double D Mounting Holes** - *Semi-Automatic Equipment Available*

- **Right Angle design eases the cable into the bend**, prevents kinking and assures longest cable and product life.
- Assembly friendly! Independent of insertion into the panel, RDD Lockit™ Strain Reliefs self-lock onto the cable. Preassemble RDD Lockits off line for final assembly at a later time or remote location, for lower installed cost!
- Install easily with fingertip pressure into a standard round or Double D hole. No tools required, even for hand assembly.
- Protect the lifeline of your electric/electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Double D design eliminates the possibility of part rotation under forces of twist.
- Multiple panel locking steps secure Lockit Strain Reliefs into a wide range of panel thicknesses for a **flush, finished fit.**
- Heyco's automated Pre-Assembly Equipment speeds assembly of the RDD onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.

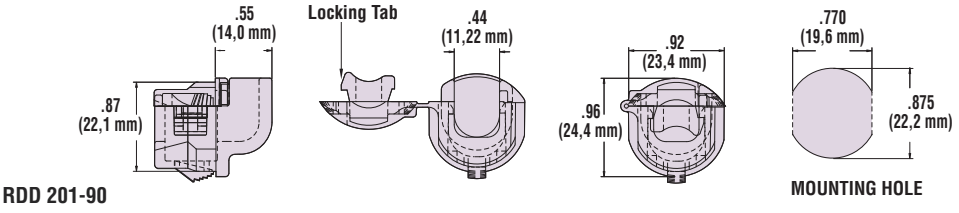
WILL FIT THESE CABLES				PANEL DIMENSIONS				RDD LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
AWM, SJTO & SJ	18/3	.130-.210	3,3-5,3	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1816**	**1817**	RDD 101A-90	2497	DD 625-550
See table on page 4-10	various	.220-.290	5,6-7,4	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1818**	**1819**	RDD 101-90	2497	DD 625-550
See table on page 4-10	various	.290-.385	7,4-9,8	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1820**	**1821**	RDD 201-90	2509	DD 875-770
See table on page 4-10	various	.340-.430	8,6-10,9	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063 .099 .126 .157	0,8 1,6 2,5 3,2 4,0	**1824**	**1825**	RDD 301-90	2509	DD 875-770

Standard color black. Consult Heyco for white and other colors.

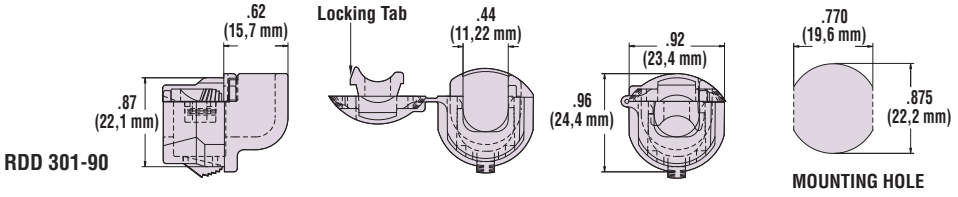
Locking Tab varies with Cable Size



RDD 101A-90
RDD 101-90



RDD 201-90



RDD 301-90

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C).

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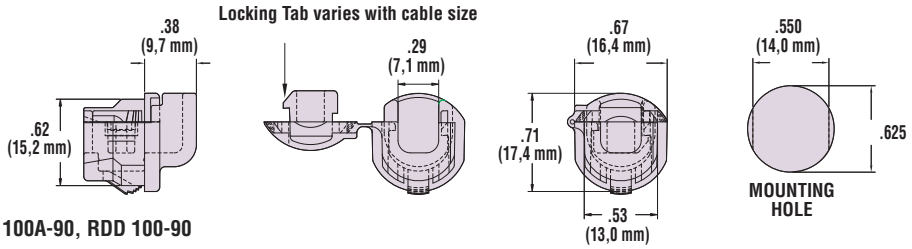
HEYCO

Heyco® RDD Lockit™ Strain Relief Bushings – Right Angle

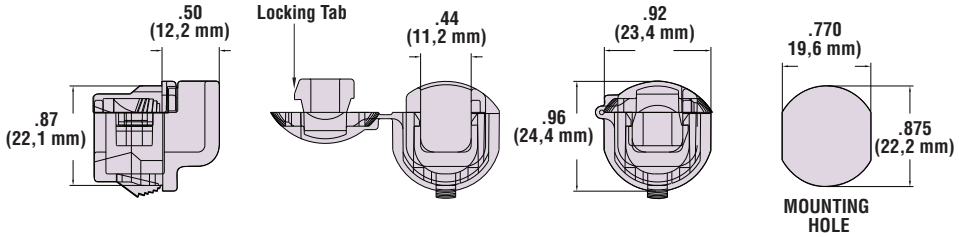
Snap onto **Flat Cables** for Faster Assembly into **Double D Mounting Holes** - *Semi-Automatic Equipment Available*

WILL FIT THESE CABLES				PANEL DIMENSIONS				RDD LOCKIT STRAIN RELIEF for Faster Assembly			Corresponding Mounting Hole Plug	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		PART NO.		DESC.	PART NO.	DESC.
		in.	mm.	in.	mm.	in.	mm.	Black	White			
SPT-1	18/2 18/3	.105 x .222 .116 x .315	2,7 x 5,6 2,9 x 8,0	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1806**	**1807**	RDD 100A-90	2497	DD 625-550
SPT-2, HPN	18/2 18/3 16/3	.116 x .315 .160 x .300	2,9 x 8,0 4,1 x 7,6	.625 w/ .550 flats	15,9 w/ 14,0 flats	.032 .040 .048 .063 .099	0,8 1,1 1,2 1,6 2,5	**1808**	**1809**	RDD 100-90	2497	DD 625-550
HPN	18/3 16/3	.15 x .34 .16 x .37	3,8 x 8,6 4,1 x 9,4									
SPT-2	18/3 16/3	.15 x .40 .16 x .41	3,8 x 10,2 4,1 x 10,4	.875 w/ .770 flats	22,2 w/ 19,6 flats	.032 .063	0,8 1,6	**1810**	**1811**	RDD 200-90	2509	DD 875-770
SPT-3	18/2 18/3 16/2 16/3 14/2	.19 x .35 .19 x .39 .20 x .37 .20 x .43 .24 x .42	4,8 x 8,9 4,8 x 9,9 5,1 x 9,4 5,1 x 10,9 6,1 x 10,7			.099 .126 .157	2,5 3,2 4,0					

Standard color black. Consult Heyco for white and other colors.



RDD 100A-90, RDD 100-90



RDD 200-90

- **Right Angle design eases the cable into the bend**, prevents kinking and assures longest cable and product life.
- Assembly friendly! Independent of insertion into the panel, RDD Lockit™ Strain Reliefs self-lock onto the cable. Preassemble RDD Lockits off line for final assembly at a later time or remote location, for lower installed cost!
- Install easily with fingertip pressure into a standard round or Double D hole. No tools required, even for hand assembly.
- Protect the lifeline of your electric/ electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord. Double D design eliminates the possibility of part rotation under forces of twist.
- Multiple panel locking steps secure Lockit Strain Reliefs into a wide range of panel thicknesses for a **flush, finished fit.**
- Heyco's automated Pre-Assembly Equipment speeds assembly of the RDD onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome. See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C).

Quick Specs

HEYCO

Reduce risk of carpal tunnel syndrome!

Heyco® Lockit™ Strain Relief Pre-Assembly Equipment

Pre-Assembly Equipment for Heyco Assembly-Friendly Lockit Series Strain Reliefs:
RDD Lockits – for Double D and Round Mounting Holes.
ST Lockits – for Rectangular Mounting Holes.
Pre-Assemble Lockits onto cable for faster final assembly!

Watch this equipment in action at www.Heyco.com

Click on our Strain Relief Bushings Section and then the video Evolution of the Heyco Strain Relief Bushing in the upper left square.

A

A Headlock™ for RDD and ST Lockits

Assembly head for RDD and ST Lockit Strain Reliefs. Simply place a Lockit Strain Relief into the U opening of the assembly head. Then place the cable into the bushing body and close the head to secure the Lockit™ Strain Relief permanently onto the wire.
This completed sub-assembly can then be installed with fingertip pressure into the application's mounting hole–at a later time, in a different place, for lower installed cost!

B

B FootLock™

Assembly machine for RDD and ST Lockit Strain Reliefs. This foot-pedal activated assembly machine is identical to Autolock™, except that the gravity fed track is loaded by hand instead of by a vibratory bowl.

C Autolock™ Semi-Automatic

Assembly machine for RDD and ST Lockit Strain Reliefs. Suitable for high volume production runs where batched sub-assemblies are desirable. Includes vibratory feeder bowl, track and head. The operator simply inserts the cable into the assembly head slot, then presses the foot pedal to secure the Strain Relief permanently onto the wire. This completed sub-assembly can be installed with fingertip pressure into the application's mounting hole–at a later time, in a different place, for lower installed cost!

Equipment for European requirements (motor power ratings and shielding) available, consult Heyco.

C

NEW!

D RDD Lockit™ Guillotine - *for fastest final assembly!*

Optional guillotine type cutting attachment (not pictured) for the RDD Footlock™ and Autolock™ application equipment. The Lockit™ Guillotine removes the RDD hinge after attachment to the cable, thus reducing the clearance required for easy installation of the RDD/cable assembly, into the panel.

For Part No. and ordering, please consult Heyco.

For Lockit Strain Relief Hand Pliers see page 4-16.

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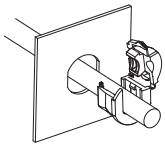
HEYCO

Heyco® Lockit™ Strain Relief Pre-Assembly Equipment Directory

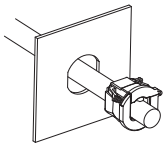
TO ASSEMBLE Lockit™ Strain Relief Series	Catalog Page Ref.	USE THE FOLLOWING PART NOS. Hand Pliers	A Headlock	B Footlock	C Autolock	C† Eurolock
RDD Lockits						
RDD 100, RDD 100A RDD 101, RDD 101A	4-11 4-7	0026	ST16	ST14, ST14E†	ST13	ST13E
RDD 100-90, RDD 100A-90 RDD 101-90, RDD 101A-90 RDD 100-7, RDD 100A-7 RDD 101-7	4-14 4-13 4-12 4-12	0026	*	*	*	*
RDD 200, RDD 200-2 RDD 201, RDD 201-2 RDD 301, RDD 301-2 RDD 401, RDD 401-2	4-11 4-8 4-8 4-8	0027	ST17	ST19	ST18	*
RDD 200-90 RDD 201-90 RDD 301-90	4-14 4-13 4-13	0027	ST17-90	ST19-90	*	*
RDD 501 RDD 510	4-9 4-11	**	ST20	ST27	ST26	*
RDD 601	4-9	**	ST31	ST34	*	*
RDD 6N-2	4-7	**	ST32	ST33	*	*
ST Lockits						
ST 100L	4-6	0023	ST12	ST11	ST10	*
ST 100N ST 101N	4-6 4-5	0020	0ST1	0ST4	0ST3	0ST3E
ST 101A	4-31	0025	ST15	0ST0	0ST6	*
ST 200N ST 201N, ST 301N	4-6 4-5	0073	0ST7	0ST9	0ST8	*

† ST14E guarding meets European standards.
Eurolock **ST13E** and **0ST3E** have a 230V 50/60 Hz rated motor.
*Consult Heyco for availability.
**Headlock, Footlock or Autolock required due to cable thickness.

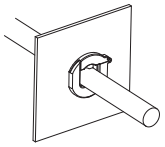
To use Hand Pliers with Lockit™ Strain Reliefs:



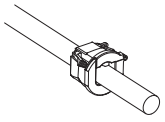
Position on Wire



Squeeze Pliers



Push into Double D (RDD) or Rectangular (ST) Mounting Hole



or Set Aside for Future Final Assembly

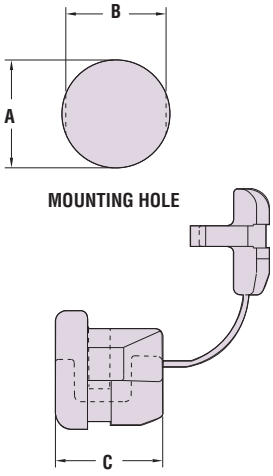
Part No. 0020
(R 100)

HEYCO

Heyco® Original Strain Relief Bushings

Straight-Thru for Flat Cables
.375˝ (9,5 mm) to .500˝ (12,7 mm) Mounting Holes

- **Protects the lifeline of your electric/ electronic products** by absorbing the forces of pull, push, and twist that may be exerted on the flexible power cord.
- Securely anchors, insulates, and protects cable at panel entry points.
- Sizes for thin .040˝ (1,0 mm) panel available: SR 4A-6 & SR 3A-4. See charts for details.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.



WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.		Mounting Hole Plug
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		Black		C BODY LENGTH		
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	PART NO.
300 OHM†	20/2 22/2	.06 x .40	1,5 x 10,2	.375	9,5	.625- .640	15,9- 16,3	.100	2,5	**1814**	SR 302-1**	.469	11,9	consult Heyco
SPT-1	18/2 18/3	.12 x .30	3,0 x 7,6	.375 .390	9,5 9,9									
SPT-2	18/2 18/3	.15 x .40	3,8 x 10,2	.415 .422	10,5 10,7									
	16/2 16/3	.16 x .41	4,1 x 10,4	.422 .437	10,7 11,1									
Same as SR 302-1 above except →								.156	4,0	**1804**	SR 300-1	.469	11,9	consult Heyco
CLOCK, X & XT	20/2	.09 x .18	2,3 x 4,6	.375	9,5	.345	8,8	.062	1,6	**1017**	SR 2P-4	.406	10,3	2617
SPT-1	18/2	.11 x .21	2,8 x 5,3											
Same as SR 2P-4 above except →								.125	3,2	**1034**	SR 2L-1	.406	10,3	2617
SPT-1	18/2	.12 x .22	3,0 x 5,6	.437	11,1	.390	9,9	.040 ***	1,0	**1074**	SR 3A-4	.406	10,3	2488
Same as SR 3A-4 above except →								.062 .100	1,6 2,5	**1077** **1104**	SR 3P-4 SR 3W-1	.406	10,3	2488
								.156	4,0	**1094**	SR 3L-1	.406	10,3	consult Heyco
SPT-1, SPT-2 & HPN	18/2	.12 x .22	3,0 x 5,6	.500	12,7	.445	11,3	.100	2,5	**1130**	SR 4P-4	.440	11,2	2491
SPT-1	18/3	.12 x .30	3,0 x 7,6	.500	12,7	.445	11,3	.062	1,6	**1120**	SR 4N-4	.406	10,3	2491
SPT-2 & HPN	18/2	.15 x .28	3,8 x 7,1											
Same as SR 4N-4 above except →								.100 .156	2,5 4,0	**1117** **1127**	SR 4K-4 SR 4L-4	.406 .406	10,3 10,3	2491 consult Heyco
SPT-1	18/3	.12 x .30	3,0 x 7,6	.500	12,7	.460	11,7	.095	2,4	**1114**	SR 4K-1	.500	12,7	2491
SPT-2 & HPN	18/2	.15 x .28	3,8 x 7,1											
HPN	18/3	.15 x .34	3,8 x 8,6	.500- .515	12,7- 13,1									
SPT-2 HPN	16/2	.16 x .30	4,1 x 7,6											
Same as SR 4K-1 above except →								.187	4,7	**1124**	SR 4L-1	.500	12,7	consult Heyco

Standard color black. Consult Heyco for white and other colors.
†Wire is not UL/CSA approved.
* Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.
**Use Elongated Mounting Hole.
***To install Strain Reliefs for .040˝ (1,0 mm) Maximum Panel Thickness use Part No. **0021** (No. R 291) Hand Pliers.

*To install strain reliefs for .040˝ (1,0 mm) maximum panel thickness, use **Part #0021** (No. R 291) Hand Pliers.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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HEYCO

Heyco® Original Strain Relief Bushings

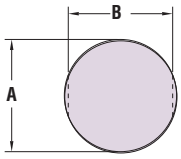
Straight-Thru for Flat Cables
.562˝ (14,3 mm) to .875˝ (22,2 mm) Mounting Holes

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.		Mounting
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		Black		C BODY LENGTH		Hole Plug
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	PART NO.
SPT-2	18/3	.15 x .40	3,8 x 10,2	.562	14,3	.530	13,5	.125	3,2	**1174**	SR 5W-1	.609	15,5	2494
	16/3	.16 x .41	4,1 x 10,4											
HPN	16/2	.16 x .37	4,1 x 9,4											
	16/3	.16 x .42	4,1 x 10,5											
SPT-3	18/2	.19 x .35	4,8 x 8,9											
	16/2	.20 x .37	5,1 x 9,4											
SPT-2	18/3	.15 x .40	3,8 x 10,2	.562	14,3	.530	13,5	.062	1,6	**1170**	SR 5KN-4	.609	15,5	2494
SPT-2 & HPN	16/3	.16 x .41	4,1 x 10,4											
Same as SR 5KN-4 above except →								.125	3,2	**1167**	SR 5K-4	.609	15,5	2494
SPT-2	18/3	.15 x .40	3,8 x 10,2	.560	14,2	.730	18,5	.125	3,2	**1484**	SR 30-1**	.672	17,1	consult Heyco
	16/3	.16 x .41	4,1 x 10,4											
SPT-3	18/2	.19 x .35	4,8 x 8,9											
	18/3	.19 x .39	4,8 x 9,9											
	16/2	.20 x .37	5,1 x 9,4											
	16/3	.20 x .43	5,1 x 10,9											
SPT-2	18/3	.15 x .40	3,0 x 7,6	.625	15,9	.550	14,0	.062	1,6	**1160**	SR 6N4-4	.578	14,7	2497
	16/3	.16 x .41	4,1 x 10,4											
Same as SR 6N4-4 above except →								.125	2,5	**1163**	SR 6P4-4	.578	14,7	2497
SPT-3	16/2	.20 x .37	5,1 x 9,4	.750	19,0	.875	22,2	.125	3,2	**1504**	SR 33-1**	.781	19,8	consult Heyco
	16/3	.20 x .43	5,1 x 10,9											
	14/2	.24 x .42	6,1 x 10,7											
	14/3	.24 x .42	6,1 x 12,9											
Fit 1/2˝ Electrical Knock-out Hole														
SPT-3	14/2	.24 x .42	6,1 x 10,7	.875	22,2	.840	21,3	.125	3,2	**1517**	SR 34-2	.813	20,7	2509
	14/3	.24 x .51	6,1 x 12,9											
	12/2	.29 x .51	7,4 x 12,9											
	12/3	.29 x .65	7,4 x 16,5											
SPT-3	12/3	.32 x .65	8,1 x 16,5	.875	22,2	.835	21,2	.125	3,2	**1497**	SR 31-2	.812	20,6	2509
	10/3													

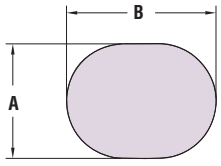
Standard color black. Consult Heyco for white and other colors.
* Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.
**Use Elongated Mounting Hole.

- **Protects the lifeline of your electric/electronic products** by absorbing the forces of pull, push, and twist that may be exerted on the flexible power cord.
- Securely anchors, insulates, and protects cables at panel entry points.
- Consult Heyco for other wire types and sizes.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- See pages 4-27 & 4-28 for SR assembly tools.

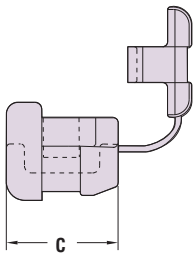
DOUBLE D MOUNTING HOLE



ELONGATED MOUNTING HOLE



ELONGATED MOUNTING HOLE



Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

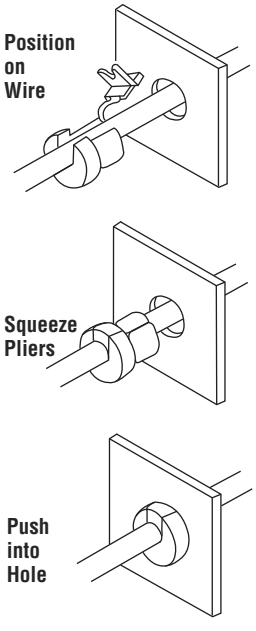
Quick Specs

HEYCO

Heyco® Original Strain Relief Bushings

Straight-Thru for Round Cables
.375˝ (9,5 mm) to .500˝ (12,7 mm) Mounting Holes

- **Protects the lifeline of your electric/electronic products** by absorbing the forces of pull, push, and twist that maybe exerted on the flexible power cord.
- Securely anchors, insulates, and protects cables and panel entry points.
- Sizes SR 2-Series to SR 6-Series for mounting hole diameters from .375˝ (9,5 mm) to .500˝ (12,7 mm).
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- See pages 4-27 & 4-28 for SR assembly tools.
- **See schematic on page 4-20.**



WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.		Mounting Hole Plug
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		Black		C BODY LENGTH		
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	PART NO.
AWM	12/-	.125-.187	3,2-4,8	.375	9,5	.330	8,4	.062	1,6	**1060**	SR 2M-1	.406	10,3	2617
SV & SVT	18/2	.220-.245	5,6-6,2	.500	12,7	.450	11,4	.062	1,6	**1157**	SR 5MN-3	.438	11,1	2491
Same as SR 5MN-3 above except →								.100	2,5	**1140**	SR 5M-3	.438	11,1	2491
For custom interlock cable, not UR		.250	6,4	.560	14,2	.730	18,5	.125	3,2	**1487**	SR 30-1A**	.672	17,1	consult Heyco
		.265	6,7	.560	14,2	.730	18,5	.125	3,2	**1490**	SR 30-1B**			
SV & SVT	18/2	.250	6,4	.500	12,7									
	18/3	.255	6,5	.500-.515	12,7-13,1									
HPD	18/2	.270	6,9	.500	12,7	.450	11,4	.062	1,6	**1150**	SR 5N-4	.438	11,1	2491
	16/2	.290	7,4	.500-.515	12,7-13,1									
SJT	18/2	.300	7,6	.531	13,5									
Same as SR 5N-4 above except →								.100	2,5	**1147**	SR 5P-4	.438	11,1	2491
								.156	4,0	**1154**	SR 5L-1	.438	11,1	consult Heyco
SV & SVT	18/2	.255	6,5	.500	12,7	.450	11,4	.100	2,5	**1137**	SR 5P3-4	.438	11,1	2491
	18/3	.270	6,9											
HPD	18/2	.290	7,4											
SJ, SJT & SJO	18/2	.300	7,6	.500	12,7	.465	11,8	.090	2,3	**1184**	SR 6W-1	.438	11,1	2491
SPT-3	16/2													

Standard color black. Consult Heyco for white and other colors.
*Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.
**Use Elongated Mounting Hole.

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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HEYCO

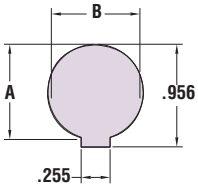
Heyco® Original Strain Relief Bushings

Straight-Thru for Round Cables
.625˝ (15,9 mm) to .750˝ (19,0 mm) Mounting Holes

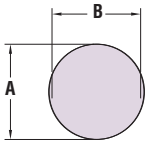
WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.		Mounting
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		Black		C BODY LENGTH		Hole Plug
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	PART NO.
SJ, SJT & SJO	18/2	.300	7,6	.625	15,9	.550	14,0	.062	1,6	**1217**	SR 6N-4	.578	14,7	2497
Same as SR 6N-4 above except →								.125	3,2	**1210**	SR 6P-4	.578	14,7	2497
SJT	18/3	.300-.330	7,6-8,4	.625	15,9	.550	14,0	.062	1,6	**1197**	SR 6N2-4	.578	14,7	2497
SJ, SJT & SJO	16/2	.325	8,3	.625	15,9	.550	14,0	.062	1,6	**1200**	SR 6N3-4	.578	14,7	2497
	18/3	.330	8,4											
	14/2	.350	8,9											
	16/3	.355	9,0											
	18/4	.360	9,1											
Same as SR 6N3-4 above except →								.125	3,2	**1207**	SR 6P3-4	.578	14,7	2497
S & ST	18/2	.390	9,9	.625	15,9	.550	14,0	.062	1,6	**1202**	SR 6N5-4	.578	14,7	2497 NEW!
	18/3 16/2	.405	10,3											
Same as SR 6N5-4 above except →								.125	3,2	**1204**	SR 6P5-4	.578	14,7	2497 NEW!
SJ, SJT & SJO	18/2	.300	7,6	.625	15,9	.550	14,0	.156	4,0	**1214**	SR 6L-1	.678	17,2	consult Heyco
	16/2	.325	8,3	.656	16,7									
	18/3	.330	8,4	.656	16,7									
	16/3	.355	9,0	.687	17,4									
HPD	16/3	.355	9,0	.687	17,4									
SJT	18/4	.360	9,1	.750	19,0	.660	16,8	.062	1,6	**1244**	SR 7N-2	.750	19,1	2503
	14/3	.370	9,4											
S & ST	18/2	.390	9,9											
	18/3	.405	10,3											
	16/2	.405	10,3											
	16/3	.430	10,9	.750-.781	19,0-19,8									
Same as SR 7N-2 above except →								.125	3,2	**1237**	SR 7P-2	.750	19,1	2503

Standard color black. Consult Heyco for white and other colors.
*Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.

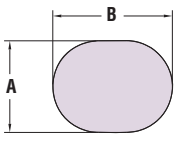
- **Protects the lifeline of your electric/ electronic products** by absorbing the forces of pull, push, and twist that may be exerted on the flexible power cord.
- Securely anchors, insulates, and protects cables at panel entry points.
- Sizes SR 6-Series to SR 7-Series for mounting hole diameters from .625˝ (15,9 mm) to .781˝ (19,8 mm).
- Sizes for thin .062˝ (1,6 mm) panel available: SR 7N-2
  See chart for details.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.
- **See page 4-19 for Quick Specs.**



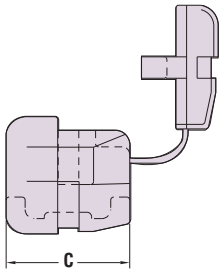
FOR SR-7KR-2 ONLY



STANDARD MOUNTING HOLES



ELONGATED MOUNTING HOLE



HEYCO

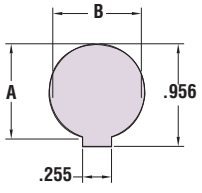
Heyco® Original Strain Relief Bushings

Straight-Thru for Round Cables
.875″ (22,2 mm) to 1.187″ (30,1 mm) Mounting Holes
Fit 1/2″ or 3/4″ Electrical Knock-out Hole Sizes

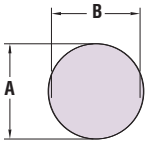
- **Protects the lifeline of your electric/ electronic products** by absorbing the forces of pull, push, and twist that may be exerted on the flexible power cord.
- Securely anchors, insulates, and protects cables at panel entry points.
- Sizes SR 7-Series to SR 9-Series for mounting hole diameters from .875″ (22,2 mm) to 1.187″ (28,6 mm).
- Sizes for thin .062″ (1,6 mm) panel available:
  SR 8N-2
  See chart for details.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.
- **See page 4-19 for Quick Specs.**

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.		Mounting
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		Black		C BODY LENGTH		Hole Plug
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	PART NO.
SJ, SJT & SJO	16/2 18/3 14/2 16/3 18/4	.325 .330 .350 .355 .360	8,3 8,4 8,9 9,0 9,1	.875	22,2	.770	19,6	.125	3,2	**1240**	SR 7K-2	.750	19,1	2509
Same as SR 7K-2 above except → **See Schematic**								.125	3,2	**1271**	SR 7KR-2	.750	19,1	2509
SJT	14/3 12/3	.370 .425	9,4 10,8	.875	22,2	.770	19,6	.125	3,2	**1247**	SR 7W-2	.750	19,1	2509
S, SO, & ST	18/2 18/3 16/2 16/3	.390 .405 .405 .430	9,9 10,3 10,3 10,9											
Same as SR 7W-2 above except →								.200	5,1	**1250**	SR 7L-2	.750	19,1	consult Heyco
SJT	12/3	.425- .475	10,8- 12,1	.875	22,2	.840	21,3	.125	3,2	**1497**	SR 31-2	.812	20,6	2509
S & ST	14/2 14/3 12/2	.530 .560 .600	13,5 14,2 15,3	.875	22,2	.840	21,3	.062	1,6	**1254**	SR 8N-2	.828	21,0	2509
Same as SR 8N-2 above except →								.125 .187	3,2 4,8	**1260** **1274**	SR 8P-2 SR 8L-1	.812 .812	20,6 20,6	2509 consult Heyco
S	12/2 12/3 10/2	.600 .635 .640	15,2 16,1 16,3	1.093 1.125 1.093	27,7 28,6 27,7	1.000	25,4	.281	7,1	**1287**	SR 9P-2	1.000	25,4	2717
S, SO & ST	10/3	.690	17,5	1.187	30,2									
SRDT	12/4													

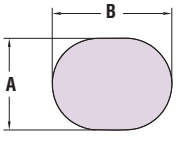
Standard color black. Consult Heyco for white and other colors.
*Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.



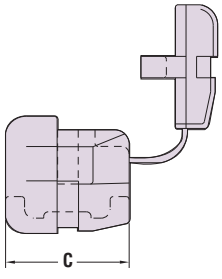
FOR SR-7KR-2 ONLY



STANDARD MOUNTING HOLES



ELONGATED MOUNTING HOLE



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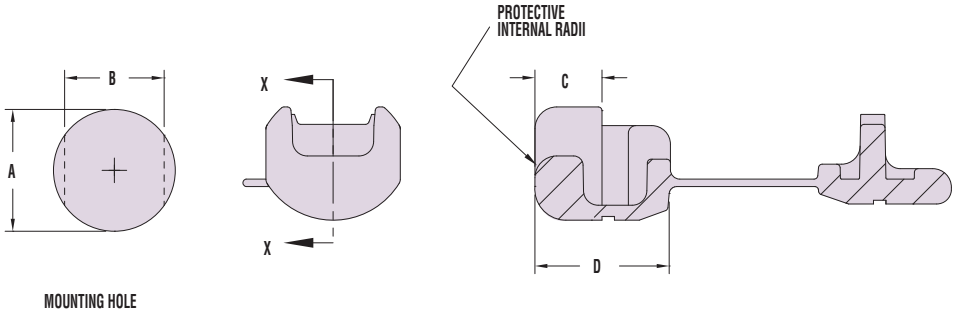
HEYCO

Heyco® Original Strain Relief Bushings

Internal Radii for Flat Cables
.500″ (12,7 mm) Mounting Holes

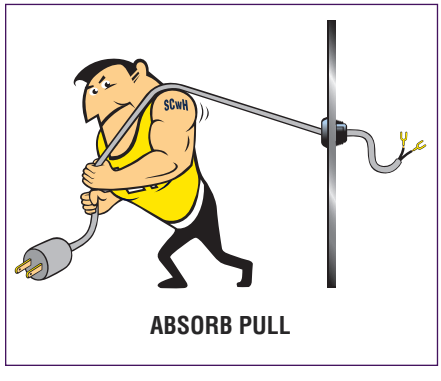
WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESC.	PART DIMENSIONS				Mounting Hole Plug
				A		B		Finished				C		D		
UL Type	AWG/ Conds.	Approximate Size		Mounting Hole Dia.		To Prevent Rotation		Fit Panel Thickness*		Black		Head Length		Body Length		
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.	Part No.
SPT-1	18/3	.12 x .30	3,0 x 7,6	.500	12,7	.465	11,8	.040	1,0	**1181**	SR 4A-6	.270	6,9	.546	13,9	2491
SPT-2 & HPN	18/2	.15 x .28	3,8 x 7,1													
SPT-1	18/3	.12 x .30	3,0 x 7,6	.500	12,7	.465	11,8	.062	1,6	**1187**	SR 4N-6	.270	6,9	.546	13,9	2491
SPT-2 & HPN	18/2	.15 x .28	3,8 x 7,1													
	16/2	.16 x .30	4,1 x 7,6	.515	13,1											
Same as SR 4N-6 above except →								.100	2,5	**1190**	SR 4K-6	.270	6,9	.546	13,9	2491

Standard color black. Consult Heyco for white and other colors.
* Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.

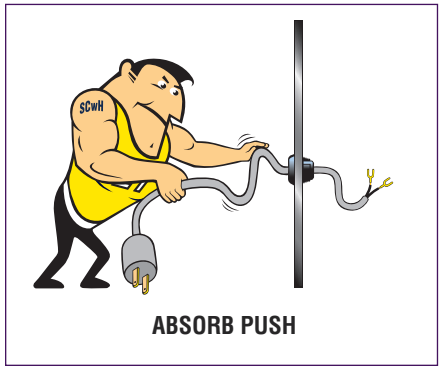


MOUNTING HOLE

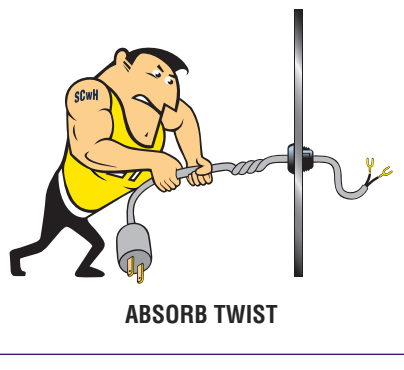
- Extra body length with **flex-protecting** internal radii.
- Wider approved wire range than typical 4-series Strain Reliefs; SR 4A-6 features a 1,0 mm locking slot for Thin Panels.
- Absorb forces of pull, push, and twist, to protect the electrical lifeline of your application.
- For maximum flex protection, see Bell-Mouth and Pigtail Strain Reliefs on pages 4-23 and 4-24.
- Securely anchors, insulates and protects cables at panel entry points.
- To assemble SR 4A-6 use **Part No. 0021** R 291 Pliers, designed for .040″ (1,0 mm) panel thickness, or semi-automated equipment.
- To assemble SR 4N-6 and SR 4K-6, use **Part No. 0022** R 29 Pliers, or semi-automated equipment.
  See pages 4-27 thru 4-29 for details.
- Use Mounting Holes Plug **Part No. 2491** to standardize panel design where the Strain Relief is not required.



ABSORB PULL



ABSORB PUSH



ABSORB TWIST

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

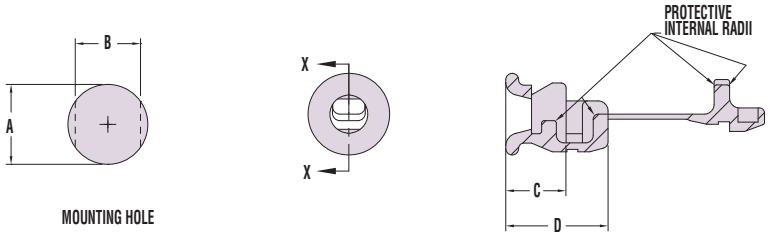
Heyco® Original Strain Relief Bushings

Bell-Mouth for Flat and Round Cables

- **Flared trumpet exit eases the cable into a lazy bend**, prevents sharp bending, and assures longer cable and product life.
- Protects the lifeline of your electric/electronic products by absorbing the forces of pull, push, twist, and flex.
- Securely anchors, insulates, and protects cable at panel entry points.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART	DESC	PART DIMENSIONS				Mounting
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		NO. Black		C HEAD LENGTH		D BODY LENGTH		Hole Plug
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.	PART NO.
For Flat Cables																
CLOCK, X & XT	20/2	.09x.18	2,3x4,6	.375	9,5	.330	8,4	.062	1,6	**1020**	SR 2P-5	.375	9,5	.625	15,9	consult Heyco
SPT-2	18/2	.11x.21	2,8x5,3													
SPT-1	18/2	.12x.22	3,0x5,6	.437	11,1	.390	9,9	.062	1,6	**1080**	SR 3P-5	.375	9,5	.625	15,9	2488
SPT-1	18/3	.12x.30	3,0x7,6	.500	12,7	.465	11,8	.062	1,6	**1108**	SR 4N-5	.406	10,3	.703	17,9	2491
SPT-2 & HPN	18/2	.15x.28	3,8x7,1													
	16/2	.16x.30	4,1x7,6	.500 .515	12,7 13,1											
HPN	18/3 16/2	.15x.34 .16x.37	3,8x8,6 4,1x9,4	.625	15,9	.550	14,0	.125	3,2	**1229**	SR 6K-5	.421	10,7	.813	20,7	2497
SPT-2	16/2 16/3	.16x.30 .16x.41	4,1x7,6 4,1x10,4													
For Round Cables																
SV & SVT	18/2	.250	6,3	.500	12,7	.450	11,4	.062	1,6	**1143**	SR 5N-5	.406	10,3	.688	17,5	2491
	18/3	.255	6,5	.500-.515	12,7-13,1											
HPD	18/2	.270	6,9	.500	12,7											
	16/2	.290	7,4	.500-.515	12,7-13,1											
SJ & SJT	18/2	.300	7,6	.531	13,5											
SJ, SJO & SJT	18/2	.300	7,6	.625	15,9	.550	14,0	.125	3,2	**1226**	SR 6P-5	.421	10,7	.813	20,7	2497
	16/2 18/3	.315 .320	8,0 8,1	.625	15,9	.550	14,0	.125	3,2	**1232**	SR 6P2-5					
SJ	14/2	.320	8,1													
SJ, SJO & SJT	16/2 18/3 14/2 16/3 18/4	.325 .330 .350 .355 .360	8,2 8,4 8,9 9,0 9,1	.625	15,9	.550	14,0	.062	1,6	**1223**	SR 6N3-5	.421	10,7	.813	20,7	2497
Same as SR 6N3-5 above except →								.125	3,2	**1220**	SR 6P3-5	.421	10,7	.813	20,7	2497

Standard color black. Consult Heyco for white and other colors.
*Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.



Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

1-800-526-4182 • 732-286-1800 (NJ) • FAX: 732-244-8843 • www.heyco.com

HEYCO

Heyco® Original Strain Relief Bushings

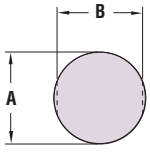
Pigtail with Integral Nylon Spring, for Flat and Round Cables

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART	DESC	PART DIMENSIONS				Mounting
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		NO. Black		C HEAD LENGTH		D BODY LENGTH		Hole Plug
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.	PART NO.
For Flat Cables																
SPT-1	18/3	.12x.30	3,0x7,6	.500	12,7	.465	11,8	.062	1,6	**1541**	SR 4N-7	1.718	43,6	1.984	50,4	2491
SPT-2 & HPN	18/2	.15x.28	3,8x7,1													
For Round Cables																
SV & SVT	18/2	.250	6,4	.500	12,7	.450	11,4	.062	1,6	**1590**	SR 5N-7	1.703	43,3	1.984	50,4	2491
	18/3	.255	6,5	.500-.515	12,7-13,1											
HPD	18/2	.270	6,9	.500	12,7											
	16/2	.290	7,4	.500-.515	12,7-13,1											
Same as SR 5N-7 above except →								.125	3,2	**1593**	SR 5P-7	1.703	43,3	1.984	50,4	2491
SJ, SJO & SJT	18/2	.300	7,6	.625	15,9	.550	14,0	.062	1,6	**1596**	SR 6N-7	1.718	43,6	2.109	53,6	2497
Same as SR 6N-7 above except →								.125	3,2	**1602**	SR 6P-7	1.718	43,6	2.109	53,6	2497
SJ, SJO & SJT	16/2	.315	8,0	.625	15,9	.550	14,0	.062	1,6	**1599**	SR 6N3-7	1.718	43,6	2.109	53,6	2497
	18/3	.320	8,1													
	14/2	.350	8,9													
	16/3	.355	9,0													
	18/4	.360	9,1													
Same as SR 6N3-7 above except →								.125	3,2	**1605**	SR 6P3-7	1.718	43,6	2.109	53,6	2497
										1604	SR 6P3-7S**					
SJT	18/4	.360	9,1	.750	19,0	.660	16,8	.125	3,2	**1611**	SR 7P-7	2.156	54,9	2.598	66,0	2503
SJT & SJTO	14/3	.370	9,4													
S & ST	18/2	.390	9,9													
	18/3	.405	10,3													
	16/2	.405	10,3													
	16/3	.430	10,9	.750-.781	19,0-19,8											

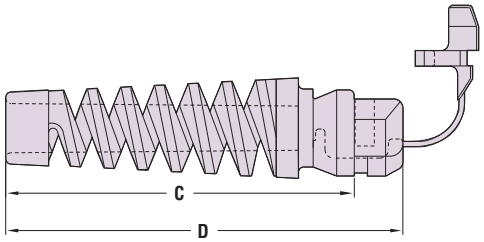
Standard color black. Consult Heyco for white and other colors.

*Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.

****For use in split housings only:** Larger locking step on body and key, for additional pull out resistance.



MOUNTING HOLE



- **Integral nylon spring eases the cable into a lazy bend**; prevents sharp bending and assures longest cable and product life.
- Adds reliability, longevity, and safety. Will pass CSA's 50,000 cycle vacuum cleaner test (C22.2 No. 67).
- Protects the lifeline of your electric/ electronic products by absorbing the forces of pull, push, twist, and flex.
- Securely anchors, insulates, and protects cables at panel entry points.
- Not recommended for applications where the power supply cord is subject to whipping or jump rope type motion.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

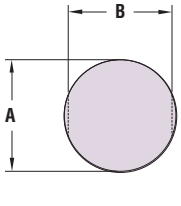
Heyco® Original Strain Relief Bushings

Right Angle for Round Cables

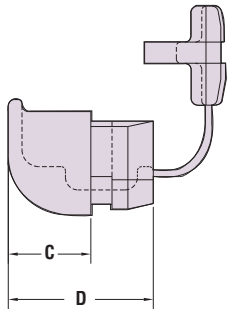
- Provides the same protection for your power supply cable as the straight-thru type AND...
- **Exits the cable flush against the panel**, saving space and directing the cable parallel to the panel.
- Overcomes space limitations and acts as a back or bottom bumper.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.

WILL FIT THESE CABLES				PANEL DIMENSIONS						PART	DESC	PART DIMENSIONS				Mounting
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		NO. Black		C HEAD LENGTH		D BODY LENGTH		Hole Plug
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.	PART NO.
SV & SVT	18/2	.250	6,4	.500	12,7	.450	11,4	.100	2,5	**1374**	SR 15-1	.390	9,9	.687	17,5	2491
	18/3	.265	6,7	.500-.515	12,7-13,1											
HPD	18/2	.270	6,9	.500	12,7											
	16/2	.290	7,4	.500-.515	12,7-13,1											
SJ, SJO & SJT	18/2	.300	7,6	.625	15,9	.550	14,0	.062	1,6	**1323**	SR 10N-2	.562	14,3	.968	24,6	2497
	16/2	.325	8,3													
	18/3	.330	8,4													
SJ	16/3	.330	8,4													
Same as SR 10N-2 above except →								.125	3,2	**1320**	SR 10-2	.562	14,3	.968	24,6	2497
SJ, SJO & SJT	16/2	.325	8,3	.625	15,9	.550	14,0	.125	3,2	**1327**	SR 11-2	.562	14,3	.968	24,6	2497
	18/3	.330	8,4													
	16/3	.335	9,0													
Same as SR 11-2 above except →								.200	5,1	**1330**	SR 11K-2	.562	14,3	.968	24,6	consult Heyco
SJT	18/4	.360	9,1	.750	19,0	.660	16,8	.125	3,2	**1397**	SR 17-2	.640	16,3	1.093	27,7	2503
SJT & SJTO	14/3	.370	9,4													
SJ & ST	18/2	.390	9,9													
	18/3	.405	10,3													
	16/2	.405	10,3													
	16/3	.430	10,9	.750-.781	19,0-19,8											

Standard color black. Consult Heyco for white and other colors.
*Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.



MOUNTING HOLES



Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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HEYCO

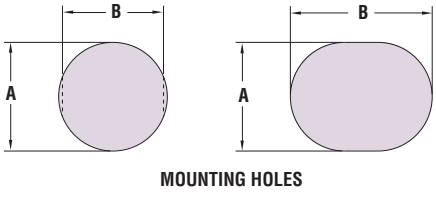
Heyco® Original Strain Relief Bushings

Right Angle for Flat Cables

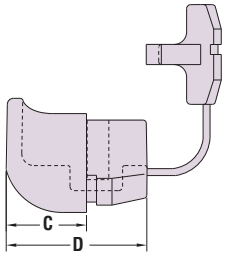
WILL FIT THESE CABLES				PANEL DIMENSIONS						PART	DESC	PART DIMENSIONS				Mounting
UL Type	AWG/ Conductors	Approximate Size		A Mounting Hole Dia.		B To Prevent Rotation		Finished Fit Panel Thickness*		NO. Black		C HEAD LENGTH		D BODY LENGTH		Hole Plug
		in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.	PART NO.
SPT-1 SPT-1	18/2 18/3	.12x.22 .12x.30	3,0x5,6 3,0x7,6	.437	11,1	.390	9,9	.062	1,6	**1354**	SR 13-1	.234	5,9	.500	12,7	2488
SPT-2 HPN	18/2 16/2	.15x.28 .16x.30	3,8x7,1 4,1x7,6	.500	12,7	.450	11,4	.040	1,0	**1361**	SR 14A-1	.390	9,9	.687	17,5	2491
Same as SR 14A-1 above except →								.100	2,5	**1364**	SR 14-1	.390	9,9	.687	17,5	2491
SPT-2 & HPN	18/3	.15x.40	3,8x10,2	.562	14,3	.525	13,3	.125	3,2	**1384**	SR 16-1	.500	12,7	.859	21,8	2494
SPT-3 & HPN	18/2 16/2	.19x.35 .20x.37	4,8x8,9 5,1x9,4													
HPN	16/3	.16x.37	4,1x9,4													
SPT-2	18/3 16/3	.15x.40 .16x.41	3,8x10,2 4,1x10,4	.560 **	14,2 **	.730 **	18,5 **	.080	2,0	**1424**	SR 20-1 **	.406	10,3	.812	20,6	consult Heyco
SPT-3	18/2 18/3 16/2 16/3	.19x.35 .19x.39 .20x.37 .20x.43	4,8x8,9 4,8x9,9 5,1x9,4 5,1x10,9													
Same as SR 20-1 above except →								.125	3,2	**1434**	SR 20L-1 **	.406	10,3	.812	20,6	consult Heyco
SPT-3	16/2 16/3 14/2 14/3	.20x.37 .20x.43 .24x.42 .24x.51	5,1x9,4 5,1x10,9 6,1x10,7 6,1x13,0	.750 **	19,9 **	.875 **	22,2 **	.125	3,2	**1454**	SR 23-1 **	.484	12,3	.937	23,8	consult Heyco
Fit 1/2˝ and 3/4˝ Electrical Knock-out Hole Sizes																
SPT-3	14/2 14/3 12/3 12/3	.24x.42 .24x.51 .29x.51 .29x.65	6,1x10,7 6,1x13,0 7,4x13,0 7,4x16,5	.875	22,2	.840	21,3	.125	3,2	**1464**	SR 24-1	.500	12,7	.968	24,6	2509
SPT-3, SRD & SRDT	10/3	.32x.66	8,0x16,8	1.093	28,0	1.000	25,4	.062	1,6	**1442**	SR 21N-2	.734	18,6	1.437	36,5	2717
Same as SR 21N-2 above except →								.125	3,2	**1440**	SR 21-2	.734	18,6	1.437	36,5	2717

Standard color black. Consult Heyco for white and other colors.
*Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.
**Use Elongated Mounting Hole.

- Provides the same protection for your power supply cable as the straight-thru type AND...
- **Exits the cable flush against the panel**, saving space and directing the cable parallel to the panel.
- Overcomes space limitations and acts as a back or bottom bumper.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.
- **See page 4-25 for Quick Specs.**

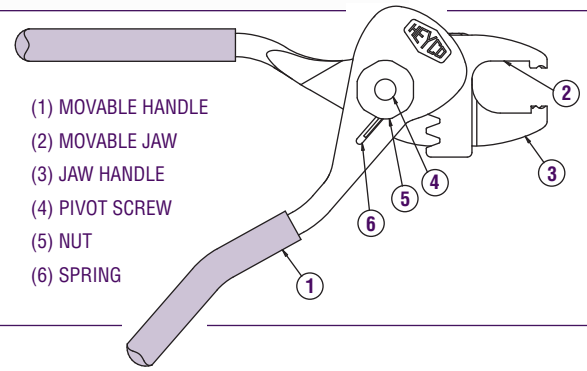


MOUNTING HOLES



HEYCO

Heyco® Original Strain Relief Bushing Assembly Pliers Instructions and Spare Parts



DESCRIPTION	SPARE PART NO. for 0022 R 29 Plier	SPARE PART NO. for 0030 R 30 Plier	Drawing Ref. No.
Grips	**0037**	**0047**	1
Pivot Screw	**0036**	**0046**	4
Nut	**0032**	**0032**	5
Spring	**0031**	**0031**	6

Part No. 0022

R 29 Pliers are shipped set for a 1/4˝ (6,4 mm) opening.

Part No. 0030

R 30 Pliers are shipped set for a 37/64˝ (14,7 mm) opening.

These Pliers will assemble the majority of our **Heyco Original Strain Relief Bushings** (see Directory, opposite). If adjustment is necessary, follow the instructions below:

A. Remove Nut (5) and Spring (6).

B. Close Pliers and lift off Movable Handle (1).

C. Move Jaw (2) to desired opening (see Directory, opposite).

D. Reassemble Handle (1) in **closed** position so that the gear teeth engage.

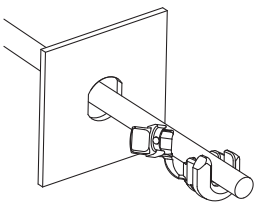
E. Open Pliers and replace Spring (6) with short end in deepest recess, long end in Handle groove.

F. Replace and secure Nut (5).

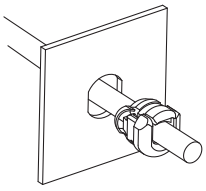
See opposite page for alternative jaw openings.

For Original Strain Relief Assembly **Air Tools,** see page 4-29.

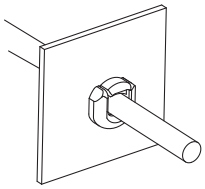
Assembly Instructions:



Position on Wire

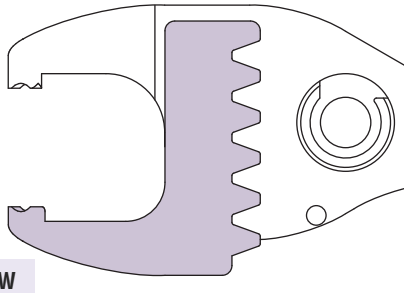


Squeeze Pliers



Push into Double D Mounting Hole

HEYCO



Heyco® Original Strain Relief Bushing Assembly Pliers Directory and Jaw Settings Guide

MOUNTING HOLE DIA. in.	mm.	HEYCO ORIGINAL STRAIN RELIEFS Page No.	Strain Relief Description for Flat Cables	Page No.	Strain Relief Description for Round Cables	PLIER JAW OPENING in.	mm.
Use PART NO. 0022 R 29 Plier							
.375	9,5	4-17 4-23	SR 302-1, SR 300-1, SR 2P-4, SR 2L-1 SR 2P-5	4-19	SR 2M-1	No Opening	
.437	11,1	4-17 4-23 4-26	SR 3P-4, SR 3W-1, SR 3L-1 SR 3P-5 SR 13-1			11/32	8,7
.500	12,7	4-17 4-17 4-18 4-22 4-23 4-24 4-26	SR 4P-4, SR 4N-4, SR 4K-4, SR 4L-4 SR 4K-1, SR 4L-1 SR 5W-1, SR 5KN-4, SR 5K-4 SR 4N-6, SR 4K-6 SR 4N-5 SR 4N-7 SR 14-1	4-19 4-19 4-23 4-24 4-25	SR 5MN-3, SR 5M-3, SR 5N-4, SR 5P-4 SR 5L-1, SR 5P3-4, SR 6W-1 SR 5N-5 SR 5N-7, SR 5P-7 SR 15-1	11/32	8,7
.560	14,2	4-18 4-26	SR 30-1 SR 16-1, SR 20-1, SR 20L-1	4-19	SR 30-1A, SR 30-1B	11/32	8,7
.625	15,9	4-18 4-23	SR 6N4-4, SR 6P4-4 SR 6K-5	4-20 4-20 4-23 4-24 4-25 4-34	SR 6N-4, SR 6P-4, SR 6N2-4, SR 6N3-4 SR 6P3-4, SR 6L-1 SR 6P-5, SR 6P2-5, SR 6N3-5, SR 6P3-5 SR 6N-7, SR 6P-7, SR 6N3-7, SR 6P3-7, SR 6P3-7S SR 10N-2, SR 10-2, SR11-2, SR 11K-2 SR 6P10 CEE, SR 6P30 CEE	11/32	8,7
.750	19,1	4-18 4-24 4-26	SR 33-1 SR 7P-7 SR 23-1	4-20 4-25	SR 7P-2 SR 17-2	19/32	15,1
.875	22,2	4-18 4-26	SR 34-2, SR 31-2 SR 24-1	4-21 4-21	SR 7K-2, SR 7KR-2, SR 7W-2, SR 7L-2 SR 31-2, SR 8P-2, SR 8L-1	19/32	15,1
Use PART NO. 0021 R 291 Plier – for .040˝ (1,0 mm) panel thickness Strain Reliefs							
.437	11,1	4-17	SR 3A-4			11/32	8,7
.500	12,7	4-22 4-26	SR 4A-6 SR 14A-1			11/32	8,7
Use PART NO. 0030 R 30 Plier – more leverage for thicker cables							
.750	19,1	4-18 4-24 4-26	SR 33-1 SR 7P-7 SR 23-1	4-20 4-25	SR 7P-2 SR 17-2	37/64	14,7
.875	22,2	4-18 4-26	SR 34-2, SR 31-2 SR 24-1	4-21 4-21	SR 7K-2, SR 7KR-2, SR 7W-2, SR 7L-2 SR 31-2, SR 8P-2, SR 8L-1	37/64	14,7
1.093	27,8	4-26	SR 21-2	4-21 4-21	SR 9P-2, for 1-3/32˝ (27,8 mm) MH SR 9P-2, for 1-3/16˝ (30,2 mm) MH	27/32 1-7/64	21,4 28,2
Use PART NO. 0028 R 301 Plier – for SR 7N-2 and SR 8N-2 only							
.750 .875	19,1 22,2			4-20 4-21	SR 7N-2 SR 8N-2	37/64	14,7

For Original Strain Relief Assembly **Air Tools,** see page 4-29.

HEYCO

Heyco® Original Strain Relief Bushing Air Tool, Air Tool Jaws & Replacement Parts

Air Tool and Air Tool Jaws Directory

Ordering Procedure for Air Tools:

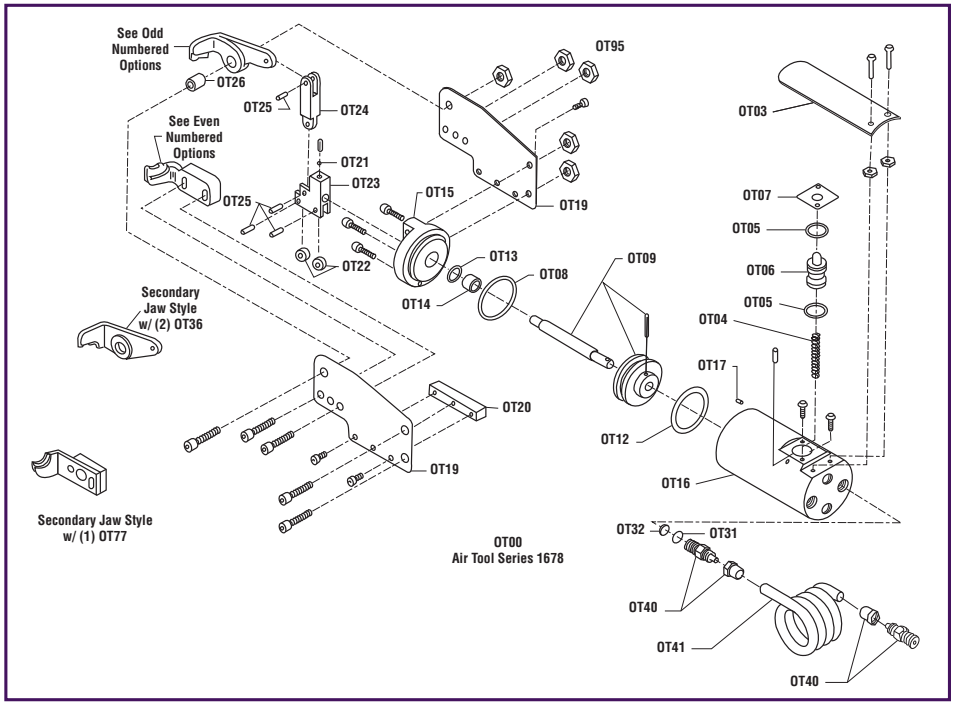
- On the tabular chart, locate the panel mounting hole diameter and Original Strain Relief Bushing that you are using.
- The appropriate Air Tool is shown on the same line.
- Jaws may be purchased separately, see the two right most PART NO. columns.
- Bench Mount Kit **Part No. OT02** provides the necessary components to convert a hand Air Tool to a bench mounted unit. The bench Air Tool can be mounted in any convenient position on the assembly area work surface. The unit is foot activated, leaving the operator's hands free. See below.
- For Original Strain Relief **Assembly Pliers**, see pages 4-27 & 4-28.
- For attaching Pliers for Metal Strain Reliefs, see page 4-30.

PANEL HOLE DIAMETER		FOR ORIGINAL STRAIN RELIEF BUSHINGS	AIR TOOL PART NO.	JAW PART NO.*	
in.	mm.		inc. Jaws	Upper	Lower
.375	9,5	2L-1, 2M-1, 2P-4, 2P-5	0171	OT47	OT48
.437	11,1	3A-4 3L-1, 3P-4, 3P-5, 3W-1, 13-1	0173 0175	OT49 OT51	OT50 OT52
.500	12,7	4A-6, 14A-1	0177	OT53	OT54
		4K-1, 4K-4, 4K-6, 4L-1, 4L-4, 4N-4, 4N-5, 4N-6, 4N-7, 4P-4, 5L-1, 5M-3, 5MN-3, 5N-4, 5N-5, 5N-7, 5P-4, 5P-7, 5P3-4, 6W-1, 14-1, 15-1	0179	OT55	OT56
.562	14,3	5K-4, 5KN-4, 5W-1, 16-1	0181	OT59	OT60
.625	15,9	6K-5, 6L-1, 6N-4, 6N-7, 6N2-4, 6N3-4, 6N3-5, 6N3-7, 6N4-4, 6P-4, 6P-5, 6P-7, 6P2-5, 6P3-4, 6P3-5, 6P3-7, 6P4-4, 6P10, 6P30, 10N-2, 10-2, 11-2, 11K-2	0183	OT61	OT62
.750	19,0	7N-2 7P-2, 7P-7, 17-2	0185 0187	OT63[1] OT65[1]	OT64[2] OT66[2]
.875	22,2	7K-2, 7KR-2, 7L-2, 7W-2, 8L-1, 8P-2, 24-1, 31-2, 34-2	0189	OT67[1]	OT68[2]
		8N-2	0193	OT71[1]	OT72[2]
.375x.625	9,5x15,9	300-1, 302-1	0191	OT69	OT70
.560 x .730	14,2 x 18,5	20-1, 20L-1, 30-1, 30-1A, 30-1B	0195	OT73	OT74
.750 x .875	19,0 x 22,2	23-1, 33-1	0197	OT75	OT76[2]

[1] Secondary (upper) Jaw style. When ordering additional spacer may be required (P/N OT36[2]).
[2] Secondary (lower) Jaw style. When ordering additional spacer may be required (P/N OT77[1]).
*Jaw part number if purchased separately. See drawing below.

Part No. OT02 Bench Mount Kit shown installed with Heyco Air Tool

Air Tool Replacement Parts



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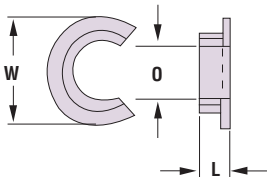
HEYCO

Heyco® Metal Strain Relief Bushings

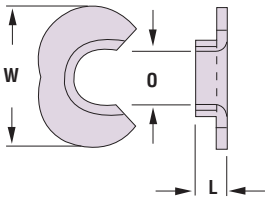
For Round Cables

WILL FIT THESE CABLES Approximate Diameter Minimum in.	mm.	Maximum in.	mm.	PART NO.	DESCRIPTION	PART DIMENSIONS O in.	mm.	W in.	mm.	L in.	mm.	ATTACHING PLIERS PART NO.
				7412	MSR-1B	.29	7,4	.50	12,7	.17	4,3	0018
				7410	MSR-1	.29	7,4	.59	15,0			
				7418	MSR-2S	.29	7,4	.78	19,8			
.250	6,4	.345	8,8	**7420**	MSR-2	.29	7,4	.76	19,3	.17	4,3	0019
				7430	MSR-3	.29	7,4	.65	16,5			
.300	7,6	.345	8,8	**7411**	MSR-1A	.20	5,1	.53	13,5	.17	4,3	0018
				7419	MSR-2A	.20	5,1	.78	19,8			
.340	8,6	.390	9,9	**7414**	MSR-2W	.26	6,6	.78	19,8	.17	4,3	0018
.375	9,5	.420	10,7	**7421**	MSR-2WS	.28	7,1	.78	19,8	.17	4,3	0019
				7422	MSR-1C	.29	7,4	.59	15,0	.21	5,3	

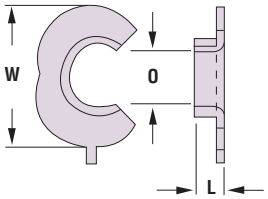
- **Designed to be attached to wire and cable inside of the panel.**
- Easy assembly with recommended hand pliers.
- Permanent grip, nonslip design.
- Absorbs pull force only, to help meet UL and CSA requirements.
- Made of plated steel.
- See below for Attaching Pliers.
- DFARS Compliant



7410, 7411, 7412, 7422

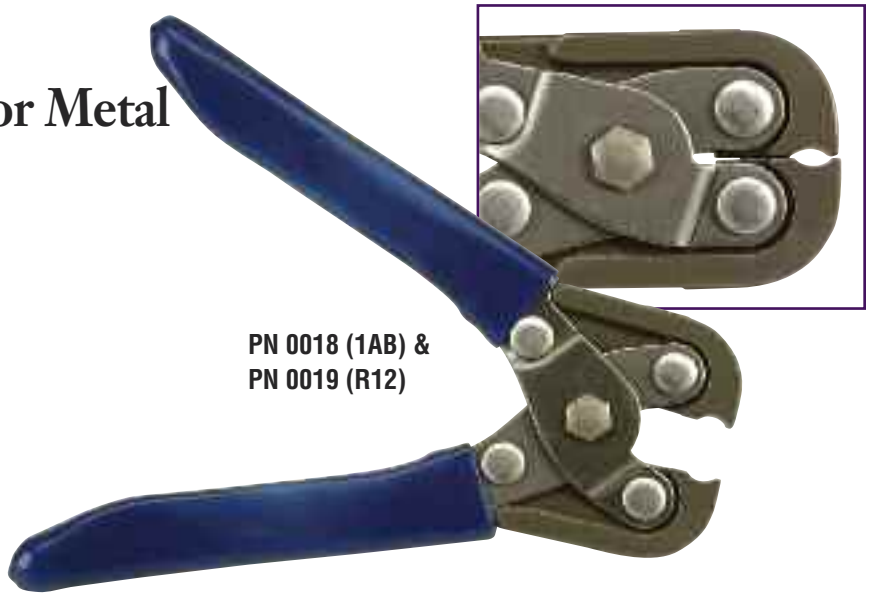


7414, 7418, 7419, 7421



7420, 7430

Heyco® Attaching Pliers for Metal Strain Reliefs



PN 0018 (1AB) &
PN 0019 (R12)

HEYCO

Heyco® Multi-Lockit™ Strain Relief Bushing

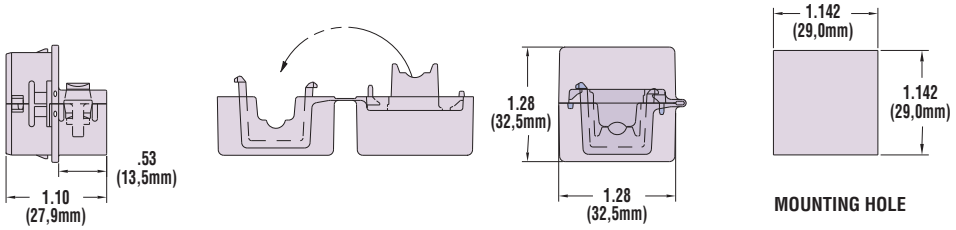
For Round and Flat Cables

LSR 1939-300

- **Assembly friendly!** Independent of insertion into the panel, LSR 1939-300 **self-locks** onto the cable. Preassemble off line for final assembly at a later time or remote location, for lower installed cost!
- Large mounting hole design allows passage of plugs or bulky assemblies during installation.
- Passes UL pull-out test requirements with or without panel support.
- Protects the lifeline of your electric/electronic products by absorbing the forces of push and pull that may be exerted on the flexible power cord.
- Rectangular design eliminates the possibility of part rotation under forces of twist.

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Thickness		Black	
		in.	mm.	in.	mm.	in.	mm.		
Round Cable	18/3	.250	6,4	1.142 x 1.142	29,0 x 29,0	.032	0,8	**1843**	LSR 1939-300
Flat Cable SPT-3		.173 x .380	4,39 x 9,65						

Standard color black. Consult Heyco for white and other colors.



Heyco® ST Lockit™ Strain Relief Bushing for U-Shape Slot

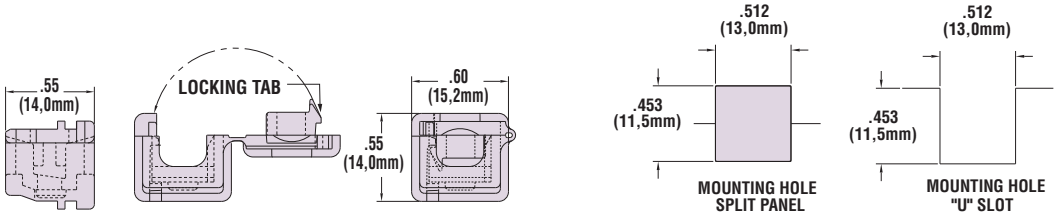
For Round and Flat Cables

ST 101A

- Designed to be installed in a U shape panel slot (see schematic). Securely anchors, insulates, and protects cables at panel entry point. Slim head profile makes ST 101A design-specific.
- Heyco's automated Pre-Assembly Equipment speeds assembly of the Lockit onto the cable and thus lowers costs while greatly reducing risk of carpal tunnel syndrome.
See pages 4-15 & 4-16.
- Consult Heyco for other wire types and sizes.

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESCRIPTION
UL Type	AWG Conductors	Approximate Size		Mounting Hole Size		Thickness		Black	
		in.	mm.	in.	mm.	in.	mm.		
SV & SVT	18/2	.220 .245	5,6 6,2	.453 x .512	11,5 x 13,0	.062	1,6	**1839**	ST-101A
	18/3	.250 .255	6,4 6,5						
HPD	18/2 16/2	.270 .290	6,9 7,4						

Standard color black. Consult Heyco for white and other colors.



Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Canadian Certified by Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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Heyco® Split Panel Strain Relief Bushings

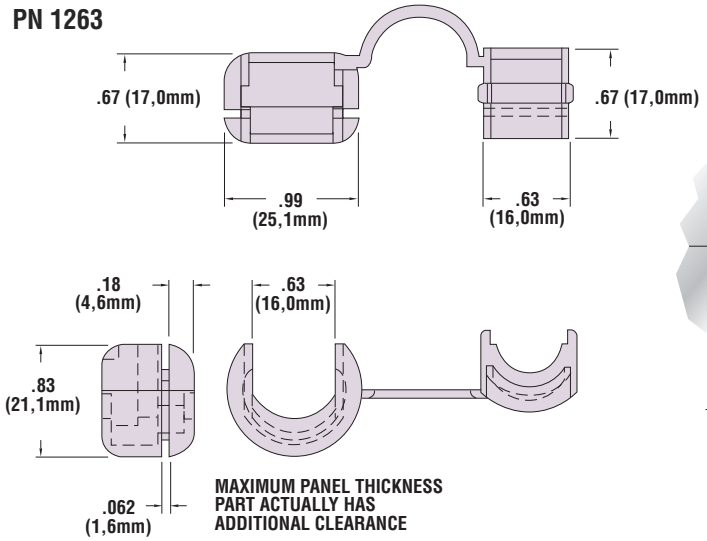
For Split Panel Mounting Holes

WILL FIT THESE CABLES				PANEL DIMENSIONS				PART NO.	DESC.	BODY LENGTH	
UL Type	AWG/ Conductors	Approximate Size		Mounting Hole Size		Maximum Panel Thickness		Black			
		in.	mm.	in.	mm.	in.	mm.			in.	mm.
SO	14/4	.560	14,2	.825	21,0	.062	1,6	**1263**	SR 8R-2	.670	17,0
SO	12/3	.590	15,0								
Round, Flat or Multiple	Multiple	up to .600	up to 15,2	.875x.875	22,2x22,2	.100	2,5	**1266**	SR 8R-200	.800	20,3

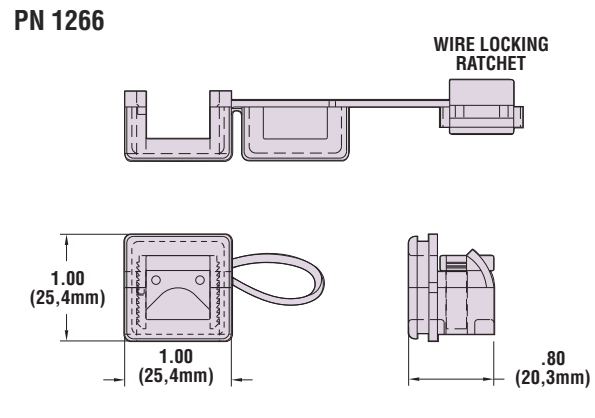
Standard color black. Consult Heyco for white and other colors

- **Designed to be installed in a split panel** mounting hole or dropped into a slot.
- Can be used for one wire or bundles of wire (round or flat wire).
- Securely anchors, insulates, and protects wire at panel entry points against forces of pull, push, or twist.
- Part 1266 is assembly friendly and self-locks onto the wire. It may be preassembled offline for final assembly at a later time or remote location, for lower installed cost and faster assembly. It has a unique wire locking ratchet that allows for generous wire range from .250″ (6,4 mm) to .600″ (15,2 mm).
- Part 1266 UL recognized for multiple cables/conductors.

PN 1263



PN 1266



Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

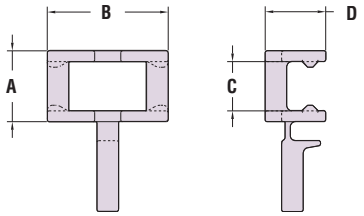
HEYCO

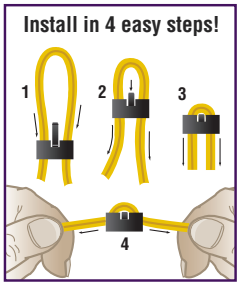
Heyco® In-Line Strain Relief Bushing

- **Quick and easy to secure on any SPT-2 wire.**
- Cost effective. No cutting or tools needed as with metal clamp type strain reliefs. There is no risk of repetitive motion strain or injury.
- UL Recognized (far exceeds UL's 35# pull-out test).
- UL Approved for use with SPT-2 Wire.
- Replaces UL Knot method of providing strain relief.

WILL FIT THESE CABLES				PART DIMENSIONS								PART NO.	DESCRIPTION
UL Type	AWG/ Conductors	Approximate Size		A		B		C		D		Black	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
SPT-2	18/2	.150 x .280	3,8 x 7,1	.41	10,4	.70	17,8	.29	7,4	.35	8,9	**1854**	ISR 14-27

Standard color black. Consult Heyco for white and other colors.
No panel required for application.





Heyco® Strain Relief Bushings LabKit #1

(Part No. 1999)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- Heyco LabKit #1 contains an assortment of our most popular Strain Relief Bushings.
- Heyco also offers lab kits for Liquid Tight Cordgrips, Bushings, Hole Plugs, HEYware, and Grommets.

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under Underwriters' Laboratories File E15331 (SRs Only) Certified by the Canadian Standards Association File 8919 (SRs Only)
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

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HEYCO

Heyco® Euro Strain Relief Bushings

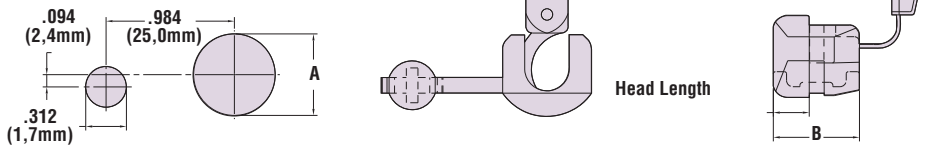
CEE Series

WILL FIT THESE CABLES Cross Section	Approximate Diameter in.	Approximate Diameter mm.	PANEL DIMENSIONS A Mounting Hole Dia. in.	A Mounting Hole Dia. mm.	Maximum Panel Thickness in.	Maximum Panel Thickness mm.	PART NO. Black	DESCRIPTION	B Body Length in.	B Body Length mm.
Round	.300	7,6	.625	15,9	.125	3,2	**3772**	SR 6P10 CEE	.671	17,0
Round	.325-.360	8,3-9,1	.625	15,9	.125	3,2	**3776**	SR 6P30 CEE	.625	15,9

Standard color black. Consult Heyco for white and other colors.

For European Requirements
Designed to meet those requirements wherein the Strain Relief device must remain attached to the panel during cable removal or replacement.

- Button lock, flexibly connected to the bushing, mounts into a hole alongside the bushing.
- Button lock secures the bushing to the panel during cable removal or replacement.



MOUNTING HOLES

.281 (7,1mm) for Part #3772
.254 (5,9mm) for Part #3776

Heyco® T-Bar

- **Part No. 3791**, T-bar available in **black only.**
- During cable removal or replacement, the T-Bar prevents complete removal of the strain relief bushing from the panel, reducing the risk of losing the bushing.
- For use in mounting holes .625″ (16,0 mm) and smaller.
- Snap T-Bar onto the strain relief bushing strap (linking body to key piece), then feed it into the panel mounting hole.

Material	Nylon 6/6
Certifications	Recognized under Underwriters' Laboratories File E15331 (SRs Only) Certified by the Canadian Standards Association File 8919 (SRs Only)
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

NO O-RING REQUIRED!

Heyco®-Tite Nylon Liquid Tight Romex® and Other Oval Hole **Connectors**

Straight-Thru, NPT Hubs
with Integral Sealing Ring, Approved for NEMA 6 and 6P Applications

For Romex® NM-B and UF-B Cables. For use in clearance or threaded holes, electrical conduit couplings and adapters.

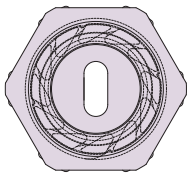
The Ultimate in Liquid Tight Strain Relief Protection

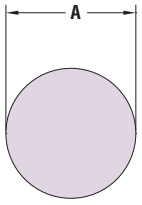
- **Multiple gland sizes for 12/2 through 14/3 Romex® NM-B and UF-B cable**. Consult Heyco for additional cable sizes.
- Hub sizes for 1/2 NPT and 3/4 NPT electrical knock-outs or threaded couplings. Consult Heyco for PG and Metric threaded hubs.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on this cable.
- Integral Sealing Ring ensures a superior seal at mounting locations every time.
- All nylon construction with TPE sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL.)
- Suitable for NEMA 6 and 6P enclosures.
- **Assembled Metal Locknuts INCLUDED**.

WILL FIT THESE CABLES				PART NO.	DESCRIPTION		PART DIMENSIONS									
Romex® Type	AWG/ Conds.	Approximate Size		Black		UL	A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thickness		E Wrenching Nut Flat Size	
		in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
Romex® Connectors - assembled steel locknuts **included**																
NM-B	14/2	.19 x .39	4,9 x 9,9	**M3231GZA***	LTCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
				M3234GZA	LTCG 3/4	–	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
NM-B	12/2	.21 x .42	5,3 x 10,7	**M3231GZB***	LTCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
				M3234GZB	LTCG 3/4	UL	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
UFB	14/2	.18 x .35	4,5 x 8,9	**M3234GZE**	LTCG 3/4	–	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
	12/2	.19 x .42	4,8 x 10,7	**M3234GZF**	LTCG 3/4	UL										
	14/3	.19 x .63	4,8 x 16,1	**M3234GZG***												
Other Oval Hole LTCGs - locknuts not included																
n/a	n/a	.45 x .21	11,4 x 5,3	**M3234GZK**	LTCG 3/4	–	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
		.31 x .19	7,9 x 4,8	**M3234GZM**	LTCG 3/4											
n/a	n/a	.69 x .19	17,5 x 4,8	**M8437GZH**	LTCG 1	–	1.326	33,7	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9

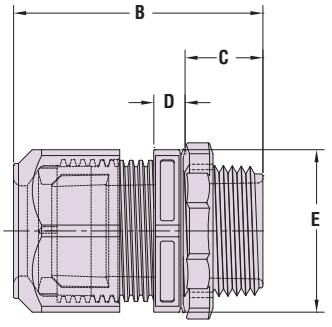
Standard color black.

* CSA Certified by Canadian Standard Association for NMD-90 wire–File 93876.





SUGGESTED CLEARANCE HOLE FOR NON - THREADED MOUNTING



Quick Specs

Material		Nylon 6/6 with TPE Sealing Gland
Certifications	UL	Listed under Underwriters' Laboratories File E103540
Flammability Rating		94V-2
Temperature Range		-22°F (-30°C) to 212°F (100°C)
IP Rating		IP 68

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HEYCO

Heyco® Zinc Die-Cast Box Connectors

TRADE SIZE	NOMINAL MOUNTING HOLE DIAMETER		WILL FIT THESE CABLES*			PART NO.	DESCRIPTION	PART DIMENSIONS A Minimum Wire		A Maximum Wire		B Overall Length	
			Flexible Metallic Conduit	Armored	Non-Metallic Sheathed								
	in.	mm.		***				in.	mm.	in.	mm.	in.	mm.
Clamp-Type Connector													
3/8**	.875	22,2	–	14/2, 14/3, 12/2, 12/3, 10/2, 10/3	14/2, 12/2, 12/3	**3043**	751 aka Romex® Connector	.18	4,6	.64	16,3	.81	20,6
90° Angle Connectors													
3/8**	.875	22,2	3/8	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 8/1, 6/1, 4/1	–	**3030**	561	.40	10,2	.63	16,0	1.81	46,0
1/2	.875	22,2	1/2	8/2	–	**3031**	563	.65	16,5	.97	24,6	2.05	52,1
Combination Connectors													
3/8**	.875	22,2	3/8	14/2, 14/3, 14/4, 12/2, 12/3, 12/4	14/2, 14/3, 12/2, 12/3	**3029**	551	.35	9,0	.43	11,0	.79	20,0
						3040	551 No Nut						
Box Connector													
1/2	.875	22,2	n/a	n/a	n/a	**9840**	SP1	.40	10,2	1.12	28,4	.31	7,9

*Gauge/Conductors, except FMC.
**1/2˝ K.O.
***Not UL Rated for armored cable.

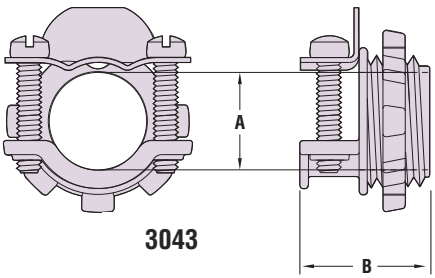
3043

Part No. 3043 (751) commonly known as a Romex® Connector.

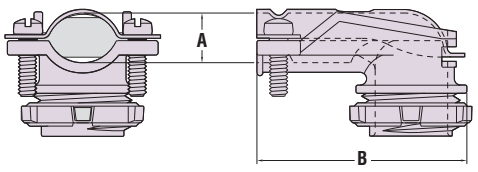
- Also fits corrugated MC at .51˝ (13,0 mm) diameter, smooth MC at .35˝ (8,8 mm) to .53˝ (13,3 mm) diameter.
- DFARS Compliant

9840

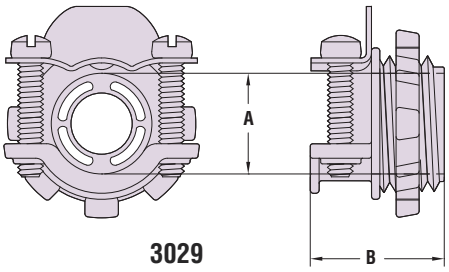
- Provides a connecting link between boxes, panels or chassis.
- Space boxes 5/16˝ (7,9 mm) apart.
- Die-cast locknut included.
- DFARS Compliant



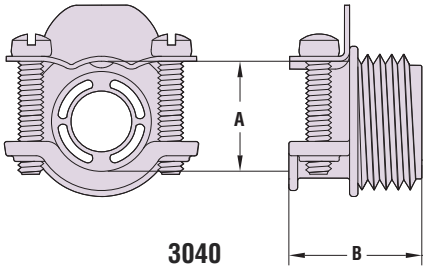
3043



3030/3031



3029



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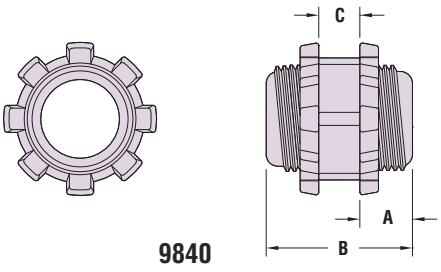


9840

Material	Zamak 3
Certifications	UL Listed under Underwriters' Laboratories File E103541
	CSA Certified by the Canadian Standards Association File 88539

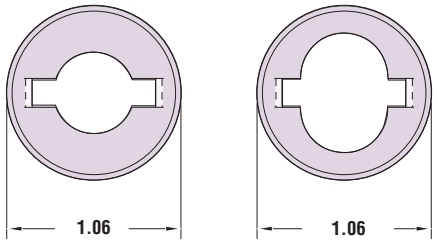
Quick Specs

HEYCO

Heyco® Knock-Out Adapters For Strain Relief Bushings

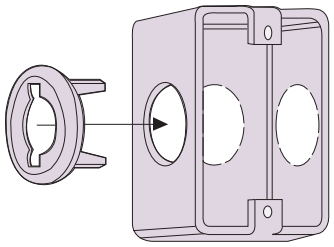
- **Convert trade size knock-out holes** to diameters suitable for strain relief bushings.
- Allow for standardization of panel design since various strain relief bushing sizes can be adapted to one panel hole size.
- Allow for the mounting of strain relief bushings into unusually thick panel.
- Adapters mount into 1/2˝ knock-outs (7/8˝ or 22,2 mm nominal diameter).
- Made of zinc-plated steel.
- For Heyco Knock-Out Seals, see page 6-35.
- DFARS Compliant

Will Adapt These Strain Reliefs to Fit an .875 (22,2mm.) Diameter Hole.	PART NO.	DESCRIPTION	LUG LENGTH	
			in.	mm.
4K-1, 4K-4, 4K-6, 4L-1 4L-4, 5L-1, 5P3-4, 5P-4, 5P-7, 5S-1, 6W-1, 14-1, 15-1, 5M-3	**7562**	A-22F	.500	12,7
6K-5, 6L-1, 6P2-5, 6P3-4 6P3-5, 6P3-7, 6P-4, 6P-5 6P-7, 10-2, 11-2, 11K-2	**7567**	A-25F	.500	12,7
5K-4, 5W-1, 16-1	**7570**	A-28F	.500	12,7
20-1, 20L-1, 30-1	**7572**	A-41	.500	12,7



A-22F
A-28F
A-25F

A-41



A-10 Adapter Pliers (Part #0024)
For quick and easy locking of adapters.

Heyco® Back-Up Washer For Strain Relief Bushings

- **For situations where the panel is too flexible** to support UL's 35# strain relief pull-out test.
- OR for situations where the panel is thin relative to the strain relief's locking slot. The backup washer eliminates play.
- OR can be used to contain the strain relief bushing in U-slot openings.
- Used together with our Strain Relief Bushings.
- Made of zinc-plated steel.
- DFARS Compliant

PART NO.	DESCRIPTION	INSIDE DIAMETER		OUTSIDE DIAMETER		THICKNESS	
		in.	mm.	in.	mm.	in.	mm.
7592	SRW 500	.500	12,7	.625	15,9	.025	0,6

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HEYCO

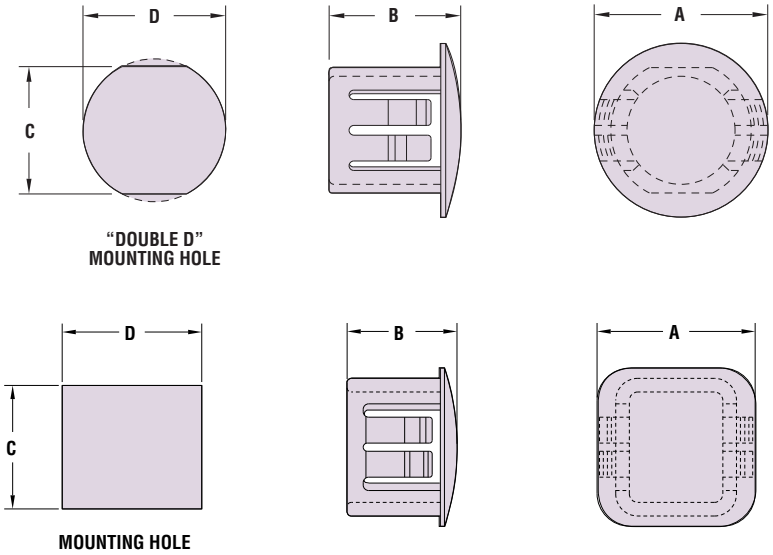
Heyco® Strain Relief Mounting Hole Plugs

Multiple Panel Thickness Design

PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS			
Maximum Thickness		C Mounting Hole Diameter		D To Prevent Rotation		Black		A Head Diameter		B Overall Height	
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
For Double D Mounting Hole Strain Reliefs											
.125	3,2	.375 .437 .500	9,5 11,1 12,7	.345 .390 .445	8,8 9,9 11,3	**2617** **2488** **2491**	DP 375* DD 437-390 DD 500-445	.468 .531 .554	11,9 13,5 14,7	.406	10,3
.125	3,2	.562 .625 .750	14,3 15,9 19,1	.530 .550 .625	13,5 14,0 15,9	**2494** **2497** **2503**	DD 562-530 DD 625-550 DD 750-625	.656 .728 .921	16,7 18,5 23,4	.406	10,3
.125	3,2	.875 1.109	22,2 28,2	.770 1.000	19,5 25,4	**2509** **2717**	DD 875-770 DD 1109-1000	1.016 1.218	25,8 30,9	.453	11,5
.125	3,2	2.000	50,8	1.875	47,6	**2959**	DD 2000-1875	2.170	55,1	.478	12,1
For Lockit ST-Series, Rectangular Mounting Hole Strain Reliefs**											
.099	2,5	.512	13,0	.453	11,5	**1890**†	RP 115-130	.580	14,7	.403	10,2
.157	4,0	.690	17,5	.690	17,5	**1892**	RP 175-175	.830	21,1	.470	11,9

Standard color black. Consult Heyco for white and other colors.
*On installation, DP 375 Locking Fingers must be aligned with Mounting Hole Flats.
**Rectangular Plugs locking finger steps match those of the corresponding ST Lockit Strain Reliefs.
†PN 1890 is not CSA certified.

- **Closes unused strain relief mounting holes** or Double D holes punched or molded with two opposing flats.
- Convex, matte finish head tapers to a thin edge.
- Quick and easy installation.
- Locks firmly in panels up to .157″ (4,0 mm) thick.
- Use our rectangular plugs #1890 and #1892 to fill unneeded square Lockit™ Strain Relief mounting holes.
- Approximate Head Thickness: .063″ (1,6 mm). Thickness may vary.



1890, 1892

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E51579
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.04°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

How to Choose a Heyco® Strain Relief - *and Make the Right Choice:*

To specify a Strain Relief and get the best fit, ask yourself the following 4 questions:

1. Is my wire or wire harness Round or Flat?

Most Heyco Strain Relief tabular charts are segregated into For Round Cables and For Flat Cables.

2. What is my wire or wire harness Diameter or Dimensions?

Heyco Strain Relief charts are typically sequenced by Wire Size / Mounting Hole Size.

3. What is my panel Thickness?

A. Lockit Strain Reliefs - Multiple Locking Step Fingers provide a **Finished Fit across a wide spectrum of Panel Thicknesses**

B. Original Strain Reliefs - the Maximum Panel Thickness provides the best Finished Fit.

4. What Functionality and Assembly method do I need?

Heyco Strain Relief tabular charts are segregated by Functionality and ease of Assembly.

For The Ultimate in Snap-in Strain Relief Protection:		**Page**
A. Snap-in Cordgrip Strain Reliefs – Straight-thru		4-1
Snap-in Cordgrip Strain Reliefs – Pigtail		4-2
B. Lockit™ Strain Reliefs - Snap-onto-cable Pre-Assemble by Hand Tool or Semi-Automatic Equipment		
For Faster Final Assembly - Semi-Automated Equipment Available		4-5 thru 4-16
1. ST Lockit Strain Reliefs - Straight-thru for Rectangular Mounting Holes		4-5 thru 4-6
2. RDD Lockit Strain Reliefs - for Double D Mounting Holes		
a. 35lb. Pull Test	Straight-thru	4-7 thru 4-11
b. 35lb. Pull with Maximum Flex-protection	Pigtail	4-12
c. 35lb. Pull with 90 degree exit from Panel	Right Angle	4-13 thru 4-14
3. Specialty Strain Reliefs for Multiple Conductors, Split Panels		4-31 thru 4-32
4. Universal and Romex® Strain Reliefs - widest range, snap into panel		4-3
5. Removable Snap-in Ratcheting Strain Reliefs - widest range, snap into panel		4-4
6. Mounting Hole Plugs - Standardize Panel Design!		4-38
C. Original Strain Reliefs - Assemble by Air Tool or Hand Pliers		4-27 thru 4-29
a. 35lb. Pull Test	Straight-thru	4-17 thru 4-21
b. 35lb. Pull with minimum Flex-protection	Internal Radii	4-22
c. 35lb. Pull with Flex-protection	Bell-Mouth	4-23
d. 35lb. Pull with maximum Flex-protection	Pigtail	4-24
e. 35lb. Pull with 90 degree exit from Panel	Right Angle	4-25 thru 4-26
f. In-line Lampcord Strain Relief	Replaces UL Knot	4-33
g. European Requirements	CEE	4-34
h. Metal Strain Reliefs and Accessories		4-30, 4-37
i. Liquid Tight Romex® Connectors	Romex® Connectors	4-35
j. Zinc Die-Cast Box Connectors	Box Connectors	4-36

For a quick and easy "one screen summary," visit our Strain Relief Selector Guide web app at www.Heyco.com

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5-1 Heyco Vent Plugs & Thick Panel Vent Plugs

5-2 HEYClean Filter Insert Vent Plugs

5-3 Heyco Louvered Plugs

5-3 HEYClean Filter Insert Louvered Plugs

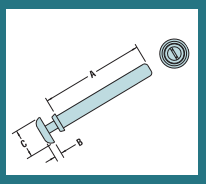
5-4 Heyco Threaded Vent Plugs

5-5 HEYClean Liquid Tight Threaded & Snap-In Vent Plugs

5-6 HEYClean Brass Pressure Equalization & Drain Plugs

5-6 HEYClean Drain Plug Brass Locknuts

5-7 Heyco Fan Guards



5-7 Heyco Fan Guard Rivets

5-8 Heyco Fan Mounts

The Strain Reliever™ "Pill Bottle" (PN 9977)

INDICATIONS:

For permanent **relief of strain** associated with not having the solution.

DIRECTIONS:

Remove top and shake out a potential solution. Take one dose each time "**no solution**" symptoms appear. Repeat as needed. This prescription may be refilled at any time because new solutions are constantly being generated.

WARNING:

If strain persists or gets worse, consult your Heyco representative immediately because this could be a sign of a serious problem in need of a Heyco solution!

Request one from your Heyco Distributor, Sales Representative, Business Development Manager, or Customer Service Representative–TODAY!

HEYCO FOR YOUR BUSINESS HEALTH

HEYCO

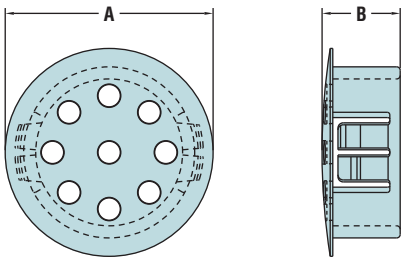
Heyco® Vent Plugs and Thick Panel Vent Plugs

Mounting Hole Diameter Range: .500˝ (12,7 mm) to 4.000˝ (101,6 mm)

- Permit the passage of air for ventilation and heat dissipation.
- Quick and easy installation with only fingertip pressure.
- Convex, matte finish head tapers to a thin edge.
- VP-500 through VP-875 have .094˝ (2,4 mm) diameter vent holes. All other sizes have .125˝ (3,2 mm) diameter vents.
- Lock firmly into panel up to .250˝ (6,4 mm) thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Multiple sizes for use in .500˝ (12,7 mm) to 4.000˝ (101,6 mm) diameter holes.
- Approximate Head Thickness: .062˝ (1,6 mm). Thickness may vary.
- Heyco Louvered Plugs available, see page 5-3.

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS				
					No. of Vent Holes	A Head Diameter		B Overall Height	
in.	mm.	Black	White			in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)									
.500	12,7	**2637**	**2638**	VP 500	4	.56	14,2	.41	10,3
.562	14,3	**2647**	-	VP 562	4	.66	16,7		
.625	15,9	**2657**	**2658**	VP 625	5	.73	18,7		
.750	19,1	**2677**	**2678**	VP 750	8	.91	23,0		
.812	20,6	**2688**	**2689**	VP 812	8	.89	22,6		
.875	22,2	**2697**	**2698**	VP 875	9	1.02	25,8	.45	11,5
1.000	25,4	**2707**	**2708**	VP 1000	9	1.20	30,6		
1.093 - 1.125	27,8 - 28,6	**2726**	**2727**	VP 1093	9	1.22	30,9		
1.187	30,1	**2736**	**2737**	VP 1187	10	1.31	33,3		
1.250	31,7	**2743**	**2744**	VP 1250	10	1.38	34,9		
		2797	-	SVP 1250-4	4				
1.375	34,9	**2756**	**2757**	VP 1375	11	1.50	38,1		
1.500	38,1	**2766**	**2767**	VP 1500	13	1.67	42,4		
1.750	44,5	**2776**	**2777**	VP 1750	13	1.91	48,4		
2.000	50,8	**2786**	**2787**	VP 2000	19	2.14	54,4	.47	11,9
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)									
.500	12,7	**3010**	**3011**	VPT 500	4	.58	14,7	.56	14,3
.625	15,9	**3013**	**3014**	VPT 625	5	.73	18,7		
.750	19,1	**2426**	**2427**	VPT 750	8	.91	23,0		
.875	22,2	**3152**	**3153**	VPT 875	9	1.02	25,8		
1.000	25,4	**3154**	**3155**	VPT 1000	9	1.20	30,6		
1.093 - 1.125	27,8 - 28,6	**3032**	**3033**	VPT 1093	9	1.22	30,9		
1.187	30,1	**3160**	**3161**	VPT 1187	10	1.31	33,3		
1.250	31,7	**3034**	**3035**	VPT 1250	10	1.38	34,9		
1.375	34,9	**3036**	**3037**	VPT 1375	11	1.50	38,1		
1.500	38,1	**3156**	**3157**	VPT 1500	13	1.67	42,4		
1.750	44,5	**3038**	**3039**	VPT 1750	13	1.91	48,4		
2.000	50,8	**3158**	**3159**	VPT 2000	19	2.14	54,4	.58	14,7
2.500	63,5	**2793**	**2794**	VP 2.5	19	2.72	69,0	.75	19,1
3.000	76,2	**2458**	**2459**	VP 3.0	26	3.15	80,0	.74	18,8
3.500	88,9	**2467**	**2468**	VP 3.5	38	3.66	92,9	.75	19,1
4.000	101,6	**2476**	**2477**	VP 4.0	48	4.16	105,6		

Standard color black. Consult Heyco for other colors.



Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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HEYCO

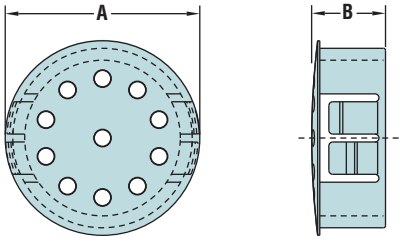
HEYClean™ Filter Insert Vent Plugs

Mounting Hole Diameter Range: .500˝ (12,7 mm) to 3.000˝ (76,2 mm)

MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.	PART NO. Black	DESCRIPTION	PART DIMENSIONS No. of Vent Holes	A Head Diameter in.	A Head Diameter mm.	B Overall Height in.	B Overall Height mm.
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)								
.500	12,7	**4917**	FIVP 500	4	.56	14,2	.41	10,4
.875	22,2	**4919**	FIVP 875	9	1.02	25,8	.45	11,5
1.000	25,4	**4921**	FIVP 1000	9	1.20	30,6		
1.093 - 1.125	27,8 - 28,6	**4923**	FIVP 1093	9	1.22	30,9		
1.375	34,9	**4931**	FIVP 1375	11	1.50	38,1		
1.500	38,1	**4933**	FIVP 1500	13	1.67	42,4		
2.000	50,8	**4937**	FIVP 2000	19	2.14	54,4	.47	11,9
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)								
.875	22,2	**4973**	FIVPT 875	9	1.02	25,8	.56	14,3
1.000	25,4	**4975**	FIVPT 1000	9	1.20	30,6		
1.093 - 1.125	27,8 - 28,6	**4977**	FIVPT 1093	9	1.22	30,9		
1.375	34,9	**4983**	FIVPT 1375	11	1.50	38,1		
1.500	38,1	**4985**	FIVPT 1500	13	1.67	42,4		
2.000	50,8	**4989**	FIVPT 2000	19	2.14	54,4	.58	14,7
2.500	63,5	**4939**	FIVP 2.5	19	2.72	69,0	.75	19,1
3.000	76,2	**4941**	FIVP 3.0	26	3.15	80,0	.74	18,8

Standard color black. Consult Heyco for other colors.

- Filter inserts permit the passage of air for ventilation but limit liquid as well as dust and pest infiltration.
- Polyurethane foam filter will filter particle sizes 30 micron and larger.
- Filter is captive in body of vent plug and uses no additional real estate inside.



Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

Quick Specs

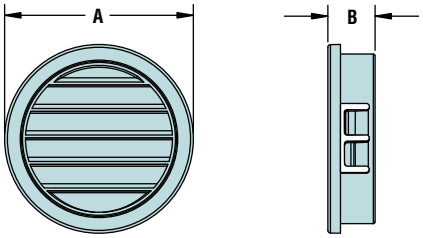
Heyco® Louvered Plugs

Mounting Hole Diameter Range: .875˝ (22,2 mm) to 3.000˝ (76,2 mm)

- Louvers permit the passage of air for ventilation but limit liquid infiltration.
- Suitable for ventilation in electronic enclosures, motor housings and metal or plastic panels.
- Quick and easy installation with flexible orientation of louver direction.
- Withstand a push back force of 35 lbs. (47 Nm).
- Lock firmly into panel up to .250˝ (6,4 mm) thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Heyco Vent Plugs, Heyco Thick Panel Vent Plugs, and Heyco Liquid Tight Threaded Vent Plugs also available.

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)							
.875	22,2	**2557**	LP 875	1.02	25,8	.53	13,5
1.000	25,4	**2559**	LP 1000	1.21	30,6		
1.093 - 1.125	27,8 - 28,6	**2561**	LP 1093	1.22	30,9		
1.375	34,9	**2567**	LP 1375	1.50	38,1	.54	13,8
1.500	38,1	**2569**	LP 1500	1.68	42,6		
2.000	50,8	**2594**	LP 2000	2.17	55,1		
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)							
2.500	63,5	**2596**	LP 2.5	2.72	69,0	.82	20,9
3.000	76,2	**2598**	LP 3.0	3.17	80,5		

Standard color black. Consult Heyco for other colors.



HEYClean™ Filter Insert Louvered Plugs

Mounting Hole Diameter Range: .875˝ (22,2 mm) to 3.000˝ (76,2 mm)

- Located behind the louvers, filter inserts permit the passage of air for ventilation but limit liquid as well as dust and pest infiltration.
- Polyurethane foam filter will filter particle sizes 30 micron and larger.

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)							
.875	22,2	**4947**	FILP 875	1.02	25,8	.53	13,5
1.000	25,4	**4949**	FILP 1000	1.21	30,6		
1.093 - 1.125	27,8 - 28,6	**4951**	FILP 1093	1.22	30,9		
1.375	34,9	**4957**	FILP 1375	1.50	38,1	.54	13,8
1.500	38,1	**4959**	FILP 1500	1.68	42,6		
2.000	50,8	**4963**	FILP 2000	2.17	55,1		
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)							
2.500	63,5	**4965**	FILP 2.5	2.72	69,0	.82	20,9
3.000	76,2	**4967**	FILP 3.0	3.17	80,5		

Standard color black. Consult Heyco for other colors.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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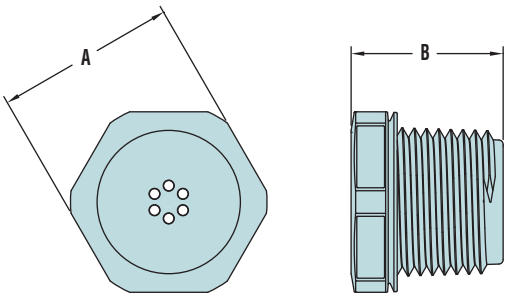
Heyco® Threaded Vent Plugs

Open vent holes only

THREAD Type/Size	PART NO. Black	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Wrenching Flats in.	A Wrenching Flats mm.	B Overall Length in.	B Overall Length mm.
NPT							
NPT 1/4	**3551B**	**3551**	TVP NPT 1/4	.63	16,0	.66	16,8
NPT 3/8	**3552B**	**3552**	TVP NPT 3/8	.83	21,0	.69	17,5
NPT 1/2	**3553B**	**3553**	TVP NPT 1/2	.98	24,9	.81	20,6
NPT 3/4	**3554B**	**3554**	TVP NPT 3/4	1.29	32,8	.86	21,8
PG - for PG Thread specifications, see page 3-49							
Pg 7	**3566B**	**3566**	TVP Pg 7	.63	16,0	.53	13,5
Pg 9	**3567B**	**3567**	TVP Pg 9	.83	21,0		
Pg 13.5	**3568B**	**3568**	TVP Pg 13.5	.98	24,9	.62	15,8
Pg 21	**3569B**	**3569**	TVP Pg 21	1.29	32,8	.76	19,3
Metric							
M12	**3557B**	**3557**	TVP M12	.63	16,0	.53	13,5
M16	**3558B**	**3558**	TVP M16	.83	21,0		
M20	**3559B**	**3559**	TVP M20	.98	24,9	.62	15,8

Standard color Black. Consult Heyco for other colors.

- Permit the passage of air for ventilation and heat dissipation.
- Quick and easy installation into Threaded Holes.
- For multiple thread sizes and types.
- All sizes and types feature seven (7) .094˝ (2,4 mm) diameter vent holes.
- Threaded plugs for hydraulic and pneumatic applications.
- Lower cost option over brass or steel plugs.
- Non-corrosive-resist salt water, weak acids, gasoline, alcohol, oil, grease and common solvents. Resist oil and heat up to 221°F (105°C).
- Approximate Head Thickness: .21˝ (5,3 mm). Thickness may vary.
- Hex shaped head for wrench installation.
- Electrically non-conductive Nylon 6/6.
- For **Liquid Tight** Threaded Vent Plugs, see page 5-5.



Material	Nylon 6/6 bodies with UL (f1) rating
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

Quick Specs

NO O-RING REQUIRED!

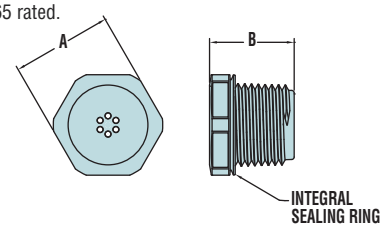
HEYClean™ Liquid Tight Threaded Vent Plugs

With Integral Sealing Ring and Liquid Tight Filter

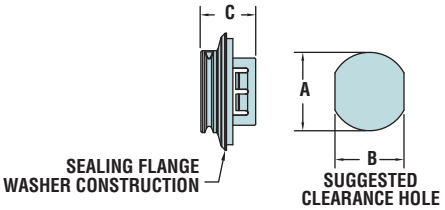
- Integral sealing ring ensures a **superior seal** at mounting hole location, every time; **IP 67 and 68 Rated**.
- Allow the passage of air for ventilation and heat dissipation, yet prevent moisture intrusion, remain liquid tight.
- Maximum airflow: ≥16.6 LPM/3.7cm² @ 13.5 psi.
- UL Rated for Type NEMA 3R, 4, and 4X applications.
- Filter membrane prevents moisture and particulate contamination in electronic enclosures.
- Pressure compensating seal prevents buildup of pressure inside of electronic enclosures due to environmental temperature cycling.
- Quick and easy installation into Threaded (LTTVP) and Clearance (LTSV) holes.
- Membrane seal is ultrasonically welded to nylon body.
- Lower cost option over metal or steel plugs.
- Approximate Head Thickness: .21" (5,3 mm). Thickness may vary.
- Hex shaped head for wrench installation (LTTVP only).
- Electrically non-conductive Nylon 6/6.
- Quick and easy **Snap-in** installation into Clearance Holes.
- All sizes and types feature (9) .094" (2,4 mm) diameter vent holes.
- **Snap-In** plugs for panel and housing applications.
- Lower cost option over brass or steel plugs.
- Snap into a range of panel thicknesses up to .125" (3,2 mm) with no tools (LTSV only).

THREAD Type/Size	PART NO. Black	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Wrenching Flats in.	A Wrenching Flats mm.	B Overall Length in.	B Overall Length mm.
NPT							
NPT 1/4	**3544VB**	**3544V**	LTTVP NPT 1/4	.63	16,0	.66	16,8
NPT 3/8	**3545VB**	**3545V**	LTTVP NPT 3/8	.83	21,0	.69	17,5
NPT 1/2	**3546VB**	**3546V**	LTTVP NPT 1/2	.98	24,9	.81	20,6
NPT 3/4	**3547VB***	**3547V***	LTTVP NPT 3/4	1.29	32,8	.86	21,8
PG - For PG Thread specifications, see page 3-49							
Pg 7	**3574VB**	**3574V**	LTTVP Pg 7	.63	16,0	.53	13,5
Pg 9	**3575VB**	**3575V**	LTTVP Pg 9	.83	21,0		
Pg 13.5	**3576VB**	**3576V**	LTTVP Pg 13.5	.98	24,9	.62	15,8
Pg 21	**3401VB**	**3401V**	LTTVP Pg 21	1.29	32,8	.76	19,3
Metric							
M12	**3582VB**	**3582V**	LTTVP M12	.63	16,0	.53	13,5
M16	**3583VB**	**3583V**	LTTVP M16	.83	21,0		
M20	**3584VB**	**3584V**	LTTVP M20	.98	24,9	.62	15,8

Standard color Black. Consult Heyco for other colors.
*IP 65 rated.



Threaded Vent Plug



Snap-In Vent Plug

HEYClean™ Liquid Tight Snap-In Vent Plugs

With Integral Sealing Flange/Washer and Liquid Tight Filter

Mounting Hole Diameter Range: .500˝ (12,7 mm) to 1.125˝ (28,6 mm)

A Mounting Hole Dia.* in.	A Mounting Hole Dia.* mm.	PART NO. Black	DESCRIPTION	PART DIMENSIONS B To Prevent Rotation in.	B To Prevent Rotation mm.	C Max. O.A. Length in.	C Max. O.A. Length mm.
.500	12,7	**3481VB**	LTSV 500	.45	11,4	.600	15,2
.875	22,2	**3486VB**	LTSV 875	.77	19,6	.620	15,7
1.125	28,6	**3488VB**	LTSV 1125	1.00	25,4	.660	16,8

Standard color black. Consult Heyco for other colors.
* Consult Heyco for additional sizes.

Quick Specs

Material	Nylon 6/6 bodies with an Acrylic Copolymer Filter
Certifications	c UL us Recognized under the Component Program of Underwriters' Laboratories, File E330194 to both Canadian and U.S. Requirements
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)
IP Rating	IP 65/67/68

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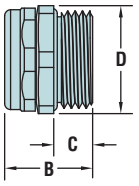
ALL NEW PRODUCTS!

HEYClean® Brass Pressure Equalization and Drain Plugs

For Pressure Equalization and Drainage Applications

THREAD Type/Size	PART NO.	DESCRIPTION	PART DIMENSIONS A Clearance Hole in.	A mm.	B Overall Length in.	B mm.	C Thread Length in.	C mm.	D Wrenching Flats in.	D mm.	PROTECTION CLASS
Liquid Tight Pressure Equalization Plugs - *Ultimate in Liquid Tight Pressure Equalization*											
M12	**4350**	BRASS LTPEP M12	.47	12,0	.69	17,5	.31	8,0	.71	18,0	IP 66,67,68
M16	**4351**	BRASS LTPEP M16	.63	16,0							
M20	**4352**	BRASS LTPEP M20	.79	20,0	.71	18,0	.31	8,0	.87	22,0	
Liquid Resistant Pressure Equalization Plugs - *Maximize Airflow for Extreme Pressure and Moisture Fluctuations*											
M12	**4354**	BRASS LRPEP M12	.47	12,0	.69	17,5	.31	8,0	.71	18,0	IP 55, x9K
M16	**4355**	BRASS LRPEP M16	.63	16,0							
M20	**4356**	BRASS LRPEP M20	.79	20,0	.71	18,0	.31	8,0	.87	22,0	
Threaded Drain Plug - *For Applications Where Condensation Is Expected**											
M12	**4357**	BRASS TDP M12	.47	12,0	.77	19,5	.39	10,0	.71	18,0	IP 4x
M16	**4358**	BRASS TDP M16	.63	16,0							
M20	**4359**	BRASS TDP M20	.79	20,0	.79	20,0	.39	10,0	.87	22,0	

Stainless Steel available. Consult Heyco.
*Heyco Drainage Plug Brass Locknuts sold separately



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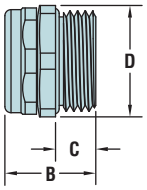

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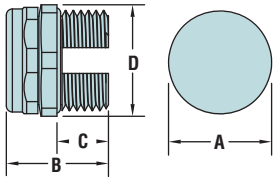
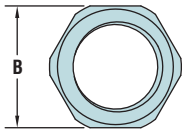


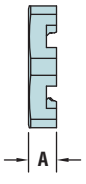
4357

HEYClean® Drain Plug Brass Locknuts

For Use with HEYClean™ Threaded Drain Plugs

THREAD Type/Size	PART NO.	DESCRIPTION	PART DIMENSIONS A Thickness in.	A mm.	B Wrenching Flats in.	B mm.
M12	**4360**	BRASS DPLN M12	.18	4,5	.59	15,0
M16	**4361**	BRASS DPLN M16	.22	5,5	.75	19,0
M20	**4362**	BRASS DPLN M20	.22	5,5	.94	24,0





Material	Nickel-Plated Brass
Temperature Range	-40°F (-40°C) to 230°F (110°C)
IP Rating	Membrane - IP66/IP68/IP69
	Filter Disc - IP55/ IPX9K
	Drainage Element - IP4X

Pressure Equalization Plugs

- Allow the passage of air for ventilation and heat dissipation, yet prevent moisture intrusion.
- Filter membrane prevents moisture and particulate contamination in electronic enclosures.
- Pressure compensating seal prevents buildup of pressure inside of electronic enclosures due to environmental temperature cycling.
- Quick and easy installation into Clearance or Threaded Holes. For Metric Brass Locknuts, see page 3-9.
- **Nickel-plated finish over brass provides excellent corrosion resistance and durability.**
- Head Thickness: .37″ (9,5 mm) to .39″ (10 mm).
- Hex shaped body for wrench installation.
- Filter element:
  Liquid Tight Membrane: Polyethersulfone (PES)
  Sintered Disc: Bronze
- DFARS Compliant

Drain Plugs

- Drainage Plugs are ideal for applications where condensation is expected.
- Stainless steel mesh allows water to drain quickly, but protects enclosure from bugs and dust.
- Drainage Plugs feature a "cutout" section to allow water to completely drain from enclosure, and should be installed at enclosure's lowest point.
- Head Thickness: .37″ (9,5 mm) to .39″ (10 mm).
- Hex shaped body for wrench installation.
- DFARS Compliant

Drain Plug Locknuts

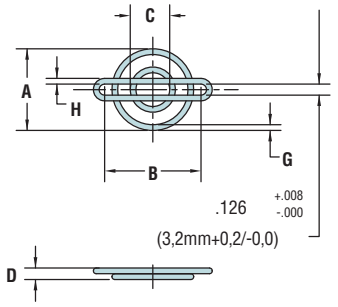
- Quick and easy installation into Clearance Holes only.
- Locknuts feature special "cutout" to allow water to completely drain from enclosure, when used with HEYClean™ Threaded Drain Plugs.
- DFARS Compliant

ALL NEW PRODUCTS!

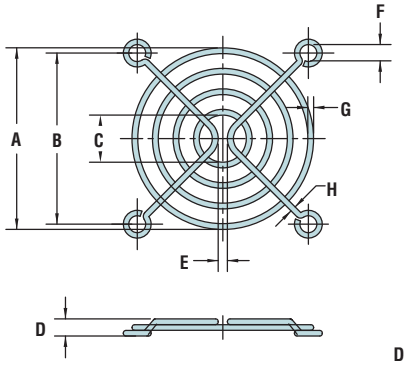
Heyco® Fan Guards

- Good corrosion resistance, easy to clean.
- Screw mount.
- Material: Steel wire Electroplated; Nickel Chrome finish.

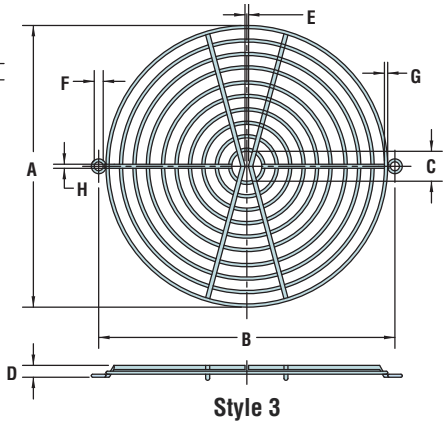
NO. Rings	PART NO.	DESCRIPTION	PART DIMENSIONS A in.	A mm.	B in.	B mm.	C in.	C mm.	D in.	D mm.	E in.	E mm.	F in.	F mm.	G in.	G mm.	H in.	H mm.	STYLE
2	**0975**	FG 25	.94	2,4	1.11	28,2	.41	10,5	.09	2,2	-	-	-	-	.06	1,4	.06	1,4	1
	0976	FG 40	1.15	29,1	1.26	32,0	.56	14,2	.19	4,8	.16	4,0	.16	4,0					
3	**0977**	FG 50	1.65	42,0	1.62	41,1	.56	14,2	.19	4,8	.15	3,7	.18	4,6	.06	1,6	.06	1,6	
4	**0978**	FG 60	2.09	53,2	1.97	50,0	.56	14,2	.17	4,4	.12	3,0							2
5	**0979**	FG 80	3.00	76,2	2.81	71,5	.56	14,2	.19	4,9	.14	3,5	.20	5,2	.07	1,8			
6	**0980**	FG 92	3.54	90,0	3.25	82,5	.56	14,2	.22	5,5	.17	4,2	.18	4,6	.06	1,6	.07	1,8	
8	**0981**	FG 120	4.55	115,6	4.16	104,8	.35	9,0	.22	5,5	.10	2,6	.18	4,6	.07	1,8			
10	**0982**	FG 150	6.08	154,4	6.38	162,1	.64	16,3	.25	6,5	.32	8,1	.19	4,8	.07	1,8	.09	2,3	3



Style 1



Style 2



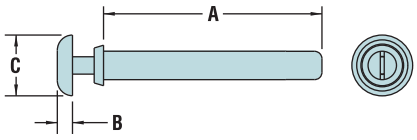
Style 3

Heyco® Fan Guard Rivets

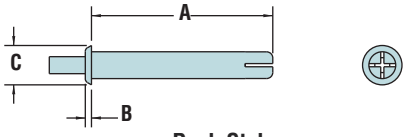
- Permanently mount fan to chassis or finger guards to fan.
- Provide tamper resistant application.
- Prongs expand to hold securely as pin is driven.
- Single-operation front mounting saves time and money.
- Low profile head.
- Installed by hand or with installation tool.
- Part Description Key: PR/DR XXX-YYY where XXX = Mounting Hole Diameter (inches) and YYY = minimum Panel Thickness (inches).

WILL FIT THESE PANELS MOUNTING HOLE DIA. in.	mm.	PANEL THICKNESS Min. in.	mm.	Max. in.	mm.	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Length in.	mm.	B Head Height in.	mm.	C Head Diameter in.	mm.	EXTRACTION FORCE Lbs	Kg
Snap Style															
.124	3,1	.81	20,5	.85	21,5	**9326**	PR 124-807	.91	23,0	.06	1,6	.25	6,4	17.6	8
Push Style															
.137	3,5	.81	20,5	.85	21,5	**9327**	DR 137-807	.91	23,0	*	*	.20	5,0	17.6	8

UL94V-2 Nylon 6 - both Rivets
*Contact Heyco.



Snap Style



Push Style

Quick Specs

	Rivets
Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 185°F (85°C)

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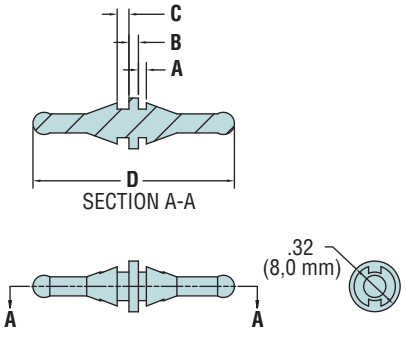
HEYCO

Heyco® Fan Mounts

PANEL DIMENSIONS				FAN DIMENSIONS				PART	DESCRIPTION	MAT'L	PART DIMENSIONS						STYLE
Max. Panel Thickness		Mounting Hole Dia.		Mounting Hole Dia.		Thickness					A		B		C		
in.	mm.	in.	mm.	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	
FMS - Standard																	
.055	1,4	.197	5,0	.20	5,0	.08	2,0	**0345**	FMS-1	EPDM 30	.06	1,5	.07	1,9	1.27	32,3	1
								0346	FMS-2	EPDM 40							
						.12	3,1	**0348**	FMS-3	EPDM 30	.06	1,5	.12	3,0	.87	22,2	2
								0349	FMS-4	EPDM 40							
.031	0,8	.138	3,5	.14	3,5	.79	20,0	**0354**	FMS-5	Silicone Rubber 40	.06	1,5	.73	18,5	2.20	56,0	
.118	3,0	.169	4,3	.17	4,3	.59	15,0	**0355**	FMS-6	Silicone Rubber 40	.08	2,0	.55	14,0	2.12	53,8	3
.031	0,8	.138	3,5	.14	3,5	.98-1.10	25,0-28,0	**0356**	FMS-7	Silicone Rubber 40	.06	1,5	.94	24,0	2.87	73,0	
FMM - Multi																	
.039-.059	1,0-1,5	.177-.189	4,5-4,8	.13-.18	3,2-4,5	.39-2.00	10,0-51,0	**0357**	FMM-1	Silicone Rubber 40	see schematic drawing						4
FMB - Break-Away																	
.031-.063	0,8-1,6	.177-.197	4,5-5,0	.16-.18	4,0-4,5	.98-2.01	25,0-51,0	**0359**	FMB-1	Silicone Rubber 40	see schematic drawing						5
				.13-.14	3,2-3,5	up to .40	up to 10,0	**0363**	FMB-2	Silicone Rubber 40	see schematic drawing						6
				.16-.18	4,0-4,5	up to .98	up to 25,0										



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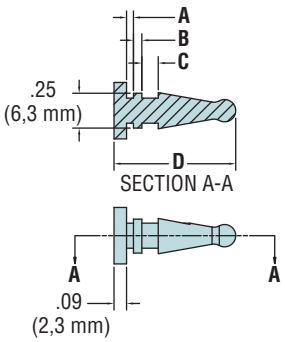

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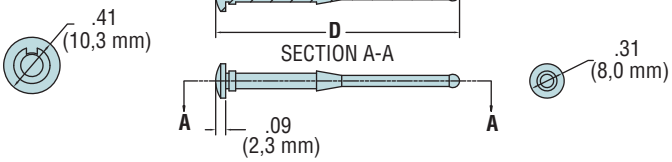

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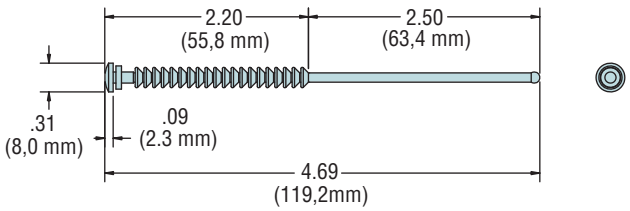

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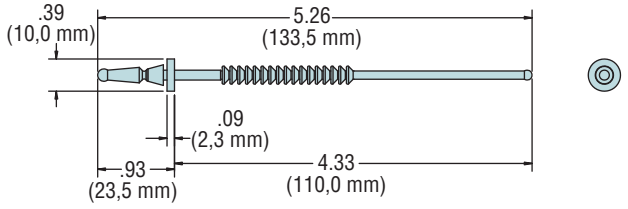

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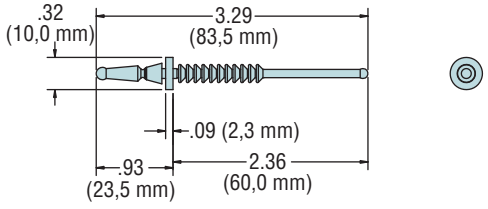
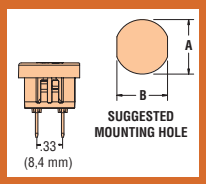


Style 6

HEYCO® Bushings, Grommets, HEYCaps and Plugs

6-1 HEYConnect Terminal Bushings



6-2 HEYConnect Terminal Bushings Schematics

6-3 Snap Bushings to .875 Diameter

6-4 Snap Bushings to 6.0 Diameter

6-5 Reducer Snap Bushings

6-6 Thick Panel & Knock-Out Snap Bushings

6-7 Thin Panel Snap Bushings

6-8 Shorty Bushings

6-9 Metric Snap Bushings

6-9 UL Listed Rubber Grommets

6-10 Snub Bushings

6-10 Sealing Washers

6-11 Universal Bushings

6-12 Shorty Universal Bushings

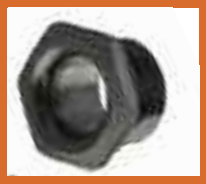
6-12 Thick Panel Universal Bushings

6-13 Open/Closed Universal Bushings

6-14 Open/Closed Bushings & Shorty Open/Closed Bushings

6-15 Armor Bushings

6-15 Threaded Insulating Bushing



6-16 Threaded Smooth Bore Bushings

6-16 Snap-in Smooth Bore Bushings

6-17 HEYCo-molded Liquid Tight Break-Thru (Bushings) Plugs

6-18 Snap-In Liquid Tight Bushings - Pg

6-18 Snap-In Liquid Tight Bushings - Metric

6-19 Rubber Grommets for .063 Thick Panels

6-20 Rubber Grommets for .063 to .125 Thick Panels

6-21 Rubber Grommets for .125 to .188 Thick Panels

6-22 Thick Panel Rubber Grommets for .250 & .375 Thick Panels

6-23 Dome Plugs

6-24 Thick Panel Dome Plugs

6-25 Shorty Plugs

6-26 Thin Panel Dome Plugs

6-27 Halogen & Phosphorus-Free 94V-0 Hole Plugs

6-28 Extra Dome Plugs

6-28 Snap-In Metric Dome Plugs

6-29 Glossy Plugs

6-29 Thick Panel Glossy Plugs

6-30 Pry Out Plugs

6-31 Metric Ergonomic Plugs

6-31 Insulation Plug

6-32 Double D & Blanking Plugs

6-33 Window Plugs

6-34 Shorty Window Plugs & Oval Window Plug

6-35 Knock-Out Seals, Thick Panel & V-0 Knock-Out Seals

6-36 Heyco V-0 Liquid Tight Hole Plugs

6-37 Liquid Tight Threaded Plugs

6-38 HEYCo-molded Liquid Tight Break-Thru Plugs

6-39 D-Subminiature HEYCaps

6-39 EMC HEYCaps

6-40 D-Subminiature Mounting Hole Plugs

6-40 IEC-14 Plug

6-41 USB and RJ HEYCaps and Plugs

6-42 Pg Threaded Plugs

6-42 Metric Threaded Plugs

6-43 Threaded Plugs for Straight Threaded Ports – NPS, SAE & ISO

6-44 Push-In Threaded Plugs

6-44 TEMPlugs for NPT Threaded Ports

6-45 HEYCap Tapered Caps & Plugs – NPT

6-46 HEYCap Tapered Caps & Plugs – SAE

6-47 LDPE Sheet Metal Plugs – Recessed Head

6-47 Sheet Metal Plugs – Flush Head

6-48 HEYCaps for Round Tubing - CRT

6-48 Plugs for Round Tubing - PRT

6-49 Plugs for Square Tubing - PST

6-49 Plugs for Square Tubing - PSTR

6-50 Ergonomic Plugs for Square Tubing - PSTE

6-50 Plugs for Rectangular Tubing - PZT

6-51 Custom Engraved Tops Capability

6-51 Stock & Custom Colors Availabilty

Heyco® Bushings LabKit #2 Part Number 2999

Heyco® Grommets LabKit #7 Part Number 2995

Heyco® Hole Plugs #3 Part Number 2997

HEYCO

ALL NEW PRODUCTS!

HEYConnect™ Terminal Bushings

- Small, snap-in nylon receptacles for low cost, insulated, quick connection or disconnection of your wires, through panels, housings or detachable shrouds.
- Typical uses are data processing and vending machines, motors, power supplies, and controls.
- Non-polarized HEYConnects feature 1/4″ (6,4 mm) internal brass male terminals, to mate with standard 1/4″ (6,4 mm) female Quick-Connects.
- Polarized HEYConnects feature 1/4″ (6,4 mm) and 3/16″ (4,7 mm) internal brass male terminals, to mate with standard 1/4″ and 3/16″ female Quick-Connects.
- Two-terminal HEYConnect bodies feature markings that correlate the terminals, front to back.
- Available in double-male and male-solder configurations.
- See schematics on page 6-2.

Bushings with Double Male Terminals

TERMINALS			PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.	
			A		B		C				D	
No. of Poles	Width		Mounting Hole Hole Diameter		To Prevent Rotation		Maximum Panel Thickness				Overall Length	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.
Non-polarized												
1	.25	6,4	.500	12,7	.465	11,8	.125	3,2	**4240**	DC 50-1-M/M	.94	23,9
									4250	DC 50-1-M/M Tinned		
1	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4380**	DC 68-1-M/M		
2	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4440**	DC 68-2-M/M		
Polarized												
1	.19	4,8	.687	17,4	.640	16,3	.125	3,2	**4428**	DC 68-2-M/M Polarized	.94	23,9
1	.25	6,4										

Bushings with Tinned Male to Solder Terminals

TERMINALS			PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.	
			A		B		C				D	
No. of Poles	Width		Mounting Hole Diameter		To Prevent Rotation		Maximum Panel Thickness				Overall Length	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.
Non-polarized												
1	.25	6,4	.500	12,7	.465	11,8	.125	3,2	**4270**	DC 50-1-M/S-Tinned	.92	23,4
1	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4410**	DC 68-1-M/S-Tinned		
2	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4470**	DC 68-2-M/S-Tinned		
Polarized												
1	.19	4,8	.687	17,4	.640	16,3	.125	3,2	**4468**	DC 68-2-M/S-Pol Tinned	.92	23,4
1	.25	6,4										

Standard color black. Consult Heyco for white and other colors.

Quick Specs

Material		Polycarbonate
Certifications	c UL us	Recognized under the Component Program of Underwriters' Laboratories File E467283 to both Canadian and US Requirements
Flammability Rating		94V-0
Temperature Range		32°F (0°C) to 266°F (130°C)

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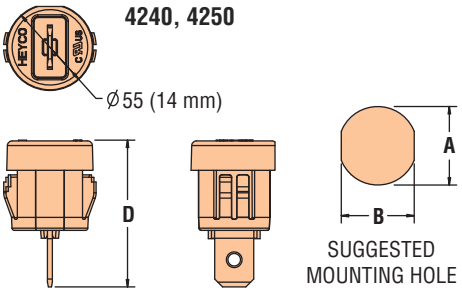
HEYConnect™ Terminal Bushings - Schematics

4240, 4250



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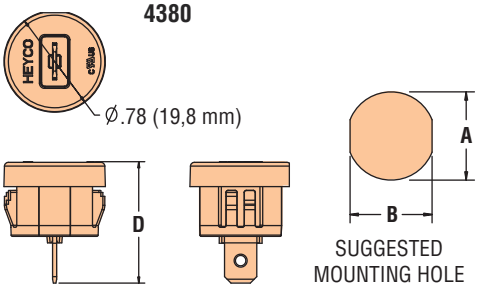

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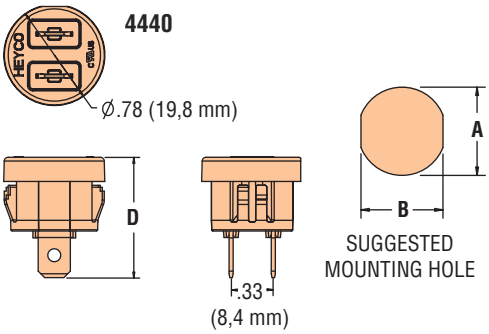

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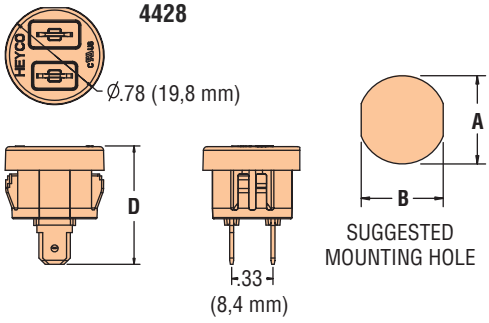

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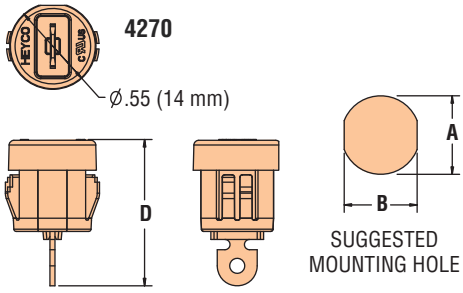

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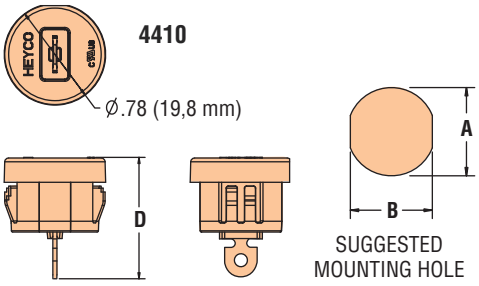

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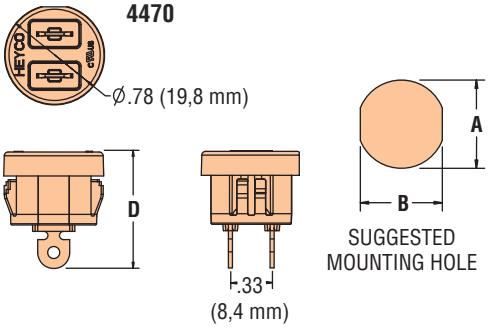

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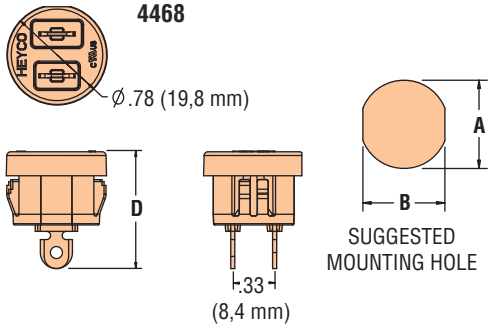
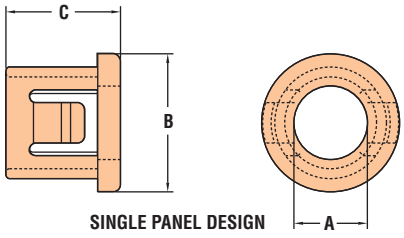


HEYCO

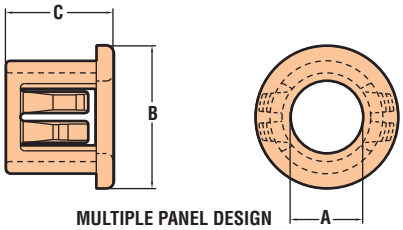
Heyco® Snap Bushings

Mounting Hole Diameter Range: .250″ (6,4 mm) to .875″ (22,2 mm)

- **Convert raw-edged holes to smooth, neat, insulated holes.**
- Insulate and mechanically protect electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of 35 pounds.
- Available in multiple sizes for use in .250″ (6,4 mm) to 6.00″ (152,4 mm) diameter holes.
- We offer the following brass-colored parts for lamp and lighting applications:
  Part No. 2012, SB 312-3 Brass
  Part No. 2033, SB 375-4 Brass
  Part No. 2041, SB 437-4 Brass



SINGLE PANEL DESIGN



MULTIPLE PANEL DESIGN

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS					
					A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.	in.	mm.
Single Locking Step for Panel Thickness up to .040″ (1,0 mm)										
.250	6,4	**2003**	**2004**	SB 250-040	.13	3,2	.31	7,9	.31	7,9
Single Locking Step for Panel Thickness up to .062″ (1,6 mm)										
.250	6,4	**2000**	**2001**	SB 250-2	.14	3,6	.31	7,9	.31	7,9
.312	7,9	**2010**	**2011**	SB 312-3	.19	4,8	.38	9,5		
Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)										
.375	9,5	**2020**	**2021**	SB 375-3	.19	4,8	.47	11,9	.41	10,3
		2030	**2031**	SB 375-4	.25	6,4				
.437	11,1	**2042**	**2037**	SB 437-243	.24	6,2	.53	13,5		
		2038	**2039**	SB 437-4	.27	6,8				
		2043	**2044**	SB 437-5	.31	7,9				
.500	12,7	**2058**	**2059**	SB 500-4	.25	6,4	.57	14,5		
		2049	**2050**	SB 500-5	.31	7,9				
		2053	**2054**	SB 500-6	.39	9,9				
.562	14,3	**2060**	**2061**	SB 562-5	.31	7,9	.66	16,7		
		2063	**2064**	SB 562-6	.39	9,9				
		2066	**2067**	SB 562-7	.44	11,1				
.625	15,9	**2075**	**2078**	SB 625-4	.25	6,4	.72	18,2		
		2070	**2071**	SB 625-7	.44	11,1				
		2073	**2074**	SB 625-8	.50	12,7				
.687	17,4	**2083**	**2084**	SB 687-8	.50	12,7	.78	19,8		
		2086	**2087**	SB 687-9	.56	14,3				
.750	19,1	**2090**	**2091**	SB 750-6	.39	9,9	.85	21,6		
		2092	**2099**	SB 750-8	.50	12,7				
		2093	**2094**	SB 750-9	.56	14,3				
		2096	**2097**	SB 750-10	.61	15,5				
.812	20,6	**2100**	**2101**	SB 812-9	.56	14,3	.89	22,6		
		2103	**2104**	SB 812-10	.63	15,9				
.875	22,2	**2110**	**2111**	SB 875-6	.38	9,5	.95	24,2	.45	11,5
		2113	**2114**	SB 875-7	.44	11,1				
		2116	**2117**	SB 875-8	.50	12,7				
		2120	**2121**	SB 875-9	.56	14,3				
		2123	**2124**	SB 875-10	.63	15,9				
		2126	**2127**	SB 875-11	.69	17,5				

Standard colors black and white. Consult Heyco for other colors.

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

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HEYCO

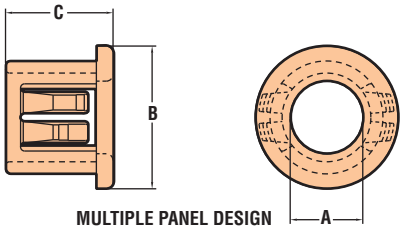
Heyco® Snap Bushings

Mounting Hole Diameter Range: 1.000″ (25,4 mm) to 6.0″ (152,4 mm)

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS					
					A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)										
1.000	25,4	**2140**	**2141**	SB 1000-12	.77	19,4	1.13	28,6	.45	11,5
1.093 - 1.125	27,8 - 28,6	**2160** **2163** **2166**	**2161** **2164** **2167**	SB 1093-13 SB 1093-14 SB 1093-15	.81 .88 .94	20,6 22,2 23,8	1.22	30,9		
1.187	30,2	**2182**	**2183**	SB 1187-15	.94	23,8	1.31	33,3		
1.250	31,8	**2198**	**2199**	SB 1250-15	.94	23,8	1.36	34,5		
		2201	**2202**	SB 1250-16	1.00	25,4	1.31	33,3		
1.375	34,9	**2207** **2210**	**2208** **2211**	SB 1375-14 SB 1375-16	.88 1.01	22,2 25,8	1.49	37,9		
1.500	38,1	**2233** **2236** **2240**	**2234** **2237** **2241**	SB 1500-17 SB 1500-18 SB 1500-21	1.06 1.13 1.31	27,0 28,6 33,3	1.61	40,9		
1.750	44,5	**2300**	**2301**	SB 1750-22	1.38	34,9	1.88	47,6		
2.000	50,8	**2400** **2406**	**2401** **2414**	SB 2000-26 SB 2000-28	1.64 1.75	41,6 44,5	2.13	54,0		
Multiple Locking Steps for Panel Thickness up to .250″ (6,4 mm)										
2.093 2.250 2.500	53,1 57,2 63,5	**2415** **2417** **2420**	**2416** **2418** **2421**	SB 2.093-29 SB 2.250-29 SB 2.500-31	1.81 1.86 1.97	46,0 47,1 50,0	2.35 2.48 2.66	59,7 63,1 67,5	.72	18,3
3.000	76,2	**2461** **2424**	**2462** **2425**	SB 3.000-39 SB 3.000-44	2.47 2.75	62,7 69,9	3.15 3.16	80,0 80,2	.75 .72	19,1 18,3
3.375 3.500	85,7 88,9	**2407** **2470**	**2408** **2471**	SB 3.375-45 SB 3.500-47	2.81 2.94	71,4 74,7	3.66	93,0	.72	18,3
4.000	101,6	**2479**	**2480**	SB 4.000-55	3.47	88,1	4.15	105,4		
5.000 6.000	127,0 152,4	**2409** **2484**	**2410** **2485**	SB 5.000-70 SB 6.000-86	4.38 5.38	113,8 139,2	5.22 6.22	132,6 157,9	.74	18,8

Standard colors black and white. Consult Heyco for other colors.

- **Convert raw-edged holes to smooth, neat, insulated holes.**
- Insulate and mechanically protect electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of 35 pounds.
- Available in multiple sizes for use in .250″ (6,4 mm) to 6.00″ (152,4 mm) diameter holes.
- We offer the following brass-colored parts for lamp and lighting applications:
  Part No. 2012, SB 312-3 Brass
  Part No. 2033, SB 375-4 Brass
  Part No. 2041, SB 437-4 Brass



MULTIPLE PANEL DESIGN

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

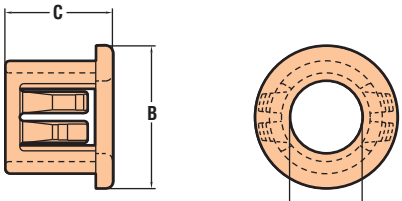
Heyco® Reducer Snap Bushings

Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)
Mounting Hole Diameter Range: .375˝ (9,5 mm) to 2.0˝ (50,8 mm)

- **Reduce hole size** and convert raw-edged holes to smooth, neat, insulated holes.
- Insulate and mechanically protect electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Provide a neater look where cable O.D. to bushing I.D. clearance is minimized.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of 35 pounds.
- Available in multiple sizes for use in .375˝ (9,5 mm) to 2.000˝ (50,8 mm) diameter holes.

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS					
					A Reduced Inside Diameter*		B Head Diameter		C Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.	in.	mm.
.375	9,5	**2020**	**2021**	SB 375-3	.19	4,8	.47	11,9	.41	10,3
.437	11,1	**2042** **2038**	**2037** **2039**	SB 437-243 SB 437-4	.24 .27	6,2 6,8	.53	13,5		
.500	12,7	**2058** **2049**	**2059** **2050**	SB 500-4 SB 500-5	.25 .31	6,4 7,9	.57	14,5		
.562	14,3	**2060** **2063**	**2061** **2064**	SB 562-5 SB 562-6	.31 .39	7,9 9,9	.66	16,7		
.625	15,9	**2075** **2070**	**2078** **2071**	SB 625-4 SB 625-7	.25 .44	6,4 11,1	.72	18,2		
.687	17,4	**2083**	**2084**	SB 687-8	.50	12,7	.78	19,8		
.750	19,1	**2090** **2092** **2093**	**2091** **2099** **2094**	SB 750-6 SB 750-8 SB 750-9	.39 .50 .56	9,9 12,7 14,3	.85	21,6		
.812	20,6	**2100**	**2101**	SB 812-9	.56	14,3	.89	22,6		
.875	22,2	**2110** **2113** **2116** **2120** **2123**	**2111** **2114** **2117** **2121** **2124**	SB 875-6 SB 875-7 SB 875-8 SB 875-9 SB 875-10	.38 .44 .50 .56 .63	9,5 11,1 12,7 14,3 15,9	.95	24,2	.45	11,5
1.093- 1.125	27,8- 28,6	**2160** **2163**	**2161** **2164**	SB 1093-13 SB 1093-14	.81 .88	20,6 22,2	1.22	30,9		
1.250	31,8	**2198**	**2199**	SB 1250-15	.94	23,8	1.36	34,5		
1.375	34,9	**2207**	**2208**	SB 1375-14	.88	22,2	1.49	37,3		
1.500	38,1	**2233** **2236**	**2234** **2237**	SB 1500-17 SB 1500-18	1.06 1.13	27,0 28,6	1.61	40,9		
2.000	50,8	**2400**	**2401**	SB 2000-26	1.64	41,6	2.13	54,0		

Standard colors black and white. Consult Heyco for other colors.
*Reduced inside diameters. For our complete line of Snap Bushings, see pages 6-3 & 6-4.



MULTIPLE PANEL DESIGN

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

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HEYCO

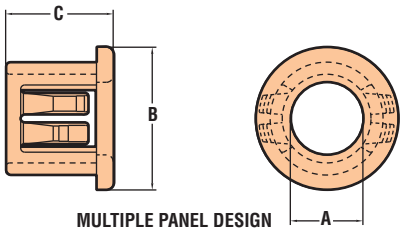
Heyco® Thick Panel Snap Bushings

Mounting Hole Diameter Range: .375″ (9,5 mm) to 2.0″ (50,8 mm)

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS					
					A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.	in.	mm.
Single Locking Step for Panel Thickness up to .170″ (4,3 mm)										
.375	9,5	**2017**	**2018**	SB 375-281	.28	7,1	.47	11,9	.41	10,3
1.000	25,4	**3085**	**3088**	SBT 1000-790*	.79	20,1	1.13	28,8	.45	11,4
Multiple Locking Steps for Panel Thickness up to .250″ (6,4 mm)										
.500	12,7	**3126**	**3127**	SBT 500-6	.39	9,9	.58	14,7	.56	14,3
.625	15,9	**2830**	**2831**	SB 625-500**	.50	12,7	.70	17,9	.53	13,5
.750	19,1	**2840**	**2841**	SB 750-625**	.63	15,9	.83	21,0		
.875	22,2	**3104**	**3105**	SBT 875-11	.69	17,5	.95	24,2	.56	14,3
1.000	25,4	**3108**	**3109**	SBT 1000-12	.77	19,4	1.13	28,6		
1.093-1.125	27,8-28,6	**3128**	**3129**	SBT 1093-15	.94	23,8	1.22	30,9		
1.187	30,2	**3130**	**3131**	SBT 1187-15	.94	23,8	1.31	33,3		
1.250	31,8	**3132**	**3133**	SBT 1250-16	1.00	25,4	1.31	33,2		
1.375	34,9	**3110**	**3111**	SBT 1375-16	1.00	25,4	1.50	38,1		
1.500	38,1	**3112**	**3113**	SBT 1500-21	1.31	33,3	1.62	41,2		
1.750	44,5	**3114**	**3115**	SBT 1750-22	1.38	34,9	1.88	47,6		
2.000	50,8	**3116**	**3117**	SBT 2000-26	1.63	41,3	2.13	54,0		

Standard colors black and white. Consult Heyco for other colors.
*Notched head, triple locking finger design.
**Single Locking Step for Panel Thickness up to .250″ (6,4 mm).

- **For use in mounting panels up to 1/4″ thick.**
- Convert raw-edged holes to smooth, neat, insulated holes.
- Insulate and mechanically protect electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of >35 pounds.
- Available in multiple sizes for use in .375″ (9,5 mm) to 2.000″ (50,8 mm) diameter holes.



MULTIPLE PANEL DESIGN

Heyco® Knock-Out Snap Bushings

For use in electrical boxes and enclosures up to thicknesses shown.

BOX HOLE DIAMETER		TRADE SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS					
					A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.				in.	mm.	in.	mm.	in.	mm.
Multiple Locking Steps for Box Thickness up to .125″ (3,2 mm)										
.875	22,2	**1/2**	**2126**	SB 875-11	.69	17,5	.95	24,2	.45	11,5
1.093-1.125	27,8-28,6	**3/4**	**2166**	SB 1093-15	.94	23,8	1.22	30,9		
1.375	34,9	**1**	**2210**	SB 1375-16	1.01	25,8	1.49	37,3		
1.750	44,5	**1-1/4**	**2300**	SB 1750-22	1.38	34,9	1.88	47,6		
2.000	50,8	**1-1/2**	**2406**	SB 2000-28	1.75	44,5	2.13	54,0		
Multiple Locking Steps for Box Thickness up to .250″ (6,4 mm)										
2.500	63,5	**2**	**2420**	SB 2.500-31	1.97	50,0	2.66	67,5	.72	8,3

Standard color black. Consult Heyco for white and other colors. For thicker boxes, see below.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331 Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

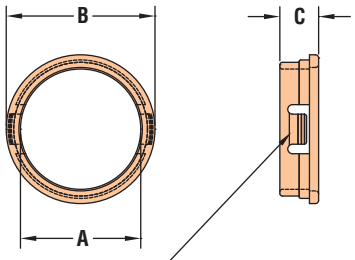
Heyco® Thin Panel Bushings

Multiple Locking Steps for Panels as Thin as .020˝ (0,5 mm)
Mounting Hole Diameter Range: .218˝ (5,5 mm) to .875˝ (22,2 mm)*

- **For use in panels as thin as .020˝ (0,5 mm)**.
- Convert raw-edged holes to smooth, neat, insulated holes.
- Insulate and mechanically protect electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of greater than 35 pounds.
- Available in multiple sizes for use in .218˝ (5,5 mm) to .875˝ (22,2 mm) diameter holes.

PANEL DIMENSIONS				PART NO.		DESCRIPTION	PART DIMENSIONS					
Thickness at Locking Finger Steps		Mounting Hole Diameter*		Black	White		A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
Three Steps to .048˝ (1,2 mm) Thick												
.020 .032 .048	0,5 0,8 1,2	.218	5,5	2859N	2860N	B 218-125N	.13	3,2	.28	7,1	.24	6,0
		.250	6,4	2003N	2004N	B 250-187N	.19	4,7	.31	7,9		
		.281	7,1	2853N	2854N	B 281-218N	.22	5,5	.34	8,7		
		.312	7,9	2810N	2811N	B 312-250N	.25	6,3	.38	9,5		
		.343	8,7	2856N	2857N	B 343-218N	.28	5,5	.41	10,3	.25	6,4
		.375	9,5	2803N	2804N	B 375-250N	.25	6,3	.44	11,1		
Five Steps to .064˝ (1,6 mm) Thick												
.020	0,5	.500	12,7	2820N	2821N	B 500-375N	.38	9,5	.56	14,3	.25	6,4
.032	0,8	.625	15,9	2827N	2828N	B 625-500N	.50	12,7	.70	17,9		
.040	1,0	.750	19,1	2836N	2837N	B 750-625N	.63	15,9	.94	23,8		
.064	1,6	.875	22,2	2850N	2851N	B 875-750N	.75	19,0	.95	24,0		

Standard colors black and white. Consult Heyco for other colors.
*Consult Heyco for other mounting hole diameters. Our Axcell Rapid Response Team is ready to meet your requirements.



MULTIPLE FINGER STEPS FOR TIGHT, FINISHED PANEL FIT.

Heyco® Thin Panel versus Shorty Bushings

Choose from Multiple Locking Steps, for the Fit and Finish Your Application Requires

Mounting Hole Diameter		PANEL DIMENSIONS Maximum Thickness Locking Steps inches/millimeters					PART NO.		DESCRIPTION
		.020 0,5	.032 0,8	.040 1,0	.048 1,2	.064 1,6	Black	White	
in.	mm.								
.218	5,5	x	x		x		2859N	2860N	B 218-125N
						x	2859	2860	B 218-125
.250	6,4	x	x		x		2003N	2004N	B 250-187N
.281	7,1	x	x		x		2853N	2854N	B 281-218N
						x	2853	2854	B 281-218
.312	7,9	x	x		x		2810N	2811N	B 312-250N
						x	2810	2811	B 312-250
.343	8,7	x	x		x		2856N	2857N	B 343-218N
						x	2856	2857	B 343-218
.375	9,5	x	x		x		2803N	2804N	B 375-250N
						x	2803	2804	B 375-250
.500	12,7	x	x	x	x	x	2820N	2821N	B 500-375N
						x	2820	2821	B 500-375
.625	12,7	x	x	x	x	x	2827N	2828N	B 625-500N
						x	2827	2828	B 625-500
.750	19,1	x	x	x	x	x	2836N	2837N	B 750-625N
						x	2836	2837	B 750-625
.875	22,2	x	x	x	x	x	2850N	2851N	B 875-750N
						x	2850	2851	B 875-750

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331 Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

Quick Specs

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HEYCO

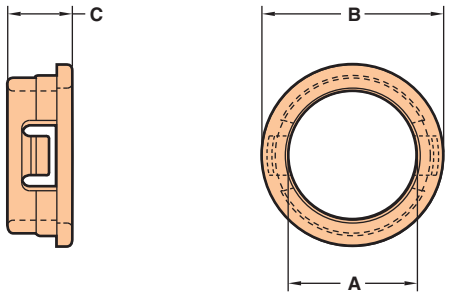
Heyco® Shorty Bushings

Single Locking Step for Panel Thickness up to .062˝ (1,6 mm)
Mounting Hole Diameter Range: .187˝ (4,7 mm) to 1.093˝ (27,8 mm)

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS					
					A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.	in.	mm.
.187	4,7	**2800**	**2801**	B 187-125	.13	3,2	.25	6,4	.24	6,0
.218	5,5	**2859**	**2860**	B 218-125	.13	3,2	.28	7,1		
.281	7,1	**2853**	**2854**	B 281-218	.22	5,5	.34	8,7		
.312	7,9	**2810**	**2811**	B 312-250	.25	6,3	.38	9,5		
.343	8,7	**2856**	**2857**	B 343-218	.22	5,5	.41	10,3	.25	6,4
.375	9,5	**2803**	**2804**	B 375-250	.25	6,3	.44	11,1		
.406	10,3	**2806**	**2807**	B 406-281	.28	7,1	.47	11,9		
.437	11,1	**2813**	**2814**	B 437-312	.31	7,9	.50	12,7		
.468	11,9	**2817**	**2818**	B 468-343	.34	8,6	.53	13,5		
.500	12,7	**2820**	**2821**	B 500-375	.38	9,5	.56	14,3		
.531	13,5	**2824**	**2825**	B 531-406	.41	10,3	.59	15,1		
.593	15,1	**2833**	**2834**	B 593-468	.47	11,9	.66	16,7		
.625	15,9	**2827**	**2828**	B 625-500	.50	12,7	.70	17,9		
.750	19,1	**2836**	**2837**	B 750-625	.63	15,9	.83	21,0		
.781	19,8	**2844**	**2845**	B 781-625	.63	15,9	.86	21,8		
.875	22,2	**2850**	**2851**	B 875-750	.75	19,0	.95	24,0		
1.000	25,4	**2847**	**2848**	B 1000-875	.88	22,3	1.06	27,0		
1.093	27,8	**2838**	**2839**	B 1093-969	.97	24,6	1.16	29,4	.26	6,5

Standard colors black and white. Consult Heyco for other colors.

- **For use in panels .062˝ (1,6 mm) and thinner**.
- Lower overall height protrudes less through thin mounting panels; thus Shorty Bushings occupy less "real estate" inside your application.
- Insulating feed-thru bushings for limited internal clearance (minimum .125˝ (3,2 mm) applications.
- Insulate and isolate electric or telecommunications cables as well as low RPM shafts and push-pull rods.
- Locking fingers hold securely after only fingertip pressure snap-in installation.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Available in multiple sizes for use in mounting holes from .187˝ (4,7 mm) to 1.093˝ (27,8 mm).



SINGLE PANEL DESIGN (PANEL MAY BE THINNER)

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

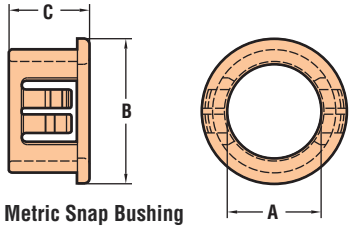
Heyco® Metric Snap Bushings

Multiple Locking Steps for Panel Thickness up to 2,5 mm (.098″)
Mounting Hole Diameter Range: 16,0 mm (.630″) to 32,0 mm (1.260″)

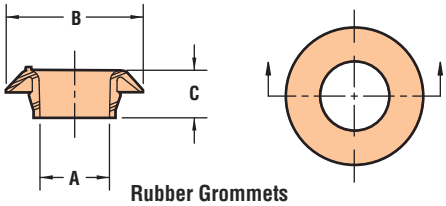
- Same design as Heyco Snap Bushings but **designed for metric sized mounting holes**.
- Convert raw-edged holes to smooth, neat insulated holes.
- Locking fingers snap into holes with fingertip pressure.
- Withstand a push back force of 35 pounds.
- Lock firmly into panel up to 2,5 mm (.098″) thick.
- Multiple sizes for use in 16,0 mm (.630″) to 32,0 mm (1.260″) diameter holes. For other metric sizes, consult Heyco.
- For our complete range of Snap Bushings, see pages 6-3 thru 6-8.

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS					
				A Inside Diameter		B Head Diameter		C Overall Height	
mm.	in.	Black		mm.	in.	mm.	in.	mm.	in.
16,0	.630	**2142**	MSB 16-12	12,0	.47	18,5	.73	10,3	.41
20,0	.787	**2144**	MSB 20-16	16,0	.63	22,6	.89		
25,0	.984	**2146**	MSB 25-19	19,0	.75	27,8	1.09	11,5	.45
32,0	1.260	**2148**	MSB 32-26	26,0	1.02	34,9	1.38		

Standard color black. Consult Heyco for white and other colors.



Metric Snap Bushing



Rubber Grommets

Heyco® UL Listed Thermoplastic Rubber Grommets

For Panel Thickness from .03″ (0,8 mm) to .08″ (2,0 mm)
Mounting Hole Diameter Range: .500″ (12,7 mm) to 1.250″ (31,8 mm)

- **Convert raw-edged holes to smooth, neat, insulated holes**.
- Retaining bead snaps securely into place.
- Insulate and mechanically protect cable, tubing, hose, rope, rods, and shafts.
- UL approved for applications up to 122° F (50°C).
- Six diameters fit panel thickness from .03″ (0,8 mm) to .08″ (2,0 mm).

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS					
				A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
.500	12,7	**G1505**	TG 500	.41	10,4	.81	20,6	.28	7,1
.625	15,9	**G1506**	TG 625	.52	13,2	.93	23,6	.31	7,9
.750	19.1	**G1507**	TG 750	.65	16,5	1.06	26,9	.35	8,9
.875	22,2	**G1508**	TG 875	.77	19,6	1.19	30,2		
1.000	25,4	**G1509**	TG 1000	.89	22,6	1.32	33,5		
1.250	31,8	**G1510**	TG 1250	1.12	28,4	1.60	40,6		

Molded from Thermoplastic Rubber.

Material	MSB	6/6 Nylon
Certifications		Recognized under the Component Program of Underwriters' Laboratories File E15331
		Certified by the Canadian Standards Association File 8919
Flammability Rating		94V-2
Temperature Range		-.4°F (-18°C) to 221°F (105°C)
Material	TG	Flex Temp (Thermoplastic Rubber)
Certifications		Listed under Underwriters' Laboratories File E15331
Temperature Range		32°F (0°C) to 122°F (50°C)

Quick Specs

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HEYCO

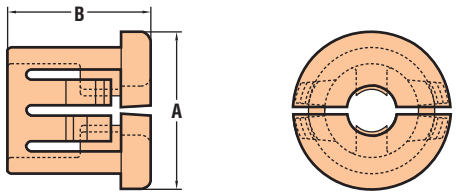
Heyco® Snub Bushings

Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)
Mounting Hole Diameter Range: .375˝ (9,5 mm) to .875˝ (22,2 mm)

MOUNTING HOLE DIAMETER		APPROXIMATE CABLE DIAMETER* ACCOMMODATED		PART NO. Black	DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
in.	mm.	in.	mm.			in.	mm.	in.	mm.
.375	9,5	1/8	3,2	**2034**	K 375-125	.46	11,7	.42	10,7
.437	11,1	3/16	4,8	**2047**	K 437-187	.47	11,9	.44	11,2
.500	12,7	1/4	6,4	**2057**	K 500-250	.56	14,2		
.625	15,9	3/8	9,5	**2068**	K 625-375	.73	18,5		
.750	19,1	1/2	12,7	**2088**	K 750-500	.91	23,0		
.875	22,2	5/8	15,9	**2109**	K 875-625	1.02	25,8	.48	12,3

Standard color black. Consult Heyco for white and other colors.
*Consult Heyco for other Mounting Hole and Inside Diameter configurations. Our Axcell Rapid Response Team is ready to meet your requirements.

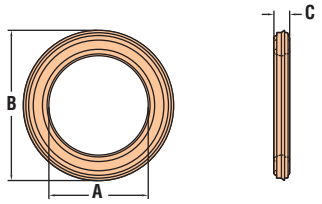
- **The ID opens to accept the cable then closes firmly** when installed into the mounting hole.
- Provide insulation plus light strain relief.
- Suitable for 1/8˝ (3,2 mm) to 5/8˝ (15,9 mm) diameter cable, tubing or hose.



Heyco® Sealing Washers

WILL FIT THESE ELECTRICAL FITTING NPT TRADE SIZES	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Inside Diameter		B Outside Diameter		C Thickness	
			in.	mm.	in.	mm.	in.	mm.
1/4	**3258**	SW 1/4	.54	13,7	.80	20,2	.13	3,2
3/8	**3259**	SW 3/8	.67	17,0	1.01	25,5		
1/2	**3260**	SW 1/2	.85	21,6	1.24	31,5		
3/4	**3261**	SW 3/4	1.03	26,2	1.50	38,1	.14	3,4
1	**3262**	SW 1	1.28	32,5	1.77	45,0	.18	4,4
1-1/4	**3264**	SW 1-1/4	1.66	42,2	2.16	54,8	.16	4,1
1-1/2	**3265**	SW 1-1/2	1.86	47,2	2.44	62,0		
2	**3257**	SW 2	2.32	58,9	2.93	74,4	.18	4,6

- **Make fittings and connectors liquid tight, dust tight, and oil tight** at enclosure.
- Suitable for wet locations requiring a separate gasket between the box and fitting.
- Also suitable for other panel sealing applications.
- Easy to install since washers seal off on the perimeter, not on the connector threads.
- Special double sealing ridges compensate for minor unevenness at enclosure.
- Quick Specs below do not apply.



Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331 Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

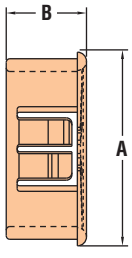
Heyco® Universal Bushings

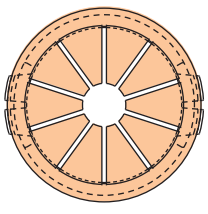
Mounting Hole Diameter Range: .500˝ (12,7 mm) to 3.000˝ (76,2 mm)

- **Flexible shutters adjust to accommodate and support any shape** from .125˝ (3,2 mm) to a maximum inside diameter of 2.470˝ (62,7 mm).
- Absorb vibration and cushion and insulate cables, tubing, hoses or shafts.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Fingertip pressure snap-locks the bushing into its mounting hole.

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS					
					Maximum Inside Diameter		A Head Diameter		B Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)										
.500	12,7	**2055**	**2056**	UB 500	.31	7,6	.60	15,2	.39	9,8
.625	15,9	**2077**	**2076**	UB 625	.44	11,1	.73	18,5	.41	10,3
.750	19,1	**2089**	**2085**	UB 750	.50	12,7	.84	21,4	.39	9,9
.812	20,6	**2106**	**2107**	UB 812	.50	12,7	.89	22,6		
.875	22,2	**2119**	**2129**	UB 875	.56	14,3	.94	23,8	.45	11,5
		2118	–	UB 875-112*						
1.000	25,4	**2137**	**2138**	UB 1000	.75	19,1	1.06	27,0	.44	11,2
1.093	27,8	**2157**	**2162**	UB 1093	.81	20,6	1.16	29,5	.45	11,5
1.187	30,2	**2153**	**2154**	UB 1187	.95	24,1	1.25	31,8		
1.250	31,8	**2155**	**2156**	UB 1250	1.02	25,8	1.31	33,4		
1.375	34,9	**2184**	**2185**	UB 1375	1.00	25,4	1.49	37,8		
		2187	–	UB 1375-1750	1.00	25,4	1.75	44,5		
1.500	38,1	**2213**	**2214**	UB 1500	1.06	26,9	1.61	40,9		
1.750	44,5	**2298**	**2299**	UB 1750	1.38	34,9	1.87	47,5	.47	11,8
2.000	50,8	**2422**	**2423**	UB 2000	1.64	41,6	2.13	54,0	.49	12,4
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)										
2.500	63,5	**2440**	**2441**	UB 2.500	1.97	50,0	2.63	66,8	.75	19,05
3.000	76,2	**2460**	**2463**	UB 3.000	2.47	62,7	3.15	80,0		

Standard colors black and white. Consult Heyco for other colors.
*UB 875-112 inside diameter adjusts for 1/8˝ to 5/8˝ cables; UB 875 adjusts for 3/16˝ to 9/16˝ cables.





Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

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HEYCO

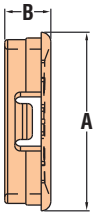
Heyco® Shorty Universal Bushings

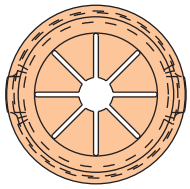
Single Locking Step for Panel Thickness up to .062˝ (1,6 mm)
Mounting Hole Diameter Range: .500˝ (12,7 mm) to 1.093˝ (27,8 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS					
				Maximum Inside Diameter		A Head Diameter		B Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
.500	12,7	**2858**	SUB 500	.31	7,6	.60	15,2	.25	6,4
.625	15,9	**2861**	SUB 625	.44	11,1	.73	18,5		
.750	19,1	**2862**	SUB 750	.50	12,7	.86	21,8		
.875	22,2	**2863**	SUB 875	.56	14,3	.94	23,8		
1.000	25,4	**2864**	SUB 1000	.75	19,0	1.06	27,0		
1.093	27,8	**2158**	SUB 1093	.81	20,6	1.16	29,4		

Standard color black. Consult Heyco for white and other colors.

- **For use in mounting panels .062˝ (1,6 mm) and thinner.**
- Absorb vibration and cushion and insulate cables, tubing, hoses or shafts with limited internal clearance.
- Flexible shutters adjust to accommodate and support any shape from .125˝ (3,2 mm) to a maximum inside diameter of .812˝ (20,6 mm).
- Fingertip pressure snap-locks the bushing into its mounting hole.
- **See Quick Specs on 6-11.**





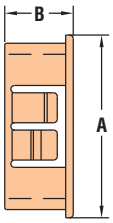
Heyco® Thick Panel Universal Bushings

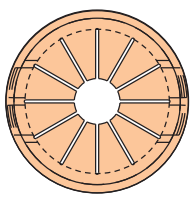
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)
Mounting Hole Diameter Range: .500˝ (12,7 mm) to 1.500˝ (38,1 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS					
				Maximum Inside Diameter		A Head Diameter		B Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
.500	12,7	**3001**	UBT 500	.31	7,6	.60	15,2	.55	13,8
.625	15,9	**3118**	UBT 625*	.44	11,1	.73	18,5	.51	13,0
.750	19,1	**3119**	UBT 750*	.50	12,7	.84	21,4	.55	13,8
.875	22,2	**3120**	UBT 875	.56	14,3	.94	23,8		
1.000	25,4	**3121**	UBT 1000	.75	19,1	1.06	27,0		
1.093	27,8	**3002**	UBT 1093	.81	20,6	1.16	29,5		
1.375	34,9	**3003**	UBT 1375	1.00	25,4	1.49	37,8	.56	14,2
1.500	38,1	**3122**	UBT 1500	1.06	26,9	1.61	40,9		

Standard color black. Consult Heyco for white and other colors.
*Single Locking Step for Panel Thickness up to .250˝ (6,4 mm).

- **For use in mounting panels up to .250˝ thick.**
- Flexible shutters to absorb vibration on the inside diameter.
- Insulate and mechanically protect electrical and telecommunications cables, tubing, hose, rope, and utility lines.
- Withstand a push back force of 35 pounds.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Available in multiple sizes for use in .500˝ (12,7 mm) to 1.500˝ (38,1 mm) diameter holes.
- **See Quick Specs on 6-11.**





HEYCO

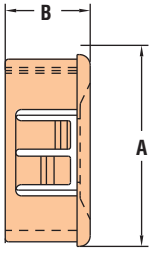
Heyco® Open/Closed Universal Bushings

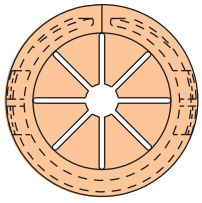
Mounting Hole Diameter Range: .500˝ (12,7 mm) to 2.500˝ (63,5 mm)

- **Split design allows side entry** and encirclement of preassembled harnesses, power cords, capillary tubes or other assemblies that have segments larger than the bushing's ID.
- Parts can be assembled into holes that already contain cables or tubing.
- Only fingertip pressure required to snap-lock the bushing into its mounting hole.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Flexible shutters adjust to accommodate and support any shape from .125˝ (3,2 mm) to a maximum inside diameter of 1.970˝ (43,2 mm).
- Absorb vibration, cushion and insulate cables, tubing, hoses or shafts.
- Available in multiple sizes for use in .500˝ (12,7 mm) to 2.500˝ (63,5 mm) diameter holes.

MOUNTING HOLE DIAMETER		PART NO. Black	DESCRIPTION	PART DIMENSIONS					
				Maximum Inside Diameter		A Head Diameter		B Overall Height	
in.	mm.			in.	mm.	in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)									
.500	12,7	**2055SP**	OCUB 500	.31	7,6	.56	14,2	.39	9,8
.625	15,9	**2077SP**	OCUB 625	.44	11,1	.69	17,5		
.750	19,1	**2089SP**	OCUB 750	.50	12,7	.50	20,3		
.875	22,2	**2119SP**	OCUB 875	.56	14,3	.92	23,4		
1.000	25,4	**2137SP**	OCUB 1000	.75	19,1	1.05	26,7	.41	10,3
1.093	27,8	**2157SP**	OCUB 1093	.81	20,6	1.16	29,5		
1.250	31,8	**2196SP**	OCUB 1250	.94	23,8	1.44	36,6		
1.375	34,9	**2184SP**	OCUB 1375	1.00	25,4	1.44	36,6		
1.500	38,1	**2213SP**	OCUB 1500	1.06	26,9	1.56	39,6	.42	10,7
2.000	50,8	**2422SP**	OCUB 2000	1.64	41,7	2.12	53,9		
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)									
2.500	63,5	**2440SP**	OCUB 2.5	1.97	43,2	2.60	66,0	.72	18,3

Standard color black. Consult Heyco for white and other colors.





Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E15331
	Certified by the Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

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HEYCO

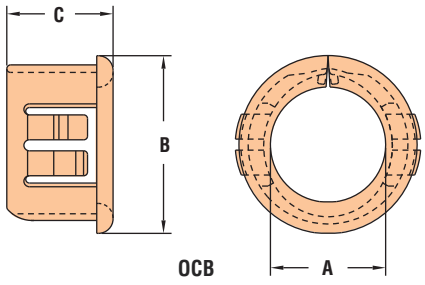
Heyco® Open/Closed Bushings

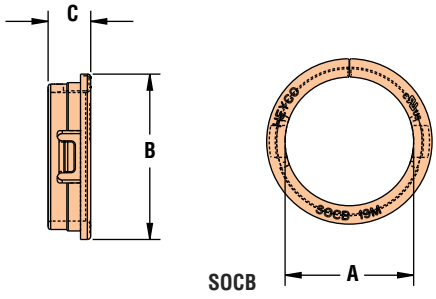
Mounting Hole Diameter Range: .375˝ (9,5 mm) to 2.500˝ (63,5 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)									
.375	9,5	**2865**	OCB 375	.27	6,7	.42	10,7	.39	9,9
.437	11,1	**2867**	OCB 437	.33	8,4	.50	12,7	.41	10,3
.500	12,7	**2871**	OCB 500	.31	7,9	.56	14,3		
.562	14,3	**2869**	OCB 562	.39	9,9	.64	16,3		
.625	15,9	**2872**	OCB 625	.45	11,1	.69	17,5		
.750	19,1	**2873**	OCB 750	.55	12,7	.78	19,8		
.875	22,2	**2874**	OCB 875	.67	14,3	.92	23,4		
1.000	25,4	**2878**	OCB 1000	.81	19,1	1.05	26,6		
1.093	27,8	**2879**	OCB 1093	.88	20,6	1.16	29,4		
1.250	31,8	**2881**	OCB 1250	1.05	25,8	1.34	34,1		
1.375	34,9	**2882**	OCB 1375	1.17	25,4	1.47	37,3		
1.500	38,1	**2883**	OCB 1500	1.25	26,9	1.58	40,1	.42	10,7
2.000	50,8	**2900**	OCB 2000	1.73	43,9	2.12	53,9		
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)									
2.500	63,5	**2909**	OCB 2.5	2.00	50,8	2.60	66,0	.72	18,3

Standard color black. Consult Heyco for white and other colors.

- **Split design allows side entry** and encirclement of preassembled harnesses, capillary tubes, computer cables, power cords, or other assemblies that have segments larger than the bushing's I.D.
- May also be assembled into holes that already contain cable, wire or other filaments.
- Fingertip pressure snap-locks the bushing into its mounting hole.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Multiple sizes for use in mounting holes from .375˝ (9,5 mm) to 2.500˝ (63,5 mm).





Heyco® Shorty Open/Closed Bushings

Single Locking Step for Panel Thickness up to .062" (1,6 mm)
Mounting Hole Diameter Range: 7,0 mm (.276") 27,0 mm (1.063")

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
.276	7,0	**2934**	SOCB 07M	.21	5,3	.35	8,9	.24	6,0
.512	13,0	**2938**	SOCB 13M	.40	10,2	.60	15,2	.25	6,4
.630	16,0	**2941**	SOCB 16M	.51	13,0	.73	18,5		
.748	19,0	**2943**	SOCB 19M	.63	16,0	.85	21,6		
.866	22,0	**2945**	SOCB 22M	.75	19,1	.98	24,9		
.945	24,0	**2947**	SOCB 24M	.83	21,1	1.05	26,7		
1.063	27,0	**2950**	SOCB 27M	.95	24,1	1.18	30,0	.26	6,5

Standard color black. Consult Heyco for white and other colors.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

- **For use in panels .062" (1,6 mm) and thinner.**
- Lower overall height protrudes less through thin mounting panels; thus Shorty Open/Closed Bushings occupy less "real estate" inside your application.
- **Split design allows side entry** and encirclement of preassembled harnesses, power cords, capillary tubes or other assemblies that have segments larger than the bushing's ID.
- May also be assembled into holes that already contain cable, wire or other filaments.
- Fingertip pressure snap-locks the bushing into its mounting hole.

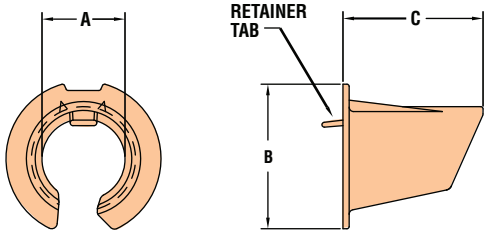
HEYCO

Heyco® Armor Bushings

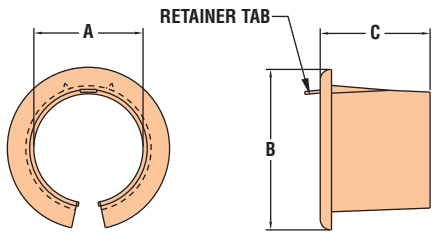
- **Use with Flexible Armored Cable (BX) and Flexible Metallic Conduit (FMC)**, to insulate rough cut conduit ends.
- Chamfered lead-in allows for fast installation.
- Suitable for installation at temperatures up to 194°F (90°C) and as low as -40°F (-40°C).
- Size-marked for easy identification.

WILL FIT THESE ARMORED CABLES (AWG/CONDUCTORS)	PART NO. Red	DESCRIPTION	PART DIMENSIONS A Inside Diameter in.	A Inside Diameter mm.	B Head Diameter in.	B Head Diameter mm.	C Overall Height in.	C Overall Height mm.
14/2, 14/3, 12/2, 12/3	**2264**	AB 0	.37	9,4	.68	17,3	.58	14,7
14/4, 6/1, 4/1	**2265**	AB 1	.44	11,2	.70	17,8	.63	16,0
12/4, 10/2, 10/3, 2/1	**2266**	AB 2	.57	14,5	.85	21,6	.61	15,5
	2281	AB Orange*	.58	14,7	.90	22,9	.68	17,3
10/4, 8/2, 8/3, 1/1	**2267**	AB 3	.73	18,5	1.02	25,9	.70	17,8

Standard color red except as noted.
*This part is not UL or CSA certified.



2264/2265



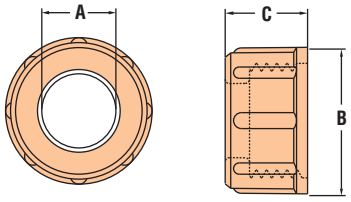
2266/2267

Heyco® Threaded Insulating Bushing

- **Converts raw-edged pipe ends with NPT threads to smooth insulated ends.**
- Insulates and mechanically protects lamp cords, other electrical and communications cables, tubing, hose, rope, and utility lines.
- Molded of type Nylon 6/6.
- Quick Specs below do not apply.

TRADE SIZE NPT	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Inside Diameter in.	A Inside Diameter mm.	B Head Diameter in.	B Head Diameter mm.	C Overall Height in.	C Overall Height mm.
1/8	**2282**	IB 1/8	.27	6,8	.53	13,4	.30	7,6

Available in black color only.



Quick Specs

Material	High Dielectric Polyethylene
Certifications	UL Listed under Underwriters' Laboratories File E51579
	CSA Certified by the Canadian Standards Association File 213253
Temperature Range	-40°F (-40°C) to 194°F (90°C)

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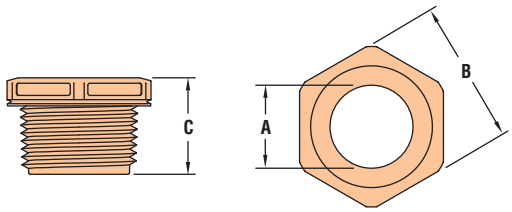
HEYCO

Heyco® Threaded Smooth Bore Bushings

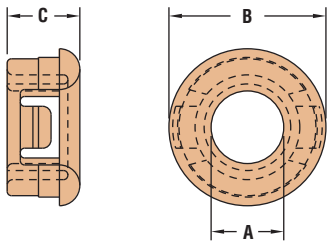
WILL FIT THESE INTERNALLY THREADED NPT PIPE ENDS OR PORTS	PART NO. Black	PART NO. Gray	DESCRIPTION	PART DIMENSIONS A Inside Diameter in.	A Inside Diameter mm.	B Wrenching Flats in.	B Wrenching Flats mm.	C Overall Height in.	C Overall Height mm.
1/4	**3621B**	**3621**	TSB 1/4	.31	7,9	.63	16,0	.66	16,8
3/8	**3622B**	**3622**	TSB 3/8	.43	10,9	.83	21,0	.69	17,5
1/2	**3623B**	**3623**	TSB 1/2	.58	14,7	.98	24,9	.81	20,6
3/4	**3624B**	**3624**	TSB 3/4	.74	18,8	1.30	33,0	.86	21,8

Standard colors black and gray.

- **Convert raw-edged threaded holes to smooth insulated through holes.**
- Used to protect threaded holes. Eliminate sharp edges so wires are protected.
- Insulate and mechanically protect electrical and communication cables, tubing, rope, and utility lines.
- Molded from electrically non-conductive Nylon 6/6.



Threaded Smooth Bore Bushing



Snap-In Smooth Bore Bushing

Heyco® Snap-In Smooth Bore Bushings

Mounting Hole Diameter Range: .500″ (12,7 mm) to 1.093″ (27,8 mm)

MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Inside Diameter* in.	A Inside Diameter* mm.	B Head Diameter in.	B Head Diameter mm.	C Overall Height in.	C Overall Height mm.
Single Locking Step for Panel Thickness up to .062″ (1,6 mm)									
.500	12,7	**2514**	S 50	.25	6,4	.56	14,2	.27	6,9
.875	22,3	**2540**	S 87	.52	13,2	.98	24,9	.32	8,1
Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)									
.625	15,9	**2516**	S 625-4	.25	6,4	.72	18,3	.44	11,2
.750	19,1	**2535**	S 750-5	.36	9,1	.91	23,1		
.875	22,3	**2552**	S 875-9	.56	14,2	.97	24,6	.52	13,1
1.000	25,4	**2554**	S 1000-9	.60	15,2	1.19	30,2		
1.093	27,8	**2555**	S 1093-10	.63	16,0	1.21	30,7		

Standard color black. Consult Heyco for white and other colors.
*Consult Heyco for other Mounting Hole and Inside Diameter configurations. Our Axcell Rapid Response Team is ready to meet your requirements.

- **Extra internal insulating sleeve** creates a smooth bore and prevents locking fingers from protruding into the ID of the Bushing.
- Large radius exit hole.
- Used to protect through-holes. Eliminate sharp edges so wires are protected.
- Absorb vibration, and cushion and insulate wires.
- Can be used as bushing for rotating shafts.
- Bushing inserts into mounting hole with fingertip pressure.

Material	Nylon 6/6
Certifications (Snap-In only)	Recognized under the Component Program of Underwriters' Laboratories File E15331 Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)

Quick Specs

HEYCO

HEYCo-molded™ Liquid Tight Break-Thru Plugs

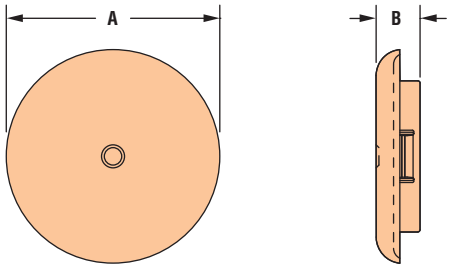
Consult Heyco for Colors Other Than Black

Mounting Hole Diameter Range: .500˝ (12,7 mm) to 1.500˝ (38,1 mm)

- These **co-molded** nylon and elastomer parts function as **Liquid Tight Plugs** with an IP 67/68 rating, yet can be pierced by **round wire, cable or tubing** to function as **Liquid Tight Bushings** with the same resulting IP 67/68 rating.
- **Certified by UL under UL 635**
- For use in panels as thin as .020˝ (0,5 mm) and as thick as .250˝ (6,4 mm).
- Provide liquid tight closure when used as a plug. When pierced, function as a liquid tight bushing that convert raw edged holes to smooth, neat, insulated holes.
- Used as a liquid tight bushing, HEYCo-molded Liquid Tight Break-Thru Plugs insulate and mechanically protect electrical and telecommunications cable, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of greater than 35 pounds.
- Available in multiple sizes for use in .500˝ (12,7 mm) to 1.500˝ (38,1 mm) diameter holes.

PANEL DIMENSIONS: Thickness at Locking Finger Steps (in.)	PANEL DIMENSIONS: Thickness at Locking Finger Steps (mm.)	PANEL DIMENSIONS: Mounting Hole Diameter* (in.)	PANEL DIMENSIONS: Mounting Hole Diameter* (mm.)	CABLE DIAMETER RANGE (in.)	CABLE DIAMETER RANGE (mm.)	PART NO. Black	DESCRIPTION	PART DIMENSIONS: A Head Diameter (in.)	PART DIMENSIONS: A Head Diameter (mm.)	PART DIMENSIONS: B Overall Height (in.)	PART DIMENSIONS: B Overall Height (mm.)
With Locking Finger Steps for Panels up to .063˝ (1,6 mm) Thick											
.020	0,5	.500	12,7	.080 - .200	2,0 - 5,1	**C2008**	LTBP 500-063	.92	23,4	.32	8,1
.032	0,8	.625	15,9	.130 - .375	3,3 - 9,5	**C2012**	LTBP 625-063	1.03	26,2		
.040	1,0	.750	19,1	.175 - .400	4,4 - 10,2	**C2016**	LTBP 750-063	1.15	29,2		
.048	1,2	.875	22,2	.130 - .450	3,3 - 11,4	**C2020**	LTBP 875-063	1.28	32,5		
.063	1,6	1.000	25,4	.200 - .715	5,1 - 18,2	**C2022**	LTBP 1000-063	1.43	36,3		
		1.093	27,8	.250 - .765	6,4 - 19,4	**C2024**	LTBP 1093-063	1.53	38,9		
With Locking Finger Steps for Panels from .063˝ (1,6 mm) to .250˝ (6,4 mm) Thick											
.063	1,6	.500	12,7	.080 - .200	2,0 - 5,1	**C2058**	LTBP 500-250	.92	23,4	.63	15,9
.080	2,0	.625	15,9	.130 - .375	3,3 - 9,5	**C2062**	LTBP 625-250	1.03	26,2		
.094	2,4	.750	19,1	.175 - .400	4,4 - 10,2	**C2066**	LTBP 750-250	1.15	29,2		
.125	3,2	.875	22,2	.130 - .450	3,3 - 11,4	**C2070**	LTBP 875-250	1.28	32,5		
.157	4,0	1.000	25,4	.200 - .715	5,1 - 18,2	**C2072**	LTBP 1000-250	1.43	36,3		
.200	5,1	1.093	27,8	.250 - .765	6,4 - 19,4	**C2074**	LTBP 1093-250	1.53	38,9		
.250	6,4	1.375	34,9	.300 - .950	7,6 - 24,1	**C2080**	LTBP 1375-250	1.80	45,7	.67	17,0
		1.500	38,1	.375 - 1.060	9,5 - 26,9	**C2082**	LTBP 1500-250	1.93	49,0		

Standard color black. Consult Heyco for other colors.
*Consult Heyco for other Mounting Hole Diameters. Our Axcell Rapid Response Team is ready to meet your requirements.



Quick Specs

Materials	Nylon 6/6 and TPE
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
Flammability Rating	HB
Temperature Range	-40°F (-40°C) to 212°F (100°C)
IP Rating	IP 67/68

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HEYCO

Heyco® EPDM Snap-In Liquid Tight Bushings

Mounting Hole Diameter Range: .492″ (12,5 mm) to 1.988″ (50,2 mm)

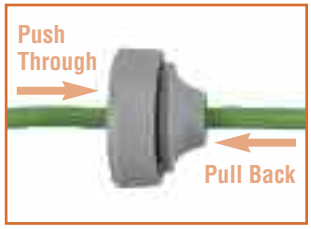
MOUNTING HOLE DIAMETER		CABLE DIAMETER RANGE		PART NO.		DESCRIPTION	Hole Size	PART DIMENSIONS D Head Diameter		L Overall Length		H Head Thickness	
				Black	Gray								
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.
PG Sizes for Panel Thickness from .04″ (1,0 mm) to .16″ (4,0 mm)													
.519	13,2	.12-.20	3,0-5,0	**4014B**	**4014**	LTB 30-50/PG7	PG7	.77	19,5	.53	13,5		
.630	16,0	.20-.28	5,0-7,0	**4015B**	**4015**	LTB 50-70/PG9	PG9	.81	20,5	.77	19,5	.28	7,0
.750	19,0	.28-.39	7,0-10,0	**4016B**	**4016**	LTB 70-100/PG11	PG11	.98	25,0	.83	21,0		
.906	23,0	.31-.55	8,0-14,0	**4017B**	**4017**	LTB 80-140/PG16	PG16	1.10	28,0	.89	22,5	.26	6,5
1.142	29,0	.55-.79	14,0-20,0	**4018B**	**4018**	LTB 140-200/PG21	PG21	1.37	34,7	1.04	26,5	.30	7,5
1.500	38,0	.79-1.02	20,0-26,0	**4019B**	**4019**	LTB 200-260/PG29	PG29	1.80	45,7	1.10	28,0	.28	7,0
1.890	48,0	1.02-1.38	26,0-35,0	**4020B**	**4020**	LTB 260-350/PG36	PG36	2.26	57,5	1.44	36,5	.30	7,7
Metric Sizes for Panel Thickness from 1,3 mm (.05″) to 5,1 mm (.20″)													
.492	12,5	.16-.28	4,0-7,0	**4007B**	**4007**	LTB 30-50/M12*	M12	.79	20,0	.50	12,7		
.650	16,5	.20-.35	5,0-9,0	**4008B**	**4008**	LTB 50-70/M16	M16	.83	21,0	.71	18,0		
.807	20,5	.32-.51	8,0-13,0	**4009B**	**4009**	LTB 70-100/M20	M20	1.00	25,5	.79	19,5	.26	6,5
1.004	25,4	.43-.67	11,0-17,0	**4010B**	**4010**	LTB 100-140/M25	M25	1.20	30,5	.85	21,5		
1.280	32,5	.59-.79	15,0-20,0	**4011B**	**4011**	LTB 140-200/M32	M32	1.52	38,5	.98	24,8		
1.594	40,5	.75-1.10	19,0-28,0	**4012B**	**4012**	LTB 200-260/M40	M40	1.91	48,5	1.18	30,0	.32	8,1
1.988	50,2	1.06-1.38	27,0-35,0	**4013B**	**4013**	LTB 260-350/M50	M50	2.38	60,5	1.38	35,0		

*Panel thickness from 0,5 mm (.02″) to 2,0 mm (.08″).

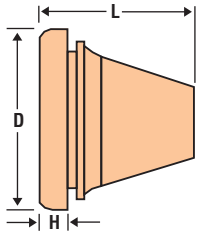
- **Simple to install**–snap LTB into place, cut cable end at a 45° angle, pierce thin LTB membrane then insert and pull back cable to form a liquid tight seal.
- Available in Black and Gray color.
- Provide light strain relief to the cable.
- Can be used as a liquid tight plug. Offers protection to IP 67.
- Ozone and weather resistant.
- For outdoor and indoor applications.
- Sizes available to fit cable diameters ranging from .12″ (3,0 mm) up to 1.38″ (35,0 mm).

1. A sharpened dowel pin is selected–slightly smaller than the wire diameter

2. The dowel pin is inserted into the opening on the front of the LTB and pushed through the membrane



3. Wire is inserted through the LTB and then pulled back to create a seal



Material	EPDM
Temperature Range	-40°F (-40°C) to 200°F (93°C)
IP Rating	IP 67

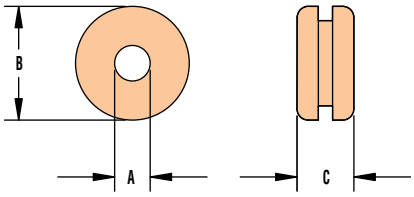
Quick Specs

HEYCO

Heyco® Rubber Grommets

For Panels .063˝ (1,6 mm) Thick

- **Used to protect through holes.** Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 113 sizes available that will accommodate mounting holes ranging from .250˝ (6,4 mm) to holes as large as 2.375˝ (60,3 mm) diameter and panel thicknesses from .063˝ (1,6 mm) to .188˝ (4,8 mm).
- Rubber grommets are constructed of SBR (unless otherwise noted) with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.
- Provide vibration dampening.



MOUNTING HOLE DIAMETER		PART NO. Black	DESCRIPTION	MATERIAL	PART DIMENSIONS A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.				in.	mm.	in.	mm.	in.	mm.
For .063˝ (1,6 mm) Thick Panels										
.250	6,4	**G1004**	RG 250-4-2	SBR	.13	3,2	.34	8,7	.19	4,8
		G1005	RG 250-5-2	SBR	.16	4,0	.38	9,5		
		G1006	RG 250-5-2A	SBR	.16	4,0	.44	11,1	.38	9,5
.312	7,9	**G1017**	RG 312-6-2	SBR	.19	4,8	.41	10,3	.22	5,6
		G1018	RG 312-6-2A	Nitrile	.19	4,8	.44	11,1	.19	4,8
		G1019	RG 312-6-2B	SBR	.19	4,8	.50	12,7	.25	6,4
		G1026	RG 312-7-2	SBR	.22	5,6	.44	11,1	.19	4,8
.375	9,5	**G1037**	RG 375-8-2	EPDM	.25	6,4	.56	14,3	.25	6,4
		G1042	RG 375-9-2	SBR	.28	7,1				
.437	11,1	**G1052**	RG 437-8-2	SBR	.25	6,4	.63	15,9	.19	4,8
		G1053	RG 437-8-2A	Isoprene	.25	6,4	.63	15,9	.31	8,0
		G1061	RG 437-10-2	SBR	.31	8,0	.63	15,9	.28	7,1
.500	12,7	**G1089**	RG 500-12-2	SBR	.38	9,5	.63	15,9	.25	6,4
		G1090	RG 500-12-2A	SBR	.38	9,5	.69	17,5	.28	7,1
.562	14,3	**G1112**	RG 562-10-2	SBR	.31	8,0	.81	20,7	.31	8,0
		G1123	RG 562-14-2	SBR	.44	11,1	.75	19,1	.25	6,4
.625	15,9	**G1130**	RG 625-12-2	SBR	.38	9,5	.88	22,2	.31	8,0
		G1137	RG 625-16-2	SBR	.50	12,7	.81	20,7	.28	7,1
.687	17,5	**G1150**	RG 687-14-2	SBR	.44	11,1	.94	23,8	.31	8,0
		G1151	RG 687-14-2A	SBR	.44	11,1	.94	23,8	.35	8,8
		G1155	RG 687-16-2	SBR	.50	12,7	.88	22,2	.25	6,4
.750	19,1	**G1174**	RG 750-12-2	SBR	.38	9,5	1.00	25,4	.38	9,5
		G1176	RG 750-16-2	SBR	.50	12,7	.88	22,2	.25	6,4
		G1177	RG 750-16-2A	SBR	.50	12,7	1.00	25,4		
.812	20,6	**G1192**	RG 812-16-2	SBR	.50	12,7	1.06	27,0	.31	8,0
		G1197	RG 812-18-2	SBR	.56	14,3				
.875	22,2	**G1208**	RG 875-10-2	SBR	.31	8,0	1.38	34,9	.25	6,4
		G1215	RG 875-20-2	SBR	.63	15,9	1.13	28,6	.31	8,0
1.000	25,4	**G1242**	RG 1000-12-2	SBR	.38	9,5	1.25	31,8	.25	6,4
		G1246	RG 1000-16-2	SBR	.50	12,7				
		G1252	RG 1000-22-2	SBR	.69	17,5	1.31	33,4	.38	9,5
		G1258	RG 1000-24-2	SBR	.75	19,1	1.25	31,8	.30	7,5
1.062	27,0	**G1269**	RG 1062-24-2	SBR	.75	19,1	1.38	34,9	.38	9,5
1.250	31,8	**G1290**	RG 1250-16-2	SBR	.50	12,7	1.50	38,1	.25	6,4
		G1294	RG 1250-20-2	SBR	.63	15,9				
		G1298	RG 1250-24-2	SBR	.75	19,1	1.63	41,3		
		G1303	RG 1250-28-2	SBR	.88	22,2	1.63	41,3	.44	11,1
		G1311	RG 1250-32-2	SBR	1.00	25,4	1.56	39,7	.31	8,0
1.375	34,9	**G1320**	RG 1375-32-2	SBR	1.00	25,4	1.75	44,5	.44	11,1
1.500	38,1	**G1347**	RG 1500-36-2	SBR	1.13	28,6	1.88	47,6	.38	9,5
		G1349	RG 1500-40-2	Nitrile	1.25	31,8	1.88	47,6	.34	8,7

Standard color black.

Quick Specs

Material	SBR, Nitrile, EPDM, or Isoprene
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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HEYCO

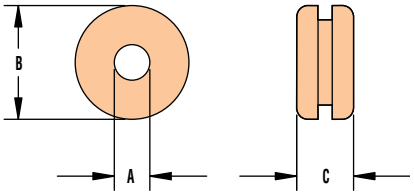
Heyco® Rubber Grommets

For Panels from .063″ (1,6 mm) to .125″ (3,2 mm) Thick

MOUNTING HOLE DIAMETER		PART NO. Black	DESCRIPTION	MATERIAL	PART DIMENSIONS A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.				in.	mm.	in.	mm.	in.	mm.
For .063″ (1,6 mm) Thick Panels (continued)										
1.750	44,5	**G1369**	RG 1750-48-2	SBR	1.50	38,1	2.13	54,0	.44	11,1
2.375	60,3	**G1409**	RG 2.375-40-2	Nitrile	1.25	31,8	2.75	69,9		
2.500	63,5	**G1418**	RG 2.5-40-2	Nitrile	1.25	31,8	2.88	73,0		
		G1422	RG 2.5-68-2	SBR	2.13	54,0				
For .078″ (2,0 mm) Thick Panels										
1.000	25,4	**G1253**	RG 1000-22-3	SBR	.69	17,5	1.31	33,4	.38	9,5
For .094″ (2,4 mm) Thick Panels										
.281	7,1	**G1010**	RG 281-6-3	SBR	.19	4,8	.44	11,1	.22	5,6
.312	7,9	**G1014**	RG 312-6-3	SBR	.19	4,8	.50	12,7	.28	7,1
.375	9,5	**G1033**	RG 375-4-3	SBR	.13	3,2	.50	12,7	.31	8,0
		G1038	RG 375-8-3	SBR	.25	6,4	.50	12,7	.25	6,4
		G1039	RG 375-8-3A	SBR	.25	6,4	.56	14,3	.28	7,1
.437	11,1	**G1062**	RG 437-10-3	SBR	.31	8,0	.63	15,9	.31	8,0
.750	19,1	**G1178**	RG 750-16-3	SBR	.50	12,7	.88	22,2	.34	8,7
		G1179	RG 750-16-3A	SBR	.50	12,7	.97	24,6	.28	7,1
1.125	28,6	**G1281**	RG 1125-28-3	SBR	.88	22,2	1.50	38,1	.34	8,7
2.000	50,8	**G1387**	RG 2000-48-3	SBR	1.50	38,1	2.38	60,3	.38	9,5
For .110″ (2,8 mm) Thick Panels										
.630	16,0	**G1140**	RG 630-16-3	SBR	.50	12,7	.81	20,6	.30	7,6
For .125″ (3,2 mm) Thick Panels										
.312	7,9	**G1020**	RG 312-6-4	SBR	.19	4,8	.44	11,8	.25	6,4
.406	10,3	**G1047**	RG 406-9-4	SBR	.28	7,1	.63	15,9	.38	9,5
.437	11,1	**G1056**	RG 437-8-4	SBR	.25	6,4	.63	15,9	.25	6,4
.500	12,7	**G1092**	RG 500-12-4	SBR	.38	9,5	.63	15,9	.31	8,0
		G1093	RG 500-12-4A	SBR	.38	9,5	.63	15,9	.41	10,3
.562	14,3	**G1114**	RG 562-10-4	SBR	.31	8,0	.81	20,7	.38	9,5
.625	15,9	**G1127**	RG 625-6-4	Nitrile	.19	4,8	.88	22,2	.25	6,4
		G1132	RG 625-12-4	SBR	.38	9,5	.88	22,2	.38	9,5
.687	17,5	**G1152**	RG 687-14-4	SBR	.44	11,1	.94	23,8	.38	9,5
.812	20,6	**G1188**	RG 812-12-4	SBR	.38	9,5	1.06	27,0		
		G1193	RG 812-16-4	SBR	.50	12,7		27,0		
		G1198	RG 812-18-4	SBR	.56	14,3		27,0		
.875	22,2	**G1218**	RG 875-20-4	SBR	.63	15,9	1.13	28,6		
1.000	25,4	**G1244**	RG 1000-12-4	SBR	.38	9,5	1.25	31,8	.31	8,0
		G1247	RG 1000-16-4	SBR	.50	12,7		31,8		
		G1255	RG 1000-22-4	SBR	.69	17,5	1.31	33,4	.44	11,1
		G1259	RG 1000-24-4	EPDM	.75	19,1	1.19	30,2	.38	9,5
		G1260	RG 1000-24-4A	SBR	.75	19,1	1.25	31,8		
1.250	31,8	**G1291**	RG 1250-16-4	SBR	.50	12,7	1.50	38,1	.31	8,0
		G1299	RG 1250-24-4	SBR	.75	19,1	1.63	41,3		
		G1304	RG 1250-28-4	SBR	.88	22,2	1.63	41,3	.50	12,7

Standard color black.

- **Used to protect through holes.** Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 113 sizes available that will accommodate mounting holes ranging from .250″ (6,4 mm) to holes as large as 2.375″ (60,3 mm) diameter and panel thicknesses from .063″ (1,6 mm) to .188″ (4,8 mm).
- Rubber grommets are constructed of SBR (unless otherwise noted) with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.
- Provide vibration dampening.



Material	SBR, Nitrile or EPDM
Temperature Range	-40°F (-40°C) to 221°F (105°C)

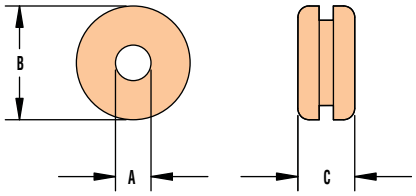
Quick Specs

HEYCO

Heyco® Rubber Grommets

For Panels .125˝ (3,2 mm) to .188˝ (4,8 mm) Thick

- **Used to protect through holes.** Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 113 sizes available that will accommodate mounting holes ranging from .250˝ (6,4 mm) to holes as large as 2.375˝ (60,3 mm) diameter and panel thicknesses from .063˝ (1,6 mm) to .188˝ (4,8 mm).
- Rubber grommets are constructed of SBR (unless otherwise noted) with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.
- Provide vibration dampening.



MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	MATERIAL	PART DIMENSIONS					
					A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.	Black			in.	mm.	in.	mm.	in.	mm.
For .125˝ (3,2 mm) Thick Panels (continued)										
1.375	34,9	**G1322**	RG 1375-32-4	SBR	1.00	25,4	1.75	44,5	.50	12,7
1.500	38,1	**G1350**	RG 1500-40-4	SBR	1.25	31,8	1.88	47,6	.41	10,3
1.625	41,3	**G1363** **G1364**	RG 1625-42-4 RG 1625-44-4	SBR SBR	1.31 1.38	33,4 34,9	2.00 1.88	50,8 47,6	.44 .41	11,1 10,3
1.750	44,5	**G1371**	RG 1750-48-4	SBR	1.50	38,1	2.13	54,0	.50	12,7
2.000	50,8	**G1392**	RG 2000-56-4	SBR	1.75	44,5	2.38	60,3	.38	9,5
2.500	63,5	**G1423**	RG 2.5-68-4	SBR	2.13	54,0	2.88	73,0	.44	11,1
For .156˝ (4,0 mm) Thick Panels										
.500	12,7	**G1094**	RG 500-12-5	SBR	.38	9,5	.69	17,5	.31	8,0
.750	19,1	**G1181**	RG 750-16-5	SBR	.50	12,7	.94	23,8	.41	10,3
1.500	38,1	**G1348**	RG 1500-38-5	SBR	1.19	30,2	1.75	44,5		
For .188˝ (4,8 mm) Thick Panels										
.312	7,9	**G1022**	RG 312-6-6	SBR	.19	4,8	.44	11,8	.31	8,0
.375	9,5	**G1034**	RG 375-6-6	SBR	.19	4,8	.63	15,9	.38	9,5
.437	11,1	**G1057**	RG 437-8-6	SBR	.25	6,4	.63	15,9	.31	8,0
.562	14,3	**G1110** **G1115** **G1116** **G1120**	RG 562-6-6 RG 562-10-6 RG 562-10-6A RG 562-12-6	Nitrile SBR SBR SBR	.19 .31 .31 .38	4,8 8,0 8,0 9,5	.75 .81 .81 .81	19,1 20,7 20,7 20,7	.31 .38 .44 .38	8,0 9,5 11,1 9,5
.625	15,9	**G1133** **G1135**	RG 625-12-6 RG 625-13-6	SBR Nitrile	.38 .40	9,5 10,2	.88 1.10	22,2 27,9		
.687	17,5	**G1153**	RG 687-14-6	SBR	.44	11,1	.94	23,8		
.750	19,1	**G1172**	RG 750-10-6	SBR	.31	8,0	1.00	25,4	.44	11,1
.812	20,6	**G1194** **G1199**	RG 812-16-6 RG 812-18-6	SBR SBR	.50 .56	12,7 14,3	1.06	27,0		
.875	22,2	**G1213** **G1219**	RG 875-18-6 RG 875-20-6	SBR SBR	.56 .63	14,3 15,9	1.06 1.13	27,0 28,6		
1.000	25,4	**G1256** **G1261**	RG 1000-22-6 RG 1000-24-6	SBR SBR	.69 .75	17,5 19,1	1.31 1.25	33,4 31,8	.50 .56	12,7 14,3
1.062	27,0	**G1272**	RG 1062-24-6	SBR	.75	19,1	1.38	34,9	.50	12,7
1.250	31,8	**G1306** **G1312**	RG 1250-28-6 RG 1250-32-6	SBR SBR	.88 1.00	22,2 25,4	1.63 1.50	41,3 38,1	.56 .44	14,3 11,1
1.375	34,9	**G1323** **G1329**	RG 1375-32-6 RG 1375-36-6	SBR SBR	1.00 1.13	25,4 28,6	1.75 1.88	44,5 47,6	.56 .50	14,3 12,7
1.500	38,1	**G1351**	RG 1500-40-6	EPDM	1.25	31,8	2.00	50,8	.63	15,9
1.750	44,5	**G1372**	RG 1750-48-6	SBR	1.50	38,1	2.13	54,0	.56	14,3
2.000	50,8	**G1390**	RG 2000-52-6	SBR	1.63	41,3	2.25	57,2	.75	19,1
2.200	55,9	**G1404**	RG 2.200-64-6	SBR	2.00	50,8	2.75	69,9	.56	14,2
2.375	60,3	**G1414**	RG 2.375-64-6	PVC	2.00	50,8	2.75	69,9		

Standard color black.

Quick Specs

Material	SBR, Nitrile, EPDM, or PVC
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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HEYCO

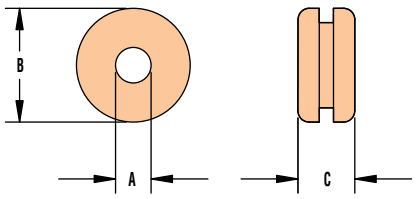
Heyco® Thick Panel Rubber Grommets

For Panels .250˝ (6,4 mm) to .375˝ (9,5 mm) Thick

- **Used to protect through holes.** Help eliminate sharp edges so your wires are protected and add aesthetic value to your application.
- 38 sizes available that accommodate mounting holes ranging from .312˝ (7,9 mm) to holes as large as 2.50˝ (63,5 mm) in diameter and panel thicknesses of .250˝ (6,4 mm) and .375˝ (9,5 mm).
- Rubber grommets are constructed of SBR (unless otherwise noted) with an operating temperature range of -40°F (-40°C) to 221°F (105°C).
- SBR grommets have good water resistant characteristics and are suitable for most moderate chemicals and wet or dry organic acids.
- Provide vibration dampening.

MOUNTING HOLE DIAMETER		PART NO. Black	DESCRIPTION	MATERIAL	PART DIMENSIONS A Inside Diameter		B Head Diameter		C Overall Height	
in.	mm.				in.	mm.	in.	mm.	in.	mm.
For .250˝ (6,4 mm) Thick Panels										
.312	7,9	**G1023**	RG 312-6-8	SBR	.19	4,8	.44	11,1	.38	9,5
.437	11,1	**G1058**	RG 437-8-8	Nitrile	.25	6,4	.63	15,9		
.500	12,7	**G1086**	RG 500-10-8	Nitrile	.31	8,0	.63	15,9	.63	15,9
		G1095	RG 500-12-8	SBR	.38	9,5	.75	19,1	.50	12,7
.562	14,3	**G1117**	RG 562-10-8	Nitrile	.31	8,0	.81	20,6	.50	12,7
.625	15,9	**G1134**	RG 625-12-8	SBR	.38	9,5	.88	22,2		
.687	17,5	**G1154**	RG 687-14-8	SBR	.44	11,1	.94	23,8		
.812	20,6	**G1195**	RG 812-16-8	SBR	.50	12,7	1.06	27,0		
		G1200	RG 812-18-8	SBR	.56	14,3				
.875	22,2	**G1220**	RG 875-20-8	SBR	.63	15,9	1.13	28,6		
1.000	25,4	**G1257**	RG 1000-22-8	SBR	.69	17,5	1.31	33,3	.56	14,3
		G1264	RG 1000-28-8	SBR	.88	22,2	1.25	31,8	.63	15,9
1.062	27,0	**G1273**	RG 1062-24-8	SBR	.75	19,1	1.38	34,9	.56	14,3
1.125	28,6	**G1279***	RG 1125-26-8	SBR	.80	20,4	1.38	34,9	.51	12,9
1.250	31,8	**G1301**	RG 1250-24-8	SBR	.75	19,1	1.63	41,3	.44	11,1
		G1307	RG 1250-28-8	SBR	.88	22,2	1.63	41,3	.63	15,9
1.375	34,9	**G1324**	RG 1375-32-8	SBR	1.00	25,4	1.75	44,5	.63	15,9
1.500	38,1	**G1353**	RG 1500-40-8	SBR	1.25	31,8	1.75	44,5	.50	12,7
		G1354	RG 1500-40-8A	SBR	1.25	31,8	2.00	50,8	.52	13,1
1.750	44,5	**G1373**	RG 1750-48-8	SBR	1.50	38,1	2.00	50,8	.50	12,7
		G1374	RG 1750-48-8A	SBR	1.50	38,1	2.13	54,0	.63	15,9
2.000	50,8	**G1393**	RG 2000-56-8	SBR	1.75	44,5	2.50	63,5	.53	13,5
		G1394	RG 2000-56-8A	Nitrile	1.75	44,5	2.50	63,5	.56	14,2
2.500	63,5	**G1421**	RG 2.5-64-8	SBR	2.00	50,8	3.00	76,2	.56	14,3
		G1425	RG 2.5-72-8	SBR	2.25	57,2	3.00	76,2	.63	15,9
For .375˝ (9,5 mm) Thick Panels										
.375	9,5	**G1043**	RG 375-10-12	SBR	.31	8,0	.56	14,3	.50	12,7
.500	12,7	**G1096**	RG 500-12-12	SBR	.38	9,5	.63	15,9	.63	15,9
.562	14,3	**G1121**	RG 562-12-12	SBR	.38	9,5	.75	19,1	.75	19,1
.625	15,9	**G1136**	RG 625-13-12	SBR	.41	10,3	.81	20,6	.63	15,9
.750	19,1	**G1182**	RG 750-16-12	SBR	.50	12,7	1.00	25,4		
.875	22,2	**G1214**	RG 875-18-12	SBR	.56	14,3	1.06	27,0		
.968	24,6	**G1232**	RG 968-22-12	SBR	.69	17,4	1.31	33,3		
1.000	25,4	**G1249**	RG 1000-18-12	SBR	.56	14,3	1.25	31,8		
1.125	28,6	**G1278**	RG 1125-24-12	SBR	.75	19,1	1.63	41,3	1.13	28,6
1.250	31,8	**G1308**	RG 1250-28-12	Neoprene	.88	22,2	1.75	44,5	.75	19,1
		G1314	RG 1250-32-12	SBR	1.00	25,4	1.50	38,1	.63	15,9
1.375	34,9	**G1326**	RG 1375-32-12	SBR	1.00	25,4	1.75	44,5	.75	19,1
1.750	44,5	**G1375**	RG 1750-48-12	SBR	1.50	38,1	2.13	54,0		
2.000	50,8	**G1395**	RG 2000-56-12	SBR	1.75	44,5	2.50	63,5	.63	15,9
2.500	63,5	**G1427**	RG 2.5-72-12	SBR	2.25	57,2	3.00	76,2	.75	19,1

Standard color black. ***G1279** Panel Thickness is .257˝ (6,5 mm)



Material	SBR, Nitrile or Neoprene
Temperature Range	-40°F (-40°C) to 221°F (105°C)

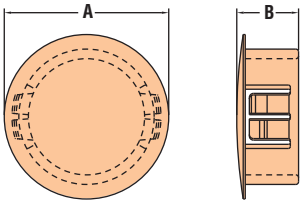
Quick Specs

HEYCO

Heyco® Dome Plugs

Mounting Hole Diameter Range: .187″ (4,7 mm) to 6.000″ (152,4 mm)

- **Close unneeded panel holes and electrical knockouts**.
- Quick and easy installation.
- Convex, matte finish head tapers to thin edge (Except DP-187).
- Multiple sizes for use in .187″ (4,7 mm) to 6.000″ (152,4 mm) diameter holes.
- Lock firmly into panel up to .250″ (6,4 mm) thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Approximate Head Thickness: .062″ (1,6 mm). Thickness may vary.
- For Snap-In Metric Dome Plugs see page 6-28.



MOUNTING HOLE DIAMETER		PART NO.			DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
in.	mm.	Black	White	Colors xx**		in.	mm.	in.	mm.
Single Locking Step for Panel Thickness up to .062″ (1,6 mm)									
.187	4,7	**2590**	**2591**	2592xx	DP 187*	.25	6,4	.23	5,9
.250	6,4	**2607** **2603**	**2608** **2604**	2609xx 2605xx	DP 250-040† DP 250	.31	7,9	.31	7,9
.312	7,9	**2613**	**2614**	2615xx	DP 312	.38	9,5		
Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)									
.375	9,5	**2617**	**2618**	2619xx	DP 375	.47	11,9	.41	10,3
.437	11,1	**2633**	**2634**	2635xx	DP 437	.53	13,5		
.500	12,7	**2643**	**2644**	2645xx	DP 500	.56	14,2		
.562	14,3	**2653**	**2654**	2655xx	DP 562	.66	16,7		
.625	15,9	**2663**	**2664**	2665xx	DP 625	.72	18,2		
.687	17,4	**2673**	**2674**	2675xx	DP 687	.78	19,8		
.750	19,1	**2683**	**2684**	2685xx	DP 750	.92	23,4		
.812	20,6	**2693**	**2694**	2695xx	DP 812	.99	25,1		
.875	22,2	**2703**	**2704**	2705xx	DP 875	1.02	25,8	.45	11,5
1.000	25,4	**2713**	**2714**	2715xx	DP 1000	1.20	30,6		
1.093 - 1.125	27,8 - 28,6	**2723**	**2724**	2725xx	DP 1093	1.22	30,9		
1.187	30,1	**2733**	**2734**	2735xx	DP 1187	1.33	33,8		
1.250	31,7	**2740**	**2741**	2742xx	DP 1250	1.38	34,9		
1.375	34,9	**2753**	**2754**	2755xx	DP 1375	1.50	38,1		
1.500	38,1	**2763**	**2764**	2765xx	DP 1500	1.67	42,4		
1.750	44,5	**2773**	**2774**	2775xx	DP 1750	1.92	48,7		
2.000	50,8	**2783**	**2784**	2785xx	DP 2000	2.17	55,1	.47	11,9
Multiple Locking Steps for Panel Thickness up to .250″ (6,4 mm)									
2.093 - 2.125	53,2 - 54,0	**2403**	**2404**	***	DP 2.093	2.34	59,9	.75	19,1
2.250	57,2	**2411**	**2412**	2413xx	DP 2.25	2.48	63,0	.75	19,1
2.500	63,5	**2790**	**2791**	2792xx	DP 2.5	2.71	68,8		
3.000	76,2	**2455**	**2456**	2457xx	DP 3.0	3.16	80,3	.74	18,8
3.375	85,7	**2482**	**2483**	***	DP 3.375	3.66	92,9	.75	19,1
3.500	88,9	**2464**	**2465**	2466xx	DP 3.5	3.66	92,9		
4.000	101,6	**2473**	**2474**	2475xx	DP 4.0	4.17	105,8	.71	18,0
5.000	127,0	**2451**	**2452**	***	DP 5.0	5.24	133,0	.75	19,1
6.000	152,4	**2453**	**2454**	***	DP 6.0	6.22	157,9	.78	19,8

Standard colors black and white. Consult Heyco for other colors (see below)
*Convex, glossy finish head.
** xx indicates that, following the color match process, Heyco adds a two letter suffix to the Root Part No. shown. This suffix will identify your particular CUSTOM Color selection. Consult Heyco for molded nylon color chips for accurate matching. For details as well as information regarding our Stock Colors, see page 6-51.
***Consult Heyco for root Part No.
† Max panel thickness is .040″ (1,0 mm)

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E51579 Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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HEYCO

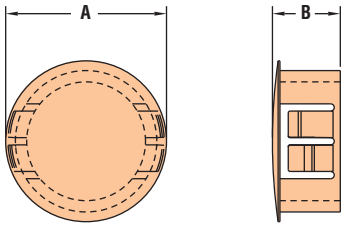
Heyco® Thick Panel Dome Plugs

Mounting Hole Diameter Range: .375˝ (9,5 mm) to 2.000˝ (50,8 mm)

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.
Single Locking Step for Panel Thickness up to .172˝ (4,4 mm)								
.375	9,5	**2624**	**2625**	DPT 375	.47	11,9	.41	10,3
Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)								
.500	12,7	**3004**	**3005**	DPT 500	.58	14,7	.56	14,3
.625	15,9	**3006**	**3007**	DPT 625 *	.73	18,5	.52	13,2
.750	19,1	**3008**	**3009**	DPT 750 *	.91	23,1		
.812	19,6	**2667**	**2668**	DPT 812-500**	1.02	25,9	.88	22,4
.875	22,2	**3044**	**3045**	DPT 875	1.02	25,8	.56	14,3
1.000	25,4	**3046**	**3047**	DPT 1000	1.20	30,6		
1.093 - 1.125	27,8 - 28,6	**3018**	**3019**	DPT 1093	1.22	30,9		
1.187	30,1	**3100**	**3101**	DPT 1187	1.31	33,3		
1.250	31,7	**3102**	**3103**	DPT 1250	1.38	34,9		
1.375	34,9	**3106**	**3107**	DPT 1375	1.50	38,1		
1.500	38,1	**3048**	**3049**	DPT 1500	1.67	42,4		
1.750	44,5	**3027**	**3028**	DPT 1750	1.91	48,4		
2.000	50,8	**3050**	**3051**	DPT 2000	2.17	55,1	.58	14,7

Standard color black. Consult Heyco for other colors.
*Single locking step for panel thickness up to .250˝ (6,4 mm).
**For Panel Thickness from .20˝ (5,1 mm) to .50˝ (12,7 mm). AKA Whistle-free Plug.

- **For use in panels thicker than .125˝ (3,2 mm).**
- Close unneeded panel holes and electrical knock-outs.
- Locking fingers snap into holes with fingertip pressure for quick and easy installation.
- Convex, matte finish head tapers to a thin edge.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of 35 pounds.
- Available in multiple sizes for use in .375˝ (9,5 mm) to 2.000˝ (50,8 mm) diameter holes for panel thickness up to .250˝ (6,4 mm).
- Approximate Head Thickness: .062˝ (1,6 mm). Thickness may vary.



Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579 (Thick Panel Dome Plugs only) Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

Quick Specs

HEYCO

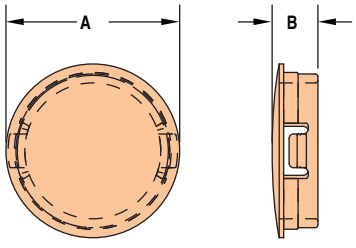
Heyco® Shorty Plugs

Single Locking Step for Panel Thickness up to: .062˝ (1,6 mm)
Mounting Hole Diameter Range: .187˝ (4,7 mm) to 1.093˝ (27,8 mm)

- **Limited intrusion .125˝ (3,2 mm) inside the panel**.
- Quick and easy installation.
- Multiple sizes for mounting holes from .218˝ (5,5 mm) to 1.093˝ (27,8 mm).
- Approximate Head Thickness: .062˝ (1,6 mm).
- For Shorty Window Plugs see page 6-34.

MOUNTING HOLE DIAMETER		PART NO.			DESCRIPTION	PART DIMENSIONS			
						A Head Diameter		B Overall Height	
in.	mm.	Black	White	Colors xx**		in.	mm.	in.	mm.
.187	4,7	**2590**	**2591**	2592xx	DP 187*	.25	6,4	.23	5,9
.218	5,5	**1654**	**1655**	1656xx	SP 218	.28	7,1	.25	6,4
.281	7,1	**1660**	**1661**	1662xx	SP 281	.34	8,7		
.312	7,9	**1678**	**1679**	1680xx	SP 312	.38	9,5		
.343	8,7	**1663**	**1664**	1665xx	SP 343	.41	10,3		
.375	9,5	**1681**	**1682**	1683xx	SP 375	.47	11,9		
.406	10,3	**1666**	**1667**	1668xx	SP 406				
.437	11,1	**1684**	**1685**	1686xx	SP 437	.53	13,5		
.468	11,9	**1669**	**1670**	1671xx	SP 468				
.500	12,7	**1687**	**1688**	1689xx	SP 500	.56	14,3		
.531	13,5	**1672**	**1673**	1674xx	SP 531	.59	15,1		
.593	15,1	**1675**	**1676**	1677xx	SP 593	.69	17,5		
.625	15,9	**1690**	**1691**	1692xx	SP 625	.72	18,3		
.750	19,0	**1693**	**1694**	1695xx	SP 750	.84	21,4		
.781	19,8	**1696**	**1697**	1698xx	SP 781	.89	22,6		
.875	22,2	**1699**	**1700**	1701xx	SP 875	.97	24,6		
1.000	25,4	**1702**	**1703**	1704xx	SP 1000	1.20	30,5		
1.093	27,8	**1705**	**1706**	1707xx	SP 1093	1.22	31,0		

Standard colors black or white. Consult Heyco for other colors (see below).
*Convex, glossy finish head.
** xx indicates that, following the color match process, Heyco adds a two letter suffix to the Root Part No. shown. This suffix will identify your particular CUSTOM Color selection. Consult Heyco for molded nylon color chips for accurate matching. For details as well as information regarding our Stock Colors, see page 6-56.



Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E51579
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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HEYCO

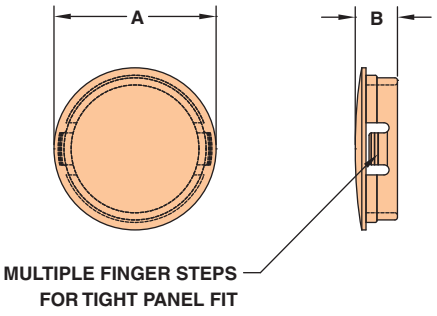
Heyco® Thin Panel Dome Plugs

Multiple Locking Steps for Panels as Thin as .020˝ (0,5 mm)
Mounting Hole Diameter Range: .218˝ (5,5 mm) to .875˝ (22,2 mm)*

- **Provide a flush, finished fit in panels as thin as .020˝ (0,5 mm).**
- Quick and easy installation.
- Multiple sizes for mounting holes from .218˝ (5,5 mm) to .875˝ (22,2 mm).
- Consult Heyco for other Thin Panel Mounting Hole Diameters.
- Lock firmly in panels up to .064˝ (1,6 mm) thick.

PANEL DIMENSIONS: Thickness at Locking Finger Steps in.	PANEL DIMENSIONS: Thickness at Locking Finger Steps mm.	PANEL DIMENSIONS: Mounting Hole Diameter* in.	PANEL DIMENSIONS: Mounting Hole Diameter* mm.	PART NO. Black	PART NO. White	DESCRIPTION	PART DIMENSIONS: A Head Diameter in.	PART DIMENSIONS: A Head Diameter mm.	PART DIMENSIONS: B Overall Height in.	PART DIMENSIONS: B Overall Height mm.
Three Steps to .048˝ (1,2 mm) thick										
.020 .032 .048	0,5 0,8 1,2	.218	5,5	**1654N**	**1655N**	SP 218N	.28	7,1	.25	6,4
		.250	6,4	**2607N**	**2608N**	SP 250N	.31	7,9		
		.281	7,1	**1660N**	**1661N**	SP 281N	.34	8,7		
		.312	7,9	**1678N**	**1679N**	SP 312N	.38	9,5		
		.343	8,7	**1663N**	**1664N**	SP 343N	.41	10,3		
		.375	9,5	**1681N**	**1682N**	SP 375N	.47	11,9		
Five Steps to .064˝ (1,6 mm) thick										
.020 .032 .040 .048 .064	0,5 0,8 1,0 1,2 1,6	.500	12,7	**1687N**	**1688N**	SP 500N	.56	14,3	.25	6,4
		.625	15,9	**1690N**	**1691N**	SP 625N	.72	18,3		
		.750	19,1	**1693N**	**1694N**	SP 750N	.94	23,8		
		.875	22,2	**1699N**	**1700N**	SP 875N	.97	24,6		

Standard color black. Consult Heyco for other colors.
*Consult Heyco for other Mounting Hole Diameters. Our Axcell Rapid Response Team is ready to meet your requirements.



Heyco® Thin Panel versus Shorty Plugs

Choose from Multiple Locking Steps, for the Fit and Finish Your Application Requires

Mounting Hole Diameter in.	Mounting Hole Diameter mm.	PANEL DIMENSIONS Maximum Thickness Locking Steps inches/millimeters .020 0,5	.032 0,8	.040 1,0	.048 1,2	.064 1,6	PART NO. Black	PART NO. White	DESCRIPTION
.218	5,5	x	x		x		**1654N**	**1655N**	SP 218N
						x	**1654**	**1655**	SP 218
.250	6,4	x	x		x		**2607N**	**2608N**	SP 250N
.281	7,1	x	x		x		**1660N**	**1661N**	SP 281N
						x	**1660**	**1661**	SP 281
.312	7,9	x	x		x		**1678N**	**1679N**	SP 312N
						x	**1678**	**1679**	SP 312
.343	8,7	x	x		x		**1663N**	**1664N**	SP 343N
						x	**1663**	**1664**	SP 343
.375	9,5	x	x		x		**1681N**	**1682N**	SP 375N
						x	**1681**	**1682**	SP 375
.500	12,7	x	x	x	x	x	**1687N**	**1688N**	SP 500N
						x	**1687**	**1688**	SP 500
.625	12,7	x	x	x	x	x	**1690N**	**1691N**	SP 625N
						x	**1690**	**1691**	SP 625
.750	19,1	x	x	x	x	x	**1693N**	**1694N**	SP 750N
						x	**1693**	**1694**	SP 750
.875	22,2	x	x	x	x	x	**1699N**	**1700N**	SP 875N
						x	**1699**	**1700**	SP 875

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

Quick Specs

HEYCO

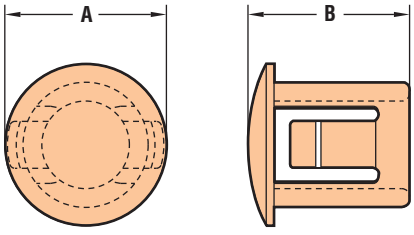
Heyco® Halogen and Phosphorus-Free 94V-0 Hole Plugs

Heat Stabilized • Self Extinguishing • Nontoxic • UV Resistant
Mounting Hole Diameter Range: .187″ (4,7 mm) to 2.000″ (50,8 mm)

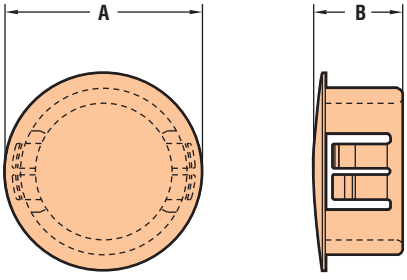
- **Molded from a nylon material which, in the event of a fire, will not burn and will not produce toxic gases**. Also formulated for sunlight resistance. Other Heyco products are available in this material–please consult Heyco.
- Close unneeded panel holes.
- Quick and easy installation.
- Convex, matte finish head tapers to a thin edge (Except HFP-187 glossy finish).
- Lock firmly into panel up to .125″ (3,2 mm) thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Approximate Head Thickness: .062″ (1,6 mm). Thickness may vary.
- Multiple sizes for use in .187″ (4,7 mm) to 2.000″ (50,8 mm) diameter holes. Consult Heyco for larger sizes.

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
in.	mm.	Black		in.	mm.	in.	mm.
Single Locking Step for Panel Thickness up to .062″ (1,6 mm)							
.187	4,7	**2593**	HFP 187*	.25	6,4	.24	6,1
.250	6,4	**2606**	HFP 250	.31	7,9	.31	7,9
.312	7,9	**2616**	HFP 312	.38	9,5		
Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)							
.375	9,5	**2623**	HFP 375	.47	11,9	.41	10,3
.437	11,1	**2636**	HFP 437	.53	13,5		
.500	12,7	**2646**	HFP 500	.58	14,7		
.625	15,9	**2666**	HFP 625	.72	18,2		
.750	19,1	**2686**	HFP 750	.92	23,4		
.875	22,2	**2706**	HFP 875	1.02	25,8	.45	11,5
1.000	25,4	**2716**	HFP 1000	1.20	30,6		
1.093 - 1.125	27,8 - 28,6	**2729**	HFP 1093	1.22	30,9		
1.250	31,7	**2749**	HFP 1250	1.38	34,9		
1.375	34,9	**2759**	HFP 1375	1.50	38,1		
1.500	38,1	**2769**	HFP 1500	1.69	42,8		
1.750	44,5	**2779**	HFP 1750	1.92	48,7		
2.000	50,8	**2789**	HFP 2000	2.17	55,1	.47	11,9

Standard color black.
*Convex, glossy finish head.



SINGLE PANEL THICKNESS DESIGN



MULTIPLE PANEL THICKNESS DESIGN

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E51579
	Certified by the Canadian Standards Association File 8919
Flammability Rating	94V-0
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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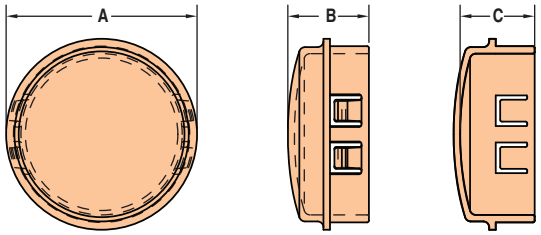
HEYCO

Heyco® Extra Dome Plugs

Multiple Locking Steps for Panel Thickness up to .250˝ (6,4 mm)

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS					
					A Head Diameter		B Overall Height		C Inside Height	
in.	mm.	Black	White		in.	mm.	in.	mm.	in.	mm.
3.0	76,2	**2442**	**2443**	EDP 3.0	3.22	81,8	1.37	34,8	1.26	32,0
5.0	127,0	**2444**	**2445**	EDP 5.0	5.22	132,6	1.41	35,8	1.31	33,3

Standard colors black. Consult Heyco for other colors.



- **Extra dome height** for additional clearance under the top.
- Consult Heyco for additional sizes.
- Lock firmly into panels up to .250˝ (6,4 mm) thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Not UL Recognized.

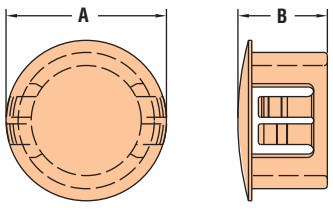
Heyco® Snap-In Metric Dome Plugs

Multiple Locking Steps for Panel Thickness up to 4,1 mm (.162˝)

Mounting Hole Diameter Range: 16,0 mm (.630˝) to 32,0 mm (1.260˝)

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS			
					A Head Diameter		B Overall Height	
mm.	in.	Black	White		mm.	in.	mm.	in.
16,0	.630	**2128**	**2130**	MDP 16	18,5	.728	10,3	.406
20,0	.787	**2131**	**2132**	MDP 20	22,6	.890		
25,0	.984	**2133**	**2134**	MDP 25	29,8	1.173	11,5	.453
32,0	1.260	**2135**	**2136**	MDP 32	35,3	1.388		

Standard color black. Consult Heyco for other colors.



- Multiple sizes for use in **16,0 mm (.630˝) to 32,0 mm (1.260˝) diameter holes**. For other metric sizes, consult Heyco.
- Close unneeded panel holes.
- Quick and easy installation.
- Convex, matte finish head tapers to a thin edge.
- Lock firmly into panel up to 4,1 mm (.162˝) thick.
- Approximate Head Thickness: 1,6 mm (.062˝).
- For **Threaded** Metric Plugs, see page 6-42.
- For our complete range of Dome Plugs, see page 6-23.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579 (MDP's only)
	Certified by Canadian Standards Association, File 8919 (MDP's only)
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

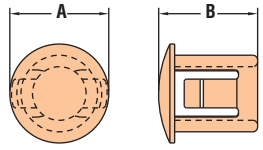
Quick Specs

HEYCO

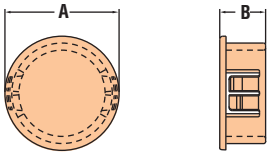
Heyco® Glossy and Thick Panel Glossy Plugs

Mounting Hole Diameter Range: .187″ (4,7 mm) to 2.000″ (50,8 mm)

- **Smooth, glossy head** provides easy glide and shiny finish.
- Close unneeded panel openings.
- Locking fingers snap into holes with fingertip pressure for quick and easy installation.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Multiple sizes for use in .187″ (4,7 mm) to 2.000″ (50,8 mm) diameter holes.
- Lock firmly in panel up to .125″ (3,2 mm) thick. (G parts)
- For use in panels thicker than .125″ (32 mm). (GPT parts)
- Withstand a push back force of 35 pounds.



SINGLE PANEL THICKNESS DESIGN



MULTIPLE PANEL THICKNESS DESIGN

MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.	PART NO. Black	PART NO. White	DESCRIPTION	PART DIMENSIONS A Head Diameter in.	PART DIMENSIONS A Head Diameter mm.	PART DIMENSIONS B Overall Height in.	PART DIMENSIONS B Overall Height mm.
Single Locking Step for Panel Thickness up to .062″ (1,6 mm)								
.187	4,7	**2590**	**2591**	DP 187*	.25	6,4	.23	5,9
.250	6,4	**2600**	**2601**	G 250	.31	7,9	.31	7,9
.312	7,9	**2610**	**2611**	G 312	.38	9,5		
Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)								
.375	9,5	**2620**	**2621**	G 375	.47	11,9	.41	10,3
.437	11,1	**2630**	**2631**	G 437	.53	13,5		
.500	12,7	**2640**	**2641**	G 500	.56	14,3		
.562	14,3	**2650**	**2651**	G 562	.66	16,7		
.625	15,9	**2660**	**2661**	G 625	.73	18,6		
.750	19,1	**2680**	**2681**	G 750	.86	21,8		
.875	22,2	**2700**	**2701**	G 875	.95	24,2	.45	11,5
1.000	25,4	**2710**	**2711**	G 1000	1.13	28,6		
1.093 - 1.125	27,8 - 28,6	**2720**	**2721**	G 1093	1.22	30,9		
1.187	30,1	**2730**	**2731**	G 1187	1.31	33,3		
1.375	34,9	**2760**	**2761**	G 1375	1.49	37,7		
1.500	38,1	**2770**	**2771**	G 1500	1.61	40,8		
1.750	44,4	**2780**	**2781**	G 1750	1.88	47,6		
2.000	50,8	**2795**	**2796**	G 2000	2.13	54,8		
Multiple Locking Steps for Panel Thickness up to .250″ (6,4 mm)								
.500	12,7	**2430**	**2431**	GPT 500	.56	14,3	.56	14,3
.625	15,9	**3134**	**3135**	GPT 625**	.72	18,3	.52	13,1
.750	19,1	**3136**	**3137**	GPT 750**	.85	21,6		
.875	22,2	**3138**	**3139**	GPT 875	.95	24,2	.56	14,3
1.000	25,4	**3140**	**3141**	GPT 1000	1.13	28,6		
1.093 - 1.125	27,8 - 28,6	**3142**	**3143**	GPT 1093	1.22	30,9		
1.187	30,1	**3144**	**3145**	GPT 1187	1.31	33,3		
1.375	34,9	**2432**	**2433**	GPT 1375	1.49	37,7		
1.500	38,1	**2428**	**2429**	GPT 1500	1.61	40,8		
1.750	44,4	**2436**	**2437**	GPT 1750	1.88	47,6		
2.000	50,8	**2438**	**2439**	GPT 2000	2.16	54,8		

Standard color black. Consult Heyco for other colors.
*Convex, glossy finished head tapers to a thin edge.
** Single locking steps for Panel Thickness up to .250″ (6,4 mm)

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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HEYCO

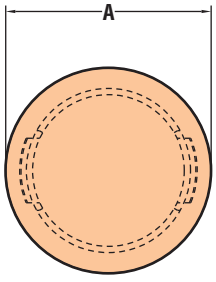
Heyco® Pry Out Plugs

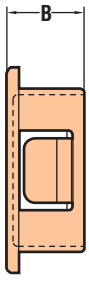
Mounting Hole Diameter Range: .250˝ (6,4 mm) to 2.500˝ (63,5 mm)

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
in.	mm.	Black	White		in.	mm.	in.	mm.
Clearance Fit for Panel Thickness up to .156˝ (4,0 mm)								
.250	6,4	**3053**	**3054**	POP 250	.42	10,7	.33	8,3
Clearance Fit for Panel Thickness up to .172˝ (4,4 mm)								
.312	7,9	**3056**	**3057**	POP 312	.51	12,9	.41	10,3
.375	9,5	**3059**	**3060**	POP 375	.58	14,7		
.437	11,1	**3062**	**3063**	POP 437	.61	15,5		
.500	12,7	**3065**	**3066**	POP 500	.67	17,0		
.562	14,3	**3068**	**3069**	POP 562	.73	18,6		
.625	15,9	**3071**	**3072**	POP 625	.80	20,2		
.687	17,4	**3074**	**3075**	POP 687	.89	22,6		
.750	19,0	**3077**	**3078**	POP 750	.97	24,6		
.812	20,6	**3080**	**3081**	POP 812	1.03	26,2		
.875	22,2	**3083**	**3084**	POP 875	1.08	27,4		
1.000	25,4	**3086**	**3087**	POP 1000	1.22	30,9		
1.093	27,8	**3089**	**3090**	POP 1093	1.30	32,9		
1.187	30,1	**3092**	**3093**	POP 1187	1.41	35,7		
1.250	31,8	**3095**	**3096**	POP 1250	1.45	36,9		
1.375	34,9	**3098**	**3099**	POP 1375	1.58	40,1	.45	11,5
Clearance Fit for Panel Thickness up to .250˝ (6,4 mm)								
1.500	38,1	**3124**	**3125**	POP 1500	1.72	43,6	.45	11,5
1.750	44,5	**2973**	**2974**	POP 1750	1.98	50,3	.48	12,1
2.000	50,8	**2798**	**2799**	POP 2000	2.22	56,4	.48	12,3
2.500	63,5	**2975**	**2976**	POP 2.5	2.69	68,4	.74	18,8

Standard color black. Consult Heyco for other colors.

- **POP in closures** for pipe and tubing ends.
- Retaining fingers without locking steps provide friction fit and allow removal of plug.
- Bumper protection.
- Flat, matte finish head.
- Multiple sizes for use in .250˝ (6,4 mm) to 2.500˝ (63,5 mm) diameter holes for panel thickness up to .250˝ (6,4 mm).
- Approximate Head Thickness: .062˝ (1,6 mm).





Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579
	Certified by the Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

Quick Specs

HEYCO

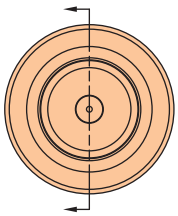
- **Close unneeded sheet metal panel holes, *ergonomically*.**
- Flush button head style.
- Quick, easy installation; quick, easy removal, too.
- Heyco Metric Ergonomic Plugs offer greater versatility because their pliable nature allows one plug size to fit a variety of different sized holes.
- Available in multiple sizes from .57″ (14,5 mm) through 1.34″ (34,0 mm) diameter holes.

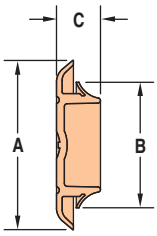
Heyco® Metric Ergonomic Plugs

For Panel Thickness from 0,8 mm (.03″) to 2,0 mm (.08″)
Mounting Hole Diameter Range: 14,5 mm (.57″) to 34,0 mm (1.34″)

MOUNTING HOLE DIAMETER NOMINAL	DIAMETER RANGE		PART NO.	DESCRIPTION	PART DIMENSIONS A Head Diameter		B Bottom Diameter		C Overall Height	
			Black							
mm.	mm.	in.			mm.	in.	mm.	in.	mm.	in.
15	14,5 - 16,0	.57 -.63	**9690**	SMP E-M15	25,0	.98	18,0	.71	7,8	.31
17	15,2 - 18,0	.65 -.71	**9691**	SMP E-M17	28,0	1.10	20,3	.80		
19	18,5 - 20,0	.73 -.79	**9692**	SMP E-M19	30,2	1.19	22,5	.89		
21	20,5 - 22,0	.81 -.87	**9693**	SMP E-M21	32,0	1.26	24,3	.96		
23	22,5 - 24,0	.87 -.95	**9694**	SMP E-M23	34,0	1.34	26,4	1.04		
25	24,5 - 26,0	.97 -1.02	**9695**	SMP E-M25	35,0	1.38	28,0	1.10		
27	26,5 - 28,0	1.04 -1.10	**9696**	SMP E-M27	38,0	1.50	30,3	1.19		
29	28,5 - 30,0	1.12 -1.18	**9697**	SMP E-M29	40,0	1.58	32,3	1.27		
31	30,5 - 32,0	1.20 -1.26	**9698**	SMP E-M31	42,0	1.65	34,3	1.35		
33	32,5 - 34,0	1.28 -1.34	**9699**	SMP E-M33	44,0	1.73	36,3	1.43		

Standard color black.





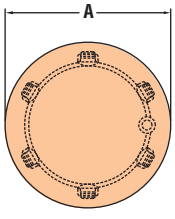
- **Closes cavity-fill insulation holes in wood and other type siding.**
- Fills holes in surfaces of unspecified thickness including cabinetry, furniture, display cases– even masonry.
- Convex, matte finish head blends with various surfaces.
- Quick and easy installation with fingertip pressure (no tool required).
- Holds securely in hole.

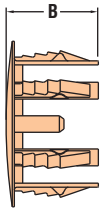
Heyco® Insulation Plug

No Maximum Panel Thickness

MOUNTING HOLE DIAMETER		PART NO.		DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
		Black	White					
in.	mm.				in.	mm.	in.	mm.
1.000	25,4	**3149**	**3150**	IPW 1	1.23	31,3	.69	17,5

Standard color black. Consult Heyco for other colors.





Quick Specs

Material	SMP E	Flex Temp (Thermoplastic Rubber)
Material	IPW	Nylon 6/6
Flammability Rating		94V-2
Temperature Range	(Both)	-40°F (-40°C) to 221°F (105°C)

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HEYCO

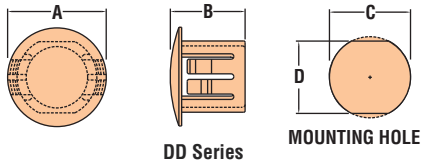
Heyco® Double D Hole Plugs

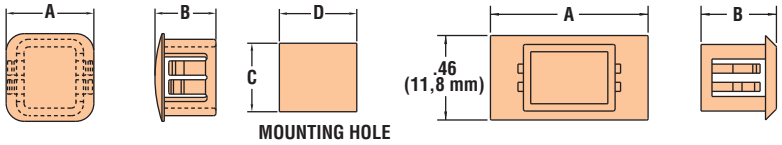
For Mounting Holes with Flats
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)

PANEL DIMENSIONS C Mounting Hole Dia. in.	mm.	D To Prevent Rotation in.	mm.	PART NO. Black	White	DESCRIPTION	PART DIMENSIONS A Head Diameter in.	mm.	B Overall Height in.	mm.
.375	9,5	.345	8,8	**2617**	**2618**	DP 375*	.47	11,9	.41	10,3
.437	11,1	.390	9,9	**2488**	**2489**	DD 437-390	.53	13,5		
.500	12,7	.445	11,3	**2491**	**2492**	DD 500-445	.55	14,7		
.562	14,3	.530	13,5	**2494**	**2495**	DD 562-530	.66	16,7		
.625	15,9	.550	14,0	**2497**	**2498**	DD 625-550	.73	18,5		
.750	19,1	.625	15,9	**2503**	**2504**	DD 750-625	.92	23,4		
.875	22,2	.770	19,5	**2509**	**2510**	DD 875-770	1.02	25,8	.45	11,5
				2511	–	DD 875-770-9**	.94	23,8		
1.109	28,2	1.000	25,4	**2717**	**2718**	DD 1109-1000	1.22	30,9		
2.000	50,8	1.875	47,6	**2959**	**2963**	DD 2000-1875	2.17	55,1	.48	12,1

Standard colors black and white. Consult Heyco for other colors.
*On installation, DP 375 Locking Fingers must be aligned with Mounting Hole Flats.
**Smaller than standard Head Diameter, for clearance situations.

- **Close unwanted Strain Relief mounting holes** or other double faced or Double D holes punched or molded with two opposing flats.
- Convex, matte finish head tapers to a thin edge.
- Quick and easy installation.
- Lock firmly in panels up to .125˝ (3,2 mm) thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Approximate Head Thickness: .062˝ (1,6 mm). Thickness may vary.





Heyco® Rectangular Blanking & Connector Port Plugs

Multiple Locking Steps for Various Panel Thicknesses

PANEL DIMENSIONS Maximum Thickness in.	mm.	Mounting Hole C Length in.	mm.	D Width in.	mm.	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Head Dimensions in.	mm.	B Overall Height in.	mm.
.04	1,0	.27	6,9	.29	7,4	**2512**	RP 69-74*	.37 x .37	9,4 x 9,4	.33	8,4
.14	3,5	.37	9,5	.51	13,0	**3388**	RP 95-130**	.46 x .87	11,8 x 22	.41	10,5
				1.02	26,0	**3389**	RP 95-260**	.46 x 1.38	11,8 x 35		
.10	2,5	.45	11,5	.51	13,9	**1890**	RP 115-139	.58 x .58	14,7 x 14,7	.40	10,2
.16	4,0	.69	17,5	.69	17,5	**1892**	RP 175-175	.83 x .83	21,1 x 21,1	.47	11,9

Standard color black. Consult Heyco for other colors. *Single locking step for Panel Thickness up to .04˝ (1,0 mm).
** Connector port sizes.

- Blank unused rectangular panel holes.
- **PN 1890** - UR Recognized under the Component Program of Underwriters' Laboratories File E15331.
- **PN 1892** - UR Recognized under the Component Program of Underwriters' Laboratories File E51579 and CSA Certified by the Canadian Standards Association File 8919.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriter Laboratories File E51579 (DD only)
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

Quick Specs

HEYCO

- Molded of **transparent** polycarbonate for internal viewing or light transmission.
- Snap into mounting holes with fingertip pressure–no tools required.
- Multiple sizes for use in .187˝ (4,7 mm) to 2.000˝ (50,8 mm) diameter holes.
- Lock firmly into panel up to .125˝ (3,2 mm) thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Approximate Head Thickness: .062˝ (1,6 mm). Thickness may vary.
- **Available in a variety of tints –consult Heyco.**

Consult Heyco for Window Tints Other Than Clear.

Heyco® Window Plugs

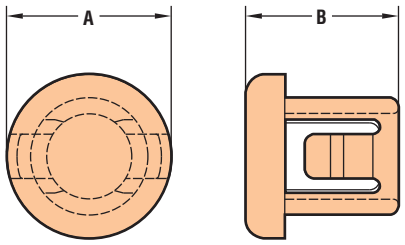
Mounting Hole Diameter Range: .187˝ (4,7 mm) to 2.000˝ (50,8 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
in.	mm.	Clear*		in.	mm.	in.	mm.
Single Locking Step for Panel Thickness up to .062˝ (1,6 mm)							
.187	4,7	**1300**	WP 187	.25	6,4	.23	5,9
.250	6,4	**1301**	WP 250	.31	7,9	.31	7,9
.312	7,9	**1302**	WP 312	.38	9,5		
Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)							
.375	9,5	**1303**	WP 375	.47	11,9	.41	10,3
.437	11,1	**1304**	WP 437	.53	13,5		
.500	12,7	**1305**	WP 500	.56	14,3		
.625	15,9	**1307**	WP 625	.73	18,6		
.750	19,1	**1309**	WP 750	.86	21,8		
.875	22,2	**1311**	WP 875	.95	24,2	.45	11,5
1.000	25,4	**1312**	WP 1000	1.13	28,6		
1.093 - 1.125	27,8 - 28,6	**1313**	WP 1093	1.22	30,9		
1.375	34,9	**1314**	WP 1375	1.50	38,1		
1.500	38,1	**1316**	WP 1500	1.62	41,2		
1.750	44,5	**1318**	WP 1750	1.88	47,6		
2.000	50,8	**1319**	WP 2000	2.16	54,8		

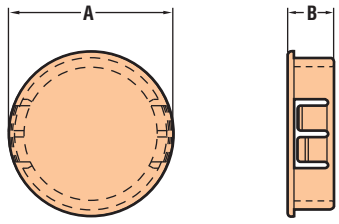
*Consult Heyco for Window Plugs in tinted colors.

Infrared Window Plug

Blue Transparent Window Plug



SINGLE PANEL THICKNESS DESIGN



MULTIPLE PANEL THICKNESS DESIGN

Quick Specs

Material	Polycarbonate
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 239°F (115°C)

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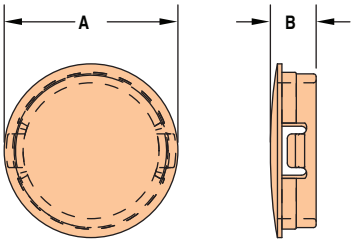
HEYCO

Heyco® Shorty Window Plugs

Single Locking Step for Panel Thickness up to .062˝ (1,6 mm)
Mounting Hole Diameter Range: .510˝ (13,0 mm) to 1.010˝ (25,7 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
in.	mm.	Clear*		in.	mm.	in.	mm.
.510	13,0	**1292**	SWP 510	.56	14,3	.25	6,4
.635	16,1	**1293**	SWP 635	.73	18,6		
.760	19,3	**1294**	SWP 760	.86	21,8		
.885	22,5	**1295**	SWP 885	.95	24,2		
		1295AA	**SWP 885 Infrared***				
1.010	25,7	**1296**	SWP 1010	1.13	28,6		

*Consult Heyco for Shorty Window Plugs in tinted colors.



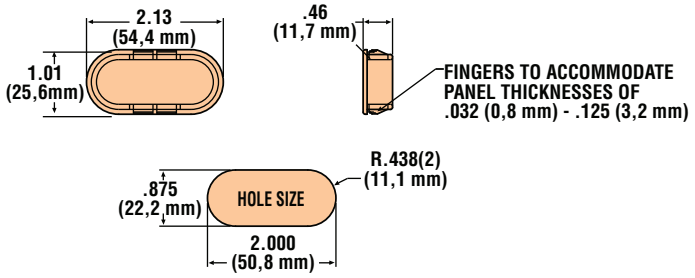
- Lock firmly into panels up to .062˝ (1,6 mm) thick, with **limited intrusion** inside the panel.
- Molded of transparent polycarbonate for internal viewing or light transmission.
- Snap into mounting holes with fingertip pressure–no tools required.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Multiple sizes for use in .510˝ (13,0 mm) to 1.010˝ (25,7 mm) diameter holes.
- Flammability Rating 94V-2.
- **Available in a variety of tints –consult Heyco.**

Heyco® Oval Window Plug

Multiple Locking Steps for Panel Thickness up to .125˝ (3,2 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	PART DIMENSIONS Head Diameter		Overall Height	
in.	mm.	Clear*		in.	mm.	in.	mm.
see schematic		**1299**	OWP 875-2000	2.13 - 1.01	54,4 - 26,6	.46	11,7

*Consult Heyco for Oval Window Plugs in tinted colors.



- **Large viewing window** for internal components.
- Locking fingers in fractional increments up to the maximum panel thickness.

Consult Heyco for Window Tints Other Than Clear.

Material	Polycarbonate
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 239°F (115°C)

Quick Specs

HEYCO

Heyco® Knock-Out Seals and Thick Panel Knock-Out Seals

Mounting Hole Diameter Range: 1/2″ to 2″ Electrical Knock-outs (.875″ to 2.500″ nominal)

- **Plug electrical knock-outs**.
- Molded in silver gray color to resemble galvanized steel.
- Install quickly with fingertip pressure (no tool required).
- Economical.
- Multiple trade sizes fit 1/2″ to 2″ knock-out holes.
- Lock firmly in boxes up to 1/8″ thick, except for Part Number 4002 (KOS 2) and Thick Panel Knock-Out Seals (KOST's) which lock firmly in boxes up to 1/4″ thick.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Approximate Head Thickness: .062″ (1,6 mm). Thickness may vary.
- To adapt a Knock-Out to accept a Heyco Strain Relief, see page 4-37 for Knock-Out Adapters.

MOUNTING HOLE DIAMETER		TRADE SIZE	PART NO. Silver Gray	DESCRIPTION	PART DIMENSIONS			
					A Head Diameter		B Overall Height	
in.	mm.				in.	mm.	in.	mm.
Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)								
.875	22,2	**1/2**	**3997**	KOS 1/2	1.02	25,8		
1.093	27,8	**3/4**	**3998**	KOS 3/4	1.22	31,0		
1.375	34,9	**1**	**3999**	KOS 1	1.50	38,1	.45	11,5
1.750	44,5	**1-1/4**	**4000**	KOS 1-1/4	1.91	48,4		
2.000	50,8	**1-1/2**	**4001**	KOS 1-1/2	2.16	54,9		
Multiple Locking Steps for Panel Thickness up to .250″ (6,4 mm)								
.875	22,2	**1/2**	**3991**	KOST 1/2	1.02	25,8		
1.093	27,8	**3/4**	**3992**	KOST 3/4	1.22	31,0	.56	14,3
1.375	34,9	**1**	**3993**	KOST 1	1.50	38,1		
1.750	44,5	**1-1/4**	**3994**	KOST 1-1/4	1.91	48,4		
2.000	50,8	**1-1/2**	**3995**	KOST 1-1/2	2.16	54,9	.58	14,7
2.500	63,5	**2**	**4002**	KOS 2	2.73	69,3	.75	19,1

Standard color silver gray.

Heyco® V-0 Knock-Out Seals

Multiple Locking Steps for Panel Thickness up to .125″ (3,2 mm)
Mounting Hole Diameter Range: 1/2″ to 1-1/2″ Electrical Knock-outs (.875″ to 2.000″ nominal)

- **Molded from a nylon material which, in the event of a fire, will not burn and will not produce toxic gases**. Also formulated for sunlight resistance.

MOUNTING HOLE DIAMETER		TRADE SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS			
					A Head Diameter		B Overall Height	
in.	mm.				in.	mm.	in.	mm.
.875	22,2	**1/2**	**2706**	HFP 875	1.02	25,8		
1.093	27,8	**3/4**	**2729**	HFP 1093	1.22	31,0		
1.375	34,9	**1**	**2759**	HFP 1375	1.50	38,1	.45	11,5
1.750	44,5	**1-1/4**	**2779**	HFP 1750	1.91	48,4		
2.000	50,8	**1-1/2**	**2789**	HFP 2000	2.16	54,9		

Standard color black.

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579
	Certified by Canadian Standards Association, File 8919
Flammability Rating	KOS: 94V-2, HFP 94V-0
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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HEYCO

Heyco® V-0 Liquid Tight Hole Plugs

Standard 85 Durometer Plugs

Maximum Panel Thickness .125″ (3,2 mm)
Mounting Hole Diameter Range: .500″ (12,7 mm) to 1.375″ (34,9 mm)

MOUNTING HOLE DIAMETER		PART NO.	DESCRIPTION	UL or CSA	PART DIMENSIONS					
					A Head Diameter		B Overall Height		C Head Thickness	
in.	mm.	Black			in.	mm.	in.	mm.	in.	mm.
.500	12,7	**3830**	KOS LT 500	CSA	.91	23,1	.45	11,4	.29	7,4
.625	15,9	**3834**	KOS LT 625	CSA	1.03	26,2	.47	11,9	.31	7,9
.750	19,1	**3831**	KOS LT 750	CSA	1.15	29,2	.51	13,0	.35	8,9
.875	22,2	**3833**	KOS LT 1/2	UL	1.23	32,5	.50	13,5	.36	9,1
1.000	25,4	**3832**	KOS LT 1000	CSA	1.41	35,8	.56	14,2	.40	10,2
1.093	27,8	**3835**	KOS LT 3/4	UL	1.53	38,6	.55	14,0		
1.375	34,9	**3837**	KOS LT 1	UL	1.78	45,2	.57	14,5	.42	10,7

Available in black only.

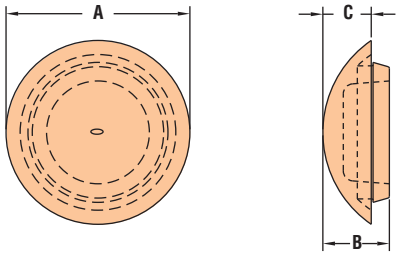
- **Oil tight, rain tight, submersible.**
- UL certified for outdoor applications.
- V0 Flammability rating.
- Install with fingertip pressure (no tool required).
- Multiple nominal sizes fit .500″ (12,7 mm) to 1.00″ (25,4 mm) true size mounting holes.
- Three trade sizes fit 1/2″ to 1″ knock-out holes.
- Lock firmly in boxes from .030″ (0,8 mm) to .125″ (3,2 mm) thick.
- True sizes are UL recognized under Underwriters' Laboratories File E51579 and CSA certified by Canadian Standard Association File 8919.
- Trade sizes are UL listed under Underwriters' Laboratories File E51579 and CSA certified by Canadian Standard Association File 081067C.

Low 75 Durometer Plugs

Maximum Panel Thickness .125″ (3,2 mm)
Mounting Hole Diameter Range: .875″ (22,2 mm) to 1.375″ (34,9 mm)

MOUNTING HOLE DIAMETER*		PART NO.	DESCRIPTION	UL or CSA	PART DIMENSIONS*					
					A Head Diameter		B Overall Height		C Head Thickness	
in.	mm.	Black			in.	mm.	in.	mm.	in.	mm.
.875	22,2	**3833FN**	KOS LT 1/2 LD	UL	1.23	32,5	.53	13,5	.36	9,1
1.093	27,8	**3835FN**	KOS LT 3/4 LD	UL	1.53	38,6	.55	14,0	.40	10,2
1.375	34,9	**3837FN**	KOS LT 1 LD	UL	1.80	45,2	.56	14,3	.42	10,7

Standard colors black and gray. For gray parts, substitute "FP" for the part number suffix "FN".
*Consult Heyco for other Liquid Tight Hole Plug sizes in Low Durometer material.



Material	85 Durometer		TPE-Hardness 85 Shore A
	75 Durometer		TPE-Hardness 75 Shore A
Certifications	Trade Sizes (1/2, 3/4, 1)	UL	Listed under Underwriters' Laboratories File E51579
		CSA	Certified by Canadian Standard Association File 081067C
	True Sizes	CSA	Recognized under Underwriters' Laboratories File E51579
	(all others)	CSA	Certified by Canadian Standard Association File 8919
Flammability Rating			94V-0
Temperature Range			-81°F (-60°C) to 275°F (135°C)

Quick Specs

HEYCO

Heyco® Nylon Liquid Tight Threaded Plugs

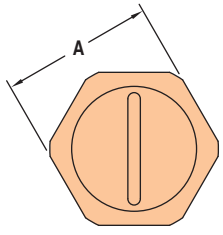
NO O-RING REQUIRED!

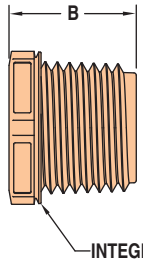
Liquid Tight, with Integral Sealing Ring
Hex Head with Slot

- **Integral sealing ring** ensures a superior seal at mounting hole location, every time.
- IP 68 Rated.
- Provide a liquid-tight seal up to 70 psi.
- UL Rated for Type NEMA 3R, 4 and 4X applications.
- Threaded plugs for hydraulic and pneumatic applications.
- Seal threaded openings and protect against contamination and moisture.
- Lower cost option over brass or steel plugs.
- Non-corrosive–resist salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- Resist oil and heat up to 221°F (105°C).
- Approximate Head Thickness: .21˝ (5,3 mm). Thickness may vary.
- Hex shaped head with slot for wrench or screwdriver installation.
- Electrically non-conductive Nylon 6/6.

THREAD TYPE/SIZE	PART NO. Black	Gray	NEW! V-0 Black	DESCRIPTION	PART DIMENSIONS A Wrenching Flats in.	mm.	B Overall Length in.	mm.
NPT								
NPT 1/4	**3544B**	**3544**	-	LTTP NPT 1/4	.63	16,0	.66	16,8
NPT 3/8	**3545B**	**3545**	-	LTTP NPT 3/8	.83	21,0	.69	17,5
NPT 1/2	**3546B**	**3546**	**V3546**	LTTP NPT 1/2	.98	24,9	.81	20,6
NPT 3/4	**3547B**	**3547**	**V3547**	LTTP NPT 3/4	1.29	32,8	.86	21,8
NPT 1	**3548B**	**3548**	**V3548**	LTTP NPT 1	1.74	44,2	1.05	26,7
NPT 1-1/4*	**3549B**	**3549**	**V3549**	LTTP NPT 1-1/4	2.06	52,3	1.08	27,4
PG - for PG Thread Specifications, see page 3-49								
PG 7	**3574B**	**3574**	-	LTTP PG 7	.63	16,0	.53	13,5
PG 9	**3575B**	**3575**	-	LTTP PG 9	.83	21,0		
PG 13.5	**3576B**	**3576**	-	LTTP PG 13.5	.98	24,9	.62	15,8
PG 21	**3401B**	**3401**	-	LTTP PG 21	1.29	32,8	.68	17,3
PG 29	**3578B**	**3578**	-	LTTP PG 29	1.74	44,2	.87	22,1
PG 36	**3579B**	**3579**	-	LTTP PG 36	2.06	52,3	.78	19,8
Metric								
M12	**3582B**	**3582**	-	LTTP M12	.63	16,0	.53	13,5
M16	**3583B**	**3583**	-	LTTP M16	.83	21,1		
M20	**3584B**	**3584**	-	LTTP M20	.98	24,9	.62	15,8
M32	**3586B**	**3586**	-	LTTP M32	1.74	44,2	.87	22,1
M40	**3587B**	**3587**	-	LTTP M40	2.06	52,3	.78	19,8

Standard color black. Consult Heyco for other colors.
*Not cURus.





Quick Specs

Material		Nylon 6/6
Certifications	cULus	Recognized under the Component Program of Underwriters' Laboratories, File E330194 to both Canadian and U.S. Requirements
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 221°F (105°C)
IP Rating		IP 68 (70 PSI, 5 BAR)

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HEYCO

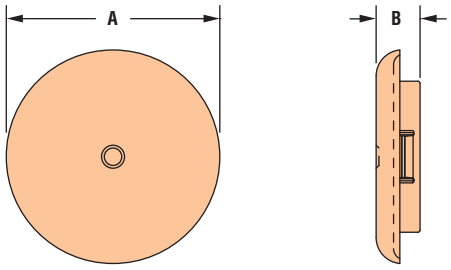
HEYCo-molded™ Liquid Tight Break-Thru Plugs

Consult Heyco for Colors Other Than Black

Mounting Hole Diameter Range: .500˝ (12,7 mm) to 1.500˝ (38,1 mm)*

PANEL DIMENSIONS Thickness at Locking Finger Steps		Mounting Hole Diameter*		CABLE DIAMETER RANGE		PART NO. Black	DESCRIPTION	PART DIMENSIONS A Head Diameter		B Overall Height	
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
For Panels up to .063˝ (1,6 mm) Thick											
.020	0,5	.500	12,7	.080 - .200	2,0 - 5,1	**C2008**	LTBP 500-063	.92	23,4	.32	8,1
.032	0,8	.625	15,9	.130 - .375	3,3 - 9,5	**C2012**	LTBP 625-063	1.03	26,2		
.040	1,0	.750	19,1	.175 - .400	4,4 - 10,2	**C2016**	LTBP 750-063	1.15	29,2		
.048	1,2	.875	22,2	.130 - .450	3,3 - 11,4	**C2020**	LTBP 875-063	1.28	32,5		
.063	1,6	1.000	25,4	.200 - .715	5,1 - 18,2	**C2022**	LTBP 1000-063	1.43	36,3		
		1.093	27,8	.250 - .765	6,4 - 19,4	**C2024**	LTBP 1093-063	1.53	38,9		
For Panels from .063˝ (1,6 mm) to .250˝ (6,4 mm) Thick											
.063	1,6	.500	12,7	.080 - .200	2,0 - 5,1	**C2058**	LTBP 500-250	.92	23,4	.63	15,9
.080	2,0	.625	15,9	.130 - .375	3,3 - 9,5	**C2062**	LTBP 625-250	1.03	26,2		
.094	2,4	.750	19,1	.175 - .400	4,4 - 10,2	**C2066**	LTBP 750-250	1.15	29,2		
.125	3,2	.875	22,2	.130 - .450	3,3 - 11,4	**C2070**	LTBP 875-250	1.28	32,5		
.157	4,0	1.000	25,4	.200 - .715	5,1 - 18,2	**C2072**	LTBP 1000-250	1.43	36,3		
.200	5,1	1.093	27,8	.250 - .765	6,4 - 19,4	**C2074**	LTBP 1093-250	1.53	38,9		
.250	6,4	1.375	34,9	.300 - .950	7,6 - 24,1	**C2080**	LTBP 1375-250	1.80	45,7	.67	17,0
		1.500	38,1	.375 - 1.060	9,5 - 26,9	**C2082**	LTBP 1500-250	1.93	49,0		

Standard color black. Consult Heyco for other colors.
*Consult Heyco for other Mounting Hole Diameters. Our Axcell Rapid Response Team is ready to meet your requirements.



- These **co-molded** nylon and elastomer parts function as **Liquid Tight Plugs** with an IP 67/68 rating, yet can be pierced by **round wire, cable or tubing** to function as **Liquid Tight Bushings** with the same resulting IP 67/68 rating.
- **Certified by UL under UL 635**
- For use in panels as thin as .020˝ (0,5 mm) and as thick as .250˝ (6,4 mm).
- Provide liquid tight closure when used as a plug. When pierced, function as a liquid tight bushing that convert raw edged holes to smooth, neat, insulated holes.
- Used as a liquid tight bushing, HEYCo-molded Liquid Tight Break-Thru Plugs insulate and mechanically protect electrical and telecommunications cable, tubing, hose, rope, and utility lines.
- Locking fingers snap into holes with fingertip pressure.
- Locking fingers in fractional increments up to the maximum panel thickness.
- Withstand a push back force of greater than 35 pounds.
- Available in multiple sizes for use in .500˝ (12,7 mm) to 1.500˝ (38,1 mm) diameter holes.

Materials		Nylon 6/6 and TPE
Certifications		Recognized under the Component Program of Underwriters' Laboratories File E15331
Flammability Rating		HB
Temperature Range		-40°F (-40°C) to 212°F (100°C)
IP Rating		67/68

Quick Specs

HEYCO

HEYCap™ D-Subminiature Protection Caps

- DSC Series Caps are designed to provide **electrostatic discharge protection** for rectangular D-subminiature input/output type connectors.
- Designed with an **integral flange** for easy application and removal.
- Fit over both **Standard Density** and **High Density** D-Sub Shells.
- Molded in pink dissipative ethylene vinyl acetate, which **meets the static decay requirements** of MIL-PRF-81705D: Surface resistivity less than $1x10^{12}$ ohms/sq.
- For similar schematic drawings see D-Subminiature Mounting Hole Plugs, see page 6-40.

SHELL DIMENSIONS						PART NO.	DESCRIPTION	PART DIMENSIONS							
Shell Designation & Type		A Width		B Length				C Head		D Head		E Body		F Body	
		in.	mm.	in.	mm.	Pink*		in.	mm.	in.	mm.	in.	mm.	in.	mm.
1 or E	9 Socket	.31	7,9	.64	16,3	**G5160**	DSC 1S	.79	20,1	.45	11,4	.72	18,2	.38	9,5
	9 Pin	.33	8,4	.67	16,9	**G5161**	DSC 1P	.86	21,8	.51	12,9	.78	19,8	.43	10,9
2 or A	15 Socket	.31	7,9	.97	24,6	**G5162**	DSC 2S	1.10	27,9	.45	11,4	1.04	26,4	.38	9,5
	15 Pin	.33	8,4	.99	25,2	**G5163**	DSC 2P	1.19	30,2	.51	12,9	1.12	28,3	.43	10,9
3 or B	25 Socket	.33	7,9	1.51	38,3	**G5164**	DSC 3S	1.66	42,2	.46	11,7	1.12	28,3	.37	9,4
	25 Pin	.31	8,4	1.53	40,0	**G5165**	DSC 3P	1.70	43,2	.52	13,2	1.58	40,2	.43	11,0
4 or C	37 Socket	.31	7,9	2.16	54,8	**G5166**	DSC 4S	2.29	58,2	.45	11,4	1.61	41,0	.37	9,3
	37 Pin	.33	8,4	2.18	55,4	**G5167**	DSC 4P	2.37	60,2	.52	13,2	1.23	30,5	.45	11,4
5 or D	50 Socket	.42	10,7	2.06	52,4	**G5168**	DSC 5S	2.21	56,1	.56	14,2	2.15	54,5	.49	12,3
	50 Pin	.44	11,1	2.08	52,8	**G5169**	DSC 5P	2.27	57,6	.62	15,7	2.20	55,8	.55	14,0
6	104 Socket	.49	12,3	2.19	55,6	**G5170**	DSC 6S	2.35	59,7	.65	16,5	2.27	57,6	.56	14,3
	104 Pin	.50	12,8	2.21	56,2	**G5171**	DSC 6P	2.44	62,0	.70	17,8	2.29	58,2	.58	14,8

* Material: Pink Static Dissipative Ethylene Vinyl Acetate (EVA). Black Conductive Polyethylene Copolymer also available, please consult Heyco.

HEYCap™ Electro Miniature Protection Caps

- EMC Series Caps fit 36- and 68-pin Champ 050 series connectors and 50-pin Champ-type connectors.
- Designed with an **integral flange** for easy application and removal.
- Molded in pink dissipative ethylene vinyl acetate, which **meets the static decay requirements** of MIL-PRF-81705D: Surface resistivity less than $1x10^{12}$ ohms/sq.
- For similar schematic drawings see D-Subminiature Mounting Hole Plugs, see page 6-40.

SHELL DIMENSIONS					PART NO.	DESCRIPTION	PART DIMENSIONS							
Typical Configuration	A Width		B Length				C Head		D Head		E Body		F Body	
	in.	mm.	in.	mm.	Pink*		in.	mm.	in.	mm.	in.	mm.	in.	mm.
36 Pin	.25	6,4	1.05	26,7	**G5172**	EMC 36	1.18	30,0	.40	10,2	1.11	27,9	.31	7,9
50 Pin	.48	12,1	2.51	63,5	**G5173**	EMC 50	2.63	66,8	.60	15,2	2.57	65,1	.54	13,6
68 Pin	.26	6,6	1.83	46,5	**G5174**	EMC 68	1.95	49,5	.38	9,6	1.89	48,0	.32	8,1

*Material: Pink Static Dissipative Ethylene Vinyl Acetate (EVA). Black Conductive Polyethylene Copolymer also available, please consult Heyco.

Quick Specs

Material	Pink Static Dissipative Ethylene Vinyl Acetate (EVA)
Temperature Range	-98°F (-68°C) to 140°F (60°C)

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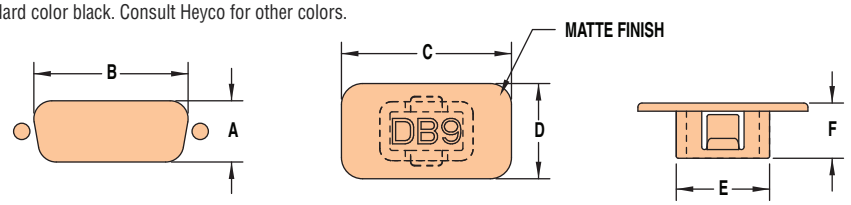
HEYCO

Heyco® Nylon D-Subminiature Mounting Hole Plugs

Clearance Fit for Panel Thickness up to .170˝ (4,3 mm)

MOUNTING HOLE SIZE A in.	A mm.	B in.	B mm.	PART NO. Black	DESCRIPTION	PART DIMENSIONS C Head in.	C Head mm.	D in.	D mm.	E Body in.	E Body mm.	F in.	F mm.
.45	11,4	.81	20,6	**2966**	POP-DB9	1.25	31,8	.70	17,8	.69	17,5	.41	10,4
		1.13	28,8	**2968**	POP-DB15	1.57	39,8	.70	17,8	1.05	26,7		
		1.67	42,5	**2970**	POP-DB25	2.12	51,0	.70	17,8	1.55	39,4		
		2.32	59,1	**2972**	POP-DB37	2.77	70,4	.70	17,8	2.23	56,6		

Standard color black. Consult Heyco for other colors.



- **Fit standard D-Subminiature Cutouts**.
- Provide aesthetic improvement for unused D-subminiature connector mounting holes.
- Suitable for use as dust protection for unused parallel and serial ports on computers and other electrical equipment.
- Cover unwanted holes in panel and are easily removable.
- Quick and easy installation with fingertip pressure.

Custom Color Match and Special Engraved Identificatio Available. Consult Heyco for Details

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories, File E51579
	Certified by Canadian Standards Association, File 8919
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)

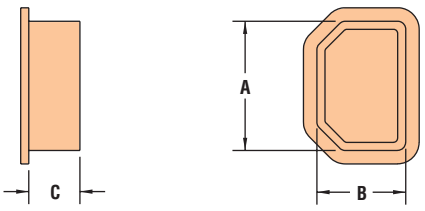
Quick Specs

Heyco® IEC-14 Plug

For IEC-13 Female Connectors

PART NO. Black	DESCRIPTION	PART DIMENSIONS A in.	A mm.	B in.	B mm.	C in.	C mm.
G5365	IECP C14	.96	24,4	.66	16,8	.38	9,7

Standard color black.



- These non-conductive plugs are used to **protect female IEC-13 connectors** during transit and storage.
- Will keep your connector **free of dust, moisture, and contaminants**.
- The flanged Plug head provides **ease of installation and removal**.
- Consult Heyco for the **IEC-20 Plug** (for IEC-19 female connectors).

Material	LDPE
Temperature Range	-94°F (-70°C) to 150°F (66°C)

Quick Specs

HEYCO

ALL NEW PRODUCTS!

Heyco® Connector Caps and Plugs

USB-A Cap

- Silicone material for high temperature applications up to 302°F (150°C).
- Protects adapter's internal components with stress-free installation.

USB-B Cap

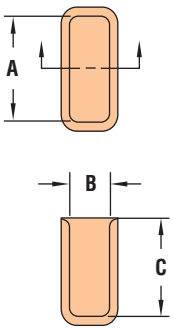
- Non-conductive, inexpensive, protects USB-B ports.
- Shields female ports from dust, moisture, and contaminants.
- USB-B plugs have a convenient pull-tab for quick and easy removal.
- Applicable Specs: USB-B MS-90376-Y, MS-25177, NAS-820, NAS-837

CP-RJ Plugs

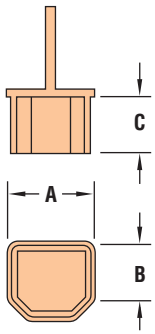
- Silicone material for high temperature applications up to 302° F (150° C).
- Protects adapter's internal components with stress-free installation.
- For Heyco Connector Port Plugs, **Part Nos. 3388 and 3389,** see page 6-32.

PART NO. Black	DESCRIPTION	PART DIMENSIONS A in.	A mm.	B in.	B mm.	C in.	C mm.
USB Series							
2960	USB-A Cap*	.48	12,2	.18	4,6	.44	11,1
2962	USB-B Plug	.36	9,0	.25	6,4	.25	6,4
CP Series							
2967	CP-RJ11	.41	10,4	.41	10,4	.33	8,4
2969	CP-RJ45	.49	12,4				

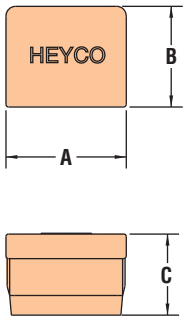
*USB-A Cap color is red.

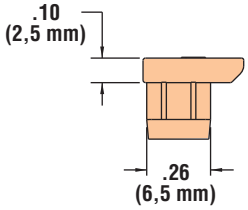


USB-A



USB-B





CP-RJ

Quick Specs

	USB-A	USB-B	CP-RJxx
Material	Vinyl	LDPE	Silicone Rubber
Fammability Rate	HB	HB	HB
Temperature Range	-26°F (-32°C) to 200°F (93°C)	0°F (-18°C) to 175°F (79°C)	-26°F (-32°C) to 400°F (204°C)

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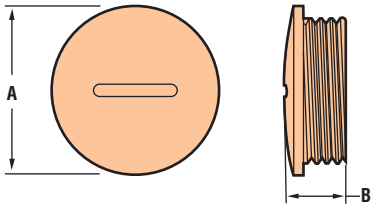
HEYCO

Heyco® PG Threaded Plugs

Round Head with Slot

THREAD TYPE/SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
	Gray	Black		in.	mm.	in.	mm.
PG 7	**3405**	**3405B**	TP PG 7	.59	15,0	.32	8,0
PG 9	**3407**	**3407B**	TP PG 9	.75	19,0	.37	9,5
PG 11	**3402**	**3402B**	TP PG 11	.87	22,0		
PG 13	**3412**	**3412B**	TP PG 13	.98	25,0	.39	10,0
PG 16	**3414**	**3414B**	TP PG 16	1.06	27,0		
PG 21	**3416**	**3416B**	TP PG 21	1.30	33,0	.47	12,0
PG 29	**3418**	**3418B**	TP PG 29	1.73	44,0		
PG 36	**3415**	**3415B**	TP PG 36	2.17	55,0	.55	14,0
PG 48	**3417**	**3417B**	TP PG 48	2.72	69,0	.63	16,0

Standard color gray and black. Consult Heyco for other colors.



- **Used to close unneeded PG and Metric threaded holes** when other threaded accessories may be added at a later time.
- Protection Class IP 50.
- PG plugs are molded of shock resistant polystrene and metric plugs are molded of Nylon 6.
- Designed with slot for screwdriver installation.
- For PG Thread specifications, see page 3-49.
- Working temperature range: -4°F (-20°C) to 176°F (80°C).
- Consult Heyco for other colors.

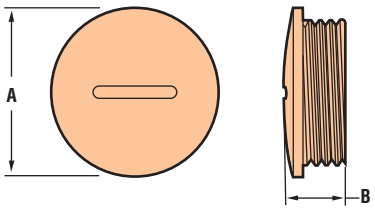
Heyco® Metric Threaded Plugs

Round Head with Slot

THREAD TYPE/SIZE	PART NO.		DESCRIPTION	PART DIMENSIONS			
				A Head Diameter		B Overall Height	
	Gray	Black		in.	mm.	in.	mm.
M12 x 1,5	**3403**	**3403B**	TP M12	.59	15,0		
M16 x 1,5	**3404**	**3404B**	TP M16	.79	20,0	.41	10,5
M20 x 1,5	**3406**	**3406B**	TP M20	.95	24,0		
M25 x 1,5	**3408**	**3408B**	TP M25	1.18	30,0	.51	13,0
M32 x 1,5	**3409**	**3409B**	TP M32	1.48	37,0	.53	13,5
M40 x 1,5	**3410**	**3410B**	TP M40	1.81	46,0	.55	14,0
M50 x 1,5	**3411**	**3411B**	TP M50	2.20	56,0	.63	16,0
M63 x 1,5	**3413**	**3413B**	TP M63	2.76	70,0	.71	18,0

Standard color gray and black. Consult Heyco for other colors.

- For **Heyco Snap-In Metric Dome Plugs**, see page 6-28.



Materials	PG	Impact Resistant Polystrene
	Metric	Nylon 6
Flammability Rating		94V-2
Temperature Range		-4°F (-20°C) to 176°F (80°C)
IP Rating		IP 50

Quick Specs

HEYCO

Heyco® Threaded Plugs for Straight Threaded Ports

With Integral Sealing Ring **For SAE Threaded Ports** 12-Point Socket Head with Slot

For NPS Threaded Ports

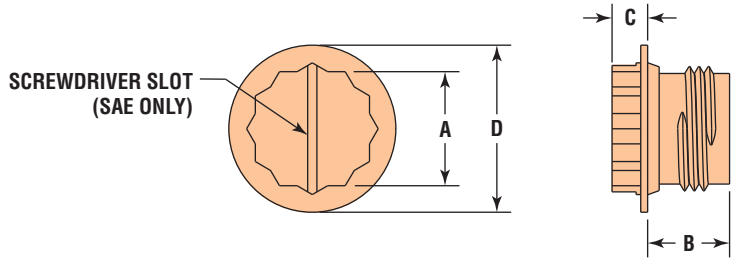
- Provide a positive seal on NPS threaded ports.
- Flange compresses against the mounting hole surface area, keeping contaminants from the spot face.
- Round, 12-point "socket pattern" head.
- Integral, serrated Shoulder Washer.
- Applicable Specs. MIL-C-52078, MIL-C-5501/5, NAS 840.
- Red color.

For SAE and ISO Threaded Ports

- Provide a dual, positive seal on SAE and ISO straight-threaded ports.
- Integral Sealing Ring seats into the bevel of the threaded opening to prevent oil or fluid leakage.
- Lip on the flange compresses against the mounting hole surface, keeping contaminants from the spot face.
- Suitable for gasketing (optional).
- Slotted, 12-point head for screwdriver (SAE only), socket or wrench tightening.
- Round "socket pattern" Head.

THREADED PORT	PART NO.	DESCRIPTION	A 12-Point Socket Size*	PART DIMENSIONS B Depth		C Head Height		D Shoulder Diameter	
				in.	mm.	in.	mm.	in.	mm.
For NPS Threaded Ports - Red Color									
1/8	**G5410**	PNPS 1/8	9/16	.27	6,9	.31	7,9	.56	14,2
1/4	**G5411**	PNPS 1/4	9/16	.37	9,4	.31	7,9	.74	18,8
3/8	**G5412**	PNPS 3/8	9/16	.33	8,4	.38	9,7	.83	21,1
1/2	**G5413**	PNPS 1/2	9/16	.55	14,0	.37	9,4	1.04	26,4
3/4	**G5414**	PNPS 3/4	9/16	.63	16,0	.41	10,4	1.31	33,3
For SAE Threaded Ports - Red Color - with Integral Sealing Ring*									
7/16-24	**G5420**	PSAE 7/16-24	3/8	.34	8,6	.26	6,6	.66	16,8
7/16-20	**G5421**	PSAE 7/16-20							
1/2-20	**G5422**	PSAE 1/2-20	7/16	.34	8,6	.30	7,6	.73	18,5
9/16-18	**G5423**	PSAE 9/16-18	1/2	.36	9,1	.30	7,6	.80	20,3
3/4-16	**G5424**	PSAE 3/4-16	11/16	.41	10,4	.31	7,9	1.02	25,9
7/8-14	**G5425**	PSAE 7/8-14	13/16	.53	13,5	.31	7,9	1.16	29,5
1-1/16-12	**G5426**	PSAE 1-1/16-12	1	.61	15,5	.31	7,9	1.45	36,8
1-5/16-12	**G5427**	PSAE 1-5/16-12	1-1/4	.61	15,5	.33	8,4	1.74	44,2
1-5/8-12	**G5428**	PSAE 1-5/8-12	1-9/16	.61	15,5	.33	8,4	2.17	55,1
1-7/8-12	**G5429**	PSAE 1-7/8-12	1-7/8	.62	15,7	.34	8,6	2.42	61,5
For ISO Threaded Ports - Green Color - with Integral Sealing Ring									
10 x 1.5	**G5431**	PISO 10	10	.33	8,4	.33	8,4	.65	16,5
12 x 1.5	**G5432**	PISO 12	12	.41	10,4	.34	8,6	.73	18,5
14 x 1.5	**G5433**	PISO 14	12	.41	10,4	.38	9,7	.81	20,6
18 x 1.5	**G5434**	PISO 18	16	.41	10,4	.44	11,2	.97	24,6
22 x 1.5	**G5435**	PISO 22	20	.41	10,4	.44	11,2	1.12	28,4
27 x 2	**G5436**	PISO 27	24	.41	10,4	.44	11,2	1.36	34,5

* SAE Threaded Ports feature a slotted Socket Head.



Quick Specs

	PNPS & PSAE	PISO
Material	HDPE	Polypropylene
Temperature Range	0°F (-18°C) to 165°F (74°C)	-90°F (-70°C) to 250°F (121°C)

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HEYCO

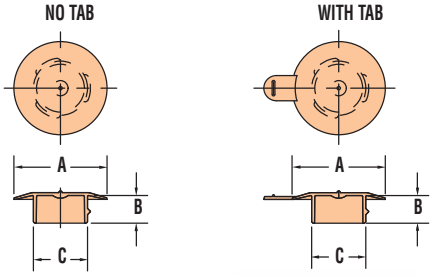
Heyco® Push-In Threaded Plugs

For SAE and NPT Threaded Ports

THREAD TYPE/SIZE SAE in.	THREAD TYPE/SIZE NPT in.	PART NO. Black No Tab	PART NO. Black With Tab	DESCRIPTION	PART DIMENSIONS A Head Diameter in.	A Head Diameter mm.	B Overall Height in.	B Overall Height mm.	C Bottom Dia. in.	C Bottom Dia. mm.
1/4	-	**9680**	-	TP PI-250	.40	10,2	.25	6,4	.21	5,3
5/16	-	**9681**	-	TP PI-312	.52	13,2	.24	6,1	.25	6,4
3/8	1/8	**9682**	**9682T**	TP PI-375	.59	15,0	.24	6,1	.32	8,1
7/16	-	**9683**	**9683T**	TP PI-437	.64	16,3	.27	6,9	.37	9,4
1/2	1/4	**9684**	**9684T**	TP PI-500	.72	18,3	.27	6,9	.44	11,2
9/16	-	**9685**	-	TP PI-562	.81	20,6	.29	7,4	.50	12,7
5/8	3/8	**9686**	**9686T**	TP PI-625	.96	24,4	.29	7,4	.56	14,2
3/4	-	**9687**	**9687T**	TP PI-750	.95	24,1	.29	7,4	.68	17,3
7/8	-	**9688**	**9688T**	TP PI-875	1.15	29,2	.29	7,4	.80	20,3

Standard color black.

- Offer the convenience of a push-in plug with the plugging quality of a threaded plug.
- Available with or without convenient Pull Tab for easy removal.



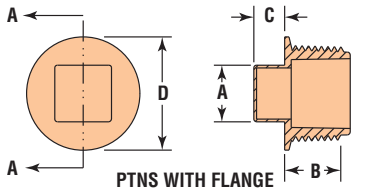
Heyco® TEMPlugs™

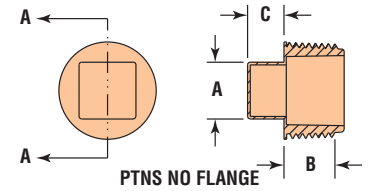
For NPT Threaded Ports
Temporary Threaded Plugs for In-House Pressure Testing, Handling, and Transport

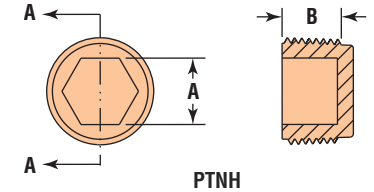
NPT THREADED PORT SIZE	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Wrenching Flats in.	A Wrenching Flats mm.	B Threaded Section in.	B Threaded Section mm.	C Head Height in.	C Head Height mm.	D Flange Diameter in.	D Flange Diameter mm.
Square Head - with Flange										
1/8	**G5440**	PTNS 1/8-F	.43	10,9	.29	7,4	.19	4,8	.56	14,2
1/4	**G5441**	PTNS 1/4-F	.44	11,2	.35	9,0	.25	6,4	.69	17,5
3/8	**G5442**	PTNS 3/8-F	.44	11,2	.41	10,4	.25	6,4	.81	20,6
1/2	**G5443**	PTNS 1/2-F	.56	14,2	.47	11,9	.25	6,4	1.00	25,4
3/4	**G5444**	PTNS 3/4-F	.63	16,0	.52	13,2	.25	6,4	1.25	31,8
Square Head - no Flange										
3/4	**G5449**	PTNS 3/4	.62	15,7	.52	13,2	.25	6,4	n/a	n/a
1	**G5450**	PTNS 1	.81	20,6	.59	15,0				
1-1/4	**G5451**	PTNS 1-1/4	1.00	25,4	.83	21,1	.38	9,7		
1-1/2	**G5452**	PTNS 1-1/2	1.25	31,8						
Hex Head										
1/4	**G5455**	PTNH 1/4	.25	6,4	.31	7,9				
3/8	**G5456**	PTNH 3/8	.31	7,9	.38	9,7				
1/2	**G5457**	PTNH 1/2	.38	9,7						
3/4	**G5458**	PTNH 3/4	.56	14,2	.50	12,7				
1	**G5459**	PTNH 1	.63	16,0	.53	13,5				

Standard color black.

- Not intended for permanent applications; commonly used for low-pressure testing and in-plant processing.
- Keep contaminants and moisture from threaded ports.
- Oil and heat resistant up to 250°F.
- Applicable Spec: MIL-C-5501/5, NAS 840.







Material	EVA Ethylene Vinyl Acetate (part nos. 9680 & 9681)
	LDPE Low Density Polyethylene (part nos. 9682 thru 9688T)
	HDPE High-Density Polyethylene (TEMPlugs)
Temperature Range	EVA -98°F (-68°C) to 140°F (60°C)
	LDPE -94°F (-70°C) to 150°F (66°C)
	HDPE 0°F (-18°C) to 165°F (74°C)

HEYCO

HEYCap™ Tapered Caps and Plugs–NPT

For **NPT** Fitting Hubs and Threaded Mounting Holes

- HEYCaps can be used as either **caps or plugs**.
- Because they are tapered in design and made from highly flexible polyethylene, they not only **fit snugly** but are readily **removable**.
- Applicable Specs: MIL-C-5501/7 (MIL-C-52078), NAS-835.

CAPS:

- Especially recommended for use on **threaded external NPT fitting hubs**.
- Part dimensions are based on average threaded hub fit. Before ordering in quantity, please sample HEYCaps.
- Recommended Closures: Threaded hubs where Cap dimension B is at least 1% smaller than the hub to be capped. Minimum .020" (0,5 mm).

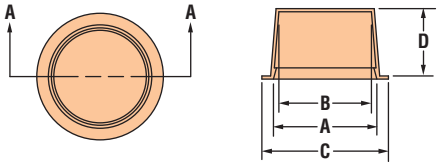
PLUGS:

- Especially recommended for use on **threaded internal NPT fittings and mounting holes**.
- Part dimensions are based on average tapped hole fit. Before ordering in quantity, please sample HEYCap Tapered Plugs.
- Recommended Closures: Threaded mounting holes where Plug dimension A is at least 1% larger than the hole to be plugged. Minimum .020" (0,5 mm).

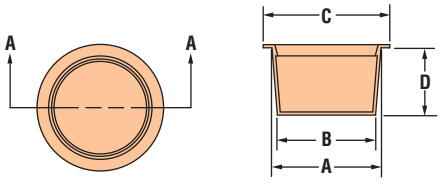
Fits this NPT Hub or Mounting Hole	PART NO. Red	DESCRIPTION	PART DIMENSIONS A - Major Body Diameters in.	A - Major Body Diameters mm.	B - Minor Body Diameters in.	B - Minor Body Diameters mm.	C Head Diameter in.	C Head Diameter mm.	D Depth in.	D Depth mm.
HEYCap Tapered Caps* for NPT Fitting Hubs - Body Diameters reference Inside										
1/8	**G5014**	TCP 49-42†	.42	10,7	.36	9,0	.63	16,0	.38	9,7
1/4	**G5020**	TCP 61-55	.55	13,8	.47	11,9	.75	19,1	.44	11,2
3/8	**G5027**	TCP 76-69	.69	17,6	.61	15,6	.88	22,4	.50	12,7
1/2	**G5035**	TCP 91-85	.85	21,6	.74	18,8	1.06	26,9	.63	16,0
3/4	**G5047**	TCP 115-108	1.08	27,5	.93	23,7	1.31	33,3	.75	19,1
1	**G5057**	TCP 136-130	1.30	33,0	1.17	29,8	1.50	38,1	.81	20,6
1-1/4	**G5071**	TCP 168-162	1.62	41,1	1.50	38,0	1.88	47,8	.75	19,1
1-1/2	**G5080**	TCP 195-189	1.89	48,0	1.72	43,6	2.13	54,1		
2	**G5096**	TCP 246-240	2.40	61,0	2.24	56,8	2.63	66,8	1.00	25,4
2-1/2	**G5110**	TCP 299-295	2.95	74,9	2.69	68,2	3.13	79,5		
3	**G5116**	TCP 356-349	3.49	88,7	3.20	81,3	3.69	93,7	1.13	28,7
HEYCap Tapered Plugs ** for NPT Threaded Mounting Holes - Body Diameters reference Outside										
1/8	**G5011**	TCP 40-33	.40	10,1	.33	8,4	.53	13,5	.38	9,7
1/4	**G5014**	TCP 49-42†	.49	12,4	.42	10,7	.63	16,0		
3/8	**G5022**	TCP 63-57	.63	16,0	.55	14,0	.75	19,1	.47	11,9
1/2	**G5029**	TCP 79-73	.79	20,1	.69	17,5	.94	23,9	.56	14,2
3/4	**G5040**	TCP 104-98	1.04	26,4	.92	23,4	1.16	29,5	.69	17,5
1	**G5048**	TCP 122-115	1.22	31,0	1.09	27,7	1.41	35,8	.75	19,1
1-1/4	**G5068**	TCP 160-154	1.60	40,6	1.51	38,4	1.75	44,5	.50	12,7
1-1/2	**G5075**	TCP 181-175	1.81	46,0	1.78	45,2	2.00	50,8	.38	9,7
2	**G5090**	TCP 226-220	2.26	57,4	2.23	56,6	2.50	63,5	.50	12,7
2-1/2	**G5106**	TCP 279-273	2.79	70,9	2.64	67,1	2.94	74,7	.75	19,1
3	**G5115**	TCP 346-338	3.46	87,9	3.33	84,6	3.63	92,2		

*May also be used as Plugs: to determine Outside Diameters, add approximately .06˝ (1,5 mm) to Inside Diameter dimensions.
**May also be used as Caps: to determine Inside Diameters, subtract approximately .06˝ (1,5 mm) from Outside Diameter dimensions.
†**Part No. G5014** functions as a Cap for NPT 1/8˝ Hubs and a Plug for NPT 1/4˝ Hubs.
Standard color red.

TAPERED CAP



TAPERED PLUG



Quick Specs

Material	LDPE Standard Color: Red
Temperature Range	-94°F (-70°C) to 150°F (66°C)

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HEYCO

HEYCap™ Tapered Caps and Plugs–SAE

For **SAE** Fitting Hubs and Threaded Mounting Holes

Fits this SAE Hub or Mounting Hole	PART NO. Red	DESCRIPTION	PART DIMENSIONS A - Major Body Diameters in.	A - Major Body Diameters mm.	B - Minor Body Diameters in.	B - Minor Body Diameters mm.	C Head Diameter in.	C Head Diameter mm.	D Depth in.	D Depth mm.
HEYCap Tapered Caps* for SAE Fitting Hubs - Body Diameters reference Inside										
1/8	**G5009**	TCP 37-30†	.30	7,7	.24	6,0	.50	12,7		
3/16	**G5013**	TCP 46-39	.39	10,0	.33	8,3	.59	15,0	.38	9,7
1/4	**G5015**	TCP 51-45	.45	11,5	.39	9,8	.66	16,8		
5/16	**G5022**	TCP 63-57	.57	14,4	.49	12,4	.75	19,1	.47	11,9
3/8	**G5023**	TCP 67-61	.61	15,4	.52	13,2	.81	20,6	.50	12,7
1/2	**G5031**	TCP 82-76	.76	19,3	.66	16,8	.97	24,6	.57	14,2
5/8	**G5036**	TCP 93-87	.87	22,0	.75	19,1	1.09	27,7	.63	16,0
3/4	**G5047**	TCP 115-108	1.08	27,5	.93	23,7	1.31	33,3	.75	19,1
1	**G5057**	TCP 136-130	1.30	33,0	1.17	29,8	1.50	38,1	.81	20,6
1-1/4	**G5071**	TCP 168-162	1.62	41,1	1.50	38,0	1.88	47,8	.75	19,1
1-1/2	**G5080**	TCP 195-189	1.89	48,0	1.72	43,6	2.13	54,1	1.00	25,4
1-3/4	**G5092**	TCP 231-225	2.25	57,2	2.07	52,7	2.56	65,0		
2	**G5097**	TCP 260-254	2.54	64,5	2.33	59,3	2.81	71,4	1.03	26,2
**HEYCap Tapered Plugs ** ** for SAE Threaded Mounting Holes - Body Diameters reference Outside										
1/8	**G5007**	TCP 30-24	.30	7,7	.24	6,0	.44	11,2		
3/16	**G5009**	TCP 37-30†	.37	9,3	.30	7,6	.50	12,7	.38	9,7
1/4	**G5012**	TCP 43-37	.43	10,8	.36	9,2	.56	14,2		
5/16	**G5014**	TCP 49-42	.49	12,3	.42	10,6	.63	16,0		
3/8††	**G5016**	TCP 55-49	.55	13,9	.47	12,0	.69	17,5	.44	11,2
	G5020	TCP 61-55	.61	15,4	.53	13,5	.75	19,1		
1/2	**G5026**	TCP 73-66	.73	18,5	.64	16,3	.88	22,4	.50	12,7
5/8	**G5033**	TCP 85-79	.85	21,5	.75	19,1	1.00	25,9	.56	9,9
3/4	**G5040**	TCP 104-98	1.04	26,4	.92	23,2	1.16	29,5	.69	17,5
1	**G5049**	TCP 128-122	1.28	32,6	1.18	29,8	1.44	36,6	.63	16,0
1-1/4	**G5068**	TCP 160-154	1.60	40,6	1.51	38,4	1.75	44,5	.50	12,7
1-1/2	**G5077**	TCP 188-182	1.88	47,8	1.75	44,5	2.00	50,8	.75	19,1
1-3/4	**G5089**	TCP 224-218	2.24	57,0	2.07	52,5	2.44	62,0	1.00	25,4
2	**G5096**	TCP 246-240	2.46	62,6	2.30	58,4	2.63	66,8	1.00	25,4

*May also be used as Plugs: to determine Outside Diameters, add approximately .06˝ (1,5 mm) to Inside Diameter dimensions.
**May also be used as Caps: to determine Inside Diameters, subtract approximately .06˝ (1,5mm) from Outside Diameter dimensions.
†Part No. **G5009** functions as a Cap for SAE 1/8˝ Hubs and a Plug for SAE 3/16˝ Hubs.
††Use Part No. **G5016** for SAE 9/16-18 thread and Part No. **G5020** for SAE 5/8-18 thread
Standard color red.

- HEYCaps can be used as either **caps or plugs**.
- Because they are tapered in design and made from highly flexible polyethylene, they not only **fit snugly** but are readily **removable**.
- Applicable Specs: MIL-C-5501/7 (MIL-C-52078), NAS-835.

CAPS:

- Especially recommended for use on **threaded external SAE and MIL Std.-type** tube and hydraulic fittings.
- Part dimensions are based on average threaded hub fit. Before ordering in quantity, please sample HEYCaps.
- Recommended Closures: Threaded hubs where Cap dimension B is at least 1% smaller than the hub to be capped. Minimum .020" (0,5 mm).

PLUGS:

- Especially recommended for use on **threaded internal SAE and MIL Std.-type** tube and hydraulic fittings.
- Part dimensions are based on average tapped hole fit. Before ordering in quantity, please sample HEYCap Tapered Plugs.
- Recommended Closures: Threaded mounting holes where Plug dimension A is at least 1% larger than the hole to be plugged. Minimum .020" (0,5 mm).
- See schematic on page 6-45.

Material	LDPE
	Standard Color: Red
Temperature Range	-94°F (-70°C) to 150°F (66°C)

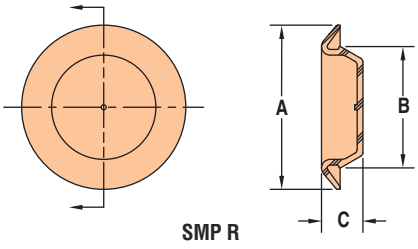
Quick Specs

HEYCO

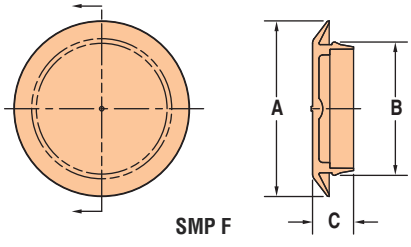
Heyco® LDPE Sheet Metal Plugs

For Panel Thicknesses from .02″ (0,5 mm) to .18″ (4,6 mm)
Mounting Hole Diameter Range: .18″ (4,6 mm) to 3.00″ (76,2 mm)

- **Close unneeded sheet metal panel holes** in equipment such as automobile bodies, tanks, refrigeration units, etc.
- Recessed button head style (SMP R).
- Flush button head style (SMP F).
- Retaining bead snaps easily into place.
- For easier to install Sheet Metal Plugs made from flexible Santoprene, see Heyco Metric Ergonomic Plugs on page 6-31.



SMP R



SMP F

PANEL DIMENSIONS				PART NO.	DESCRIPTION	PART DIMENSIONS					
Thickness Range		Mounting Hole Diameter Range				A Head Diameter		B Bottom Diameter		C Overall Height	
in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
Recessed Head - for Panel Thicknesses from .02″ (0,5 mm) to .18″ (4,6 mm)											
.02 -10	0,51-2,54	.37-.39	9,4-9,9	**9610**	SMP R-375	.75	19,1	.41	10,4	.31	7,9
.02-.07	0,51-1,78	.50-.52	12,7-13,2	**9611**	SMP R-500	.85	21,6	.55	14,0	.29	7,4
.02-.14	0,51-3,56	.73-.76	18,5-19,3	**9614**	SMP R-750	1.16	29,5	.79	20,1	.34	8,6
.02-.07	0,51-1,78	.79-.82	20,1-20,8	**9615**	SMP R-812	1.15	29,2	.85	21,6	.29	7,4
.02-.10	0,51-2,54	.87-.90	22,1-22,9	**9616**	SMP R-875	1.23	31,2	.93	23,6	.35	8,9
		.99-1.02	25,2-25,9	**9618**	SMP R-1000	1.35	34,3	1.05	26,7		
		1.04-1.07	26,4-27,2	**9619**	SMP R-1062	1.40	35,6	1.10	27,9		
		1.09-1.12	27,7-28,5	**9620**	SMP R-1093	1.47	37,3	1.16	29,5		
.02-.18	0,51-4,57	1.10-1.15	27,9-29,2	**9621**	SMP R-1125	1.53	38,9	1.18	30,0	.43	10,9
.01-.10	0,25-2,54	1.23-1.27	31,2-32,3	**9622**	SMP R-1250	1.60	40,6	1.30	33,0	.35	8,9
		1.30-1.34	33,0-34,0	**9623**	SMP R-1312	1.67	42,4	1.36	34,5		
.02-.10	0,51-2,54	1.36-1.40	34,6-35,6	**9624**	SMP R-1375	1.73	43,9	1.43	36,3		
		1.48-1.52	37,6-38,6	**9625**	SMP R-1500	1.85	47,0	1.55	39,4		
.03-.10	0,76-2,54	1.59-1.65	40,4-41,9	**9627**	SMP R-1625	2.00	50,8	1.68	42,7	.36	9,1
.02-.10	0,51-2,54	1.75	44,5	**9628**	SMP R-1750	2.13	54,1	1.80	45,7	.35	8,9
		1.85-1.90	47,0-48,3	**9631**	SMP R-1875	2.24	56,9	1.93	49,0		
.02-.10	0,51-2,54	1.97-2.02	50,0-51,3	**9632**	SMP R-2000	2.35	59,7	2.05	52,1	.36	9,1
		2.50	63,5	**9633**	SMP R-2.5	3.00	76,2	2.57	65,3	.38	9,7
		3.00	76,2	**9635**	SMP R-3.0	3.56	90,4	3.06	77,7	.41	10,4
Flush Head - for Panel Thicknesses from .02″ (0,5 mm) to .11″ (2,8 mm)											
.02-.04	0,51-1,02	.18-.19	4,6-4,9	**9640**	SMP F-M5*	.39	9,9	.21	5,3	.21	5,3
.02-.06	0,51-1,52	.23-.24	5,8-6,1	**9641**	SMP F-M6*	.50	12,7	.29	7,4	.45	11,4
.02-.07	0,51-1,78	.24-.25	6,1-6,4	**9642**	SMP F-250*	.50	12,7	.28	7,1	.21	5,3
.02-.05	0,51-1,27	.37-.38	9,4-9,7	**9644**	SMP F-375	.75	19,1	.41	10,4	.19	4,8
.03-.06	0,76-1,52	.43-.45	10,9-11,4	**9646**	SMP F-437	.69	17,5	.47	11,9	.22	5,6
.03-.08	0,76-2,03	.49-.51	12,5-13,0	**9647**	SMP F-500	.86	21,8	.54	13,7	.25	6,4
		.55-.56	14,0-14,2	**9648**	SMP F-562	.87	22,1	.60	15,2		
.06-.08	1,52-2,03	.62	15,7	**9649**	SMP F-625	.81	20,6	.67	17,0		
.03-.08	0,76-2.03	.68-.70	17,3-17,8	**9650**	SMP F-687	1.01	25,7	.73	18,5		
.05-.11	1,27-2,79	.73-.76	18,5-19,3	**9651**	SMP F-750	1.01	25,7	.79	20,1	.29	7,4
.03-.08	0,76-2,03	.86-.88	21,8-22,4	**9654**	SMP F-875	1.16	29,5	.91	23,1	.25	6,4
		.92-.95	23,4-24,1	**9656**	SMP F-937	1.31	33,3	.98	24,9		
		1.00	25,4	**9657**	SMP F-1000	1.38	35,1	1.04	26,4		
.02-.18	0,51-4,57	1.10-1.15	27,9-29,2	**9660**	SMP F-1125	1.53	38,9	1.18	30,0	.43	10,9
.03-.08	0,76-2,03	1.16-1.20	29,5-30,5	**9661**	SMP F-1187	1.56	39,6	1.22	31,0	.25	6,4
		1.25	31,8	**9663**	SMP F-1250	1.62	41,1	1.29	32,8		
		1.29-1.33	32,8-33,8	**9664**	SMP F-1312	1.68	42,7	1.36	34,6		
		1.50	38,1	**9665**	SMP F-1500	1.88	47,8	1.54	39,1		
		1.75	44,5	**9666**	SMP F-1750	2.12	53,8	1.79	45,5		
		1.98-2.01	50,3-51,1	**9667**	SMP F-2000	2.36	59,9	2.04	51,8		
		2.50	63,5	**9669**	SMP F-2.5	3.00	76,2	2.56	65,0		
		3.00	76,2	**9671**	SMP F-3.0	3.36	85,3	3.06	77,7		

Standard color black.
* Molded from EVA.

Material	EVA* and LDPE
Temperature Range	-98°F (-68°C) to 140°F (60°C) (EVA)
	-94°F (-70°C) to 150°F (66°C) (LDPE)

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HEYCO

HEYCaps™ and Plugs for Round Tubing

CRT Series - Clearance Fit

TUBE A Outside Dia. in.	TUBE A Outside Dia. mm.	PART NO. Black	DESCRIPTION	HEYCap B Height in.	HEYCap B Height mm.
Standard Duty					
.25	6,4	**G5200**	CRT 25	.46	11,7
.38	9,5	**G5201**	CRT 38		
.50	12,7	**G5202**	CRT 50	.59	15,0
.63	15,9	**G5203**	CRT 63		
.75	19,1	**G5204**	CRT 75	.71	18,0
.88	22,2	**G5205**	CRT 88		
1.00	25,4	**G5207**	CRT 100	.85	21,6
1.13	28,6	**G5208**	CRT 113		
1.25	31,8	**G5209**	CRT 125	.98	24,9
1.50	38,1	**G5210**	CRT 150		
1.75	44,5	**G5211**	CRT 175	1.10	27,9
Heavy Duty				Depth	
.75	19,1	**G5212**	CRT 75H	.50	12,7
.88	22,2	**G5213**	CRT 88H		
1.00	25,4	**G5214**	CRT 100H		
1.13	28,6	**G5215**	CRT 113H	.62	15,8
1.25	31,8	**G5216**	CRT 125H		

Standard color black.

PRT Series - Ribbed Fit

TUBE DIMENSIONS Inside Diameter Range Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	Typical Gauge	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Outside Diameter in.	A mm.	B Depth in.	B mm.
.31	7,9	.33	8,4	13 - 14	**G5220**	PRT 50-13	.50	12,7	.45	11,4
.37	9,4	.43	10,9	16 - 20	**G5221**	PRT 50-16				
.46	11,7	.56	14,2	14 - 20	**G5223**	PRT 63-14	.63	15,9	.44	11,2
.58	14,7	.68	17,3	14 - 20	**G5224**	PRT 75-14	.75	19,1		
.61	15,5	.71	18,1	10 - 14	**G5225**	PRT 88-10	.88	22,2		
.71	18,0	.91	23,1	14 - 20	**G5226**	PRT 88-14				
.73	18,5	.83	21,1	10 - 14	**G5227**	PRT 100-10	1.00	25,4		
.83	21,0	.93	23,6	14 - 20	**G5228**	PRT 100-14				
.96	23,4	1.06	26,9	14 - 20	**G5229**	PRT 113-14	1.13	28,6	.52	13,2
.98	24,9	1.08	27,4	10 - 14	**G5230**	PRT 125-10	1.25	31,8		
1.08	27,4	1.18	30,0	14 - 20	**G5231**	PRT 125-14				
1.21	30,7	1.31	33,3	14 - 20	**G5232**	PRT 138-14	1.34	34,9	.50	12,7
1.17	29,7	1.28	32,5	8 - 12	**G5233**	PRT 150-08	1.50	38,1	.52	13,2
1.23	21,2	1.33	33,8	10 - 14	**G5234**	PRT 150-10				
1.33	33,8	1.43	36,3	14 - 20	**G5235**	PRT 150-14				
1.36	34,5	1.46	37,1	10 - 14	**G5236**	PRT 163-10	1.63	41,3	.50	12,7
1.46	37,0	1.56	39,6	14 - 20	**G5237**	PRT 163-14	1.63	41,3	.52	13,2
1.48	37,6	1.58	40,1	10 - 14	**G5238**	PRT 175-10	1.75	44,5	.59	15,0
1.58	40,1	1.68	42,7	14 - 20	**G5239**	PRT 175-14				
1.73	43,9	1.83	46,5	10 - 14	**G5241**	PRT 200-10	1.95	49,5		
1.83	46,5	1.93	49,0	14 - 20	**G5242**	PRT 200-14	2.00	50,8		
1.86	47,2	2.00	50,8	10 - 14	**G5243**	PRT 213-10	2.13	54,0	.67	17,0
1.98	50,3	2.08	52,8	10 - 14	**G5244**	PRT 225-10	2.25	57,2	.66	16,8
2.08	52,8	2.18	53,4	14 - 20	**G5245**	PRT 225-14	2.25	57,2	.69	17,5
2.11	53,6	2.21	56,1	10 - 14	**G5246**	PRT 238-10	2.38	60,3	.66	16,8
2.17	55,1	2.28	57,9	8 - 12	**G5247**	PRT 250-08	2.50	63,5	.69	17,5
2.43	61,7	2.47	62,7	14 - 20	**G5248**	PRT 250-14				

Standard color black.

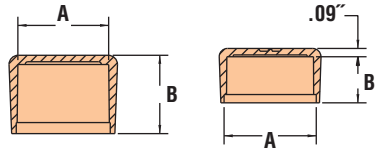
Material	LDPE
Temperature Range	-94°F (-70°C) to 150°F (66°C)

Standard Duty

- HEYCaps Series CRT Caps for Round Tubing make **economical, attractive glides** for household and patio furniture; office tables, chairs and equipment; utility carts and exercise equipment.
- As **finishing caps** for both tubing and rods, they cover any scratches, burrs or distortions that may result from cutting operations.
- Provide protection against injury from sharp rod and tubing edges.
- See pages 6-49 and 6-50 for Heyco Plugs for Square and Rectangular Tubing.

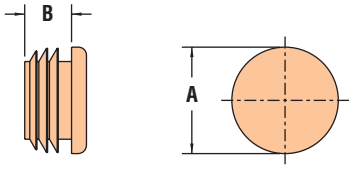
Heavy Duty

- Heavy Duty Caps **finish the ends of round tubing** on numerous products such as furniture, lawn and garden equipment, tools and appliances.
- **Thick wall construction** makes them ideal for threaded connections where extra protection is required.
- Designed for **easy installation**.
- **Seat with a firm grip** that prevents accidental removal.



STANDARD DUTY HEAVY DUTY

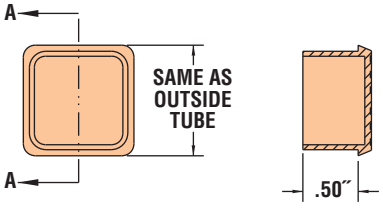
- With durable construction and **excellent gliding edges**, Heyco PRT Series Plugs for Round Tubing may be used on a wide range of metal furniture, appliances, and similar items.
- **Tapered rib design** ensures a secure fit.
- A **thick, impact and abrasion resistant base** makes PNT Series Plugs ideal tubing closures for products subject to heavy-duty service or exposure to adverse environments.
- Not subject to rust or corrosion.
- For larger diameter sizes, please consult Heyco.



HEYCO

Heyco® Plugs for Square Tubing

- Heyco Series PST Plugs for Square Tubing **finish raw tubing ends** with a clean finish.
- Sized for different gauges, **fit flush with tubing sides**.
- **Keep dirt and moisture out** of sensitive areas.
- All PST Series Plugs are **.50˝ (12,7 mm) in depth**.
- **Protect against injury** from sharp tubing edges.
- See page 6-48 for HEYCaps and Plugs for Round Tubing
- See page 6-50 for Heyco Plugs for Rectangular Tubing.

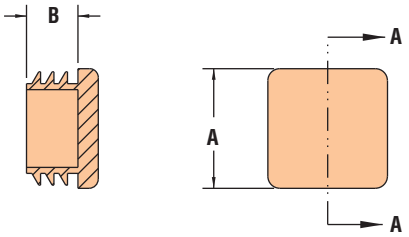


PST Series - Clearance Fit

TUBE DIMENSIONS				Typical Gauge	PART NO. Black	DESCRIPTION
Outside Dimension		Inside Dimension				
in.	mm.	in.	mm.			
.50	12,7	.37	9,4	16	**G5260**	PST 50-16
.75	19,1	.62	15,7	16	**G5261**	PST 75-16
1.00	25,4	.76	19,3	11	**G5262**	PST 100-11
		.83	21,1	14	**G5263**	PST 100-14
		.87	22,1	16	**G5264**	PST 100-16
		.90	22,9	18	**G5265**	PST 100-18
		.93	23,6	20	**G5266**	PST 100-20
1.25	31,8	1.01	25,7	11	**G5267**	PST 125-11
		1.08	27,4	14	**G5268**	PST 125-14
		1.12	28,4	16	**G5269**	PST 125-16
1.50	38,1	1.26	32,0	11	**G5270**	PST 150-11
		1.33	33,9	14	**G5271**	PST 150-14
		1.37	34,8	16	**G5272**	PST 150-16
2.00	50,8	1.76	44,7	11	**G5273**	PST 200-11
		1.83	46,6	14	**G5274**	PST 200-14
		1.87	47,5	16	**G5275**	PST 200-16

Standard color black.

- Heyco PSTR Series Plugs feature **externally tapered ribs** designed to fit a wide range of tubing gauges while accommodating any dimensional fluctuations within the tubing.
- Exterior ribs provide a **sure grip inside the tubing**, without the unsightly plastic shavings found on many straight wall glide installations.
- Not subject to rust or corrosion.
- For larger sizes, please consult Heyco.



PSTR Series - Ribbed Fit

TUBE DIMENSIONS					PART NO.	DESCRIPTION	PART DIMENSIONS			
Inside Dimension Range				Typical Gauge			A Outside Dimension		B Depth	
Minimum		Maximum								
in.	mm.	in.	mm.		Black		in.	mm.	in.	mm.
.37	9,4	.40	10,2	16 - 18	**G5280**	PST R-50-16	.50	12,7	.44	11,2
.46	11,8	.56	14,2	14 - 20	**G5281**	PST R-63-14	.63	15,9	.43	10,9
.48	12,2	.58	14,8	10 - 14	**G5282**	PST R-75-10	.75	19,1		
.58	14,8	.68	17,3	14 - 20	**G5283**	PST R-75-14				
.71	18,1	.81	20,6	14 - 20	**G5284**	PST R-88-14	.88	22,2		
.73	18,6	.83	21,2	10 - 14	**G5285**	PST R-100-10	1.00	25,4		
.83	21,2	.93	23,6	14 - 20	**G5287**	PST R-100-14				
.96	24,5	1.06	26,9	14 - 20	**G5289**	PST R-113-14	1.13	28,6	.49	12,4
.98	24,9	1.08	27,5	10 - 14	**G5290**	PST R-120-10	1.25	31,8	.52	13,2
1.08	27,5	1.18	30,0	14 - 20	**G5291**	PST R-120-14				
1.11	28,2	1.21	30,8	10 - 14	**G5292**	PST R-138-10	1.38	34,9		
1.21	30,8	1.31	33,3	14 - 20	**G5293**	PST R-138-14				
1.23	31,3	1.33	33,9	10 - 14	**G5294**	PST R-150-10	1.50	38,1		
1.33	33,9	1.43	36,3	14 - 20	**G5295**	PST R-150-14				
1.48	37,6	1.58	40,2	10 - 14	**G5296**	PST R-170-10	1.75	44,5		
1.58	40,2	1.68	42,7	14 - 20	**G5297**	PST R-170-14				
1.52	38,7	1.67	42,4	4 -8	**G5298**	PST R-200-04	2.00	50,8		
1.73	44,0	1.83	46,6	10 - 14	**G5299**	PST R-200-10				
1.83	46,6	1.93	49,0	14 - 20	**G5300**	PST R-200-14				
1.98	50,3	2.08	52,9	10 - 14	**G5301**	PST R-225-10	2.25	57,2		
2.09	53,2	2.23	56,7	6 - 10	**G5302**	PST R-250-06	2.50	63,5	.56	14,2
2.23	56,7	2.33	59,3	10 - 14	**G5303**	PST R-250-10	2.50	63,5	.50	12,7
2.37	60,2	2.45	62,2	16 - 23	**G5304**	PST R-250-16	2.50	63,5	.56	14,2

Standard color black.

Material	LDPE
Temperature Range	-94°F (-70°C) to 150°F (66°C)

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HEYCO

Heyco® Ergonomic Plugs for Square Tubing

PSTE Series - Vinyl for Greater Flexibility

TUBE DIMENSIONS Inside Dimension Range Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	Typical Gauge	PART NO. Black	DESCRIPTION	PART DIMENSIONS A Outside Dimension in.	A mm.	B Depth in.	B mm.
.58	14,7	.68	17,3	14 - 20	**G5320**	PST E-75-14	.75	19,1	.43	10,9
.73	18,5	.83	21,1	10 - 14	**G5321**	PST E-100-10	1.00	25,4		
.83	21,1	.93	23,6	14 - 20	**G5322**	PST E-100-14				
1.08	27,4	1.18	30,0	14 - 20	**G5323**	PST E-125-14	1.25	31,8	.52	13,2
1.23	31,2	1.33	33,8	10 - 14	**G5324**	PST E-150-10	1.50	38,1		
1.33	33,8	1.43	36,3	14 - 20	**G5325**	PST E-150-14				
1.73	43,9	1.83	46,5	14 - 20	**G5326**	PST E-200-10	2.00	50,8		

Standard color black.

Heyco® Plugs for Rectangular Tubing

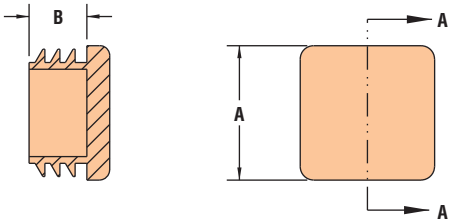
PZT Series - Ribbed Fit

TUBE DIMENSIONS Outside Dimensions A in.	A mm.	B in.	B mm.	Wall Thickness in.	Typical Gauge	PART NO. Black	DESCRIPTION	PLUG Depth C in.	C mm.
.50	12,7	1.00	25,4	.065 - .049	16 - 18	**G5330**	PZT 50-100-16	.43	10,9
		1.50	38,1	.083 - .035	14 - 20	**G5331**	PZT 50-150-14	.50	12,7
.63	15,9	1.12	28,6	.083 - .035	14 - 20	**G5332**	PZT 63-112-14	.43	10,9
		1.25	31,8	.083	14	**G5334**	PZT 63-125-14	.50	12,7
		1.38	34,9	.083 - .035	14 - 20	**G5335**	PZT 63-138-14	.43	10,9
.75	19,1	1.50	38,1	.083 - .035	14 - 20	**G5336**	PZT 75-150-14	.43	10,9
1.00	25,4	1.25	31,8	.083 - .035	14 - 20	**G5337**	PZT 100-125-14	.50	12,7
		1.50	38,1	.134 - .083	10 - 14	**G5338**	PZT 100-150-10		
				.083 - .035	14 - 20	**G5339**	PZT 100-150-14		
		2.00	50,8	.134 - .083	10 - 14	**G5340**	PZT 100-200-10		
				.083 - .035	14 - 20	**G5341**	PZT 100-200-14*		
				.065	16	**G5342**	PZT 100-200-16	.36	9,1
		2.50	63,5	.083 - .035	14 - 20	**G5343**	PZT 100-250-14	.45	11,4
				.065 - .049	16 - 18	**G5344**	PZT 100-250-16	.50	12,7
		3.00	76,2	.083 - .035	14 - 20	**G5345**	PZT 100-300-14	.51	13,0
1.50	38,1	2.00	50,8	.134 - .083	10 - 14	**G5346**	PZT 150-200-10	.50	12,7
		2.50	63,5	.109 - .065	12 - 16	**G5347**	PZT 150-250-12	.53	13,5
		3.00	76,2	.134 - .083	10 - 14	**G5348**	PZT 150-300-10	.50	12,7
		3.50	88,9	.134 - .083	10 - 14	**G5349**	PZT 150-350-10	.60	15,2
1.96	49,8	3.94	100,1	.203 - .109	6 - 12	**G5356**	PZT 196-394-06M	.65	16,5
2.00	50,8	2.50	63,5	.134 - .083	10 - 14	**G5351**	PZT 200-250-10	.52	13,2
		3.00	76,2	.203 - .165	6 - 8	**G5352**	PZT 200-300-06		
				.134 - .083	10 - 14	**G5353**	PZT 200-300-10		
				.083 - .035	14 - 20	**G5354**	PZT 200-300-14	.50	12,7
		4.00	101,6	.203 - .120	6 - 11	**G5355**	PZT 200-400-06	.94	23,9
				.134 - .083	10 - 14	**G5357**	PZT 200-400-10	.50	12,7
				.083 - .035	14 - 20	**G5358**	PZT 200-400-14		
		5.00	127,0	.165	8	**G5359**	PZT 200-500-08*	1.00	25,4
				.134	10	**G5360**	PZT 200-500-10*		

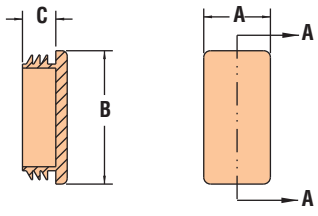
Standard color black.
*Smooth (ie, not ribbed) shank.

	PSTE		LDPE
Material	Vinyl	Material	LDPE
Temperature Range	26°F (-32°C) to 200°F (93°C)	Temperature Range	-94°F (-70°C) to 150°F (66°C)

- **Flexible, ribbed design** allows quick and easy fingertip installation.
- **Removable without the use of tools** (Traditional glides and tube plugs are designed to be permanent. Their rigid design makes removal very difficult).
- Injection molded for intricate detail and design, with **flexibility**.
- See page 6-48 for HEYCaps and Plugs for Round Tubing.
- Material: Vinyl. Vinyl **decreases mobility** or sliding on floors, helping to keep your application in place.



- Featuring the same external rib design of Heyco PSTR Series Plugs for Square Tubing, PZT Series Plugs for Rectangular Tubing are offered in a **broad selection of width-to-length proportions**, to fit many special tubing shapes found on stands for computer terminals, office machines, display fixtures, and similar metal furnishings and equipment.
- **Durable construction** ensures exceptional performance in business and commercial applications.



HEYCO

Heyco® Stock and Custom* Colors for Dome Plugs and Shorty Plugs

*CUSTOM Color parts MUST be color matched. For accurate matching, consult Heyco for sample molded nylon color chips.

For complete Dome Plug Part Dimensions and Specifications, see page 6-23.

For complete Shorty Plug Part Dimensions and Specifications, see page 6-25.

MOUNTING HOLE DIA.		PLUG TYPE	ROOT PART NO.	STOCK COLOR PART NUMBER SUFFIX									YOUR CUSTOM COLOR HERE
in.	mm.			FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx **
.218	5,5	Shorty	**1656**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.250	6,4	Dome	**2605**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.281	7,1	Shorty	**1662**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.312	7,9	Dome	**2615**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1680**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.343	8,7	Shorty	**1665**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.375	9,5	Dome	**2619**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1683**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.437	11,1	Dome	**2635**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1686**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.500	12,7	Dome	**2645**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1689**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.531	13,5	Shorty	**1674**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.562	14,3	Dome	**2655**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.625	15,9	Dome	**2665**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1692**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.687	17,4	Dome	**2675**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.750	19,1	Dome	**2685**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1695**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.812	20,6	Dome	**2695**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
.875	22,2	Dome	**2705**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1701**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.000	25,4	Dome	**2715**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
		Shorty	**1704**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.093-	27,8-	Dome	**2725**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.125	28,6	Shorty	**1707**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.187	30,1	Dome	**2735**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.250	31,7	Dome	**2742**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.375	34,9	Dome	**2755**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.500	38,1	Dome	**2765**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
1.750	44,5	Dome	**2775**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
2.000	50,8	Dome	**2785**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
2.5	63,5	Dome	**2792**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx
3.0	76,2	Dome	**2457**	FK	FL	FJ	EH	CS	DD	CF	DQ	FI	xx

**** xx indicates that, following the color match process, Heyco will add a two letter suffix to the Root Part Number shown. This suffix will identify your particular CUSTOM Color selection. Consult Heyco for molded nylon color chips for accurate matching.**

- **Heyco Stock and Custom Colors are Molded-in, not dyed, Colors.**
- Stock and Custom Color Minimum Order Quantities are usually higher than for Black and White parts.
- **STOCK** Color means the color concentrate pellets are in stock at Heyco.
- The Stock Colors shown are **approximate**. Consult Heyco for Stock Color molded nylon color chips.
- Stock Color lead times are typically 2-3 weeks from receipt of order.
- For Stock Color part numbers in other Plug styles, for example Glossy or Double D Plugs, please consult Heyco.
- **CUSTOM** Color parts MUST be color matched to your application. For accurate matching, consult Heyco for sample molded nylon color chips.
- Custom Color lead times are typically 4 weeks from receipt of order.
- **We offer Stock and Custom Colors in virtually all of our nylon molded products.**
- Heyco's Axcell Rapid Response Team is ready to customize your Plug in various sizes, shapes, materials, and colors. We can even mold your Company logo directly onto your Plug!

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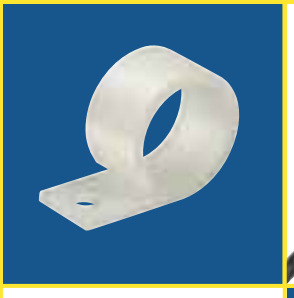
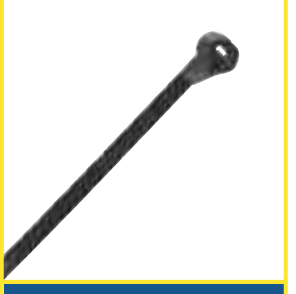
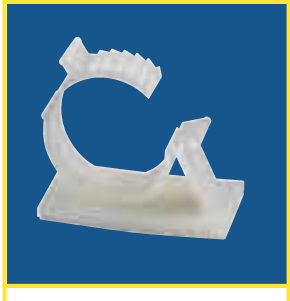
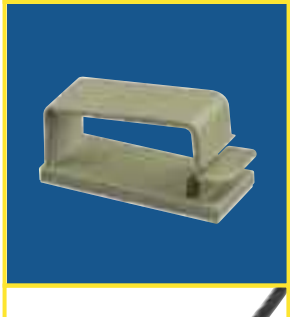
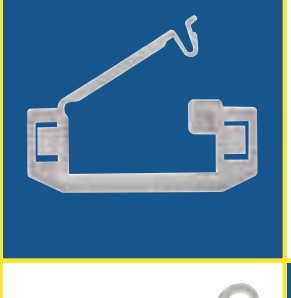
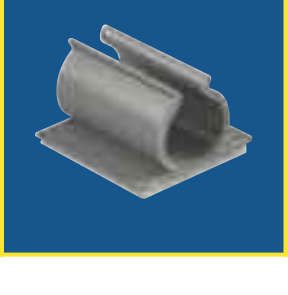
HEYware II featuring Heyco's all new PCB Supports Product Line







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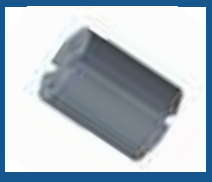

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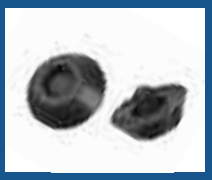

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Heyco® PCB Supports Selection Guide

Imperial Spacing Lengths

PCB Mounting Hole Diameter		CHASSIS Maximum Thickness		CHASSIS Mounting Hole Diameter		MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SERIES	PAGE
in.	mm.	in.	mm.	in.	mm.				
Flat Rest Mounts									
.000	0,0	.062	1,6	.098	2,5	flat rest mount	teardrop snap lock	HPS-TD	7-11
		.078	2,0	.125	3,2	flat rest mount	arrowhead snap lock	HMPS	7-11
				.187	4,8	flat rest mount	arrowhead snap lock	HPS	7-9
For PCB's up to .062˝ (1,6 mm) Thick									
.098	2,5	.039	1,0	.079	2,0	teardrop snap lock	teardrop snap lock	HSP-MDL-3	7-11
		.062	1,6	.098	2,5	teardrop snap lock	teardrop snap lock	HDLSPTH	7-4
				.098	2,5	cupped teardrop lock	cupped teardrop lock	HCDLCBST	7-9
				.125	3,2	bayonet snap lock 8,7	teardrop snap lock	HTLSP	7-7
.125	3,2	.062	1,6	.125	3,2	two prong snap lock	two prong snap lock	HMSPDLN	7-10
						two prong snap fit	two prong snap lock	HMCBP	7-10
						bayonet snap lock 8,7	two prong snap lock	HLSP11	7-7
		.078	2,0	.125	3,2	bayonet snap lock 8,7	arrowhead snap lock	HLSP9	7-7
.152	3,9	.062	1,6	.154	3,9	two prong snap lock	two prong snap lock	HMSPDL	7-10
						two prong snap fit	two prong snap lock	HCBP	7-10
.157	4,0	.055	1,4	.188	4,8	bayonet snap lock 10,2	arrowhead snap lock	HLSP8	7-6
		.062	1,6	.157	4,0	flanged two prong snap lock	flanged two prong snap lock	HMSPS	7-11
						two prong snap lock	two prong snap lock	HSP1	7-4
				.187	4,8	two prong snap lock	two prong snap lock	HSP3	7-4
		.078	2,0	.187	4,8	bayonet snap fit 10,2	arrowhead snap lock	HLSP4	7-5
						bayonet snap lock 10,2	arrowhead snap lock	HLSP1	7-5
						arrowhead snap lock	arrowhead snap lock	HLSP7	7-6
						bayonet snap fit 10,2	winged two prong snap lock	HLSP10	7-7
						bayonet snap lock 10,2	winged two prong snap lock	HLSP5	7-6
		.141	3,6	.187	4,8	bayonet snap lock 10,2	arrowhead snap lock	HLSP2	7-5
.187	4,8	.062	1,6	.187	4,8	two prong snap lock	two prong snap lock	HSP2	7-4
For PCB's up to .078˝ (2,0 mm) Thick									
.125	3,2	.078	2,0	.125	3,2	arrowhead snap lock	arrowhead snap lock	HDLSP4	7-8
.157	4,0	.078	2,0	.157	4,0	arrowhead snap lock	arrowhead snap lock	HDLSP5	7-8
				.187	4,8	arrowhead snap lock	arrowhead snap lock	HDLSP7	7-8
.187	4,8	.078	2,0	.187	4,8	arrowhead snap lock	arrowhead snap lock	HDLSP6	7-8
For PCB's up to .090˝ (2,3 mm) Thick									
.157	4,0	.078	2,0	.187	4,8	bayonet snap lock 10,9	arrowhead snap lock	HLSP3	7-5
		.141	3,6	.187	4,8	bayonet snap lock 10,9	arrowhead snap lock	HLSP6	7-6

Metric Spacing Lengths

PCB Mounting Hole Diameter		CHASSIS Maximum Thickness		CHASSIS Mounting Hole Diameter		MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SERIES	PAGE
in.	mm.	in.	mm.	in.	mm.				
For PCB's up to .062˝ (1,6 mm) Thick									
.098	2,5	.062	1,6	.098	2,5	teardrop snap lock	two prong snap lock	HSP-MDL-AH-1	7-13
							teardrop snap lock	HSP-MDL-1	7-12
		.141	3,6	.098	2,5	teardrop snap lock	teardrop snap lock	HSP-MDLS-1	7-12
.138	3,5	.062	1,6	.138	3,5	teardrop snap lock	teardrop snap lock	HSP-MDL-2	7-12
		.141	3,6	.138	3,5	teardrop snap lock	teardrop snap lock	HSP-MDLS-2	7-12
.157	4,0	.062	1,6	.157	4,0	wingless arrowhead	wingless arrowhead	HDLSP1	7-13
				.187	4,8	wingless arrowhead	wingless arrowhead	HDLSP3	7-13
.187	4,8	.062	1,6	.187	4,8	wingless arrowhead	wingless arrowhead	HDLSP2	7-13

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Heyco® PCB Supports Selection Guide

Reverse Locking Supports

PCB Mounting Hole Diameter in.	PCB Mounting Hole Diameter mm.	CHASSIS Maximum Thickness in.	CHASSIS Maximum Thickness mm.	CHASSIS Mounting Hole Diameter in.	CHASSIS Mounting Hole Diameter mm.	MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SPACING	SERIES	PAGE
Flat Rest Mounts										
.000	0,0	.062	1,6	.187	4,8	flat rest mount	reverse button lock	Imperial	**HLCBSC3**	**7-14**
				.213	5,4	flat rest mount	reverse button lock	Imperial	**HLCBSC11**	**7-16**
For PCB's up to .062˝ (1,6 mm) Thick										
.125	3,2	.062	1,6	.187	4,8	bayonet snap lock 8,7	reverse button lock	Imperial	**HLCBSC2**	**7-14**
						two prong snap lock	reverse button lock	Imperial	**HLCBSC8**	**7-15**
						bayonet snap fit 8,7	reverse button lock	Imperial	**HLCBSC9**	**7-15**
.157	4,0	.047	1,2	.236	6,0	bayonet snap lock 10,2	reverse button lock	Imperial	**HLCBSC4**	**7-14**
						bayonet snap fit 10,2	reverse button lock	Imperial	**HLCBSC13**	**7-16**
		.062	1,6	.213	5,4	arrowhead snap lock	reverse button lock	Imperial	**HCPS**	**7-16**
						arrowhead snap lock	reverse button lock	Metric	**HLCBSC**	**7-17**
									HLCBSC10	**7-17**
		.067	1,7	.213	5,4	bayonet snap lock 10,2	reverse button lock	Imperial	**HLCBSC6**	**7-15**
				.250	6,4	bayonet snap lock 10,2	reverse button lock	Imperial	**HLCBSC7**	**7-15**
		.078	2,0	.213	5,4	bayonet snap lock 10,2	reverse button lock	Imperial	**HLCBSC5**	**7-14**
						arrowhead snap lock	reverse button lock	Imperial	**HLCBS12-2**	**7-16**

Blind, Key Slot, and Rivet Mount Supports

PCB Mounting Hole Diameter in.	PCB Mounting Hole Diameter mm.	CHASSIS Maximum Thickness* in.	CHASSIS Maximum Thickness* mm.	CHASSIS Mounting Hole Diameter in.	CHASSIS Mounting Hole Diameter mm.	MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SPACING	SERIES	PAGE
Blind Mount, for PCB's up to .062˝ (1,6 mm) Thick										
.157	4,0	.250	6,4	.250	6,4	bayonet snap lock 10,2	blind fir tree	Imperial	**HBS4**	**7-18**
						bayonet snap fit 10,2	blind fir tree	Imperial	**HBS5**	**7-19**
				.312	7,9	bayonet snap lock 10,2	blind fir tree	Imperial	**HBS**	**7-18**
						bayonet snap fit 10,2	blind fir tree	Imperial	**HBS2**	**7-18**
Blind Mount, for PCB's up to .078˝ (2,0 mm) Thick										
.157	4,0	.250	6,4	.250	6,4	arrowhead snap lock	blind fir tree	Imperial	**HBS6**	**7-19**
				.312	7,9	arrowhead snap lock	blind fir tree	Imperial	**HBS3**	**7-18**
Key Slot and Rivet Mount - for PCB's up to .062˝ (1,6 mm) Thick										
.157	4,0	.062	1,6	.157	4,0	bayonet snap lock 10,2	key slot	Imperial	**HKSLBN**	**7-19**
		varies †		.165	4,2	bayonet snap lock 10,2	rivet	Imperial	**HRLSP**	**7-19**

*Minimum thickness for Blind Mount †For Panel Thicknesses see Rivet Table on page 19.

Self-Retaining Spacers

PCB Mounting Hole Diameter in.	PCB Mounting Hole Diameter mm.	CHASSIS Maximum Thickness in.	CHASSIS Maximum Thickness mm.	CHASSIS Mounting Hole Diameter in.	CHASSIS Mounting Hole Diameter mm.	MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SPACING	SERIES	PAGE
For PCB's up to .062˝ (1,6 mm) Thick										
.185	4,7	varies ††		#4	M3	two prong snap lock	self-tap screw	Imperial	**HSSRS4** †	**7-20**
						two prong snap lock	self-tap screw	Imperial	**HSRS4**	**7-21**
.232	5,9	varies ††		#6	M3	two prong snap lock	self-tap screw	Imperial	**HSSRS6** †	**7-20**
						two prong snap lock	self-tap screw	Imperial	**HSRS6**	**7-21**
				#8	M4	two prong snap lock	self-tap screw	Imperial	**HSSRS8** †	**7-20**
						two prong snap lock	self-tap screw	Imperial	**HSRS8**	**7-21**

†Stackable ††Thread Depth varies with length of part.

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Heyco® PCB Supports Selection Guide

Screw and Lock Supports

PCB Mounting Hole Diameter in.	PCB Mounting Hole Diameter mm.	PART DATA Thread Depth in.	Thread Depth mm.	Mounting Screw in.	Mounting Screw mm.	MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SPACING	SERIES	PAGE
For PCB's up to .062˝ (1,6 mm) Thick										
.157	4,0	.312	7,9	#6		bayonet snap lock 10,2	self-tap screw	Imperial	**HHCBS**	**7-22**
		varies †			M4	bayonet snap lock 10,2	female thread	Imperial	**HLCBS-TF**	**7-22**
PCB Thickness Varies										
.157	4,0	varies †			M3	bayonet snap lock 9,5	female thread	Metric	**HTCBS-M3-6**	**7-22**
									HTCBS-M3-8	**7-22**
					M4	bayonet snap lock 9,5	female thread	Metric	**HTCBS-M4-8**	**7-22**

†Thread Depth varies with length of part.

Threaded Male Supports

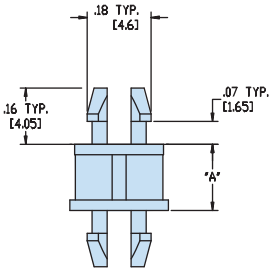
PCB Mounting Hole Diameter in.	PCB Mounting Hole Diameter mm.	CHASSIS Part Thread Length in.	Part Thread Length mm.	Mounting Hole Diameter in.	Mounting Hole Diameter mm.	MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SPACING	SERIES	PAGE
For PCB's up to .062˝ (1,6 mm) Thick										
.125	3,2	.250	6,4		M3	bayonet snap lock 8,7	male thread	Imperial	**HSCBS3**	**7-23**
					M4	bayonet snap lock 8,7	male thread	Imperial	**HSCBS4**	**7-23**
				6-32		bayonet snap lock 8,7	male thread	Imperial	**HSCBS5**	**7-23**
.152	3,9	.236	6,0		M3	two prong snap fit	male thread	Imperial	**HSCBS1-M3**	**7-25**
					M4	two prong snap fit	male thread	Imperial	**HSCBS1-M4**	**7-25**
				6-32		two prong snap fit	male thread	Imperial	**HSCBS1-632**	**7-25**
.157	4,0	.250	6,4		M4	bayonet snap lock 10,2	male thread	Imperial	**HSCBS**	**7-24**
				8-32		bayonet snap lock 10,2	male thread	Imperial	**HSCBS8**	**7-24**
		.300	7,6		M4	bayonet snap lock 10,2	male thread	Imperial	**HSCBS7**	**7-24**
				6-32		bayonet snap lock 10,2	male thread	Imperial	**HSCBS6**	**7-24**
6-32		.300	7,6	6-32		double threaded male - .30˝ (7,6 mm) thread length		Imperial	**HCBS-TMM**	**7-25**

Adhesive-Back Mount and Edge Holding Supports

PCB Mounting Hole Diameter in.	PCB Mounting Hole Diameter mm.	CHASSIS Maximum Thickness in.	Maximum Thickness mm.	Mounting Hole Diameter in.	Mounting Hole Diameter mm.	MOUNTING STYLES PCB End	MOUNTING STYLES Chassis End	SPACING	SERIES	PAGE
Adhesive-Back Mount										
.000	0,0	.00	0,0	.00	0,0	flat rest mount	adhesive-back	Metric	**HPSB**	**7-27**
.098	2,5	.00	0,0	.00	0,0	teardrop snap lock	adhesive-back	Imperial	**HCBS4**	**7-26**
.125	3,2	.00	0,0	.00	0,0	bayonet snap lock 8,7	adhesive-back	Imperial	**HCBS3**	**7-26**
.157	4,0	.00	0,0	.00	0,0	bayonet snap lock 10,2	adhesive-back	Imperial	**HCBS**	**7-26**
								Metric	**HCBS-Metric**	**7-27**
						bayonet snap fit 10,2	adhesive-back	Imperial	**HCBS2**	**7-26**
Edge Holding-For PCB's .062˝ (1,6 mm) thick										
.157	4,0	.062	1,6	#6		edge snap lock	self-tap screw	Imperial	**HTEHCBS**	**7-27**
		.078	2,0	.187	4,8	edge snap lock	arrowhead snap lock	Imperial	**HEHCBS**	*

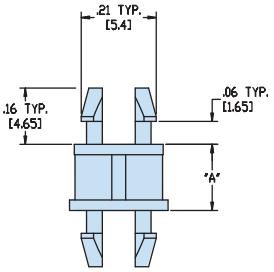
* Consult Heyco for HEHCBS Series.

Heyco® Nylon PCB Supports - Imperial Spacing



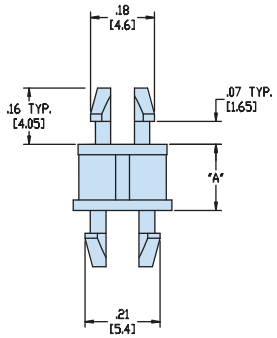
TWO PRONG SNAP LOCK / TWO PRONG SNAP LOCK

HSP1



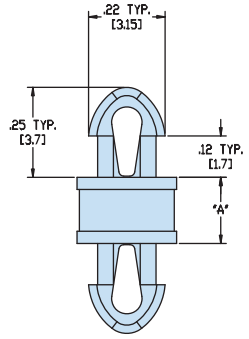
TWO PRONG SNAP LOCK / TWO PRONG SNAP LOCK

HSP2



TWO PRONG SNAP LOCK / TWO PRONG SNAP LOCK

HSP3



TEARDROP SNAP LOCK / TEARDROP SNAP LOCK

HDLSPTH

	HSP1				HSP2				HSP3				HDLSPTH			
	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.187	4,8	.062	1,6	.157	4,0	.062	1,6	.098	2,5
Chassis	.062	1,6	.157	4,0	.062	1,6	.187	4,8	.062	1,6	.187	4,8	.062	1,6	.098	2,5

A		HSP1		HSP2		HSP3		HDLSPTH	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.063	1,6							**10036**	HDLSPTH-01
.125	3,2							**10037**	HDLSPTH-02
.187	4,8	**10000**	HSP1-03	**10012**	HSP2-03	**10024**	HSP3-03	**10038**	HDLSPTH-03
.250	6,4	**10001**	HSP1-04	**10013**	HSP2-04	**10025**	HSP3-04	**10039**	HDLSPTH-04
.312	7,9	**10002**	HSP1-05	**10014**	HSP2-05	**10026**	HSP3-05	**10040**	HDLSPTH-05
.375	9,5	**10003**	HSP1-06	**10015**	HSP2-06	**10027**	HSP3-06	**10041**	HDLSPTH-06
.437	11,1	**10004**	HSP1-07	**10016**	HSP2-07	**10028**	HSP3-07	**10042**	HDLSPTH-07
.500	12,7	**10005**	HSP1-08	**10017**	HSP2-08	**10029**	HSP3-08	**10043**	HDLSPTH-08
.562	14,3	**10006**	HSP1-09	**10018**	HSP2-09	**10030**	HSP3-09	**10044**	HDLSPTH-09
.625	15,9	**10007**	HSP1-10	**10019**	HSP2-10	**10031**	HSP3-10	**10045**	HDLSPTH-10
.750	19,1	**10008**	HSP1-12	**10020**	HSP2-12	**10032**	HSP3-12		
.875	22,2	**10009**	HSP1-14	**10021**	HSP2-14	**10033**	HSP3-14	**10046**	HDLSPTH-14
1.000	25,4	**10010**	HSP1-16	**10022**	HSP2-16	**10034**	HSP3-16		

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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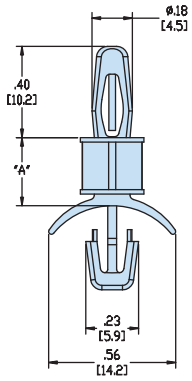
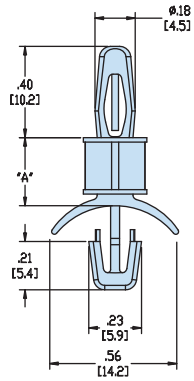
Heyco® Nylon PCB Supports - Imperial Spacing



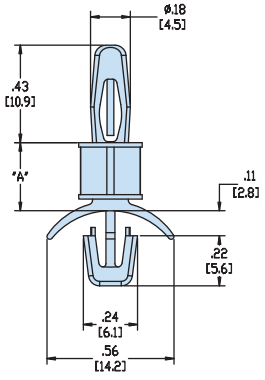
BAYONET SNAP LOCK 10,2 / ARROWHEAD SNAP LOCK

HLSP1



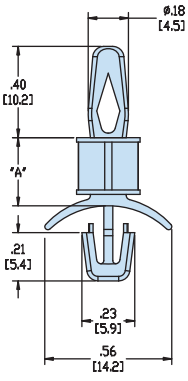
BAYONET SNAP LOCK 10,2 / ARROWHEAD SNAP LOCK

HLSP2



BAYONET SNAP LOCK 10,9 / ARROWHEAD SNAP LOCK

HLSP3



BAYONET SNAP FIT 10,2 / ARROWHEAD SNAP LOCK

HLSP4

	HLSP1				HLSP2				HLSP3				HLSP4			
	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.157	4,0	.090	2,3	.157	4,0	.062	1,6	.157	4,0
Chassis	.078	2,0	.187	4,8	.141	3,6	.187	4,8	.078	2,0	.187	4,8	.078	2,0	.187	4,8

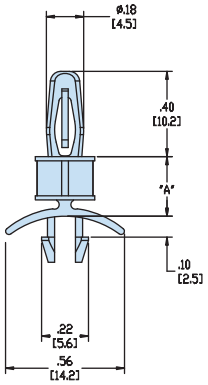
A		HLSP1		HLSP2		HLSP3		HLSP4	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural*	DESCRIPTION
.187	4,8	**10048**	HLSP1-03	**10062**	HLSP2-03	**10076**	HLSP3-03	**10090**	HLSP4-03
.250	6,4	**10049**	HLSP1-04	**10063**	HLSP2-04	**10077**	HLSP3-04	**10091**	HLSP4-04
.312	7,9	**10050**	HLSP1-05	**10064**	HLSP2-05	**10078**	HLSP3-05	**10092**	HLSP4-05
.375	9,5	**10051**	HLSP1-06	**10065**	HLSP2-06	**10079**	HLSP3-06	**10093**	HLSP4-06
.437	11,1	**10052**	HLSP1-07	**10066**	HLSP2-07	**10080**	HLSP3-07	**10094**	HLSP4-07
.500	12,7	**10053**	HLSP1-08	**10067**	HLSP2-08	**10081**	HLSP3-08	**10095**	HLSP4-08
.625	15,9	**10054**	HLSP1-10	**10068**	HLSP2-10	**10082**	HLSP3-10	**10096**	HLSP4-10
.750	19,1	**10055**	HLSP1-12	**10069**	HLSP2-12	**10083**	HLSP3-12	**10097**	HLSP4-12
.875	22,2	**10056**	HLSP1-14	**10070**	HLSP2-14	**10084**	HLSP3-14	**10098**	HLSP4-14
1.000	25,4	**10057**	HLSP1-16	**10071**	HLSP2-16	**10085**	HLSP3-16	**10099**	HLSP4-16
1.125	28,6	**10058**	HLSP1-18	**10072**	HLSP2-18	**10086**	HLSP3-18	**10100**	HLSP4-18
1.250	31,8	**10059**	HLSP1-20	**10073**	HLSP2-20	**10087**	HLSP3-20	**10101**	HLSP4-20
1.375	34,9	**10060**	HLSP1-22	**10074**	HLSP2-22	**10088**	HLSP3-22	**10102**	HLSP4-22

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.
*Consult Heyco for HLSP4 in V-0 material.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

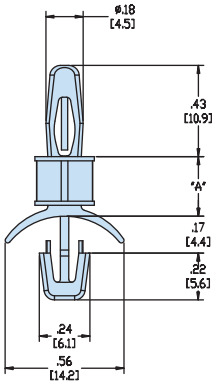
Quick Specs

Heyco® Nylon PCB Supports - Imperial Spacing



BAYONET SNAP LOCK 10,2 / WINGED TWO PRONG SNAP LOCK

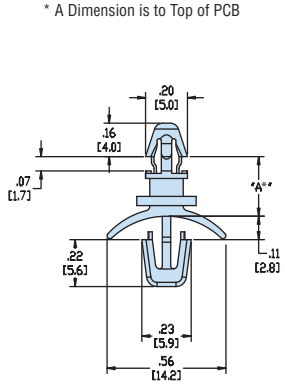
HLSP5



BAYONET SNAP LOCK 10,9 / ARROWHEAD SNAP LOCK

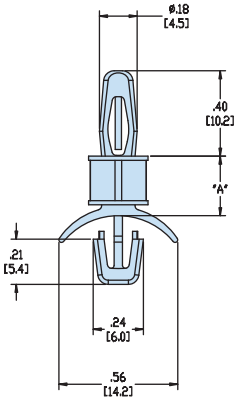
HLSP6

* A Dimension is to Top of PCB



ARROWHEAD SNAP LOCK / ARROWHEAD SNAP LOCK

HLSP7



BAYONET SNAP LOCK 10,2 / ARROWHEAD SNAP LOCK

HLSP8

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.090	2,3	.157	4,0	.062	1,6	.157	4,0	.062	1,6	.157	4,0
Chassis	.078	2,0	.187	4,8	.141	3,6	.187	4,8	.078	2,0	.187	4,8	.055	1,4	.187	4,8

A in.	A mm.	PART NO. Natural*	DESCRIPTION	PART NO. Natural*	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.187	4,8	**10104**	HLSP5-03	**10118**	HLSP6-03	**10132**	HLSP7-03	**10146**	HLSP8-03
.250	6,4	**10105**	HLSP5-04	**10119**	HLSP6-04	**10133**	HLSP7-04	**10147**	HLSP8-04
.312	7,9	**10106**	HLSP5-05	**10120**	HLSP6-05	**10134**	HLSP7-05	**10148**	HLSP8-05
.375	9,5	**10107**	HLSP5-06	**10121**	HLSP6-06	**10135**	HLSP7-06	**10149**	HLSP8-06
.437	11,1	**10108**	HLSP5-07	**10122**	HLSP6-07	**10136**	HLSP7-07	**10150**	HLSP8-07
.500	12,7	**10109**	HLSP5-08	**10123**	HLSP6-08	**10137**	HLSP7-08	**10151**	HLSP8-08
.625	15,9	**10110**	HLSP5-10	**10124**	HLSP6-10	**10138**	HLSP7-10	**10152**	HLSP8-10
.750	19,1	**10111**	HLSP5-12	**10125**	HLSP6-12	**10139**	HLSP7-12	**10153**	HLSP8-12
.875	22,2	**10112**	HLSP5-14	**10126**	HLSP6-14	**10140**	HLSP7-14	**10154**	HLSP8-14
1.000	25,4	**10113**	HLSP5-16	**10127**	HLSP6-16	**10141**	HLSP7-16	**10155**	HLSP8-16
1.125	28,6	**10114**	HLSP5-18	**10128**	HLSP6-18	**10142**	HLSP7-18	**10156**	HLSP8-18
1.250	31,8	**10115**	HLSP5-20	**10129**	HLSP6-20	**10143**	HLSP7-20	**10157**	HLSP8-20
1.375	34,9	**10116**	HLSP5-22	**10130**	HLSP6-22	**10144**	HLSP7-22	**10158**	HLSP8-22

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.
*Consult Heyco for HLSP5 & HLSP6 in V-0 material.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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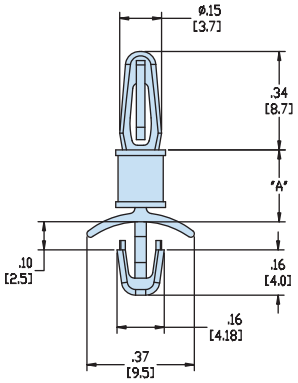
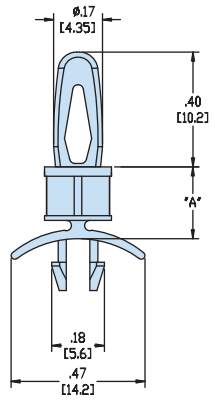
Heyco® Nylon PCB Supports - Imperial Spacing



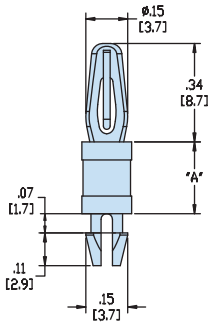
BAYONET SNAP LOCK 8,7 / ARROWHEAD SNAP LOCK

HLSP9



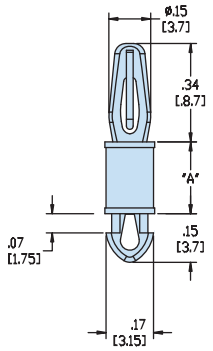
BAYONET SNAP FIT 10,2 / WINGED TWO PRONG SNAP LOCK

HLSP10



BAYONET SNAP LOCK 8,7 / TWO PRONG SNAP LOCK

HLSP11



BAYONET SNAP LOCK 8,7 / TEARDROP SNAP LOCK

HTLSP

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.125	3,2	.062	1,6	.157	4,0	.062	1,6	.125	3,2	.062	1,6	.098	2,5
Chassis	.078	2,0	.125	3,2	.078	2,0	.187	4,8	.062	1,6	.125	3,2	.062	1,6	.125	3,2

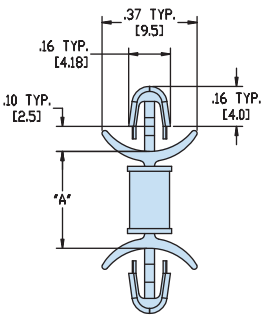
A		HLSP9		HLSP10		HLSP11		HTLSP	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.125	3,2	**10160**	HLSP9-02			**10178**	HLSP11-02	**10190**	HTLSP-02
.187	4,8	**10161**	HLSP9-03	**10170**	HLSP10-03	**10179**	HLSP11-03	**10191**	HTLSP-03
.250	6,4	**10162**	HLSP9-04	**10171**	HLSP10-04	**10180**	HLSP11-04	**10192**	HTLSP-04
.312	7,9	**10163**	HLSP9-05			**10181**	HLSP11-05	**10193**	HTLSP-05
.375	9,5	**10164**	HLSP9-06	**10172**	HLSP10-06	**10182**	HLSP11-06	**10194**	HTLSP-06
.437	11,1	**10165**	HLSP9-07			**10183**	HLSP11-07	**10195**	HTLSP-07
.500	12,7	**10166**	HLSP9-08	**10173**	HLSP10-08	**10184**	HLSP11-08	**10196**	HTLSP-08
.562	14,3	**10167**	HLSP9-09			**10185**	HLSP11-09		
.625	15,9	**10168**	HLSP9-10	**10174**	HLSP10-10	**10186**	HLSP11-10	**10197**	HTLSP-10
.750	19,1			**10175**	HLSP10-12	**10187**	HLSP11-12		
.875	22,2			**10176**	HLSP10-14	**10188**	HLSP11-14		

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

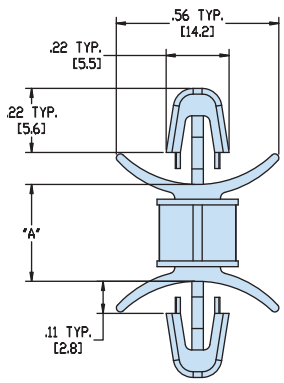
Quick Specs

Heyco® Nylon PCB Supports - Imperial Spacing



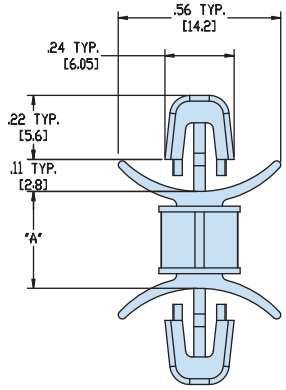
ARROWHEAD SNAP LOCK / ARROWHEAD SNAP LOCK

HDLSP4



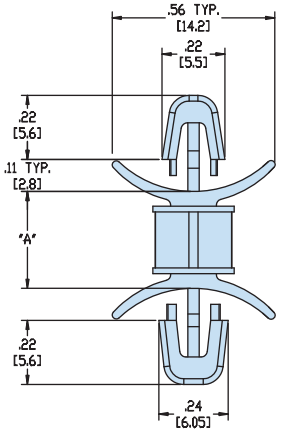
ARROWHEAD SNAP LOCK / ARROWHEAD SNAP LOCK

HDLSP5



ARROWHEAD SNAP LOCK / ARROWHEAD SNAP LOCK

HDLSP6



ARROWHEAD SNAP LOCK / ARROWHEAD SNAP LOCK

HDLSP7

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.078	2,0	.125	3,2	.078	2,0	.157	4,0	.078	2,0	.187	4,8	.078	2,0	.157	4,0
Chassis	.078	2,0	.125	3,2	.078	2,0	.157	4,0	.078	2,0	.187	4,8	.078	2,0	.187	4,8

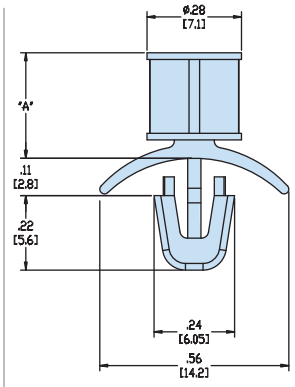
A		HDLSP4		HDLSP5		HDLSP6		HDLSP7	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.187	4,8	**10199**	HDLSP4-03	**10209**	HDLSP5-03	**10217**	HDLSP6-03	**10225**	HDLSP7-03
.250	6,4	**10200**	HDLSP4-04	**10210**	HDLSP5-04	**10218**	HDLSP6-04	**10226**	HDLSP7-04
.312	7,9	**10201**	HDLSP4-05						
.375	9,5	**10202**	HDLSP4-06	**10211**	HDLSP5-06	**10219**	HDLSP6-06	**10227**	HDLSP7-06
.437	11,1	**10203**	HDLSP4-07						
.500	12,7	**10204**	HDLSP4-08	**10212**	HDLSP5-08	**10220**	HDLSP6-08	**10228**	HDLSP7-08
.562	14,3	**10205**	HDLSP4-09						
.625	15,9	**10206**	HDLSP4-10	**10213**	HDLSP5-10	**10221**	HDLSP6-10	**10229**	HDLSP7-10
.750	19,1			**10214**	HDLSP5-12	**10222**	HDLSP6-12	**10230**	HDLSP7-12
.875	22,2	**10207**	HDLSP4-14	**10215**	HDLSP5-14	**10223**	HDLSP6-14	**10231**	HDLSP7-14

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Quick Specs

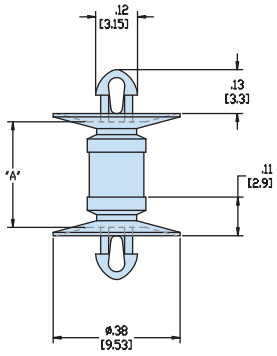
Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

Heyco® Nylon PCB Supports - Imperial Spacing



FLAT TOP REST MOUNT / ARROWHEAD LOCK

HPS



CUPPED TEARDROP / CUPPED TEARDROP

HCDLCBST

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	flat top rest mount				.062	1,6	.098	2,5
Chassis	.078	2,0	.187	4,8	.062	1,6	.098	2,5

A		PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
in.	mm.	Natural		Natural*	
.187	4,8	**10233**	HPS-03	**10836**	HCDLCBST-03
.250	6,4	**10234**	HPS-04	**10837**	HCDLCBST-04
.312	7,9	**10235**	HPS-05	**10838**	HCDLCBST-05
.375	9,5	**10236**	HPS-06	**10839**	HCDLCBST-06
.437	11,1	**10237**	HPS-07	**10840**	HCDLCBST-07
.500	12,7	**10238**	HPS-08	**10841**	HCDLCBST-08
.562	14,3			**10842**	HCDLCBST-09
.625	15,9	**10239**	HPS-10	**10843**	HCDLCBST-10
.750	19,1	**10240**	HPS-12		
.875	22,2	**10241**	HPS-14		

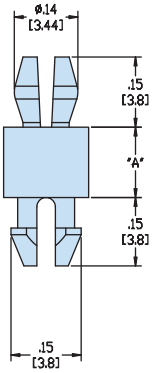
Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

*Consult Heyco for HCDLCBST in V-0 material.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

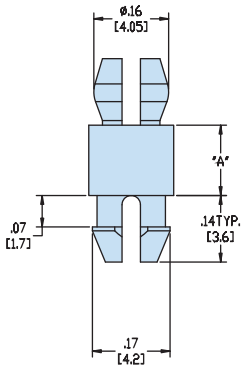
Quick Specs

Heyco® Nylon PCB Supports - Imperial Spacing



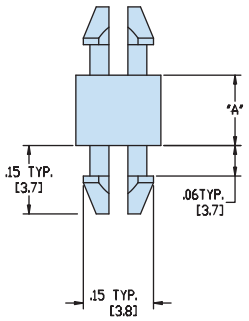
TWO PRONG SNAP FIT / TWO PRONG SNAP LOCK

HMCBP



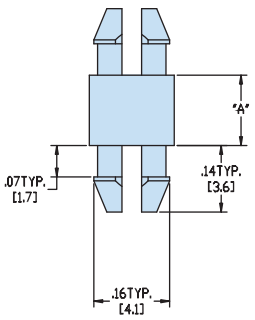
TWO PRONG SNAP FIT / TWO PRONG SNAP LOCK

HCBP



TWO PRONG SNAP LOCK / TWO PRONG SNAP LOCK

HMSPDLN



TWO PRONG SNAP LOCK / TWO PRONG SNAP LOCK

HMSPDL

	HMCBP				HCBP				HMSPDLN				HMSPDL			
	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.125	3,2	.062	1,6	.153	3,9	.062	1,6	.125	3,2	.062	1,6	.153	3,9
Chassis	.062	1,6	.125	3,2	.062	1,6	.153	3,9	.062	1,6	.125	3,2	.062	1,6	.153	3,9

A		HMCBP		HCBP		HMSPDLN		HMSPDL	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.063	1,6	**10243**	HMCBP-01						
.125	3,2	**10244**	HMCBP-02	**10263**	HCBP-02	**10282**	HMSPDLN-02	**10301**	HMSPDL-02
.187	4,8	**10245**	HMCBP-03	**10264**	HCBP-03	**10283**	HMSPDLN-03	**10302**	HMSPDL-03
.250	6,4	**10246**	HMCBP-04	**10265**	HCBP-04	**10284**	HMSPDLN-04	**10303**	HMSPDL-04
.312	7,9	**10247**	HMCBP-05	**10266**	HCBP-05	**10285**	HMSPDLN-05	**10304**	HMSPDL-05
.375	9,5	**10248**	HMCBP-06	**10267**	HCBP-06	**10286**	HMSPDLN-06	**10305**	HMSPDL-06
.437	11,1	**10249**	HMCBP-07	**10268**	HCBP-07	**10287**	HMSPDLN-07	**10306**	HMSPDL-07
.500	12,7	**10250**	HMCBP-08	**10269**	HCBP-08	**10288**	HMSPDLN-08	**10307**	HMSPDL-08
.562	14,3	**10251**	HMCBP-09	**10270**	HCBP-09	**10289**	HMSPDLN-09	**10308**	HMSPDL-09
.625	15,9	**10252**	HMCBP-10	**10271**	HCBP-10	**10290**	HMSPDLN-10	**10309**	HMSPDL-10
.689	17,5	**10253**	HMCBP-11	**10272**	HCBP-11	**10291**	HMSPDLN-11	**10310**	HMSPDL-11
.750	19,1	**10254**	HMCBP-12	**10273**	HCBP-12	**10292**	HMSPDLN-12	**10311**	HMSPDL-12
.811	20,6	**10255**	HMCBP-13	**10274**	HCBP-13	**10293**	HMSPDLN-13	**10312**	HMSPDL-13
.875	22,2	**10256**	HMCBP-14	**10275**	HCBP-14	**10294**	HMSPDLN-14	**10313**	HMSPDL-14
1.000	25,4	**10257**	HMCBP-16	**10276**	HCBP-16	**10295**	HMSPDLN-16	**10314**	HMSPDL-16
1.125	28,6	**10258**	HMCBP-18	**10277**	HCBP-18	**10296**	HMSPDLN-18	**10315**	HMSPDL-18
1.250	31,8	**10259**	HMCBP-20	**10278**	HCBP-20	**10297**	HMSPDLN-20	**10316**	HMSPDL-20
1.375	34,9	**10260**	HMCBP-22	**10279**	HCBP-22	**10298**	HMSPDLN-22	**10317**	HMSPDL-22
1.500	38,1	**10261**	HMCBP-24	**10280**	HCBP-24	**10299**	HMSPDLN-24	**10318**	HMSPDL-24

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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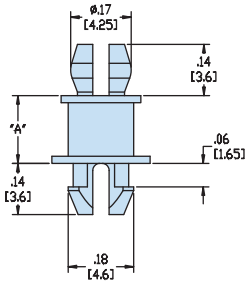
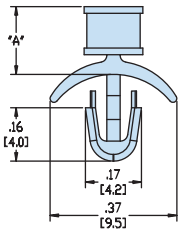
Heyco® Nylon PCB Supports - Imperial Spacing



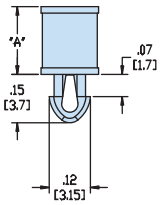
FLANGED TWO PRONG SNAP FIT / FLANGED TWO PRONG SNAP LOCK

HMSPS



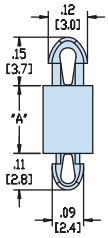
FLAT TOP REST MOUNT / ARROWHEAD LOCK

HMPS



FLAT TOP REST MOUNT / TEARDROP SNAP LOCK

HPS-TD



TEARDROP SNAP LOCK / TEARDROP SNAP LOCK

HSP-MDL-3

	HMSPS				HMPS				HPS-TD				HSP-MDL-3			
	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	flat top rest mount				flat top rest mount				.062	1,6	.098	2,5
Chassis	.062	1,6	.157	4,0	.078	2,0	.125	3,2	.062	1,6	.098	2,5	.039	1,0	.078	2,0

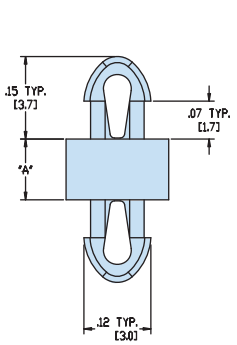
A		HMSPS		HMPS		HPS-TD		HSP-MDL-3	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.063	1,6					**10341**	HPS-TD-01	**10352**	HSP-MDL-3-01
.125	3,2			**10331**	HMPS-02	**10342**	HPS-TD-02	**10353**	HSP-MDL-3-02
.187	4,8	**10320**	HMSPS-03	**10332**	HMPS-03	**10343**	HPS-TD-03	**10354**	HSP-MDL-3-03
.250	6,4	**10321**	HMSPS-04	**10333**	HMPS-04	**10344**	HPS-TD-04	**10355**	HSP-MDL-3-04
.312	7,9	**10322**	HMSPS-05	**10334**	HMPS-05	**10345**	HPS-TD-05	**10356**	HSP-MDL-3-05
.375	9,5	**10323**	HMSPS-06	**10335**	HMPS-06	**10346**	HPS-TD-06	**10357**	HSP-MDL-3-06
.437	11,1	**10324**	HMSPS-07	**10336**	HMPS-07	**10347**	HPS-TD-07		
.500	12,7	**10325**	HMSPS-08	**10337**	HMPS-08	**10348**	HPS-TD-08		
.562	14,3			**10338**	HMPS-09	**10349**	HPS-TD-09		
.625	15,9	**10326**	HMSPS-10	**10339**	HMPS-10	**10350**	HPS-TD-10		
.689	17,5	**10327**	HMSPS-11						
.750	19,1	**10328**	HMSPS-12						
.875	22,2	**10329**	HMSPS-14						

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

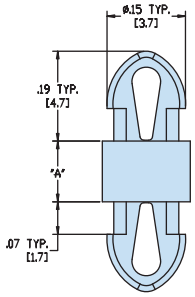
Quick Specs

Heyco® Nylon PCB Supports - Metric Spacing



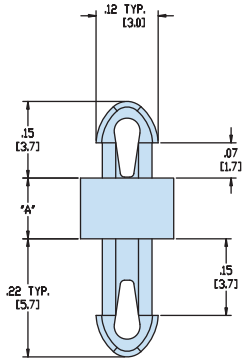
TEARDROP SNAP LOCK / TEARDROP SNAP LOCK

HSP-MDL-1



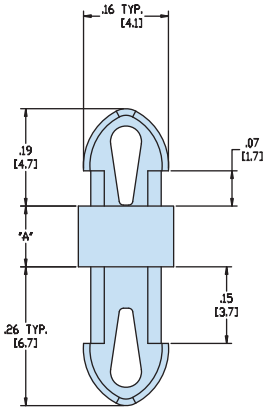
TEARDROP SNAP LOCK / TEARDROP SNAP LOCK

HSP-MDL-2



TEARDROP SNAP LOCK / TEARDROP SNAP LOCK

HSP-MDLS-1



TEARDROP SNAP LOCK / TEARDROP SNAP LOCK

HSP-MDLS-2

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.098	2,5	.062	1,6	.137	3,5	.062	1,6	.098	2,5	.062	1,6	.137	3,5
Chassis	.062	1,6	.098	2,5	.062	1,6	.137	3,5	.141	3,6	.098	2,5	.141	3,6	.137	3,5

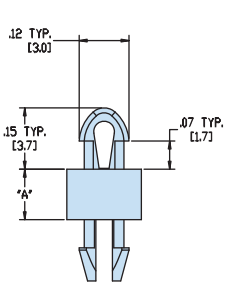
A mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
2,0	**10444**	HSP-MDL-1-02M	**10461**	HSP-MDL-2-02M	**10478**	HSP-MDLS-1-02M	**10493**	HSP-MDLS-2-02M
3,0	**10445**	HSP-MDL-1-03M	**10462**	HSP-MDL-2-03M	**10479**	HSP-MDLS-1-03M	**10494**	HSP-MDLS-2-03M
4,0	**10446**	HSP-MDL-1-04M	**10463**	HSP-MDL-2-04M	**10480**	HSP-MDLS-1-04M	**10495**	HSP-MDLS-2-04M
5,0	**10447**	HSP-MDL-1-05M	**10464**	HSP-MDL-2-05M	**10481**	HSP-MDLS-1-05M	**10496**	HSP-MDLS-2-05M
6,0	**10448**	HSP-MDL-1-06M	**10465**	HSP-MDL-2-06M	**10482**	HSP-MDLS-1-06M	**10497**	HSP-MDLS-2-06M
7,0	**10449**	HSP-MDL-1-07M	**10466**	HSP-MDL-2-07M	**10483**	HSP-MDLS-1-07M	**10498**	HSP-MDLS-2-07M
8,0	**10450**	HSP-MDL-1-08M	**10467**	HSP-MDL-2-08M	**10484**	HSP-MDLS-1-08M	**10499**	HSP-MDLS-2-08M
9,0	**10451**	HSP-MDL-1-09M	**10468**	HSP-MDL-2-09M				
10,0	**10452**	HSP-MDL-1-10M	**10469**	HSP-MDL-2-10M	**10485**	HSP-MDLS-1-10M	**10500**	HSP-MDLS-2-10M
12,0	**10453**	HSP-MDL-1-12M	**10470**	HSP-MDL-2-12M	**10486**	HSP-MDLS-1-12M	**10501**	HSP-MDLS-2-12M
14,0	**10454**	HSP-MDL-1-14M	**10471**	HSP-MDL-2-14M	**10487**	HSP-MDLS-1-14M	**10502**	HSP-MDLS-2-14M
16,0	**10455**	HSP-MDL-1-16M	**10472**	HSP-MDL-2-16M	**10488**	HSP-MDLS-1-16M	**10503**	HSP-MDLS-2-16M
18,0	**10456**	HSP-MDL-1-18M	**10473**	HSP-MDL-2-18M	**10489**	HSP-MDLS-1-18M	**10504**	HSP-MDLS-2-18M
20,0	**10457**	HSP-MDL-1-20M	**10474**	HSP-MDL-2-20M	**10490**	HSP-MDLS-1-20M	**10505**	HSP-MDLS-2-20M
22,0	**10458**	HSP-MDL-1-22M	**10475**	HSP-MDL-2-22M	**10491**	HSP-MDLS-1-22M	**10506**	HSP-MDLS-2-22M
26,5	**10459**	HSP-MDL-1-26.5M	**10476**	HSP-MDL-2-26.5M				

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Quick Specs

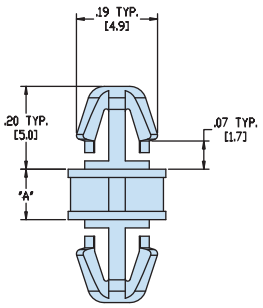
Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

Heyco® Nylon PCB Supports - Metric Spacing



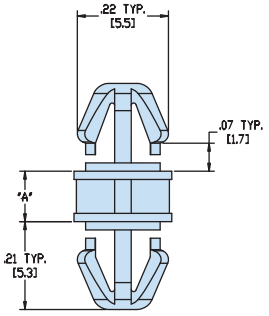
TEARDROP SNAP LOCK / TWO PRONG SNAP LOCK

HSP-MDL-AH-1



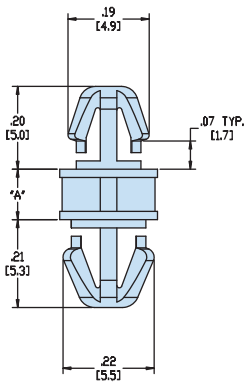
WINGLESS ARROWHEAD LOCK / WINGLESS ARROWHEAD LOCK

HDLSP1



WINGLESS ARROWHEAD LOCK / WINGLESS ARROWHEAD LOCK

HDLSP2



WINGLESS ARROWHEAD LOCK / WINGLESS ARROWHEAD LOCK

HDLSP3

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.098	2,5	.062	1,6	.157	4,0	.062	1,6	.187	4,8	.062	1,6	.157	4,0
Chassis	.062	1,6	.098	2,5	.062	1,6	.157	4,0	.062	1,6	.187	4,8	.062	1,6	.187	4,8

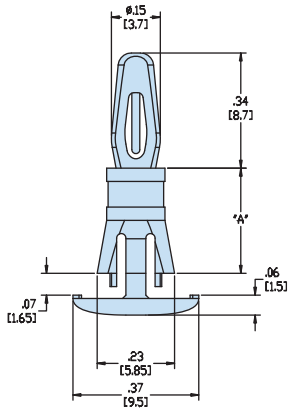
A mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
2,0	**10508**	HSP-MDL-AH-1-02M						
3,0	**10509**	HSP-MDL-AH-1-03M	**10523**	HDLSP1-03M	**10533**	HDLSP2-03M	**10543**	HDLSP3-03M
4,0	**10510**	HSP-MDL-AH-1-04M	**10524**	HDLSP1-04M	**10534**	HDLSP2-04M	**10544**	HDLSP3-04M
5,0	**10511**	HSP-MDL-AH-1-05M						
6,0	**10512**	HSP-MDL-AH-1-06M	**10525**	HDLSP1-06M	**10535**	HDLSP2-06M	**10545**	HDLSP3-06M
7,0	**10513**	HSP-MDL-AH-1-07M						
8,0	**10514**	HSP-MDL-AH-1-08M	**10526**	HDLSP1-08M	**10536**	HDLSP2-08M	**10546**	HDLSP3-08M
10,0	**10515**	HSP-MDL-AH-1-10M	**10527**	HDLSP1-10M	**10537**	HDLSP2-10M	**10547**	HDLSP3-10M
12,0	**10516**	HSP-MDL-AH-1-12M	**10528**	HDLSP1-12M	**10538**	HDLSP2-12M	**10548**	HDLSP3-12M
14,0	**10517**	HSP-MDL-AH-1-14M	**10529**	HDLSP1-14M	**10539**	HDLSP2-14M	**10549**	HDLSP3-14M
16,0	**10518**	HSP-MDL-AH-1-16M	**10530**	HDLSP1-16M	**10540**	HDLSP2-16M	**10550**	HDLSP3-16M
18,0	**10519**	HSP-MDL-AH-1-18M	**10531**	HDLSP1-18M	**10541**	HDLSP2-18M	**10551**	HDLSP3-18M
20,0	**10520**	HSP-MDL-AH-1-20M						
22,0	**10521**	HSP-MDL-AH-1-22M						

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

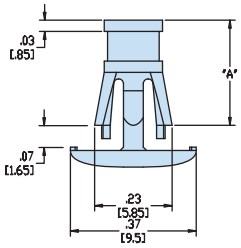
Quick Specs

Heyco® Nylon PCB Supports - Reverse Locking



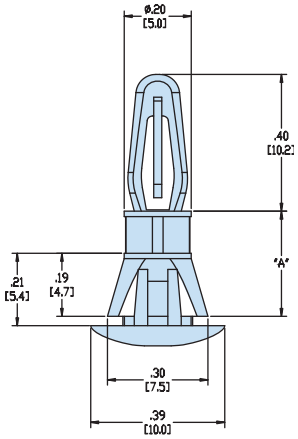
BAYONET SNAP LOCK 8,7 / REVERSE BUTTON LOCK

HLCBSC2



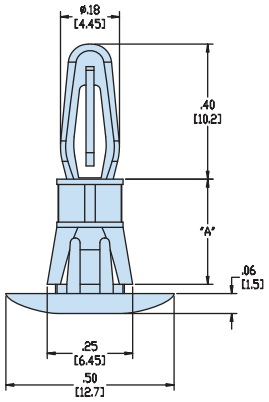
FLAT TOP REST MOUNT / REVERSE BUTTON LOCK

HLCBSC3



BAYONET SNAP LOCK 10,2 / REVERSE BUTTON LOCK

HLCBSC4



BAYONET SNAP LOCK 10,2 / REVERSE BUTTON LOCK

HLCBSC5

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.125	3,2	flat top rest mount				.062	1,6	.157	4,0	.062	1,6	.157	4,0
Chassis	.062	1,6	.187	4,8	.062	1,6	.187	4,8	.047	1,2	.236	6,0	.078	2,0	.212	5,4

A in.	**A** mm.	**PART NO. Natural**	**DESCRIPTION**	**PART NO. Natural**	**DESCRIPTION**	**PART NO. Natural**	**DESCRIPTION**	**PART NO. Natural**	**DESCRIPTION**
.187	4,8					**10375**	HLCBSC4-03		
.250	6,4	**10359**	HLCBSC2-04	**10367**	HLCBSC3-04	**10376**	HLCBSC4-04	**10382**	HLCBSC5-04
.312	7,9	**10360**	HLCBSC2-05	**10368**	HLCBSC3-05	**10377**	HLCBSC4-05		
.375	9,5	**10361**	HLCBSC2-06	**10369**	HLCBSC3-06	**10378**	HLCBSC4-06	**10383**	HLCBSC5-06
.437	11,1	**10362**	HLCBSC2-07	**10370**	HLCBSC3-07				
.500	12,7	**10363**	HLCBSC2-08	**10371**	HLCBSC3-08	**10379**	HLCBSC4-08	**10384**	HLCBSC5-08
.562	14,3	**10364**	HLCBSC2-09	**10372**	HLCBSC3-09	**10381**	HLCBSC4-10		
.625	15,9	**10365**	HLCBSC2-10	**10373**	HLCBSC3-10			**10385**	HLCBSC5-10
.750	19,1					**10380**	HLCBSC4-12		

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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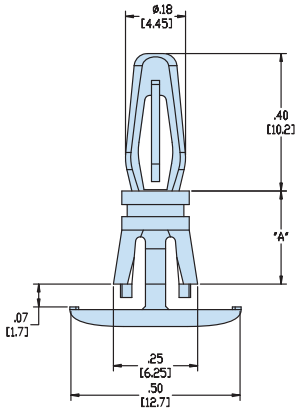
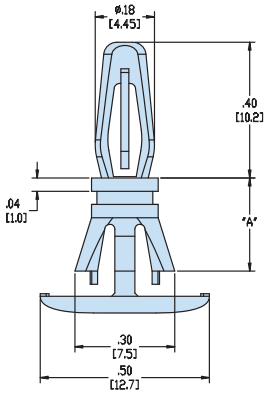
Heyco® Nylon PCB Supports - Reverse Locking



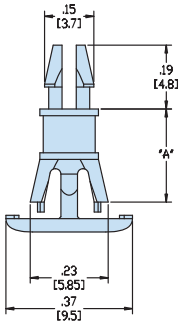
BAYONET SNAP LOCK 10,2 / REVERSE BUTTON LOCK

HLCBSC6



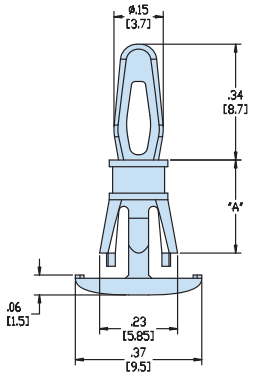
BAYONET SNAP LOCK 10,2 / REVERSE BUTTON LOCK

HLCBSC7



TWO PRONG SNAP LOCK / REVERSE BUTTON LOCK

HLCBSC8



BAYONET SNAP FIT 8,7 / REVERSE BUTTON LOCK

HLCBSC9

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.157	4,0	.062	1,6	.125	3,2	.062	1,6	.125	3,2
Chassis	.065	1,7	.212	5,4	.065	1,7	.250	6,4	.062	1,6	.187	4,8	.062	1,6	.187	4,8

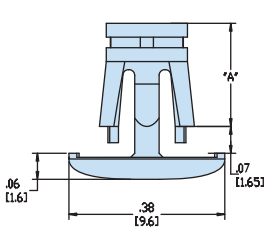
A		PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
in.	mm.	Natural		Natural		Natural		Natural	
.250	6,4	**10387**	HLCBSC6-04	**10392**	HLCBSC7-04	**10397**	HLCBSC8-04	**10405**	HLCBSC9-04
.312	7,9					**10398**	HLCBSC8-05	**10406**	HLCBSC9-05
.375	9,5	**10388**	HLCBSC6-06	**10393**	HLCBSC7-06	**10399**	HLCBSC8-06	**10407**	HLCBSC9-06
.437	11,1					**10400**	HLCBSC8-07	**10408**	HLCBSC9-07
.500	12,7	**10389**	HLCBSC6-08	**10394**	HLCBSC7-08	**10401**	HLCBSC8-08	**10409**	HLCBSC9-08
.562	14,3					**10402**	HLCBSC8-09	**10410**	HLCBSC9-09
.625	15,9	**10390**	HLCBSC6-10	**10395**	HLCBSC7-10	**10403**	HLCBSC8-10	**10411**	HLCBSC9-10

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

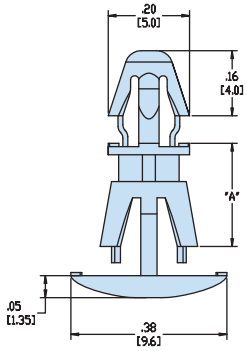
Quick Specs

Heyco® Nylon PCB Supports - Reverse Locking



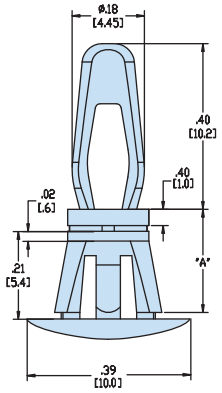
FLAT TOP REST MOUNT / REVERSE BUTTON LOCK

HLCBSC11



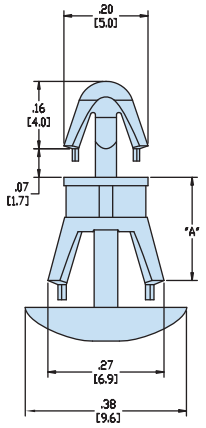
ARROWHEAD SNAP LOCK / REVERSE BUTTON LOCK

HLCBSC12-2



BAYONET SNAP FIT 10,2 / REVERSE BUTTON LOCK

HLCBSC13



ARROWHEAD LOCK / REVERSE BUTTON LOCK

HCPS

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	flat top rest mount				.062	1,6	.157	4,0	.062	1,6	.157	4,0	.062	1,6	.157	4,0
Chassis	.062	1,6	.212	5,4	.078	2,0	.212	5,4	.047	1,2	.236	6,0	.062	1,6	.216	5,5

A		PART NO. Natural*	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
in.	mm.								
.187	4,8					**10426**	HLCBSC13-03		
.250	6,4					**10427**	HLCBSC13-04		
.312	7,9					**10428**	HLCBSC13-05	**10845**	HCPS-05
.375	9,5	**10413**	HLCBSC11-06	**10420**	HLCBSC12-2-06	**10429**	HLCBSC13-06	**10846**	HCPS-06
.488	12,4	**10414**	HLCBSC11-7.8						
.500	12,7	**10415**	HLCBSC11-08	**10421**	HLCBSC12-2-08	**10430**	HLCBSC13-08	**10847**	HCPS-08
.625	15,9	**10416**	HLCBSC11-10	**10422**	HLCBSC12-2-10			**10848**	HCPS-10
.750	19,1	**10417**	HLCBSC11-12	**10423**	HLCBSC12-2-12	**10431**	HLCBSC13-12	**10849**	HCPS-12
.875	22,2	**10418**	HLCBSC11-14	**10424**	HLCBSC12-2-14			**10850**	HCPS-14
1.000	25,4							**10851**	HCPS-16
1.125	28,6							**10852**	HCPS-18
1.250	31,8							**10853**	HCPS-20
1.375	34,9							**10854**	HCPS-22
1.500	38,1							**10855**	HCPS-24

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.
*Consult Heyco for HLCBSC11 in V-0 material.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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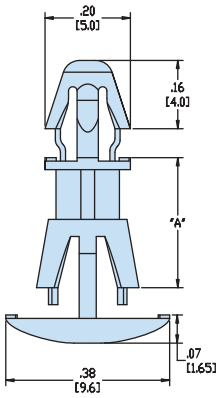
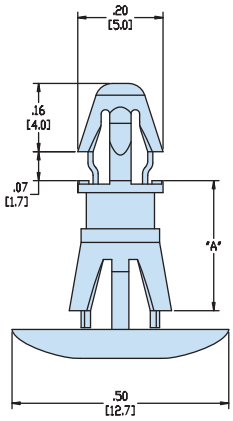
Heyco® Nylon PCB Supports - Metric Reverse Locking



ARROWHEAD SNAP LOCK / REVERSE BUTTON LOCK

HLCBSC



ARROWHEAD SNAP LOCK / REVERSE BUTTON LOCK

HLCBSC10

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.157	4,0
Chassis	.062	1,6	.212	5,4	.062	1,6	.212	5,4

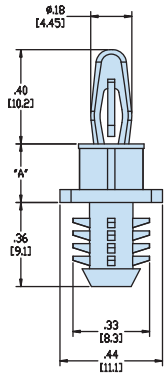
A mm.	**PART NO. Natural**	**DESCRIPTION**	**PART NO. Natural**	**DESCRIPTION**
6,0	**10433**	HLCBSC-06M		
8,0	**10434**	HLCBSC-08M	**10439**	HLCBSC10-08M
10,0	**10435**	HLCBSC-10M	**10440**	HLCBSC10-10M
12,0	**10436**	HLCBSC-12M	**10441**	HLCBSC10-12M
14,0	**10437**	HLCBSC-14M	**10442**	HLCBSC10-14M

Standard color natural. For special order parts in UL 94V-0 material, add the suffix "F" to Part No.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

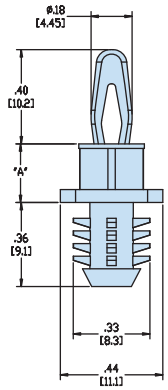
Quick Specs

Heyco® Nylon PCB Supports - Blind Mount



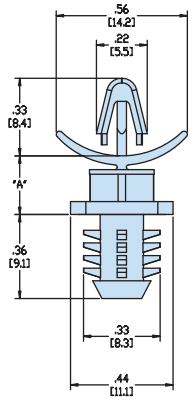
BAYONET SNAP LOCK 10,2 / BLIND FIR TREE

HBS



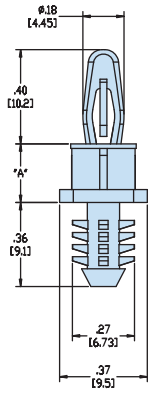
BAYONET SNAP FIT 10,2 / BLIND FIR TREE

HBS2



ARROWHEAD SNAP LOCK / BLIND FIR TREE

HBS3



BAYONET SNAP LOCK 10,2 / BLIND FIR TREE

HBS4

	HBS				HBS2				HBS3				HBS4			
	Minimum Thickness		Mounting Hole Diameter		Minimum Thickness		Mounting Hole Diameter		Minimum Thickness		Mounting Hole Diameter		Minimum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.157	4,0	.078	2,0	.157	4,0	.062	1,6	.157	4,0
Chassis	.250	6,4	.312	7,9	.250	6,4	.312	7,9	.250	6,4	.312	7,9	.250	6,4	.250	6,4

A		HBS		HBS2		HBS3		HBS4	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.187	4,8	**10553**	HBS-03	**10562**	HBS2-03			**10578**	HBS4-03
.250	6,4	**10554**	HBS-04	**10563**	HBS2-04	**10571**	HBS3-04	**10579**	HBS4-04
.375	9,5	**10555**	HBS-06	**10564**	HBS2-06	**10572**	HBS3-06	**10580**	HBS4-06
.437	11,1	**10556**	HBS-07	**10565**	HBS2-07			**10581**	HBS4-07
.500	12,7	**10557**	HBS-08	**10566**	HBS2-08	**10573**	HBS3-08	**10582**	HBS4-08
.625	15,9	**10558**	HBS-10	**10567**	HBS2-10	**10574**	HBS3-10	**10583**	HBS4-10
.750	19,1	**10559**	HBS-12	**10568**	HBS2-12	**10575**	HBS3-12	**10584**	HBS4-12
.875	22,2	**10560**	HBS-14	**10569**	HBS2-14	**10576**	HBS3-14	**10585**	HBS4-14

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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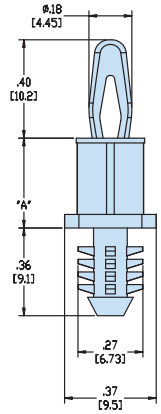
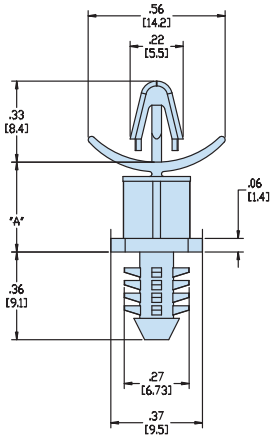
Heyco® Nylon PCB Supports - Blind, Key Slot & Rivet Mount



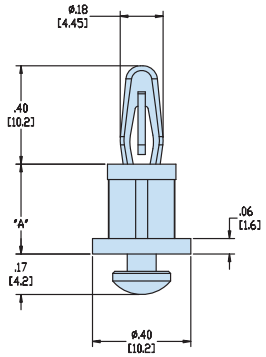
BAYONET SNAP FIT 10,2 / BLIND FIR TREE

HBS5



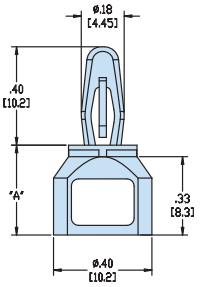
ARROWHEAD SNAP LOCK / BLIND FIR TREE

HBS6



BAYONET SNAP LOCK 10,2 / KEY SLOT BUTTON

HKSLBN - Key Slot



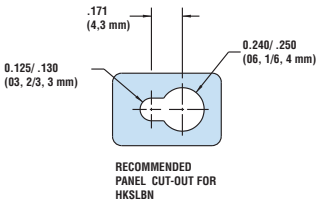
BAYONET SNAP LOCK 10,2 / RIVET

HRLSP - Rivet

	HBS5				HBS6				HKSLBN - Key Slot				HRLSP - Rivet			
	Minimum Thickness		Mounting Hole Diameter		Minimum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Slot Width		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.078	2,0	.157	4,0	.062	1,6	.157	4,0	.062	1,6	.157	4,0
Chassis	.250	6,4	.250	6,4	.250	6,4	.250	6,4	.062	1,6	see diagram		see table		.165	4,2

A		HBS5		HBS6		HKSLBN - Key Slot		HRLSP - Rivet	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.125	3,2					**10611**	HKSLBN-02		
.187	4,8	**10587**	HBS5-03						
.250	6,4	**10588**	HBS5-04	**10596**	HBS6-04	**10612**	HKSLBN-04		
.375	9,5	**10589**	HBS5-06	**10597**	HBS6-06	**10613**	HKSLBN-06	**10603**	HRLSP-06
.437	11,1	**10590**	HBS5-07					**10604**	HRLSP-07
.500	12,7	**10591**	HBS5-08	**10598**	HBS6-08	**10614**	HKSLBN-08	**10605**	HRLSP-08
.625	15,9	**10592**	HBS5-10	**10599**	HBS6-10			**10606**	HRLSP-10
.750	19,1	**10593**	HBS5-12	**10600**	HBS6-12			**10607**	HRLSP-12
.875	22,2	**10594**	HBS5-14	**10601**	HBS6-14			**10608**	HRLSP-14
1.000	25,4							**10609**	HRLSP-16

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.



RECOMMENDED PANEL CUT-OUT FOR HKSLBN

Rivet Table for HRLSP		
PART NO. Black	PANEL THICKNESS in.	mm.
9058	.03 - .06	0,7 - 1,6
9060	.06 - .11	1,6 - 2,7
9062	.11 - .15	2,7 - 3,7
9064	.15 - .19	3,7 - 4,7
9068	.22 - .26	5,7 - 6,7

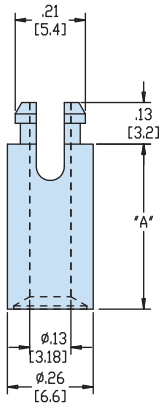
Rivet applied from Chassis side.

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

Quick Specs

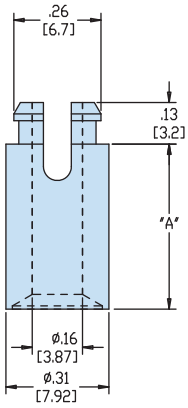
Heyco® Nylon PCB Supports - Stackable Self-Retaining Spacers

- May be stacked for multi-level PCB applications.
- Self aligning.
- One end locks into PCB.
- Clear hole variations for #4, #6 or #8 screw.



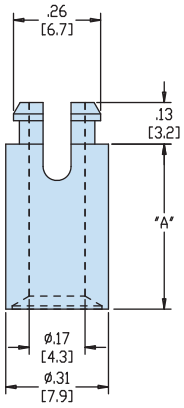
TWO PRONG SNAP LOCK / #4 SELF-TAPPING SCREW

HSSRS4



TWO PRONG SNAP LOCK / #6 SELF-TAPPING SCREW

HSSRS6



TWO PRONG SNAP LOCK / #8 SELF-TAPPING SCREW

HSSRS8

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.187	4,7	.062	1,6	.232	5,9	.062	1,6	.232	5,9
Chassis	self-tapping		#4		self-tapping		#6		self-tapping		#8	M4

A in.	**A** mm.	**PART NO. FR Natural**	**DESCRIPTION**	**PART NO. FR Natural**	**DESCRIPTION**	**PART NO. Natural***	**DESCRIPTION**
.125	3,2	**3681**	HSSRS4-02				
.187	4,8	**3683**	HSSRS4-03				
.250	6,4	**3684**	HSSRS4-04	**3689**	HSSRS6-04	**10857**	HSSRS8-04
.312	7,9					**10858**	HSSRS8-05
.375	9,5	**3685**	HSSRS4-06	**3690**	HSSRS6-06	**10859**	HSSRS8-06
.437	11,1					**10860**	HSSRS8-07
.500	12,7	**3687**	HSSRS4-08	**3691**	HSSRS6-08	**10861**	HSSRS8-08
.625	15,9	**3688**	HSSRS4-10	**3692**	HSSRS6-10	**10862**	HSSRS8-10
.750	19,1					**10863**	HSSRS8-12
.875	22,2					**10864**	HSSRS8-14
1.000	25,4					**10865**	HSSRS8-16

Standard material is FR natural.

*HSSRS8 standard material is UL 94V-2 natural.

Quick Specs

Material	Nylon 6/6
Flammability Rating	HSSRS4 & HSSRS6 - 94V-0; HSSRS8 - 94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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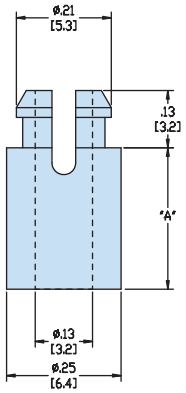
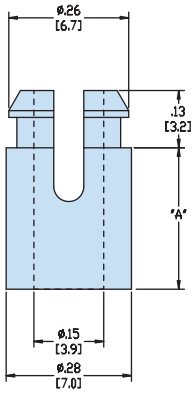
Heyco® Nylon PCB Supports - Thru Hole Self-Retaining Spacers

- Large surface area base will not deform under heavy pre-load.
- One end locks into PCB.
- Clear hole variations for #4, #6 or #8 screw.



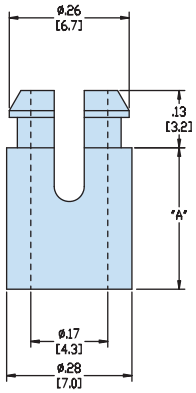
TWO PRONG SNAP LOCK / #4 or M3 SELF-TAPPING SCREW

HSRS4



TWO PRONG SNAP LOCK / #6 or M3 SELF-TAPPING SCREW

HSRS6



TWO PRONG SNAP LOCK / #8 or M4 SELF-TAPPING SCREW

HSRS8

	HSRS4				HSRS6				HSRS8			
	Maximum Thickness †		Mounting Hole Diameter		Maximum Thickness †		Mounting Hole Diameter		Maximum Thickness †		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.187	4,7	.062	1,6	.232	5,9	.062	1,6	.232	5,9
Chassis	self-tapping			M3	self-tapping			M3	self-tapping			M4

A		HSRS4		HSRS6		HSRS8	
in.	mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.125	3,2	**10627**	HSRS4-02				
.187	4,8	**10628**	HSRS4-03				
.250	6,4	**10629**	HSRS4-04	**10639**	HSRS6-04	**10649**	HSRS8-04
.312	7,9	**10630**	HSRS4-05	**10640**	HSRS6-05	**10650**	HSRS8-05
.375	9,5	**10631**	HSRS4-06	**10641**	HSRS6-06	**10651**	HSRS8-06
.437	11,1	**10632**	HSRS4-07	**10642**	HSRS6-07	**10652**	HSRS8-07
.500	12,7	**10633**	HSRS4-08	**10643**	HSRS6-08	**10653**	HSRS8-08
.625	15,9	**10634**	HSRS4-10	**10644**	HSRS6-10	**10654**	HSRS8-10
.750	19,1	**10635**	HSRS4-12	**10645**	HSRS6-12	**10655**	HSRS8-12
.875	22,2	**10636**	HSRS4-14	**10646**	HSRS6-14	**10656**	HSRS8-14
1.000	25,4	**10637**	HSRS4-16	**10647**	HSRS6-16	**10657**	HSRS8-16

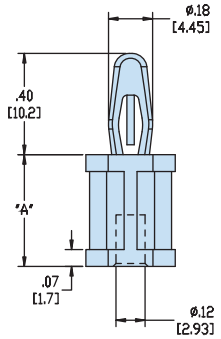
Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

†Thread depth at Chassis end. For HSRS4, -6 and -8, thread depth = "A" dimension

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

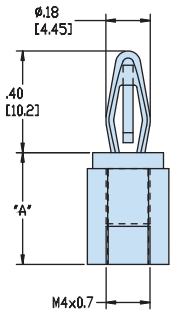
Quick Specs

Heyco® Nylon PCB Supports - Screw and Lock



BAYONET SNAP LOCK 10,2 / 6-32 SELF-TAPPING SCREW

HHCBS



BAYONET SNAP LOCK 10,2 / M4 THREADED FEMALE

HLCBS-TF

	Maximum Thickness*		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.157	4,0
Chassis	.312	7,9	6-32		threaded			M4

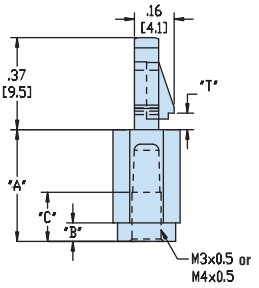
A in.	A mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural**	DESCRIPTION
.250	6,4	**10616**	HHCBS-04 †		
.375	9,5	**10617**	HHCBS-06	**10829**	HLCBS-TF-M4-06
.500	12,7	**10618**	HHCBS-08	**10830**	HLCBS-TF-M4-08
.625	15,9	**10619**	HHCBS-10	**10831**	HLCBS-TF-M4-10
.750	19,1	**10620**	HHCBS-12	**10832**	HLCBS-TF-M4-12
.875	22,2	**10621**	HHCBS-14	**10833**	HLCBS-TF-M4-14
1.000	25,4	**10622**	HHCBS-16	**10834**	HLCBS-TF-M4-16
1.125	28,6	**10623**	HHCBS-18		
1.250	31,8	**10624**	HHCBS-20		
1.406	35,7	**10625**	HHCBS-22.5		

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

*Refers to thread depth at chassis which is .312˝ (7,9 mm)

**Consult Heyco for HLCBS-TF in V-0 material

†Thread depth is .20˝ (5,2 mm)



BAYONET SNAP LOCK 9,5 / METRIC THREADED FEMALE

HTCBS Series

	Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.
PCB	varies		.157	4,0
Chassis	screw*			M3, M4

A mm.	T mm.	PART NO. Black	DESCRIPTION
HTCBS-M3-6 mm Hex			
8,0	1,6	**10659**	HTCBS-M3-6-8
10,0	1,6	**10660**	HTCBS-M3-6-10
15,0	1,6	**10661**	HTCBS-M3-6-15
20,0	1,7	**10662**	HTCBS-M3-6-20
HTCBS-M3-8 mm Hex			
8,0	1,6	**10664**	HTCBS-M3-8-8
23,0	1,6	**10665**	HTCBS-M3-8-23
HTCBS-M4-8 mm Hex			
10,0	1,6	**10667**	HTCBS-M4-8-10
12,0	1,7	**10668**	HTCBS-M4-8-12
15,0	1,6	**10669**	HTCBS-M4-8-15
30,0	1,6	**10670**	HTCBS-M4-8-30-16
	1,7	**10671**	HTCBS-M4-8-30-17
	2,1	**10672**	HTCBS-M4-8-30-21
35,0	2,1	**10673**	HTCBS-M4-8-35
70,0	1,6	**10674**	HTCBS-M4-8-70

Standard color black.

*Shoulder and thread depths vary, consult Heyco.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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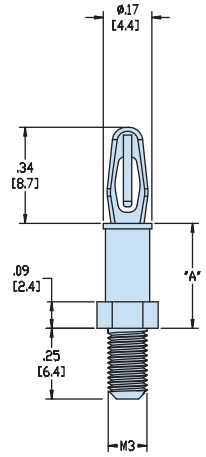
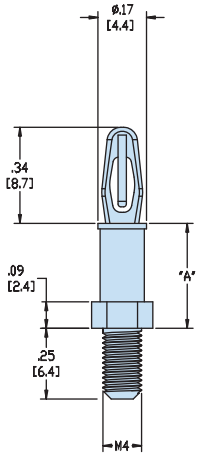
Heyco® Nylon PCB Supports - Threaded Male



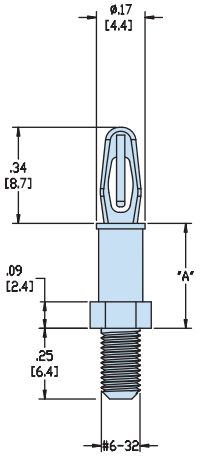
BAYONET SNAP LOCK 8,7 / M3 MALE THREAD

HSCBS3



BAYONET SNAP LOCK 8,7 / M4 MALE THREAD

HSCBS4



BAYONET SNAP LOCK 8,7 / 6-32 MALE THREAD

HSCBS5

	Maximum Thread Lg †		Mounting Hole Diameter		Maximum Thread Lg †		Mounting Hole Diameter		Maximum Thread Lg †		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.125	3,2	.062	1,6	.125	3,2	.062	1,6	.125	3,2
Chassis	.250	6,4		M3	.250	6,4		M4	.250	6,4	6-32	

A		PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
in.	mm.						
.125	3,2	**10716**	HSCBS3-02	**10726**	HSCBS4-02	**10736**	HSCBS5-02
.187	4,8	**10717**	HSCBS3-03	**10727**	HSCBS4-03	**10737**	HSCBS5-03
.250	6,4	**10718**	HSCBS3-04	**10728**	HSCBS4-04	**10738**	HSCBS5-04
.312	7,9	**10719**	HSCBS3-05	**10729**	HSCBS4-05	**10739**	HSCBS5-05
.375	9,5	**10720**	HSCBS3-06	**10730**	HSCBS4-06	**10740**	HSCBS5-06
.437	11,1	**10721**	HSCBS3-07	**10731**	HSCBS4-07	**10741**	HSCBS5-07
.500	12,7	**10722**	HSCBS3-08	**10732**	HSCBS4-08	**10742**	HSCBS5-08
.562	14,3	**10723**	HSCBS3-09	**10733**	HSCBS4-09	**10743**	HSCBS5-09
.625	15,9	**10724**	HSCBS3-10	**10734**	HSCBS4-10	**10744**	HSCBS5-10

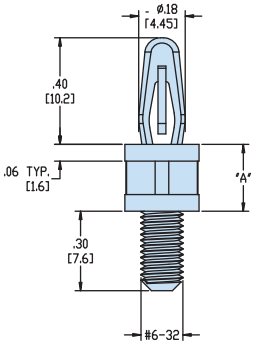
Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

†Thread length at Chassis

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

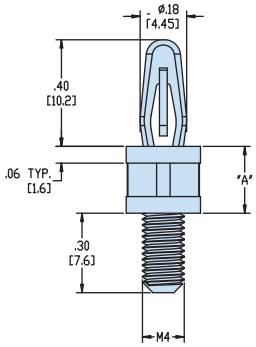
Quick Specs

Heyco® Nylon PCB Supports - Threaded Male



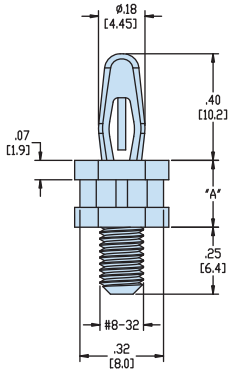
BAYONET SNAP LOCK 10,2 / 6-32 MALE THREAD

HSCBS6



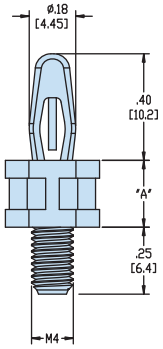
BAYONET SNAP LOCK 10,2 / M4 MALE THREAD

HSCBS7



BAYONET SNAP LOCK 10,2 / 8-32 MALE THREAD

HSCBS8



BAYONET SNAP LOCK 10,2 / M4 MALE THREAD

HSCBS

	Maximum Thread Lg †		Mounting Hole Diameter		Maximum Thread Lg †		Mounting Hole Diameter		Maximum Thread Lg †		Mounting Hole Diameter		Maximum Thread Lg †		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.157	4,0	.062	1,6	.157	4,0	.062	1,6	.157	4,0
Chassis	.300	7,6	6-32		.300	7,6		M4	.250	6,4	8-32		.250	6,4		M4

A in.	A mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.250	6,4	**10746**	HSCBS6-04	**10754**	HSCBS7-04	**10762**	HSCBS8-04	**10678**	HSCBS-04
.375	9,5	**10747**	HSCBS6-06	**10755**	HSCBS7-06	**10763**	HSCBS8-06	**10679**	HSCBS-06
.500	12,7	**10748**	HSCBS6-08	**10756**	HSCBS7-08	**10764**	HSCBS8-08	**10680**	HSCBS-08
.625	15,9	**10749**	HSCBS6-10	**10757**	HSCBS7-10	**10765**	HSCBS8-10	**10681**	HSCBS-10
.750	19,1	**10750**	HSCBS6-12	**10758**	HSCBS7-12	**10766**	HSCBS8-12	**10682**	HSCBS-12
.812	20,6							**10683**	HSCBS-13
.875	22,2	**10751**	HSCBS6-14	**10759**	HSCBS7-14	**10767**	HSCBS8-14	**10684**	HSCBS-14
1.000	25,4	**10752**	HSCBS6-16	**10760**	HSCBS7-16	**10768**	HSCBS8-16	**10685**	HSCBS-16
1.125	28,6					**10769**	HSCBS8-18	**10686**	HSCBS-18
1.406	35,7					**10770**	HSCBS8-22.5	**10687**	HSCBS-22.5

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

†Thread length at Chassis

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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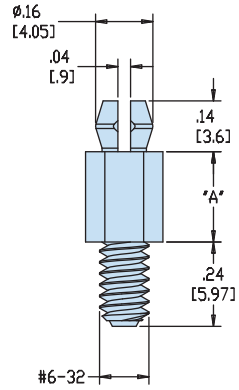
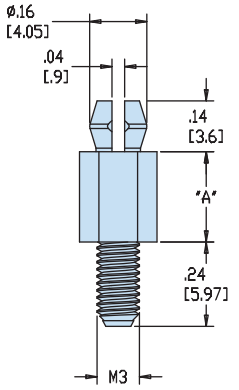
Heyco® Nylon PCB Supports - Threaded Male



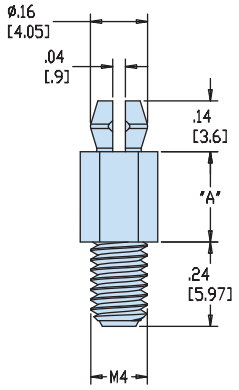
TWO PRONG SNAP FIT / 6-32 MALE THREAD

HSCBS1-632



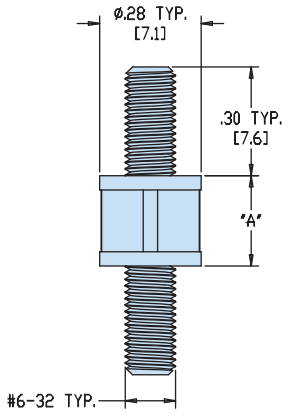
TWO PRONG SNAP FIT / M3 MALE THREAD

HSCBS1-M3



TWO PRONG SNAP FIT / M4 MALE THREAD

HSCBS1-M4



6-32 MALE THREAD / 6-32 MALE THREAD

HCBS-TMM

	HSCBS1-632				HSCBS1-M3				HSCBS1-M4				HCBS-TMM			
	Maximum Thread Lg †		**Mounting Hole Diameter**		**Maximum Thread Lg †**		**Mounting Hole Diameter**		**Maximum Thread Lg †**		**Mounting Hole Diameter**		**Maximum Thread Lg †**		**Mounting Hole Diameter**	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.153	3,9	.062	1,6	.153	3,9	.062	1,6	.153	3,9	.300	7,6	6-32	
Chassis	.236	6,0	6-32		.236	6,0		M3	.236	6,0		M4	.300	7,6	6-32	

A in.	**A** mm.	**PART NO. Natural**	**DESCRIPTION**	**PART NO. Natural***	**DESCRIPTION**	**PART NO. Natural***	**DESCRIPTION**	**PART NO. Natural**	**DESCRIPTION**
.125	3,2	**10689**	HSCBS1-632-02	**10698**	HSCBS1-M3-02	**10707**	HSCBS1-M4-02		
.187	4,8	**10690**	HSCBS1-632-03	**10699**	HSCBS1-M3-03	**10708**	HSCBS1-M4-03		
.250	6,4	**10691**	HSCBS1-632-04	**10700**	HSCBS1-M3-04	**10709**	HSCBS1-M4-04	**10817**	HCBS-TMM-04
.375	9,5	**10692**	HSCBS1-632-06	**10701**	HSCBS1-M3-06	**10710**	HSCBS1-M4-06	**10818**	HCBS-TMM-06
.500	12,7	**10693**	HSCBS1-632-08	**10702**	HSCBS1-M3-08	**10711**	HSCBS1-M4-08	**10819**	HCBS-TMM-08
.625	15,9	**10694**	HSCBS1-632-10	**10703**	HSCBS1-M3-10	**10712**	HSCBS1-M4-10	**10820**	HCBS-TMM-10
.750	19,1	**10695**	HSCBS1-632-12	**10704**	HSCBS1-M3-12	**10713**	HSCBS1-M4-12	**10821**	HCBS-TMM-12
.875	22,2	**10696**	HSCBS1-632-14	**10705**	HSCBS1-M3-14	**10714**	HSCBS1-M4-14	**10822**	HCBS-TMM-14
1.000	25,4							**10823**	HCBS-TMM-16

Standard color natural. For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No.

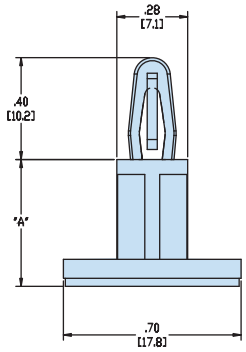
*Consult Heyco for HSCBS1-M3 and HSCBS1-M4 in V-0 material.

†Thread length at Chassis (and at PCB for HCBS-TMM)

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

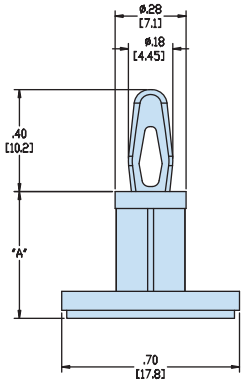
Quick Specs

Heyco® Nylon PCB Supports - Adhesive-Back Mount



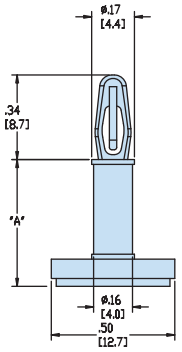
BAYONET SNAP LOCK 10,2 / ADHESIVE-BACK BASE 17,8 sq

HCBS



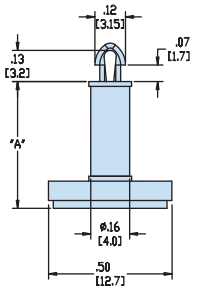
BAYONET SNAP FIT 10,2 / ADHESIVE-BACK BASE 17,8 sq

HCBS2



BAYONET SNAP LOCK 8,7 / ADHESIVE-BACK BASE 12,7 sq

HCBS3



TEARDROP SNAP LOCK / ADHESIVE-BACK BASE 12,7 sq

HCBS4

	Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter		Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0	.062	1,6	.157	4,0	.062	1,6	.125	3,2	.062	1,6	.098	2,5
Chassis	adhesive-back mount				adhesive-back mount				adhesive-back mount				adhesive-back mount			

A		PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
in.	mm.	Natural		Natural		Natural		Natural	
.187	4,8	**10772**	HCBS-03-AB	**10784**	HCBS2-03-AB	**10794**	HCBS3-03-AB	**10803**	HCBS4-03-AB
.250	6,4	**10773**	HCBS-04-AB	**10785**	HCBS2-04-AB	**10795**	HCBS3-04-AB	**10804**	HCBS4-04-AB
.312	7,9					**10796**	HCBS3-05-AB		
.375	9,5	**10774**	HCBS-06-AB	**10786**	HCBS2-06-AB	**10797**	HCBS3-06-AB	**10805**	HCBS4-06-AB
.437	11,1					**10798**	HCBSC-07-AB	**10806**	HCBS4-07-AB
.500	12,7	**10775**	HCBS-08-AB	**10787**	HCBS2-08-AB	**10799**	HCBS3-08-AB	**10807**	HCBS4-08-AB
.562	14,3					**10800**	HCBS3-09-AB		
.625	15,9	**10776**	HCBS-10-AB	**10788**	HCBS2-10-AB	**10801**	HCBS3-10-AB	**10808**	HCBS4-10-AB
.750	19,1	**10777**	HCBS-12-AB	**10789**	HCBS2-12-AB				
.875	22,2	**10778**	HCBS-14-AB	**10790**	HCBS2-14-AB				
1.000	25,4	**10779**	HCBS-16-AB	**10791**	HCBS2-16-AB				
1.125	28,6	**10780**	HCBS-18-AB	**10792**	HCBS2-18-AB				

Standard color natural.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

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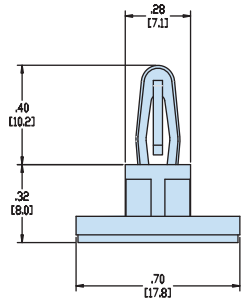
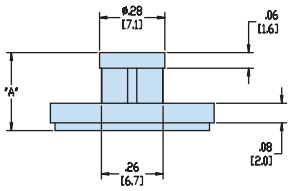
Heyco® Nylon PCB Supports - Adhesive-Back Mount and Edge Holding



BAYONET SNAP LOCK 10,2 / ADHESIVE-BACK BASE 17,8 sq

HCBS-Metric



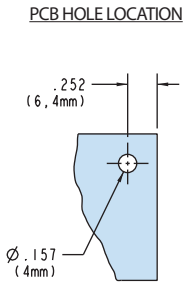
FLAT TOP REST MOUNT / ADHESIVE-BACK BASE 17,8 sq

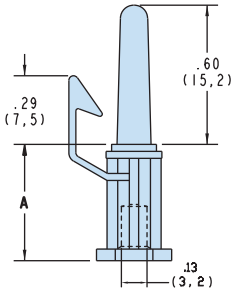
HPSB

	Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0
Chassis	adhesive-back mount			

A mm.	PART NO. Natural	DESCRIPTION	PART NO. Natural V-0	DESCRIPTION
6,0			**10810F**	HPSB-06M-AB
8,0	**10781**	HCBS-08M-AB	**10811F**	HPSB-08M-AB
10,0	**10782**	HCBS-10M-AB	**10812F**	HPSB-10M-AB
12,0			**10813F**	HPSB-12M-AB
14,0			**10814F**	HPSB-14M-AB
16,0			**10815F**	HPSB-16M-AB

Standard color natural. *For special order parts in UL 94V-0 natural material, add the suffix "F" to Part No. Note: Consult Heyco for HCBS in V-0 material. V-0 material is standard for HPSB series parts.





EDGE SNAP LOCK / #6 SELF-TAPPING SCREW

HTEHCBS

	Maximum Thickness		Mounting Hole Diameter	
	in.	mm.	in.	mm.
PCB	.062	1,6	.157	4,0
Chassis	Varies		#6 Screw	

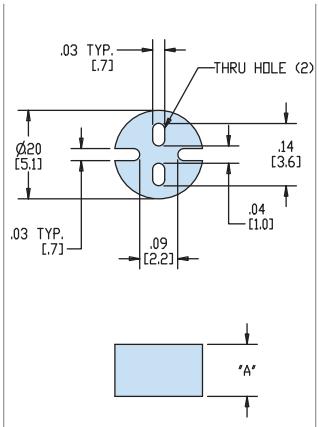
A in.	A mm.	PART NO. Natural*	DESCRIPTION
.250	6,4	**10935**	HTEHCBS-04
.312	7,9	**10936**	HTEHCBS-05
.375	9,5	**10937**	HTEHCBS-06
.500	12,7	**10939**	HTEHCBS-08
.625	15,9	**10941**	HTEHCBS-10
.750	19,1	**10942**	HTEHCBS-12
.875	22,2	**10943**	HTEHCBS-14
1.000	25,4	**10944**	HTEHCBS-16

- Long nose facilitates alignment of components on board with the mating parts on the chassis.
- PCB is easy to remove for service.

Material	Nylon 6/6
Flammability Rating	HPSB - 94V-0; all others 94V-2
Temperature Range	.4°F (-18°C) to 185°F (85°C)

Quick Specs

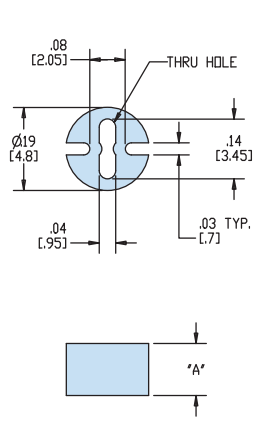
Heyco® PVC and Nylon LED Spacers



Fits T-1 3/4 (5 mm)

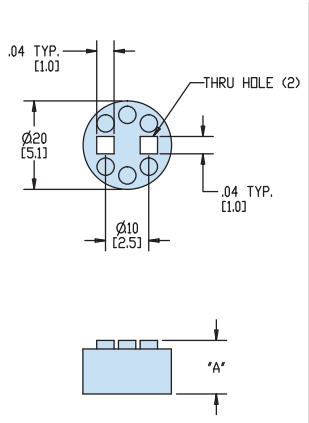
HLEDM-1

A in.	A mm.	PART NO. Black PVC	DESCRIPTION	PART NO. Black V-0	DESCRIPTION
	2,0			**11002F**	HLEDM-2-02M
	3,0	**11000**	HLEDM-1-03M	**11003F**	HLEDM-2-03M
	5,0			**11004F**	HLEDM-2-05M
	6,0			**11005F**	HLEDM-2-06M
	7,0			**11006F**	HLEDM-2-07M
	10,0	**11001**	HLEDM-1-25M	**11010F**	HLEDM-2-10M
	12,0			**11007F**	HLEDM-2-12M
	13,0			**11008F**	HLEDM-2-13M
	17,0			**11009F**	HLEDM-2-17M



Fits T-1 (3 mm)

HLEDM-2



Fits T-1 3/4 (5 mm)

HLEDS2M

A in.	A mm.	PART NO. Natural	DESCRIPTION
.122	3,1	**11011**	HLEDS2M-120
.141	3,6	**11012**	HLEDS2M-140
.161	4,1	**11013**	HLEDS2M-160
.177	4,5	**11014**	HLEDS2M-180
.200	5,1	**11015**	HLEDS2M-200
.220	5,6	**11016**	HLEDS2M-220
.240	6,1	**11017**	HLEDS2M-240

Standard color as noted.

For Heyco PCB Surface Mount Miniature Connectors for LED PCB's, contact Heyco.

Quick Specs

	HLEDM-1	HLEDM-2	HLEDS2M
Material	PVC	PVC	Nylon 6/6
Flammability Rating	94HB	94V-0	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C) (All)		

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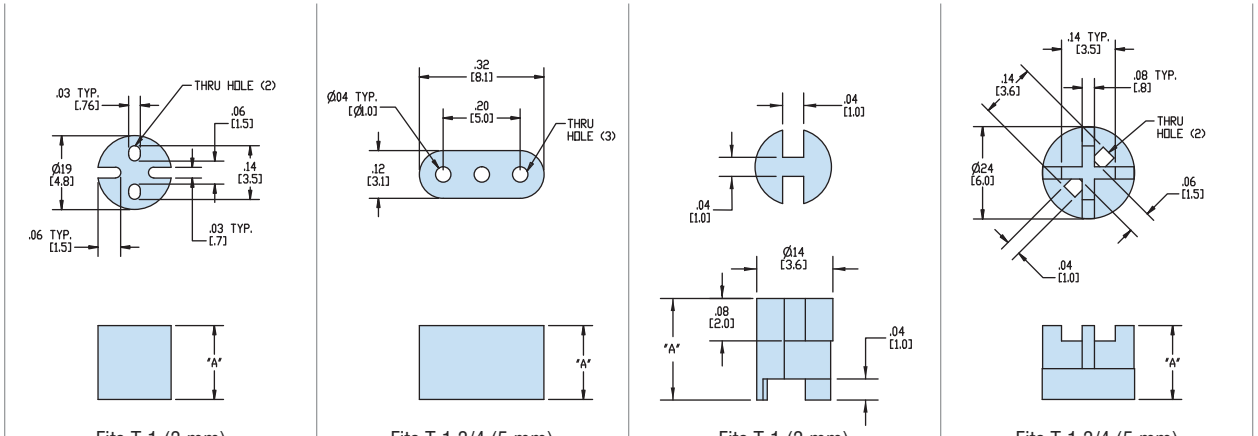
Heyco® PVC and Nylon LED Spacers



Fits T-1 (3 mm) — **HLEDS2**

Fits T-1 3/4 (5 mm) — **HLEDS3**

Fits T-1 (3 mm) — **HLEDS1E**

Fits T-1 3/4 (5 mm) — **HLEDS2E**

A in.	A mm.	PART NO. Black PVC*	DESCRIPTION	PART NO. Black PVC	DESCRIPTION	PART NO. Natural	DESCRIPTION	PART NO. Natural	DESCRIPTION
.187	4,8			**11025**	HLEDS3-03	**11032**	HLEDS1E-03	**11041**	HLEDS2E-03
.250	6,4	**11019**	HLEDS2-04	**11026**	HLEDS3-04	**11033**	HLEDS1E-04	**11042**	HLEDS2E-04
.375	9,5	**11020**	HLEDS2-06	**11027**	HLEDS3-06	**11034**	HLEDS1E-06	**11043**	HLEDS2E-06
.500	12,7	**11021**	HLEDS2-08	**11028**	HLEDS3-08	**11035**	HLEDS1E-08	**11044**	HLEDS2E-08
.625	15,9	**11022**	HLEDS2-10	**11029**	HLEDS3-10	**11036**	HLEDS1E-10	**11045**	HLEDS2E-10
.750	19,1	**11023**	HLEDS2-12	**11030**	HLEDS3-12	**11037**	HLEDS1E-12	**11046**	HLEDS2E-12
.875	22,2					**11038**	HLEDS1E-14	**11047**	HLEDS2E-14
1.000	25,4					**11039**	HLEDS1E-16	**11048**	HLEDS2E-16

Standard as color noted.

*V-0 material available, consult Heyco.

For Heyco PCB Surface Mount Miniature Connectors for LED PCB's, contact Heyco.

Quick Specs

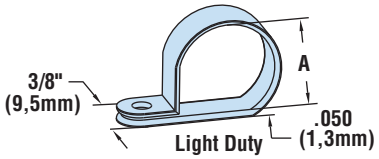
	HLEDS2	HLEDS3	HLEDS1E & HLEDS2E
Material	PVC	PVC	Nylon 6/6
Flammability Rating	94HB	94HB	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C) (All)		

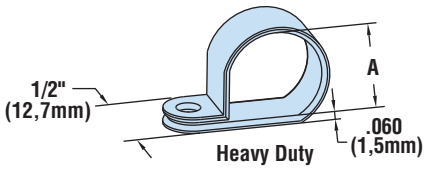
Heyco® Nylon Cable Clamps

- **For clamping cable or tubing securely into place.**
- Resist corrosion, salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL certification or testing.)
- All parts are size marked in inches and millimeters.
- Standard material Nylon 6/6. 94V-0 available, consult Heyco.
- For Snap Rivets compatible with Heyco Cable Clamps, see the table on page 31.

MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.	SCREW SIZE	PART DIMENSION A in.	PART DIMENSION A mm.	PART NO. Black	PART NO. Natural	DESCRIPTION
Light Duty - 3/8˝ (9,5 mm) wide, .05˝ (1,3 mm) thick							
			.125	3,2	**3362**	**3312**	CCL 125-170
			.187	4,7	**3363**	**3313**	CCL 187-170
			.250	6,3	**3364**	**3314**	CCL 250-170
.170	4,3	8	.312	7,9	**3365**	**3315**	CCL 312-170
			.375	9,5	**3366**	**3316**	CCL 375-170
			.437	11,1	**3367**	**3317**	CCL 437-170
			.500	12,7	**3368**	**3318**	CCL 500-170
			.125	3,2	**3352**	**3302**	CCL 1/8
			.187	4,7	**3353**	**3303**	CCL 3/16
			.250	6,3	**3354**	**3304**	CCL 1/4
.203	5,2	10	.312	7,9	**3355**	**3305**	CCL 5/16
			.375	9,5	**3356**	**3306**	CCL 3/8
			.437	11,1	**3357**	**3307**	CCL 7/16
			.500	12,7	**3358**	**3308**	CCL 1/2
Heavy Duty - 1/2˝ (12,7 mm) wide, .06˝ (1,5 mm) thick							
			.125	3,2	**3372**	**3322**	CCH 1/8
			.187	4,7	**3373**	**3323**	CCH 3/16
			.250	6,3	**3374**	**3324**	CCH 1/4
			.312	7,9	**3375**	**3325**	CCH 5/16
			.375	9,5	**3376**	**3326**	CCH 3/8
			.437	11,1	**3377**	**3327**	CCH 7/16
			.500	12,7	**3378**	**3328**	CCH 1/2
			.562	14,3	**3379**	**3329**	CCH 9/16
			.625	15,9	**3380**	**3330**	CCH 5/8
.203	5,2	10	.687	17,4	**3381**	**3331**	CCH 11/16
			.750	19,1	**3382**	**3332**	CCH 3/4
			.812	20,6	**3383**	**3333**	CCH 13/16
			.875	22,2	**3384**	**3334**	CCH 7/8
			1.000	25,4	**3390**	**3340**	CCH 1
			1.125	28,6	**3392**	**3342**	CCH 1-1/8
			1.187	30,1	**3393**	**3343**	CCH 1-3/16
			1.250	31,8	**3394**	**3344**	CCH 1-1/4
			1.375	34,9	**3396**	**3346**	CCH 1-3/8
			1.500	38,1	**3398**	**3348**	CCH 1-1/2

Standard colors black and natural.





Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E54523
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 221°F (105°C) - Black 32°F (0°C) to 185°F (85°C) - Natural

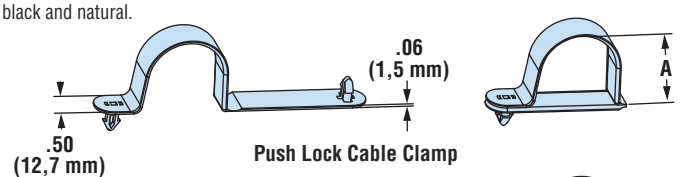
Heyco® Lockit™ Nylon Cable Clamps

Lock onto Wire and Cable for Faster Final Assembly

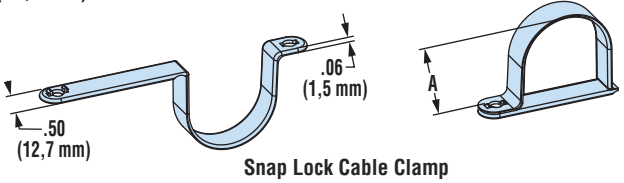
Heavy Duty - 1/2˝ (12,7 mm) Wide, .06˝ (1,5 mm) Thick

MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.	SCREW SIZE	PART DIMENSION A in.	PART DIMENSION A mm.	PART NO. Black	PART NO. Natural	DESCRIPTION
Push Lock Style	For Panels up to .125" (3,2 mm) thick						
.187	4,7	Push Mount	1.13	28,6	**3730**	**3731**	PLCC 1125
			1.19	30,1	**3734**	**3735**	PLCC 1187
			1.25	31,8	**3738**	**3739**	PLCC 1250
			1.38	34,9	**3742**	**3743**	PLCC 1375
			1.50	38,1	**3746**	**3747**	PLCC 1500
Snap Lock Style							
.190	4,8	#10	1.13	28,6	**3728**	**3729**	SLCC 1125
			1.19	30,1	**3732**	**3733**	SLCC 1187
			1.25	31,8	**3736**	**3737**	SLCC 1250
			1.38	34,9	**3740**	**3741**	SLCC 1375
			1.50	38,1	**3744**	**3745**	SLCC 1500

Standard colors black and natural.



Push Lock Cable Clamp



Snap Lock Cable Clamp

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 221°F (105°C) - Black
	32°F (0°C) to 185°F (85°C) - Natural

Push Lock Style

- Push-in "arrowhead" locks part onto cable quickly and easily, for faster final assembly requiring **no additional hardware**.
- Resist corrosion, salt water, weak acids, grease, and common solvents.

Snap Lock Style

- Locking feature allows for preassembly onto cable quickly and easily, for faster final assembly.
- Lock securely but can be **removed and reused**.
- Resist corrosion, salt water, weak acids, grease, and common solvents.
- Standard Material Nylon 6/6. 94V-0 available. Consult Heyco.

Quick Specs

Snap Rivet Table - for use with Heyco® Nylon Cable Clamps

For our complete line of Snap Rivets, see pages 7-62 & 7-63

PANEL THICKNESS Minimum in.	PANEL THICKNESS Minimum mm.	PANEL THICKNESS Maximum in.	PANEL THICKNESS Maximum mm.	PART NO. Black	PART NO. White	PART NO. V-0 Black	DESCRIPTION
For .170˝ (4,3 mm) Mounting Hole, Light Duty Cable Clamps							
.08	2,0	.12	3,0	**9062**	**9063**	**9062F**	PR 161-177
.12	3,0	.16	4,1	**9064**	**9065**	**9064F**	PR 161-217
.16	4,1	.20	5,1	**9066**	**9067**	**9066F**	PR 161-256
.20	5,1	.24	6,1	**9068**	**9069**	**9068F**	PR 161-295
.25	6,4	.31	7,9	**9318**	**9319**	**9318F**	PR 161-354
.39	9,9	.45	11,4	**9320**	**9321**	**9320F**	PR 161-492
For .203˝ (5,2 mm) Mounting Hole, Light or Heavy Duty Cable Clamps							
.06	1,5	.10	2,5	**9076**	**9077**	**9076F**	PR 201-177
.10	2,5	.14	3,6	**9078**	**9079**	**9078F**	PR 201-217
.14	3,6	.18	4,6	**9080**	**9081**	**9080F**	PR 201-256
.18	4,6	.22	5,6	**9082**	**9083**	**9082F**	PR 201-295

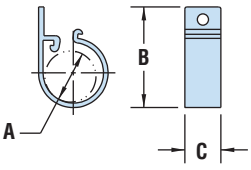
ALL NEW PRODUCTS!

Heyco® Nylon Wire Harness Clamps

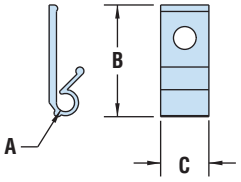
- Ideal for securing, insulating, and routing cable and tubing.
- Cable and wire can be installed or removed for repair without removing clamp.
- Mounts with screws, mounting buttons or rivets.

MOUNTING HOLE DIAMETER		SCREW SIZE	PART DIMENSIONS A Bundle Dia.		B Overall Length		C Width		PART NO. Natural	DESCRIPTION	STYLE
in.	mm.		in.	mm.	in.	mm.	in.	mm.			
Snap Mouth *											
.157	4,0	#8	.71	18,0	1.38	35,1	.50	12,7	**4148**	WHCX 750	1
Open Mouth											
.157	4,0	#8	.13	3,2	.77	19,5	.34	8,5	**4149**	WHC 125	2
.205	5,2	#10	.25	6,4	.86	21,8	.41	10,4	**4150**	WHC 250	3
			.38	9,0	.83	21,0	.40	10,2	**4151**	WHC 375	
			.50	12,5	1.16	29,4	.40	10,2	**4152**	WHC 500	
			.63	15,9	1.13	28,6	.50	12,7	**4153**	WHC 625	
			.75	19,1	1.28	32,5	.50	12,7	**4154**	WHC 750	
			1.00	25,4	1.53	38,9	.50	12,7	**4210**	WHC 1000	
			1.50	38,1	2.12	53,9	.50	12,7	**4211**	WHC 1500	

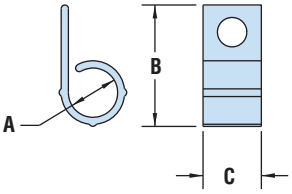
Standard color natural.
*Bundle Diameter in closed position.



Style 1



Style 2



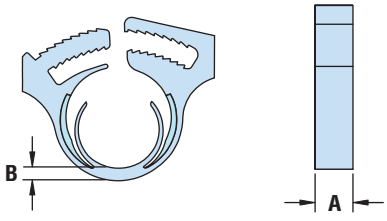
Style 3

Heyco® Nylon Lockit™ Hose Clamps

- **Retainer clip allows clamp to be pre-positioned** on hose before final installation.
- Double row of teeth for more secure grip.
- Quick and easy installation. Tighten instantly with hand pliers or Air Tool (on page 33).
- Reusable. Can be removed without cutting.
- Supertough nylon clamps offer additional clamping strength.
- Outlast tubing under pressure.
- Non-conductive and non-magnetic.
- No moving pieces to seize or vibrate loose.
- Maximum Pressure Rating: 200 PSI.

EFFECTIVE CLAMP RANGE Minimum Diameter		Maximum Diameter		PART NO. Black	DESCRIPTION	PART DIMENSIONS A Clamp Thickness		B Strap Thickness	
in.	mm.	in.	mm.			in.	mm.	in.	mm.
LHC Series									
.34	8,7	.41	10,3	**2388**	LHC 344	.25	6,4	.08	2,0
.53	13,5	.59	15,1	**2391**	LHC 531				
.67	17,0	.81	20,6	**2393**	LHC 672				

Standard color black.



Quick Specs

	WHCX & WHC	LHC
Material	Nylon 6/6	Nylon 6/6 Supertough
Flammability Rating	94V-2	94HB
Temperature Range	32°F (0°C) to 185°F (85°C)	32°F (0°C) to 185°F (85°C)

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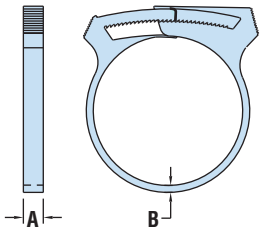
Heyco® Nylon Hose Clamps

EFFECTIVE CLAMP RANGE				PART NO.			DESCRIPTION	PART DIMENSIONS			
Minimum Diameter		Maximum Diameter		6/6 NYLON		GF* NYLON		A		B	
in.	mm.	in.	mm.	Black	White	Black		in.	mm.	in.	mm.
Regular Style											
.25	6,4	.31	7,9	—	—	**2302**	HC 250	.13	3,2	.04	1,0
.34	8,7	.41	10,3	**2306**	**2307**	**2308**	HC 344				
.41	10,3	.47	11,9	**2310**	**2311**	**2312**	HC 406				
.47	11,9	.53	13,5	**2314**	**2315**	**2316**	HC 468				
.53	13,5	.59	15,1	**2318**	**2319**	**2320**	HC 531	.21	5,3		
.59	15,1	.66	16,7	**2322**	**2323**	**2324**	HC 593				
.67	17,1	.81	20,6	**2326**	**2327**	**2328**	HC 672				
.75	19,1	.88	22,2	**2330**	**2331**	**2332**	HC 750				
.88	22,2	1.00	25,4	**2334**	**2335**	**2336**	HC 875				
.95	24,1	1.09	26,2	**2338**	**2339**	**2340**	HC 953			.07	1,8
1.03	26,2	1.19	30,2	**2342**	**2343**	**2344**	HC 1031	.31	7,9		
1.25	31,8	1.44	36,5	**2346**	**2347**	**2348**	HC 1250				
1.41	35,7	1.63	41,3	**2350**	**2351**	**2352**	HC 1406				
1.59	40,4	1.81	46,0	**2354**	**2355**	**2356**	HC 1593	.36	9,1		
1.69	42,9	1.91	48,4	**2358**	**2359**	**2360**	HC 1687				
1.88	47,6	2.13	54,0	**2362**	**2363**	**2364**	HC 1875	.40	10,2		
2.13	54,0	2.38	60,3	**2366**	**2367**	**2368**	HC 2.125				
Strap Mate Style											
1.94	49,2	2.28	57,9	-	-	**2374**	HC 1930				
2.25	57,1	2.88	73,0	-	-	**2377**	HC 2.25				
2.75	69,8	3.63	92,1	-	-	**2380**	HC 2.75	.44	11,2	.08	2,0
3.50	88,9	4.25	108,0	-	-	**2383**	HC 3.5				
4.00	101,6	5.00	127,0	-	-	**2386**	HC 4.0				

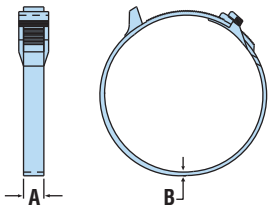
Standard colors 6/6 nylon black and white. Glass filled nylon standard color is black.

* HC 250 features a single tang design in glass-filled nylon only.

- **Quick and easy installation. Tighten instantly with hand pliers or Air Tools.**
- **Reusable**. Can be removed without cutting.
- Glass-filled nylon clamps offer additional clamping strength.
- Outlast tubing under pressure.
- Lightweight yet resist corrosion, salt water, weak acids, grease, and common solvents.



Regular Style



Strap Mate Style

Heyco® Pneumatic Air Tool for Nylon Hose Clamps

For Lockit and Regular Style Hose Clamps only

AIR TOOL PART NO. INCLUDING JAWS	JAW PART NO.*	
	Upper	Lower
0170	0T83	0T84

*Jaw Part No. if purchased separately.

- Allows for a **semi-automated process** which increases speed over manual tools.
- Activated by hand lever reducing stress on the hand and the risk of carpal tunnel syndrome associated with repetitive assembly.
- Maximum Pressure Rating: 125 psi
- Adjustable jaws allow tool to accommodate a wide range of Heyco Hose Clamps.
- Operates only when lever is depressed.
- Tool operates on standard shop air.

Materials	Nylon 6/6 or glass-filled Nylon
Flammability Rating	94V-2 for 6/6 Nylon, 94HB for glass-filled Nylon
Temperature Range	32°F (0°C) to 221°F(105°C)

Quick Specs

ALL NEW PRODUCTS!

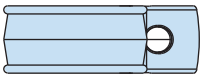
Heyco® Self-Aligning Nylon Cable Clamps

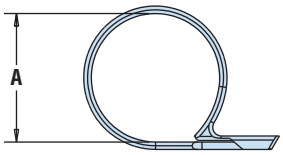
- Interlocking surfaces prevent the cable clamp from separating when installing the mounting screw.
- Easily guide and locate wires and cables.
- Designed with rounded edges to prevent chaffing and cutting wire insulation.

MOUNTING HOLE DIAMETER		SCREW SIZE	PART DIMENSION A		PART NO.		DESCRIPTION
in.	mm.		in.	mm.	Black	Natural	
.390″ (9,9 mm) Wide, .04″ (1,0 mm) Thick							
.187	4,7	10	.125	3,2	**13050B**	**13050**	CCSA 1/8
			.187	4,7	**13051B**	**13051**	CCSA 3/16
			.250	6,3	**13052B**	**13052**	CCSA 1/4
			.312	7,9	**13053B**	**13053**	CCSA 5/16
			.375	9,5	**13054B**	**13054**	CCSA 3/8
			.500	12,7	**13056B**	**13056**	CCSA 1/2*
.500″ (12,7 mm) Wide, .06″ (1,5 mm) Thick							
.187	4,7	10	.625	15,9	**13058B**	**13058**	CCSA 5/8
			.750	19,1	**13060B**	**13060**	CCSA 3/4
			1.000	25,4	**13062B**	**13062**	CCSA 1

Standard colors black and natural.

*.06″ (1,5 mm) Thick





CCSA Series

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

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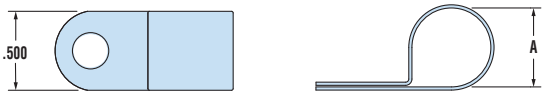
Heyco® Stainless Steel Cable Clamps

PART DIMENSION A		STANDARD		COATED	
		PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
in.	mm.				
P Clamp Style					
.25	6,3	**S3374**	CC H 1/4 SS	**S3324**	CC H 1/4 SS Coated
.38	9,5	**S3376**	CC H 3/8 SS	**S3326**	CC H 3/8 SS Coated
.50	12,7	**S3378**	CC H 1/2 SS	**S3328**	CC H 1/2 SS Coated
.63	15,9	**S3380**	CC H 5/8 SS	**S3330**	CC H 5/8 SS Coated
.75	19,1	**S3382**	CC H 3/4 SS	**S3332**	CC H 3/4 SS Coated
.88	22,2	**S3384**	CC H 7/8 SS	**S3334**	CC H 7/8 SS Coated

Consult Heyco for additional sizes.



- For clamping cable or tubing securely into place, especially in **harsh environments**.
- Smooth "coined clamp" edges prevent damage to cable insulation.
- Constructed from corrosion resistant 304 stainless steel.
- Coated parts are constructed from 304 stainless steel and coated with polyolefin a thermoplastic co-polymer.
- Coating provides a durable non-toxic, odorless coating that has very good low temperature flexibility and excellent electrical properties. This coating also has **FDA food contact** approval.
- All parts require a .203˝ (5,2 mm) mounting hole suitable for a #10 screw.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

Heyco® Vinyl Coated Steel Clamps

ALL NEW PRODUCTS!

Screw Mount

PART NO. Black	DESCRIPTION	PART DIMENSIONS									
		A Overall Length		B Flange Diameter		C Arm Width		D Mounting Hole Dia.		Coating Length	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
12067	VCSC 087-18	.87	22,1	.32	8,1	.18	4,6	.18	4,6	.47	11,9
12068	VCSC 110-12	1.10	27,9	.32	8,1	.12	3,0	.12	3,0	.71	18,0
12069	VCSC 134-12	1.34	34,0	.24	6,1	.08	2,0	.12	3,0	.94	23,9
12070	VCSC 137-14	1.38	35,1	.32	8,1	.20	5,1	.14	3,6	.98	24,9
12071	VCSC 157-14	1.57	39,9	.32	8,1	.12	3,0	.14	3,6	1.18	30,0
12072	VCSC 177-17	1.77	45,0	.35	8,9	.16	4,1	.17	4,3	1.38	35,1
12073	VCSC 189-12	1.89	48,0	.24	6,1	.08	2,0	.12	3,0	1.57	39,9
12074	VCSC 213-13	2.13	54,1	.24	6,1	.14	3,6	.13	3,3	1.81	46,0
12075	VCSC 213-18	2.13	54,1	.32	8,1	.19	4,8	.18	4,6	1.65	41,9
12076	VCSC 252-17	2.52	64,0	.32	8,1	.20	5,1	.17	4,3	2.09	53,1
12077	VCSC 260-13	2.60	66,0	.31	7,9	.18	4,6	.13	3,3	2.17	55,1
12078	VCSC 299-18	2.99	75,9	.32	8,1	.18	4,6	.18	4,6	2.56	65,0
12079	VCSC 299-28	2.99	75,9	.43	10,9	.20	5,1	.28	7,1	2.44	62,0
12080	VCSC 331-18	3.31	84,1	.32	8,1	.18	4,6	.18	4,6	2.83	71,9
12081	VCSC 496-18	4.96	126,0	.32	8,1	.24	6,1	.18	4,6	4.41	112,0

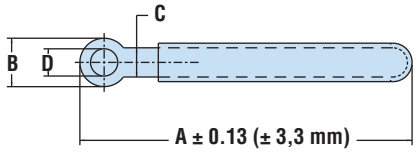
Adhesive Back Mount

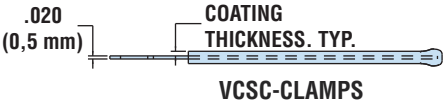
PART NO. White	DESCRIPTION	PART DIMENSIONS							
		A Arm Length		B Arm Width		C Base Width		D Base Length	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.
12082	VCSC 71-08A	.71	18,0	.08	2,0	.31	7,9	.35	8,9
12083	VCSC 98-14A	.98	24,9	.14	3,6	.55	14,0	.55	14,0
12084	VCSC 157-16A	1.57	39,9	.16	4,1	.75	19,1	.79	20,1

	CC H
Material	304 Stainless Steel

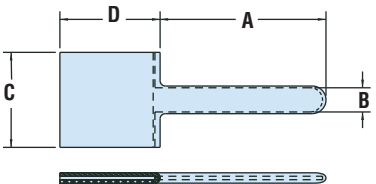
	VCSC
Material	Body: Soft steel, electrogalvanized .02" (0,5 mm) thick Coating: Soft, PVC, .032" (0,8 mm) minimum thickness

- Flexible soft steel easily bends and forms to desired shape and holding diameter.
- Vinyl coating both grips and insulates the cable or wire bundle.





VCSC-CLAMPS



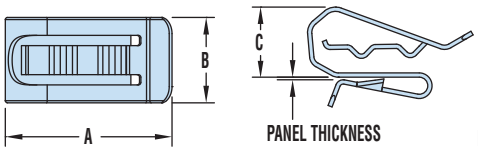
DOUBLE SIDED FOAM TAPE.

VCSC-A CLAMPS

HEYClip™ SunRunner® Cable Clip

- Robust double-compression design securely holds 1 or 2 cables from .20˝ (5,1 mm) to .30˝ (7,6 mm) in diameter.
- May be used wherever single or multiple cable management is needed.
- Smooth clip edges prevent damage to cable insulation.
- Locking tabs securely fasten clips to panels.
- Generous lead-in for installation without tools.
- Screwdriver slot for easy removal or movement of clips if necessary.
- Neatly dresses cables on panels, frames or along mounting channels.
- Fits panels up to .125" (3,2 mm) thick.
- Constructed from corrosion resistant 304 stainless steel.
- 316 stainless steel now available for marine and other harsh environments.
- SunRunner EZ designed for thicker panels - up to .250" (6,4 mm) thick.
- DFARS Compliant

PANEL THICKNESS CLAMPING RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	WIRE DIA. RANGE Maximum (2) Wires	PART NO. 304 Stainless	PART NO. 316 Stainless	DESCRIPTION	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
Double-Compression Design for panels up to .125˝ (3,2 mm) thick											
.06	1,4	.13	3,2	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	**S6405**	**S6490**	SunRunner 100 Pack	.97 x .50	24,6 x 12,7	.39	9,9
					S6445	**S6495**	SunRunner Bulk				



SunRunner® (above) **SunRunner® EZ (below)**

SunRunner® EZ with (optional) SunBundler (page 56) looped through slot

HEYClip™ SunRunner® EZ™ Cable Clip

PANEL THICKNESS CLAMPING RANGE Minimum in.	Minimum mm.	Maximum in.	Maximum mm.	WIRE DIA. RANGE Maximum (2) Wires	PART NO. 304 Stainless	DESCRIPTION	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
Double-Compression Design for panels up to .250˝ (6,4 mm) thick										
.09	2,3	.25	6,4	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	**S6407**	SunRunner® EZ 100 Pack	.97 x .50	24,6 x 12,7	.41	10,4
					S6447	SunRunner® EZ Bulk				

Quick Specs

Material .025˝ thick 304 or 316 stainless steel

Certifications c UL us Certified by UL for compliance with both Canadian and US Requirements under File E54523

Temperature Range -40°F (-40°C) to 572°F (300°C)

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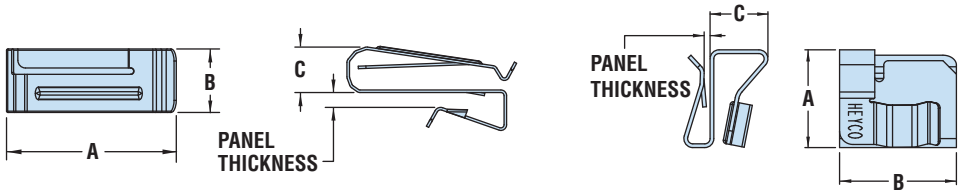
HEYClip™ SunRunner 4™ Cable Clip

PANEL THICKNESS CLAMPING RANGE Minimum in.	mm.	Maximum in.	mm.	WIRE DIA. RANGE Maximum (4) Wires	PART NO.	DESCRIPTION	FOOTPRINT A x B in.	mm.	OVERALL HEIGHT C in.	mm.
Double-Compression Design for panels up to .250˝ (6,4 mm) thick										
.13	3,2	.25	6,4	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	**S6400**	SunRunner 4™ 100 Pack	1.34 x .50	34,0 x 12,7	.36	9,1
					S6440	SunRunner 4™ Bulk				

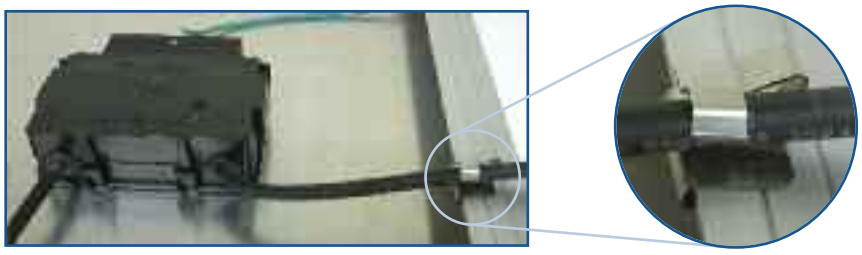


SunRunner 4™ **SunRunner® 90°**

- Designed to hold up to (4) .20" (5,1 mm) to .30" (7,6 mm) diameter cables.
- May be used whenever multiple cable management is needed.
- Smooth clip edges prevent damage to cable insulation.
- SunRunner 4 Cable Clip is designed to accommodate panels up to .250" (6,4 mm) thick.
- Constructed from heat treated 410 stainless steel for excellent strength and corrosion protection for outdoor exposure.
- DFARS Compliant

HEYClip™ SunRunner® 90° Cable Clip

PANEL THICKNESS CLAMPING RANGE Minimum in.	mm.	Maximum in.	mm.	WIRE DIA. RANGE Maximum (1) Wire	PART NO.	DESCRIPTION	FOOTPRINT A x B in.	mm.	OVERALL HEIGHT C in.	mm.
Double-Compression, Right Angle Design for panels up to .125˝ (3,2 mm) thick										
.06	1,4	.13	3,2	.20˝ (5,1 mm)-.30˝ (7,6 mm) each cable	**S6406**	SunRunner 90° 100 Pack	.65 x .78	16,5 x 19,8	.39	9,9
					S6446	SunRunner 90° Bulk				



- SunRunner 90° Cable Clip is **designed to mount at a 90° angle** to the original SunRunner. The SunRunner 90° will accommodate a single cable from .20˝ (5,1 mm) to .30˝ (7,6 mm).
- SunRunner 90° is designed for use with PV modules mounted in the landscape mode. PV modules with shorter than normal junction box cables cannot be dressed out to the sides of the module. The SunRunner 90° will allow the junction box cables to be run to the adjacent modules across the short side of the PV module frame.
- DFARS Compliant

Material	SunRunner 4 – .020˝ thick heat treated 410 stainless steel SunRunner 90° – .025˝ thick 304 stainless steel
Certifications c UL us	Certified by UL for compliance with both Canadian and US Requirements under File E54523 (SunRunner 90° only)

Quick Specs

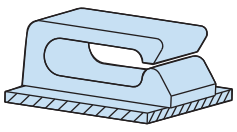
HEYClip™ Tension Wire Clips - Nylon

Adhesive-Back Mount

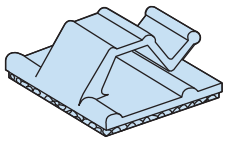
- **Gather and direct cables singly or in groups** smaller than those accommodated by other Heyco Wire Holders.
- Part No. 3639 (WCA-5) may also be screw mounted. #8 screws not included.
- Apply to a clean, dry surface.

WIRE CAPACITY		PART NO. Natural	DESCRIPTION	OVERALL HEIGHT		FOOTPRINT	
in.	mm.			in.	mm.	in.	mm.
Bundle Thickness x Width							
.33 x .11	8,4 x 2,8	**4218**	WC A-2	.25	6,4	.37 x .50	9,5 x 12,7
		4219	WC A-3	.25	6,4	.50 x .50	12,7 x 12,7
.13 x .25 x .50	3,2 x 6,4 x 12,7	**3638**	WC A-4	.25	6,4	.63 x .63	15,9 x 15,9
		3639	WC A-5	.28	7,1	1.00 x 1.13	25,4 x 28,6
Bundle Diameter							
.19	4,8	**3628**	WC A-42	.28	7,1	.61 x .61	15,5 x 15,5
.19	4,8	**3629**	WC A-43	.31	7,9	.63 x .63	15,9 x 15,9
.25	6,4	**3636**	WC A-44	.38	9,5		
.38	9,5	**3637**	WC A-46	.50	12,7	.75 x .75	19,1 x 19,1
.50	12.7	**3664**	WC A-47	.48	12,2	1.00 x 1.00	25,4 x 25,4
.75	19,1	**3665**	WC A-48	.65	16,5	.98 x 1.00	24,9 x 25,4

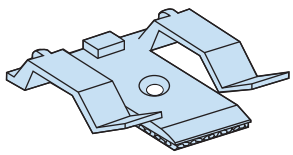
Standard color natural. For black color, consult Heyco.



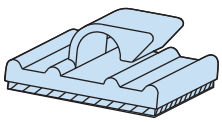
WC A-2 & WC A-3



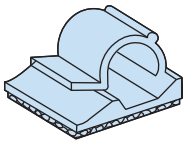
WC A-4



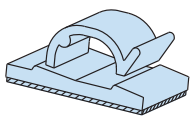
WC A-5



WC A-42



WC A-43 thru WC A-46



WC A-47 & WC A-48

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-20°F (-29°C) to 150°F (66°C)

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ALL NEW PRODUCTS!

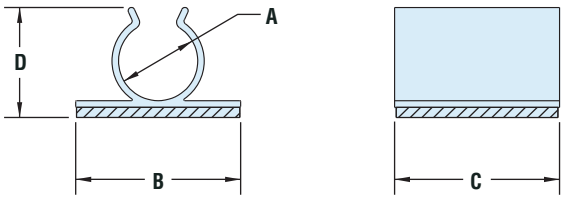
HEYClip™ Tension Wire Clips - Vinyl U Style

Adhesive-Back Mount

MAXIMUM BUNDLE DIAMETER A		PART NO. Gray	DESCRIPTION	OVERALL HEIGHT D*		FOOTPRINT** B x C	
in.	mm.			in.	mm.	in.	mm.
WCUA Series							
.13	3,2	**3335**	WCUA 125	.29	7,4		
.25	6,4	**3336**	WCUA 250	.47	11,9	.75 x .75	19,1 x 19,1
.38	9,5	**3337**	WCUA 375	.59	15,1		
.50	12,7	**3338**	WCUA 500	.61	15,5		
.56	14,3	**3339**	WCUA 562	.64	16,3	1.00 x 1.00	25,4 x 25,4
.75	19,1	**3341**	WCUA 750	.90	22,9		

Standard color gray.
* At maximum wire capacity.
** Custom lengths available by special order, consult Heyco.

- Manufactured from a general purpose PVC with an excellent NFPA fire and flame resistance rating.
- The compact design combined with a strong acrylic based adhesive provides a low cost means of routing a .250˝ (6,4 mm) diameter cable or tubing.



Material	PVC
Flammability Rating	94V-O
Temperature Range	-20°F (-29°C) to 150°F (66°C)

Quick Specs

HEYClip™ MaxRunner® Cable Clip Arrays

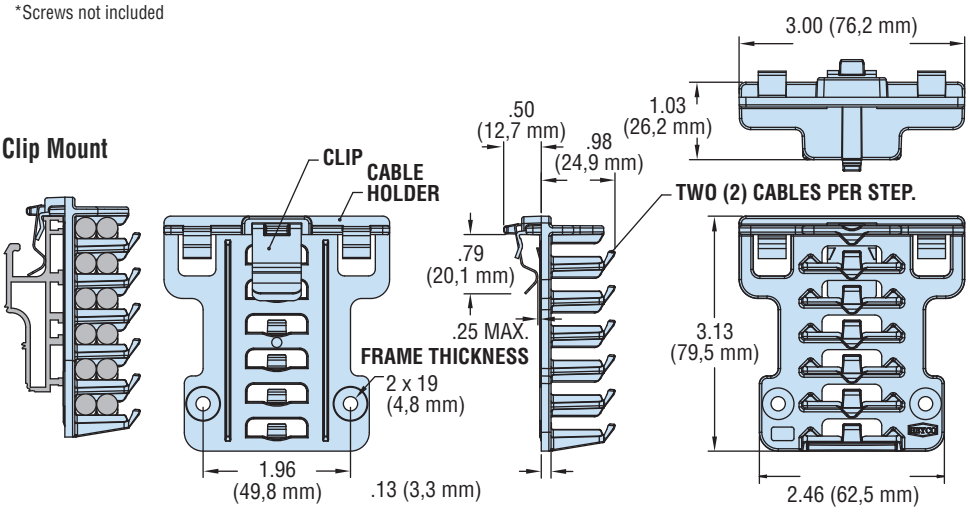
Clip Mount or Flush Mount with Screws, accommodates up to **12 Cables**

- **Hold up to 12 cables** with wire diameters ranging from .20˝ (5,2 mm) to .28˝ (7,2 mm).
- Patent Pending design is the ultimate multiple strand wire management.
- Molded internal locking tabs securely hold the cables in place preventing side-to-side movement or slippage of the cables.
- Constructed from PPE+PS flame retardant "Noryl" material with a V-0 flame rating and a UV (f1) rating for excellent resistance to outdoor exposure.
- **Clip Mount** features a versatile, 301 stainless steel mounting clip.
- Clip is designed to secure the holder to a wide variety of aluminum extruded mounting rails of various profiles with thicknesses up to .250" (6,4 mm).
- **Flush Mount** designed to mount on flat panels or extrusions without mounting ledges.
- Easily attaches to any flat surface with four mounting screws.

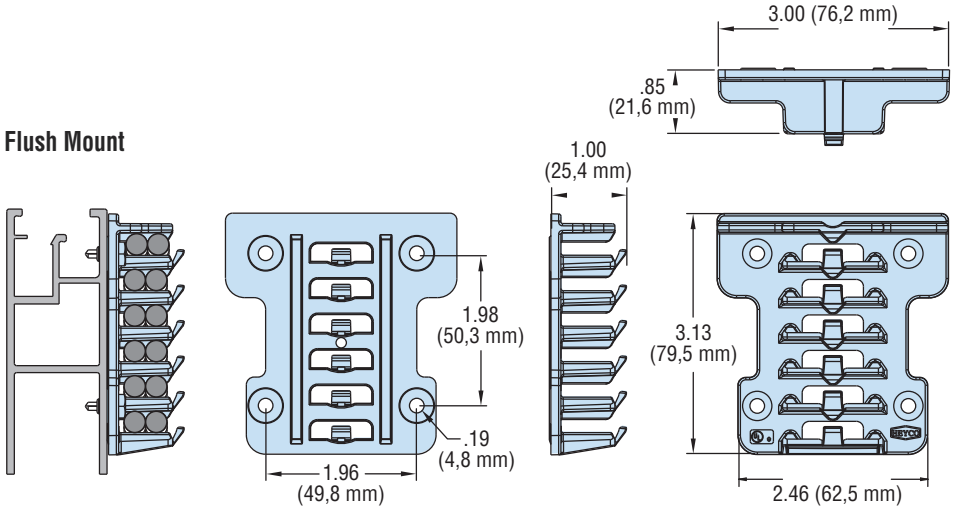
PANEL THICKNESS CLAMPING RANGE Minimum		Maximum		WIRE DIA. RANGE Maximum (12) Wires		PART NO.	DESCRIPTION	FOOTPRINT		OVERALL HEIGHT	
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
Clip Mount											
.06	1,5	.25	6,4	.20 - .28	5,2 - 7,2	**S6403**	MaxRunner 12 Clip Mount	3.00 x 3.13	76,2 - 79,5	.98	24,9
Flush Mount*											
N/A: designed for flat mount				.20 - .28	5,2 - 7,2	**S6433**	MaxRunner 12 Flush Mount	3.00 x 3.13	76,2 - 79,5	1.00	25,4

*Screws not included

Clip Mount



Flush Mount



Quick Specs

Materials		PPE & PS Noryl (Clip Mount includes a 301 stainless steel mounting clip)
Certifications	c UL us	Certified by UL for Compliance with both Canadian and U.S. requirements under File E54523
Flammability Rating		94V-0
Temperature Range		-40°F (-40°C) to 203°F (95°C)

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HEYClip™ Wave Locks

Wave Locks - Standard

BUNDLE DIAMETER RANGE in.	BUNDLE DIAMETER RANGE mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
WL Series					
.13 - .15	3,2 - 3,8	**12085**	WL 125	.48	12,2
.16 - .24	4,1 - 6,1	**12086**	WL 200	.82	20,7
.20 - .30	5,1 - 7,6	**12087**	WL 250	.91	23,0
.30 - .40	7,6 - 10,2	**12088**	WL 350	1.03	26,2

Standard color natural.

- Part Description Key: WL XXX, where XXX = Average Bundle Diameter (inches).
- Barreled ends for greater holding power.
- Smooth rounded edges won't cut into cable's insulations - or installer's hand.
- Locking ends twist into place with fingertip pressure.

Wave Locks - Side Entry - Arrowhead Mount

BUNDLE DIAMETER RANGE in.	BUNDLE DIAMETER RANGE mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
WL-90 Series For .063" (1,6 mm) thick panels					
.50 - .60	12,7 - 15,2	**12094**	WLS 550-90	.90	22,8

Standard color natural. Natural 94V-0 material available, consult Heyco.

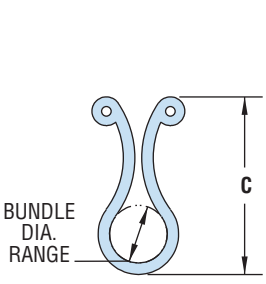
- Part Description Key: WLS XXX-90, where XXX = Average Bundle Diameter (inches).
- .187" (4,8 mm) diameter mounting hole.

Wave Locks - Adhesive Back Mount

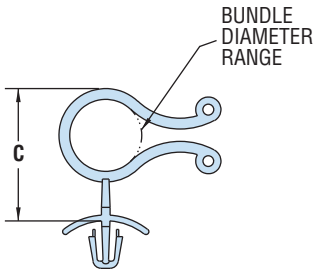
MAXIMUM BUNDLE DIAMETER in.	MAXIMUM BUNDLE DIAMETER mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
WL-A Series					
.30 - .40	7,6 - 10,2	**12096**	WL 350A	1.10	27,9
.40 - .50	10,2 - 12,7	**12097**	WL 450A	1.26	32,0
.70 - .80	17,8 - 20,3	**12098**	WL 750A	1.61	40,9

Standard color natural.

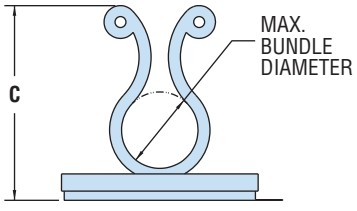
- Part Description Key: WL XXXA, where XXX = Average Bundle Diameter (inches).



Wave Locks-Standard



Wave Locks-Arrowhead



Wave Locks-Adhesive

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) 185°F (85°C)

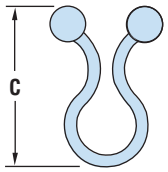
HEYClip™ Lockit™ Loops

Standard Loops

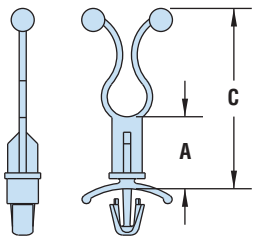
- **Barreled ends for greater holding power**.
- Smooth, rounded edges ensure that Lockit Clips won't cut into cable's insulation–or the installer's hand.
- Releasable and reusable loops for easy wire bundling.
- Locking ends twist into place with fingertip pressure.
- Part Description Key: LL XXX, where XXX = Maximum Bundle Diameter (inches).

MAXIMUM BUNDLE DIAMETER in.	MAXIMUM BUNDLE DIAMETER mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.
LL Series					
.25	6,4	**3793**	LL 250	.84	21,2
.38	9,5	**3795**	LL 375	1.02	25,9
.50	12,7	**3797**	LL 500	1.20	30,4
.75	19,1	**3799**	LL 750	1.45	36,8

Standard color natural.



- Part Description Key (part numbers **4155** thru **4172** only): PMLL XX-YY, where XX = Maximum Bundle Diameter (inches) and YY = Height Above Panel (inches).



ALL NEW PRODUCTS!

Standoff Loops - Arrowhead Mount

MAXIMUM BUNDLE DIAMETER in.	MAXIMUM BUNDLE DIAMETER mm.	PART NO. Natural	DESCRIPTION	SPACER HEIGHT A in.	SPACER HEIGHT A mm.	OVERALL LENGTH ABOVE PANEL C in.	OVERALL LENGTH ABOVE PANEL C mm.	MOUNTING HOLE in.	MOUNTING HOLE mm.
PMLL Series For Panels from .03" (0,8 mm) - .08" (2,0 mm) thick									
.28	7,0	**4155**	PMLL 28-19	.19	4,8	.94	23,9	.236	6,0
		4156	PMLL 28-50	.50	12,7	1.25	31,8		
		4157	PMLL 28-75	.75	19,1	1.50	38,2		
		4158	PMLL 28-100	1.00	25,4	1.75	44,5		
.39	10,0	**4160**	PMLL 39-19	.19	4,8	1.10	27,9		
		4161	PMLL 39-50	.50	12,7	1.41	35,8		
		4162	PMLL 39-75	.75	19,1	1.66	42,2		
		4163	PMLL 39-100	1.00	25,4	1.91	48,5		
.50	12,5	**4165**	PMLL 50-19	.19	4,8	1.28	32,5		
		4166	PMLL 50-50	.50	12,7	1.59	40,4		
		4167	PMLL 50-75	.75	19,1	1.84	46,8		
		4168	PMLL 50-100	1.00	25,4	2.09	53,1		
.59	15,0	**4170**	PMLL 59-19	.19	4,8	1.47	37,2		
		4171	PMLL 59-50	.50	12,7	1.78	45,2		
		4172	PMLL 59-75	.75	19,1	2.03	51,6		
		4173	PMLL 59-100	1.00	25,4	2.28	57,9		
For Panels up to .09" (2,4 mm) thick									
.25	6,4	**3778**	PMLL 250	.14	3,6	.93	23,6	.185	4,7
.38	9,5	**3779**	PMLL 375			1.11	28,2		
.50	12,7	**3780**	PMLL 500			1.26	32,0		
.75	19,1	**3782**	PMLL 750			1.55	39,4		
For Panels up to .06" (1,5 mm) thick									
1.00	25,4	**3796**	PMLL 1000	.14	3,6	2.22	56,4	.250	6,4

Standard color natural.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

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ALL NEW PRODUCTS!

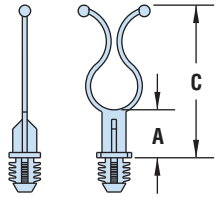
HEYClip™ Lockit™ Loops and Clips

Standoff Loops - Blind Mount

MAXIMUM BUNDLE DIAMETER		PART NO. Natural	DESCRIPTION	SPACER HEIGHT A		OVERALL LENGTH ABOVE PANEL C		MOUNTING HOLE DIAMETER	
in.	mm.			in.	mm.	in.	mm.	in.	mm.
BMLL Series		For .25" (6,4 mm) *Minimum* Thickness Panels							
.28	7,0	**4052**	BMLL 28-19	.19	4,8	.94	23,9	.312	7,9
		4053	BMLL 28-50	.50	12,7	1.25	31,8		
		4260	BMLL 28-75	.75	19,1	1.50	38,2		
.39	10,0	**4056**	BMLL 39-19	.19	4,8	1.10	27,9		
		4057	BMLL 39-50	.50	12,7	1.41	35,8		
		4261	BMLL 39-75	.75	19,1	1.66	42,2		
.50	12,5	**4175**	BMLL 50-19	.19	4,8	1.28	32,5		
		4176	BMLL 50-50	.50	12,7	1.59	40,4		
		4177	BMLL 50-75	.75	19,1	1.84	46,8		
.59	15,0	**4180**	BMLL 59-19	.19	4,8	1.47	37,3		
		4181	BMLL 59-50	.50	12,7	1.78	45,2		
		4182	BMLL 59-75	.75	19,1	2.03	51,6		

Standard color natural.

- Part Description Key: BMLL XX-YY, where XX = Maximum Bundle Diameter (inches) and YY = Height Above Panel (inches).

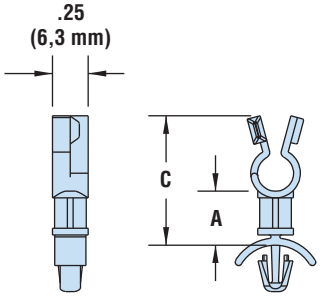


Standoff Lockit™ Clips - Arrowhead Mount

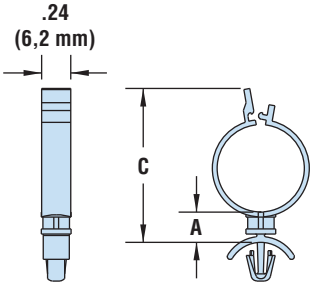
MAXIMUM BUNDLE DIAMETER		PART NO. Natural	DESCRIPTION	SPACER HEIGHT A		OVERALL LENGTH ABOVE PANEL C		MOUNTING HOLE DIAMETER		STYLE
in.	mm.			in.	mm.	in.	mm.	in.	mm.	
PMLC Series		For Panels up to .06" (1,6 mm) thick								
.25	6,4	**4185**	PMLC 25-19	.19	4,8	.72	18,3	.187	4,8	1
		4186	PMLC 25-25	.25	6,4	.78	19,9			
		4187	PMLC 25-37	.37	9,5	.91	23,0			
		4188	PMLC 25-50	.50	12,7	1.03	26,2			
		4189	PMLC 25-63	.63	15,9	1.16	29,4			
		4190	PMLC 25-100	1.00	25,4	1.53	39,9			
For Panels from .03" (0,8 mm) - .08" (2,0 mm) thick										
.47	11,9	**4345**	PMLC 50-19	.19	4,8	.96	24,4	.187	4,8	2
		4346	PMLC 50-25	.25	6,4	1.02	26,0			
		4347	PMLC 50-37	.37	9,5	1.15	29,1			
		4348	PMLC 50-50	.50	12,7	1.27	32,3			
.73	18,5	**4191**	PMLC 73-19	.19	4,8	1.22	30,9			
		4192	PMLC 73-25	.25	6,4	1.28	32,5			
		4193	PMLC 73-37	.37	9,5	1.40	35,6			
		4194	PMLC 73-50	.50	12,7	1.53	38,8			
For Panels from .08" (2,0 mm) - .16" (4,0 mm) thick										
.47	11,9	**4366**	PMLC 50-19-1	.19	4,8	.96	24,4	.187	4,8	2
		4367	PMLC 50-25-1	.25	6,4	1.02	26,0			
		4368	PMLC 50-37-1	.37	9,5	1.15	29,1			
		4369	PMLC 50-50-1	.50	12,7	1.27	32,3			
.73	18,5	**4195**	PMLC 73-19-1	.19	4,8	1.22	30,9			
		4196	PMLC 73-25-1	.25	6,4	1.28	32,5			
		4197	PMLC 73-37-1	.37	9,5	1.40	35,6			
		4198	PMLC 73-50-1	.50	12,7	1.53	38,8			

Standard color natural.

- Locking ends click into place.
- Part Description Key: PMLC XX-YY, where XX = Maximum Bundle Diameter (inches) and YY = Height Above Panel (inches).



Style 1



Style 2

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

HEYClip™ Locking Releasable Wire Clips - Arrowhead Mount

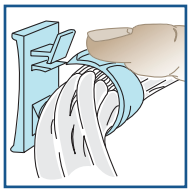
- Push mount design allows for fast installation.
- Releasable and reusable wire clip.
- Bayonet design allows from .02″ (0,5 mm) panel thickness to .15″ (3,8 mm).
- Bayonet snap locks into a .250″ (6,3 mm) hole and will hold a 25 pound continuous load or a 50 pound impact load.
- Multiple sizes available for bundles from .19″ (4,7 mm) to 1.00″ (25,4 mm).

MAXIMUM BUNDLE DIAMETER		PART NO.		DESCRIPTION	FOOTPRINT A x B		OVERALL HEIGHT C		CLAMP WIDTH D		MOUNTING HOLE DIA.	
in.	mm.	Gray	Black		in.	mm.	in.	mm.	in.	mm.	in.	mm.
PMWC Series For Panels .02″ (0,5 mm) to .08″ (2,0 mm) thick												
.19	4,7	**3845**	**3870**	PMWC 187-20	.54 x 1.01	13,7 x 25,7	.39	9,9	.38	9,7	.250	6,4
.25	6,4	**3846**	**3871**	PMWC 250-20	.58 x 1.01	14,7 x 25,7	.45	11,4	.41	10,4		
.38	9,5	**3847**	**3872**	PMWC 375-20	.65 x 1.01	16,5 x 25,7	.53	13,5	.50	12,7		
.50	12,7	**3848**	**3906**	PMWC 500-20	.75 x 1.20	19,1 x 30,5	.73	18,5	.59	15,0		
.75	19,1	**3849**	**3908**	PMWC 750-20	.88 x 1.38	22,4 x 35,1	.99	25,1	.67	17,0		
1.00	25,4	**3853**	**3909**	PMWC 1000-20	1.37 x 1.88	34,8 x 47,8	1.35	34,3	.99	25,1		
For Panels .09″ (2,3 mm) to .15″ (3,8 mm) thick												
.19	4,7	**3880**	**3910**	PMWC 187-90	.54 x 1.01	13,7 x 25,7	.39	9,9	.38	9,7	.250	6,4
.25	6,4	**3881**	**3912**	PMWC 250-90	.58 x 1.01	14,7 x 25,7	.45	11,4	.41	10,4		
.38	9,5	**3882**	**3913**	PMWC 375-90	.65 x 1.01	16,5 x 25,7	.53	13,5	.50	12,7		
.50	12,7	**3883**	**3914**	PMWC 500-90	.75 x 1.20	19,1 x 30,5	.73	18,5	.59	15,0		
.75	19,1	**3884**	**3915**	PMWC 750-90	.88 x 1.38	22,4 x 35,1	.99	25,1	.67	17,0		
1.00	25,4	**3885**	**3916**	PMWC 1000-90	1.37 x 1.88	34,8 x 47,8	1.35	34,3	.99	25,1		

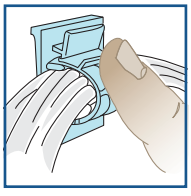
Standard color gray or black.

Arrowhead Mount Instructions

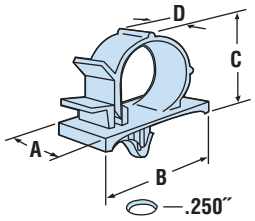
Simply insert base of clip into .250″ diameter hole.

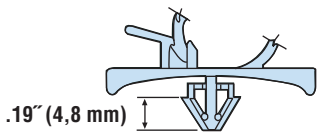


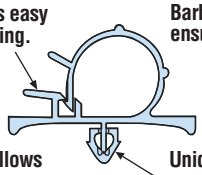
HEYClip opens easily for access to bundle.



Unique lock/release feature operates easily and locks securely. When closed, HEYClip will not open until tab is released.







Release tab provides easy opening without forcing.

Barbed locking element ensures reliable retention.

Quick lock/release allows fast lock-up and easy access to wire bundle.

Unique design of push mount permits fast installation and provides high pull-out resistance.

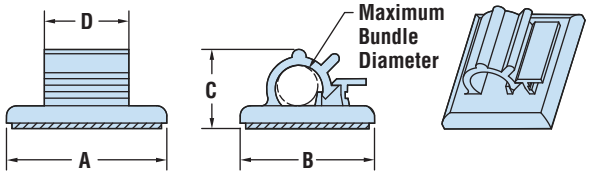
Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C) - Gray 32°F (0°C) to 221°F (105°C) - Black

HEYClip™ Locking Releasable Wire Clips - Adhesive-Back Mount

MAXIMUM BUNDLE DIAMETER		RATED STATIC LOAD	PART NO. Adhesive			DESCRIPTION	FOOTPRINT A x B		OVERALL HEIGHT C		CLAMP WIDTH D	
			Standard		Super							
in.	mm.	lb.	Gray	Black	Black		in.	mm.	in.	mm.	in.	mm.
WCA Series												
.19	4,7	1/2	**3857**	**3917**	-	WCA 187-500	.74 x .62	18,8 x 15,7	.34	8,6	.39	9,9
.25	6,4	3/4	**3858**	**3918**	**3918A**	WCA 250-750	1.00 x .87	25,4 x 22,1	.42	10,7	.63	16,0
.38	9,5	1	**3859**	**3919**	**3919A**	WCA 375-1000	1.00 x 1.00	25,4 x 25,4	.50	12,7		
.50	12,7	1-1/4	**3860**	**3920**	**3920A**	WCA 500-1250	1.00 x 1.21	25,4 x 30,7	.68	17,3	.64	16,3
.75	19,1	1-3/4	**3861**	**3921**	-	WCA 750-1750	1.15 x 1.45	29,2 x 36,8	.99	25,1		
1.00	25,4	4	**3867**	**3923**	-	WCA1000-4000	1.98 x 2.24	50,3 x 56,9	1.37	34,8	1.26	32,0
1.50	38,1	6	**3868**	**3930**	-	WCA 1500-6000	2.42 x 2.95	61,5 x 74,9	1.77	45,0	1.31	33,3

Standard color gray or black. Super duty adhesive backing available as shown.



- Adhesive backing on part has a tab for easy removal.
- Releasable and reusable clips for easy wire bundle routing.
- Quick and easy installation–simply peel off backing and press into place.
- Multiple sizes for bundles from .19″ (4,7 mm) to 1.50″ (38,1 mm) in diameter.
- Static Loads pertain to parts fastened to a flat, clean, and dry surface.
- Three sizes in Super Adhesive Black.

HEYClip™ Locking Releasable Wire Clips - Adjustable

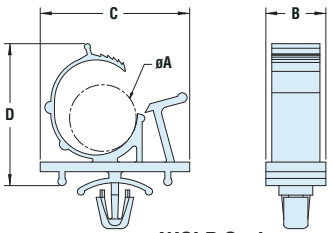
ALL NEW PRODUCTS!

MAXIMUM BUNDLE DIAMETER RANGE A				PART NO.	DESCRIPTION	OVERALL HEIGHT D *		FOOTPRINT B x C	
Mimimum		Maximum		Natural					
in.	mm.	in.	mm.			in.	mm.	in.	mm.
WCLP Series - Arrowhead Mount									
.47	11,9	.55	14,0	**4335**	WCLP 562	1.17	29,8	.50 x 1.24	12,7 x 31,5
.58	14,7	.75	19,1	**4336**	WCLP 750	1.36	34,5	.50 x 1.48	12,7 x 37,6
WCLA Series - Adhesive Mount**									
.22	5,5	.26	6,5	**4323**	WCLA 258	.74	18,8	.65 x .85	16,5 x 21,6
.31	7,9	.41	10,3	**4324**	WCLA 406	.90	22,8	.75 x 1.00	19,1 x 25,4
.47	11,9	.56	14,3	**4325**	WCLA 562	1.12	28,5	.75 x 1.24	19,1 x 31,5
.58	14,7	.75	19,1	**4326**	WCLA 750	1.32	33,6	.75 x 1.50	19,1 x 38,1
.87	22,2	1.00	25,4	**4327**	WCLA 1000	1.78	45,3	1.00 x 1.97	25,4 x 50,1

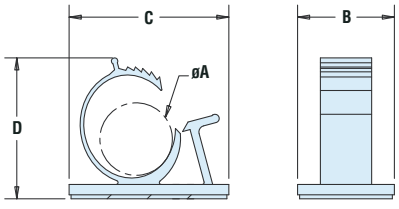
Standard color natural. *At maximum wire capacity. **Adhesive-Back is 1/16″ (1,6 mm) thick.

WCLP Series:
- Gather and route wires.
- Adjust to diameter needed to bundle.
- Push mount design allows for fast installation.

WCLA Series:
- Lock securely and easily. Re-open for routing changes.
- Ratcheting clip holds bundle securely in place.
- Good for high vibration applications. Once closed the clip will not open until tab is released.



WCLP Series



WCLA Series

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-20°F (-29°C) to 150°F (66°C) (Adhesive-Back) -40°F (-40°C) to 185°F (85°C) (Adjustable)

Quick Specs

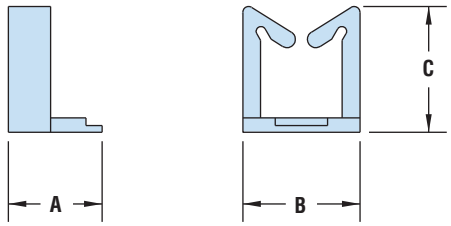
ALL NEW PRODUCTS!

HEYClip™ Cable Holders - Snap Rivet Mount

- Designed to mount easily on panel with push rivet (see table) or a #6 screw.
- Allows mounting to a wide range of panel thicknesses.
- See Quick Specs on page 7-49.

WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.
Top Entry - Regular Gate									
.44 x .17	x 4,3	**12025**	CHSR R-11	.45	11,4	.49 x .61	12,4 x 15,5	.144	3,7
.44 x .36	x 9,1	**12026**	CHSR R-16	.64	16,3				
.44 x .73	11,1 x 18,5	**12027**	CHSR R-25	1.00	18,5				
.44 x 1.04	x 26,4	**12028**	CHSR R-33	1.31	26,4				

Standard color natural.



Rivet Table for CHSR			
PART NO. Black	DESCRIPTION	PANEL THICKNESS in.	PANEL THICKNESS mm.
9044	PR 142-047 BLACK	.01-.05	0,3-1,2
9046	PR 142-083 BLACK	.05-.08	1,2-2,1
9048	PR 142-106 BLACK	.07-.11	1,8-2,7
9050	PR 142-118 BLACK	.08-.12	2,1-3,0
9052	PR 142-146 BLACK	.11-.14	2,8-3,7
9054	PR 142-177 BLACK	.14-.18	3,6-4,6
9056	PR 142-217 BLACK	.18-.22	4,6-5,6

HEYClip™ Cable Holders - Two Prong Mount

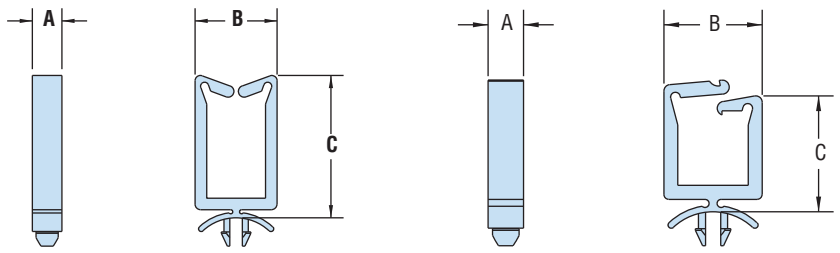
For panels up to .063" (1,6 mm) thick

- Gather and direct single or bundles of cable at low cost.
- **Two orientations:**
  1. Vertical for **Top Entry** and narrow width.
  2. Horizontal for **Side Entry** and low height where clearance is a problem.
- **Two gate types:**
  1. Regular gate secures cables with tension alone.
  2. Latch gate locks cables in place.

  Both types install with fingertip pressure into a 3/16" (4,8 mm) diameter mounting hole.
- Part Description Key: CH X-Y-Z, where R = Regular Gate, L = Latch Gate, Y = Overall Height (mm) and P indicates the Split Prong mounting design.
- See Quick Specs on page 7-49.

WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE DIAMETER in.	MOUNTING HOLE DIAMETER mm.
Top Entry - Regular Gate									
.44 x .19	x 4,8	**4337**	CH R-13-P	.51	13,0	.22 x .61	5,6 x 15,5	.187	4,8
.44 x .38	x 9,7	**4338**	CH R-18-P	.71	18,0				
.44 x .74	11,1 x 18,8	**4339**	CH R-27-P	1.06	26,9				
.44 x 1.05	x 26,7	**4340**	CH R-35-P	1.37	34,8				
Top Entry - Latch Gate									
.44 x .14	x 3,6	**4341**	CH L-13-P	.51	13,0	.22 x .61	5,6 x 15,5	.187	4,8
.44 x .33	x 8,4	**4342**	CH L-18-P	.71	18,0				
.44 x .69	11,1 x 17,5	**4343**	CH L-27-P	1.06	27,0				
.44 x 1.00	x 25,4	**4344**	CH L-35-P	1.37	34,8				

Standard color natural. Flame retardant UL 94V-0 material available, consult Heyco.



Regular Gate **Latch Gate**

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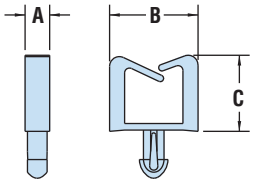
ALL NEW PRODUCTS!

HEYClip™ Shorty Cable Holders - Arrowhead Mount

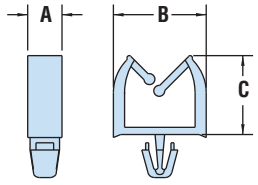
WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural 94V-2	PART NO. Natural 94V-0	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE DIA. in.	MOUNTING HOLE DIA. mm.	STYLE
MH1,7 Series For Panels up to .063˝ (1,6 mm) thick											
.19 x .04	4,8 x 0,9	**4245**	-	CHRS 41-1 †	.16	4,1	.08x.28	2,0x7,0	.067	1,7	3
MH1,8 Series For Panels up to .063˝ (1,6 mm) thick											
.17 x .12	4,3 x 3,0	**4222**	**4222F**	CHRS 58-1	.23	5,8	.07 x .27	1,9 x 6,9	.071	1,8	1
x .33	x 8,5	**4223**	**4223F**	CHRS 112-1	.44	11,2					
For Panels up to .090˝ (2,3 mm) thick											
.17 x .12	4,3 x 3,0	**4224**	**4224F**	CHRS 58-2	.23	5,8	.07 x .27	1,9 x 6,9	.071	1,8	1
x .33	x 8,5	**4225**	**4225F**	CHRS 112-2	.44	11,2					
MH3,0 Series For Panels up to .063˝ (1,6 mm) thick											
.16 x .25	4,1 x 6,4	**3660**	-	CHRS 1	.29	7,4	.17 x .36	4,3 x 9,1	.118	3,0	2
.26 x .12	6,6 x 3,0	**4226**	**4226F**	CHRS 73-1	.29	7,3	.16 x .36	4,0 x 9,1*			
.32 x .16	8,1 x 3,9	**4227**	**4227F**	CHRS 91-1	.36	9,1	.16 x .43	4,0 x 10,8			
.36 x .24	9,1 x 6,0	**4228**	**4228F**	CHRS 112-1	.44	11,2	.16 x .47	4,0 x 12,0			
x .30	x 7,7	**4229**	**4229F**	CHRS 130-1	.51	13,0					
For Panels up to .100˝ (2,6 mm) thick											
.26 x .12	6,6 x 3,0	**4230**	**4230F**	CHRS 73-2	.29	7,3	.16 x .36	4,0 x 9,1*	.118	3,0	2
.32 x .16	8,1 x 3,9	**4231**	**4231F**	CHRS 91-2	.36	9,1	.16 x .43	4,0 x 10,8			
.36 x .24	9,1 x 6,0	**4232**	**4232F**	CHRS 112-2	.44	11,2	.16 x .47	4,0 x 12,0			
x .30	x 7,7	**4233**	**4233F**	CHRS 130-2	.51	13,0					
MH3,5 Series For Panels up to .063˝ (1,6 mm) thick											
.16 x .25	4,1 x 6,4	**3661**	-	CHRS 2	.29	7,4	.17 x .36	4,3 x 9,1	.138	3,5	2
x .35	x 8,9	**3662**	-	CHRS 3	.45	11,4	.17 x .48	4,3 x 12,2			
.26 x .12	6,6 x 3,0	**4234**	**4234F**	CHRS 73-1-2	.29	7,3	.16 x .36	4,0 x 9,1*			
.32 x .16	8,1 x 3,9	**4235**	**4235F**	CHRS 91-1-2	.36	9,1	.16 x .43	4,0 x 10,8			
.36 x .24	9,1 x 6,0	**4236**	**4236F**	CHRS 112-1-2	.44	11,2	.16 x .47	4,0 x 12,0			
x .30	x 7,7	**4237**	**4237F**	CHRS 130-1-2	.51	13,0					
For Panels up to .090˝ (2,3 mm) thick											
.26 x .12	6,6 x 3,0	**4238**	**4238F**	CHRS 73-2-2	.29	7,3	.16 x .36	4,0 x 9,1*	.138	3,5	2
.32 x .16	8,1 x 3,9	**4239**	**4239F**	CHRS 91-2-2	.36	9,1	.16 x .43	4,0 x 10,8			
.36 x .24	9,1 x 6,0	**4262**	**4262F**	CHRS 112-2-2	.44	11,2	.16 x .47	4,0 x 12,0			
x .30	x 7,7	**4263**	**4263F**	CHRS 130-2-2	.51	13,0					

Standard color natural 94V-2 and natural 94V-0.
† Two Prong mounting style.
*Features raised "bumps" on sides of part.

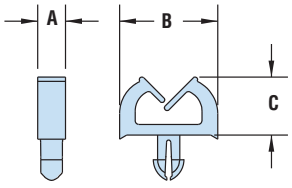
- Part Description Key: CHRS-X-Y-Z, where X = Overall Height (mm), Y = Mounting Panel Thickness (mm) and Z (if present) indicates a different Mounting Hole Dia.



Style 1



Style 2



Style 3

Material	Nylon 6/6
Certifications	Recognized under UL File E54523 - pending
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

Quick Specs

HEYClip™ Cable Holders - Arrowhead Mount

- Gather and direct single or bundles of cable at low cost.
- **Two orientations:**
  1. Vertical for **Top Entry** and narrow width.
  2. Horizontal for **Side Entry** and low height where clearance is a problem.
- **Two gate types:**
  1. Regular gate secures cables with tension alone.
  2. Latch gate locks cables in place.
- Both types install with fingertip pressure into a 3/16″ (4,8 mm) diameter mounting hole.

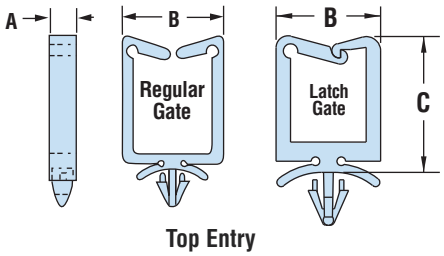
Top Entry: Part Description Key: CH X-Y-Z, where R = Regular Gate, L = Latch Gate, Y = Overall Height (mm), and Z, if present, distinguishes Panel Thickness.

Side Entry: Part Description Key: CH X-Y-Z, where R = Regular Gate, L = Latch Gate Y = Approximate Overall Length (mm), and Z is always 90 indicating a Side Entry part.

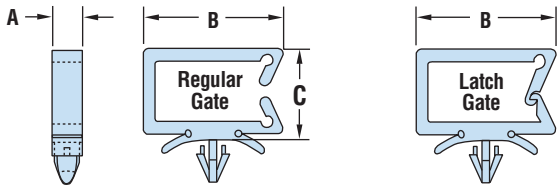
WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural	PART NO. Black	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE DIA. in.	MOUNTING HOLE DIA. mm.
Top Entry-Regular Gate For Panels up to .047″ (1,2 mm) thick										
.80 x .50	20,3 x 12,7	**3596**	-	CH R-20 *	.77	19,6	.22 x .93	5,5 x 23,6	.187	4,8
.80 x .85	20,3 x 21,6	**3597**	-	CH R-28 *	1.11	28,4				
For panels up to .078″ (1,9 mm) thick										
.44 x .19	11,1 x 4,8	**3600**	**3600B**	CH R-12	.48	12,2	.22 x .61	5,6 x 15,5	.187	4,8
.44 x .38	11,1 x 9,7	**3605**	**3605B**	CH R-18	.72	18,2				
.44 x .74	11,1 x 18,8	**3610**	**3610B**	CH R-27	1.06	27,0				
.44 x 1.05	11,1 x 26,7	**3615**	**3615B**	CH R-35	1.38	35,0				
For Panels up to .125″ (3,2 mm) thick										
.44 x .19	11,1 x 4,8	**3601**	**3601B**	CH R-13-3	.51	13,0	.22 x .61	5,6 x 15,5	.187	4,8
.44 x .38	11,1 x 9,7	**3606**	**3606B**	CH R-18-3	.71	18,0				
.44 x .74	11,1 x 18,8	**3611**	**3611B**	CH R-27-3	1.06	26,9				
.44 x 1.05	11,1 x 26,7	**3616**	**3616B**	CH R-35-3	1.37	34,8				
Top Entry-Latch Gate For Panels up to .078″ (1,9 mm) thick										
.44 x .14	11,1 x 3,6	**3620**	**3620B**	CH L-12	.48	12,2	.22 x .61	5,6 x 15,5	.187	4,8
.44 x .33	11,1 x 8,4	**3625**	**3625B**	CH L-18	.72	18,3				
.44 x .69	11,1 x 17,5	**3630**	**3630B**	CH L-27	1.07	27,2				
.44 x 1.00	11,1 x 25,4	**3635**	**3635B**	CH L-35	1.39	35,3				
For Panels up to .125″ (3,2 mm) thick										
.44 x .14	11,1 x 3,6	**3602**	**3602B**	CH L-13-3	.51	13,0	.22 x .61	5,6 x 15,5	.187	4,8
.44 x .33	11,1 x 8,4	**3607**	**3607B**	CH L-18-3	.71	18,0				
.44 x .69	11,1 x 17,5	**3612**	**3612B**	CH L-27-3	1.06	27,0				
.44 x 1.00	11,1 x 25,4	**3617**	**3617B**	CH L-35-3	1.38	35,0				
Side Entry-Regular Gate For Panels up to .063″ (1,6 mm) thick										
.19 x .42	4,8 x 10,7	**3618**	–	CH R-11-90	.42	10,7	.22 x .54	5,6 x 13,6	.187	4,8
For Panels up to .090″ (2,3mm) thick										
.44 x .75	11,1 x 19,1	**3652**	**3652B**	CH R-27-90	.62	15,9	.22 x 1.00	5,6 x 25,4	.187	4,8
.44 x 1.06	11,1 x 26,9	**3667**	**3667B**	CH R-35-90			.22 x 1.33	5,6 x 33,8		
Side Entry-Latch Gate For Panels up to .090″ (2,3 mm) thick										
.44 x .72	11,1 x 18,3	**3697**	**3697B**	CH L-27-90	.66	16,7	.22 x 1.00	5,6 x 25,4	.187	4,8
.44 x 1.03	11,1 x 26,2	**3712**	**3712B**	CH L-35-90			.22 x 1.33	5,6 x 33,8		

Standard colors natural and black, except as noted. Flame retardant UL 94V-0 material available, consult Heyco.

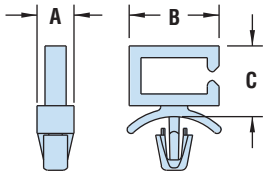
* Part Nos. **3596** and **3597** are of relatively wide construction.



Top Entry



Side Entry



Part No. 3618

Material	Nylon 6/6
Certifications	Recognized under UL File E54523 (Top Entry parts only)
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

Quick Specs

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ALL NEW PRODUCTS!

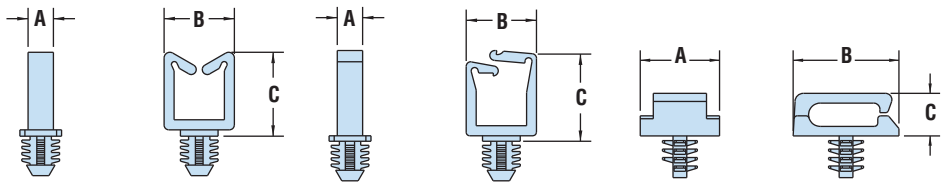
HEYClip™ Cable Holders - Blind Head Mount

For .250˝ (6,4 mm) *Minimum* Thickness Panels

- Gather and route cables.
- Part Description Key: CH RB-X, where X = Overall Height (mm).

WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE DIA. in.	MOUNTING HOLE DIA. mm.
Top Entry - Regular Gate									
x .19	x 4,8	**4202**	CH RB-13	.51	13,0	.22 x .61	5,6 x 15,5	.312	7,9
.44 x .38	11,1 x 9,7	**4203**	CH RB-18	.71	18,0				
x .74	x 18,8	**4204**	CH RB-27	1.06	26,9				
x 1.05	x 26,7	**4205**	CH RB-35	1.37	34,8				
Top Entry - Latch Gate									
x .14	x 3,6	**4206**	CH LB-13	.51	13,0	.22 x .61	5,6 x 15,5	.312	7,9
.44 x .33	11,1 x 8,4	**4207**	CH LB-18	.71	18,0				
x .69	x 17,5	**4208**	CH LB-27	1.06	27,0				
x 1.00	x 25,4	**4209**	CH LB-35	1.38	35,0				
Side Entry - Regular Gate*									
.11 x .33	2,8 x 8,3	**4220**	CH RB-13-90	.20	5,1	.37 X .50	9,5 X 12,7	.157	4,0
x .49	x 12,5	**4221**	CH RB-17-90	.20	5,1	.37 X .67	9,5 X 17,0		

Standard color natural. Flame retardant UL 94V-0 material available, consult Heyco. *For Panet thickness up to .161˝ (4,1 mm)



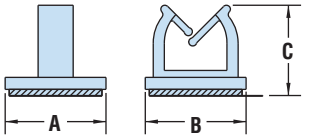
Top Entry Regular Gate | Top Entry Latch Gate | Side Entry Regular Gate

- Gather and direct single or bundles of cable.
- Apply to a clean, dry surface.
- Adhesive backing on part has tab for easy removal.
- Part Description Key: CH RA-X, where X = Overall Height (mm).
- Feature convenient peel away tab (or something like that - should agree with other AB parts).
- Part Description Key: CH RA-X, where X = Overall Height (mm).

HEYClip™ Cable Holders - Adhesive Back Mount

WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	STYLE
CH RA Series								
.17 x .12	4,4 x 3,0	**4271**	CH RA-72	.28	7,2	.37X.37	9,5 X 9,5	4
.18 x .04	4,6 x 1,0	**4212**	CH RA-65	.26	6,5	.37 x .37	9,4 x 9,4	1
x .11	x 2,8	**4213**	CH RA-83	.33	8,3			
.25 x .13	6,4 x 3,2	**4214**	CH RA-102	.40	10,2	.50 x .50	12,7 x 12,7	
.31 x .16	7,9 x 4,1	**4215**	CH RA-119	.47	11,9			
.35 x .24	8,9 x 6,1	**4216**	CH RA-141	.56	14,1			
x .31	x 7,9	**4217**	CH RA-157	.62	15,7			
x .19	x 4,7	**3603**	CH RA-122	.47	11,9	.76 x .74	19,3 x 18,8	2
.45 x .38	11,4 x 9,5	**3608**	CH RA-172	.68	17,2			
x .75	x 19,0	**3613**	CH RA-267	1.05	26,7			
.29 x .25	7,4 x 6,4	**3614**	CH RA-121	.48	12,1	.50 x 1.00	12,7 x 25,4	3

Standard color natural. Flame retardant UL 94V-0 material available, consult Heyco.



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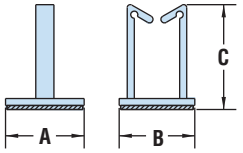
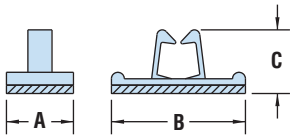
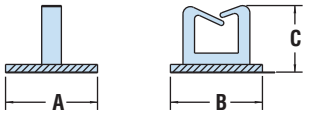


Style 2



Style 3



Style 4

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

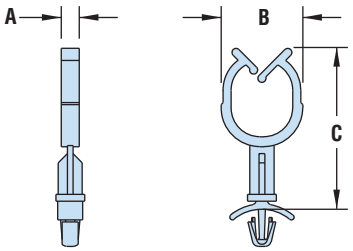
ALL NEW PRODUCTS!

HEYClip™ Standoff Cable Holders - Arrowhead Mount

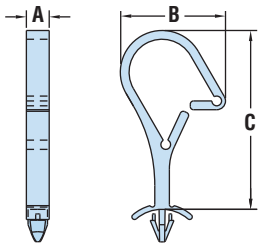
- Self-adjusting Arrowhead Mount protrudes approximately .22″ (5,6 mm). (CHSO only)
- Part Description Key: CH SO-X, where X = Overall Height (mm).
- Self-adjusting Arrowhead Mount protrudes approximately .20″ (5,1 mm).

WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural	DESCRIPTION	HEIGHT ABOVE PANEL C in.	HEIGHT ABOVE PANEL C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE DIA. in.	MOUNTING HOLE DIA. mm.
CH SO Series For Panels up to .063" (1,6 mm) thick									
.54 x .54	13,6 x 13,6	**3349**	CH SO-6	1.00	25,5	16 x .71	4,0 x 18,0	.187	4,8
		3350	CH SO-8	1.08	27,5				
		3351	CH SO-10	1.16	29,5				
		3359	CH SO-12	1.24	31,5				
		3360	CH SO-14	1.32	33,5				
		3361	CH SO-16	1.40	35,5				
		3369	CH SO-18	1.48	37,5				
		3370	CH SO-20	1.56	39,5				
		3371	CH SO-22	1.63	41,5				
		3385	CH SO-24	1.71	43,5				
		3386	CH SO-26	1.79	45,5				
		3387	CH SO-28	1.87	47,5				
CH RJ Series For Panels .09″ (2,3 mm) thick									
.62	15,7	**3598**	CH RJ-625	1.70	42,9	.22 x 1.00	5,6 x 25,4	.187	4,8

Standard color natural. Flame retardant UL 94V-0 material available, consult Heyco.



CH SO Series

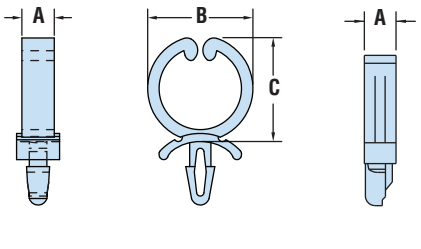


CH RJ Series

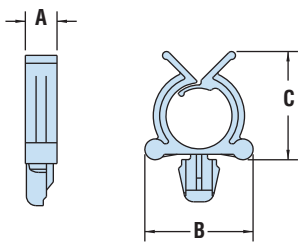
HEYClip™ Round Cable Holders

BUNDLE DIAMETER in.	BUNDLE DIAMETER mm.	PART NO. Natural	PART NO. Black	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE in.	MOUNTING HOLE mm.	STYLE
Arrowhead Mount - For Panels from .030″ (0,8 mm) to .060″ (1,5 mm) thick											
.45	11,4	**3663**	**3663B**	CHCS 4	.57	14,5	.18 x .57	4,5 x 14,5	.12	3,1	1
.62	15,9	**3666**	**3666B**	CHCS 10	.97	24,6	.30 x 1.03	7,5 x 26,2	.25	6,4	2
Arrowhead Mount - For Panels from .058″ (1,5 mm) to .064″ (2,5 mm) thick											
1.00	25,4	**3668**	**3668B**	CHCS 16	1.34	34,1	.38 x 1.25	9,5 x 31,7	.25	6,4	3
Slotted with Adhesive Back Mount											
.62	15,9	**3931**	-	CHCS 10A	.95	24,1	1.00 x 1.00	25,4 x 25,4	.25	6,4	4
Slotted for Screw Mount											
.62	15,9	**3932**	-	CHCS 10B	.92	23,3	1.00 x 1.00	25,4 x 25,4	.25	6,4	4

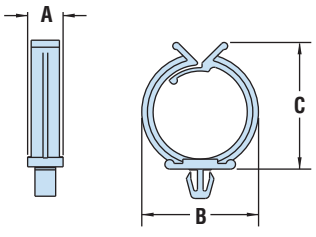
Standard color natural. Flame retardant UL 94V-0 material available, consult Heyco.



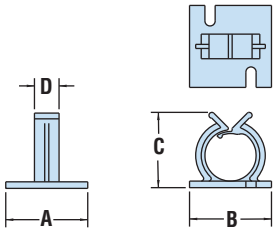
Style 1



Style 2



Style 3



Style 4

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

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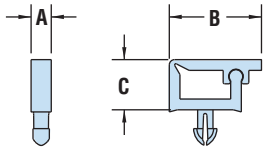
ALL NEW PRODUCTS!

HEYClip™ Lockit™ Cable Holders - Arrowhead Mount

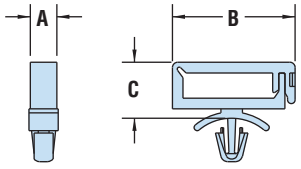
WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO. Natural	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.	MOUNTING HOLE DIA. in.	MOUNTING HOLE DIA. mm.	STYLE
CH LK Series		For Panels up to .063″ (1,6 mm) thick								
.11 x .19	2,9 x 4,8	**3310**	CH LK-49	.19	4,9	.08 x .34	2,0 x 8,7	.063	1,6	1
.15 x .52	3,7 x 13,1	**3311**	CH LK-90	.35	9,0	.20 x .77	5,0 x 19,6	.138	3,5	
.15 x .53	3,7 x 13,5	**3345**	CH LK-95	.37	9,5	.20 X .77	5,0 X 19,6			
.19 x .42	4,8 x 10,7	**3319**	CH LK-106	.42	10,6	.20 x .69	5,0 x 17,4			
.35 x .42	8,8 x 10,7	**3320**	CH LK-146	.57	14,6			.187	4,8	2
.39 x .63	10,0 x 16,1	**3321**	CH LK-158	.62	15,8	.20 x .88	5,0 x 22,3			
.55 x .64	14,1 x 16,3	**3347**	CH LK-196	.77	19,6					
.74 x .85	18,0 x 21,7	**3391**	CH LK-273	1.07	27,3	.20 x .96	5,0 x 24,3			

Standard color natural. Flame retardant UL 94V-0 material available, consult Heyco.

- Lock securely on closure.
- Self-adjusting Arrowhead Mount protrudes approximately as follows:
  –PN 3310 .06″ (1,5 mm)
  –PN 3311 .12″ (3,0 mm)
  –PN 3319-3347 .22″ (5,6 mm)
- Part Description Key: CH LK-X, where X = Overall Height (mm).



Style 1



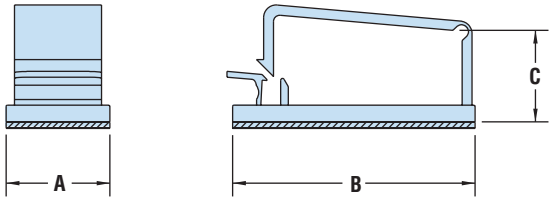
Style 2

HEYClip™ Hinged Cable Holders - Adhesive-Back Mount

WIRE CAPACITY in.	WIRE CAPACITY mm.	PART NO.	DESCRIPTION	OVERALL HEIGHT C in.	OVERALL HEIGHT C mm.	FOOTPRINT A x B in.	FOOTPRINT A x B mm.
CH HA Series							
.50 x 1.25	11,2 x 31,8	**3309**	CH HA-50-125 GRAY	.75	19,1	.75 x 1.75	19,1 x 44,5
.25 x 1.25	5,6 x 31,8	**3395**	CH HA-25-125 GRAY	.50	12,7		
.25 x 2.50	12,7 x 63,5	**3397**	CH HA-25-250 NATURAL	.50	12,7	.75 x 3.00	19,1 x 76,2

Standard color as shown.

- Lock securely and adhere to most clean, dry surfaces.
- Part No. 3309 maximum flat wire height .50″ (12,7 mm), width 1.25″ (31,8 mm)
- Part No. 3395 maximum flat wire height .25″ (6,4 mm), width 1.25″ (31,8 mm)
- Part No. 3397 maximum flat wire height .25″ (6,4 mm), width 2.50″ (63,5 mm)



Material	Nylon 6/6
Flammability Rating	94V-0
Temperature Range	32°F (0°C) to 185°F (85°C)

Quick Specs

ALL NEW PRODUCTS!

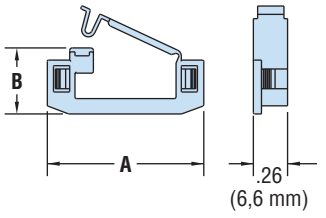
HEYClip™ Hinged Edge Cable Holders

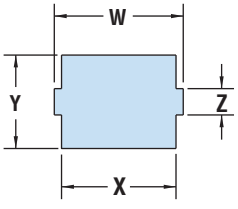
Designed for Rectangular Edge Slot or Through-Hole Mounting - suitable for retrofit applications

- Designed for rectangular mounting hole or edge slot mounting.
- Hinged latch design permits retrofitting into pre-wired applications.
- Route cables and protect them from sharp edges.

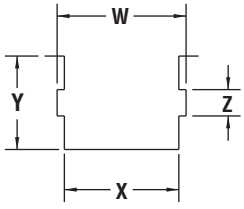
WIRE CAPACITY		PANEL DIMENSIONS Thru Hole or Edge Slot								Thickness		PART NO. Natural	DESCRIPTION	PART DIMENSIONS			
		X		Y		Z		W						A		B	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
CH HE SERIES																	
.77 x .20	19,5 x 5,2	.858	21,8	.421	10,7	.161	4,1	.98	25,0	.031 - .063	0,8 - 1,6	**3300**	CH HE-25	1.19	30,2	.47	12,0
								1.02	26,0	.079	2,0						
.77 x .47	19,5 x 12,0	.870	22,0	.710	18,0	.200	5,0	.98	25,0	.020 - .063	0,5 - 1,6	**3301**	CH HE-22	1.22	31,0	.75	19,0

Standard color natural.



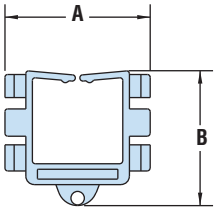


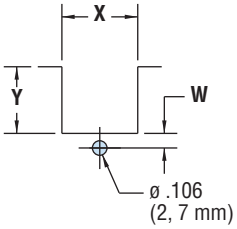
Through Hole



Edge Slot

CH HE Series





Edge Slot

CH E Series

HEYClip™ Edge Cable Holders

Designed for Rectangular Edge Slot Mounting - suitable for retrofit applications

WIRE CAPACITY		PANEL DIMENSIONS Edge Slot Size						Thickness		PART NO. Natural	DESC.	PART DIMENSIONS			
		X		Y		W						A		B	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.
CH E Series															
.46 x .29	11,6 x 7,4	.551	14,0	.484	12,4	.106	2,7	.031 - .063	0,8 - 1,6	**4246**	CH E-14	.78	19,8	.64	16,3
.66 x .59	16,7 x 15,0	.756	19,2	.831	21,1	.098	2,5	.031 - .063	0,8 - 1,6	**4247**	CH E-19	1.06	26,8	.98	24,9
.66 x .58	16,8 x 14,7	.827	21,0	.827	21,0	.094	2,4	.031 - .063	0,8 - 1,6	**4248**	CH E-21	1.13	28,8	.98	24,9
.90 x .91	22,8 x 23,1	1.063	27,0	1.140	29,0	.118	3,0	.031 - .063	0,8 - 1,6	**4249**	CH E-27	1.37	34,8	1.31	33,3

Standard color natural.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

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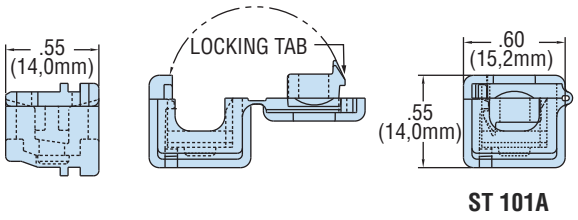
Heyco® Hinged Edge Strain Relief Bushings

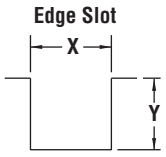
Designed for Rectangular Edge Slot or Split Panel Mounting – suitable for retrofit applications

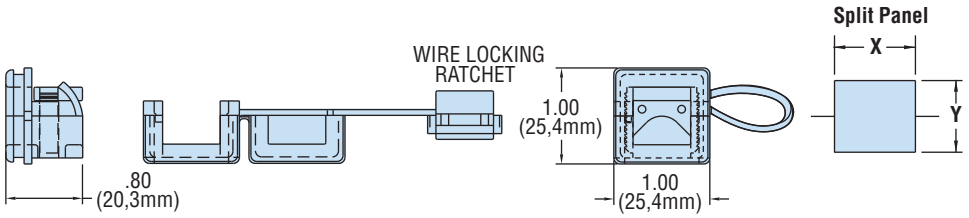
WILL FIT THESE CABLES				PANEL DIMENSIONS						PART NO.	DESCRIPTION	BODY LENGTH	
UL Type	AWG/ Conds.	Approx. Size		Edge Slot or Split Panel X		Y		Thickness		Black			
		In.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.
ST 101A – for Round or Flat Cables													
SV & SVT	18/2	.220 .245	5,6 6,2	.512	13,0	.453	11,5	.06	1,6	**1839**	ST 101A	.55	14,0
	18/3	.250 .255	6,4 6,5										
HPD	18/2 16/2	.270 .290	6,9 7,4										
SR 8R-200 – For Round, Flat or Multiple Cables													
Round, Flat or Multiple		up to .600	up to 15,2	.875	22,2	.875	22,2	.10	2,5	**1266**	SR 8R-200	.80	20,3

Standard color black. Consult Heyco for white and other colors



ST 101A





SR 8R-200

- Designed for rectangular edge slot or split panel mounting - suitable for retrofit applications.
- Independent of final mounting, Hinged Edge Strain Reliefs self-lock onto the cable and may be preassembled "off line" for final assembly at a later time or remote location.
- Hinged Edge Strain Reliefs hold so well they pass the UL pull-out test requirements with or without panel support.
- Rectangular design eliminates the possibility of part rotation under forces of twist.
- SR 8R-200's unique wire locking ratchet allows for a generous wire range of .25˝ (6,4 mm) to .60˝ (15,2 mm).
- Heyco's automated Pre-Assembly Equipment (for ST 101A only) speeds assembly onto the cable, reducing both cost and the risk of carpal tunnel syndrome. See pages 4-15 & 4-16 in the Heyco Catalog.
- Consult Heyco for other wire types and sizes.
- For our complete line of Strain Relief Bushings, see Section 4 in the Heyco Catalog.

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E15331
	Canadian Certified by Canadian Standards Association File 8919
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 221°F (105°C)

Quick Specs

Heyco® Nytye® Nylon Cable Ties

Regular Nytyes

- Smooth, radiused edges ensure that Nytyes won't cut into the cable's insulation–or the installer's hand.
- One-piece design reduces cost and installation time.
- Nytyes feature a bent tip for ease of pickup and insertion around small bundles. V-shaped raised ridges on the tip provide a sure grip.
- Close, evenly spaced teeth permit fine adjustment–from .025˝ (0,6 mm) on the smallest Nytyes to .063˝ (1,6 mm) on the largest.

Screw Mountable Nytyes

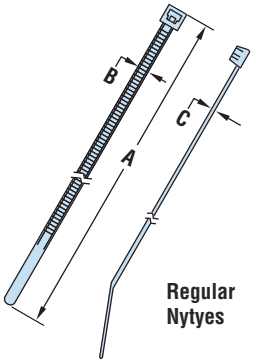
- Molded-in screw hole mount provides one-piece mounting and bundling.
- Mounting screws not included.

Push Mountable Nytyes

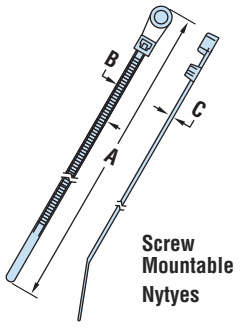
- Snap quickly into holes with only fingertip pressure.
- Provide one-piece mounting and bundling.
- Hold securely in panels up to 1/8˝ (3,2 mm) thick.

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Max. Tensile Strength		Max. Bundle Diameter			UV		A Length		B Width	
Lbs.	N	in.	mm.	Natural	Black		in.	mm.	in.	mm.
NEW! Miniature										
18	80	0.63	16,0	**13100**	**13100B**	NT-18-031	3.15	80	.10	2,5
		0.86	21,8	**13102**	**13102B**	NT-18-040	4.00	100		
		1.18	30,0	**13105**	**13105B**	NT-18-047	4.72	120		
		1.40	35,6	**13107**	**13107B**	NT-18-059	5.90	150		
		1.60	40,6	**13108**	**13108B**	NT-18-060	6.00	160		
		2.00	50,8	**13111**	**13111B**	NT-18-080	8.00	200		
NEW! Intermediate										
40	135	0.86	21,8	**13120**	**13120B**	NT-40-040	4.00	100	.14	3,6
		1.18	30,0	**13121**	**13121B**	NT-40-047	4.72	120		
		1.30	33,0	**13122**	**13122B**	NT-40-055	5.51	140		
		1.40	35,6	**13123**	**13123B**	NT-40-059	5.90	150		
		1.65	41,9	**13124**	**13124B**	NT-40-070	7.08	180		
		2.00	50,8	**13126**	**13126B**	NT-40-080	8.00	200		
		2.60	66,0	**13128**	**13128B**	NT-40-098	9.84	250		
		3.00	76,2	**13129**	**13129B**	NT-40-110	11.00	280		
		3.30	83,8	**13130**	**13130B**	NT-40-118	11.80	300		
		4.01	101,9	**13134**	**13134B**	NT-40-145	14.57	370		
NEW! Standard										
50	225	1.18	30,0	**13140**	**13140B**	NT-50-047	4.72	120	.19	4,8
		1.60	40,6	**13142**	**13142B**	NT-50-063	6.30	160		
		1.65	41,9	**13143**	**13143B**	NT-50-070	7.09	180		
				13144	**13144B**	NT-50-075	7.50	190		
		2.00	50,8	**13145**	**13145B**	NT-50-078	7.87	200		
		2.60	66,0	**13147**	**13147B**	NT-50-098	9.84	250		
		3.00	76,2	**13149**	**13149B**	NT-50-110	11.02	280		
		3.30	83,8	**13151**	**13151B**	NT-50-118	11.81	300		
		3.54	89,9	**13153**	**13153B**	NT-50-137	13.77	350		
		4.01	101,9	**13155**	**13155B**	NT-50-145	14.56	370		
		4.13	104,9	**13156**	**13156B**	NT-50-157	15.74	400		
		5.11	129,8	**13158**	**13158B**	NT-50-177	17.70	450		
		5.90	149,9	**13160**	**13160B**	NT-50-196	19.68	500		
Screw Mountable										Screw #
30	133	1.00	25,4	**3550**	-	MNT 90	5.50	140	.12	2,9	4
40	178	1.25	31,8	**3555**	-	MNT 120	6.50	165	.14	3,4	8
50	222	1.75	44,4	**3560**	-	MNT 150	8.00	203	.19	4,8	10
Push Mountable										MH Diameter	
40	180	1.42	36,0	-	**3907**	PWMS-155-HSB	6.23	158	.14	3,5	.19	4,6
50	222	1.75	44,4	**3904**	-	PMT 150	8.00	203	.19	4,8	.25	6,4

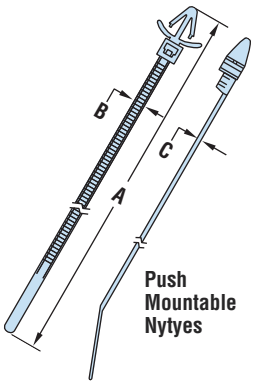
Standard colors natural and UV Black. Consult Heyco for colors and Extra Heavy Duty Nytyes.



Regular Nytyes



Screw Mountable Nytyes



Push Mountable Nytyes

Heyco® Cable Tie Tensioning Tool

Part No. 0998 fits all standard duty Nytyes. Metal construction, has three tension settings, and automatically trims excess.

Quick Specs

Material	Nylon 6/6
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E54523
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

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Heyco® Nytye® Mounting Platforms

NYTYE MAX. TENSILE STRENGTH lbs.	N	SCREW SIZE * no.	M	MAX. PANEL THICKNESS in.	mm.	NYTYE INSERT POINTS	PART NO. Natural	DESCRIPTION	FOOTPRINT in.	mm.
Flat Type		Adhesive-Back Mount								
18	80	-	-	-	-	4	**3591**	MP 4A-M	.50 x .50	12,7 x 12,7
40	178	-	-	-	-	4	**3594**	MP 4A-S	.80 x .80	20,3 x 20,3
50	222	8	4,6	-	-	2	**3590**	MP 2A†	1.10 x 1.10	27,9 x 27,9
				-	-	4	**3593**	MP 4A†	1.15 x 1.15	29,2 x 29,2
		Screw Mount								
40	178	6	3,5	-	-	4	**4264**	MP 4-S	.75 x .75	19,1 x 19,1
50	222	8	4,0	-	-	4	**4265**	MP 34	.38 x .75	9,5 x 19,0
						2	**3590**	MP 2A †	1.10 x 1.10	27,9 x 27,9
		6	3,5	-	-	4	**3593**	MP 4A †	1.15 x 1.15	29,2 x 29,2
Dart Type		Arrrowhead Mount								
50	222	.19	4,8	.05	1,2	2	**4266**	MP PM-19	.56 x .31	6,0 x 14,3
		.25	6,4	.11	2,8	2	**3762**	MP PM-25	.31 x .56	7,9 x 14,3
		.26	6,7	.35	9,0	2	**4267**	MP PM-26	.31 x .80	7,9 x 20,2
		Blind Mount **								
40	178	.31	7,9	.25	6,4	2	**4268**	MP PMB-31	.33 x .43	8,3 x 11,0
Saddle Type		Screw Mount								
18	80	4	3,0	-	-	2	**4269**	MP S-4	.33 x .51	8,3 x 13,0
50	222	8	4,0	-	-	2	**3759**	MP S-8	.38 x .63	9,5 x 15,9
120	534	10	5,0	-	-	2	**3753**	MP S-10	.63 x .88	15,9 x 22,2
Snap over-bolt installation-consult Heyco						2	**3754**	MP S-5/8††	1.25 x 2.31	31,8 x 58,7
Reverse		Button Mount								
50	222	.25	6,4	.13	3,2	2	**3592**	MP R-2	.42˝ (10,7 mm) dia. button	

Standard color natural.

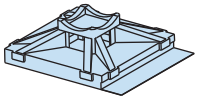
* Data = Mounting Hole Diameter, for all **Dart Type** Mount Platforms.

Minimum Panel Thickness for **Blind Mount** Platforms.

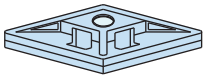
† These adhesive-backed parts are also screw mountable.

††**Part No. 3754** standard color is black.

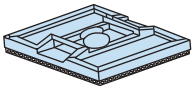
- Multiple sizes, strengths, and mounting options anchor Nytyes® securely.
- Four Types:
  1) Flat - Adhesive-Back and Screw Mounts
  2) Dart - Arrowhead and Blind Mounts
  3) Saddle - Screw Mount only
  4) Reverse - Button Mount only
- Apply Adhesive-Backed parts to a clean, dry surface.



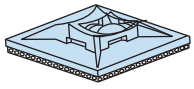
MP 4A-M



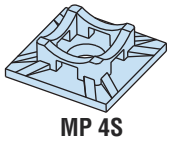
MP 4A-S



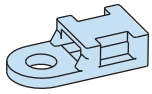
MP 2A



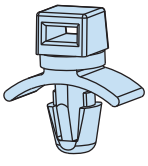
MP 4A



MP 4S

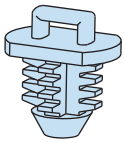


MP 34

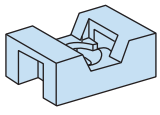


Dart Type 4266

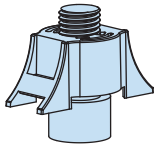
Dart Type 3762, 4267



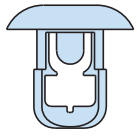
Blind Mount 4268



Saddle Type



MP S-5/8



MP R-2

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C) (Non-adhesive backed)
	-20°F (-29°C) to 150°F (66°C) (adhesive backed)

Quick Specs

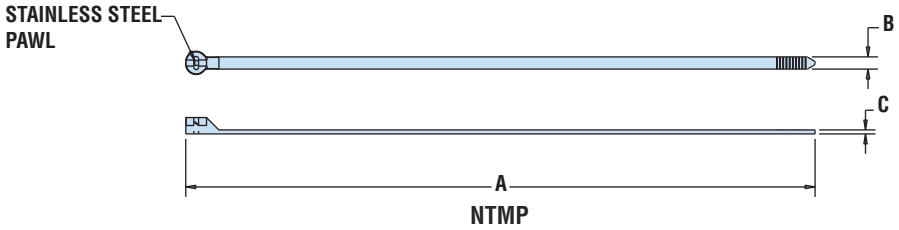
ALL NEW PRODUCTS!

Heyco® Nytyes® with Stainless Steel Locking Device

- Non-magnetic stainless steel locking device for maximum strength.
- Notch-free tie design provides for precise locking positions.
- Serrated finger grip tail reduces slippage during installation.
- Stronger and lower profile than notched body ties.
- Rounded edge design protects cable insulation.
- Part Description Key: NTMP-XXX-YYY where XXX = tensile (foot pounds) and YYY = length (inches x 10)

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS					
Min. Tensile Strength		Max. Bundle Diameter		Natural	Black		A Length		B Width		C Thickness	
Lbs.	N	in.	mm.				in.	mm.	in.	mm.	in.	mm.
18	80	.87	22,0	**13000**	**13000B**	NTMP-018-039	3.90	100	.12	3,0	.04	1,1
35	160	1.42	36,0	**13001**	**13001B**	NTMP-036-059	5.90	150	.16	4,0	.05	1,2
		2.09	53,0	**13002**	**13002B**	NTMP-036-079	7.90	200				
45	200	2.56	65,0	**13003**	**13003B**	NTMP-045-098	9.80	250	.20	5,0	.06	1,5
		2.99	76,0	**13004**	**13004B**	NTMP-045-118	11.80	300				
56	250	2.09	53,0	**13008**	**13008B**	NTMP-056-079	7.90	200	.31	8,0		
		2.60	66,0	**13009**	**13009B**	NTMP-056-094	9.40	240				
		2.99	76,0	**13010**	**13010B**	NTMP-056-118	11.80	300				
112	500	2.99	76,0	**13011**	**13011B**	NTMP-112-118	11.80	300				
		3.74	95,0	**13012**	**13012B**	NTMP-112-138	13.80	350				
124	550	4.45	113,0	**13013**	**13013B**	NTMP-112-157	15.70	400	.39	10,0	.07	1,7
		4.72	120,0	**13014**	**13014B**	NTMP-124-177	17.70	450				
		6.22	158,0	**13015**	**13015B**	NTMP-124-197	19.70	500				

Standard colors natural and UV Black.



NTMP

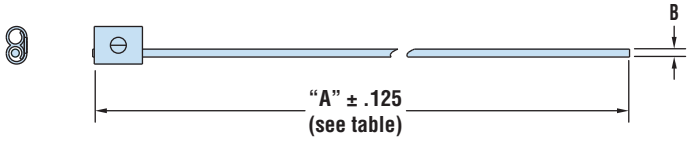
Material	Nylon 6/6 Wire Tie with a Stainless Steel Locking Pawl
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 185°F (85°C)

Lower Cost Bulk Pack Available!

Heyco® Heavy Duty Stainless Steel Wire Cable Ties

- **Extremely durable, vinyl jacketed Stainless Steel Cable Tie.**
- Smooth vinyl jacketing prevents damage to installation cable insulation.
- Stainless steel crimp sleeve for easy field installation with electrician linesmen pliers, or wire cutters.
- UV protected vinyl jacket is excellent for solar installation where product durability is required.
- Use standard wire cutters to both crimp the sleeve and cut the excess wire.
- Covered by the Heyco Twenty Year Solar Warranty, visit solar power components section at Heyco.com.
- DFARS Compliant

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Max. Tensile Strength		Max. Bundle Diameter		Bulk	100 Pack		A Length		B Diameter	
lbs.	N	in.	mm.				in.	mm.	in.	mm.
Black vinyl jacketed 302/304 stainless steel wire										
100	440	2.30	58,4	**S6408**	**S6409**	SunBundler® 8	8	203	.06	1,6
		2.92	74,2	**S6410**	**S6411**	SunBundler® 10	10	254		
		3.88	98,6	**S6412**	**S6413**	SunBundler® 12	12	305		
		4.20	106,7	**S6414**	**S6415**	SunBundler® 14	14	356		
		6.36	161,5	**S6420**	**S6421**	SunBundler® 20	20	508		



Material	Commercial Aircraft Grade 302/304 stainless wire w/UV protected vinyl jacket
Certifications	c UL us Certified by Underwriters' Laboratories for Compliance with both Canadian and U.S. Requirements under File E54523

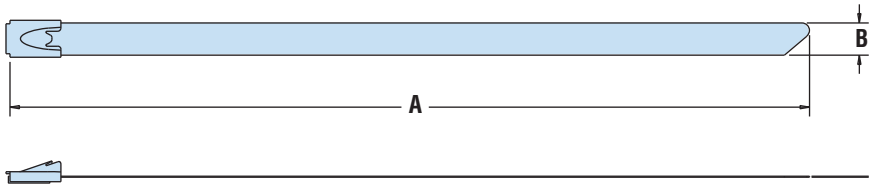
ALL NEW PRODUCTS!

Heyco® Stainless Steel Cable Ties

Ball Lock Stainless Steel Strip Cable Ties - AISI 304*
- Standard and PVC Coated

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Min. Tensile Strength		Max. Bundle Diameter			PVC Coated		A Length		B Width	
Lbs.	N	in.	mm.	Standard Steel	Black		in.	mm.	in.	mm.
		1.18	30,0	**12801**	**12801B**	NTSS-0150-46A	5.91	150		
		2.05	52,0	**12802**	**12802B**	NTSS-0200-46A	7.87	200		
		2.68	68,0	**12803**	**12803B**	NTSS-0250-46A	9.84	250		
		3.23	82,0	**12805**	**12805B**	NTSS-0300-46A	11.81	300		
112	500	3.86	98,0	**12806**	**12806B**	NTSS-0350-46A	13.78	350	.18	4,6
		4.33	110,0	**12808**	**12808B**	NTSS-0400-46A	15.75	400		
		5.75	146,0	**12810**	**12810B**	NTSS-0500-46A	19.69	500		
		7.09	180,0	**12812**	**12812B**	NTSS-0600-46A	23.62	600		
		9.50	240,0	**12814**	**12814B**	NTSS-0800-46A	31.50	800		
		2.05	52,0	**12821**	**12821B**	NTSS-0200-79A	7.87	200		
		2.68	68,0	**12822**	**12822B**	NTSS-0250-79A	9.84	250		
		3.23	82,0	**12824**	**12824B**	NTSS-0300-79A	11.81	300		
		3.86	98,0	**12825**	**12825B**	NTSS-0350-79A	13.78	350		
		4.33	110,0	**12827**	**12827B**	NTSS-0400-79A	15.75	400		
250	1115	5.75	146,0	**12829**	**12829B**	NTSS-0500-79A	19.69	500	.31	7,9
		7.09	180,0	**12831**	**12831B**	NTSS-0600-79A	23.62	600		
		8.27	210,0	**12833**	**12833B**	NTSS-0700-79A	27.56	700		
		9.50	240,0	**12834**	**12834B**	NTSS-0800-79A	31.50	800		
		12.09	307,0	**12836**	**12836B**	NTSS-1000-79A	39.37	1000		

* AISI 316 available, consult Heyco.



NTSS

- For ease of assembly, position locking head so the widest end is down.
- Part Description Key: NTSS-XXXX-YYA where XXXX = length (mm) and YYA = width (mm) with A indicating AISI 304 stainless steel.
- Stainless steel cable ties have more strength and better durability than nylon cable ties.
- Locking ball design for maximum holding strength and ease of installation.
- Coated ties offer additional protection and separation of dissimilar metals for improved corrosion resistance.
- Suitable for harsh outdoor environments; conform to standard IEC92 for Marine Electrical Appliances and the requirements of CB1113-85 "Plastic Covered Metal Cable Ties", "Steel Sea Boats Construction Level Standard."
- Secure bundles in moist and high temperature environments with decay, fire, corrosion, and radio resistance.
- Widely used in shipping, communication, and flight applications.
- .010" (0,25 mm) thick.
- Custom lengths available.
- 100 pack standard.

Materials	304 stainless steel with PVC coating

Quick Specs

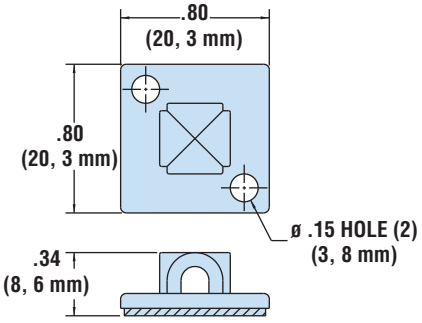
Heyco® Beaded Ties

- **Releasable and reusable** ties for easy bundling, closing, bagging, holding, and tying.
- Polyethylene for high flexibility and moderate strength.
- Multiple sizes for bundles up to 4˝ (101,6 mm) diameter.

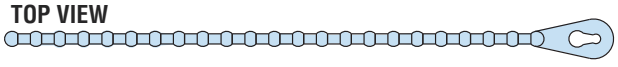
TENSILE STRENGTH		MAXIMUM BUNDLE DIAMETER		OVERALL LENGTH		DESCRIPTION	PART NO.				
							Black	Natural	Blue	Red	Yellow
lbs.	N	in.	mm.	in.	mm.						
Polyethylene – For Flexibility											
10	45	1-1/8	28,6	4.28	109	BT 4 PE	**3419**	**3420**	**3421**	**3422**	**3423**
		1-3/8	35,0	5.05	128	BT 5 PE	**3424**	**3425**	**3426**	**3427**	**3428**
18	80	1-7/8	48,0	6.62	168	BT 6 PE	**3429**	**3430**	**3431**	**3432**	**3433**
		2-1/2	64,0	8.90	226	BT 8 PE	**3434**	**3435**	**3436**	**3437**	**3438**
		3	76,0	10.78	274	BT 10 PE	**3439**	**3440**	**3441**	**3442**	**3443**
		4	101,6	14.00	356	BT 14 PE	**3484**	**3480**	**3476**	**3482**	**3483**
Nylon – For Strength											
40	180	1-1/8	28,6	4.25	108	BT 4 N	**3509**	**3490**			
		1-3/8	35,0	5.00	127	BT 5 N	**3519**	**3491**			
		1-7/8	48,0	6.75	171	BT 6 N	**3523**	**3492**			
75	338	2-1/2	64,0	9.00	229	BT 8 N	**3524**	**3493**			
		3	76,0	11.00	279	BT 10 N	**3495**	**3494**			
		4	101,6	15.00	381	BT 14 N	**3498**	**3496**			

Standard colors: PE-black, natural, blue, red, and yellow. N–Black and natural.

- **Mounting Platform for Beaded Ties**
  - –Part No. 3750
  - –Adhesive backed
  - –May also be screw mounted
  - –Molded of natural nylon. Consult Heyco for other colors



TOP VIEW



SIDE VIEW

Quick Specs

Material	Polyethylene or Nylon
Flammability Rating	94V-2
Temperature Range	40°F (0°C) to 221°F (85°C)

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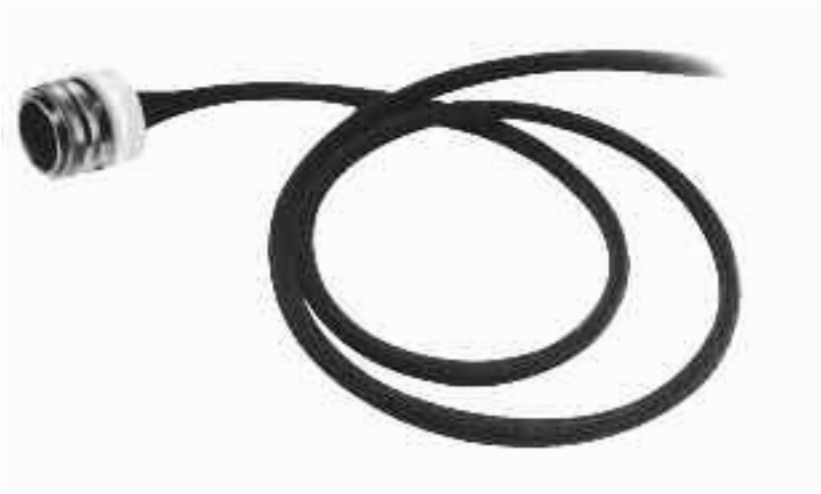
Heyco® Braided Sleeving

BUNDLE RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS			
Minimum Diameter		Maximum Diameter		Black	FR Black		Nominal Diameter		Quantity Per Spool	
in.	mm.	in.	mm.				in.	mm.	ft.	mtrs.
.09	2,3	.25	6,4	**8980**	**8983**	BS 125	.13	3,2	1000	305
.13	3,2	.44	11,1	**8985**	**8988**	BS 250	.25	6,4		
.25	6,4	.75	19,1	**8990**	**8993**	BS 500	.50	12,7	500	152
.50	12,7	1.25	31,8	**8995**	**8998**	BS 750	.75	19,1	250	76
.75	19,1	1.75	44,5	**9000**	**9003**	BS 1250	1.25	31,8		
1.25	31,8	2.75	69,9	**9005**	**9008**	BS 1750	1.75	44,5	200	61
1.50	38,1	3.50	88,9	**9010**	**9013**	BS 2.0	2.00	50,8		

Standard color black.
FR sleeving flammability rating–UL VW-1.



- **Braided sleeve slips on quickly and is self-fitting** over irregular shapes and contours. No wire pulling compounds are required due to its low surface friction. Slight tensioning after application makes for an even tighter fit.
- Expandable up to three times its own diameter, the open-weave construction can fit many applications, simplifying inventory. The open-weave allows for easy inspection of sleeved components and easy break out of individual cables.
- Full cable flexibility is maintained in any direction, even at low temperatures. Wires encased in Heyco Braided Sleeving can flex and bend as readily as if they had no protective oversleeving. Bundles can be flexed repeatedly without damage.
- Tough, cut-resistant sleeving is designed for protecting wire bundles and harnesses, hoses, tubing, and cable assemblies from mechanical damage and environmental hazards.
- The high tensile strength, damage-resistant filament braid:
  1) protects against rough surfaces, sharp edges or corners
  2) resists scuffing and abrasion
  3) cushions against vibration and impact damage
  4) prevents condensation while allowing complete drainage
  5) dissipates heat and moisture
  6) does not degrade in most fluid environments
- Sleeved components are more organized and attractive!
- Preferred cutting method: hot knife.

Materials	Polyester Monofilament Yarns or Flame Retardant Polyester Yarn
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E173954
Monofilament Diameter	.010˝
Temperature Range	-103°F (-75°C) to 257°F (125°C)

Quick Specs

Heyco® Hose and Cable Wrap-Polyethylene

- Easy to use: Just twist on wire!
- Allows breakouts of single/multiple wires and re-routing of replacement wires.
- Absorbs vibration, insulates cables and hose, and resists abrasion.
- Multiple sizes bundle and protect cables, wires, tubing, and hoses from .13˝ (3,2 mm) to 7.00˝ (177,8 mm) diameters.
- Conforms to: Fed Spec LP390, Mil I-631D, Mil P-21922B
- For hose and cable **clamps** see pages 30 through 35.

Standard

BUNDLE RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		UV Black	Natural		A Outside Diameter		B Pitch		C Thickness	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.13	3,2	1.50	38,1	**8904**	**8905**	CW 187 PE*	.19	4,8	.25	6,3	.03	0,8
.19	4,8	2.00	50,8	**8908**	**8909**	CW 250 PE	.25	6,3	.38	9,5	.05	1,1
.31	7,9	3.00	76,2	**8912**	**8913**	CW 375 PE	.38	9,5	.44	11,1	.05	1,3
.38	9,5	4.00	101,6	**8916**	**8917**	CW 500 PE	.50	12,7	.50	12,7	.06	1,6
.50	12,7	4.50	114,3	**8920**	**8921**	CW 625 PE*	.63	15,9	.63	15,9	.06	1,6
		5.00	127,0	**8924**	**8925**	CW 750 PE	.75	19,1	.75	19,1	.07	1,7
1.00	25,4	7.00	177,8	**8928**	**8929**	CW 1000 PE	1.00	25,4	1.00	25,4	.08	2,0

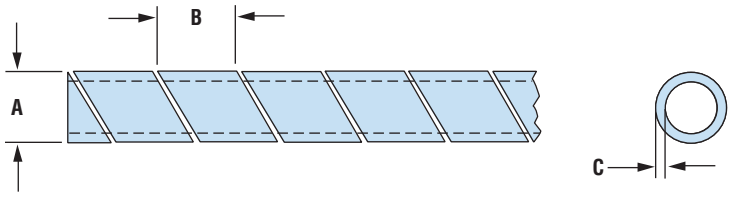
Standard colors UV black or natural.
* Parts are not UR recognized.

- Designed to shield hydraulic, pneumatic, and high pressure hoses; cables and cable bundles.
- Available in a **variety of sizes** that fit cable, cable bundles and hoses from .75˝ (19,1 mm) to 6˝ (152,4 mm) in diameter.
- **Smooth finish interior** wall.
- May be **color coded** (see tabular chart).
- Packaged as one continuous piece, not spooled.
- May be **cut to desired length**, please consult Heyco.

Heavy Duty

BUNDLE RANGE				PART NO.			DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		Black	Color Coded			A Outside Dia.		B Pitch		C Thickness	
in.	mm.	in.	mm.					in.	mm.	in.	mm.	in.	mm.
.75	19,1	1.50	38,1	**8964**	**8965**	Red	CWG 99 PE	.93	23,6	.95	24,1	.12	3,0
1.00	25,4	2.00	50,8	**8966**	**8967**	Blue	CWG 126 PE	1.12	28,4	1.25	31,8	.13	3,3
1.25	31,8	2.50	63,5	**8968**	**8969**	Green	CWG 153 PE	1.37	34,8	1.35	34,3	.14	3,5
1.50	38,1	3.00	76,2	**8970**	**8971**	Yellow	CWG 181 PE	1.62	41,1	1.50	38,1	.15	3,9
2.00	50,8	3.50	88,9	**8972**	**8973**	Orange	CWG 234 PE	2.09	53,1	1.60	40,6	.17	4,3
3.50	88,9	6.00	152,4	**8974**	**8975**	Gray	CWG 401 PE	3.50	88,9	1.95	49,5	.25	6,4

*Standard color black or color coded.



Quick Specs

Material	Polyethylene (Standard), High Density Polyethylene (Heavy Duty)
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E173954. (Standard Only)
Temperature Range	-76°F (-60°C) to 190°F (88°C) UL rated temp not to exceed 122°F (50°C) (Standard) 0°F (-18°C) to 165°F (74°C) (Heavy Duty)

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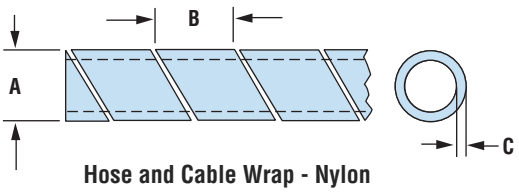
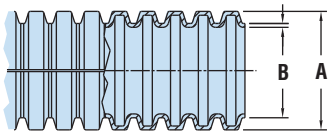
Heyco® Hose and Cable Wrap-Nylon

BUNDLE RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum Diameter		Maximum Diameter		UV Black	Natural		A Outside Diameter		B Pitch		C Thickness	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.13	3,2	1.50	38,1	**8936**	**8937**	CW 187 N*	.19	4,8	.25	6,3	.02	0,5
.19	4,8	2.00	50,8	**8940**	**8941**	CW 250 N	.25	6,3	.38	9,5	.03	0,6
.31	7,9	3.00	76,2	**8944**	**8945**	CW 375 N	.38	9,5	.44	11,1	.04	0,9
.38	9,5	4.00	101,6	**8948**	**8949**	CW 500 N	.50	12,7	.50	12,7		
.50	12,7	4.50	114,3	**8952**	**8953**	CW 625 N*	.63	15,9	.63	15,9	.03	0,8
		5.00	127,0	**8956**	**8957**	CW 750 N	.75	19,0	.75	19,1		
1.00	25,4	7.00	177,8	**8960**	**8961**	CW 1000 N	1.00	25,4	1.00	25,4		

Standard colors UV black or natural.
* Parts are not UL recognized.



Hose and Cable Wrap - Nylon



Heyco-Flex™ V Slit Tubing - Nylon

- Easy to use: Just twist on wire!
- Allows breakouts of single/multiple wires and re-routing of replacement wires.
- Absorbs vibration, insulates cables, and resists abrasion.
- Multiple sizes bundle and protect cables, wires, tubing, and hoses from .13″ (3,2 mm) to 7.00″ (177,8 mm) diameters.
- Available in UV black or natural nylon color.
- Conforms to: ASTM D 4066, Group 2; Fed Spec LP410A
- For hose and cable **clamps**, see pages 30 through 35.

Heyco-Flex™ V Nylon Slit Tubing

NOMINAL DIAMETER	PART NO.	DESCRIPTION	PART DIMENSIONS						ROLL LENGTH
	Black		A Outside Diameter		B Inside Diameter		Wall Thickness Range		
in.			in.	mm.	in	mm.	in.	mm.	ft.
1/8	**1634A**	HF5 1/8	.26	6,6	.17	4,3	.01-.02	0,2-0,5	100
1/4	**1635A**	HF5 1/4	.39	9,9	.29	7,3			
11/32	**1636A**	HF5 11/32	.51	13,0	.35	8,8			
3/8	**1637A**	HF5 3/8	.53	13,5	.42	10,5			
7/16	**1638A**	HF5 7/16	.63	15,9	.44	11,2			
1/2	**1639A**	HF5 1/2	.64	16,2	.53	13,3			
5/8	**1641A**	HF5 5/8	.81	20,5	.66	16,8			
3/4	**1642A**	HF5 3/4	.93	23,6	.79	20,1			
1	**1643A**	HF5 1	1.12	28,5	.92	23,3			
1-1/16	**1644A**	HF5 1-1/16	1.22	30,9	1.01	25,6			
1-1/4	**1646A**	HF5 1-1/4	1.49	37,9	1.28	32,6			
1-1/2	**1649A**	HF5 1-1/2	1.73	43,9	1.47	37,2			

Standard color black.

	CW
Material	Nylon
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E173954
Temperature Range	-40°F (-40°C) to 250°F (121°C) – UL rated temp not to exceed 149°F (65°C)

	HF5
Material	Polyamide 6 Nylon
Flammability Rating	94HB
Temperature Range	-40°F (-40°C) to 239°F (115°C) Continuous -40°F (-40°C) to 374°F (190°C) Intermittent

- **Slit design allows side entry** and encirclement of preassembled harnesses and capillary tubes.
- Unique slit design allows for wire breakouts.
- Heyco-Flex V is lightweight and flexible, yet durable enough to meet your wire management requirements.
- Multiple sizes 1/8″ to 1-1/2″.
- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- Quick installation; cuts with utility knife, PVC cutter or Heyco cutting tool #8340. See page 2-2 in the Heyco Catalog.

Quick Specs

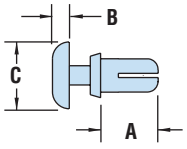
STANDARD PACK 1,000/BAG

HEYClip™ Snap Rivets

- Designed for **fast and easy installation with no tools** - just fingertip pressure required.
- Simply place rivet into the hole and press down on the head to fasten; legs expand to securely fasten components.
- To release, simply pull up on rivet head section.
- Round head provides a clean, finished look.
- Part Description Key: PR X-Y where X = Mounting Hole Diameter (inches) and Y = minimum Panel Thickness (inches).
- Standard Material: Nylon 6. Nylon 6/6 UL 94V-0 available by special order, consult Heyco.
- Standard Pack - 1,000/bag.

WILL FIT THESE PANELS						PART NO.			DESCRIPTION	PART DIMENSIONS						EXTRACTION FORCE	
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS								A Length		B Head Height		C Head Diameter			
		Min.		Max.				V-0									Style
						Black	White	Black									
in.	mm.	in.	mm.	in.	mm.			*		in.	mm.	in.	mm.	in.	mm.	N	
PR Series																	
.083	2,1	.02	0,6	.05	1,2	**9296**	**9297**	**9296F**	PR 083-024	.10	2,4	.05	1,2	.17	4,2	29	2
		.05	1,3	.08	2,0	**9300**	**9301**	**9300F**	PR 083-051	.13	3,2						
		.08	2,1	.11	2,8	**9302**	**9303**	**9302F**	PR 083-083	.16	4,0						
		.11	2,9	.14	3,6	**9304**	**9305**	**9304F**	PR 083-114	.19	4,8						
		.15	3,7	.17	4,4	**9306**	**9307**	**9306F**	PR 083-146	.22	5,6						
		.17	4,4	.20	5,0	**9308**	**9309**	**9308F**	PR 083-173	.25	6,4						
.102	2,6	.04	1,0	.08	2,0	**9020**	**9021**	**9020F**	PR 102-039	.13	3,2	.06	1,4	.20	5,0	49	2
		.08	2,0	.12	3,0	**9022**	**9023**	**9022F**	PR 102-082	.17	4,2						
		.11	2,7	.14	3,6	**9024**	**9025**	**9024F**	PR 102-106	.19	4,8						
		.13	3,4	.17	4,3	**9026**	**9027**	**9026F**	PR 102-134	.22	5,6						
		.17	4,3	.21	5,2	**9310**	**9311**	**9310F**	PR 102-169	.25	6,4						
		.20	5,1	.24	6,0	**9312**	**9313**	**9312F**	PR 102-201	.28	7,2						
.122	3,1	.04	1,0	.08	2,0	**9028**	**9029**	**9028F**	PR 122-039	.14	3,5	.06	1,6	.25	6,4	78	2
		.08	2,0	.12	3,0	**9030**	**9031**	**9030F**	PR 122-079	.18	4,5						
		.12	3,0	.16	4,0	**9032**	**9033**	**9032F**	PR 122-118	.22	5,6						
		.16	4,0	.19	5,0	**9034**	**9035**	**9034F**	PR 122-157	.26	6,5						
		.20	5,0	.24	6,0	**9036**	**9037**	**9036F**	PR 122-197	.30	7,5						
		.22	5,5	.26	6,5	**9038**	**9039**	**9038F**	PR 122-217	.32	8,0						
		.26	6,5	.30	7,5	**9040**	**9041**	**9040F**	PR 122-256	.35	9,0						
		.30	7,5	.34	8,5	**9042**	**9043**	**9042F**	PR 122-295	.39	10,0						
		.45	11,5	.51	13,0	**9314**	**9315**	**9314F**	PR 122-453	.57	14,5						
		.81	20,5	.85	21,5	**9316**	**9317**	**9316F**	PR 122-807	.91	23,0						
.142	3,6	.05	1,2	.08	2,1	**9044**	**9045**	**9044F**	PR 142-047	.14	3,5	.06	1,6	.25	6,4	118	1
		.08	2,1	.12	3,0	**9046**	**9047**	**9046F**	PR 142-083	.18	4,5						
		.11	2,7	.14	3,6	**9048**	**9049**	**9048F**	PR 142-106	.20	5,0						
		.12	3,0	.16	4,0	**9050**	**9051**	**9050F**	PR 142-118	.22	5,6						
		.15	3,7	.18	4,6	**9052**	**9053**	**9052F**	PR 142-146	.24	6,0						
		.18	4,5	.22	5,5	**9054**	**9055**	**9054F**	PR 142-177	.28	7,0						
		.22	5,5	.26	6,5	**9056**	**9057**	**9056F**	PR 142-217	.32	8,0						
.161	4,1	.10	2,5	.14	3,5	**9058**	**9059**	**9058F**	PR 161-098	.20	5,0	.07	1,8	.32	8,0	196	1
		.14	3,5	.18	4,5	**9060**	**9061**	**9060F**	PR 161-138	.24	6,0						
		.18	4,5	.22	5,5	**9062**	**9063**	**9062F**	PR 161-177	.28	7,0						
		.22	5,5	.26	6,5	**9064**	**9065**	**9064F**	PR 161-217	.32	8,0						
		.26	6,5	.30	7,5	**9066**	**9067**	**9066F**	PR 161-256	.35	9,0						
		.30	7,5	.34	8,5	**9068**	**9069**	**9068F**	PR 161-295	.39	10,0						
		.35	9,0	.41	10,5	**9318**	**9319**	**9318F**	PR 161-354	.47	12,0						
		.49	12,5	.55	14,0	**9320**	**9321**	**9320F**	PR 161-492	.61	15,5						

Standard colors black and white.
*Black nylon 6/6 UL 94V-0.



STYLE 1

STYLE 2

Quick Specs

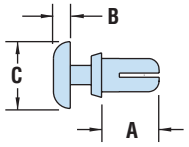
Material	Nylon 6 UL V-2
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 185°F (85°C)

STANDARD PACK 1,000/BAG

HEYClip™ Snap Rivets – continued

WILL FIT THESE PANELS MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS Min.		Max.		PART NO. Black	White	V-0 Black	DESCRIPTION	PART DIMENSIONS A Length		B Head Height		C Head Diameter		EXTRACTION FORCE	Style
in.	mm.	in.	mm.	in.	mm.			*		in.	mm.	in.	mm.	in.	mm.	N	
PR Series																	
		.06	1,5	.10	2,5	**9070**	**9071**	**9070F**	PR 201-059	.18	4,5						
		.10	2,5	.14	3,5	**9072**	**9073**	**9072F**	PR 201-098	.22	5,6						
		.14	3,5	.18	4,5	**9074**	**9075**	**9074F**	PR 201-138	.26	6,5						
.201	5,1	.18	4,5	.22	5,5	**9076**	**9077**	**9076F**	PR 201-177	.30	7,5	.09	2,2	.35	9,0	245	
		.22	5,5	.26	6,5	**9078**	**9079**	**9078F**	PR 201-217	.34	8,5						
		.26	6,5	.30	7,5	**9080**	**9081**	**9080F**	PR 201-256	.37	9,5						
		.30	7,5	.34	8,5	**9082**	**9083**	**9082F**	PR 201-295	.41	10,5						1
.232	5,9	.12	3,0	.16	4,0	**9322**	**9323**	**9322F**	PR 232-118	.25	6,3	.11	2,7	.47	12,0	245	
.240	6,1	.10	2,5	.16	4,0	**9084**	**9085**	**9084F**	PR 240-098	.24	6,0	.10	2,5	.47	12,0	294	
		.14	3,5	.22	5,5	**9324**	**9325**	**9324F**	PR 240-138	.32	8,0	.12	3,0				

Standard colors black and white.
*Black nylon 6/6 UL 94V-0.



STYLE 1

- Designed for **fast and easy installation with no tools** - just fingertip pressure required.
- Simply place rivet into the hole and press down on the head to fasten; legs expand to securely fasten components.
- To release, simply pull up on rivet head section.
- Round head provides a clean, finished look.
- Part Description Key: PR X-Y where X = Mounting Hole Diameter (inches) and Y = minimum Panel Thickness (inches).
- Standard Material: Nylon 6. Nylon 6/6 UL 94V-0 available by special order, consult Heyco.
- Standard Pack - 1,000/bag.
- See Quick Specs on page 62.

ALL NEW PRODUCTS!

HEYClip™ Heat Resistant Snap Rivets

WILL FIT THESE PANELS MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS Min.		Max.		PART NO. Tan Nylon 4/6 UL94V-2	DESCRIPTION	PART DIMENSIONS A Length		B Head Height		C Head Diameter		EXTRACTION FORCE	Style
in.	mm.	in.	mm.	in.	mm.			in.	mm.	in.	mm.	in.	mm.	N	
PR Tan Series															
		.04	1,0	.08	2,0	**9028H**	PR 122-039 HR Tan	.14	3,5						
		.08	2,0	.12	3,0	**9030H**	PR 122-079 HR Tan	.18	4,5						
.122	3,1	.12	3,0	.16	4,0	**9032H**	PR 122-118 HR Tan	.22	5,6	.06	1,6	.25	6,4	78	2
		.16	4,0	.19	5,0	**9034H**	PR 122-157 HR Tan	.26	6,5						
		.22	5,5	.26	6,5	**9038H**	PR 122-217 HR Tan	.32	8,0						
		.05	1,2	.08	2,1	**9044H**	PR 142-047 HR Tan	.14	3,5						
.142	3,6	.08	2,1	.12	3,0	**9046H**	PR 142-083 HR Tan	.18	4,5	.06	1,6	.25	6,4	118	1
		.11	2,7	.14	3,6	**9048H**	PR 142-106 HR Tan	.20	5,0						
		.12	3,0	.16	4,0	**9050H**	PR 142-118 HR Tan	.22	5,6						
		.10	2,5	.14	3,5	**9058H**	PR 161-098 HR Tan	.20	5,0						
		.14	3,5	.18	4,5	**9060H**	PR 161-138 HR Tan	.24	6,0						
.161	4,1	.18	4,5	.22	5,5	**9062H**	PR 161-177 HR Tan	.28	7,0	.07	1,8	.32	8,0	196	1
		.22	5,5	.26	6,5	**9064H**	PR 161-217 HR Tan	.32	8,0						
		.30	7,5	.34	8,5	**9068H**	PR 161-295 HR Tan	.39	10,0						

Standard color tan (beige).

- Molded from Nylon 4/6 94V-2 - **heat resistant to 266°F (130°C)**.
- Automotive **tan** (beige) color.
- Designed for fast and easy installation with no tools - just fingertip pressure required.
- Simply place rivet into the hole and press down on the head to fasten; legs expand to securely fasten components.
- Part Description Key: PR X-Y where X = Mounting Hole Diameter (inches) and Y = minimum Panel Thickness (inches).
- Standard Pack - 1,000/bag.

Quick Specs

Material	Nylon 4/6
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 266°F (130°C)

STANDARD PACK 1,000/BAG

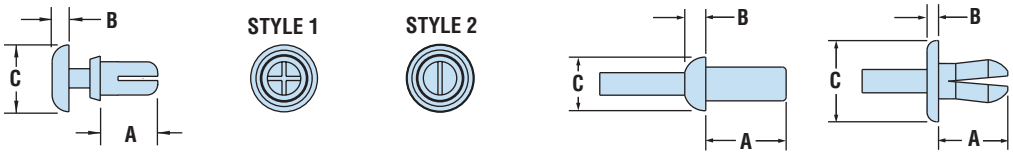
ALL NEW PRODUCTS!

HEYClip™ Countersunk Type H Rivets

- Flat, **chamfered rivet head** for **easier disassembly** when required.
- Accommodate countersunk hole specification DIN ISO 7721.
- The "H" type rivet is designed with a flat head for fast and easy installation, without any tools.
- Simply place rivet into the hole and press down on the head to fasten.
- Part Description Key: PRH X-Y where X = Mounting Hole Diameter (inches) and Y = minimum Panel Thickness (inches).
- Standard Material: Nylon 6. Nylon 6/6 UL 94V-0 available by special order, consult Heyco.
- Standard Pack - 1,000/bag.

WILL FIT THESE PANELS						PART NO.			DESCRIPTION	PART DIMENSIONS						EXTRACTION FORCE	
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS								A Length		B Head Height		C Head Diameter			
		Min.		Max.		Black	White	V-0 Black									Style
in.	mm.	in.	mm.	in.	mm.			*		in.	mm.	in.	mm.	in.	mm.	N	
PRH Series																	
.102	2,6	.22	5,5	.26	6,5	**9118**	**9119**	**9118F**	PRH 102-217	.33	8,5	.03	0,7	.18	4,6	49	1
.122	3,1	.04	1,0	.08	2,0	**9156**	**9157**	**9156F**	PRH 122-039	.14	3,5	.04	1,0	.25	6,4	78	1
		.08	2,0	.12	3,0	**9158**	**9159**	**9158F**	PRH 122-079	.18	4,5						
		.12	3,0	.16	4,0	**9160**	**9161**	**9160F**	PRH 122-118	.22	5,5						
		.16	4,0	.19	5,0	**9162**	**9163**	**9162F**	PRH 122-157	.26	6,5	.04	1,0	.24	6,0		
		.20	5,0	.24	6,0	**9164**	**9165**	**9164F**	PRH 122-197	.31	7,5						
		.22	5,5	.26	6,5	**9166**	**9167**	**9166F**	PRH 122-217	.32	8,0						
		.26	6,5	.30	7,5	**9168**	**9169**	**9168F**	PRH 122-256	.35	9,0	.04	1,0	.25	6,4		
		.30	7,5	.34	8,5	**9170**	**9171**	**9170F**	PRH 122-295	.39	10,0						
.142	3,6	.04	1,0	.08	2,0	**9172**	**9173**	**9172F**	PRH 142-039	.14	3,5	.04	1,0	.25	6,4	118	2
		.08	2,0	.12	3,0	**9174**	**9175**	**9174F**	PRH 142-079	.19	4,5						
		.12	3,0	.16	4,0	**9176**	**9177**	**9176F**	PRH 142-118	.22	5,5	.04	1,0	.24	6,0		
		.14	3,5	.18	4,5	**9178**	**9179**	**9178F**	PRH 142-138	.24	6,0						
		.18	4,5	.22	5,5	**9180**	**9181**	**9180F**	PRH 142-177	.28	7,0						
		.22	5,5	.26	6,5	**9182**	**9183**	–	PRH 142-217	.32	8,0						

Standard colors black and white.
*Black nylon 6/6 UL 94V-0.



PRH Series

DR Series

HEYClip™ Push (aka Drive) Rivets

- Install by placing rivet into hole and pushing the drive pin into the rivet to expand legs and lock in place.
- No tools required.
- Part Description Key: DR X-Y where X = Mounting Hole Diameter (inches) and Y = minimum Panel Thickness (inches).
- Standard Pack - 1,000/bag.

WILL FIT THESE PANELS						PART NO.		DESCRIPTION	PART DIMENSIONS						
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS							A Length		B Head Height		C Head Diameter		
		Min.		Max.		Black	Natural								
in.	mm.	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	
DR Series															
.161	4,1	.10	2,5	.14	3,5	**9141**	**9142***	DR 161-098	.20	5,0	.09	2,2	.31	8,0	
.187	4,8	.04	1,0	.38	9,5	**9184**	**9185**	DR 189-039	.42	10,7	.06	1,5	.28	7,1	
		.16	4,0	.28	7,1	**9186**	**9187**	DR 189-158	.38	9,7	.06	1,5	.43	10,9	
.218	5,5	.09	2,4	.16	4,0	**9188**	**9189**	DR 217-094	.45	11,4	.08	2,0	.37	9,4	
.250	6,4	.06	1,5	.25	6,4	**9190**	**9191**	DR 252-059	.37	9,3	.19	4,7	.44	11,1	
		.28	7,1	.50	12,7	**9192**	**9193**	DR 252-280	.62	15,8	.08	2,0	.47	11,9	

Standard colors black and natural.
*Standard color white.

Quick Specs

Material	**PRH Series** - Nylon 6 **DR Series** - Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 185°F (85°C)

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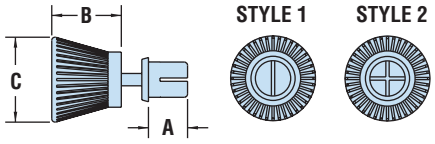
STANDARD PACK 1,000/BAG

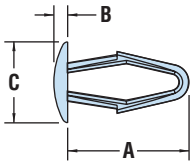
HEYClip™ Releasable Type T Rivets

WILL FIT THESE PANELS MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS Min.		Max.		PART NO. Black	White	DESCRIPTION	PART DIMENSIONS A Length		B Head Height		C Head Diameter		STYLE
in.	mm.	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	
KR Series															
.122	3,1	.04	1,0	.08	2,0	**9088**	**9089**	KR 122-039	.14	3,5	.32	8,0	.39	10,0	1
		.08	2,0	.12	3,0	**9090**	**9091**	KR 122-079	.18	4,5					
		.12	3,0	.16	4,0	**9092**	**9093**	KR 122-118	.22	5,5					
		.16	4,0	.20	5,0	**9094**	**9095**	KR 122-157	.26	6,5					
		.20	5,0	.24	6,0	**9194**	**9195**	KR 122-197	.30	7,5					
		.22	5,5	.26	6,5	**9096**	**9097**	KR 122-217	.32	8,0					
.142	3,6	.04	1,0	.08	2,0	**9098**	**9099**	KR 142-039	.14	3,5	.32	8,0	.39	10,0	2
		.08	2,0	.12	3,0	**9100**	**9101**	KR 142-079	.18	4,5					
		.12	3,0	.16	4,0	**9102**	**9103**	KR 142-118	.22	5,5					
		.14	3,5	.18	4,5	**9104**	**9105**	KR 142-137	.24	6,0					
		.18	4,5	.22	5,5	**9106**	**9107**	KR 142-177	.28	7,0					
		.22	5,5	.26	6,5	**9196**	**9197**	KR 142-217	.32	8,0					
.161	4,1	.10	2,5	.14	3,5	**9108**	**9109**	KR 161-098	.20	5,0	.32	8,0	.47	12,0	2
		.14	3,5	.18	4,5	**9110**	**9111**	KR 161-137	.24	6,0					
		.18	4,5	.22	5,5	**9112**	**9113**	KR 161-177	.28	7,0					
		.22	5,5	.26	6,5	**9114**	**9115**	KR 161-217	.32	8,0					
		.26	6,5	.30	7,5	**9198**	**9199**	KR 161-256	.35	9,0					
		.30	7,5	.34	8,5	**9116**	**9117**	KR 161-295	.39	10,0					

Standard colors black and white.



KR Series



DF Series

- The "T" style rivet is designed with a **large finger grip**, knob-shaped head for optimal installation and removal by simply pushing or pulling the rivet from the hole.
- Can be used multiple times.
- Part Description Key: KR X-Y where X = Mounting Hole Diameter (inches) and Y = minimum Panel Thickness (inches).
- Standard Material: Nylon 6. Nylon 6/6 UL 94V-0 available by special order, consult Heyco.
- Standard Pack - 1,000/bag.

HEYClip™ Drive Fasteners

WILL FIT THESE PANELS MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS Min.		Max.		PART NO. Black	Natural	DESCRIPTION	PART DIMENSIONS A Length		B Head Height		C Head Diameter	
in.	mm.	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
DF Series														
.125	3,2	.04	1,0	.18	4,5	**9201**	**9202**	DF 125-039	.51	13,0	.06	1,5	.31	8,0
.154	3,9	.04	1,0	.20	5,0	**9203**	**9204**	DF 154-039	.55	14,0	.06	1,6	.35	9,0
.185	4,7	.04	1,0	.22	5,5	**9205**	**9206**	DF 185-039	.59	15,0	.07	1,7	.39	10,0
						9126	**9127**	DF 185-039-1	.59	15,0	.11	2,9	.43	11,0
.250	6,4	.06	1,5	.26	6,5	**9128**	**9129**	DF 250-059	.67	17,0	.08	2,0	.47	12,0
.307	7,8	.06	1,5	.28	7,0	**9207**	**9208**	DF 307-059	.75	19,0	.09	2,2	.55	14,0
.217	5,5	.24	6,0	.35	9,0	**9209**	**9210**	DF 217-236	.71	18,0	.08	2,0	.47	12,0

Standard colors black and natural.

- Heyco Drive Fasteners help secure and fasten components and/or panels to a wide variety of materials such as wood, metal, particle board, plastic and rubber.
- Hollow body design increases flexibility, for easy installation.
- Part Description Key: DF XXX-YYY where XXX = Mounting Hole Diameter (inches) and YYY = minimum Panel Thickness (inches).

	KR Series	DF Series
Material	Nylon 6	Acetal (POM)
Flammability Rating	94V-2	94-HB
Temperature Range	-.4°F (-18°C) to 185°F (85°C)	-.4°F (-18°C) to 220°F (104°C)

Quick Specs

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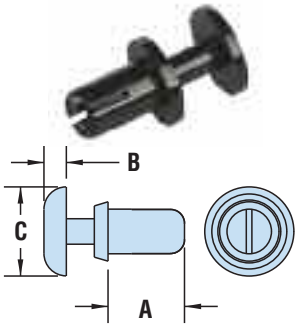
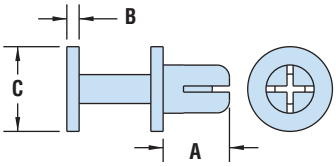


PRP Series Style 1



PRP Series Style 2

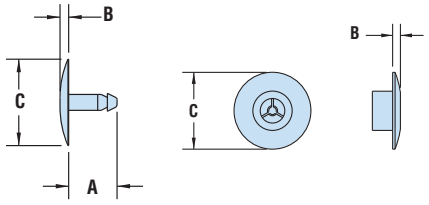
HEYClip™ Type P Snap Rivets

Polysulfone High Temperature Snap Rivets

WILL FIT THESE PANELS						PART NO.	DESCRIPTION	PART DIMENSIONS						STYLE
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS						A Length		B Head Height		C Head Diameter		
		Min.		Max.										
in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.	
PRP Series														
		.078	2.0	.118	3.0	**9349**	PRP 122-079	.18	4,5					
.122	3,1	.118	3.0	.157	4.0	**9350**	PRP 122-118	.22	5,6	.06	1,6	.25	6,4	1
.161	4,1	.157	4.0	.197	5.0	**9351**	PRP 122-157	.26	6,5	.04	1,0	.28	7,0	2

Standard color black.

SSRP Series



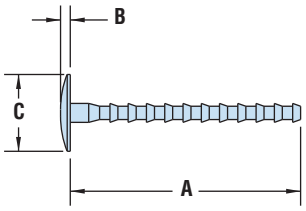
SSRPT Series

HEYClip™ Shorty Snap Rivets

Two Piece Snap Together Rivets

WILL FIT THESE PANELS				PART NO.	DESCRIPTION	PART DIMENSIONS						STYLE
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS				A Length		B Head Height		C Head Diameter		
in.	mm.	in.	mm.	Natural		in.	mm.	in.	mm.	in.	mm.	
SSRP Series - Pin fits a .125˝ (3,2 mm) diameter hole												
.125	3,2	.030	0,8	**4064**	SSRP-030	.06	1,6	.09	2,3	.40	10,2	1
		.062	1,6	**4065**	SSRP-062	.10	2,4					
		.100	2,5	**4069**	SSRP-100	.13	3,4					
		.125	3,2	**4071**	SSRP-125	.16	4,0					
		.187	4,8	**4073**	SSRP-187	.22	5,6					
		.250	6,4	**4075**	SSRP-250	.28	7,2					
FEMALE CAP for the above parts				**4077**	SSRC	n/a		.10	2,5	.40	10,2	2
SSRPT Series - Cap fits a .320˝ (8,1 mm) diameter hole												
.320	8,1	.170 - .190	4,3 - 4,8	**4715**	SSRPT-190	.21	5,3	.06	1,6	.40	10,2	3
		.220 - .240	5,6 - 6,1	**4716**	SSRPT-220	.26	6,6					
		.320 - .340	8,1 - 8,6	**4717**	SSRPT-340	.35	8,9					
		.320 - .600	8,1 - 15,2	**4718**	SSRPT-600	.63	16,0	.06	1,6			
		ADJUSTABLE		**4714**	SSRPT-ADJ	1.50	38,1	.06	1,6	.50	12,7	4
FEMALE CAP for the above parts				**4719**	SSRCT	n/a		.06	1,6	.63	15,9	5

Standard color natural.



4714

RR Series

HEYClip™ Ratchet Rivets

WILL FIT THESE PANELS						PART NO.	DESCRIPTION	PART DIMENSIONS					
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS						A Length		B Head Height		C Head Diameter	
		Min.		Max.									
in.	mm.	in.	mm.	in.	mm.	Natural		in.	mm.	in.	mm.	in.	mm.
RR Series													
.281	7,1	.235	6,0	.297	7,5	**12480**	RR 0297-41	.23	5,7	.06	1,6	.41	10,3
		.345	8,8	.500	12,7	**12481**	RR 0500-41	.34	8,7				
		.500	12,7	.813	20,7	**12482**	RR 0813-41	.49	12,4				
		.780	19,8	1.375	34,9	**12483**	RR 1375-41	.77	19,5				
		.235	6,0	.298	7,6	**12484**	RR 0298-75	.23	5,7	.09	2,4	.75	19,1
		.345	8,8	.500	12,7	**12485**	RR 0500-75	.34	8,7				
		.500	12,7	.812	20,6	**12486**	RR 0812-75	.49	12,4				
		.780	19,8	1.375	34,9	**12487**	RR 1375-75	.77	19,5				

Standard color natural.

	PRP	Shorty Snap & Ratchet Rivet
Material	Polysulfone (PSU)	Nylon 6/6
Flammability Rating	94-HB	94 V-2
Temperature Range	32°F (0°C) to 302°F (150°C)	32°F (0°C) to 185°F (85°C)

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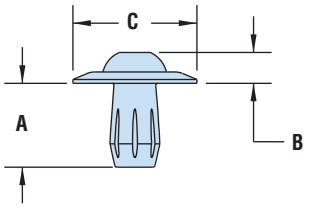
HEYClip™ Unscrewing Snap Rivets

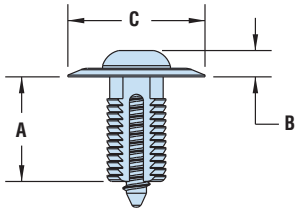
- Phillips head screw driver required for removal.

WILL FIT THESE PANELS						PART NO.	DESCRIPTION	PART DIMENSIONS						STYLE
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS						A Length		B Head Height		C Head Diameter		
		Min.		Max.										
in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.	
HUSR Series														
.197	5,0	.059	1,5	.236	6,0	**4330**	HUSR 197-158	.43	11,0	.15	3,9	.47	12,0	1
.236	6,0					**4331**	HUSR 236-059	.43	11,0	.15	3,9	.63	16,0	
.315	8,0	.118	3,0	.394	10,0	**4332**	HUSR 315-118	.55	14,0	.16	4,0	.79	20,0	2
		.276	7,0	.315	8,0	**4333**	HUSR 315-276	.80	20,3	.14	3,6	.79	20,0	3

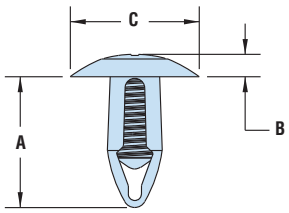
Standard color black.



Style 1



Style 2

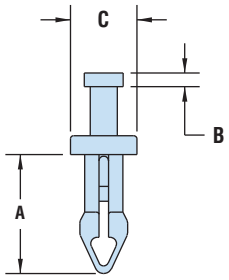


Style 3

HEYClip™ Mini Tough Rivets

WILL FIT THESE PANELS						PART NO.	DESCRIPTION	PART DIMENSIONS					
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS						A Length		B Head Height		C Head Diameter	
		Min.		Max.									
in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
MTR Series													
.125	3,2	.155	3,9	.180	4,6	**12475**	MTR 180-125	.37	9,4	.05	1,3	.22	5,5
.150	3,8	.265	6,7	.290	7,4	**12477**	MTR 290-150	.47	11,9	.05	1,3	.30	7,6

Standard color black.

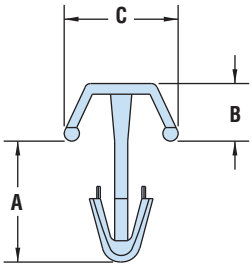


MTR Series

HEYClip™ Mounting Buttons

WILL FIT THESE PANELS						PART NO.	DESCRIPTION	PART DIMENSIONS					
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS						A Length		B Head Height		C Head Diameter	
		Min.		Max.									
in.	mm.	in.	mm.	in.	mm.	Natural		in.	mm.	in.	mm.	in.	mm.
HMP Series													
		.031	0,8	.100	2,4	**4251**	HMP 156-031	.24	6.1				
		.094	2,4	.157	4,0	**4252**	HMP 156-094	.30	7.7				
		.189	4,8	.220	5,6	**4253**	HMP 156-189	.40	10.1				
		.220	5,6	.312	7,1	**4254**	HMP 156-220	.43	10.9				
.156	4,0	.312	7,9	.375	9,5	**4255**	HMP 156-312	.52	13.2	.19	4,8	.38	9,5
		.375	9,5	.437	11,1	**4256**	HMP 156-375	.58	14.8				
		.437	11,1	.500	12,7	**4257**	HMP 156-437	.65	16.4				
		.500	12,7	.563	14,3	**4258**	HMP 156-500	.71	18.0				
		.563	14,3	.625	15,9	**4259**	HMP 156-563	.77	19.6				

Standard color natural.

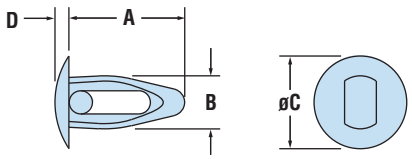


HMP Series

	HUSR & HMP	MTR
Material	Nylon 6/6	Heat stablized Nylon 6
Flammability Rating	94V-2	94 V-2
Temperature Range	32°F (0°C) to 185°F (85°C)	32°F (0°C) to 230°F (110°C)

HEYClip™ Nylon Arrow Clips

- **Hollow body design** allows the clip to compress through the mounting hole, then expand back to original shape to lock assembled components securely (PN 0306 does not have a hollow body).
- May be disassembled and reused.
- Offer a low cost way to assemble metal, plastic, composite, wood, and other thin gauge materials.
- Snap into mounting holes with fingertip pressure–no tools required.
- Vibration, abrasion, and corrosion resistant.

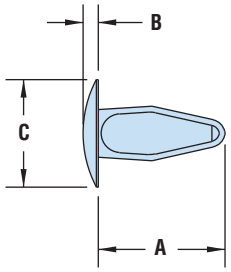


AC/ACT Series

Maximum Assembled Panel Sequence

ASSEMBLED PANEL THICKNESS RANGE Maximum		Minimum		MOUNTING HOLE DIAMETER RANGE Maximum		Minimum		PART NO. Natural	Black	DESCRIPTION	PART DIMENSIONS A Length		B Clip Dia.		C Head Dia.		D Head Height	
in.	mm.	in.	mm.	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.
AC Series For combined Panel Thickness ≤ .250" (6,4 mm)																		
.10	2,5	.04	1,0	.190	4,8	.180	4,6	**0325**	**0325B**	AC 1996	.45	11,4	.22	5,5	.36	9,1		
				.122	3,1	.118	3,0	**0315**	**0315B**	AC 15	.39	9,9	.15	3,8			.06	1,5
				.135	3,4	.130	3,3	**0302**	**0302B**	AC 2	.38	9,7	.16	4,1	.28	7,1		
.13	3,2	.06	1,6	.165	4,2	.160	4,1	**0318**	**0318B**	AC 18 *	.40	10,2	.19	4,7	.28	7,1	.08	2,0
				.192	4,9	.182	4,6	**0301**	**0301B**	AC 1	.42	10,5	.23	5,7	.36	9,1		
				.212	5,4	.192	4,9	**0328**	**0328B**	AC 28	.45	11,4	.24	6,0	.38	9,5		
				.223	5,7	.213	5,4	**0307**	**0307B**	AC 7	.45	11,4	.22	5,6	.37	9,4		
.14	3,6	.13	3,2	.132	3,4	.130	3,3	**0313**	**0313B**	AC 13	.32	8,1	.16	4,1	.28	7,1	.06	1,5
.15	3,7	.06	1,6	.161	4,1	.151	3,8	**0304**	**0304B**	AC 4	.40	10,2	.18	4,6				
.16	4,1	.06	1,6	.223	5,7	.213	5,4	**0305**	**0305B**	AC 5	.52	13,2	.25	6,3	.37	9,4		
		.17	4,2	.192	4,9	.182	4,6	**0311**	**0311B**	AC 11	.52	13,2	.21	5,2				
.19	4,7	.06	1,6	.223	5,7	.213	5,4	**0326**	**0326B**	AC 1668	.49	12,5	.25	6,3	.63	15,9	.10	2,5
		.13	3,2	.260	6,6	.250	6,4	**0309**	**0309B**	AC 9	.58	14,6	.29	7,4	.48	12,3	.07	1,8
.25	6,4	.13	3,2	.260	6,6	.250	6,4	**0321**	**0321B**	AC 21**	.63	16,0	.28	7,1	.50	12,7	.09	2,2
ACT Series For combined Panel Thickness > .250" (6,4 mm)																		
.30	7,6	.29	7,4	.150	3,8	.145	3,7	**0314**	**0314B**	AC 14	.53	13,5	.20	5,0	.27	6,9	.07	1,7
.33	8,4	.31	7,9	.192	4,9	.182	4,6	**0306**	**0306B**	AC 6 **	.55	14,0	.23	5,7	.38	9,7	.06	1,5
.34	8,6	.06	1,6	.335	8,5	.320	8,1	**0317**	**0317B**	AC 17	.90	22,9	.38	9,5	.68	17,3		
.38	9,7	.36	9,1	.260	6,6	.250	6,4	**0316**	**0316B**	AC 16	.81	20,6	.28	7,0	.61	15,5	.07	1,7
.75	19,1	.50	12,7	.260	6,6	.250	6,4	**0324**	**0324B**	AC 24**	1.14	28,8	.29	7,3				

Standard color natural. Consult Heyco for black and other colors.
*AC 18 minimum panel thickness is .03˝ (0,8 mm), head height is .08˝ (2,0 mm)
**Webbed, not hollow body.



HMB Series

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HEYClip™ Shorty Mounting Buttons

ASSEMBLED PANEL THICKNESS RANGE Maximum		Minimum		MOUNTING HOLE DIAMETER RANGE Maximum		Minimum		PART NO. Natural	Black	DESCRIPTION	PART DIMENSIONS A Length		B Clip Dia.		C Head Dia.		D Head Height	
in.	mm.	in.	mm.	in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.
HMB Series																		
.10	2,5	.08	2,0	.127	3,2	.122	3,1	**4199**	**4199B**	HMB 125-06	.33	8,4	.09	2,2	.28	7,1	.05	1,2
.16	4,0	.11	2,9	.141	3,6	.131	3,3	**4200**	**4200B**	HMB 136-06	.44	11,1	.13	3,2	.41	10,3	.07	1,7
.16	4,0	.10	2,5	.192	4,9	.181	4,6	**4201**	**4201B**	HMB 187-06	.43	10,9	.16	4,0	.50	12,7	.09	2,2

Standard color natural and black.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

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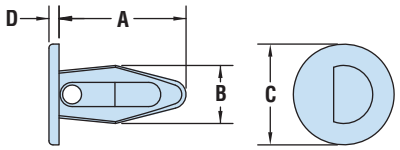
HEYClip™ Nylon Kayak Clips

Maximum Assembled Panel Sequence

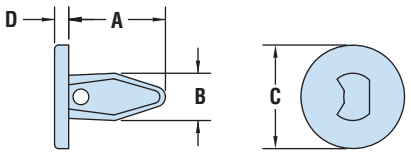
ASSEMBLED PANEL THICKNESS RANGE Maximum in.	mm.	Minimum in.	mm.	MOUNTING HOLE DIAMETER RANGE Maximum in.	mm.	Minimum in.	mm.	PART NO. Natural	DESCRIPTION	PART DIMENSIONS A Length in.	mm.	B Clip Dia. in.	mm.	C Head Dia. in.	mm.	D Head Height in.	mm.	Head Type	Style
KC Series																			
.09	2,3	.06	1,5	.140	3,6	.135	3,4	**4272**	KC 09-14	.33	8,4	.16	4,1	.30	7,6	.06	1,5	TRUSS	
.09	2,3	.06	1,5	.141	3,6	.131	3,3	**4273**	KC 09-14-1	.27	6,9	.16	4,1	.40	10,2	.15	3,8	ROUND	2
.10	2,5	.08	2,0	.127	3,2	.123	3,1	**4274**	KC 10-13	.33	8,4	.13	3,3	.27	6,9	.24	6,1	TRUSS	
.13	3,3	.08	2,0	.141	3,6	.131	3,3	**4275**	KC 13-14	.37	9,4	.17	4,3	.41	10,4	.10	2,5	PAN	1
				.205	5,2	.175	4,4	**4276**	KC 13-21	.43	10,9	.21	5,3	.50	12,7	.25	6,4	ROUND	2
		.09	2,3	.200	5,1	.185	4,8	**4277**	KC 13-20	.44	11,2	.21	5,3	.37	9,4	.05	1,3	BINDING	
.14	3,6	.07	1,8	.150	3,8	.125	3,2	**4278**	KC 14-15	.43	10,9	.16	4,1	.30	7,6	.10	2,5	ROUND	1
.16	4,1	.10	2,5	.192	4,9	.182	4,6	**4279**	KC 16-19	.43	10,9	.21	5,3	.37	9,4	.06	1,5	TRUSS	
		.09	2,3	.200	5,1	.185	4,7	**4282**	KC 16-20	.44	11,2	.21	5,3	.38	9,7	.06	1,5	BINDING	2
.21	5,3	.09	2,3	.220	5,6	.200	5,1	**4283**	KC 21-22	.50	12,7	.24	6,1	.52	13,2	.07	1,8	PAN	
		.08	2,0	.275	7,0	.240	6,1	**4284**	KC 21-28	.63	16,0	.29	7,4	.50	12,7	.05	1,3	BINDING	
.22	5,6	.10	2,5	.280	7,1	.245	6,2	**4285**	KC 22-28	.63	16,0	.29	7,4	.86	21,8	.09	2,3	TRUSS	1
				.260	6,6	.240	6,1	**4286**	KC 22-26	.46	11,7	.29	7,4	.45	11,4	.06	1,5	PAN	

Standard color natural. Consult Heyco for black and other colors.

- A low cost **replacement for screws and rivets**.
- Snap into round mounting holes.
- Fasten securely into a variety of materials.
- Ideal for assembling lightweight panels and components.



Style 1



Style 2

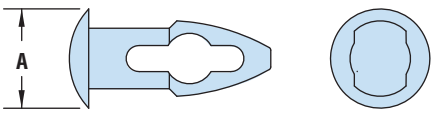
HEYClip™ Nylon Holster Clips

Mounting Hole Diameter/Assembled Panel Thickness Sequence

MOUNTING HOLE DIA. in.	mm.	ASSEMBLED PANEL THICKNESS in.	mm.	PART NO. Natural	DESCRIPTION	HEAD DIAMETER in.	mm.
HHC Series							
.219	5,6	.093	2,3	**4287**	HHC 09-22	.34	8,6
		.125	3,3	**4289**	HHC 13-22		
		.156	4,1	**4292**	HHC 16-22		
		.187	4,8	**4294**	HHC 19-22		
		.219	5,5	**4295**	HHC 22-22		
		.250	6,4	**4296**	HHC 25-22		
		.281	7,1	**4297**	HHC 28-22		
		.312	7,9	**4298**	HHC 31-22		
		.343	8,6	**4299**	HHC 34-22		
		.375	9,7	**4322**	HHC 38-22		
.250	6,4	.093	2,3	**4288**	HHC 09-25	.50	12,7
		.156	4,1	**4293**	HHC 16-25	.31	7,9

Standard color natural. Consult Heyco for black and other colors.

- Holster shaped interior allows the part to collapse more completely, for assembly with just **fingertip pressure**.
- Tapered, bullet-style point **slides easily** into any mounting hole.
- Angled panel locking section **takes up slack** to provide for a tight assembly.
- The design allows for a relatively large clip-diameter-to-hole-size ratio, resulting in **higher retention force**.
- Consult Heyco for other mounting hole and panel thickness **variations**.



Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

Quick Specs

HEYClip™ Nylon Push-In and Thick Panel Push-In Fasteners

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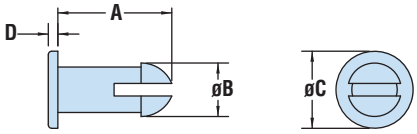
Assembled Panel Thickness Sequence

- **Slotted leg design** allows for both compression through the mounting hole and then expansion back to original shape–to lock assembled components securely.
- May be disassembled and reused.
- Offer a low cost way to assemble metal, plastic, composite, wood, and other thin gauge materials.
- Snap into mounting holes with fingertip pressure–no tools required.
- Vibration, abrasion, and corrosion resistant.



ASSEMBLED PANEL THICKNESS		MOUNTING HOLE DIA.		PART NO.		DESCRIPTION	PART DIMENSIONS							
							A Length		B Clip Dia.		C Head Dia.		D Head Height	
in.	mm.	in.	mm.	Natural	NEW! Black		in.	mm.	in.	mm.	in.	mm.	in.	mm.
PF Series For combined Panel Thickness ≧ .250" (6,4 mm)														
.07	1,7	.165	4,2	**0351**	**0351B**	PF 065-165	.20	5,1	.20	5,1	.34	8,7	.12	3,1
.09	2,4	.093	2,4	**0340**	**0340B**	PF 093-093*	.17	4,3	.11	2,7	.28	7,1	.03	0,7
.10	2,5	.245	6,2	**0384**	**0384B**	PF 098-245	.27	6,8	.28	7,1	.50	12,7	.06	1,4
.12	2,9	.125	3,2	**0339**	**0339B**	PF 115-125	.20	5,1	.15	3,7	.25	6,4	.04	1,0
.12	3,1	.089	2,3	**0341**	**0341B**	PF 121-089*	.21	5,3	.15	3,7	.31	7,9	.04	1,0
		.115	2,9	**0347**	**0347B**	PF 121-115	.25	6,2	.14	3,6	.20	5,2		
		.200	5,1	**0358**	**0358B**	PF 121-200	.27	6,9	.24	6,1	.47	11,9	.05	1,3
.13	3,4	.175	4,4	**0350**	**0350B**	PF 133-175	.27	6,9	.20	5,1	.34	8,7	.04	1,0
.16	4,0	.115	2,9	**0343**	**0343B**	PF 156-115	.29	7,4	.14	3,6	.20	5,2	.04	1,0
		.210	5,3	**0360**	**0360B**	PF 156-210	.31	7,8	.23	5,8	.47	11,9	.05	1,3
.17	4,3	.260	6,6	**0370**	**0370B**	PF 171-260	.36	9,1	.30	7,5	.59	15,1	.06	1,5
.19	4,8	.155	3,9	**0342**	**0342B**	PF 190-155	.28	7,1	.18	4,6	.20	5,2	.04	1,0
.24	6,0	.200	5,1	**0352**	**0352B**	PF 237-200	.39	9,8	.24	6,0	.47	11,9	.05	1,3
.25	6,4	.200	5,1	**0353**	**0353B**	PF 250-200	.42	10,8	.22	5,7	.34	8,7	.06	1,5
		.218	5,5	**0362**	**0362B**	PF 250-218	.36	9,1	.28	7,2	.41	10,3	.05	1,1
		.240	6,1	**0371**	**0371B**	PF 250-240	.43	10,9	.30	7,5	.59	15,1	.06	1,5
PFT Series For combined Panel Thickness > .250" (6,4 mm)														
.27	6,9	.155	4,0	**0303**	-	PFT 27-16	.40	10,0	.21	5,3	.38	9,5	.07	1,7
.27	6,9	.240	6,1	**0308**	-	PFT 27-24	.46	11,7	.30	7,6	.45	11,4	.06	1,5
.28	7,0	.240	6,1	**0310**	-	PFT 28-24	.46	11,7	.30	7,6	.45	11,4	.04	1,0
.32	8,1	.157	4,0	**0312**	-	PFT 32-16	.43	10,9	.21	5,3	.39	9,9	.05	1,3
.32	8,1	.118	3,0	**0319**	-	PFT 32-12	.40	10,2	.15	3,7	.23	5,9	.03	0,8
.34	8,6	.174	4,4	**0322**	-	PFT 34-17	.51	13,0	.25	6,4	.33	8,4	.07	1,8
.37	9,4	.245	6,2	**0323**	-	PFT 37-25	.55	14,0	.30	7,6	.59	15,0	.13	3,3
.38	9,7	.200	5,1	**0361**	-	PFT 38-20	.51	13,0	.24	6,0	.34	8,7	.04	1,0
		.240	6,1	**0327**	-	PFT 38-24	.56	14,2	.30	7,6	.59	15,0	.06	1,5
.40	10,2	.135	3,4	**0329**	-	PFT 40-14	.54	13,7	.16	4,1	.28	7,1	.08	2,0
.41	10,3	.275	7,0	**0330**	-	PFT 41-28	.57	14,5	.32	8,1	.59	15,0	.06	1,5
.43	10,8	.135	3,4	**0331**	-	PFT 43-14	.64	16,3	.16	4,1	.42	10,7	.09	2,3
.48	12,2	.240	6,1	**0332**	-	PFT 48-24	.67	17,0	.30	7,6	.59	15,0	.06	1,5
.55	14,0	.180	4,6	**0333**	-	PFT 55-18	.71	18,0	.23	5,8	.35	8,9	.07	1,8
.70	17,8	.245	6,2	**0334**	-	PFT 70-25	.90	22,9	.34	8,6	.50	12,7	.08	2,0
.88	22,4	.246	6,3	**0335**	-	PFT 88-24	1.12	28,5	.28	7,1	.38	9,7	.06	1,5
		.250	6,4	**0336**	-	PFT 88-25	1.13	28,7	.31	7,9				
.89	22,6	.260	6,6	**0337**	-	PFT 89-26	.95	24,1	.34	8,6	.41	10,4	.07	1,8
1.00	25,4	.345	8,9	**0338**	-	PFT 100-35	1.38	35,1	.45	11,4	.50	12,7	.07	1,8
1.02	25,9	.350	8,9	**0344**	-	PFT 102-35	1.40	35,6	.48	12,2	.50	12,7	.06	1,5

Standard color natural. Consult Heyco for black and other colors.

*No slot.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	32°F (0°C) to 185°F (85°C)

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ALL NEW PRODUCTS!

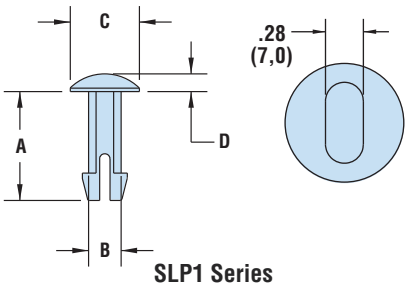
HEYClip™ Nylon Snap Lock Pins

Assembled Panel Thickness Sequence

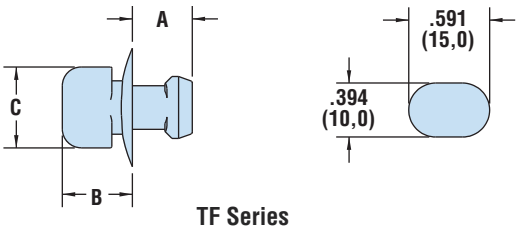
MOUNTING HOLE DIA.		ASSEMBLED PANEL THICKNESS		PART NO.	DESCRIPTION	PART DIMENSIONS							
						A Length		B Clip Dia.		C Head Dia.		D Head Height	
in.	mm.	in.	mm.	Natural		in.	mm.	in.	mm.	in.	mm.	in.	mm.
SLP1 Series													
		.177	4,5	**12040**	SLP1-177	.26	6,6						
		.221	5,6	**12041**	SLP1-221	.30	7,6						
		.236	6,0	**12042**	SLP1-236	.31	7,9						
		.245	6,2	**12043**	SLP1-245	.32	8,1						
		.307	7,8	**12044**	SLP1-307	.39	9,9						
.098	2,5	.316	8,0	**12045**	SLP1-316	.40	10,0	.09	2,4	.20	5,1	.05	1,3
		.330	8,4	**12046**	SLP1-330	.41	10,4						
		.413	10,5	**12047**	SLP1-413	.49	12,4						
		.638	16,2	**12048**	SLP1-638	.72	18,3						
		.660	16,8	**12049**	SLP1-660	.74	18,8						
		.701	17,8	**12050**	SLP1-701	.78	19,8						

Standard color natural. Consult Heyco for black and other colors.

- Used to fix connectors to the printed circuit board prior to wave soldering.



SLP1 Series



TF Series

HEYClip™ Turn Fastener

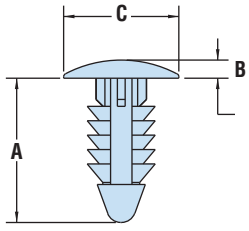
WILL FIT THESE PANELS MOUNTING SLOT DIA.		ASSEMBLED PANEL THICKNESS Min.		ASSEMBLED PANEL THICKNESS Max.		PART NO.	DESCRIPTION	PART DIMENSIONS					
								A Length		B Head Height		C Head Length	
in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.	in.	mm.	in.	mm.
TF Series													
.394	10,0	.24	6,0	.28	7,0	**9087**	TF 394-236	.44	11,1	.51	13,0	.59	15,0

Standard color black.

- For use with combined panel thicknesses between .24" (6,0 mm) and .28" (7,0 mm).
- Part Description Key:
  TF X-YYY where XXX = Mounting Hole Diameter (inches) and YYY = minimum Panel Thickness (inches)

HEYClip™ Nylon Pawl Lock

MOUNTING HOLE DIA.		PART NO.	DESCRIPTION	PART DIMENSIONS					
				A Length		B Head Height		C Head Diameter	
in.	mm.	Natural		in.	mm.	in.	mm.	in.	mm.
.250	6,4	**10676**	HPL - 1	.63	15,9	.08	2,0	.50	12,7



HPL-1 Series

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-.4°F (-18°C) to 185°F (85°C)

HEYCO

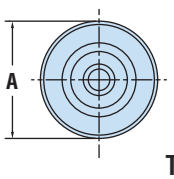
Heyco® Rubber Push-In Bumpers

- **Rubber bumpers are designed for through hole installation.**
- Designed to fit snugly into your opening and not let air, water, etc. pass through.
- Can also be used as feet.
- For Heyco Adhesive-Backed Bumpers see page 75.
- Part Description Key: RGB X-Y-Z where X = Mounting Hole Diameter (inches), Y = Base Diameter (inches), and Z/32 = Base Height (inches).

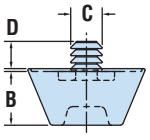
PANEL DIMENSIONS				PART NO.	DESCRIPTION	MATERIAL	PART DIMENSIONS							
Mounting Hole Dia.		Maximum Thickness		Black			A Base Diameter		B Base Height		C Insert Diameter		D Insert Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.
Type H														
.203	5,2	.078	2,0	**G3116**	RGB 203-812-6	Santoprene	.81	20,6	.19	4,7	.22	5,6	.20	5,1
				G3117	RGB 203-812-8	Santoprene	.81	20,6	.25	6,4				
				G3118	RGB 203-812-12	Santoprene	.81	20,6	.38	9,5				
Type D														
.218	5,5	.093	2,4	**G2016**	RGB 218-406-6	SBR	.41	10,4	.19	4,8	.28	7,1	.09	2,3
.250	6,4	.047	1,2	**G2020**	RGB 250-500-6	SBR	.50	12,7	.17	4,3	.31	7,9	.19	4,8
.312	7,9	.062	1,6	**G2035**	RGB 312-375-5	SBR	.38	9,7	.16	4,1	.38	9,7	.16	4,1
.328	8,3	.094	2,4	**G2039**	RGB 328-846-6	SBR	.85	21,5	.19	4,8	.42	10,7	.27	6,9
.500	12,7	.125	3,2	**G2043**	RGB 500-1000-6	SBR	1.00	25,4	.19	4,8	.63	16,0	.13	3,3
Type T1														
.118	3,0	.098	2,5	**G2000**	RGB 118-236-4	EPDM	.24	6,1	.12	3,0	.20	5,1	.47	11,9
.177	4,5	.059	1,5	**G2006**	RGB 177-334-9	SBR	.33	8,4	.30	7,6	.24	6,1	.73	18,5
.218	5,5	.125	3,2	**G2017**	RGB 218-875-6	SBR	.88	22,4	.17	4,3	.34	8,7	.48	12,2
Type T2*														
.187	4,7	.047	1,2	**G2009**	RGB 187-250-6	SBR	.25	6,4	.19	4,7	.23	5,8	.34	8,6

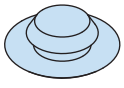
Standard color black.

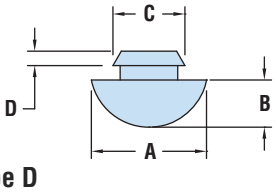
*Designed for pull through applications.



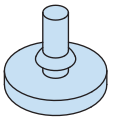
Type H

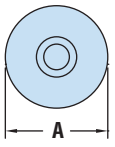




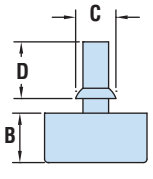


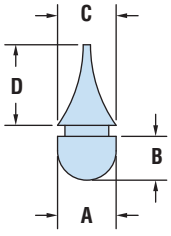
Type D





Type T1





Type T2

Quick Specs

Material	TPE, SBR, or EPDM
Temperature Range	-40°F (-40°C) to 221oF (105°C)

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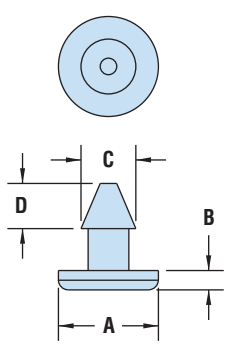
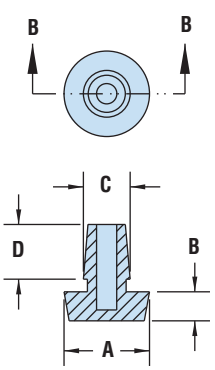
Heyco® Rubber Push-In Bumpers

PANEL DIMENSIONS				PART NO.	DESCRIPTION	MATERIAL	PART DIMENSIONS							
Mounting Hole Dia.		Maximum Thickness		Black			A Base Diameter		B Base Height		C Insert Diameter		D Insert Height	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.	in.	mm.
Type F1														
.156	4,0	.031	0,8	**G2004**	RGB 156-375-3	SBR	.38	9,7	.09	2,3	.22	5,6	.11	2,8
.250	6,4	.062	1,6	**G2024**	RGB 250-500-5	SBR	.50	12,7	.16	4,1	.31	7,9	.13	3,3
			1,6	**G2025**	RGB 250-500-8	SBR	.50	12,7	.25	6,4				
		.125	3,2	**G2027**	RGB 250-562-4	SBR	.56	14,2	.13	3,3	.34	8,6		
.281	7,1	.078	2,0	**G2031**	RGB 281-562-4	SBR	.56	14,2	.13	3,3	.38	9,7	.16	4,1
		.125	3,2	**G2032**	RGB 281-625-11	SBR	.63	16,0	.34	8,6	.44	11,2	.17	4,3
.500	12,7	.188	4,8	**G2044**	RGB 500-1000-10	SBR	1.00	25,4	.31	7,9	.69	17,5	.19	4,8
Type F2														
.187	4,7	.062	1,6	**G2012**	RGB 187-375-4	SBR	.38	9,7	.13	3,3	.25	6,4	.13	3,3
.188	4,8	.062	1,6	**G2013**	RGB 188-500-3	Nitrile	.50	12,7	.09	2,3	.25	6,4	.19	4,8
.250	6,4	.050	1,3	**G2021**	RGB 250-562-12	SBR	.56	14,2	.38	9,7	.34	8,6	.27	6,9
		.062	1,6	**G2022**	RGB 250-375-4	SBR	.38	9,7	.13	3,3	.31	7,9	.06	1,5
				G2023	RGB 250-375-4R*									
		.125	3,2	**G2026**	RGB 250-406-7	Nitrile	.41	10,4	.22	5,6	.34	8,6		
.281	7,1	.047	1,2	**G2029**	RGB 281-500-2	Nitrile	.50	12,7	.06	1,5	.38	9,7	.16	4,1
				G2030	RGB 281-500-4	SBR	.50	12,7	.13	3,3				
.312	7,9	.047	1,2	**G2034**	RGB 312-1250-3	SBR	1.25	31,8	.09	2,3	.44	11,2	.08	2,0
		.078	2,0	**G2036**	RGB 312-875-4	SBR	.88	22,4	.13	3,3	.50	12,7	.06	1,5
Type F3														
.156	4,0	.109	2,8	**G2007**	RGB 156-500-2	SBR	.50	12,7	.06	1,5	.25	6,4	.08	2,0
.188	4,8	.047	1,2	**G2010**	RGB 188-312-4	SBR	.31	7,9	.13	3,3	.25	6,4	.09	2,3
.187	4,7	.050	1,3	**G2011**	RGB 187-375-8	SBR	.38	9,7	.25	6,4				
.188	4,8	.078	2,0	**G2014**	RGB 188-338-6**	SBR	.34	8,6	.17	4,3	.25	6,4	.30	7,6
.250	6,4	.047	1,2	**G2019**	RGB 250-437-6	SBR	.44	11,2	.19	4,8	.31	7,9	.13	3,3
.312	7,9	.094	2,4	**G2037**	RGB 312-625-8	SBR	.63	16,0	.25	6,4	.38	9,7		
Special Bumpers NEW!														
.148	3,8	.125	3,3	**G2003**	RGB 148-310-1	TPE	.31	7,9	.06	1,5	.17	4,3	.14	3,6
.180	4,6	.062	1,6	**G2005**	RGB 180-310-3	TPE	.31	7,9	.09	2,3	.24	6,1	.12	3,0
.238	6,0	.075	1,9	**G2015**	RGB 238-620-6**	TPE	.53	13,4	.18	4,6	.29	7,4	.34	8,6
.281	7,1	.051	1,3	**G2028**	RGB 281-620-6**	TPE	.62	15,7	.20	5,1	.34	8,6	.16	4,1
.378	9,6	.063	1,6	**G2038**	RGB 378-500-15**	TPE	.50	12,7	.48	12,2	.50	12,7	.14	3,6

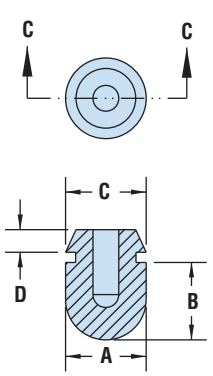
Standard color black. *Part number G2023 has a round insertion head. **Part has a hollow core.



G2003 & G2005

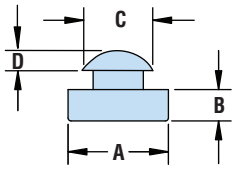


G2015 & G2028

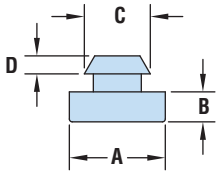


G2038

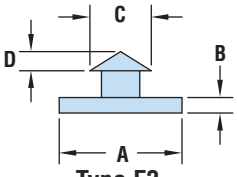
- **Rubber bumpers are designed for through hole installation.**
- Designed to fit snugly into your opening and not let air, water, etc. pass through.
- Can also be used as feet.
- For Heyco Adhesive-Backed Bumpers see page 75.
- Part Description Key: RGB X-Y-Z where X = Mounting Hole Diameter (inches), Y = Base Diameter (inches), and Z/32 = Base Height (inches).



Type F1



Type F2



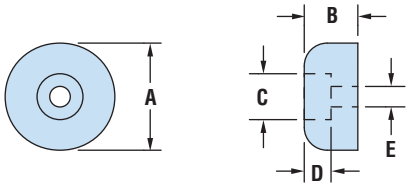
Type F3

Material	SBR or Nitrile
Temperature Range	-40°F (-40°C) to 221°F (105°C)

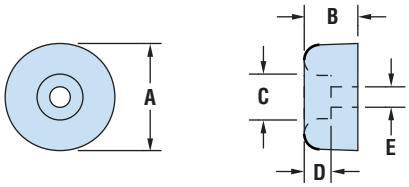
Quick Specs

Heyco® Screw-In Rubber Pocket Bumpers

- **Bumpers can be used as mounting feet** to prevent equipment from sliding or moving.
- Designed for through hole installation.
- 60-70 Durometer Range.
- 29 sizes available that will accommodate various mounting holes and panel thicknesses.
- Provide vibration dampening.



Type RS



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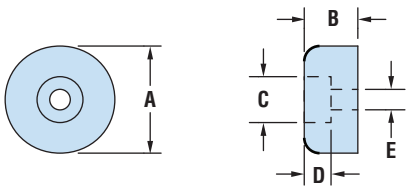

Type S

PART DIMENSIONS								BLACK PART NO.			
A Outside Diameter		B Overall Height		C Recess Diameter		D Recess Depth		No Washer	With Steel Washer	E Fastner Hole Dia.*	
in.	mm.	in.	mm.	in.	mm.	in.	mm.			in.	mm.
Type RS											
.50	12,7	.25	6,4	.25	6,4	.16	4,0	-	**G2201**	.13	3,2
.63	15,9	.38	9,5	.25	6,4	.19	4,7	-	**G2205**		
.75	19,1	.38	9,5	.32	7,9	.19	4,7	-	**G2209**	.16	4,0
.81	20,6	.72	18,3	.38	9,5	.28	7,1	-	**G2213**	.22	5,5
1.00	25,4	.81 1.00	20,6 25,4	.25 .31	6,4 7,9	.44 .63	11,1 15,9	- **G2220**	**G2217** **G2221**	.13 .16	3,2 4,0
1.09	27,7	.63	15,9	.44	11,1	.41	10,3	-	**G2225**	.19	4,7
Type RR											
.50	12,7	.25	6,4	.25	6,4	.16	4,0	-	**G2229**	.09	2,4
.75	19,1	.56 .75	14,3 19,1	.38 .31	9,5 7,9	.25 .25	6,4 6,4	- -	**G2233** **G2237**	.19 .13	4,7 3,2
.81	20,6	.81	20,6	.47	11,9	.44	11,1	-	**G2241**	.25	6,4
.94	23,8	.35	8,9	.38	9,5	.18	4,6	-	**G2245**	.19	4,7
		.38	9,5	.38	9,5	.22	5,5	**G2244**	-		
.97	24,6	.34	8,7	.38	9,5	.19	4,7	-	**G2249**		
1.00	25,4	.44	11,1	.38	9,5	.19	4,7	-	**G2253**		
		.50 .56	12,7 14,3	.50 .53	12,7 13,5	.25 .31	6,4 7,9	- -	**G2257** **G2261**	.22 .28	5,5 7,1
1.25	31,8	1.25 1.88	31,8 47,6	.38 .38	9,5 9,5	.75 .75	19,1 19,1	- -	**G2267** **G2271**	.25	6,4
1.50	38,1	.63	15,9	.50 .75	12,7 19,1	.34 .34	8,7 8,7	- **G2278**	**G2275** **G2279**	.19 .31	4,7 7,9
		.75	19,1	.47	11,9	.50	12,7	-	**G2283**	.25	6,4
1.70	43,2	1.12	28,4	.60	15,2	.72	18,3	**G2286**	-	.38	9,6
1.71	44,5	1.66	44,5	.62	15,9	.50	12,7	**G2290**			
2.50	63,5	1.00	25,4	1.13	28,6	.50	12,7	**G2294** **G2296**† **G2298**†			
		2.00	50,8	1.13	28,6	1.25	28,6	**G2302**			
Type S											
1.00	25,4	.50	12,7	.36 / .43	9,0 / 10,9	.20 / .16	5,0 / 4,1	-	**G2307**	.19	4,7
1.50	38,1	.75	19,1	.75	19,1	.38	9,5	-	**G2311**	.25	6,4

Standard color black. Standard material SBR (Styrene Butadiene Rubber), 60-70 durometer.
***Fastener not included.**
†**Part Nos. G2296** and **G2298** are made from **White** SBR, 60-70 durometer.

Quick Specs

Material	SBR
Temperature Range	-40°F (-40°C) to 221°F (105°C)

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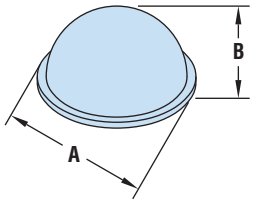
HEYCO

Heyco® Polyurethane Adhesive-Back Bumpers

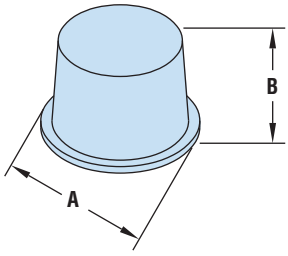
PART DIMENSIONS A Diameter in.	A Diameter mm.	B Height in.	B Height mm.	PART NO. Clear	PART NO. Black	DESCRIPTION	Pieces per Pad
HSA Series Hemi							
.25	6,4	.06	1,6	**N040**	**N140**	HBA 250-06	578
.31	7,9	.09	2,3	**N027**	**N127**	HBA 312-09	450
.34	8,6	.09	2,3	**N007**	**N107**	HBA 335-09	
.38	9,7	.15	3,8	**N012**	**N112**	HBA 375-15	200
.44	11,2	.20	5,1	**N002**	**N102**	HBA 440-20	242
.62	15,7	.31	7,9	**N015**	**N115**	HBA 620-31	128
.70	17,8	.38	9,7	**N008**	**N108**	HBA 700-38	98
CBA Series Cylinder							
.38	9,7	.19	4,8	**N035**	**N135**	CBA 370-19	200
.50	12,7	.06	1,5	**N005**	**N105**	CBA 500-06	200
		.14	3,6	**N001**	**N101**	CBA 500-14	
		.25	6,4	**N006**	**N106**	CBA 500-25	
.65	16,5	.40	10,2	**N011**	**N111**	CBA 650-40	128
.78	19,8	.20	5,1	**N041**	**N141**	CBA 780-20	84
.81	20,6	.12	3,0	**N024**	**N124**	CBA 810-12	72
CDBA Series Pocket							
.50	12,7	.14	3,6	**N018**	**N118**	CDBA 500-14	200
.88	22,4	.40	10,2	**N017**	**N117**	CDBA 880-40	72
1.81	46,0	.60	15,2	**N030**	**N130**	CDBA 1810-60	1
TBA Series Square or Tapered							
.50	12,7	.12	3,0	**N009**	**N109**	TBA 5050-12	200
.81	20,6	.30	7,6	**N019**	**N119**	TBA 8181-30	98

Standard colors clear and black. For white, gray or brown consult Heyco.

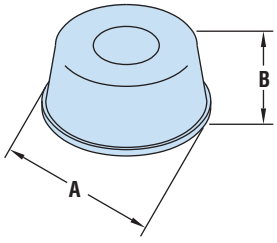
- Quick and easy installation–simply peel off backing and press into place. With no holes to drill, and no screws or rivets needed, adhesive backed bumpers will save you time and money.
- Bumpers can be attached to a wide variety of surfaces; aluminum, ceramic, formica, glass, painted surfaces, polyethylene, polypropylene, vinyl, and steel.
- Adhesive backed bumpers are nonmarking, nonstaining, skid, and scratch resistant.
- Surface must be clean, dry, and free of grease, oil, and other common solvents to obtain maximum adhesion. Clean surfaces with low strength solvents such as Isopropyl Alcohol or Heptane.
- Bumpers have a rubber-based pressure sensitive adhesive with an end use temperature of 0°F (-18°C) to 180°F (82°C).
- Standard colors clear and black. White, gray and brown available, please consult Heyco.



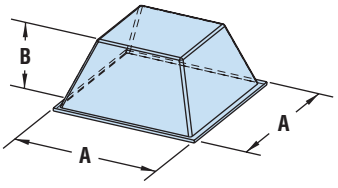
HSA-Hemi



CBA-Cylinder



CDBA-Pocket



TBA-Square or Tapered

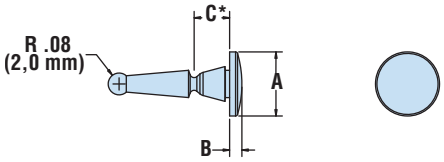
Material	Polyurethane
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E196663
Flammability Rating	HB
Temperature Range	0°F (-18°C) to 180°F (82°C)

Quick Specs

ALL NEW PRODUCTS!

Heyco® Break-Away Bumpers

- Part Description Key: RGBA X-Y-Z where X = Mounting Hole Diameter (inches), Y = Base Diameter (inches). and Z= Durometer.



G2312-G2314

PANEL DIMENSIONS				PART NO.	DESC.	MATERIAL	PART DIMENSIONS					
Mounting Hole Dia.		Thickness					A Base Diameter		B Base Height		C Insert Height*	
in.	mm.	in.	mm.	Black			in.	mm.	in.	mm.	in.	mm.
RGBA Series												
.187-.197	4,7-5,0	.02	0,5	**G2312**	RGBA 19-39-50	Silicone Rubber 50	.39	10,0	.08	2,0	.17	4,3
.197-.212	5,0-5,4	.02-.03	0,6-0,8	**G2313**	RGBA 20-47-40	Silicone Rubber 40	.47	12,0	.09	2,3	.26	6,5
				G2314	RGBA 20-47-50	Silicone Rubber 50						

Standard color black. *Approximate: after Lead Stem is broken off.

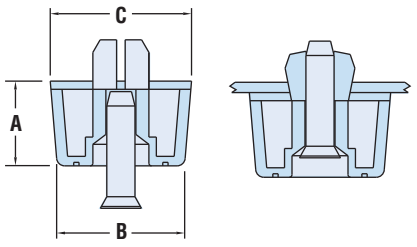
Heyco® Feets of Strength

Feet with Drive Pin

- Molded of thermoplastic elastomer or polypropylene and elastomer blend for **skid and vibration resistance**.
- Two piece construction comes preassembled.
- To install, simply insert into the mounting hole, then press pin to secure.
- Part Description Key: FSD/FSS XX-YY-ZZ where XX = Overall Height (inches), YY = Mounting Hole Diameter (inches) and ZZ = Maximum Panel Thickness (inches)

PART DIMENSIONS						PANEL DIMENSIONS						PART NO. Black	DESCRIPTION
A Overall Height		B Top Diameter		C Bottom Diameter		Mounting Hole Diameter		Thickness Range Minimum		Thickness Range Maximum			
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
FSD / FSS * Series													
.20	5,0	.98	25,0	.91	23,0	.299	7,6	.03	0,8	.06	1,5	**2543**	FSD 20-30-06
		.79	20,0	.71	18,0	.303	7,7	.03	0,8	.06	1,5	**2537**	FSD 20-32-06
.24	6,0	.83	21,0	.79	20,0	.303	7,7	.20	5,0	.32	8,0	**2544**	FSD 24-31-32
.39	10,0	.79	20,0	.71	18,0	.200	5,0	.04	1,0	.09	2,3	**2536 ***	FSS 39-20-09
						.310	7,8	.03	0,8	.06	1,5	**2545**	FSD 39-30-06
						.320	8,1	.03	0,8	.06	1,5	**2548**	FSD 39-32-06
.47	12,0	.79	20,0	.71	18,0	.320	8,1	.02	0,5	.05	1,2	**2547**	FSD 47-32-05
.55	14,0	.95	24,0	.79	20,0	.200	5,0	.04	1,0	.09	2,3	**2538 ***	FSS 55-20-09
.59	15,0	.79	20,0	.71	18,0	.320	8,1	.03	0,8	.07	1,8	**2549**	FSD 59-32-07
		1.18	30,0	1.10	28,0	.200	5,0	.02	0,5	.06	1,5	**2539 ***	FSS 59-20-06
.71	18,0	.79	20,0	.71	18,0	.320	8,1	.02	0,5	.05	1,2	**2551**	FSD 71-32-05

Standard color black. * Slotted Screw replaces Drive Pin.



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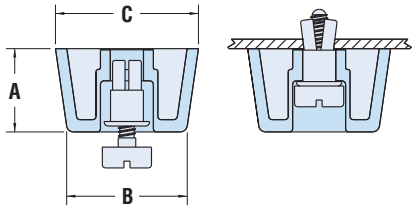
FSD



BEFORE INSERTION AFTER INSERTION

FSS

Quick Specs

Material	**RGBA**	Silicone Rubber
Temperature Range		-40°F (-40°C) to 302°F (150°C)
Material	**FSD**	Thermoplastic elastomer or Polypropylene & elastomer

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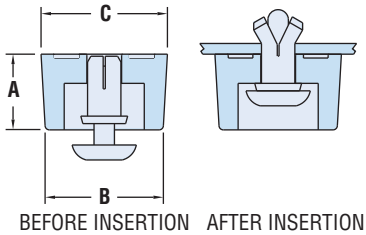
Heyco® Feets of Strength

Feet with Push Rivet

PART DIMENSIONS						PANEL DIMENSIONS						PART	DESCRIPTION
A Overall Height		B Top Diameter		C Bottom Diameter		Mounting Hole Diameter		Thickness Range Minimum		Thickness Range Maximum		NO. Black	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
FSR Series													
.16	4,0	.43	10,8	.39	10,0	.142	3,6	.02	0,5	.05	1,2	**2519**	FSR 16-14-05
								.05	1,2	.08	2,0	**2520**	FSR 16-14-08
								.06	1,5	.10	2,5	**2521**	FSR 16-14-10
								.10	2,5	.14	3,5	**2550**	FSR 16-14-14
.17	4,2	.83	21,0	.79	20,0	.165	4,2	.03	0,8	.07	1,8	**2522**	FSR 17-17-07
								.07	1,8	.11	2,8	**2523**	FSR 17-17-11
								.11	2,9	.15	3,7	**2524**	FSR 17-17-15
								.15	3,8	.19	4,8	**2525**	FSR 17-17-19
.22	5,5	.56	14,2	.53	13,5	.122	3,1	.03	0,8	.07	1,8	**2517**	FSR 22-12-07
								.07	1,8	.11	2,8	**2518**	FSR 22-12-11
.24	6,0	.59	15,0	.55	14,0	.165	4,2	.02	0,6	.04	1,0	**2500**	FSR 24-17-04
								.04	1,0	.08	2,0	**2501**	FSR 24-17-08
								.08	2,0	.12	3,1	**2502**	FSR 24-17-12
						.204	5,2	.03	0,8	.05	1,2	**2506**	FSR 24-21-05
								.05	1,3	.09	2,3	**2507**	FSR 24-21-09
.24	6,0	.83	21,0	.79	20,0	.165	4,2	.03	0,8	.07	1,8	**2526**	FSR 241-17-07
								.08	1,9	.11	2,8	**2527**	FSR 241-17-11
								.11	2,9	.16	4,0	**2528**	FSR 241-17-16
.31	8,0	.83	21,0	.79	20,0	.165	4,2	.01	0,3	.03	0,8	**2575**	FSR 31-17-03
								.03	0,8	.08	2,0	**2529**	FSR 31-17-08
								.08	2,1	.12	3,1	**2530**	FSR 31-17-12
.35	9,0	.59	15,0	.55	14,0	.165	4,2	.04	1,0	.08	2,0	**2532**	FSR 35-17-08
								.08	2,0	.12	3,1	**2533**	FSR 35-17-12

Standard color black.

- **Require only fingertip pressure** for fast, easy installation.
- May be released from inside the panel.
- Multiple sizes range in height from .217˝ (5,5 mm) to .354˝ (9,0 mm).
- Part Description Key: FSR XX-YY-ZZ where XX = Overall Height (inches), YY = Mounting Hole Diameter (inches) and ZZ = Maximum Panel Thickness (inches)



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FSR

Material	Thermoplastic Rubber (TPR)
Flammability Rating	94-HB
Temperature Range	-30°F (-34°C) to 250°F (121°C)

Quick Specs

Heyco® Feets of Strength

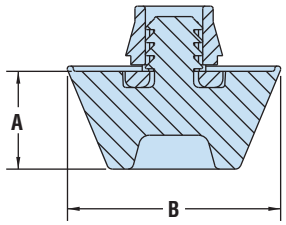
Feet with Snap-In Locking Fingers

- **Snap-in design** eliminates the installation labor needed for a screw or a rivet saving assembly time and equipment.
- Superior mounting approach as the Snap-In Bumper mounts securely into the panel while providing a strong mechanical support to the bumper when used as a mounting foot for electronic enclosures.
- Superior hold versus adhesive backed or screw/rivet bumpers.
- Designed to fit snugly into panel and is dust tight.
- Snap-In Bumpers are skid and scratch resistant and will not mark or stain surfaces.
- Lock firmly into enclosure.
- Quick and easy installation.
- Suitable for metal or plastic panels.
- Bumper constructed of EPDM rubber.
- Part Description Key:
  FSSI XX-YY-ZZ where
  XX = Overall Height (inches),
  YY = Mounting Hole Diameter (inches)
  and ZZ = Maximum Panel Thickness (inches)

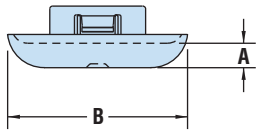
- **The low profile snap-in design** requires no screws or adhesives to securely mount into a metal or plastic base.
- The TPE top provides a durable, non-skid surface.
- Snap-In Feet ensure a liquid tight seal and can be used for indoor or outdoor applications.
- Part Description Key:
  LTBP XXX-YYY where
  XXX = Mounting Hole Diameter (inches)
  and YYY = Maximum Panel Thickness (inches)

PART DIMENSIONS				PANEL DIMENSIONS						PART NO.	DESCRIPTION
A Overall Height		B Top Diameter		Mounting Hole Diameter		Thickness Range Minimum		Thickness Range Maximum		Black	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
FSSI Series											
.19	4,7	.812	20,6	.312	7,9	.03	0,8	.06	1,6	**G3016**	FSSI 19-31-06
.25	6,3	.812	20,6	.312	7,9	.03	0,8	.06	1,6	**G3017**	FSSI 25-31-06
.38	9,5	.812	20,6	.312	7,9	.03	0,8	.06	1,6	**G3018**	FSSI 38-31-06

Standard color black.



Snap-In



Low Profile Snap-In

Low Profile Feet with Snap-In Locking Fingers

PART DIMENSIONS				PANEL DIMENSIONS						PART NO.	DESCRIPTION
A Overall Height		B Top Diameter		Mounting Hole Diameter		Thickness Range Minimum		Thickness Range Maximum		Black	
in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
LTBP Series											
.13	3,2	.55	14,0	.500	12,7	.02	0,5	.06	1,6	**C2008**	LTBP 500-063
						.06	1,6	.25	6,4	**C2058**	LTBP 500-250
		.66	16,8	.625	15,9	.02	0,5	.06	1,6	**C2012**	LTBP 625-063
						.06	1,6	.25	6,4	**C2062**	LTBP 625-250
		.78	19,8	.750	19,1	.02	0,5	.06	1,6	**C2016**	LTBP 750-063
						.06	1,6	.25	6,4	**C2066**	LTBP 750-250
		.90	22,9	.875	22,2	.02	0,5	.06	1,6	**C2020**	LTBP 875-063
						.06	1,6	.25	6,4	**C2070**	LTBP 875-250
		1.05	26,7	1.000	25,4	.02	0,5	.06	1,6	**C2022**	LTBP 1000-063
						.06	1,6	.25	6,4	**C2072**	LTBP 1000-250
		1.16	29,5	1.093	27,8	.02	0,5	.06	1,6	**C2024**	LTBP 1093-063
						.06	1,6	.25	6,4	**C2074**	LTBP 1093-250

Standard color black.

Material	**FSSI Series:** EPDM Rubber insert, Nylon 6/6 body **LTBP Series:** Nylon 6/6 and TPE co-molding
Flammability Rating	HB
Temperature Range	-40°F (-40°C) to 221°F (105°C)
IP Rating	IP 67/68 (LTBP only)

Quick Specs

PCB Supports and LED Spacers LabKit #10

(Part No. 10999)

Use Heyco LabKits!

- Heyco LabKits are perfect for product design departments, experimental labs, and for all prototype work.
- The Heyco PCB Supports and LED Spacers LabKit #10 contains an assortment of our most popular PCB Supports and LED Spacers.
- Heyco also offers LabKits for Solar Power Components, Liquid Tight Cordgrips, Strain Relief Bushings, Hole Plugs, HEYware, and Grommets.
- Parts in LabKits are available in various sizes and colors. Please consult Heyco for further information.

Heyco® HEYware LabKit #5

(Part No. 3399)

8 HEYCO® Power Components

8-1 Aluminum Solderless Connectors

8-1 Copper Lug Connectors

8-2 Copper & Aluminum Lay-In Connectors

8-2 Aluminum Neutral Bars

8-3 Wire Protector Terminal Blocks & Fixing Pin

8-4 Post to Clamp Terminal Blocks

8-4 Barrier Terminal Blocks

8-5 Screw to (2) Tab Terminal Blocks

8-5 Aluminum Modular Splice Block

8-6 Screw to (3) Tabs Terminal Blocks

8-7 Wire Connectors – Crimp On

8-7 Wire Connectors – Color Coded

8-8 Quick Connect Terminals – .020 Male Tabs

8-9 & 8-10 Quick Connect Terminals – .032 Male Tabs

8-11 & 8-12 HEYConnect Terminal Bushings

8-13 Quick Connect Terminals – Females

8-14 Quick Connect Terminals – Flags

8-15 Heavy Duty Ring & Spade Terminals

8-16 Ring & Spade Terminals

8-17 Turn-2-Lock Contacts – 15 Amp

8-18 Turn-2-Lock Contacts – 20 Amp

8-19 Turn-2-Lock Contacts – 30 Amp

8-20 Nylon Premolds

8-21 Preassembled Cordset Components – Tri-Tap Premold

8-22 Preassembled Cordset Components – Female Bridge

8-23 Preassembled Cordset Components – Male Bridge

8-24 Preassembled Cordset Components – Padded Male Bridge

8-25 Preassembled Cordset Components – IEC 320

8-25 Business Machine Female Connectors

8-26 Business Machine Male Contacts

8-27 Heavy Duty Female Blade

8-27 & 8-28 Heavy Duty Male Blades

8-29 & 8-30 Padded Male Blades

8-31 & 8-32 Full Thickness Male Blades

8-33 Full Thickness Male Blades – For Right Angle Plugs

8-33 Full Thickness Flat Plug Blades – For Low Profile Flat Plugs

8-34 Full Thickness Blades – BGB

8-34 Full Thickness Blades – BGMT

8-35 Hospital Grade Solid Male Blades

8-35 Hospital Grade U-Shape Ground Pin

8-36 Plug-In Device Contacts

8-37 Surface Mount Miniature Connectors

8-38 PCB Contacts

8-39 .187 Ground Pins – Male

8-40 .187 Ground Pins – Male Right Angle

8-41 .187 Ground Pins – Female

8-42 Specialty Pins – PCB, Electric Blanket & Medical

8-43 Heavy Duty Ground Pins – Male

8-44 Heavy Duty Ground Pins – Female

8-45 & 8-46 Male Pins

8-47 & 8-48 Female Pins

8-49 Specialty Female Connectors

8-50 Female Cord Connectors

8-51 Male Pin Mating Chart

8-52 Multi-Connectors for Extension Cords – Cube Tap

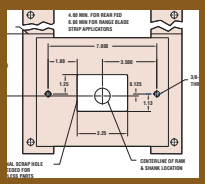
8-52 Multi-Connectors for Extension Cords – Web foot

8-53 & 8-54 Multi-Connectors for Power Blocks

8-55 & 8-56 Male/Female Combination Terminals – 27 Gauge

8-57 Male/Female Combination Terminals – 20 Gauge

8-57 Combination Ground Pins



8-58 Applicator Ordering Guidelines & Press Specifications

8-59 Applicator Dies – Universal, Standard & Mini-Applicators

8-60 Semi-Automatic Applicator Systems

8-60 Wire Stripper

8-61 Heyco Stamping Capabilities

Solar Power Components
Part No. 3000

Liquid Tight Cordgrips
Part No. 3297

Strain Relief Bushings
Part No. 1999

Bushings
Part No. 2999

Check out our convenient LabKits!

Grommets
Part No.2995

Hole Plugs
Part No. 2997

HEYware
Part No. 3399

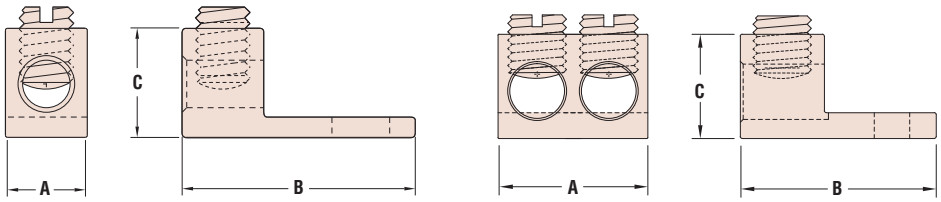
PCB Supports and LED Spacers
Part No. 10999

HEYCO

Heyco® Aluminum Solderless Connectors

- **Compact design–lightweight yet strong.**
- Electro-tin plated for low contact resistance and corrosion protection when used with copper conductors.
- Require no special installation tools.
- UL and CSA certified for use with copper and aluminum conductors.
- Ports are marked with catalog description and conductor range.
- DFARS Compliant

WIRE RANGE (AWG)	PART NO.	DESCRIPTION	PART DIMENSIONS A Width in.	A Width mm.	B Length in.	B Length mm.	C Height in.	C Height mm.	Bolt Size in.	Bolt Size mm.
Single Conductor										
4-14	**1863**	A35	.50	12,7	1.06	26,9	.50	12,7		
2-14	**1864**	A90	.50	12,7	1.16	29,5	.56	14,2	1/4	6,4
1/0-14	**1884**	A125	.63	15,9	1.47	37,3	.78	19,8		
Two Conductors										
2-14	**1864-2**	A90-2	.91	23,0	1.16	29,5	.56	14,2	1/4	6,4
1/0-14	**1884-2**	A125-2	1.12	28,4	1.47	37,3	.78	19,8		

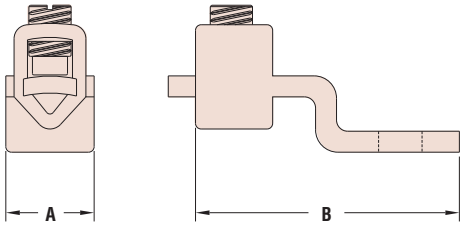


Heyco® Copper Lug Connectors

Copper Single Hole Offset Lugs

- **100% conductivity for highest efficiency.**
- Completely reuseable.
- Require no special installation tools.
- UL listed and CSA certified for use with copper conductors.
- Marked with catalog description and conductor range.
- DFARS Compliant

WIRE RANGE (AWG)	PART NO.	DESCRIPTION	CURRENT RATING AMPS	HEIGHT WITH MAX. WIRE in.	HEIGHT WITH MAX. WIRE mm.	PART DIMENSIONS A Tang Width in.	A Tang Width mm.	B Length in.	B Length mm.	Bolt Size in.	Bolt Size mm.
6-14	**1851**	CB 35	50	3/4	19,1	3/8	9,5	1-3/16	30,2	3/16	4,8



Quick Specs

Materials	6061-T6 aluminum alloy; electrolytic copper
Certifications	Listed under Underwriters' Laboratories File E80121
	Certified by the Canadian Standards Association File 242954 & 246619
Flammability Rating	94V-0

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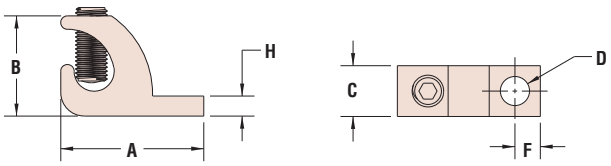
Heyco® Copper and Aluminum Lay-In Connectors

Wire Range AWG	PART NO.	DESCRIPTION	CONSTRUCTION	PART DIMENSIONS (in.) A	B	C	D	F	H
4-14	S6525	LC 14-4 1-Pole Cu Tinned	Tinned Copper with Stainless Steel Set Screw	1.07	.75	.38	.22	.19	.15
	S6526	LC 14-4 1-Pole Cu	Copper with Stainless Steel Set Screw						
	S6527	LC 14-4 1-Pole Al	Aluminum with Steel Set Screw						



LCC and LCA Series

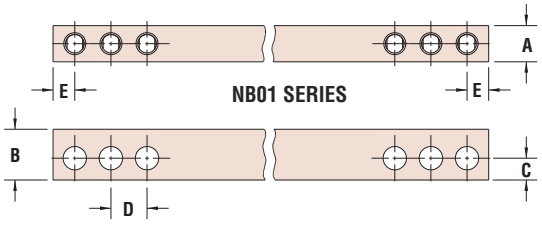
- Copper construction parts available in plated and unplated versions.
- Copper construction parts UL/CSA approved for direct burial and suitable for both indoor and out door use.
- Least expensive aluminum option suitable for indoor use only.
- **Recommended wire range AWG 4 thru AWG 14**.
- DFARS Compliant

Material	Tinned copper or copper with stainless steel set screw
Certifications	UL Listed under Underwriters' Laboratories File E467246

Heyco® Aluminum Neutral Bars

WIRE RANGE AWG	CIRCUITS No.	MOUNTING HOLE(S) No.	Pos(s).	LENGTH in.	PART NO.	DESCRIPTION	UL/CSA	PART DIMENSIONS (in.) Width A	Height B	C	Pitch D	E
4-14 Cu or 4-12 Al	2	1	2	1.00	S6535	NB 14-4 2-Pole	CU9AL	.312	.437	.187	.312	.187
	3	2	1 & 5	1.63	S6536	NB 14-4 3-Pole						
	5	2	1 & 7	2.25	S6537	NB 14-4 5-Pole						
	6	1	4	2.25	S6538	NB 14-4 6-Pole						
		2	1 & 8	2.56	S6539							
	10	2	1 & 12	3.81	S6540	NB 14-4 10-Pole						
	12	2	1 & 14	4.44	S6541	NB 14-4 12-Pole						

Other wire ranges, bar sizes, materials and configurations are available, consult Heyco



- Neutral bar for ground or power; ***not*** for power distribution.
- Rated at **85 Amps for Copper** wire and **70 Amps for Aluminum** wire.
- Wire range: AWG 4-14 CU (copper wire), 4-12 Al (aluminum wire) Dual Rated, Solid & Stranded, rigid or semi rigid stranding.
- Set screws are slotted, headless, zinc plated steel and will hold the smaller wires when the appropriate torque is fully applied.
- Use #10 mounting screw.
- DFARS Compliant

	Aluminum Neutral Bars
Materials	High strength tempered aluminum Alloy 6061, tin plated to resist oxidation and galvanic corrosion and with conductivity of approximately 43% IACS. Zinc plated steel screws with trivalent (Cr+3) chromate conversion top layer.
Certifications	UL Recognized Class ZMVV2.E80121 and CSA Certified File 8919

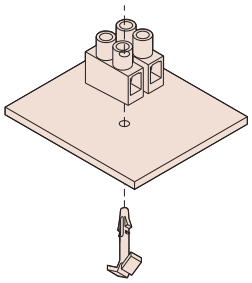
Quick Specs

HEYCO

Heyco® Wire Protector Terminal Blocks

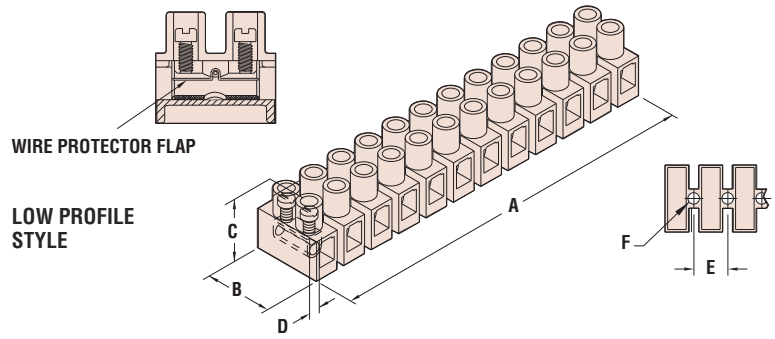
Screw to Screw–With Wire Protector Flap

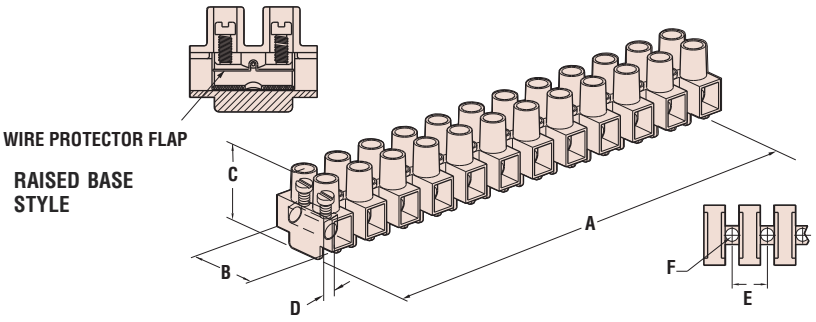
- **Wire protector flap** allows the use of STRANDED or SOLID wire with no crimp terminals and no soldering required.
- Allows standardization of the SOLID WIRE Cordset. Input and output wires are always secured with a screw.
- Modern low profile design occupies less real estate.
- No exposed metal parts. "Dead front" designed safety.
- Pressure clamp connectors are supplied in the open position, ready to accept single or multiple solid conductors.
- All sizes are rated at 300 volts (450 volts in Europe).
- Metal parts feature galvanized steel screws and Ni or tin plated brass inserts.
- Available in 94V-0 flame retardant (FR), glass-filled 6/6 Nylon material.
- **Part No. 9299** fixing pin (below) can be used to mount all terminal blocks, with panel thickness limitations–consult Heyco.
- DFARS Compliant



BODY STYLE	WIRE SIZE AWG	WIRE SIZE mm²	AMPS North America	POLES	PART NO. Natural	PART NO. FR White	DESCRIPTION	PART DIMENSIONS Screws (Metric)	A (12) Poles in.	A (12) Poles mm.	B in.	B mm.	C in.	C mm.	D in.	D mm.	E in.	E mm.	F in.	F mm.
300 Volts Rated (450 Volts in Europe)																				
Low Profile	12-22	2,5	20	2 12	**9389** **9393**	**9419** **N/A**	TB 0B-WP-2P TB 0B-WP-12P	M 2,6	3.69	93,6	.64	16,2	.61	15,4	.11	2,8	.32	8,0	.11	2,8
Raised Base	10-20	4	30	2 3 4 12	**9394** **9395** **N/A** **9398**	**N/A** **N/A** **9426** **9428**	TB 1B-WP-2P TB 1B-WP-3P TB 1B-WP-4P TB 1B-WP-12P	M 3,0	4.58	116,4	.73	18,6	.67	17,0	.14	3,6	.39	10,0	.14	3,6
Raised Base	8-14	6	50	2 3 12	**9399** **9400** **9403**	**N/A** **N/A** **9433**	TB 2B-WP-2P TB 2B-WP-3P TB 2B-WP-12P	M 3,5	5.26	133,5	.87	22,2	.82	20,8	.17	4,2	.45	11,5	.15	3,7
Raised Base	6-10	16	55	12	**9408**	**9438**	TB 3B-WP-12P	M 4,0	6.89	175,0	.99	25,2	1.04	26,3	.23	5,8	.59	15,0	.20	5,1

Standard color natural. Flame retardant white available at extra charge.





Materials		6/6 Nylon and brass
Certifications	c UL us	Recognized under Component Program of Underwriters' Laboratories to both Canadian and US requirements File E197025
		Approved
Flammability Rating		94V-2
Temperature Range		-40°F (-40°C) to 284°F (140°C)

Quick Specs

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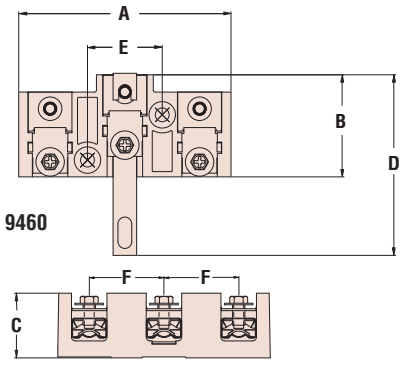
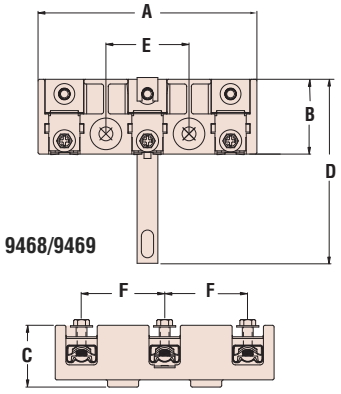
Heyco® Post to Clamp Terminal Blocks

For High Current Copper and Aluminum Wire Applications

PART NO. Black	DESCRIPTION	TERMINAL POST CONFIGURATION	A O.A. Length		B Block Depth		C O.A. Height		D O.A. Strap Length		E Mounting Hole		F Terminal Spacing	
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
9460	ERTB-1A	OFFSET	3.38	85,9	1.63	41,4	1.03	26,2	2.88	73,2	1.19	30,2	1.19	30,2
9468	ERTB-2C	IN-LINE	3.95	100,3	1.35	34,3	1.12	28,4	2.88	73,2	1.50	38,1	1.50	38,1
9469	ERTB-2D	IN-LINE	3.95	100,3	1.35	34,3	1.12	28,4	3.32	84,3				





Flammability Rating	94V-0
Certifications	Recognized under the Component Program of Underwriters' Laboratories File E235481.
	Certified by the Canadian Standards Association, File 8919.
Temperature Range	-.4°F (-18°C) to 257°F (125°C)

- All types rated at 300 volts 60 amps.
- Suitable for 6-4 AWG **aluminum** or 10-6 AWG copper stranded wire. 8 AWG and large compact conductor only for copper.
- Wire protector flap so that screw does not act directly upon wire, accepts and permits use of less expensive **aluminum** wire.
- Three pole terminal blocks, post to clamp style.
- Body molded of impact resistant polycarbonate.
- Solid copper grounding strap.
- Low installation torque - 35 lbs.
- DFARS Compliant

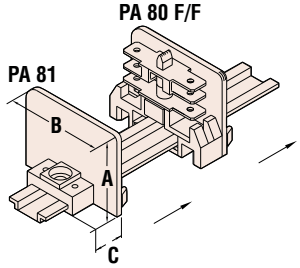
Heyco® Barrier Terminal Blocks

WIRE SIZE AWG	WIRE SIZE mm²	AMPS North America	AMPS Europe	POLES*	PART NO. Natural	DESCRIPTION	TERMINAL TAB CONFIGURATION	PART DIMENSIONS A in.	A mm.	B in.	B mm.	C in.	C mm.
12-22	4-1	20	16	1-100*	**1757**	PA 80 F/F	3 tabs to 3 tabs	1.142	29,0	1.50	38,0	.433	11,0
					1758	PA 81	end plate						

Standard color natural.
*Poles may be ganged as required, 1 each P/N 1757 for each pole connected.

- **Single pole barrier terminal block**, whose inserts are ultrasonically welded into position.
- Each pole snap-fits into the next, enabling custom number of poles to suit your application.
- End plate PA 81 is required to effect an end barrier.
- Suitable for panel or 15 DIN 46277 rail mounting.
- All types are rated at 600 volts (380 volts in Europe).
- Made of Nylon and galvanized steel.
- DFARS Compliant

Materials	Nylon and galvanized steel
Certification	Recognized Component under UL File E103541
Flammability Rating	94V-0
Temperature Range	-40°F (-40°C) to 257°F (125°C)



HEYCO

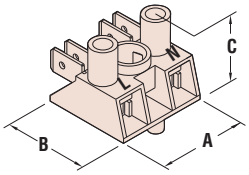
Heyco® Screw to Tab Terminal Blocks

Screw to (2) Tabs Flame Retardant and UL 94V-0

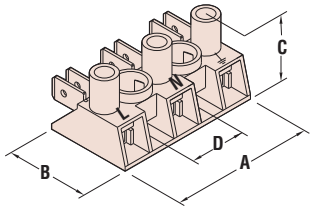
- Affix to panel with No. 8 (M4) screws and nuts or use self tapping screws. An anti-rotation spigot is incorporated into the base.
- High working temperature capability.
- Available in **Standard** form for solid wire and **Wire Protector** form for stranded or solid wire.
- Two .250˝ by .031˝ (6,4 by 0,8 mm) tabs per pole.
- FV 77-2 poles are marked L and N.
- FV 77-3 poles are marked L,N and ⏚ .
- FV77-4 poles are marked L1, L2, L3, and N.
- All sizes are rated at 600 volts (380 volts in Europe).
- DFARS Compliant

WIRE SIZE AWG	WIRE SIZE mm²	AMPS North America	AMPS Europe	POLES	PART NO. Brown	DESCRIPTION	Screws (Metric)	PART DIMENSIONS A in.	A mm.	B in.	B mm.	C in.	C mm.	D in.	D mm.
Standard															
10-14	4	20	16	2	**1554**	FV 77-2	M 3,5 x 7	.984	25,0	1.043	26,5	.846	21,5	N/A	N/A
10-14	4	20	16	3	**1556**	FV 77-3	M 3,5 x 7	1.614	41,0	1.043	26,5	.846	21,5	.550	14,0
				4	**1558**	FV 77-4	M 3,5 x 7	2.244	57,0						
With Wire Protector Flap															
10-14	4	20	16	2	**1555**	FV 77-2 WP	M 3,5 x 7	.984	25,0	1.043	26,5	.846	21,5	N/A	N/A
10-14	4	20	16	3	**1557**	FV 77-3 WP	M 3,5 x 7	1.614	41,0	1.043	26,5	.846	21,5	.550	14,0
				4	**1559**	FV 77-4 WP	M 3,5 x 7	2.244	57,0						

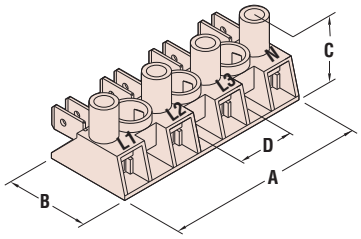
Standard color flame retardant brown.



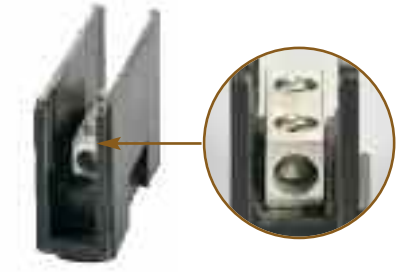
FV 77-2



FV 77-3



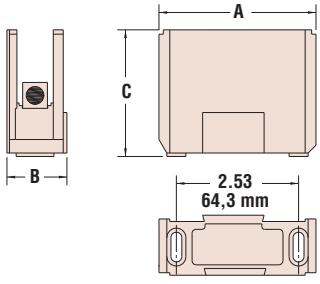
FV 77-4



- The Modular Splice Block is a **modular, interlocking power splicing block**.
- Simply slip on and lock into place the number of poles needed for your application. Modular design reduces stocking requirements.
- Made of tin plated aluminum in order to provide reliable connectors for copper or aluminum wires.
- Rated for 600 Volts.
- DFARS Compliant

Heyco® Aluminum Modular Splice Block

Single Splice for 115 to 175 Amps



LINE SIDE AWG	LOAD SIDE AWG	PART NO.	DESCRIPTION	AMPS per Pole	INSULATOR BLOCK Length A	Width B	Height C
2 - 14	2 - 14	**S6530**	MSS 14-2 1-Pole	115	2.90	1.04	2.34

	Screw-to-Tab Terminal Blocks
Materials	6/6 Nylon and galvanized steel
Certifications	Recognized Component under UL File E103541 Certified by the Canadian Standards Association File 88539
Flammability Rating	94V-0
Temperature Range	-.4°F (-18°C) to 302°F (150°C)

Aluminum Modular Splice Block

Glass-filled polyester insulator block and high strength tempered Aluminum Alloy 6061, tin plated to resist oxidation and galvanic corrosion, and with conductivity of approximately 43% IACS. Zinc plated steel screws with trivalent (Cr+3) chromate top layer.

Recognized Component under Underwriters' Labrotories File E197025

Certified by the Canadian Standards Association File 8919

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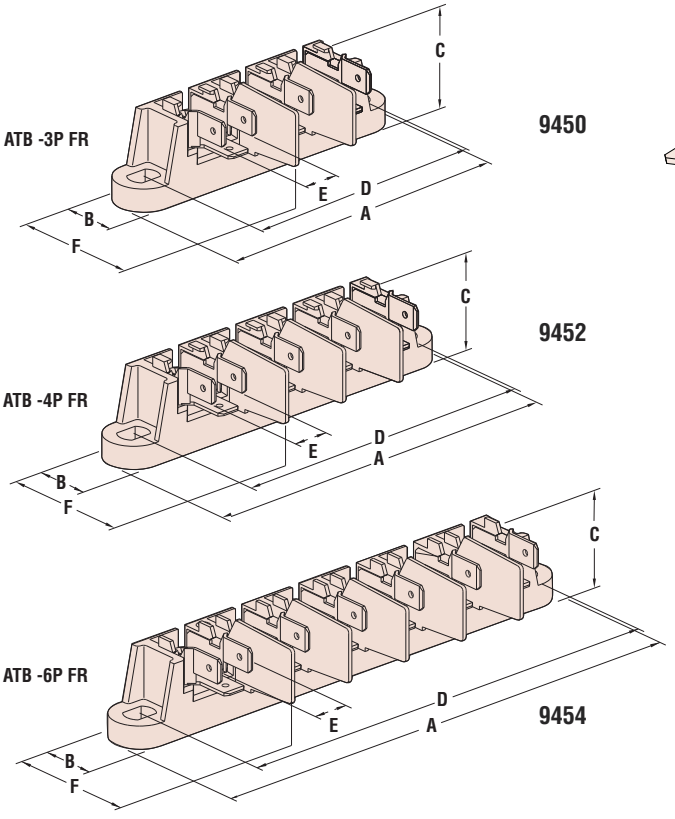
HEYCO

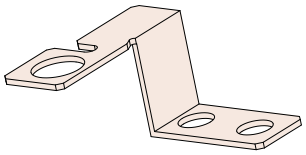
Heyco® Screw to Tab Terminal Blocks

Screw to (3) Tabs Flame Retardant and UL 94V-0

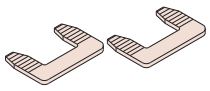
WIRE SIZE AWG	mm²	AMPS	POLES	PART NO. White	DESCRIPTION	Screws (Metric)	PART DIMENSIONS A in.	A mm.	B in.	B mm.	C in.	C mm.	D in.	D mm.	E in.	E mm.	F in.	F mm.
8-18	10	40	3	**9450**	ATB-3P FR	M5,0	3.19	81,0	.59	15,0	1.00	25,4	2.60	66,0	.41	10,4	1.48	37,5
				9451	ATB-3P FR w/ Ground													
8-18	10	40	4	**9452**	ATB-4P FR	M5,0	3.90	99,0	.59	15,0	1.00	25,4	3.31	84,0	.41	10,4	1.48	37,5
8-18	10	40	6	**9454***	ATB-6P FR	M5,0	5.31	135,0	.59	15,0	1.00	25,4	4.72	120,0	.41	10,4	1.48	37,5
				9455*	ATB-6P FR w/ Ground													
				9456	Jumper for Screw to Tab Poles													
				9457	Ground for Screw to Tab TB													

Standard color flame retardant white.
*Includes three jumpers. To order additional jumpers, see part 9456.





9457
GROUND CONTACT



9456
JUMPER

- **Three .250˝ by .031˝ (6,3 by 0,8 mm) tabs per pole**.
- ATB-3P poles are marked 1, 2, and ⏚.
- ATB-4P poles are marked 1, 2, 3 and ⏚.
- ATB-6P poles are marked 1, 2, 3, 4, 5 and ⏚.
- All sizes are rated at 600 volts (450 volts in Europe).
- Self-grounding version is available. Identical to the base parts except that an extension on the grounding pole makes direct contact with the panel. The extension is secured with two self-tapping screws.
- Ground contact (**Part No. 9457**)– Grounds terminal block to the panel. May be ordered separately or with the listed Appliance Terminal Blocks.
- Jumper (**Part No. 9456**)– To connect terminal block poles. For use with Heyco's Screw to Tab terminal blocks.
- DFARS Compliant

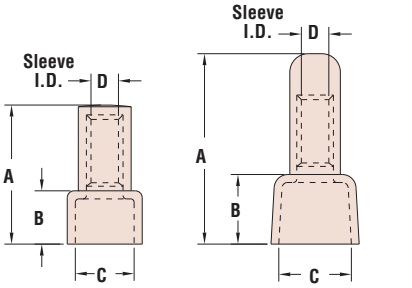
Materials	6/6 Nylon and galvanized steel
Certifications	c UL us Recognized under Component Program of Underwriters' Laboratories to both Canadian and US requirements File E197025
Flammability Rating	94V-0
Temperature Range	-.4°F (-18°C) TO 302°F (150°C)

Quick Specs

HEYCO

Heyco® Wire Connectors

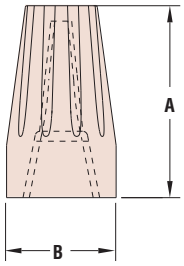
- **Quick, permanent and secure installation** with recommended crimp tool.
- Five sizes for #10 AWG thru #22 AWG.
- UL rated at 600 volts except as noted.
- Closed-end nylon shell with plated copper internal sleeve.



Part No. 2988**
Features Extra Clearance Beyond Sleeve.

- Gray, Blue, Orange, Yellow, and Red colors for easy size and capacity identification.
- Square wire spring insert bites into and securely connects #10 AWG thru #22 AWG.
- Fluted body for easy assembly.
- 81-G and 82-B UL rated 300 volts. 83-0 and 84-Y UL rated at 600 volts.

WIRE COMBINATIONS (AWG)	PART NO.	DESCRIPTION	USE CRIMP TOOL	PART DIMENSIONS A in.	A mm.	B in.	B mm.	C in.	C mm.	D in.	D mm.
Crimp-On											
JOINS: 1#16 & 1#20 Thru 2-5#22	**2986**	1622N	0992 (YS-7)	.60	15,2	.23	5,9	.24	6,2	.09	2,4
JOINS: 1#14 & 1#18 Thru 2-7#22	**2988****	1422DN	0992 (YS-7)	.83	21,1	.31	7,9	.33	8,4	.12	3,0
JOINS: 1#14 & 1#18 Thru 2-7#22	**2990**	1422N	0992 (YS-7)	.60	15,2	.23	5,9	.26	6,5		
JOINS:* 1#10 & 1#14 Thru 4#20	**2992**	1022N	0992 (YS-7)	.70	17,1	.32	8,0	.37	9,4	.16	4,0
JOINS:* 1#10&1#12 Thru 4#16	**2994**	1020N	n/a	.87	22,2	.40	10,2	.47	12,0	.20	5,1
Color Coded			**Color**								
JOINS #22 Thru #14 Min. 3#22 Max. 2#16	**2937**	81-G	Gray	.57	14,5	.33	8,4				
JOINS #22 Thru #14 Min. 3#20 Max. 3#16	**2940**	82-B	Blue	.70	17,8	.39	9,9				
JOINS #22 Thru #14 Min. 2#18 Max. 2#14	**2949**	83-0	Orange	.84	21,3	.45	11,4				
JOINS #22 Thru #10 Min. 3#20 Max. 2#12	**2952**	84-Y	Yellow	.94	23,9	.54	13,7				
JOINS #20 Thru #8 Min. 2#14 Max. 4#12	**2955**	86-R	Red	1.05	26,7	.64	16,3				



*Only suitable for stranded #10 AWG (6,0 mm) wire.
**Extra clearance beyond sleeve.

Materials	Crimp-On – Nylon 6/6 and brass	Color Coded – Polypropylene and steel
Certifications	UL Listed under Underwriters' Laboratories File E80121	
	CSA Certified by the Canadian Standards Association File 211101 (Color Coded only)	
Flammability Rating	Crimp-On – 94V-0	Color Coded – 94V-2
Temperature Range	-.4°F (-18°C) to 221°F (105°C)	

Quick Specs

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HEYCO

Heyco® Quick Connect Terminals

See pages 8-13 & 8-14 for mating Quick Connect Females.
For Heyco Applicators, see page 8-59

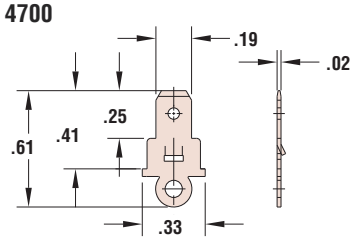
Male Terminal Tabs - .020 gauge

PART DATA					PART NO.	APPLICATION TOOLING*			
Crimp?	Ref Dwg	Overall Length in.	AWG Range	Material		Die**	Feeds	Crimp Punch	Anvil
Solder Connection Tabs									
No	4700	.61	Solder	Brass Tin-Pl	**4700 4701**	-	Bulk	-	-
Crimp Connection Tabs									
Yes	4710	.61	18	Brass	**4710**	-	Bulk	-	-
				Brass Tin-Pl	**4750 4751**	4750UXX5 4751UXX5	Left to Right	C458	C463
	8301	.61	18	Brass	**8301**	8301UXX5	Right to Left	C460	C465
Dual Connection Tabs									
No	4720	.69	Dual	Brass Tin-Pl	**4720 4721**	-	Bulk	-	-

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available for Part Nos. 4750 and 4751 only. See page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

- All terminals feature a **rectangular "locking tab"** in center for added **strain relief** and **support** when inserted into Female Connector.
- Heyco Terminals meet all your application needs with **solder, crimp**, and **dual male** connections.
- DFARS Compliant

4700



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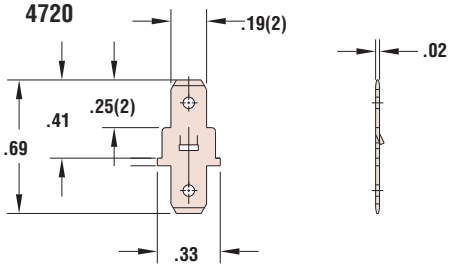

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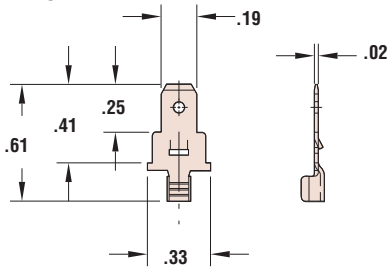

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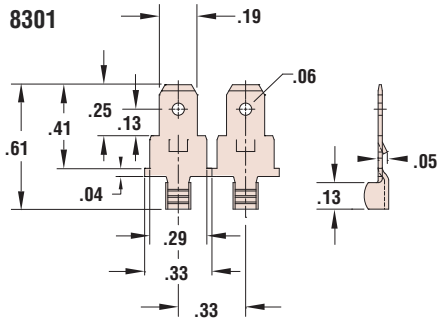

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

Quick Specs

HEYCO

Heyco® Quick Connect Terminals

See pages 8-13 & 8-14 for mating Quick Connect Females.
For Heyco Applicators, see page 8-59

Male Terminal Tabs - .032 gauge

- All terminals feature a **rectangular "locking tab"** in center for added **strain relief** and **support** when inserted into Female connector.
- Heyco Terminals meet all your application needs with **solder, crimp,** and **dual male** connections.
- For schematic drawings see opposite page.
- DFARS Compliant

PART DATA					PART NO.	APPLICATION TOOLING*			
Crimp?	Ref Dwg	Overall Length in.	AWG Range	Material		Die**	Feeds	Crimp Punch	Anvil
Solder Connection Tabs									
No	4810	.65	Short Solder	Brass Tin-Pl	**4810** **4811**	-	Bulk	-	-
	4833	.72	Solder	Brass	**4833**				
	8211	.73	Solder	Brass	**8211**	-	Right to Left	-	-
	4800	.81	Solder	Brass Tin-Pl	**4800** **4801**	-	Bulk	-	-
Yes†	8044	1.12	Solder	Brass	**8044**				
	8040	1.61	Solder	Brass	**8040**				
Crimp Connection Tabs									
Yes	4836	.64	90° Angle Crimp 18-16	Brass	**4836**	0624	Right to Left	OK24	OK25
	4838	.71	26-18	Brass	**4838**	4838UXX5	Left to Right	C458	C463
	4820	.81	18-16	Brass Tin-Pl	**4820** **4821**	-	Bulk	-	-
				Brass Tin-Pl	**4834** **4835**	4834UXX5 4835UXX6	Left to Right	C460	C465
Dual Connection Tabs									
No	4822	.47	60° Angle Tab-Dual	Tin-Pl	**4822**	-	Bulk	-	-
	4830	.83	Dual	Brass Tin-Pl	**4830** **4829**				

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available for Part Nos. 4834, 4835 & 4848 only. See page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Hook crimp located at the quick connect tab end of Terminal

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

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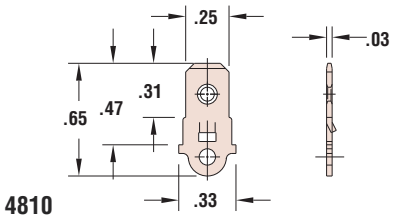
Heyco® Quick Connect Terminals

Male Terminal Tabs - .032 gauge – Schematic Drawings

Solder Connection Tabs



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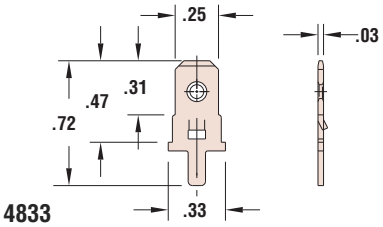

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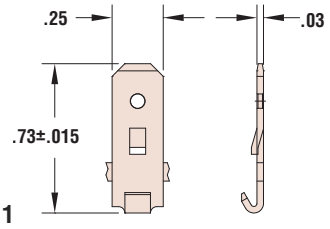

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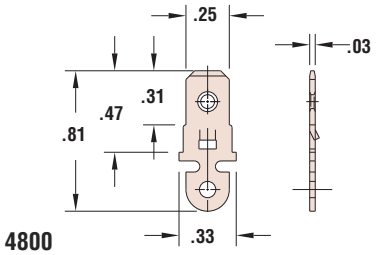

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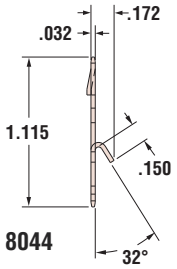

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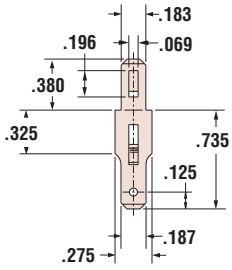
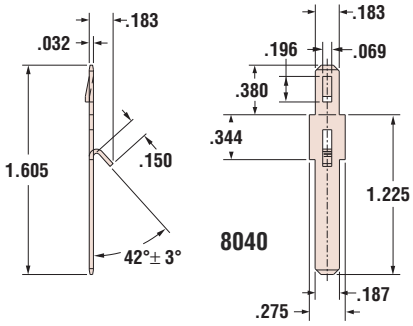
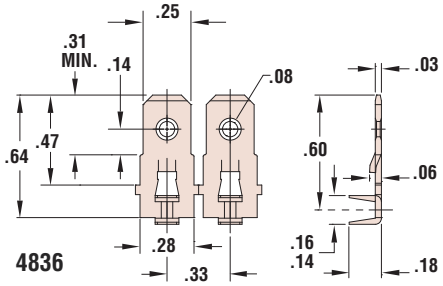




8040

Crimp Connection Tabs



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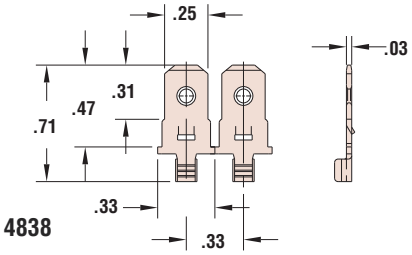

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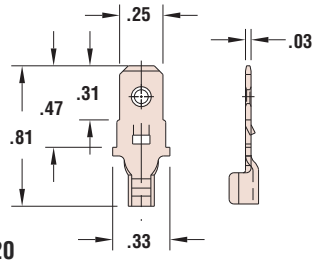
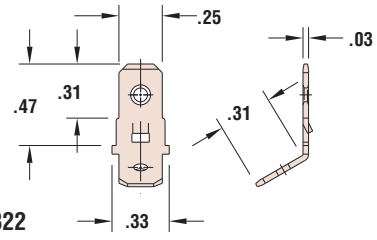


4820

Dual Connection Tabs



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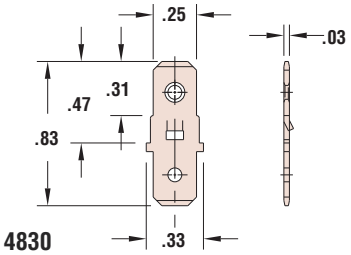

4830

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

Quick Specs

ALL NEW PRODUCTS!

HEYConnect™ Terminal Bushings

- Small, snap-in nylon receptacles for low cost, insulated, quick connection or disconnection of your wires, through panels, housings or detachable shrouds.
- Typical uses are data processing and vending machines, motors, power supplies, and controls.
- Non-polarized HEYConnects feature 1/4˝ (6,4 mm) internal brass male terminals, to mate with standard 1/4˝ (6,4mm) female Quick-Connects.
- Polarized HEYConnects feature 1/4˝ (6,4 mm) and 3/16˝ (4,7 mm) internal brass male terminals, to mate with standard 1/4˝ and 3/16˝ female Quick-Connects.
- Two-terminal HEYConnect bodies feature markings that correlate the terminals, front to back.
- Available in double-male and male-solder configurations.
- See schematics on page 8-12.
- DFARS Compliant

Bushings with Double Male Terminals

TERMINALS			PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.	
No. of Poles	Width		A Mounting Hole Diameter		B To Prevent Rotation		C Maximum Panel Thickness				D Overall Length	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.
Non-polarized												
1	.25	6,4	.500	12,7	.465	11,8	.125	3,2	**4240** **4250**	DC 50-1-M/M DC 50-1-M/M Tinned	.94	23,9
1	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4380**	DC 68-1-M/M	.94	23,9
2	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4440**	DC 68-2-M/M		
Polarized												
1 1	.19 .25	4,8 6,4	.687	17,4	.640	16,3	.125	3,2	**4428**	DC 68-2-M/M Polarized	.94	23,9

Bushings with Tinned Male to Solder Terminals

TERMINALS			PANEL DIMENSIONS						PART NO.	DESCRIPTION	PART DIM.	
No. of Poles	Width		A Mounting Hole Diameter		B To Prevent Rotation		C Maximum Panel Thickness				D Overall Length	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Black		in.	mm.
Non-polarized												
1	.25	6,4	.500	12,7	.465	11,8	.125	3,2	**4270**	DC 50-1-M/S-Tinned	.92	23,4
1	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4410**	DC 68-1-M/S-Tinned	.92	23,4
2	.25	6,4	.687	17,4	.640	16,3	.125	3,2	**4470**	DC 68-2-M/S-Tinned		
Polarized												
1 1	.19 .25	4,8 6,4	.687	17,4	.640	16,3	.125	3,2	**4468**	DC 68-2-M/S-Pol Tinned	.92	23,4

Standard color black. Consult Heyco for white and other colors.

Quick Specs

Material		Polycarbonate
Certifications	c UL us	Recognized under the Component Program of Underwriters' Laboratories File E467283 to both Canadian and US Requirements
Flammability Rating		94V-0
Temperature Range		32°F (0°C) to 266°F (130°C)

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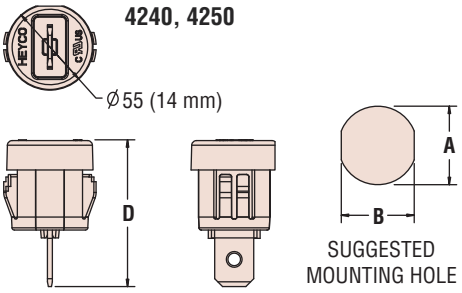
HEYConnect™ Terminal Bushings - Schematics

4240, 4250



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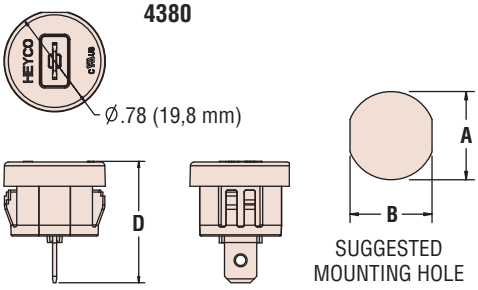

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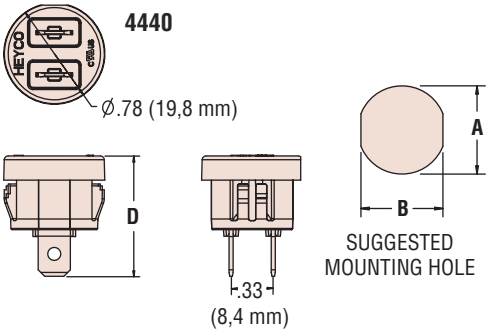

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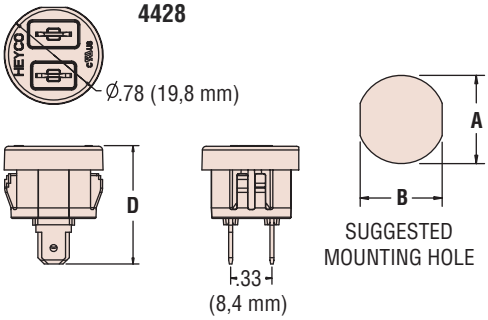

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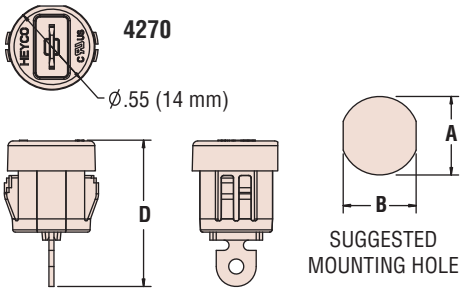

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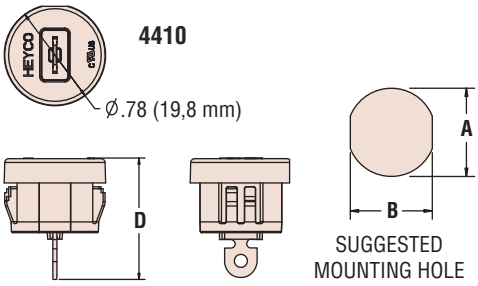

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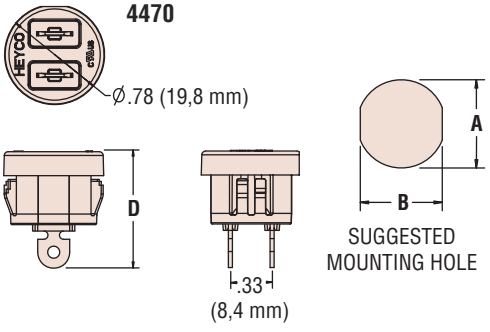

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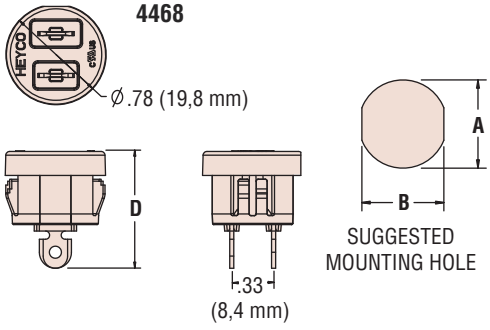


HEYCO

Heyco® Quick Connect Terminals

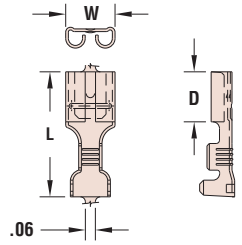
See pages 8-8 & 8-9 for mating Quick Connect Male Tabs.
For Heyco Applicators, see page 8-59

Female Terminals

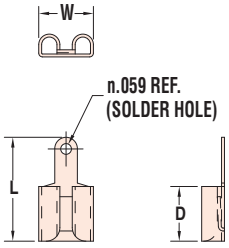
- Quick Connects allow you to easily choose the right terminals for your application.
- **Insulation Support Terminals** provide **strain relief** as well as **support** for insertion into the housing, allowing the terminal to withstand shock and vibration.
- **Low Insertion Force** and **Non-Insulation Support Terminals** provide ease of assembly onto the Male Tab as well as a **Heyco patented lance tab** for better contact and stronger hold on the Male Tab.
- Can be applied with your existing equipment or with Heyco Applicators.
- These applicators offer reliable connections semi-automatically and by integration into automated termination.
- Field Tested.
- Available in brass and pre-tinned brass.
- Most popular configurations available.
- .110″ straight
- .187″ straight
- .250″ straight
- .010″, .0160″, and .0180″ gauge material.
- Available in strip form only except Part No. 7954: bulk.
- Consult Heyco for many additional terminal options not listed here.
- DFARS Compliant

PART DATA					PART NO.	FEED	PART DIMENSIONS		
Stock Gauge in.	Insulation Dia. in.	Mating Tab Size in.	AWG Range	Material			W in.	L in.	D in.
Insulation Support Terminals									
.010	.060/.100	.110 x .020	22-18	Brass Tin-Pl	**7940** **7941**	Traverse	.148	.64	.25
		.110 x .032	22-18	Brass Tin-Pl	**7942** **7943**				
.016	.090/.130	.187 x .020	18-16	Brass Tin-Pl	**7932** **7933**	Traverse	.232	.59	.25
		.187 x .032	18-16	Brass Tin-Pl	**7930** **7931**				
.016	.120/.170	.250 x .032	18-14	Brass Tin-Pl	**7920** **7921**	Traverse	.296	.75	.30
.018	.120/.170	.250 x .032	18-14	Tin-Pl	**7923**				
Insulation Support Terminals - Low Insertion Force									
.016	.120/.170	.250 x .032	18-14	Brass Tin-Pl	**7924** **7925**	Traverse	.300	.75	.30
Non-Insulation Support Terminals									
.010	-	.110 x .020	16-12	Brass	**7946**	Traverse	.148	.70	.25
.016	-	.250	Solder	Brass	**7954**	Bulk	.300	.57	.30

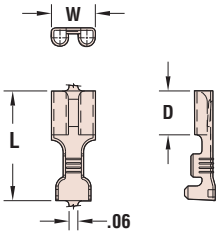
Insulation Support Terminals



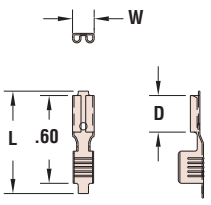
Non-Insulation Support Terminals (Solder)



Insulation Support Terminals-LIF



Non-Insulation Support Terminals (Crimp)



Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping
Certifications	UL Listed under Underwriters' Laboratories File E137778
	CSA Certified by the Canadian Standards Association File 97795

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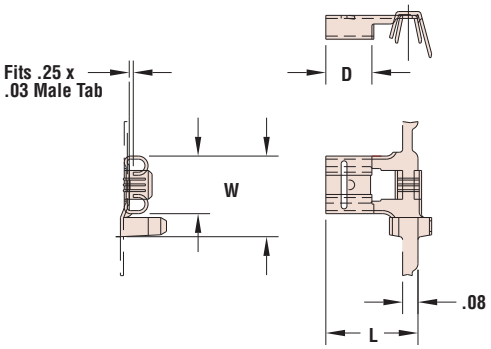
Heyco® Quick Connect Terminals

See pages 8-8 & 8-9 for mating Quick Connect Male Tabs.
For Heyco Applicators, see page 8-59

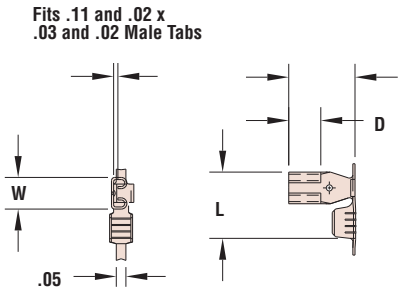
Flag Terminals

PART DATA					PART NO.	FEED	PART DIMENSIONS		
Stock Gauge in.	Insulation Dia. in.	Mating Tab Size in.	AWG Range	Material			W in.	L in.	D in.
Flag Insulation Support Terminals									
.016	.110/.160	.250 x .032	18-14	Brass Tin-Pl Tin-Pl	**7950** **7951** **7953***	Traverse	.300	.48	.24
Flag Terminals									
.010	-	.110 x .020	24-18	Brass Tin-Pl	**7910** **7911**	Traverse	.148	.31	.15

* Left-handed Flag.



Flag Insulation Support Terminals



Flag Terminals

- Quick Connects allow you to easily choose the right terminals for your application.
- **Flag Insulation Support Terminals** provide **strain relief** as well as **support** for insertion into the housing, allowing the terminal to withstand shock and vibration.
- Can be applied with your existing equipment or with Heyco Applicators.
- These applicators offer reliable connections semi-automatically and by integration into automated termination.
- Field Tested.
- Available in brass and tin-plated brass.
- .016˝ and .010˝ gauge material.
- Available in strip form only.
- DFARS Compliant

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping
Certifications	UL Listed under Underwriters' Laboratories File E137778 CSA Certified by the Canadian Standards Association File 97795

Quick Specs

Heyco® Heavy Duty Ring and Spade Terminals

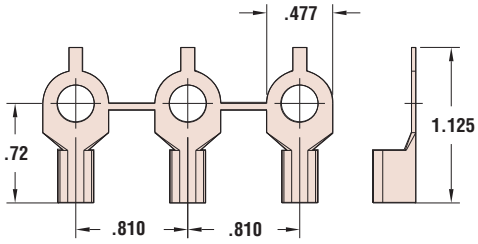
For Heyco Applicators, see page 8-59

- **Three up** and **two up** applicators allow operators to attach multiple terminals at once.
- .0315˝ and .040˝ gauge material.
- Available in strip form only.
- HD Spade features **90° bend** to lock screw in place.
- DFARS Compliant

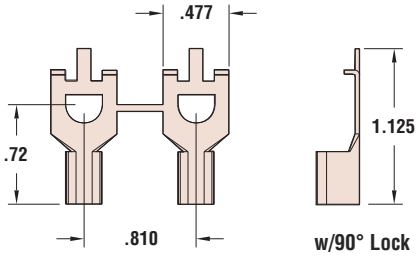
PART DATA				PART NO.	APPLICATION TOOLING *				
Insulation Crimp?	Hole Dia. in.	AWG Range	Material		Die **	Feed	Parts per Feed	Crimp Punch	Anvil
Heavy Duty Ring Terminals									
No	.265	12-8	Brass	**6072** **6073**	6072SXX5 6073SXX5	Rear Rear	3 2	0W29, 0W46, 0W48	0W28, 0W45, 0W47
No	.265	8-6	Brass	**6070** **6071**	6070SXX5 6071SXX5	Rear Rear	3 2	0W29, 0W49	0W28
Heavy Duty Spade Terminals									
No	.265	12-8	Brass	**6082** **6083**	6082SXX5 6083SXX5	Rear Rear	3 2	0W29, 0W46, 0W48	0W28, 0W45, 0W47
No	.265	8-6	Brass	**6080** **6081**	6080SXX5 6081SXX5	Rear Rear	3 2	0W29, 0W49	0W28

* Use the Heyco Standard Applicator Die (indicated by "S" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

HD Ring



HD Spade



Quick Specs

Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)
Certifications	UL Listed under Underwriters' Laboratories File E95474

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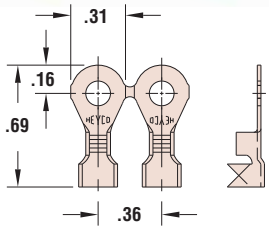
Heyco® Ring and Spade Terminals

For Heyco Applicators, see page 8-59

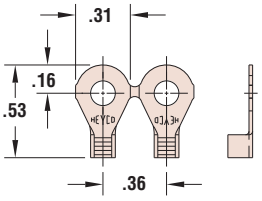
PART DATA				PART NO.	APPLICATION TOOLING*				
Insulation Crimp?	Hole Size	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Ring Terminals									
Yes	#6	20-14	Brass Tin-Pl	**8121** **8120**	8121UXX5 8120UXX5	Left to Right	B810L/B811L	C152	C157
	#8	20-14	Brass Tin-Pl	**8123** **8122**	8123UXX5 8122UXX5				
	#10	20-14	Brass Tin-Pl	**8125** **8124**	8125UXX5 8124UXX5				
No	#6	20-14	Brass	**8131**	8131UXX5	Left to Right	B810L/B811L	C152	C157
	#8	20-14	Brass Tin-Pl	**8133** **8132**	8133UXX5 8132UXX5				
	#10	20-14	Brass	**8135**	8135UXX5				
No	#10 (.180)	16-12	Brass	**8139†**	8139UXX5	Left to Right	B982L/B983L	C908	C909
No	#10 (.197)	16-12	Brass	**8145†**	8145UXX5	Left to Right	B982L/B983L	C908	C909
				8147††	8147UXX5				
	.265	16-12	Tin-Pl	**8146**	8146UXX5				
Spade Terminals									
No	#6	24-18 18-14	Brass Brass	**8100†** **8110**	8100UXX5 8110UXX5	Left to Right	B800L/B801L	C064	C070
	#6 w/lock	18-14	Brass	**8140**	-				
No	#10	16-12	Brass	**8144†**	8144UXX5	Left to Right	B982L/B983L	C908	C909

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Not UL Listed.
†† Larger crimp than 8145; not UL Listed.

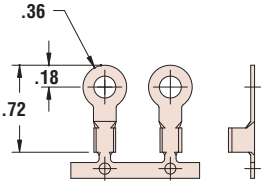


Ring 20-14 AWG w/Ins. Crimp

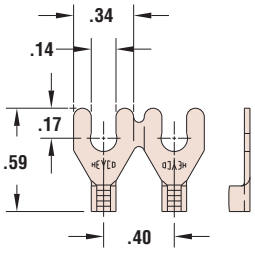
- Insulation Support Terminals provide strain relief and wire support for vibration resistance.
- DFARS Compliant



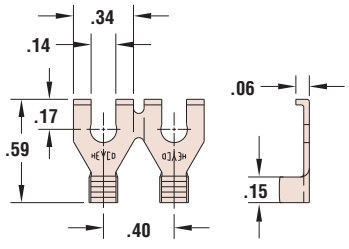
Ring 20-14 AWG



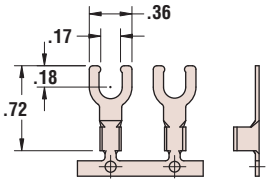
Ring 16-12 AWG



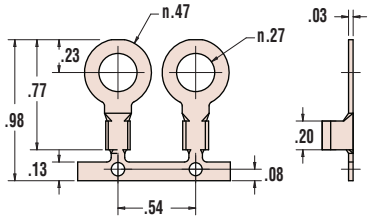
Spade 24-18 AWG



Spade 18-14 AWG (shown w/90° lock)



Spade 16-12 AWG



Ring 8146

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping
Certifications	UL Listed under Underwriters' Laboratories File E95474

Quick Specs

HEYCO

Heyco® Turn-2-Lock Cordset Contacts

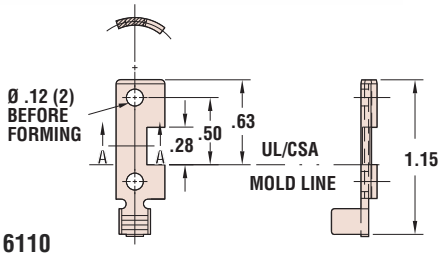
For Finished, Custom Turn-2-Lock Cord and Plug Sets, see Section 9

15 Amp

- **Easy loading for increased molding efficiency**.
- Use inexpensive Heyco load pins (consult Heyco for details on our complete line of blades and pins).
- **Reduce PVC usage** and allow more cavaties per mold.
- All Ground blades feature 90° leg for **twist-locking mechanism**.
- .056˝ gauge material, cut-out shapes and radius are all UL Specified.
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Male - for **snap together** Male Nylon Premold Bridges see page 8-20								
TL-L5-15-W&B†	18-14	Brass	**6150**	6150UXX5	Bulk	B958/B959	C663	C667
TL-L5-15-G	18-14	Brass	**6152**	6152UXX5				
TL-L5-15-W&B†	16-10	Brass Tin-Pl Post-Ni	**6110** **6111** **6126**	6110UXX5 6111UXX5 6126UXX5				
TL-L5-15-G	16-10	Brass Tin-Pl Post-Ni	**6112** **6113** **6127**	6112UXX5 6113UXX5 6127UXX5				
TL-L6-15-G	18-14 16-10	Brass Brass	**6164** **6134**	6164UXX5 6134UXX5				
TL-L7-15-G	18-14 16-10	Brass Brass	**6160** **6130**	6160UXX5 6130UXX5				
Female - for **snap together** Female Nylon Premold Shells see page 8-20								
TLR-L5-15	16-10	Brass	**7550**	7550UXX5	Left to Right	B972L/B973L	C784	C783
TLR-L7-15	16-10	Brass	**7551**	7551UXX5	Left to Right	B972L/B973L	C784	C783

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Can be used for L6 and L7-15 configurations.



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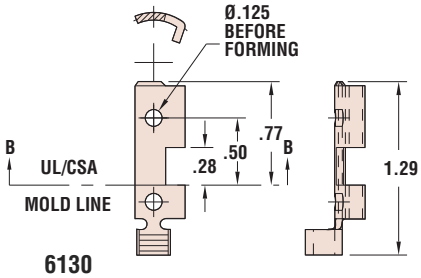

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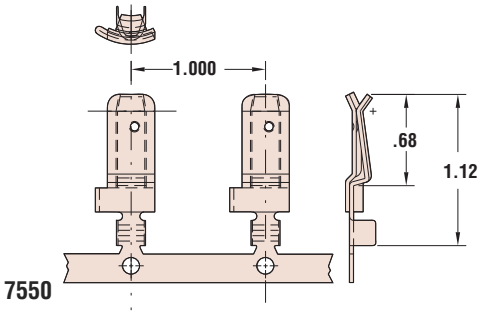

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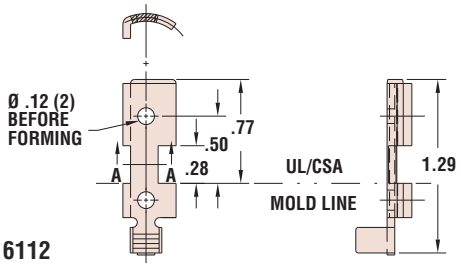

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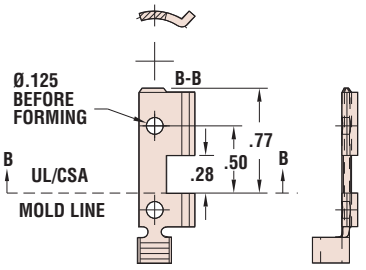

6134

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping 6/6 Nylon

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HEYCO

Heyco® Turn-2-Lock Cordset Contacts

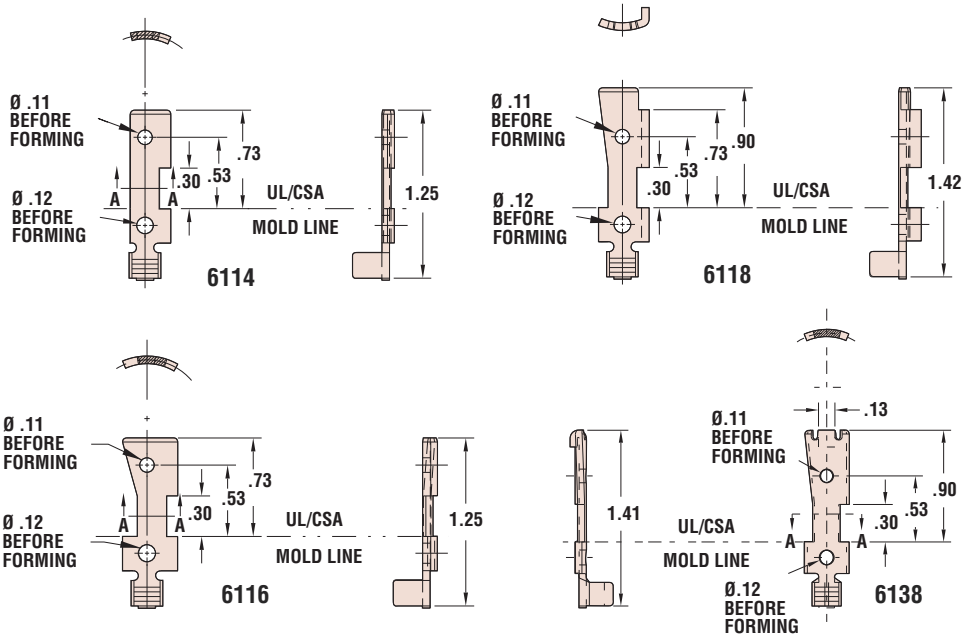
For Finished, Custom Turn-2-Lock Cord and Plug Sets, see section 9

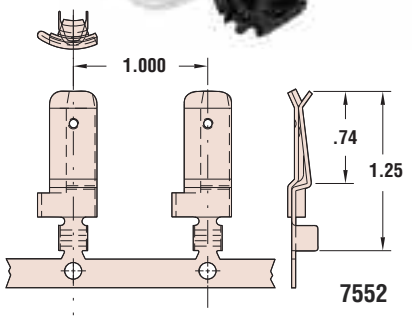
20 Amp

PART DATA			PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Male - for **snap together** Male Nylon Premold Bridges see page 8-20								
TL-L5-20-B	18-14	Brass	**6156**	6156UXX5	Bulk	B958/B959	C663	C667
TL-L5-20-W	18-14	Brass	**6154**	6154UXX5				
TL-L20-G	18-14	Brass	**6158**	6158UXX5				
TL-L5-20-W†	16-10	Brass	**6114**	6114UXX5				
		Tin-Pl	**6115**	6115UXX5				
TL-L5-20-B†	16-10	Brass	**6116**	6116UXX5				
		Tin-Pl	**6117**	6117UXX5				
TL-L5-20-G	16-10	Brass	**6118**	6118UXX5				
		Tin-Pl	**6119**	6119UXX5				
TL-L7-20-G	18-14	Brass	**6162**	6162UXX5				
	16-10	Brass	**6132**	6132UXX5				
TL-L24-20-G	18-14	Brass	**6168**	6168UXX5				
	16-10	Brass	**6138**	6138UXX5				
Female - for **snap together** Female Nylon Premold Shells see page 8-20								
TLR-L5-20	16-10	Brass	**7552**	7552UXX5	Left to Right	B972L/B973	C784	C783

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Can be used for L7 and L24 configurations.

- **Easy loading for increased molding efficiency**.
- Use inexpensive Heyco load pins (consult Heyco for details on our complete line of blades and pins).
- **Reduce PVC usage** and allow more cavities per mold.
- All Ground blades feature 90° leg for **twist-locking mechanism.**
- .056˝ gauge material, cut-out shapes and radius are all UL Specified.
- DFARS Compliant





Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping 6/6 Nylon

Quick Specs

HEYCO

Heyco® Turn-2-Lock Cordset Contacts

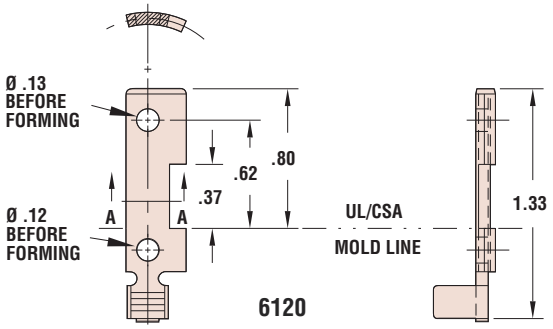
For Finished, Custom Turn-2-Lock Cord and Plug Sets, see Section 9

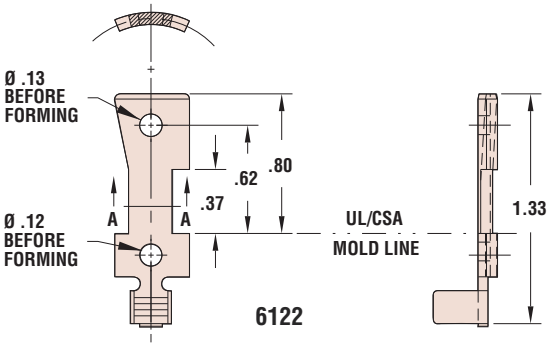
30 Amp

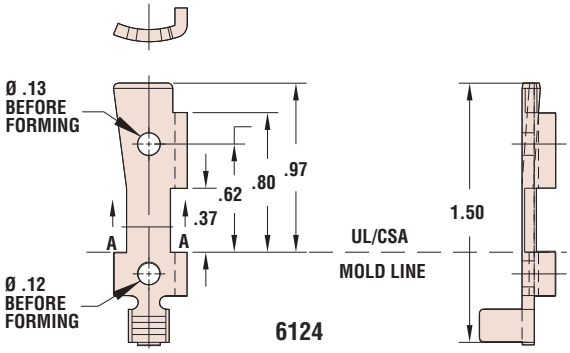
- .068" gauge material, cut-out shapes and radius are all UL Specified.
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Male - for Male Nylon Premold Bridges see page 8-20								
TL-L5-30-W	10-8	Brass	**6120**	6120UXX5	Bulk	B958/B959	C663	C667
TL-L5-30-B	10-8	Brass	**6122**	6122UXX5				
TL-L5-30-G	10-8	Brass	**6124**	6124UXX5				

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.







Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) 6/6 Nylon
Certifications	UL Listed under UL File E217650 for use with Cordsets under UL 817 applications (Cordset Components only)

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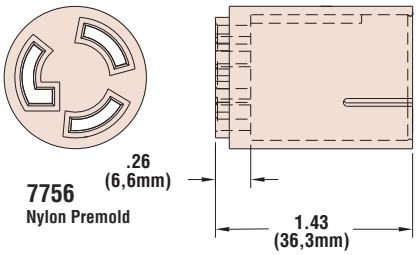
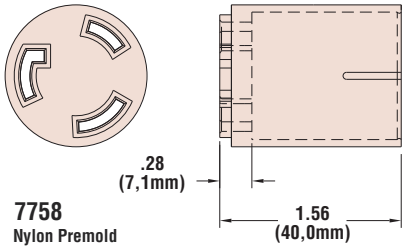
Heyco® Nylon Premolds

Reduce PVC usage and increase over molding efficiency

Eliminate the need for expensive cammed molds



7756
Nylon Premold



7758
Nylon Premold

Female Turn-2-Lock Premold Shells

For Finished Female T2L Configurations, see page 9-4

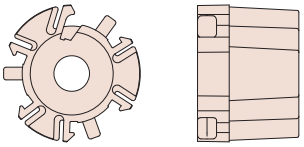
PART NO. Natural	DESCRIPTION	NEMA Config.	AMPS	For Contacts See Page
7756	125V 15A FEM TL 2PC PREMOLD	L5-15R	15	8-17
7752	277V 15A FEM TL 2PC PREMOLD	L7-15R		
7758	125V 20A FEM TL 2PC PREMOLD	L5-20R	20	8-18

Male Turn-2-Lock Premold Bridges

For Finished Male T2L Configurations, see pages 9-5 thru 9-8

PART NO. Black	DESCRIPTION	NEMA Config.	AMPS	For Contacts See Page
S7424	125V 15A Male TL Premold	L5-15P	15	8-17
S7428	250V 15A Male TL Premold	L6-15P		
S7420	277V 15A Male TL Premold	L7-15P		
S7426	125V 20A Male TL Premold	L5-20P	20	8-18
S7422	277V 20A Male TL Premold	L7-20P		
S7432	347V 20A Male TL Premold	L24-20P		
S7434	480V 20A Male TL Premold	L8-20P		
S7438	125V 30A Male TL Premold	L5-30P	30	8-19
S7436	250V 30A Male TL Premold	L6-30P		

- Nylon male premold for use with Heyco blades and pins (consult Heyco for details on our complete line of blades and pins).
- **Reduce PVC usage** and **increase molding efficiency**.



7420
Male Bridge (typical)
Nylon Premold

IEC-320 C13 Receptacle Shell - Body & Cover

For preassembled IEC-320 C13 Premold including contacts, see pg 8-25

PART NO. Black	DESCRIPTION
S7780	IEC-320 C13 PREMOLD SET

- IEC-320 C14 Plug available, see page 6-40.

Tri-Tap Power Block Shell - Body & Cover

For preassembled Tri-Tap Premolds including contacts, see page 8-21

PART NO. Black	PART NO. Natural	DESCRIPTION
0387	0387EE	Tri-Tap Body
0388	0388EE	Tri-Tap Cover

Materials	6/6 Nylon

Quick Specs

HEYCO

Heyco® Preassembled Cordset Components

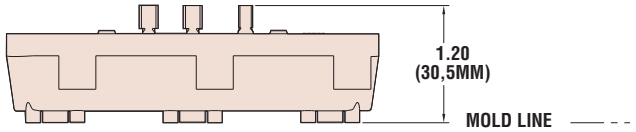
For Heyco Application Equipment, see pages 8-59 & 8-60

Tri-Tap Premold–NEMA 5-15R

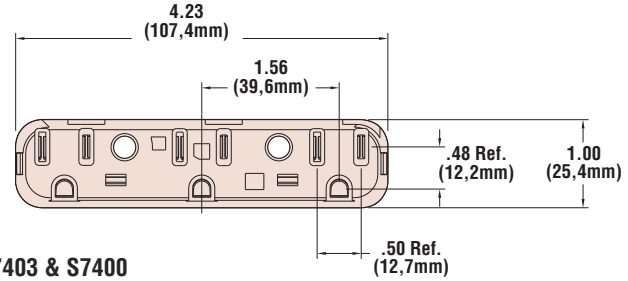
- Multiple piece unit that reduces the number of crimp connections on a Tri-Tap extension cord from 9 down to 3. **Now you can crimp all 3 terminals at once**.
- Significantly reduce the amount of material required for overmolding, substantially **reducing the cycle time and cost**.
- Available in assembled or component form.
- **Heyco Contacts MUST be used in Heyco pre-molds.**
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*		
Type	Color	AWG Range		Die**	Crimp Punch	Anvil
Female Receptacle	Black	18-14	**S7403**	S7403SXX5	C862, C863	C851
		14-10	**S7400**	S7400SXX5	C856, C857	

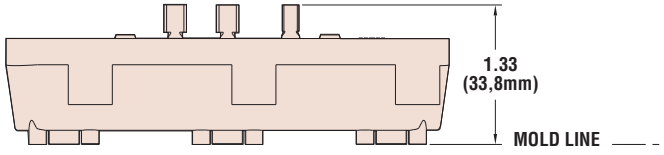
* Use the Heyco Standard Applicator Die (indicated by the second "S" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



S7403



S7403 & S7400



S7400

Components For Tri-Tap Premold

- **S7403**
  - 0387 Tri-Tap Body for S7403 and S7400 (see page 8-20)
  - 0388 Tri-Tap Cover for S7403 and S7400 (see page 8-20)
  - 8077 Tri-Tap Blade (18-14 AWG)
  - 8078 Tri-Tap Blade (18-14 AWG)
  - 8092 Tri-Tap Ground (18-14 AWG)
- **S7400**
  - 8075 Tri-Tap Blade (14-10 AWG)
  - 8076 Tri-Tap Blade (14-10 AWG)
  - 8087 Tri-Tap Ground (14-10 AWG)

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)
	6/6 Nylon
Standards	NEMA 5-15R
Voltage/Current Rating	125 Volts, 15 Amps

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HEYCO

Heyco® Preassembled Cordset Components

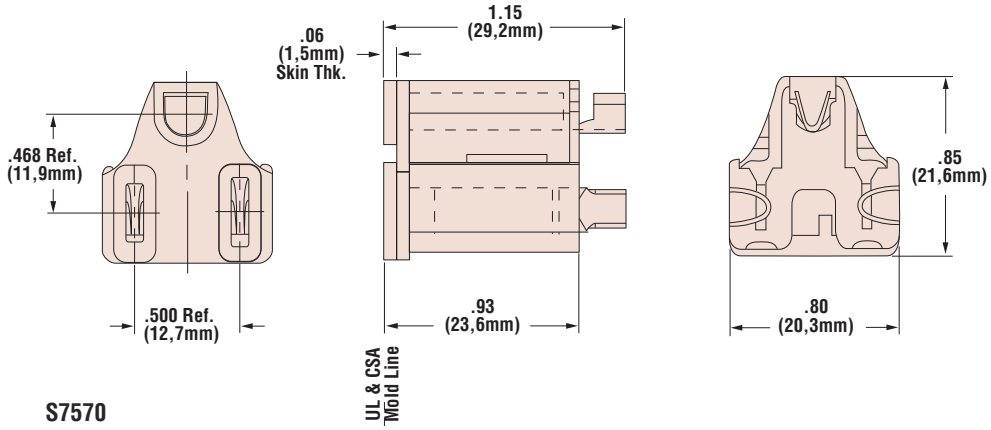
For Heyco Application Equipment, see pages 8-59 and 8-60

Female Bridge–NEMA 5-15R

PART DATA			PART NO.	APPLICATION TOOLING*			
Type	Color	AWG Range		Die	Feeds	Crimp Punch	Anvil
5-15R Female Bridge	Black	18-12	**S7570**	Z370	Semi-Auto*	Z335, Z409	Z334
	Natural	18-12	**S7571**				
	Clear	18-12	**S7574**				
5-15R Female Bridge	Black	12-10	**S7572**	Z641	Semi-Auto*	Z636, Z637	Z635
	Natural	12-10	**S7573**				
	Clear	12-10	**S7575**				

* Semi-Automatic Terminating Equipment is available, see below and page 8-60.

- **Crimp all three terminals at once**.
- Faster loading of plug molds.
- **Reduce plug molding and cycle time.**
- Assure reliable contact performance.
- Improve plug quality.
- **Reduce PVC usage and plug cost!**
- Eliminate the need for a polarity barrier.
- Pass UL/CSA cold temperature insertion test.
- Automated terminating equipment is available, see page 8-60.
- DFARS Compliant



S7570

CONSULT HEYCO FOR FEMALE BRIDGES WITH LIGHT

Heyco Female Bridge Machine (see page 8-60)

Materials		Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)
		Black and Natural - 6/6 Nylon, Clear - Polycarbonate
Certifications		Recognized Component under UL File E231361
Standards		NEMA 5-15R

Quick Specs

HEYCO

Heyco® Preassembled Cordset Components

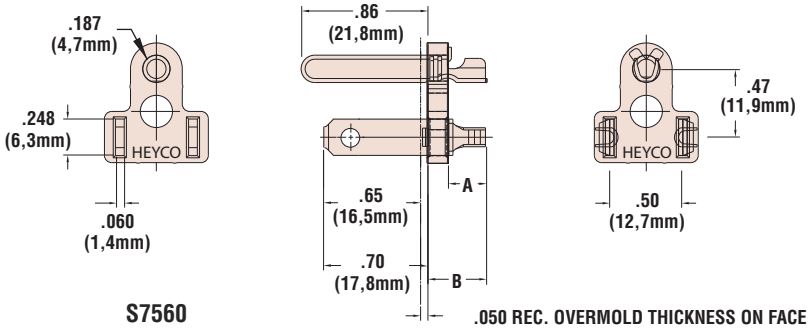
For Heyco Application Equipment, see pages 8-59 and 8-60

Male Bridge–NEMA 5-15P

- **Crimp all three terminals at once.**
- Faster loading of plug molds.
- **Reduce plug molding and cycle time.**
- Reduce plug cost while improving plug quality.
- 7-Shape blades feature ledge to maintain position during overmolding.
- Pass elevated temperature pullout test with low cost PVC.
- Automated terminating equipment is available, see page 8-60.
- See page 8-60 for wire stripper information.
- DFARS Compliant

PART DATA			PART	APPLICATION TOOLING*				CRIMP DIMENSIONS		
Type	Color	AWG Range		Die	Feeds	Crimp Punch	Anvil	A in.	B in.	
5-15P Male Bridge	Black	18-14	**S7560**	Z360	Semi-Auto*	Z318, Z408	Z302	.26	.40	
	Natural	18-14	**S7561**							
	Clear	18-14	**S7596**							
5-15P Male Bridge Tinned	Black	18-14	**S7564**							
	Natural	18-14	**S7599**							NEW!
	Clear	18-14	**S7598**							
5-15P Male Bridge 7-Shape	Black	18-14	**S7562**							
	Natural	18-14	**S7563**							
	Clear	18-14	**S7581**							
5-15P Male Bridge 7-Shp Tinned	Black	18-14	**S7583**							NEW!
	Natural	18-14	**S7585**							
	Clear	18-14	**S7584**							
5-15P Male Bridge 7-Shape Nickel Plated**	Black	18-14	**S7567**							
5-15P Male Bridge	Black	12-10	**S7590**	Z461	Semi-Auto*	Z446, Z454, Z444, Z453	Z445	.30	.44	
	Natural	12-10	**S7592**							
	Clear	12-10	**S7597**							
5-15P Male Bridge Tinned	Black	12-10	**S7594**							
	Natural	12-10	**S7577**							NEW!
	Clear	12-10	**S7576**							
5-15P Male Bridge 7-Shape	Black	12-10	**S7591**							
	Natural	12-10	**S7593**							
	Clear	12-10	**S7589**							
5-15P Male Bridge 7-Shp Tinned	Black	12-10	**S7595**							NEW!
	Natural	12-10	**S7579**							
	Clear	12-10	**S7578**							

7-Shape Blades feature a retention ledge to maintain position during overmolding (mold stop).
*Semi-Automatic Terminating Equipment is available, see below and page 8-58.
**For harsh environments.



S7560

.050 REC. OVERMOLD THICKNESS ON FACE

Heyco Male Bridge Machine (see page 8-60)

Materials		Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Black and Natural - 6/6 Nylon, Clear - Polycarbonate
Certifications		Recognized Component under UL File E164169 (Component Blades only) Certified by the Canadian Standards Association File 91824
Standards		NEMA 5-15P

Quick Specs

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HEYCO

Heyco® Preassembled Cordset Components

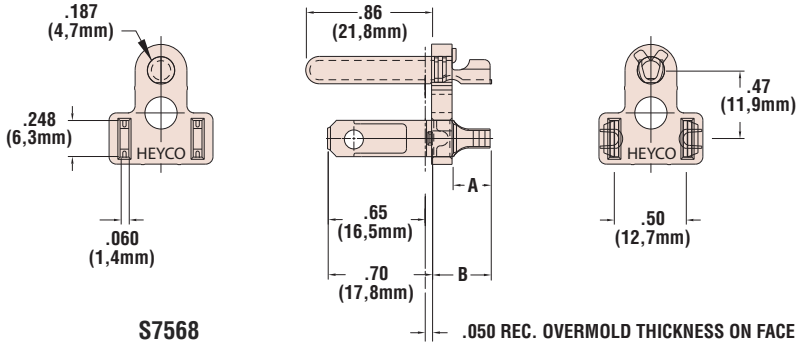
For Heyco Application Equipment, see pages 8-59 and 8-60

Male Padded Bridge–NEMA 5-15P

PART DATA			PART	APPLICATION TOOLING*				CRIMP DIMENSIONS	
Type	Color	AWG Range	NO.	Die	Feeds	Crimp Punch	Anvil	A in.	B in.
5-15P Male Padded Bridge	Black	18-14	**S7568**	Z294	Semi-Auto*	Z318, Z291	Z290	.26	.40 NEW!
	Natural	18-14	**S7569**						
	Clear	18-14	**S7582**						
5-15P Male Padded Bridge Tinned	Black	18-14	**S7586**						
	Natural	18-14	**S7588**						
	Clear	18-14	**S7587**						

*Semi-Automatic Terminating Equipment is available, see page 8-60.

- Heyco Padded Blades are **far less expensive** than their Full Thickness counterparts (pages 8-31 thru 8-34), yet they are functionally equivalent.
- Thinner gauge material lowers cost, yet full pad configuration meets UL power cord requirements, including **UL 1659**.
- Heyco Padded Blades utilize less brass but retain all of the strength of our Full Thickness Blades, at a **lower cost**.
- Our Padded Bridge design **accommodates existing overmolds** designed for Padded Blades.
- Automated terminating equipment is available, see page 8-60.
- See page 8-60 for wire stripper information.
- DFARS Compliant



S7568

.050 REC. OVERMOLD THICKNESS ON FACE

Materials		Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Nylon 6/6
Certifications		Recognized Component under UL File E164169 (Component Blades only) Certified by the Canadian Standards Association File 91824
Standards		NEMA 5-15P

Quick Specs

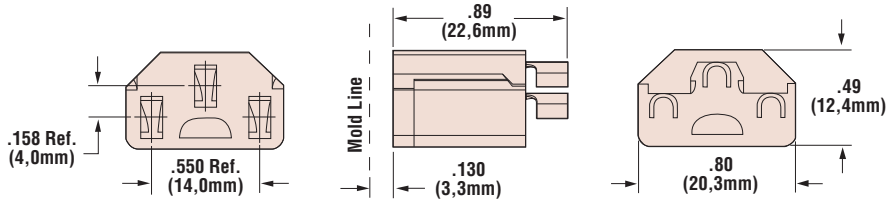
Heyco® Preassembled Cordset Components

IEC-320 Business Machine Assembly - C13 Female - 250V, 10 Amps

- Crimp all three terminals at once.
- **Faster loading of plug molds.**
- Assure reliable contact performance.
- Improve plug quality.
- **Reduce PVC usage and plug cost!**
- Available assembled or unassembled.
- Automated terminating equipment is available. Consult Heyco for details.
- IEC 60320 compatible.
- For Heyco's IEC-14 Plug, see page 6-40.
- DFARS Compliant

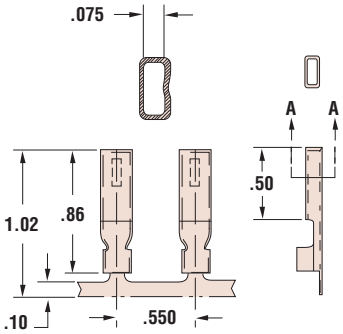
PART DATA			PART NO.	APPLICATION TOOLING*			
Type	Color	AWG Range		Die**	Feeds	Crimp Punch	Anvil
IEC-320 Biz Machine Assembly	Black	18-14	**S7580**	S7580SXX5	-	C774	C775
Unassembled IEC-320 Housing	Black	n/a	**S7780**				

* Use the Heyco Standard Applicator Die (indicated by the second "S" in the Die Part No.), page 8-59
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

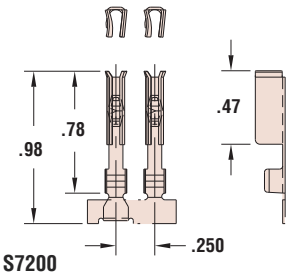


S7580

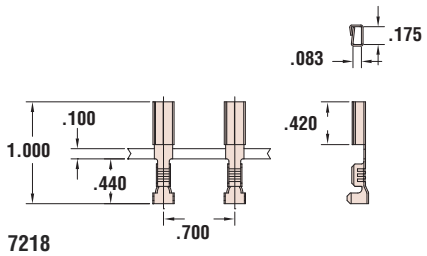
7216



BMC-1



S7200



7218

Heyco® Business Machine Female Connectors

IEC-320 - C13 Female - 250V, 10 Amps

PART DATA				PART NO.	APPLICATION TOOLING*				
Type	Gap mm.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Crimp	-	18-14	Brass	**7216**	7216UXX5	Left to Right	B954L/B955L	C655	C658
Insulation Crimp†	-	18-14	Brass	**7218**	7218UXX5	Left to Right	B956L/B957L		
BMC-1 .070˝	1,8	18-12	Brass	**7221**	7221UXX5	Left to Right	B440L/B441L	C128	C130
BMC-1 .075˝	1,9	18-12	Brass Tin-Pl	**7220** **7222**	7220UXX5 7222UXX5				
Unassembled BMC IEC-320 Contact		18-14	Brass	**S7200**	S7200UXX5 S7200SXX5	Left to Right	B964L/B965L	C688	C689

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
For Part No. S7200, the Heyco Standard Applicator Die may also be used.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Insulation Crimp Terminals provide **strain relief** as well as **support** for insertion into the housing.

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping 6/6 Nylon

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HEYCO

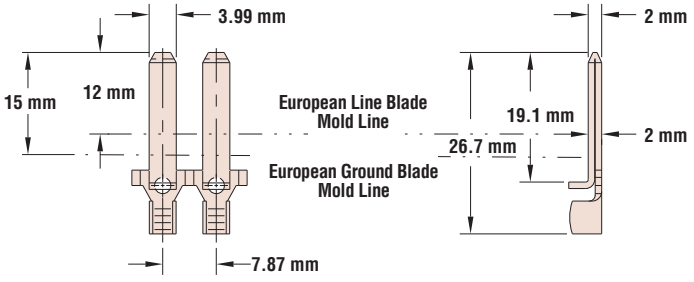
Heyco® Business Machine Male Contacts

European Style, Folded Design - IEC-320 - C14 Male - 250V, 10 Amps

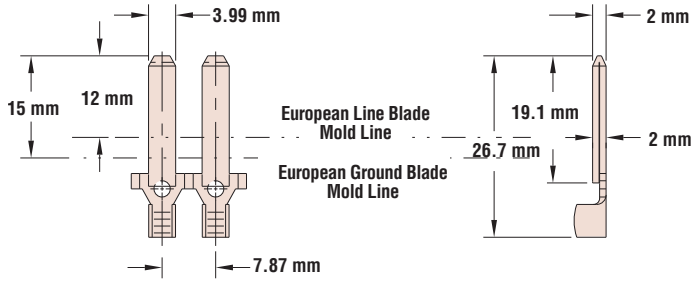
PART DATA				PART NO.	APPLICATION TOOLING*				
Type	Euro Mold Line mm.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Strain Relief Leg	12/15	18-14	Tin-Pl	**5759**	5759UXX5	Left to Right	B104L/B105L	C296	C304
				5760	5760UXX5	Right to Left	B104R/B105R		
Flat	12/15	18-14	Tin-Pl	**8151**	8151UXX5	Left to Right	B104L/B105L	C296	C304
			Post-Ni	**8153**	8153UXX5				
			Tin-Pl	**8150**	8150UXX5	Right to Left	B104R/B105R		
Flat w/ Disc Tab	12/15	18-14	Tin-Pl	**8156**	-	Bulk	-	-	-
	Length								
Solder	23,9	-	Brass	**5770**	-	Bulk	-	-	-
	26,9	-	Brass	**5771**					

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

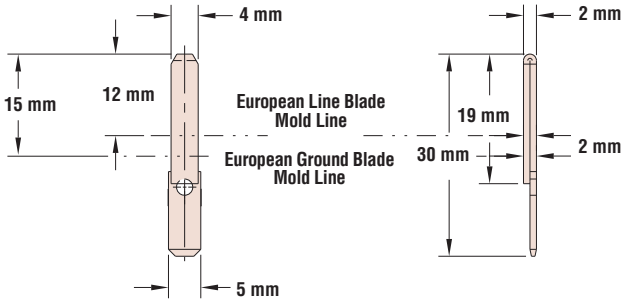
- **IEC 60320 compatible.**
- For Heyco's IEC-14 Plug, see page 6-40
- DFARS Compliant



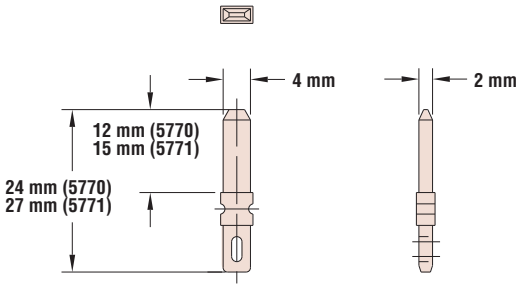
Strain Relief Leg



Flat



Flat with Disc Tab



Solder

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

Quick Specs

HEYCO

Heyco® Heavy Duty Male Blades for Range and Dryer

See Pages 8-43 & 8-44 for Heavy Duty Ground Pins

127 Series
- Heavy Duty Terminal Blade.
- 30, 50, and 60 Amp rating.
- Flag type construction for right angle and straight thru plugs.
- Conductor crimp ears only
- DFARS Compliant

128 Series
- Shorter length and smaller crimp ears than the 127 Series and thus lower in cost.
- Conductor crimp ears only.
- DFARS Compliant

375 Series
- a.k.a. "Travel Trailer" terminal blade.
- 30 Amp rating.
- Flag type construction for right angle and straight thru plugs.
- Conductor crimp ears only.
- DFARS Compliant

310 Series
- Shorter in length and narrower than 375 Series.
- 20 Amp rating.
- Flag type construction for right angle and straight-thru plugs features a strain relief "knee" for added pull out protection.
- DFARS Compliant

Padded HD Blades ("PAD") versus Flat HD Blades:
- Flat Heavy Duty Blades are **front loaded** for overmolding.
- Due to their shaped profiles, Padded Heavy Duty Blades are **side loaded** for overmolding.
- Heyco Heavy Duty **Padded Blades** are **far less expensive** than their Flat counterparts, yet they are functionally equivalent and evaluated and approved by UL for use in UL 817 applications.
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*			
Type	AWG Range	Material		Die**	Feeds	Crimp Punch	Anvil
127 Series							
.500 Range/Dryer Blade	8-6	Brass Tin-Pl Post-Ni	**6000** **6001** **5999**	6000SXX5 6001SXX5 5999SXX5	Bulk	0V23	0V22
		Brass	**6004**	6004SXX5	Dual		
127-3 Series							
.315 Range/Dryer Blade	8-6	Brass Tin-Pl	**6010** **6011**	6010SXX5 6011SXX5	Bulk	0V23	0V22
		Brass	**6012**	6012SXX5	Dual		
127-PAD Series - evaluated and approved by UL for use in UL817 applications							
Padded Range/Dryer Blade	12-8	Brass	**6020**	6020SXX5	Bulk	0V75	0V74
			6021	6021SXX5	Dual		
127-90 Series							
90° Range/Dryer Ground Blade	10-8	Brass Tin-Pl	**6002** **6003**	6002SXX5 6003SXX5	Bulk	0W83	0W82
		Brass	**6005** **6006**	6005SXX5 6006SXX5	Left to Right Right to Left	0V59 0V46	0V58 0V45
127-90-SC Series - Small Crimp							
90° R/D Ground Small Crimp	12-8	Brass	**6007**	6007SXX5	Bulk	0V92	0V90
128 Series							
.500 R/D Line Blade	12-8	Brass	**6015** **6017**	6015SXX5 6017SXX5	Bulk Dual	0V41	0V40
128-3 Series							
.315 R/D Line Blade	12-8	Brass	**6016** **6018**	6016SXX5 6018SXX5	Bulk Dual	0V41	0V40
128-PAD Series - evaluated and approved by UL for use in UL817 applications							
Padded R/D Line Blade	12-8	Brass	**6013** **6014**	6013SXX5 6014SXX5	Bulk Dual	0V74	0V75
375 & 310 Series							
.375 Line Blade	14-10	Brass	**5950** **5951**	5950SXX5 5951SXX5	Bulk Dual	0B95 0W72	0B94 0W74
.310 Line Blade	14-10	Brass	**6051**	6051SXX5	Bulk	0AO3	05C8

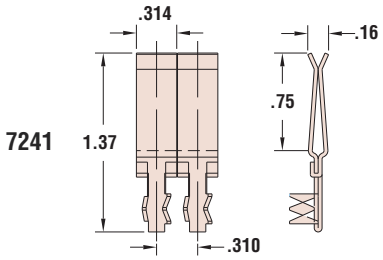
* Use the Heyco Standard Applicator Die (indicated by "S" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

Heyco® Heavy Duty Female Blade

PART DATA			PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Material		Die**	Feeds	Tool Pack	Crimp Punch	Anvil
Wiping Contact	14-12	Brass	**7241**	7241UXX5	Left to Right	B404L/B405L	C399	C401

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping
Certifications	Heavy Duty Non-Padded Blades: UL Listed File E164169 127-PAD and 128-PAD Series: Evaluated and approved by UL for use in UL817 applications



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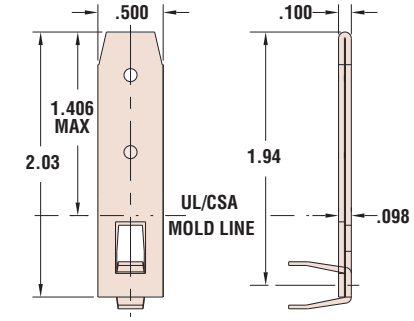
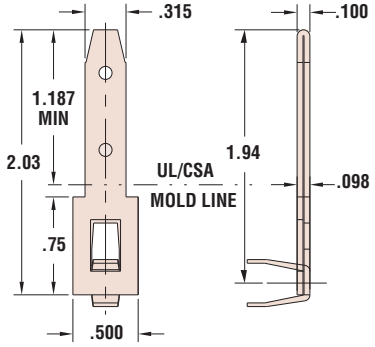
Heyco® Heavy Duty Male Blades for Range and Dryer

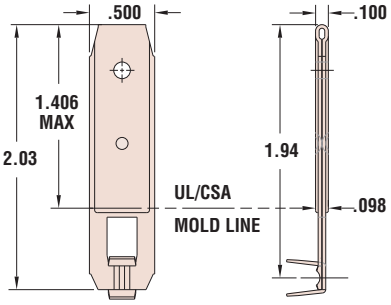
Heavy Duty Blade Schematics



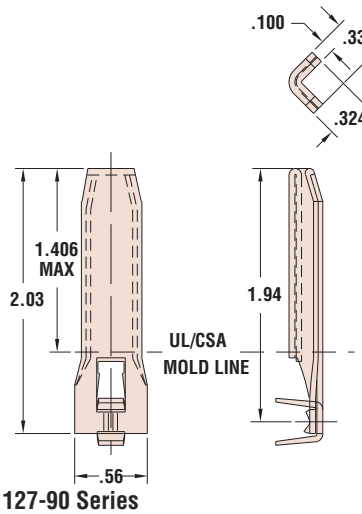
127 Series



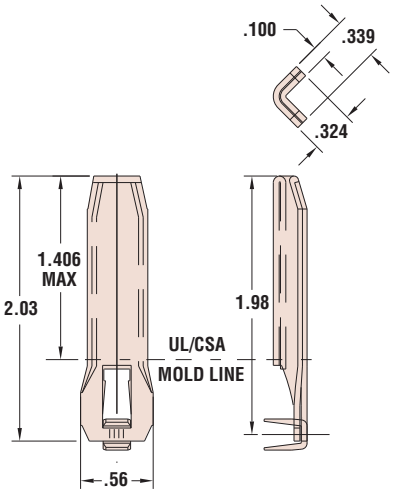
127-3 Series



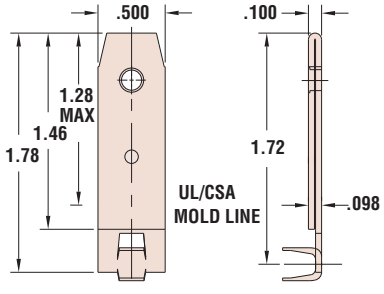
127-PAD Series



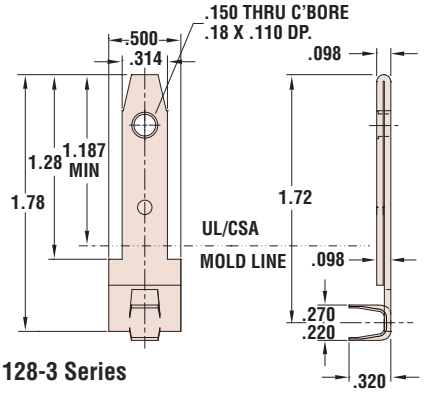
127-90 Series



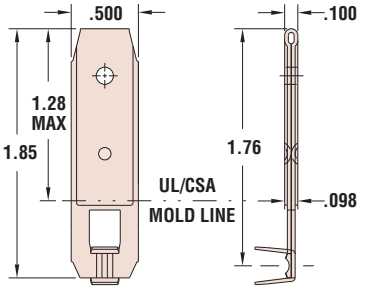
127-90-SC Series



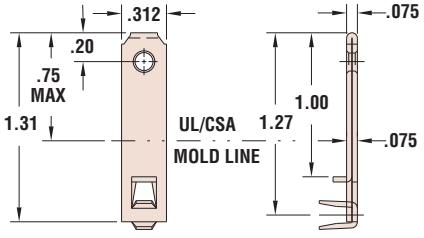
128 Series



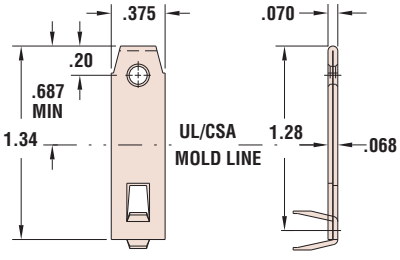
128-3 Series



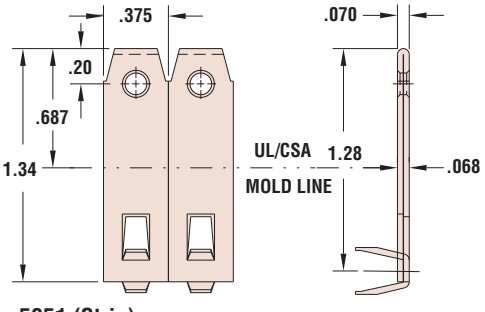
128-PAD Series



6051 (Bulk)



5950 (Bulk)



5951 (Strip)

HEYCO

Heyco® Padded Male Blades

For mating Female Cord Connectors, see page 8-50.
For Male Ground Pins, see pages 8-39 & 8-40.
For Padded Male/Female Combination Terminals, see page 8-57.

NEMA 1-15P & 5-15P – .043˝ Mold Line Thickness

Lower material content makes for a less expensive UL Approved Blade!

- Heyco Padded Blades are **far less expensive** than their Full Thickness counterparts (pages 8-31 thru 8-34), yet they are **functionally equivalent**.
- Thinner gauge material **lowers cost**, yet full pad configuration meets UL power cord requirements, including **UL 1659**.
- All Heyco Padded Blades feature a 90° "knee" section for **strain relief** and assembly orientation.
- For overmolding, Padded Blades must be **side loaded** due to their shaped profile.
- **Series 112** Padded Blades feature a flow-through hole plus "knee" below the mold line for strain relief pull out protection.
- **Series 112-8** Padded Blades feature an extended 90° knee for additional strain relief.
- **Series 103** Polarized Padded Blades are the "heavier duty, full width designed" choice among these lighter duty blades for 18-14 AWG conductors.
- **Series 103-N** Padded Blades are heavier duty and notched to meet high temperature pull out requirements.
- **Series 104 and 104-E** Polarized Blades feature "full narrow" hot (black wire) blade design i.e., the hot blade does not taper at the tip for added strength and appearance.
- **Series 104-E** Insulation Crimp Blades provide strain relief and wire support for shock and vibration resistance, and support for insertion into the mold block.
- DFARS Compliant

PART DATA			PART NO.		APPLICATION TOOLING*					
					Die**					
Length Below Mold Line	AWG Range	Material	Non-polarized	Polarized	For Non-polarized	For Polarized	Feeds	Tool Packs	Crimp	Anvil
Series 112 - Flow-Through Hole Plus "Knee" for Strain Relief Protection										
.37	22-20	Brass	**5048**	**5049**	5048UXX5	5049UXX5	Left to Right	B100L/B101L	C236	C254
	18-14	Brass	-	**5046**	-	5046UXX5				
			5044	**5045**	5044UXX5	5045UXX5	Right to Left	B100R/B101R		
Series 112-8 - Extended Knee for Improved Strain Relief										
.37	18-14	Brass	**5080**	**5082**	5080UXX5	5082UXX5	Left to Right	B100L/B101L	C236	C254
		Tin-Pl	**5084**	**5086**	5084UXX5	5086UXX5				
		Brass	**5081**	**5083**	5081UXX5	5083UXX5	Right to Left	B100R/B101R		
		Tin-Pl	**5085**	**5087**	5085UXX5	5087UXX5				
Series 103 - Heavier Duty with Strain Relief Knee										
.47	18-14	Brass	**5112**	-	-	5112UXX5	Left to Right	B100L/B101L	C236	C254
Series 103-N - Heavier Duty; Notched for High Temperature										
.47	18-14	Brass	**5181**	**5183**	5181UXX5	5183UXX5	Left to Right	B100L/B101L	C236	C254
		Post-Ni	-	**5187**	-	5187UXX5				
		Brass	**5180**	**5182**	5180UXX5	5182UXX5	Right to Left	B100R/B101R		
Series 104 - Extra Crimp Length and Height; Strain Relief Knee										
.42	18-14	Brass	**5121**	**5123**	5121UXX5	5123UXX5	Left to Right	B118L/B119L	C293	C794
Series 104-E - Length Extended for Insulation Crimp; Strain Relief Knee										
.59	18-14	Brass	**5125**	**5127**	5125UXX5	5127UXX5	Left to Right	B114L/B115L	C294	C302
		Tin-Pl	**5133**	**5135**	5133UXX5	5135UXX5				

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping
Certifications	Recognized Component under UL File E164169 Certified by the Canadian Standards Association File 91824
Standards	NEMA 1-15P & NEMA 5-15P

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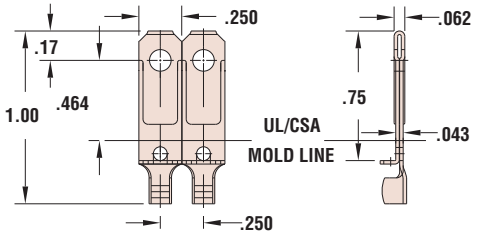
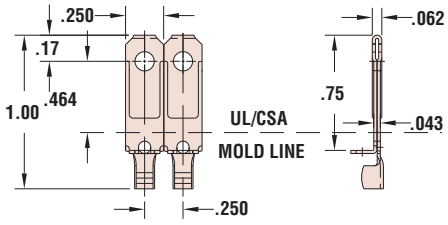
Heyco® Padded Male Blades

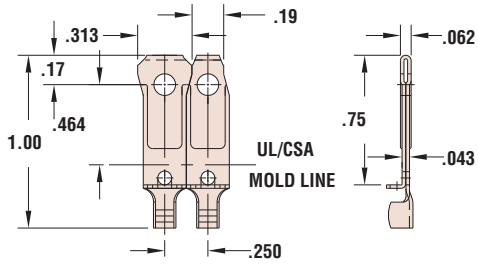
NEMA 1-15P & 5-15P Padded Blade Schematics



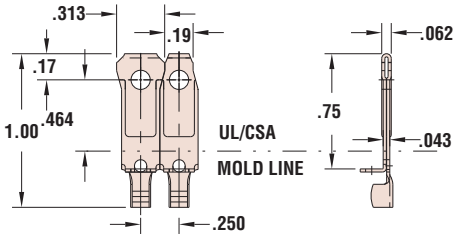
112 Series Non-Polarized



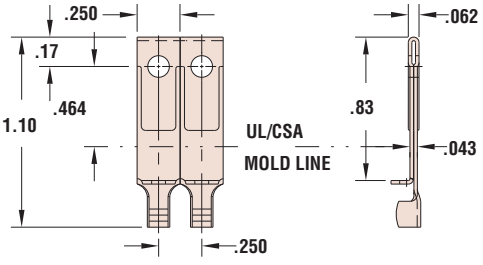
112-8 Series Non-Polarized



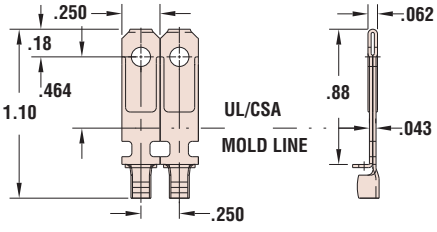
112 Series Polarized



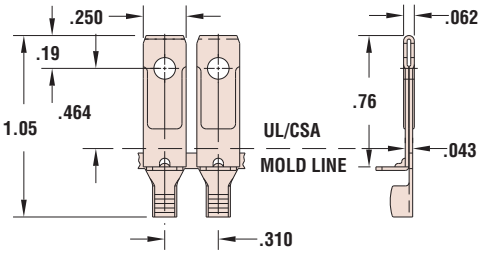
112-8 Series Polarized



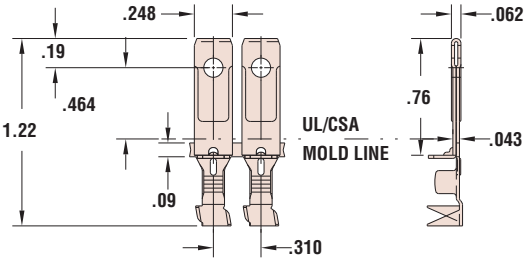
103 Series 1- Hole



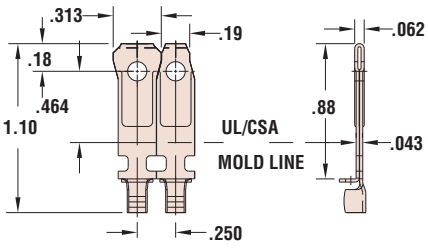
103-N Series Non-Polarized



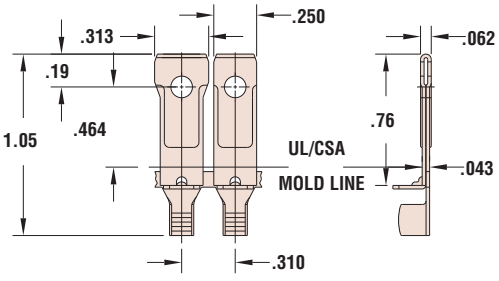
104 Series Non-Polarized



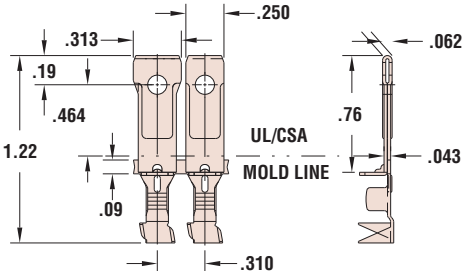
104-E Series Non-Polarized



103-N Series Polarized



104 Series Polarized



104-E Series Polarized

HEYCO

Heyco® Full Thickness Male Blades

For mating Female Cord Connectors, see page 8-50.
For Male Ground Pins, see pages 8-39 & 8-40.
For Full Thickness Male/Female Combination Terminals, see pages 8-55 & 8-56.

NEMA 1-15P & 5-15P – .058˝ Mold Line Thickness

- All Heyco Full Thickness Blades pass UL 1659 crimp area test requirements.
- All Heyco Full Thickness Blades feature a 90° "knee" section for **strain relief** and assembly orientation. Exceptions: 116 and 116-N Series parts.
- All Flat Full Thickness, Non-Polarized Blades are **front loaded** for overmolding.
- All Polarized and 7-Shape Full Thickness Blades are **side loaded** for overmolding.
- **Series 100** Polarized Blades feature a unique full wide/full narrow design i.e., for strength and appearance, both neutral (white wire) and hot (black wire) have straight sides.
- **Series 110-N and 116-N** Full Thickness Blades are notched to meet high temperature pull out requirements.
- **Series 110-E and 102-E** Insulation Crimp Blades provide strain relief and wire support for shock and vibration resistance, as well as support for insertion into the mold block. Series 102-E Blades are stamped with a carrier strip between blades. These parts accept a wider conductor range than the 110-E Series.
- **Series 116 and 116-N** Blades feature a larger crimp section for heavier 14-10 AWG gauge conductors.
- For strain relief protection, the 116 Series feature a flow-through hole below the mold line and 116-N blades are notched.
- DFARS Compliant

PART DATA			PART NO.		APPLICATION TOOLING*					
					Die**					
Profile	AWG Range	Material	Non-polarized	Polarized	For Non-polarized	For Polarized	Feeds	Tool Packs	Crimp Punch	Anvil
100 Series - Full Wide / Full Narrow Design with Strain Relief Knee										
Flat	18-14	Brass	-	**5060**	-	5060UXX5	Right to Left	B176R/B177R	C242	C252
			-	**5061**	-	5061UXX5	Left to Right	B176L/B177L		
110 Series - Standard Blade with Strain Relief Knee										
Flat	18-14	Brass	**5400**	**5423**	5400UXX5	5423UXX5	Left to Right	B184L/B185L	C234, C714	C253, C715
7-Shape	18-14	Brass	**5415**	**5421**	5415UXX5	5421UXX5				
		Tin-Pl	**5445**	-	5445UXX5	-				
Flat	18-14	Brass	**5403**	**5424**	5403UXX5	5424UXX5	Right to Left	B184R/B185R		
7-Shape	18-14	Brass	**5416**	**5422**	5416UXX5	5422UXX5				
110-N Series - Notched for High Temperature										
Flat	18-14	Brass	**5460**	**5462**	5460UXX5	5462UXX5	Left to Right	B184L/B185L	C234	C253
7-Shape	18-14	Brass	**5470**	**5472**	5470UXX5	5472UXX5				
Flat	18-14	Brass	**5461**	**5463**	5461UXX5	5463UXX5	Right to Left	B184R/B185R		
7-Shape	18-14	Brass	**5471**	**5473**	5471UXX5	5473UXX5				
110-E Series - Length Extended for Insulation Crimp; Strain Relief Knee										
Flat	18-16	Brass	**5407**	**5420**	5407UXX5	5420UXX5	Left to Right	B188L/B189L	C234	C260
7-Shape	18-16	Brass	**5417**	**5414**	5417UXX5	5414UXX5				
	18-16	Brass	**5437**	-	5437UXX5	-				
	18-16	Tin-Pl	**5404**	-	5404UXX5	-				
Flat	18-16	Brass	**5439**	-	5439UXX5	-	Right to Left	B188R/B189R		
7-Shape	18-16	Brass	**5438**	**5413**	5438UXX5	5413UXX5				
102-E Series - Carrier Strip; Extended Length for Insulation Crimp										
Flat	18-14	Brass	**5426**	**5425**	5426UXX5	5425UXX5	Left to Right	B976L/B977L	C825	C826
7-Shape	18-14	Brass	**5427**	**5428**	5427UXX5	5428UXX5				
116-Series - For Heavier AWG Conductors										
Flat	14-10	Brass	**5670**	**5674**	5670UXX5	5674UXX5	Left to Right	B196L/B197L	C245	C264
		Tin-Pl	**5673**	-	5673UXX5	-				
7-Shape	14-10	Brass	**5667**	**5668**	5667UXX5	5668UXX5				
			5665	-	5665UXX5	-	Right to Left	B196R/B197R		
116-N Series - For Heavier AWG Conductors; Notched for High Temperature										
Flat	14-10	Brass	**5656**	**5657**	5656UXX5	5657UXX5	Left to Right	B196L/B197L	C245	C264
7-Shape	14-10	Brass	**5658**	**5659**	5658UXX5	5659UXX5				
Flat	14-10	Brass	**5655**	-	5655UXX5	-	Right to Left	B196R/B197R		
115-X Series - Side Folded for Round Edges and Tip										
Flat	18-14	Brass	**5651**	-	5651UXX5	-	Bulk Only			NEW!
		Tin-Pl	**5652**	-	5652UXX5	-				

7-Shape Blades feature a retention ledge to maintain position during overmolding (mold stop).

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.

** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping
Certifications	Recognized Component under UL File E164169 Certified by the Canadian Standards Association File 91824
Standards	NEMA 1-15P & NEMA 5-15P

Quick Specs

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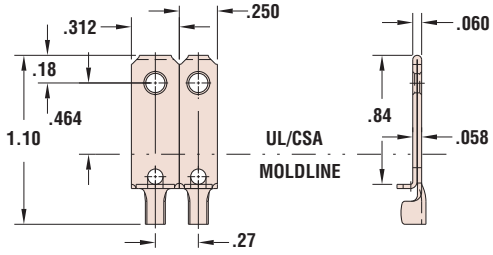
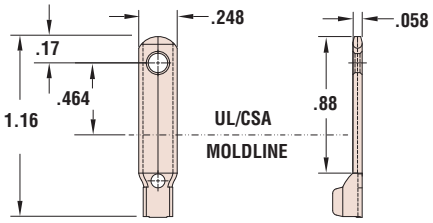
Heyco® Full Thickness Male Blades

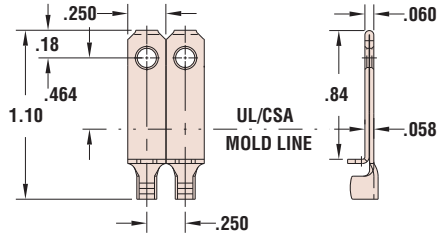
NEMA 1-15P & 5-15P – .058˝ Mold Line Thickness Schematics



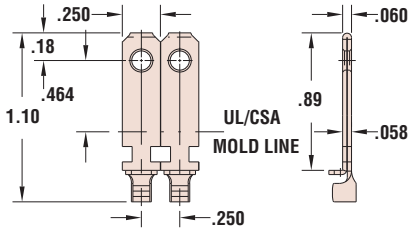
100 Series Polarized



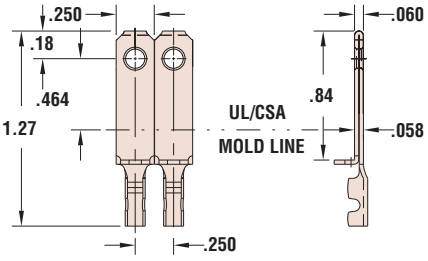
115-X Series



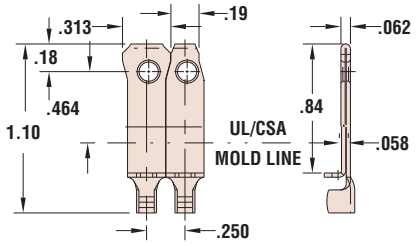
110 Series Non-Polarized



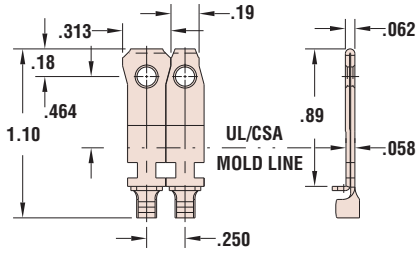
110-N Series Non-Polarized



110-E Series Non-Polarized



110 Series Polarized



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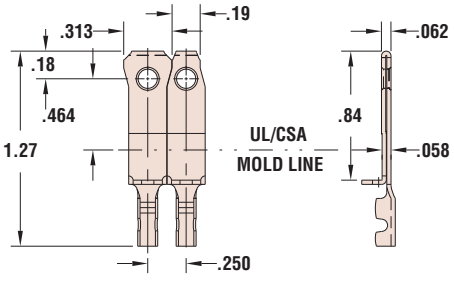

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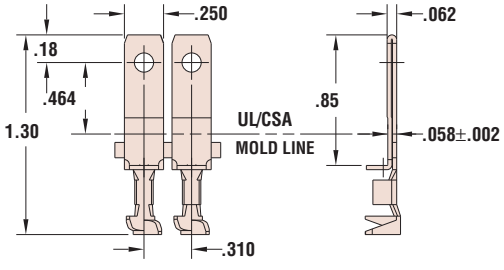
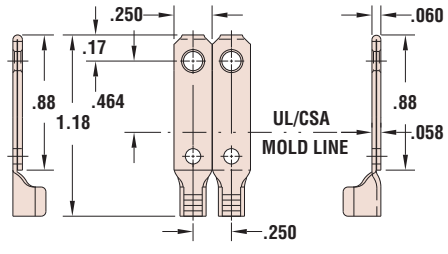
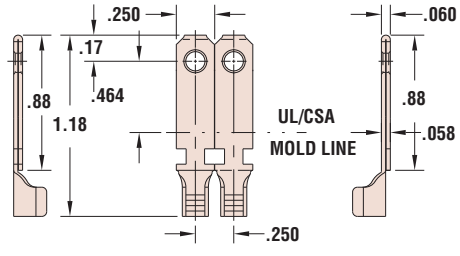


102-E Series Non-Polarized



116 Series Non-Polarized



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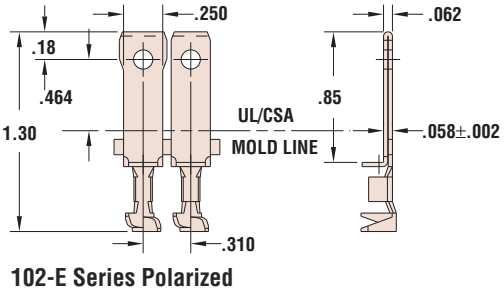

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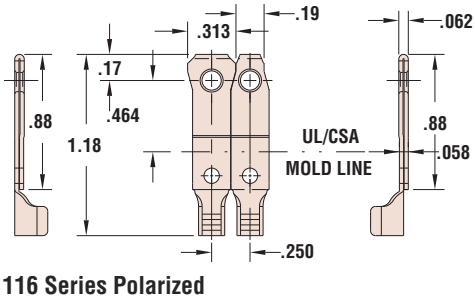
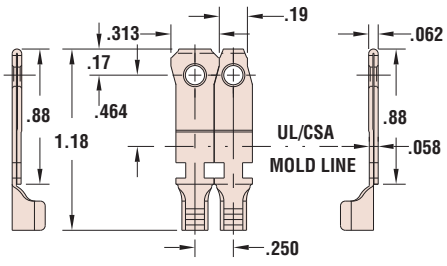


116 Series Polarized



116-N Series Polarized

HEYCO

Heyco® Full Thickness Male Blades

For Right Angle Plugs

NEMA 1-15P & 5-15P – .058˝ Mold Line Thickness

- All **Series 119 and 119-18** Blades feature 90° crimp sections for Right Angle Plugs.
- All **Series 119 and 119-18** Blades feature large flow-through holes below the mold line, for strain relief pull out protection.
- All **Series 119 and 119-18** Blades are front loaded for overmolding.
- **Series 119** Blades feature a larger crimp section for AWG 14-12 gauge conductors.
- **Series 119-18** Blades feature a smaller crimp section for AWG 18-16 gauge conductors.
- Flat Part No. 5706 has no strain relief "knee" resulting in lower material content savings.
- DFARS Compliant

PART DATA			PART NO.		APPLICATION TOOLING*				
					Die**				
Profile	AWG Range	Material	Non-polarized	Polarized	For Non-polarized	For Polarized	Feeds	Crimp Punch	Anvil
119 Series - larger crimp section									
Flat	14-12	Brass Tin-Pl	**5700** **5749**	- -	5700SXX5 5749SXX5	- -	Dual Rear	08A3	07A7
119-18 Series - smaller crimp section									
Flat w/ Knee	18-16	Brass Tin-Pl	**5703** **5704**	- -	5703SXX5 5704SXX5	- -	Dual Rear	08A4	07A8
Flat no Knee	18-16	Brass	**5706**	-	5706SXX5	-			

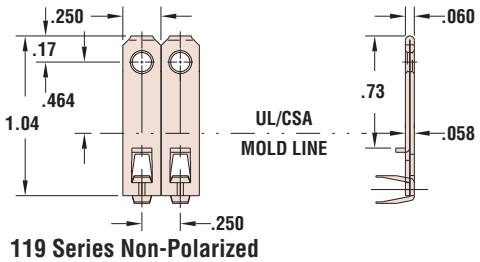
* "S" in the Die Part No. indicates Heyco Standard Applicator Die; "U" indicates Heyco Universal Applicator Die. These high volume Applicators are designed for 3-5 ton presses - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

For Low Profile Flat Plugs

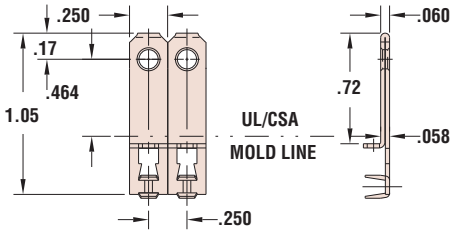
NEMA 1-15P & 5-15P – .060˝ Mold Line Thickness

PART DATA				PART NO.		APPLICATION TOOLING*				
						Die**				
Profile	Overall Length in.	AWG Range	Material	Non-polarized	Polarized	For Non-polarized	For Polarized	Feeds	Crimp Punch	Anvil
Flat	1.01	18-14	Brass	**8021** **8020**	**8023** **8022**	8021SXX5 8020SXX5	8023SXX5 8022SXX5	Left to Right Right to Left	0L06, 0L35	0L10

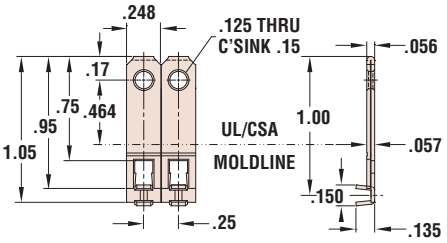
* Use the Heyco Standard Applicator Die (indicated by "S" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



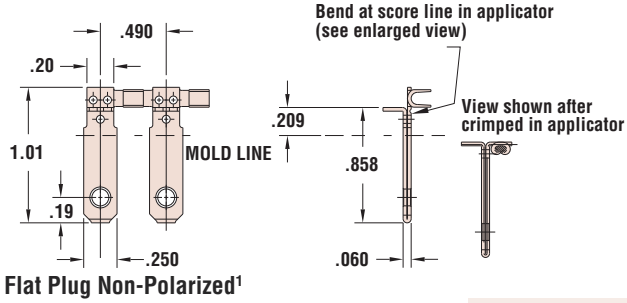
119 Series Non-Polarized



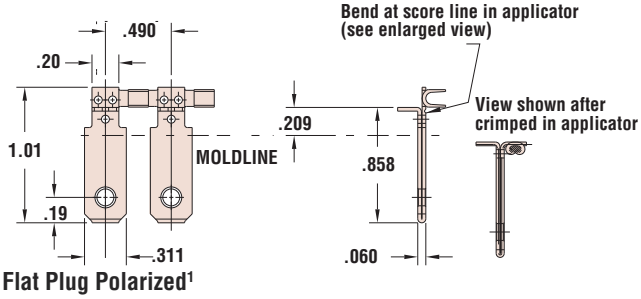
119-18 Series Non-Polarized



5706



Flat Plug Non-Polarized[1]



Flat Plug Polarized[1]

[1] **All Flat Plug Blades are "full wide/full narrow" designed for added support when attached to conductors.**

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping
Certifications	Recognized Component under UL File E164169 Certified by the Canadian Standards Association File 91824
Standards	NEMA 1-15P & NEMA 5-15P

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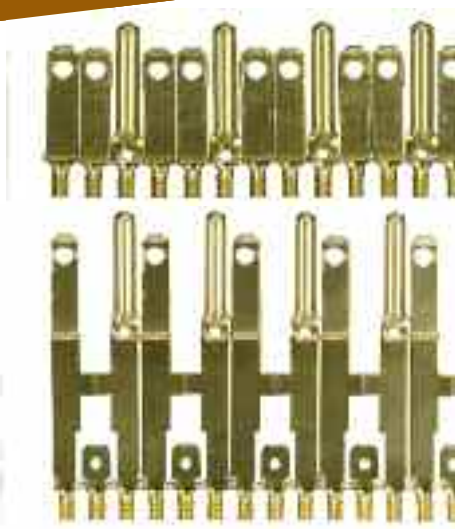
Heyco® Full Thickness Male Blades
BGB and BGMT Series

Blade-Pin-Blade/Blade-Tab-Pin Strip Sequences

NEMA 1-15P & 5-15P – .058˝ Mold Line Thickness

One shot, one operator, one die terminating!

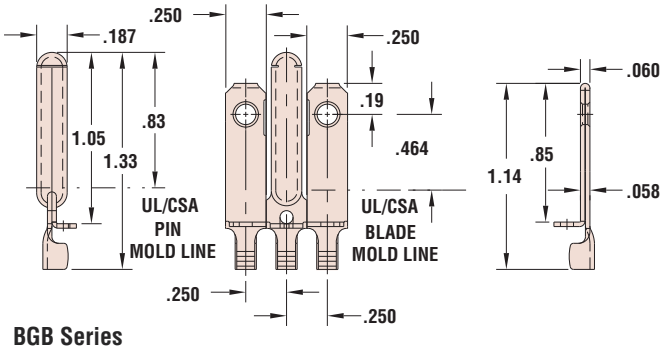
For mating Female Cord Connectors, see page 8-50.
For Male Ground Pins, see pages 8-39 & 8-40.
For Full Thickness Male/Female Combination Terminals, see pages 8-55 & 8-56.



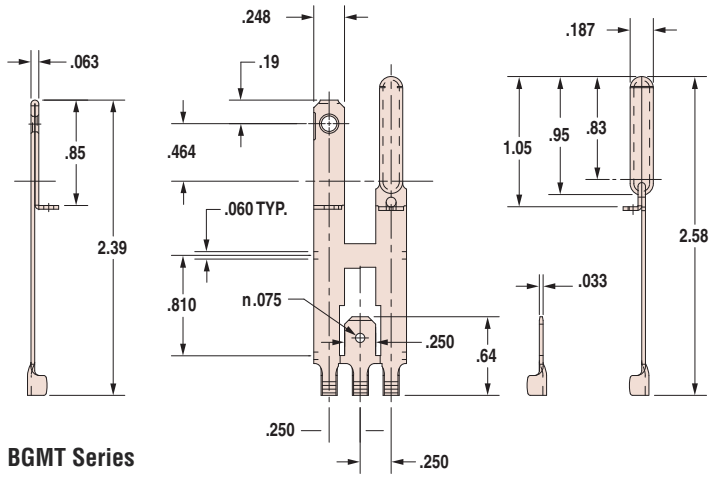
PART DATA			PART NO.		APPLICATION TOOLING*				
Blade Profile	AWG Range	Material	Non-polarized	Polarized	Die**	Feeds	Tool Pack	Crimp Punch	Anvil
BGB Series – Blade-Ground Pin-Blade									
Flat	18-14	Brass	**5790**	-	5790UXX5	Left to Right	B280L/B281L	C453	C327
		Post-Ni	**5794**	-	5794UXX5				
7-Shape	18-14	Brass	**5792**	-	5792UXX5				
		Tin-Pl	**5796**	-	5796UXX5				
		Brass	**5793**	-	5793UXX5	Right to Left	B280R/B281R		
							alternate tooling for above BGB'S:		
	18						B282L/B283L	C798	C327
	16						B284L/B285L	C799	
	14						B286L/B287L	C800	
BGMT Series – Blade-Male Tab-Ground Pin									
Flat	18-14	Brass	**5797**	-	Consult Heyco	Left to Right	Consult Heyco		

7-Shape Blades feature a retention ledge to maintain position during overmolding (mold stop).
* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

- BGB and BGMT Series Blades feature (3) components on one reel, allowing the operator to attach all three conductors at once for highly efficient **"3-Up" terminating: one shot, one operator, one die.**
- Flat BGB/BGMT Plug Blades are **front loaded** for overmolding.
- Due to their profile, 7-Shape BGB Blades are **side loaded** for overmolding.
- Both BGB and BGMT feature a **unique folded, double-seam** Ground Pin design.
- DFARS Compliant



BGB Series



BGMT Series

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping
Certifications	Recognized Component under UL File E164169 Certified by the Canadian Standards Association File 91824
Standards	NEMA 1-15P & NEMA 5-15P

Quick Specs

Heyco® Hospital Grade Solid Male Blades

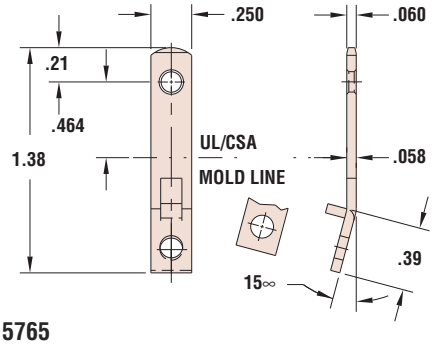
NEMA 1-15P & 5-15P – .058˝ Mold Line Thickness

Used in solder connected applications for "hospital grade" plugs at .057˝ (1,4 mm) solid brass

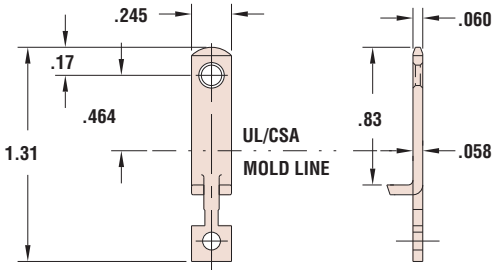
- Heyco's Hospital Grade Line features **solid brass** and **soldered connections** for **increased** strain relief, reliability, and performance.
- DFARS Compliant

PART DATA				PART NO.		
Type	Overall Length in.	AWG Range	Material		Ref Drawing	Feeds
No Hole	1.31	Solder	Brass	**5768**	5768	Bulk
Flat	1.31	Solder	Brass Post-Ni	**5766** **5767**	5766	
Angle	1.38	Solder	Brass Post-Ni	**5765** **5764**	5765	Bulk

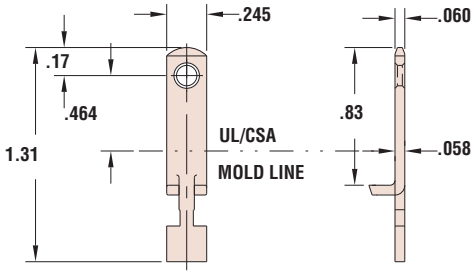
Post plated bright nickel finish available, consult Heyco.



5765



5766

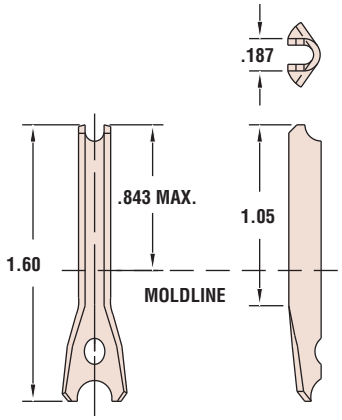


5768

Heyco® Hospital Grade U-Shape Ground Pins

- DFARS Compliant

PART DATA				PART NO.		
Type	Overall Length in.	AWG Range	Material		Ref Drawing	Feeds
U	1.60	Solder	Brass Post-Ni	**5820** **5821**	5820 5820	Bulk



5820

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Post-Ni = Brass, Nickel plated after stamping

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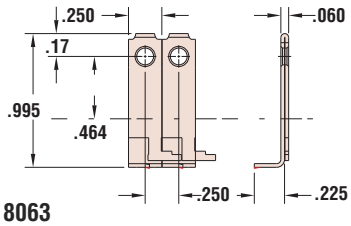
Heyco® Plug-In Device Contacts

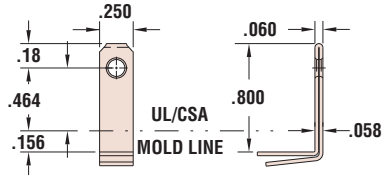
Type	PART DATA Overall Length in.	AWG Range	Material	PART NO. Non-polarized	Polarized	Feeds
Flat	1.00	Solder	Brass	8063	-	Left to Right
Flat	.80	Solder	Brass	8178	-	Bulk
	1.00	Solder	Brass	5029†	5031†	
				5030††		
Spring	1.28	Solder	Brass	5021	-	
Flat	1.30	Solder	Brass	8172	-	
	1.97	Solder	Brass	8191†††	-	
				8192		

† Part Nos. 5029 and 5031 must be ordered together.
†† Part No. 5030 has straight sides
††† No hole.

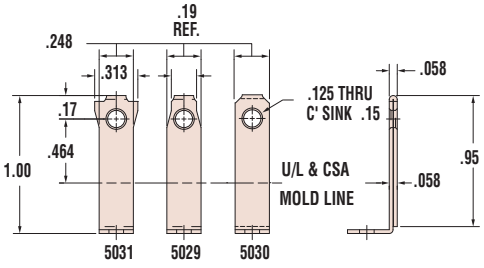
- **Designed for cordless OEM products** that plug directly into an electrical outlet:
  - Plug-in Transformers
  - Plug-in Electronic Power Supplies
  - Plug-in Electronic Enclosures
  - Plug-in Rodent and Other Pest Control Devices
  - Plug-in Air Fresheners and Insect Repellents
  - Plug-in Smoke and Carbon Monoxide Sensors and Alarms
  - Plug-in Timers
  - Plug-in Night Lights
- Plug-In Contacts are not UL or CSA approved.
- DFARS Compliant



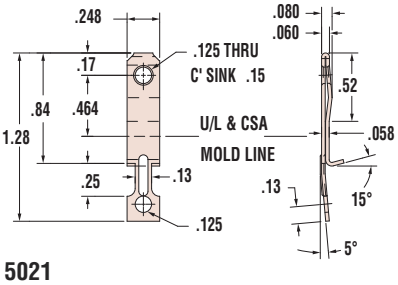
8063



8178



5031/5029, 5030



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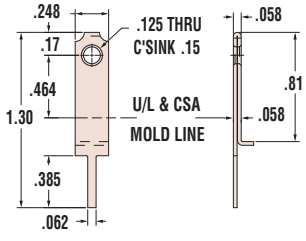

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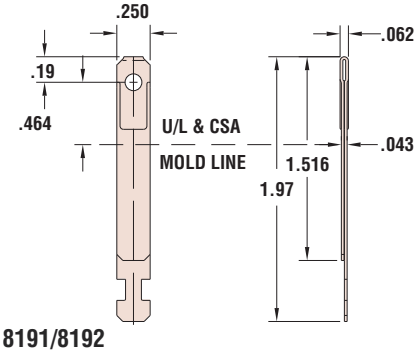


8191/8192

Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

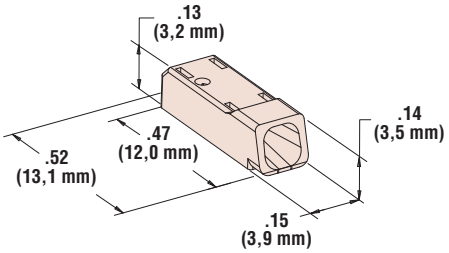
Quick Specs

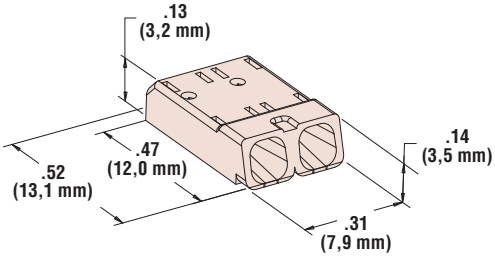
ALL NEW PRODUCTS!

Heyco® Surface Mount Miniature Connectors

- Lowest profile - suitable for LED printed circuit boards.
- Nominal voltage according to EN 60598-1:
  1-Pole - 600V
  2-Pole - 250V
- Nominal current - 6 Amps.
- Clamping Range for both solid and flexible conductors:
  24-18 AWG (0,20-0,75 mm²).
- Wire stripping length .315-.354˝ (8-9 mm).
- Maximum ambient temperature - 220°F (105°C).
- Insulation distances must be considered in the specific application.
- For Heyco's complete line of LED spacers see pages 7-28 and 7-29.

WIRE Size AWG	WIRE Size mm²	Type	AMPS North America	POLES	PART NO. White	DESCRIPTION	Pieces per Coil	Coils per Box
SMMC Series								
24	0,20-	Solid or	6	1	**4320**	SMMC-1	2000	10
18	0,75	Flexible		2	**4321**	SMMC-2	1500	
SMMC Release Pin Tool					**0995**	SMMC-T		

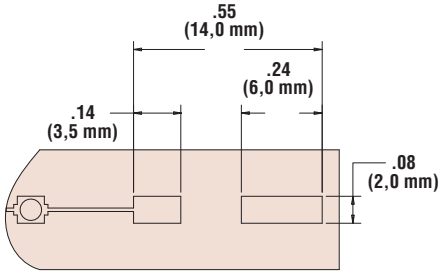




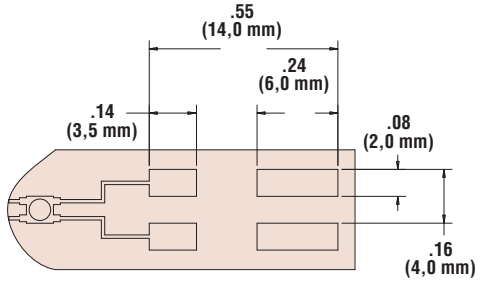
Openings for release of wires with Release Pin Tool #0995

Push-In terminals

Recommended Printed Circuit Board Configuration



SMMC-1



SMMC-2

Quick Specs

Material	GF Nylon 6/6
Certifications	cULus Recognized under Components Program of Underwriters' Laboratories to both Canadian and US Requirements File E467283
Flammability Rating	94V-0
Temperature Range	-.4°F (-18°C) to 248°F (120°C)

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HEYCO

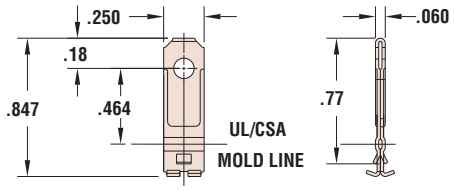
Heyco® PCB Contacts

PCB Blade, Pins, and Female Connectors

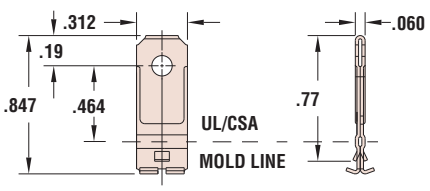
Type	PART DATA Dimensions in.	mm.	Material	PART NO. Non-polarized	Polarized	FEEDS
Blade	Length					
Snap-thru	.847	21,5	Brass	**5200**	**5201**	Bulk
Pins*	Diameter					
Snap-Thru	.187	4,7	Brass	**5940**	–	Bulk
Solder	.187	4,7	Brass	**5907**	–	Bulk
Right Angle	.125	3,2	Tin-Pl	**8050**	–	Bulk
1155-90 Female**	Length					
Wiping Contact 90°	.790	20,6	Brass	**7261**	–	Bulk

*For additional Heyco Specialty Pins, see page 8-42.
**For additional Heyco Female Cord Connectors, see page 8-50.

5200



5201



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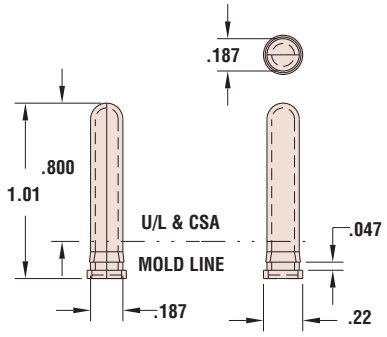

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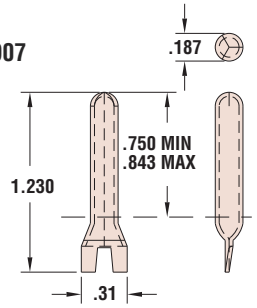

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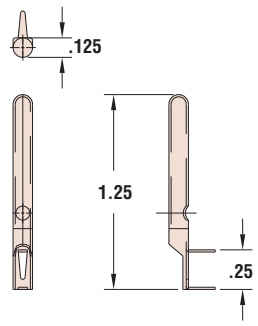

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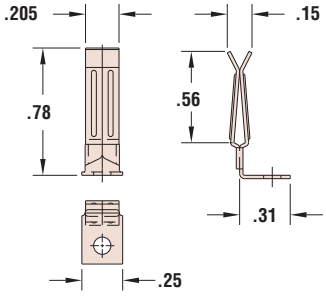
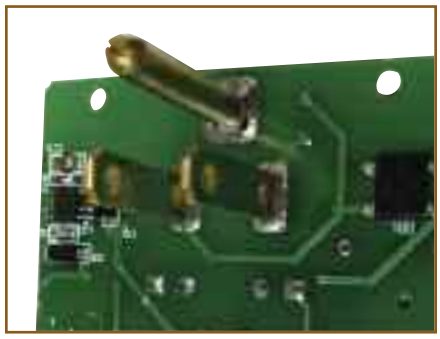


- Designed for printed circuit board applications when **connection to AC power is required**.
- Can be used for either NEMA 1-15 or 5-15 applications.
- **Part Nos. 5200 and 5201** are full wide designed for added support when attached to the printed circuit board.
- For our complete line of stamped Power Components, see Section 8.
- For our complete line of Nylon PCB Supports, see section 7.
- DFARS Compliant



Materials	Alloy 260 Brass (70% Cu, 30% Zn) Tin-Pl = Brass, Tin plated before or after stamping

Quick Specs

HEYCO

Heyco® .187″ Diameter Ground Pins - Male

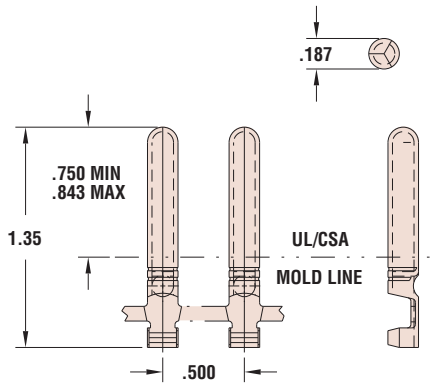
For Heyco Padded and Full Thickness Blades, see pages 8-29 thru 8-34

All Series:

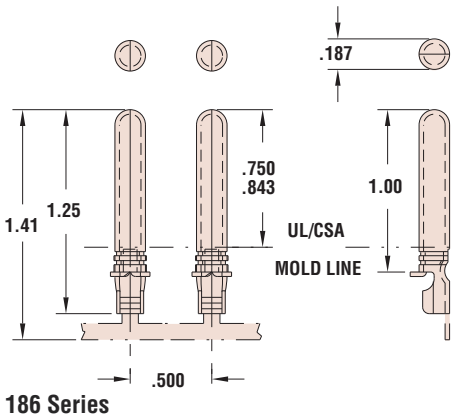
- **187″ (4,7 mm)** Outside Diameter.
- Conductor crimp ears only.
- Available only in continuous strip form except **Part No. 5877** available Bulk only.
- Overall length options of 1.25″ (31,8 mm), 1.35″ (34,3 mm), and 1.37″ (34,8 mm).
- **Series 186 and 186-L** feature a 90° "knee" section for **strain relief** and assembly orientation.
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*				
Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
188 Series								
1.35	18-12	Brass	**5922**	5922UXX5	Left to Right	B362L/B363L	C360	C629
		Tin-Pl	**5921**	5921UXX5				
		Brass	**5923**	5923UXX5	Right to Left	B362R/B363R	C360	C365
		Tin-Pl	**5924**	5924UXX5				
186 Series								
1.25	18-14	Brass	**5877**	-	Bulk	-	-	-
		Brass	**5879**	5879UXX5	Left to Right	B360L/B361L	C001	C009
		Tin-Pl	**5883**	5883UXX5				
		Brass	**5880**	5880UXX5	Right to Left	B360R/B361R		
		Tin-Pl	**5875**	5875UXX5				
	14-10	Brass	**5881**	5881UXX5				
186-L Series								
1.37	18-14	Brass	**5889**	5889UXX5	Left to Right	B360L/ B361L	C001	C009
	14-10	Brass	**5888**	5888UXX5				
	18-14	Brass	**5886**	5886UXX5	Right to Left	B360R/B361R		
		Tin-Pl	**5887**	5887UXX5				
	14-10	Brass	**5884**	5884UXX5				
		Tin-Pl	**5885**	5885UXX5				

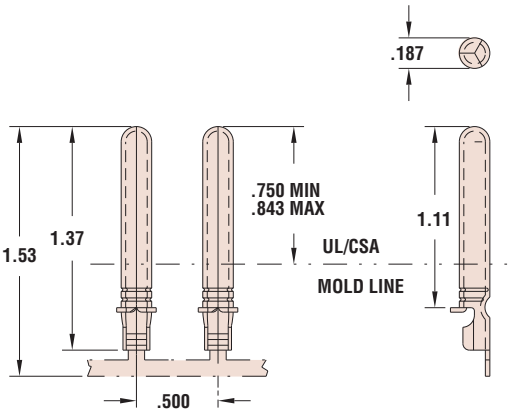
* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



188 Series



186 Series



186-L Series

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

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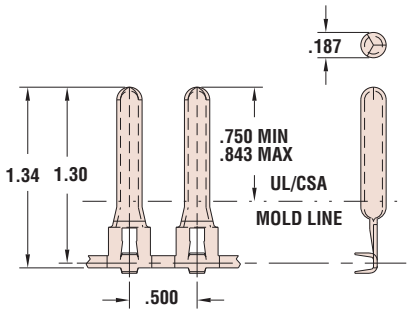
Heyco® .187″ Diameter Ground Pins – Male Right Angle

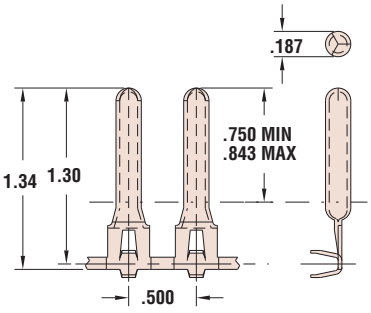
90° crimp section designed for Right Angle Plugs

See pages 8-29 thru 8-34 for Heyco Padded and Full Thickness Blades

PART DATA			PART NO.	APPLICATION TOOLING*				
Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
187 Series								
1.34	20-18	Brass Tin-Pl	**5913** **5915**	5913SXX5 5915SXX5	Rear Rear, L-R	-	0J48	0J49
	16-12	Brass Tin-Pl	**5900** **5901**	-	Rear	-	088A	097A
Solid U Shape								
.82	18-16	Brass	**8013**	-	Bulk			

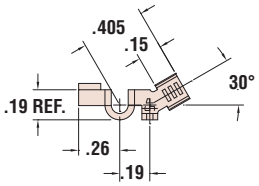


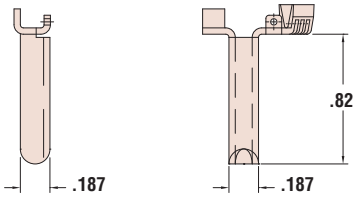
187 Series 20-18 AWG



187 Series 16-12 AWG

8013





Male Right Angle Pins - 187 Series

- Feature .187″ (4,7 mm) Pin diameter.
- Parts differentiate by **flag type crimp** size and thus accommodate AWG 20-18 conductors and AWG 16-12 conductors.
- DFARS Compliant

Male Right Angle Pin - Solid U Shape

- Feature .187″ (4,7 mm) Pin diameter.
- Shorter part, accommodates 18-16 AWG conductors.
- Available in bulk form only.
- DFARS Compliant

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

Quick Specs

HEYCO

Heyco® .187″ Diameter Ground Pins – Female

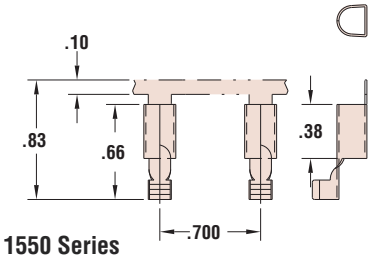
D-Shape Barrel designed for .187″ (4,7 mm) O.D. Mating Pin

Female Ground Pins

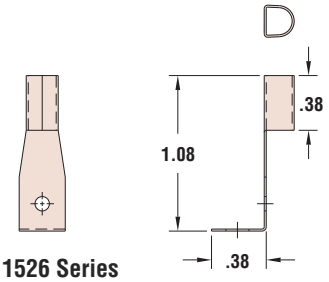
- **All Series**: D-Shaped Barrel for more secure connection with a .187″ (4,7 mm) mating Male Pin.
- **1550 Series** have an offset "high" crimp, providing an extremely short barrel and allowing for complete mating Male Pin pass through.
- **1500 and 1530 Series** crimps are standard or in line with the Pin section; they differentiate on crimp size only.
- **1526 Series** parts are terminal lug/ground connectors designed for circuit boards or "3 to 2" wire grounding adapters or converters. For use with **1186 and 1189 Series** Combination Terminals, pages 8-55 and 8-57.
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*				
Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
1550 Series								
.66	18-14	Brass	**7344**	7344UXX5	L to R	B592L/B593L	C484	C488
1500 Series								
1.13	18-16	Brass Tin-Pl	**7339** **7340**	7339UXX5 7340UXX5	Left to Right	B590L/B591L	C388	C391
		Brass	**7342**	7342UXX5	R to L	B590R/B591R		
1530 Series								
1.13	14-10	Brass Tin-Pl	**7341** **7346**	7341UXX5 7346UXX5	Left to Right	B590L/B591L	C388	C391
		Brass	**7343**	7343UXX5	R to L	B590R/B591R		
1526 Series								
1.08	-	Brass	**7347**	-	Bulk	-	-	-

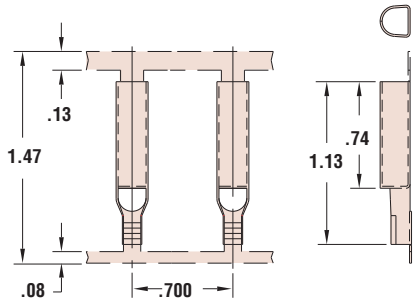
* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



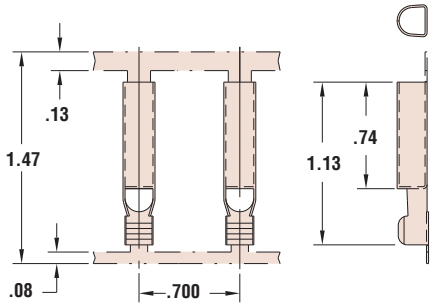
1550 Series



1526 Series



1500 Series



1530 Series

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

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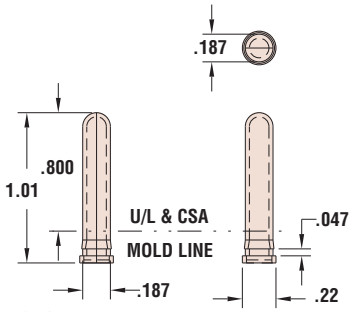
HEYCO

Heyco® Specialty Pins

PART DATA					PART NO.	APPLICATION TOOLING*				
Overall Length in.	Dia. in.	Type	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
PCB†										
1.01	.187	Snap-thru	-	Brass	**5940**	-	Bulk	-	-	-
1.23	.187	Solder	-	Brass	**5907**					
1.25	.125	90°	-	Tin-Pl	**8050**					
Electric Blanket										
1.59	.125	-	26-18	Brass	**7086**	7086UXX5	Left to Right	B310L/B311L	C436	C440
Medical Pins-Ribs										
1.23	.178	IDC - 3	28-24	Brass	**8034**	8034UXX5	Left to Right	B968L/B969L	C706	C705
1.19	.178	VE - 3	26-22	Brass	**8032**	8032UXX5	Left to Right	B900L/B901L	C143	C147
				Post-Ni	**8033**	8033UXX5				
			26-30	Post-Ni	**8035**	8035UXX5				
		AL - 3	26-22	Post-Ni	**8036**	8036UXX5				
		WB - 4	26-22	Brass	**8030**	8030UXX5				

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† For additional PCB Contacts, see page 8-38.

- **PCB** pins designed for use with circuit boards.
- **Medical Pins** feature insulation crimp and dimples on barrel for added strain relief and better contact.
- DFARS Compliant



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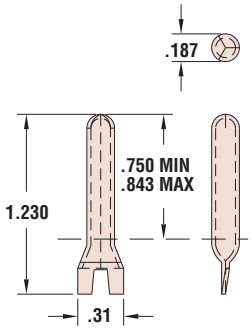

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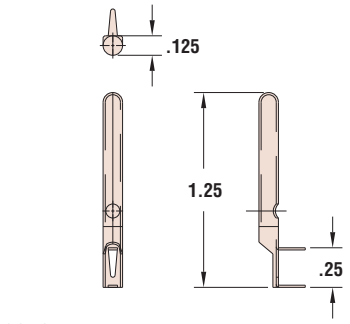

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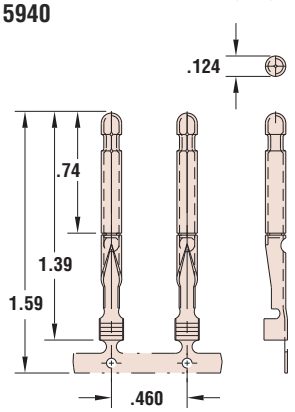
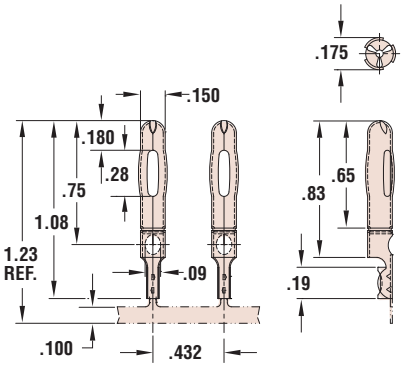
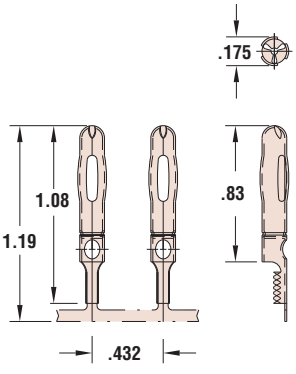


Electric Blanket



Medical Pin 8034



Medical Pins - Other

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

Quick Specs

HEYCO

Heyco® Heavy Duty Ground Pins - Male

For Heavy Duty Blades, see pages 8-27 & 8-28

Both Series:

- Suitable for use in straight and right angle plugs.
- On termination, the strip and crimping die bends Angled Shape parts to 90°.
- All 250 and 312 Series are compatible with Heyco Heavy Duty Blades.
- DFARS Compliant

250 Series:

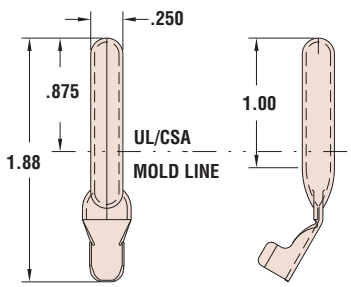
- a.k.a. "Travel Trailer" Grounding Pin.
- 30 Amp rating.
- Conductor crimp ears only.
- DFARS Compliant

312 Series:

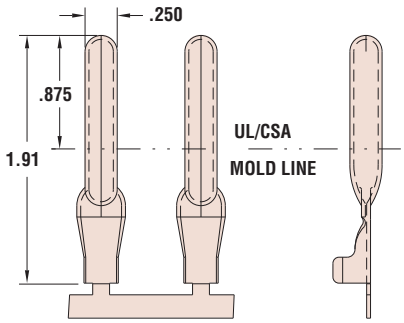
- Heavy Duty Grounding Pin.
- 30, 50 and 60 Amp rating.
- Conductor crimp ears only.
- DFARS Compliant

PART DATA				PART NO.	APPLICATION TOOLING*				
Overall Length in.	Shape	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
250 Series - .250˝ (6,4 mm) outside diameter									
1.88	Angled	14-10	Brass	**5930**	5930SXX5	Bulk	-	0B51	0B52
	Flat	14-10	Tin-Pl	**5931**	5931SXX5				
1.91	Flat	14-10	Brass	**5933**	5933UXX5	Left to Right	-	C901	0892
			Brass	**5932**	5932UXX5	Right to Left			
312 Series - .312˝ (7,9 mm) outside diameter									
2.48	Angled	10-6	Brass	**6249**	6249SXX5	Bulk	-	0B51	0B53
			Tin-Pl	**6250**	6250SXX5				
			Post-Ni	**6251**	6251SXX5				

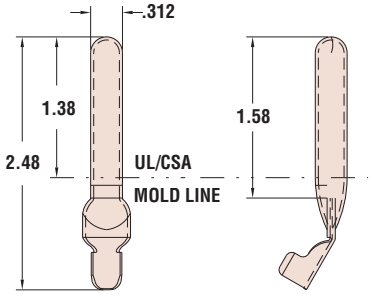
* Use the Heyco Universal Applicator Die (indicated by "S" or "U" n the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



250 Series Angled



250 Series Flat



312 Series

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

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HEYCO

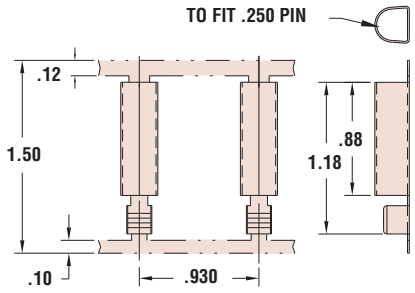
Heyco® Heavy Duty Ground Pins - Female

For Heavy Duty Blades, see pages 8-27 & 8-28

- Specify **D-shaped Barrel** parts for the most secure connection.
- DFARS Compliant

PART DATA				PART NO.	APPLICATION TOOLING*				
Overall Length in.	Shape	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
250 Series - designed to mate with .250″ (6,4 mm) outside diameter Heavy Duty Male Pins									
1.18	D	14-10	Brass	**8243**	8243UXX5	Left to Right	B966L/B967L	C388	C391
1.22	O	10-6	Tin-Pl	**8246**	8246UXX5	Left to Right	B974L/B975L		
1.72	O	10-6	Tin-Pl	**8245**	8245UXX5	Left to Right	B952L/B953L	C640	C647
	D	10-6	Brass	**8244**	8244UXX5				

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



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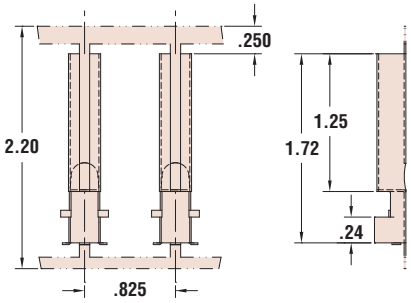

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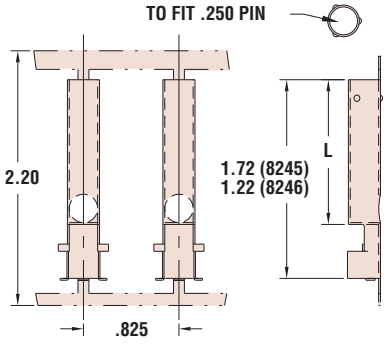

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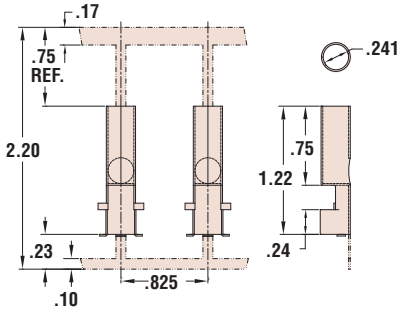


8246

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

Quick Specs

HEYCO

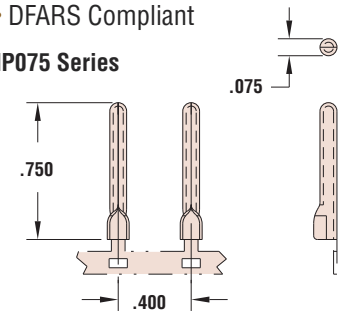
Now Available in Single Reel Order Quantities!

Heyco® Male Pins

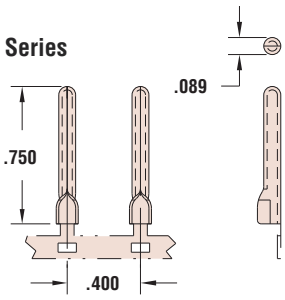
For mating Female Pin & Connectors, see pages 8-47 thru 8-49

- **Wide range of diameter and length** combinations for 20 to 10 AWG conductors.
- Folded Pin design saves material, **reduces cost**.
- Hole behind crimp provides added **strain relief**, or can be cut-off on Assembly Equipment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- DFARS Compliant

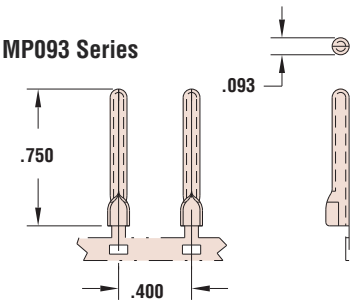
MP075 Series



MP089 Series



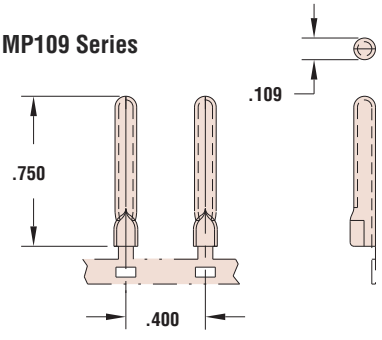
MP093 Series



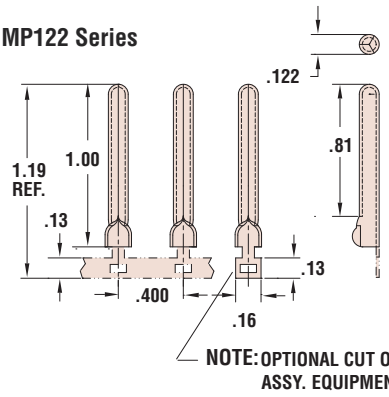
PART DATA				PART NO.	APPLICATION TOOLING*				
Dia. in.	Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
MP075 Series									
.075	1.00	20-18	Brass	**7010**	7010UXX5	Left to Right	B300L/B301L	C229	C231
MP089 Series									
.089	.75	20-18	Brass Tin-Pl	**7012** **7013**	7012UXX5 7013UXX5	Left to Right	B300L/B301L	C229	C231
			Post-Silver	**7011**	7011UXX5				
MP093 Series									
.093	.63	20-18	Brass Tin-Pl	**7002** **7003**	7002UXX5 7003UXX5	Left to Right	B300L/B301L	C229	C231
	.75	20-18	Brass Tin-Pl	**7000** **7001**	7000UXX5 7001UXX5				
	1.00	20-18	Tin-Pl	**7004**	7004UXX5				
	.75	16-14	Brass Tin-Pl	**7008** **7009**	7008UXX5 7009UXX5	Left to Right	B304L/B305L	C230	C232
MP109 Series									
.109	.63	20-18	Brass Tin-Pl	**7032** **7033**	7032UXX5 7033UXX5	Left to Right	B300L/B301L	C229	C231
	.75	20-18	Brass Tin-Pl	**7030** **7031**	7030UXX5 7031UXX5				
	1.00	20-18	Brass Tin-Pl	**7034** **7035**	7034UXX5 7035UXX5				
	.63	16-14	Brass Tin-Pl	**7049** **7050**	7049UXX5 7050UXX5	Left to Right	B304L/B305L	C230	C232
	.75	16-14	Brass Tin-Pl	**7047** **7048**	7047UXX5 7048UXX5				
MP122 Series									
.122	1.00	16-14	Tin-Pl	**7055**	7055UXX5	Left to Right	B304L/B305L	C230	C232

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

MP109 Series



MP122 Series



NOTE: OPTIONAL CUT OFF ON ASSY. EQUIPMENT

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

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HEYCO

Heyco® Male Pins

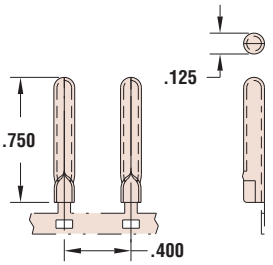
Now Available in Single Reel Order Quantities!

For mating Female Pin & Connectors, see pages 8-47 thru 8-49

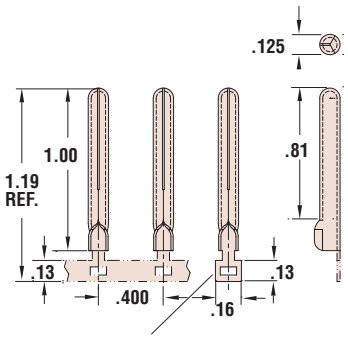
- DFARS Compliant

PART DATA				PART NO.	APPLICATION TOOLING*				
Dia. in.	Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
MP125 Series									
.125	.63	20-18	Brass	**7062**	7062UXX5	Left to Right	B300L/B301L	C229	C231
	.75	20-18	Brass Tin-Pl	**7060** **7061**	7060UXX5 7061UXX5				
	1.00	20-18	Brass Tin-Pl	**7064** **7065**	7064UXX5 7065UXX5				
	.75	16-14	Brass Tin-Pl	**7068** **7069**	7068UXX5 7069UXX5	Left to Right	B304L/B305L	C230	C232
	1.00	16-14	Tin-Pl	**7073**	7073UXX5				
			Tin-Pl	**7076†**	7076UXX5				
MP141 Series									
.141	1.03	18-16	Brass	**7171**	7171UXX5	Left to Right	B340L/B341L	C135	C138
MP156 Series									
.156	1.03	18-16	Brass Tin-Pl	**7181** **7183**	7181UXX5 7183UXX5	Left to Right	B340L/B341L	C135	C138
	1.31	18-16	Brass	**7180**	7180UXX5				
MP178 Series									
.178	1.39	18-14	Brass Tin-Pl	**7194** **7195**	7194UXX5 7195UXX5	Right to Left	B360R/B361R	C001	C009
		12-10	Brass Tin-Pl	**7192** **7193**	7192UXX5 7193UXX5				

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Split on seam: pin will flex closed when in contact for a stronger connection.

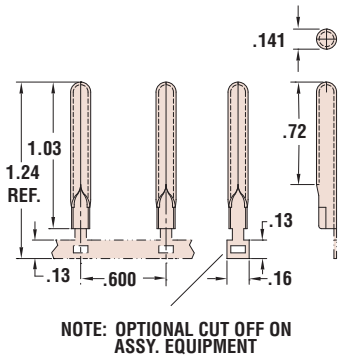


MP125 Series



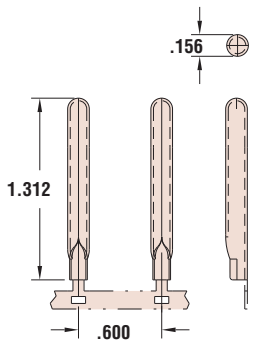
NOTE: OPTIONAL CUT OFF ON ASSY. EQUIPMENT

MP125 Series 7076

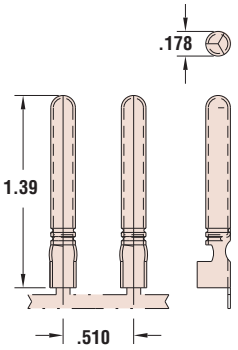


NOTE: OPTIONAL CUT OFF ON ASSY. EQUIPMENT

MP141 Series



MP156 Series



MP178 Series

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

Quick Specs

HEYCO

Now Available in Single Reel Order Quantities!

Heyco® Female Pin Connectors

Round Barrel

For mating Male Pins, see pages 8-45 & 8-46
For Female Ground Pins, see pages 8-41 & 8-44

TVR Series

- .56″ (14,2 mm) Overall Length.
- .31″ (7,9 mm) Round Barrel Length.
- Wide inside diameter range: from .077″ (2,0 mm) to .151″ (3,8 mm).
- 1/4″ (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- DFARS Compliant

SC Series

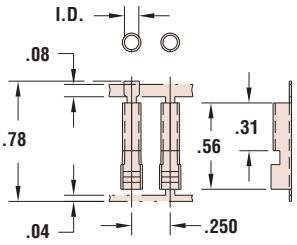
- .63″ (16,0 mm) Overall Length.
- .28″ (7,1 mm) Round Barrel Length.
- 1/4″ (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- SC Series not CSA certified
- DFARS Compliant

1200 Series

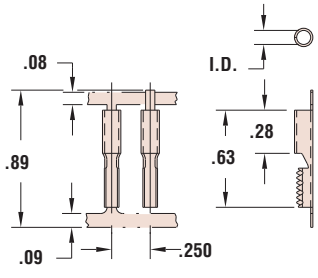
- .56″ (14,2 mm) Overall Length.
- D-Shape Barrel with "trap door".
- .109″ (2,8 mm) mating Pin diameter for all Part Nos. in Series 1200.
- Mold with D-Shape load pin.
- 1/4″ (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- 1200 Series not CSA certified.
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*				
Inside Dia. in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
TVR Series - .560″ Overall Length								
.077	14-18	Brass	**7333**†	7333UXX5	Left to Right	B502L/B503L	C180	C181
.089	14-18	Brass	**7319**	7319UXX5				
.091, .122	14-18	Brass Tin-Pl	**7301** **7298**†	7301UXX5 7298UXX5				
.091	14-18	Brass Tin-Pl	**7300** **7299**†	7300UXX5 7299UXX5				
.093	14-18	Brass	**7335**	7335UXX5				
.105	14-18	Brass Tin-Pl	**7304** **7311**†	7304UXX5 7311UXX5				
.107	14-18	Brass	**7305**†	7305UXX5				
.111	14-18	Brass	**7308**	7308UXX5				
.122	14-18	Brass	**7307**	7307UXX5				
.131	14-18	Brass	**7315**	7315UXX5				
.138	14-18	Brass	**7318**	7318UXX5				
.138, .091	14-18	Brass	**7302**	7302UXX5				
.151	14-18	Brass	**7303**	7303UXX5				
SC Series - .630″ Overall Length†								
.077	26-22	Tin-Pl	**7668**	7668UXX5	Left to Right	B530L/B531L	C449	C450
.091	26-22	Brass Tin-Pl Post-Ni	**7670** **7672** **7671**	7670UXX5 7672UXX5 7671UXX5				
1200 Series - .560″ Overall Length†								
.103	14-18	Brass	**7270**	7270UXX5	Left to Right	B502L/B503L	C180	C181
.105	14-18	Brass Tin-Pl	**7283** **7284**	7283UXX5 7284UXX5				
	14-12	Brass	**7267**	7267UXX5				
.111	14-18	Brass	**7291**	7291UXX5				

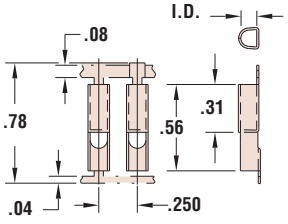
* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Not CSA certified.



TVR Series



SC Series



1200 Series

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping
Certifications	Certified by the Canadian Standards Association File 91824

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HEYCO

Heyco® Female Pin Connectors

Round Barrel with Insulation Crimp

For mating Male Pins, see pages 8-45 & 8-46
For Female Ground Pins, see pages 8-41 & 8-44

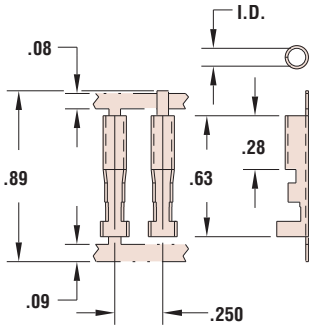
PART DATA			PART NO.	APPLICATION TOOLING*				
Inside Dia. in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
FE Series - .630″ Overall Length								
.060	20-18	Brass	**7382**	7382UXX5	Left to Right	B514L/B515L	C185	C189
		Tin-Pl	**7383**	7383UXX5				
		Post-Ni	**7385**	7385UXX5				
.062	20-18	Brass	**7370†**	7370UXX5				
		Brass	**7386†**	7386UXX5				
		Tin-Pl	**7389†**	7389UXX5				
.067	20-18	Brass	**7387**	7387UXX5				
.070	20-18	Tin-Pl	**7379**	7379UXX5				
.072	20-18	Tin-Pl	**7381**	7381UXX5				
.074	20-18	Brass	**7393**	7393UXX5				
.078	20-18	Brass	**7369**	7369UXX5				
.079	20-18	Tin-Pl	**7371†**	7371UXX5				
	20-18	Tin-Pl	**7372**	7372UXX5				
.082	20-18	Tin-Pl	**7378**	7378UXX5				
.088	20-18	Brass	**7400**	7400UXX5				
.091	20-18	Brass	**7395**	7395UXX5				
		Tin-Pl	**7380**	7380UXX5				
.093	20-18	Brass	**7384**	7384UXX5				
.097	20-18	Brass	**7376**	7376UXX5				
.105	20-18	Brass	**7405**	7405UXX5				

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Short Insulation.

FE Series

- .63″ (16,0 mm) Overall Length.
- .28″ (7,1 mm) Round Barrel Length.
- Round barrel with wide inside diameter range: from .060″ (1,5 mm) to 1.05″ (26,7 mm).
- 1/4″ (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- DFARS Compliant

Now Available in Single Reel Order Quantities!



FE Series

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

Quick Specs

HEYCO

Now Available in Single Reel Order Quantities!

Heyco® Specialty Female Connectors

For mating Male Pins, see pages 8-45 & 8-46
For Female Ground Pins, see pages 8-41 & 8-44

1330 Series

- **D-Shape Barrel** for better contact.
- .125″ (3,2 mm) mating Male Pin diameter for all Part Nos. in Series 1330
  - – Available in (3) different lengths: .33″ (8,4 mm), 45″ (11,4 mm) and .61″ (15,5 mm).
  - – Assembly dies available for crimping 1, 2 or 3 conductors simultaneously.
- 1/4″ (6,4 mm) spacing between connectors for quick, easy attachment.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind and reverse (right to left) wind.
- DFARS Compliant

JH & JHB Series

- .87″ (22,1 mm) Overall Length.
- .50″ (12,7 mm) **Round Barrel** Length.
- Conductor crimp ears only.
- Available only in continuous strip form, regular (left to right) wind.
- DFARS Compliant

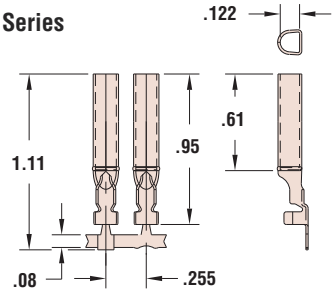
Heater Cord Connector

- 3 wiping legs assure excellent **electrical continuity**.
- Features flaps below crimp for added **strain relief** when placed in a housing.
- Mates with a .156″ (4,0 mm) diameter Male Pin.
- DFARS Compliant

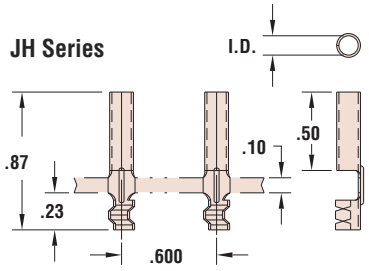
PART DATA					PART NO.	APPLICATION TOOLING*				
Inside Dia. in.	Barrel Length in.	Overall Length in.	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
1330 Series										
.122	.610	.950	24-18	Brass	**7357**	7357UXX5	Right to Left or	B580R/B581R B578R/B579R	C792 C737	C793 C738
					7359†	7359UXX5	Left to Right or	B582L/B583L B584L/B585L	C026 C030	C035 C037
					7358†	7358UXX5	Right to Left or	B582R/B583R B584R/B585R	C026 C030	C035 C037
	.330	.670	18-16	Brass	**7366**	7366UXX5	Left to Right or	B572L/B573L B574L/B575L	C020 C024	C034 C036
	.450	.800	18-16	Brass	**7364**	7364UXX5				
	.610	.950	18-16	Brass	**7360**	7360UXX5				
					7361	7361UXX5	Right to Left or	B572R/B573R B574R/B575R	C020 C024	C034 C036
JH Series - 3-Finger Crimp										
.105	.500	.870	18-16	Brass	**7535**	7535UXX5	Left to Right	B524L/B525L	C362	C367
.122	.500	.870	18-16	Brass	**7540**	7540UXX5				
.153	.500	.870	18-16	Brass	**7545**	7545UXX5				
JHB Series - Swedged Crimp										
.105	.500	.870	18-16	Brass	**7610**	7610UXX5	Left to Right	B526L/B527L	C580	C581
.122	.500	.870	18-16	Brass	**7615**	7615UXX5				
.153	.500	.870	18-16	Brass	**7620**	7620UXX5				
Heater Cord Connector										
.156	-	-	18-14	Brass	**7530**	7530UXX5	Left to Right	B970L/B971L	C701	C697

* Heyco high volume Application Tooling, designed for 3-5 ton presses - see page 8-59.
Heyco Mini Applicators, designed for 1.5-3 ton bench top presses, are available - see page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† With Insulation Crimp for strain relief and wire support for insertion into the housing.

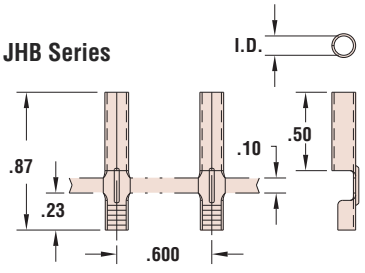
1330 Series



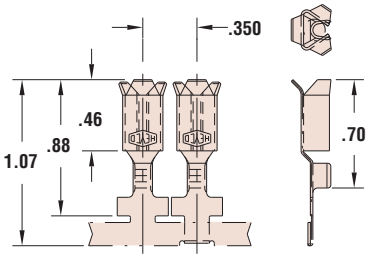
JH Series



JHB Series



Heater Cord Connector



Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

Quick Specs

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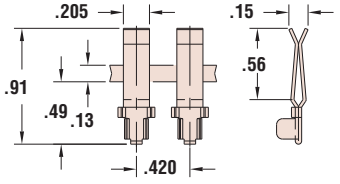
HEYCO

Heyco® Female Cord Connectors

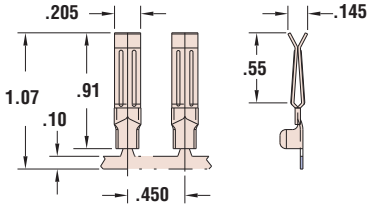
For mating Male Blades, see pages 8-27 thru 8-34
For Female Ground Pins, see pages 8-41 & 8-44.

PART DATA			PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
1152 Series								
Wiping Contact	18-12	Brass Tin-Pl	**7277** **7274**	7277UXX5 7274UXX5	Left to Right	B406L/B407L	C504	C510
1155 Series								
Wiping Contact	18-12	Brass Tin-Pl	**7279** **7273**	7279UXX5 7273UXX5	Left to Right	B410L/B411L	C283	C291
	22-16	Brass	**8048**	8048UXX5				
1155-90 Series†								
Wiping Contact 90°		Brass	**7261**	-	Bulk	-	-	-
ECN60 Series - Low Temperature								
Edge Connector	18-14	Brass Brass	**7231** **7230**	7231UXX5 7230UXX5	Left to Right Right to Left	B962L/B963L B962R/B963R	C686	C687
EC60 Series - Low Temperature								
Edge Connector	18-14 14-10	Brass Brass	**7225** **7227**	7225UXX5 7227UXX5	Left to Right Left to Right	B416L/B417L B950L/B951L	C293 C632	C302 C636
1120 Series								
Wiping Contact	14-12	Brass	**7241**	7241UXX5	Left to Right	B404L/B405L	C399	C401

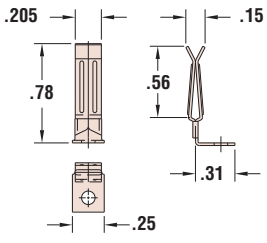
* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† For additional Heyco PCB Contacts, see page 8-38.



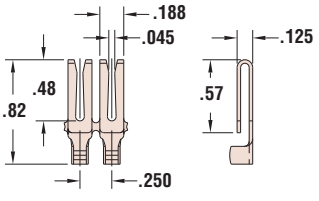
1152 Series



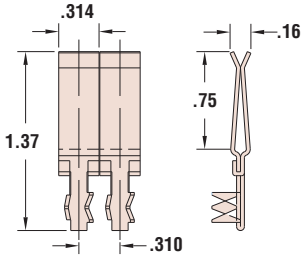
1155 Series



1155-90 Series



ECN60 & EC60 Series



1120 Series

1152 Series

EC Series

1120 Series

1152 & 1155 Series

- Wiping design for maximum contact between surfaces.
- Available in strip form only.
- 1152 made from .027˝ material; 1155 made from .020˝ material.
- Part No. **8048** features a dual crimp.
- DFARS Compliant

1155-90 Series

- Wiping design for maximum contact between surfaces.
- Designed for **Circuit Board** use.
- Available in bulk form only.
- For additional PCB Connectors see page 7-22.
- DFARS Compliant

ECN60 & EC60 Series

- .0275˝ (0,7 mm) thick material.
- Edge Connector design.
- Meet UL and CSA **low temperature** insertion requirements.
- Available in strip form only.
- DFARS Compliant

1120 Series

- This is a heavy duty Female Wiping Contact Blade, see page 8-27.
- DFARS Compliant

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping

Quick Specs

HEYCO

Heyco® Male Pins Mating Chart - Pages 8-45 and 8-46

MALE PART DATA			PART NOS.		
Dia. in.	AWG Range	Material	Male	Mating Female	Mating Female Series
MP075 Series					
.075	20-18	Brass	7010	7381	FE
MP089 Series					
.089	20-18	Brass	7012	-	-
		Tin-Pl	7013		
		Post-Silver	7011		
MP093 Series					
.093	20-18	Brass	7002	7395	FE
		Tin-Pl	7003	7380	
	20-18	Brass	7000	7395	
		Tin-Pl	7001	7380	
	20-18	Tin-Pl	7004	7380	
	16-14	Brass	7008	7300	TVR
		Tin-Pl	7009	7299	
MP109 Series					
.109	20-18	Brass	7032	7305	TVR
		Tin-Pl	7033	-	-
	20-18	Brass	7030	7405	FE
		Tin-Pl	7031	-	-
	20-18	Brass	7034	7405	FE
		Tin-Pl	7035	-	-
	16-14	Brass	7049	7283	1200
		Tin-Pl	7050	7284	
	16-14	Brass	7047	7283	
		Tin-Pl	7048	7284	

Consult Heyco for parts lacking mates.

MALE PART DATA			PART NOS.		
Dia. in.	AWG Range	Material	Male	Mating Female	Mating Female Series
MP122 Series					
.122	16-14	Tin-Pl	7055	-	-
MP125 Series					
.125	20-18	Brass	7062	7357, 7358 or 7359*	1330
	20-18	Brass	7060		
		Tin-Pl	7061		
	20-18	Brass	7064		
		Tin-Pl	7065		
	16-14	Brass	7068	7360, 7361, 7364 or 7366*	1330
		Tin-Pl	7069		
	16-14	Tin-Pl	7073		
		Tin-Pl	7076		
MP141 Series					
.141	18-16	Brass	7171	-	-
MP156 Series					
.156	18-16	Brass	7181	7620	JHB
		Tin-Pl	7183	-	-
	18-16	Brass	7180	7620	JHB
MP178 Series					
.178	18-14	Brass	7194	-	-
		Tin-Pl	7195	-	-
	12-10	Brass	7192	-	-
		Tin-Pl	7193	-	-

*These are Brass **1330 Series Specialty Females**, differing in feed direction and insulation crimp.

Please consult Heyco for parts lacking mates.

Heyco® Specialty Pins Mating Chart

Page 8-42

- DFARS Compliant

MALE PART DATA			PART NO.	
Dia. in.	AWG Range	Material	Male	Mating Female Series
PCB				
.187	-	Brass	5940	1500,1526, 1530 and 1550 Series
.187	-	Brass	5907	
.125	-	Tin-Pl	8050	1330 Series
Electric Blanket				
.125	26-18	Brass	7086	1330 Series

Medical Pins - Consult Heyco for .178˝ Diameter Mates

Quick Specs

Materials	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification) Tin-Pl = Brass, Tin plated before or after stamping Post-Ni = Brass, Nickel plated after stamping

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HEYCO

Heyco® Multi-Connectors for Extension Cords

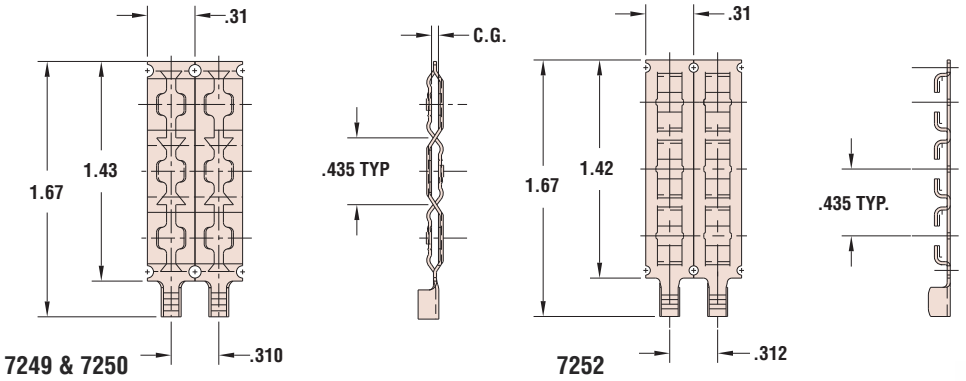
For mating Male Blades, see pages 8-29 thru 8-34.
For Male Ground Pins, see pages 8-39 & 8-40.

- DFARS Compliant

Cube Tap Female

PART DATA				PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Contact Gap in.	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
POL	18-14	.045	Brass	**7249**	7249UXX5	Left to Right	B718L/B719L	C091	C097
		.055	Brass	**7250**	7250UXX5				
		.050	Brass	**7252**	7252UXX5				

* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.

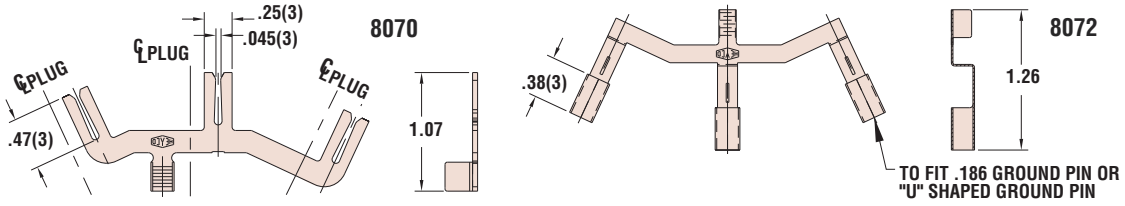


- DFARS Compliant

Web-Foot Female

PART DATA				PART NO.	APPLICATION TOOLING*			
Type	AWG Range	Contact Gap in.	Material		Die**	Feeds	Crimp Punch	Anvil
Blade	16-12	n/a	Brass	**8070**	8070SXX5	Bulk	0W52	0W53
Ground	16-12	n/a	Brass	**8072**	8072SXX5	Bulk	0V60	0V61

* Use the Heyco Standard Applicator Die (indicated by "S" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

Quick Specs

HEYCO

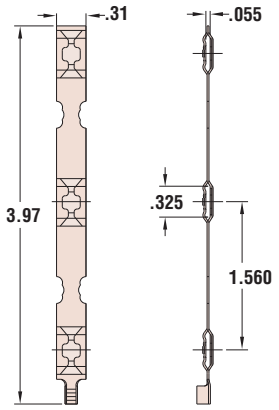
Heyco® Multi-Connectors for Power Blocks

In-Line Power Block Females

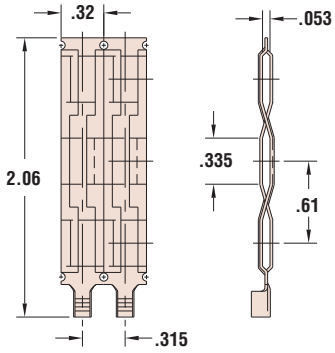
- DFARS Compliant

PART DATA			PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Female Blade .045˝ Female Blade .055˝ Female Ground	18-14 18-14 18-14	Brass Brass Brass	**8079** **8080** **8081**	-	Bulk	-	-	-
(Short) Female Blade	18-14	Brass	**8084**	8084UXX5	Left to Right	B978L/B979L	C918, C919 & C920	C912
(Short) Female Ground	18-14	Brass	**8085**	8085UXX5	Left to Right	B980L/B981L	C926, C927 & C928	C923

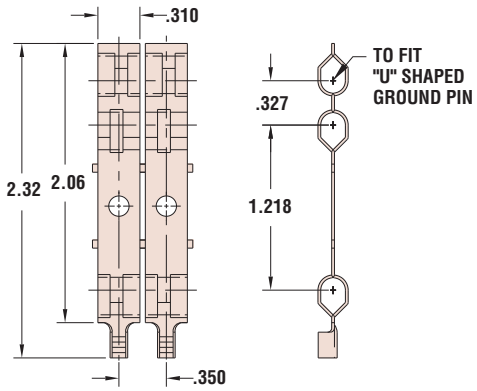
* Use the Heyco Universal Applicator Die (indicated by "U" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.



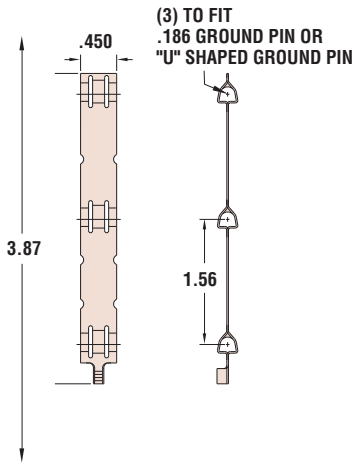
8080



8084



8085



8081

Quick Specs

Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

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Heyco® Multi-Connectors for Power Blocks

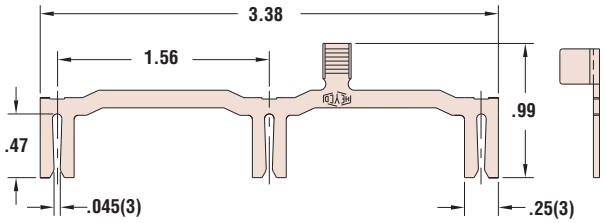
For mating Male Blades, see pages 8-29 thru 8-34.
For Ground Pins, see pages 8-39 & 8-40.

- DFARS Compliant

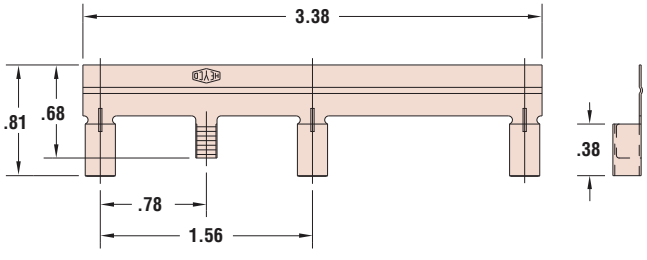
In-Line Power Block Females

PART DATA			PART NO.	APPLICATION TOOLING*				
Type	AWG Range	Material		Die**	Feeds	Tool Packs	Crimp Punch	Anvil
Female Blade	16-12	Brass	**8086**	-	Bulk	-	0W52	0W53
Female Ground	16-12	Brass Brass	**8088**† **8089**	- 8089SXX5	Bulk	-	0V60	0V61

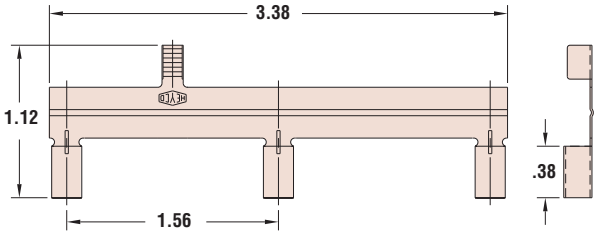
* Use the Heyco Universal Applicator Die (indicated by "S" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Consult Heyco for Part No. 8088 drawing; crimp location is different from 8089 (pictured).



8086



8088



8089

Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)

Quick Specs

HEYCO

Heyco® Male/Female Combination Terminals - 27 Gauge

Full Thickness Combination Blades - .058˝ Mold Line Thickness

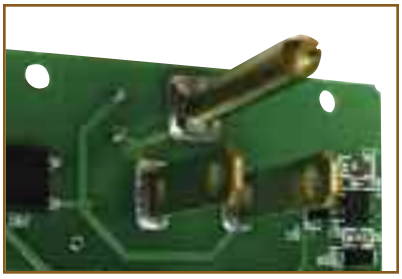
For Heyco's complete line of Full Thickness Blades, see pages 8-31 thru 8-34.

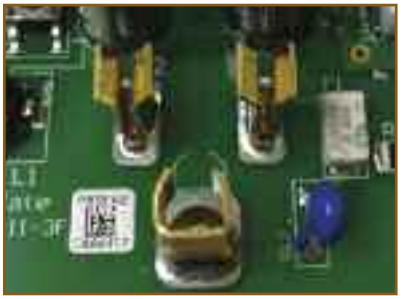
1186 Series

- Typical use is 3 to 2 wire grounding adapters and piggy-back current taps.
- Narrow at female end to allow for use of stronger mold loading pins.
- Female end is a wiping contact.
- 1.59˝ (40,4 mm) overall length.
- Available in bulk only.
- For less costly Padded version see **1189 Series** on page 8-57.
- DFARS Compliant

1186-C Series

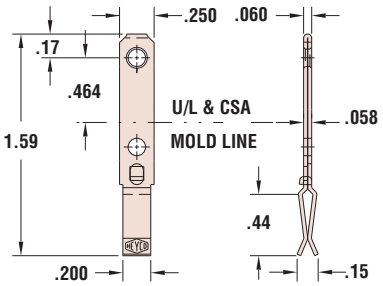
- Same as 1186 Series except conductor has crimpng ears.
- Features a **notched blade** for high temperature pull-out requirements.
- Available in both bulk and strip form.
- For **lower cost** Padded version see page 8-57.
- DFARS Compliant



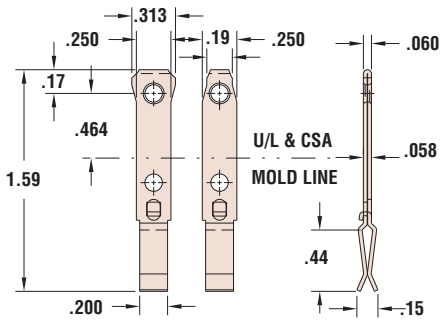


PART DATA				PART NO.		APPLICATION TOOLING*			
Overall Length in.	Type	Width in.	Material	Non-polarized	Polarized	Die**	Feeds	Crimp Punch	Anvil
1186 Series - Flat Blades									
1.59	Blade	.250	Brass	**6305**	-	-	Bulk	-	-
	Blade	.313	Brass	-	**6313**†				
	Neutral	.250	Brass	-	**6314**†				
1186-C Series - Flat Blades with Crimp									
1.59	Blade	.250	Brass	**6304**	-	-	Bulk	-	-
				6306	-	6306SXX5	Left to Right	019C	021C
	Blade	.313	Brass	-	**6310**††	6310SXX5			
	Neutral	.250	Brass						

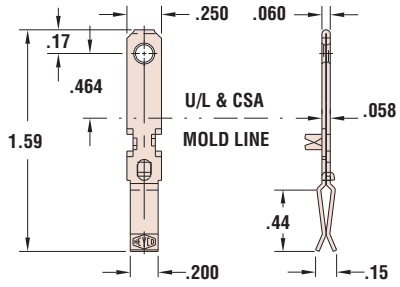
* Use the Heyco Standard Applicator Die (indicated by "S" in the Die Part No.), page 8-59.
** "XX" represents Wire Gauge. Please specify Wire Gauge when ordering.
† Parts are not UL Recognized and **must be purchased together in equal quantities**.
†† Polorized pair in strip form, not UL Recognized.



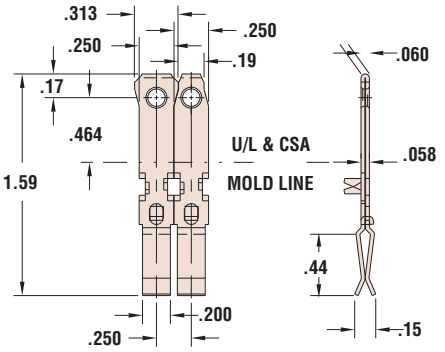
6305



6313 & 6314 (must be purchased together)



6304 (bulk) & 6306 (strip)



6310

Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)
Certifications	Recognized Component under UL File E164169

Quick Specs

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HEYCO

Heyco® Male/Female Combination Terminals - 27 Gauge

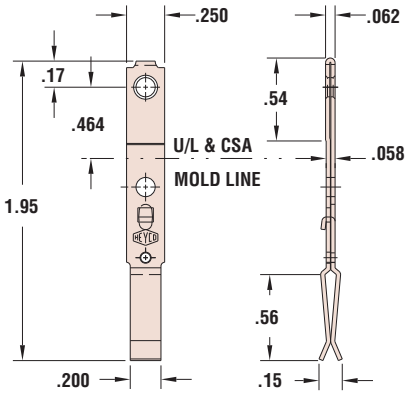
Full Thickness Combination Blades - .058˝ Mold Line Thickness

For Heyco's complete line of Full Thickness Blades, see pages 8-31 thru 8-34.

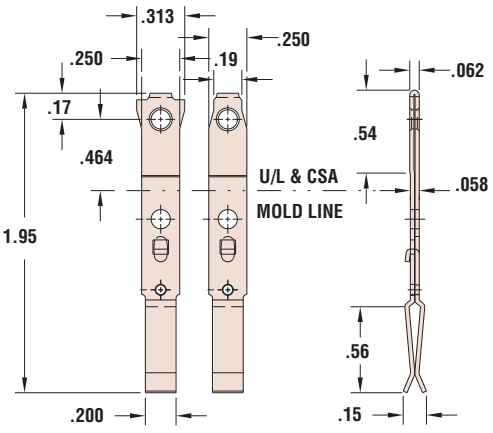
PART DATA				PART NO.		
Overall Length in.	Type	Width in.	Material	Non-polarized	Polarized	Feeds
1191 Series - 7-Shape						
1.95	Blade	.250	Brass	**6363**	-	Bulk
	Blade	.313	Brass	-	**6364†**	
	Neutral	.250	Brass	-	**6365†**	

† Parts must be purchased together in equal quantities.

- **Double spring form construction**.
- Long length suitable for use in serial plugs.
- Female end is a wiping contact.
- 1.95˝ (49,5 mm) overall length.
- 7-Shape Blades feature a retention ledge to maintain position during overmolding (mold stop).
- Available in bulk only.
- DFARS Compliant



6363



6364 & 6365 (must be purchased together)

Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)
Certifications	Recognized Component under UL File E164169

Quick Specs

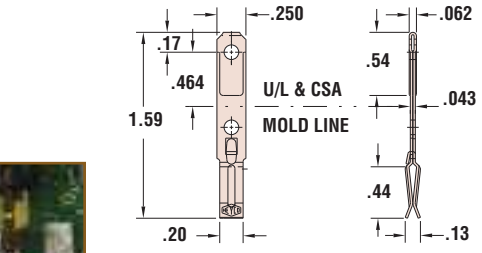
Heyco® Male/Female Combination Terminals - 20 Gauge

Padded Combination Blades - .043˝ Mold Line Thickness

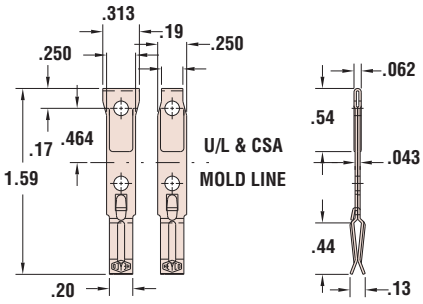
For Heyco's complete line of Padded Blades, see pages 8-29 & 8-30.

- Interchangeable with **1186 Series**, page 8-53.
- Higher temper, thinner material for lower cost, yet these Padded Blades are **functionally equivalent** to their Full thickness counterparts.
- Female end is a wiping contact.
- 1.59˝ (40,4 mm) overall length.
- Available in bulk only.
- DFARS Compliant

PART DATA				PART NO.		
Overall Length in.	Type	Width in.	Material	Non-polarized	Polarized	Feeds
1189 Series						
1.59	Blade	.250	Brass	**6320**	-	Bulk
	Blade	.313	Brass	-	**6321**	
	Neutral	.250	Brass	-	**6322**	



1189 Series Non-Polarized



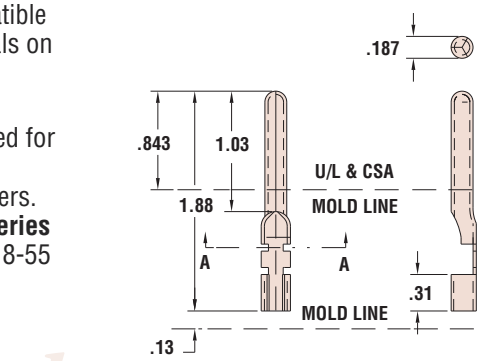
1189 Series Polarized

Heyco® Combination Ground Pins

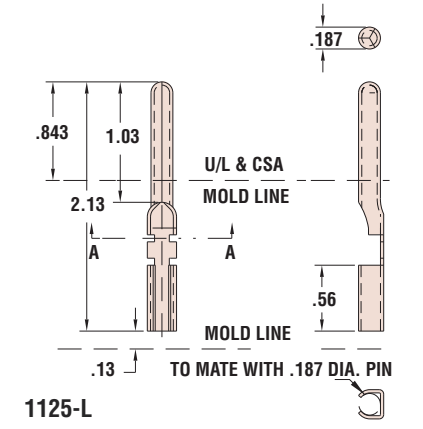
For Heyco's complete line of Ground Pins, see pages 8-39 thru 8-44.

- For grounding type adapters, series plugs and piggy-back current taps.
- **1125 Series** parts are grounding pin/ground connectors, compatible with ALL Combination Terminals on pages 8-55 thru 8-57.
- **1526 Series** parts are terminal lug/ground connectors designed for circuit boards or "3 to 2" wire grounding adapters or converters. For use with **1186 and 1189 Series** Combination Terminals, pages 8-55 and above.
- DFARS Compliant

	PART DATA				PART NO.	
	Overall Length in.	Type	Mate Dia. in.	Material		Feeds
	1125 Series - Round Barrel					
	1.88	Ground Pin	.187	Brass	**7245**	Bulk
					7246	Right to Left
	2.13	Long Ground Pin	.187	Brass	**7247**	Bulk
	1526 Series - D-Shape Barrel					
NEW!	1.08	D-Shape	.187	Brass	**7347**	Bulk



1125 Series



1125-L

Material	Alloy 260 Brass (70% Cu, 30% Zn. Higher Cu content resists dezincification)
Certifications	Recognized Component under UL File E164169

Quick Specs

Applicator Ordering Guidelines and Press Specifications...

To order a Heyco® Applicator:

Please provide your customer service representative with the following:

1. Correct Heyco part number
2. American Wire Gauge (AWG) you will be using with the Heyco part number (AWG replaces the "XX" that appears under the Die column in the tabular charts).
3. Shut height of your press
4. Sample of the wire you are using

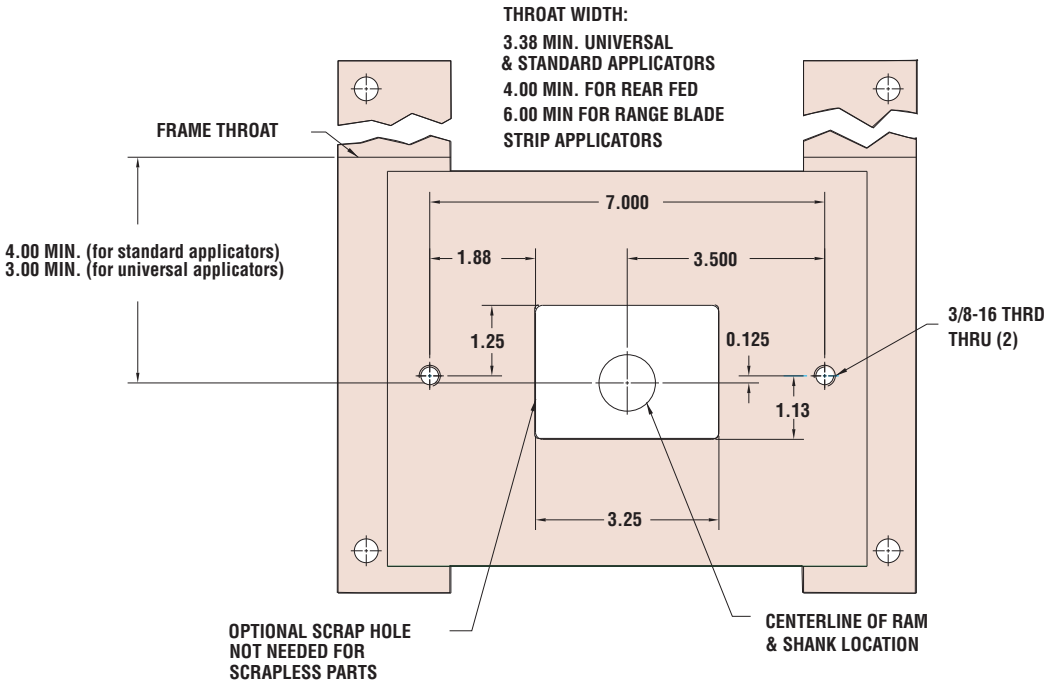
Press Specifications:

For Universal and Standard Applicators:

1. 3.0 to 5.0 tons depending on terminal
2. Universal: 1.00-1.50˝ (25,4 – 38,1 mm) stroke 4.00-5.00˝ (101,6 – 127,0 mm) shut height
3. Standard: 1.50˝ (38,1 mm) stroke 5.00˝ (127,0 mm) shut height
4. Diameter of mounting hole for shank 1.00˝ (25,4 mm)

For Heyco® Mini Applicators:

1. 1.5 to 3.0 tons depending on terminal
2. 1.575˝ to 1.181˝ (30 – 40 mm) stroke
3. 5.346˝ (135,8 mm) shut height
4. Mounting mini die T style coupling



Heyco® Application Equipment

Universal Assembly Die–Applicator Die

Modular design allows the application of a wide variety of terminals in one die set.
The top and bottom "tool packs" are replaced to apply different types of terminals.
Adjustable feed: left-to-right or right-to-left.
Adjustable stroke: fits most standard 3 and 5 ton presses. Easy crimp height adjustments. New feed and drag design make for simple consistent feed adjustments.

Standard Applicator Die

Required for some Heyco® terminals. Fits in standard bench presses with 5″ shut height and 1-1/2″ stroke. Left-to-right and right-to-left or rear feed.

Heyco Mini Applicators

Quick change Mini-Applicators compatible with industry standard 1.5 - 3 ton presses available. Consult Heyco with your specific application needs.

For use with the following Heyco parts.

DESCRIPTION	PAGE NO.	PART NO.
Heyco Ring and Spade Terminals	8-15, 8-16	All
Heyco Quick Connect Terminals	8-13, 8-14 8-8 8-9	All **4750, 4751** **4838, 4834, 4835**
Heyco Padded Male Blades	8-29	All
Heyco Full Thickness Male Blades	8-31 8-33	All None
Heyco .187″ Diameter Ground Pins - Male & Female	8-39, 8-41	All
Heyco Specialty Pins	8-42	All
Heyco Male Pins	8-45, 8-46	All
Heyco Female Pin Connectors - Round Barrel	8-47	All
Heyco Female Pin Connectors - Round Barrel with Insulation Crimp	8-48	All
Heyco Specialty Female Connectors	8-49	All

For Ordering Instructions and Press Specifications, see page 8-58

Heyco® Application Equipment

Semi-Automatic Application Systems for Heyco Female and Male "Bridges" only, pages 8-22 thru 8-24

This equipment provides accurate, easy termination of all three contacts at once for Heyco's **Male and Female Preassembled Cordset Components**. Parts are bowl or gravity fed into the application die eliminating the need for operator placement. The unique funnel design provides precise placement of the wire in the contacts crimps. A Stripping unit can be added to prepare the wire prior to termination.

Wire Stripper

Heyco now offers a Wire Stripping Unit for use with our Semi-Automatic Application Systems. This unit will cut and strip to length the inner jacket of your wire. It also preforms the wire for faster insertion when using our Semi-Automatic Application Systems.

Order the Z464 Wire Stripper Assembly Base with the appropriate wire gauge tooling shown:

- Z462 Wire Stripper (18 Ga.)
- Z498 Wire Stripper (16 Ga.)
- Z499 Wire Stripper (14 Ga.)
- Z590 Wire Stripper (12 Ga.)
- Z591 Wire Stripper (10 Ga.)

The wire gauge tooling is interchangeable if various wire gauges are required.

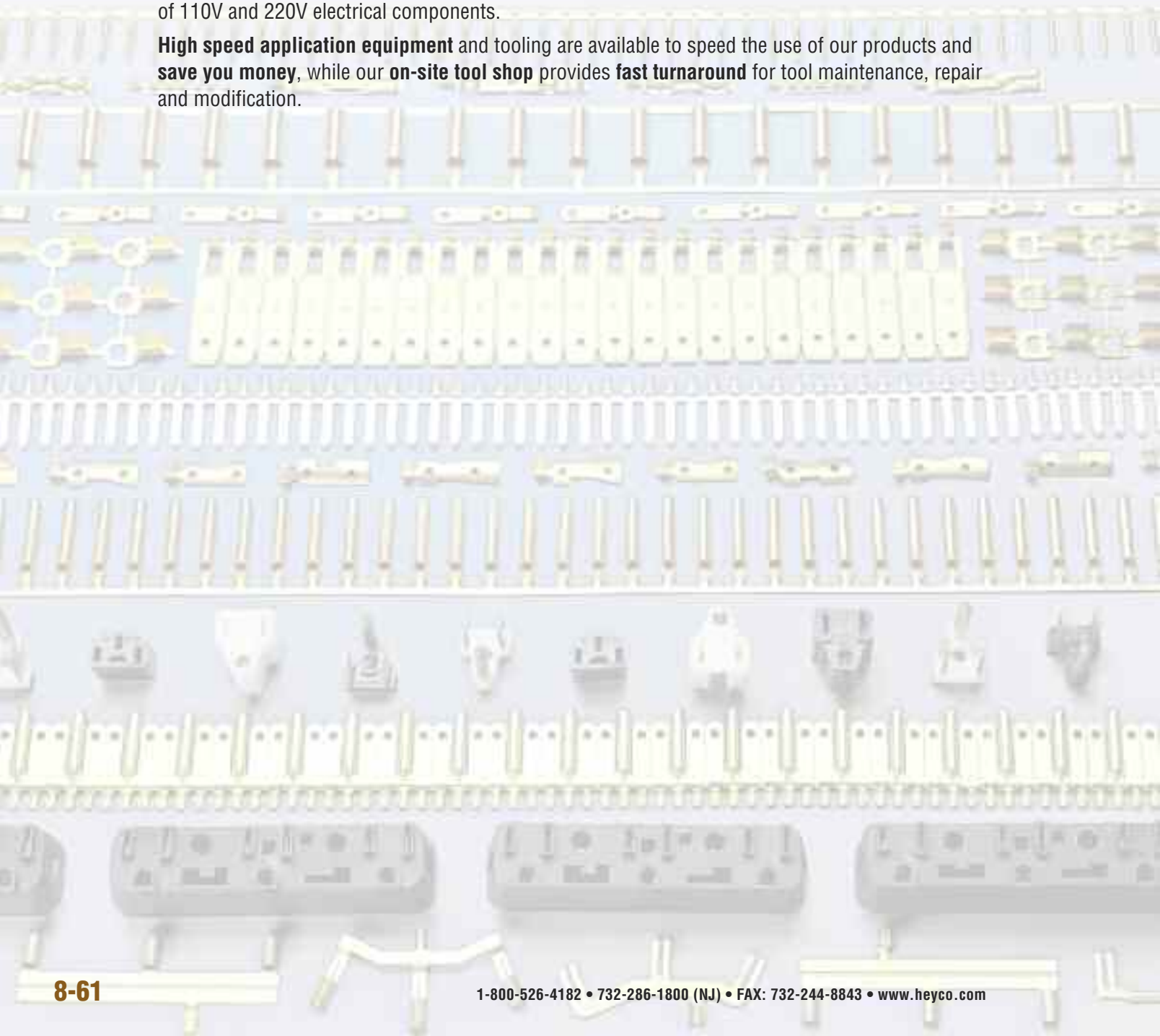
Visit heyco.com for video on training and usage

HEYCO

Stay Connected with Heyco® for All of Your Stamping Needs

Heyco's modern and efficient high-speed Stamping Room has presses from 22 to 60 tons for **high speed production of blades, pins, terminals, female contacts, and other power components**. These presses, along with our auxiliary equipment and highly trained technicians, can accommodate a large variety of custom stampings in ferrous and nonferrous materials in addition to our core lines of 110V and 220V electrical components.

High speed application equipment and tooling are available to speed the use of our products and **save you money**, while our **on-site tool shop** provides **fast turnaround** for tool maintenance, repair and modification.



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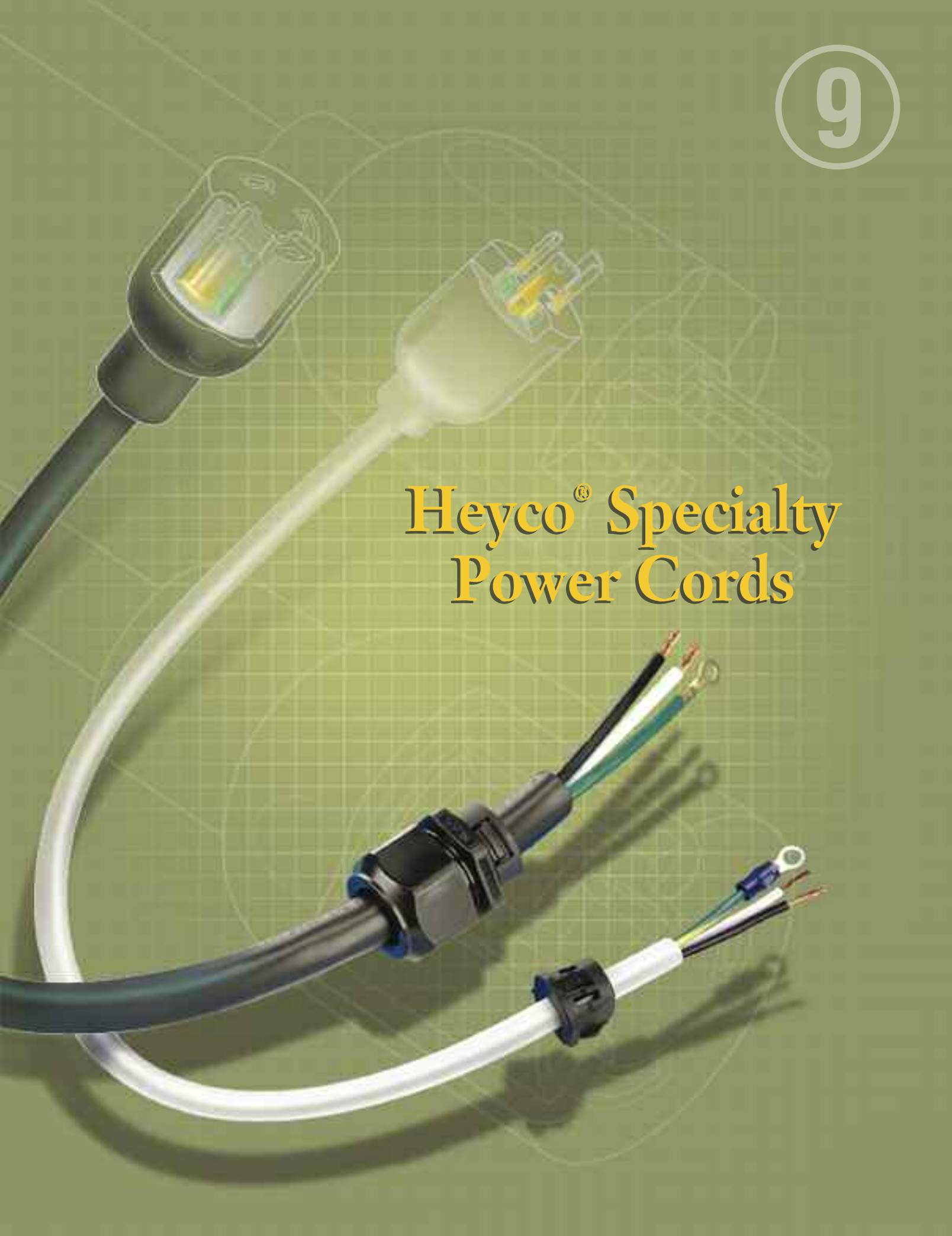
9

Heyco® Specialty Power Cords



HEYCO

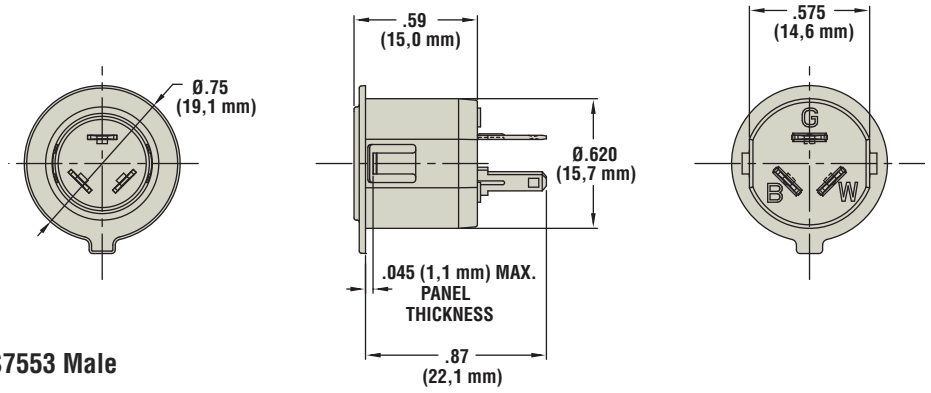
Heyco® Modular Connector System - Male & Female Connectors

Recognized for Use in the U.S. under File E231361

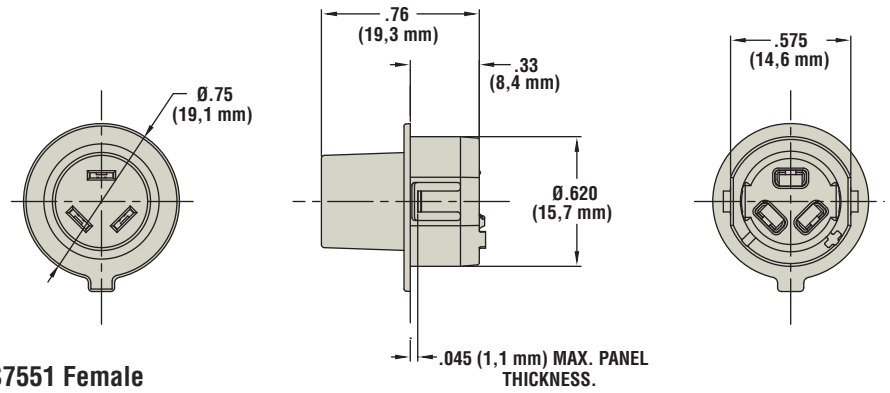
- **Small (5/8" Diameter) connectors** for plugging lighting fixtures together.
- Patented, keyed three conductor male and female connectors.
- Snap-in construction for insertion into DD holes without rotation.
- 1/16" spacing between fixtures when plugged together.
- End-to-end connection as in coves or under cabinets.
- Interconnects help keep down high labor installation costs when more than one fixture is involved.
- DFARS Compliant

DESCRIPTION	WIRE				PART NO.	PANEL DIMENSIONS						CONNECTOR TERMINATION (inside application)
						A Mounting Hole Dia.		B To Prevent Rotation		Max. Panel Thickness		
Volts-Amps	Type	Gauge AWG-Cond	Color	Length L* in.		in.	mm.	in.	mm.	in.	mm.	
Modular Cordset Component - Male Connector												
120V-7A	SPT-2	18-3	White	12	**S7553**	.625	15,9	.580	14,7	.045	1,1	.110 x .020 Quick Connect
Modular Cordset Component - Female Connector												
120V-7A	SPT-2	18-3	White	12	**S7551**	.625	15,9	.580	14,7	.045	1,1	.110 x .020 Quick Connect

* Consult Heyco for any required length not shown.



S7553 Male



S7551 Female

Quick Specs

Materials	Nylon 6/6 and Alloy 260 Brass
Certifications	Recognized Component under UL File E231361
Flammability Rating	94V-2

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HEYCO

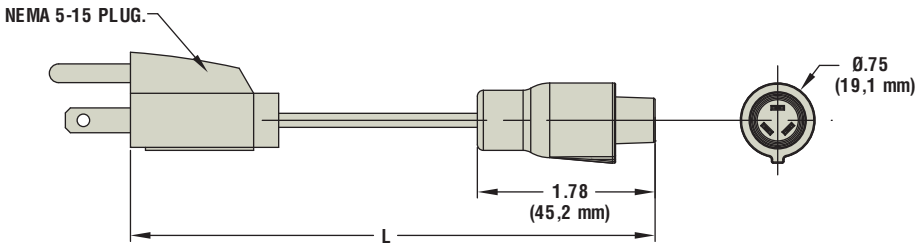
Heyco® Modular Connector System - Power Cords and Jumpers

Ⓤ Listed for Use in the U.S. under File E217650

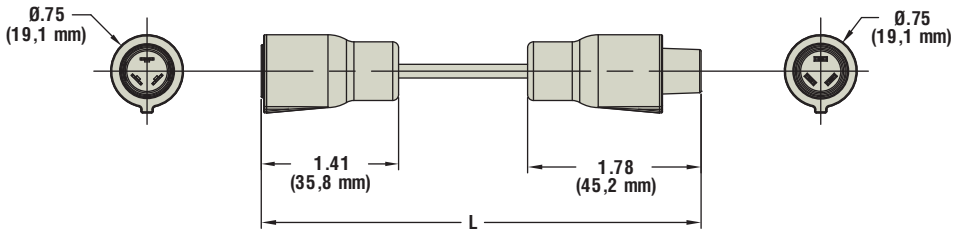
DESCRIPTION	WIRE				PART NO.
Volts-Amps	Type	Gauge AWG-Cond	Color	Length L * in.	
NEMA 5-15P Detachable Power Cord for Special Modular Applications - 120 Volts, 7 Amps with Special Connector					
120V-7A	SPT-2	18-3	White	72.0 108.0	**S7501-72** **S7501-108**
Detachable Jumper Cords for Special Modular Applications					
120V-7A	SPT-2	18-3	White	6.0 12.0 24.0 30.0 36.0 48.0 72.0	**S7506-06** **S7506-12** **S7506-24** **S7506-30** **S7506-36** **S7506-48** **S7506-72**

* Consult Heyco for any required length not shown.

- **End-to-end connection as in coves or under cabinets.**
- End-to-side connection to make 90 degree turns.
- Available with daisy chaining capabilities with 18/3, SPT-2 Wire. Consult Heyco for additional lengths not shown.
- Available with plug-in power cord capabilities with 18/3, SPT-2 power cord.
- Interconnects help keep down high labor installation costs when more than one fixture is involved.
- DFARS Compliant



S7501-72 Power Cord



S7506 Jumper

Materials		PVC and Alloy 260 Brass
Certifications	Ⓤ	Listed under Underwriters' Laboratories File E217650
Flammability Rating		94HB

Quick Specs

HEYCO

Heyco® Custom Turn-2-Lock (T2L) Cord and Plug Sets

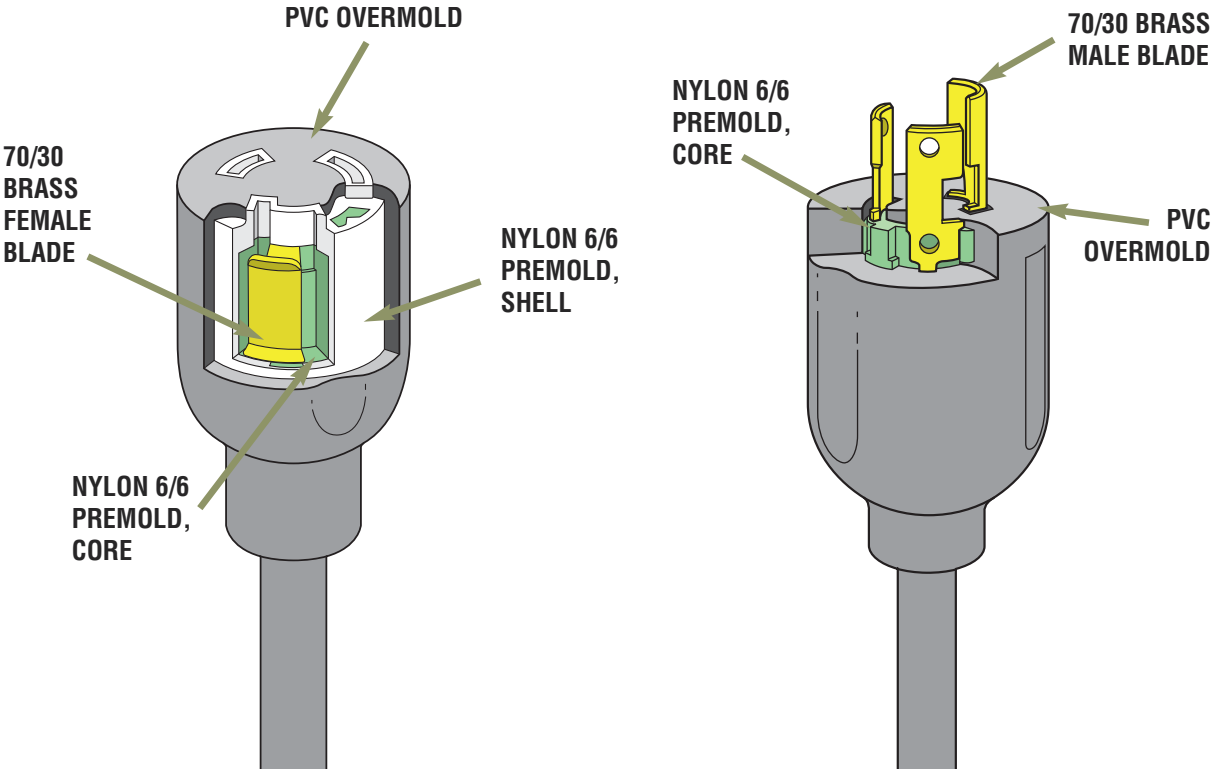
Male and Female Configurations

New Heyco® Custom Turn-2-Lock Cord and Plug Sets are specifically designed for use in highbay and lowbay lighting, display cases, commercial cooking, laundry, construction, and other specialty equipment where the possibility of the male and female ends of the plug becoming easily disconnected is not an option.

- We offer 12˝ to 15+ feet Turn-2-Lock Whips in both Male and Female NEMA configurations.
- Popular 125, 250, 277, 347, and 480 Volt; with 15, 20, and 30 Amp NEMA configurations available.
- Standard colors are Black and White. Consult Heyco for custom colors.
- And please consult Heyco for special Lengths, applied Terminations and Strain Reliefs, and **other Custom configurations not shown**. Turn-2-Lock can be supplied with a Strain Relief, Metallic or Non-Metallic Cordgrip, and/or a Ring or other Terminal(s) already attached, to save time and reduce cost in your assembly process.
- For ease of assembly into the panel, we can assemble a Snap-In Self-Locking Strain Relief or Snap-In Cordgrip Strain Relief to your Cordset.
- For additional UL approved wire types such as SJTOW, SJTOOW, STW, and STOOW, consult Heyco.

At Heyco we use only

Alloy 260 (70/30 Brass-higher Cu content resists dezincification)



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Custom Female T2L Configurations

c UL us Recognized for Use in the U.S. and Canada Under File E217650

Part No.	Description	Color	Wire Gauge AWG/Cond	Wire Type	Overall Length A in.	ROJ B in.	Strip Length C in.	Ring Terminal Part No.	Strain Relief Part No.	Strain Relief D in.
L5-15R, 12 Gauge										
S7610AI	FT2L 125V-15A	Black	12-3	SJTW	24	2.5	1/2	8145	-	-
S7610	FT2L 125V-15A	Black	12-3	SJTW	36	2.5	1/2	8145	-	-
S7611	FT2L 125V-15A	White	12-3	SJTW	36	2.5	1/2	8145	-	-
S7612	FT2L 125V-15A	Black	12-3	STOW	36	2.5	1/2	8145	-	-
S7610QQ	FT2L 125V-15A	Black	12-3	SJTW	48	5	1/2	8145	-	-
S7612AQ	FT2L 125V-15A	Black	12-3	STOW	54	15	1/2	8145	-	-
S7610NN	FT2L 125V-15A	Black	12-3	SJTW	60	2.5	1/2	8145	-	-
S7612NN	FT2L 125V-15A	Black	12-3	STOW	60	2.5	1/2	8145	-	-
S7612WW	FT2L 125V-15A	Black	12-3	STOW	66	6	1/2	8145	-	-
S7610AH	FT2L 125V-15A	Black	12-3	SJTW	72	2.5	1/2	8145	-	-
S7612BR	FT2L 125V-15A	Black	12-3	STOW	72	2.5	5/8	-	-	-
S7612SS	FT2L 125V-15A	Black	12-3	STOW	84	2.5	1/2	8145	-	-
S7612BK	FT2L 125V-15A	Black	12-3	STOW	96	2.5	5/8	-	-	-
S7612AE	FT2L 125V-15A	Black	12-3	STOW	120	2.5	5/8		-	-
L5-20R, 12 Gauge										
S7743BM	FT2L 125V-20A	Black	12-3	SJTW	12	5	1/2	-	1865	6
S7743BH	FT2L 125V-20A	Black	12-3	SJTW	24	3.5	1/2	-	1865	4.5
S7743	FT2L 125V-20A	Black	12-3	SJTW	36	2.5	1/2	8145	-	-
S7744	FT2L 125V-20A	White	12-3	SJTW	36	2.5	1/2	8145	-	-
S7750	FT2L 125V-20A	Black	12-3	STOW	36	2.5	1/2	8145	-	-
S7750ZZ	FT2L 125V-20A	Black	12-3	STOW	36	6	1/2	8145	-	-
S7750B	FT2L 125V-20A	Black	12-3	STOW	60	5	1/2	-	-	-
S7750WW	FT2L 125V-20A	Black	12-3	STOW	66	6	1/2	8145	-	-
S7743AW	FT2L 125V-20A	Black	12-3	SJTW	72	5	1/2	-	-	-
L7-15R, 12 Gauge										
S7733	FT2L 277V-15A	Black	12-3	SJTW	36	2.5	1/2	8145	-	-
S7734	FT2L 277V-15A	White	12-3	SJTW	36	2.5	1/2	8145	-	-

Commonly Applied Turn-2-Lock Accessories

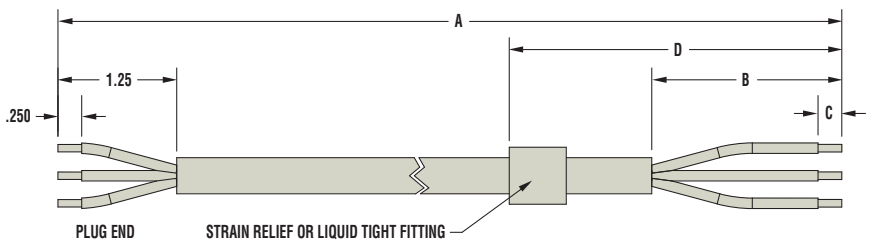
Ring Terminals

PART NO.	DESCRIPTION	Page
6072	.265, HD 8-12 AWG	8-15
8123	#8, 20-14 AWG	8-16
8125	#10, 20-14 AWG	8-16
8145	#10, 12 AWG	8-16
8147	#10, 10 AWG	8-16

Strain Relief Devices

PART NO.	DESCRIPTION	Page
1859	RDD 301-2 Black	4-8
1860	RDD 301-2 White	4-8
1865	RDD 401 Black	4-8
3231	LTF 1/2 NPT Black	3-19
4539	Brass CG Pg11-120	3-33
4545	Brass CG Pg16-150	3-33
4547	Brass CG Pg21-160	3-33

- DFARS Compliant



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Custom Male T2L Configurations

c UL us Listed for Use in the U.S. and Canada Under File E217650

Part No.	Description	Color	Wire Gauge AWG/Cond	Wire Type	Overall Length A in.	ROJ B in.	Strip Length C in.	Ring Terminal Part No.	Strain Relief Part No.	Strain Relief D in.
L5-15P, 16 Gauge										
S7650	T2L 125V-15A	Black	16-3	SEOOW	36	2.5	1/2	8125	-	-
S7651	T2L 125V-15A	White	16-3	SEOW	36	2.5	1/2	8125	-	-
S7650W	T2L 125V-15A	Black	16-3	SEOOW	36	2.5	5/8	-	-	-
S7651E	T2L 125V-15A	White	16-3	SEOW	36	5.5	1/2	8125	1859	6.5
S7651W	T2L 125V-15A	White	16-3	SEOW	36	2.5	5/8	-	-	-
S7651D	T2L 125V-15A	White	16-3	SEOW	42	3	1/2	-	-	-
S7651XX	T2L 125V-15A	White	16-3	SEOW	48	2.5	1/2	8125	-	-
S7650G	T2L 125V-15A	Black	16-3	SEOOW	72	2.5	1/2	8125	-	-
S7651FF	T2L 125V-15A	White	16-3	SEOW	72	2.5	5/8	-	-	-
S7651G	T2L 125V-15A	White	16-3	SEOW	72	2.5	1/2	8125	-	-
S7651AU	T2L 125V-15A	White	16-3	SEOW	78	4	1/2	8125	-	-
S7651AB	T2L 125V-15A	White	16-3	SEOW	84	2.5	5/8	-	-	-
S7650I	T2L 125V-15A	Black	16-3	SEOOW	96	2.5	1/2	8125	-	-
S7651BK	T2L 125V-15A	White	16-3	SEOW	96	2.5	5/8	-	-	-
S7651AC	T2L 125V-15A	White	16-3	SEOW	108	2.5	5/8	-	-	-
S7650BA	T2L 125V-15A	Black	16-3	SEOOW	120	2.5	1/2	8125	-	-
S7651AE	T2L 125V-15A	White	16-3	SEOW	120	2.5	5/8	-	-	-
L5-15P, 14 Gauge										
S7655	T2L 125V-15A	Black	14-3	SJT	36	2.5	1/2	8145	-	-
S7656	T2L 125V-15A	White	14-3	SJT	36	2.5	1/2	8145	-	-
L5-15P, 12 Gauge										
S7657AI	T2L 125V-15A	Black	12-3	SJTW	24	2.5	1/2	8145	-	-
S7652	T2L 125V-15A	Black	12-3	STOW	36	2.5	1/2	8145	-	-
S7657	T2L 125V-15A	Black	12-3	SJTW	36	2.5	1/2	8145	-	-
S7658	T2L 125V-15A	White	12-3	SJTW	36	2.5	1/2	8145	-	-
S7657QQ	T2L 125V-15A	Black	12-3	SJTW	48	5	1/2	8145	-	-
S7652NN	T2L 125V-15A	Black	12-3	STOW	60	2.5	1/2	8145	-	-
S7657NN	T2L 125V-15A	Black	12-3	SJTW	60	2.5	1/2	8145	-	-
S7652AD	T2L 125V-15A	Black	12-3	STOW	66	2	5/8	-	-	-
S7652WW	T2L 125V-15A	Black	12-3	STOW	66	6	1/2	8145	-	-
S7657AH	T2L 125V-15A	Black	12-3	SJTW	72	2.5	1/2	8145	-	-
S7652SS	T2L 125V-15A	Black	12-3	STOW	84	2.5	1/2	8145	-	-
L5-20P, 16 Gauge										
S7640	T2L 125V-20A	Black	16-3	SEOOW	36	2.5	1/2	8125	-	-
S7640BQ	T2L 125V-20A	Black	16-3	SEOOW	36	5	1/2		-	-
S7641BQ	T2L 125V-20A	White	16-3	SEOW	36	5	1/2		-	-
S7640A	T2L 125V-20A	Black	16-3	SEOOW	54	6	1/2	8125	3231	8
S7640B	T2L 125V-20A	Black	16-3	SEOOW	60	5	1/2	-	-	-
S7640G	T2L 125V-20A	Black	16-3	SEOOW	72	2.5	1/2	8125	-	-
S7641RR	T2L 125V-20A	White	16-3	SEOW	96	5	1/2	8125	-	-
S7640VV	T2L 125V-20A	Black	16-3	SEOOW	108	6	1/2	8125	3231	8

• DFARS Compliant

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Custom Male T2L Configurations continued

c UL us Listed for Use in the U.S. and Canada Under File E217650

Part No.	Description	Color	Wire Gauge AWG/Cond	Wire Type	Overall Length A in.	ROJ B in.	Strip Length C in.	Ring Terminal Part No.	Strain Relief Part No.	Strain Relief D in.
L5-20P, 14 Gauge										
S7613	T2L 125V-20A	Black	14-3	SJT	36	2.5	1/2	8145	-	-
S7614	T2L 125V-20A	White	14-3	SJT	36	2.5	1/2	8145	-	-
S7645	T2L 125V-20A	Black	14-3	SEOW	36	2.5	1/2	8145	-	-
S7646	T2L 125V-20A	White	14-3	SEOW	36	2.5	1/2	8145	-	-
S7645QQ	T2L 125V-20A	Black	14-3	SEOW	48	5	1/2	8145	-	-
S7645B	T2L 125V-20A	Black	14-3	SEOW	60	5	1/2	-	-	-
L5-20P, 12 Gauge										
S7647BL	T2L 125V-20A	Black	12-3	SJTW	12	5	1/2	8145	1865	6
S7647BG	T2L 125V-20A	Black	12-3	SJTW	24	3.5	1/2	8145	1865	4.5
S7642	T2L 125V-20A	Black	12-3	STOW	36	2.5	1/2	8145	-	-
S7642ZZ	T2L 125V-20A	Black	12-3	STOW	36	6	1/2	8145	-	-
S7647	T2L 125V-20A	Black	12-3	SJTW	36	2.5	1/2	8145	-	-
S7648	T2L 125V-20A	White	12-3	SJTW	36	2.5	1/2	8145	-	-
S7647BI	T2L 125V-20A	Black	12-3	SJTW	36	6	1/2	-	-	-
S7642AA	T2L 125V-20A	Black	12-3	STOW	54	6	1/2		-	-
S7642B	T2L 125V-20A	Black	12-3	STOW	60	5	1/2	-	-	-
S7642WW	T2L 125V-20A	Black	12-3	STOW	66	6	1/2	8145	-	-
S7642AC	T2L 125V-20A	Black	12-3	STOW	108	2.5	5/8		-	-
L5-30P, 12 Gauge										
S7715	T2L 125V-30A	Black	12-3	SJO	36	2.5	1/2	8145	-	
S7716	T2L 125V-30A	Black	12-3	SJTO	36	2.5	1/2	8145	-	
S7717	T2L 125V-30A	Black	12-3	SJT	36	2.5	1/2	8145	-	-
L5-30P, 10 Gauge										
S7718	T2L 125V-30A	Black	10-3	SJT	36	2.5	1/2	8145	-	-
S7718BI	T2L 125V-30A	Black	10-3	SJT	36	6	1/2	-	-	-
L6-15P, 16 Gauge										
S7690	T2L 250V-15A	Black	16-3	SEOOW	36	2.5	1/2	8125	-	-
S7690W	T2L 250V-15A	Black	16-3	SEOOW	36	2.5	5/8	-	-	-
S7691	T2L 250V-15A	White	16-3	SEOW	36	2.5	1/2	8125	-	-
S7691E	T2L 250V-15A	White	16-3	SEOW	36	5.5	1/2	8125	1859	6.5
S7691W	T2L 250V-15A	White	16-3	SEOW	36	2.5	5/8	-	-	-
S7691D	T2L 250V-15A	White	16-3	SEOW	42	3	1/2	-	-	-
S7690G	T2L 250V-15A	Black	16-3	SEOOW	72	2.5	1/2	8125	-	-
S7691FF	T2L 250V-15A	White	16-3	SEOW	72	2.5	5/8	-	-	-
S7691AU	T2L 250V-15A	White	16-3	SEOW	78	4	1/2	8125	-	-
S7691C	T2L 250V-15A	White	16-3	SEOW	78	4	1/2	8125	1859	6
S7690HH	T2L 250V-15A	Black	16-3	SEOOW	84	6	5/8	-	-	-

- DFARS Compliant

Don't see the configuration you need?

Consult Heyco for your particular NEMA Plug; wire gauge, type, length, and color; and Strain Relief and Termination requirements. Our Axcell® rapid development team is ready to meet your design requirements.

Custom Male T2L Configurations continued

c UL us Listed for Use in the U.S. and Canada Under File E217650

Part No.	Description	Color	Wire Gauge AWG/Cond	Wire Type	Overall Length A in.	ROJ B in.	Strip Length C in.	Ring Terminal Part No.	Strain Relief Part No.	Strain Relief D in.
L6-15P, 14 Gauge										
S7695	T2L 250V-15A	Black	14-3	SJT	36	2.5	1/2	8145	-	-
S7696	T2L 250V-15A	White	14-3	SJT	36	2.5	1/2	8145	-	-
S7695G	T2L 250V-15A	Black	14-3	SJT	72	2.5	1/2	8145	-	-
L6-30P, 12 Gauge										
S7705	T2L 250V-30A	Black	12-3	SJT	36	2.5	1/2	8145	-	-
S7710	T2L 250V-30A	Black	12-3	STOW	36	2.5	1/2	8145	-	-
S7710Q	T2L 250V-30A	Black	12-3	STOW	78	4	1/2	-	4547	5
L6-30P, 10 Gauge										
S7700	T2L 250V-30A	Black	10-3	SJT	36	2.5	1/2	6072	-	-
S7708	T2L 250V-30A	Black	10-3	STOOW	36	2.5	1/2	6072	-	-
L7-15P, 16 Gauge										
S7630	T2L 277V-15A	Black	16-3	SEOOW	36	2.5	1/2	8125	-	-
S7631	T2L 277V-15A	White	16-3	SEOW	36	2.5	1/2	8125	-	-
S7631BQ	T2L 277V-15A	White	16-3	SEOW	36	5	1/2	-	-	-
S7631E	T2L 277V-15A	White	16-3	SEOW	36	5.5	1/2	8125	1859	6.5
S7631W	T2L 277V-15A	White	16-3	SEOW	36	2.5	5/8	-	-	-
S7631D	T2L 277V-15A	White	16-3	SEOW	42	3	1/2	-	-	-
S7630FF	T2L 277V-15A	Black	16-3	SEOOW	72	2.5	5/8	-	-	-
S7630G	T2L 277V-15A	Black	16-3	SEOOW	72	2.5	1/2	8125	-	-
S7631FF	T2L 277V-15A	White	16-3	SEOW	72	2.5	5/8	-	-	-
S7631G	T2L 277V-15A	White	16-3	SEOW	72	2.5	1/2	8125	-	-
S7631AU	T2L 277V-15A	White	16-3	SEOW	78	4	1/2	8125	-	-
S7631C	T2L 277V-15A	White	16-3	SEOW	78	4	1/2	8125	1859	6
S7630H	T2L 277V-15A	Black	16-3	SEOOW	84	3	1/2	8125	-	-
S7630HH	T2L 277V-15A	Black	16-3	SEOOW	84	6	5/8	-	-	-
S7631HH	T2L 277V-15A	White	16-3	SEOW	84	6	5/8	-	-	-
S7630I	T2L 277V-15A	Black	16-3	SEOOW	96	2.5	1/2	8125	-	-
S7631BK	T2L 277V-15A	White	16-3	SEOW	96	2.5	5/8	-	-	-
S7631AC	T2L 277V-15A	White	16-3	SEOW	108	2.5	5/8	-	-	-
S7631J	T2L 277V-15A	White	16-3	SEOW	108	6	5/8	-	-	-
S7630AZ	T2L 277V-15A	Black	16-3	SEOOW	120	2.5	1/2	-	1859	3.5
S7630BA	T2L 277V-15A	Black	16-3	SEOOW	120	2.5	1/2		-	-
S7631AE	T2L 277V-15A	White	16-3	SEOW	120	2.5	5/8	-	-	-
L7-15P, 14 Gauge										
S7635	T2L 277V-15A	Black	14-3	SEOW	36	2.5	1/2	8145	-	-
S7636	T2L 277V-15A	White	14-3	SEOW	36	2.5	1/2	8145	-	-
L7-15P, 12 Gauge										
S7637	T2L 277V-15A	Black	12-3	SJTW	36	2.5	1/2	8145	-	-
S7638	T2L 277V-15A	White	12-3	SJTW	36	2.5	1/2	8145	-	-

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Custom Male T2L Configurations concluded

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Part No.	Description	Color	Wire Gauge AWG/Cond	Wire Type	Overall Length A in.	ROJ B in.	Strip Length C in.	Ring Terminal Part No.	Strain Relief Part No.	Strain Relief D in.
L7-20P, 16 Gauge										
S7620	T2L 277V-20A	Black	16-3	SEOOW	36	2.5	1/2	8125	-	-
S7621	T2L 277V-20A	White	16-3	SEOW	36	2.5	1/2	8125	-	-
S7621BQ	T2L 277V-20A	White	16-3	SEOW	36	5	1/2	-	-	-
S7621QQ	T2L 277V-20A	White	16-3	SEOW	48	5	1/2	8145	-	-
S7620G	T2L 277V-20A	Black	16-3	SEOOW	72	2.5	1/2	8125	-	-
S7620I	T2L 277V-20A	Black	16-3	SEOOW	96	2.5	1/2	8125	-	-
S7621BC	T2L 277V-20A	White	16-3	SEOW	120	6	5/8	-	-	-
L7-20P, 14 Gauge										
S7625	T2L 277V-20A	Black	14-3	SJT	36	2.5	1/2	8145	-	-
S7626	T2L 277V-20A	White	14-3	SJT	36	2.5	1/2	8145	-	-
S7626QQ	T2L 277V-20A	White	14-3	SJT	48	5	1/2	8145	-	-
L24-20P, 16 Gauge										
S7660	T2L 347V-20A	Black	16-3	SEOOW	36	2.5	1/2	8125	-	-
S7661	T2L 347V-20A	White	16-3	SEOW	36	2.5	1/2	8125	-	-
S7661AC	T2L 347V-20A	White	16-3	SEOW	108	2.5	5/8	-	-	-
L24-20P, 14 Gauge										
S7665	T2L 347V-20A	Black	14-3	SJT	36	2.5	1/2	8145	-	-
S7666	T2L 347V-20A	White	14-3	SJT	36	2.5	1/2	8145	-	-
S7666QQ	T2L 347V-20A	White	14-3	SJT	48	5	1/2	8145	-	-
L8-20P, 16 Gauge										
S7670	T2L 480V-20A	Black	16-3	SEOOW	36	2.5	1/2	8125	-	-
S7671	T2L 480V-20A	White	16-3	SEOW	36	2.5	1/2	8125	-	-
S7671W	T2L 480V-20A	White	16-3	SEOW	36	2.5	5/8	-	-	-
S7671D	T2L 480V-20A	White	16-3	SEOW	42	3	1/2	-	-	-
S7670G	T2L 480V-20A	Black	16-3	SEOOW	72	2.5	1/2	8125	-	-
S7670PP	T2L 480V-20A	Black	16-3	SEOOW	72	6	5/8	-	-	-
S7671FF	T2L 480V-20A	White	16-3	SEOW	72	2.5	5/8	-	-	-
S7670HH	T2L 480V-20A	Black	16-3	SEOOW	84	6	5/8	-	-	-
S7671RR	T2L 480V-20A	White	16-3	SEOW	102	5	1/2	8125	-	-
S7671AC	T2L 480V-20A	White	16-3	SEOW	108	2.5	5/8	-	-	-
S7671AE	T2L 480V-20A	White	16-3	SEOW	120	2.5	5/8	-	-	-
L8-20, 14 Gauge										
S7675	T2L 480V-20A	Black	14-3	SJT	36	2.5	1/2	8145	-	-
S7676RR	T2L 480V-20A	White	14-3	SJT	102	5	1/2	8125	-	-

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Still don't see the configuration you need?

Consult Heyco for your particular NEMA Plug; wire gauge, type, length, and color; and Strain Relief and Termination requirements. Our Axcell® rapid development team is ready to meet your design requirements.

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ALL NEW PRODUCTS!

HEYlock™ Locking IEC Power Cords

Universal C13 to C14 Locking Power Cords - designed for retrofit!

UL Listed (UL 817) and CE Compliant (IEC 60320)

- The only locking IEC 13-14 power cord that locks at both ends.
- Designed for retrofit - plug and play replacement for existing power cords.
- Universally compatible - requires no mating plug or receptacle on the other side of the connection.
- Consult Heyco for IEC 19-20 power cord configurations.

WIRE						
Type	Gauge AWG/ Cond	Color *	Length * Feet	Length * M	PART NO.	DESCRIPTION
H05	17/3	Black	1.7	0.5	**S8000**	LPC-C13/C14-17/3-BLK-H05-1.7
			3.3	1.0	**S8002**	LPC-C13/C14-17/3-BLK-H05-3.3
			5.0	1.5	**S8004**	LPC-C13/C14-17/3-BLK-H05-5.0
			6.6	2.0	**S8006**	LPC-C13/C14-17/3-BLK-H05-6.6
			8.3	2.5	**S8008**	LPC-C13/C14-17/3-BLK-H05-8.3
SJT	16/3	Black	1.7	0.5	**S8020**	LPC-C13/C14-16/3-BLK-SJT-1.7
			3.3	1.0	**S8022**	LPC-C13/C14-16/3-BLK-SJT-3.3
			5.0	1.5	**S8024**	LPC-C13/C14-16/3-BLK-SJT-5.0
			6.6	2.0	**S8026**	LPC-C13/C14-16/3-BLK-SJT-6.6
SJT	14/3	Black	1.7	0.5	**S8030**	LPC-C13/C14-14/3-BLK-SJT-1.7
			3.3	1.0	**S8032**	LPC-C13/C14-14/3-BLK-SJT-3.3
			5.0	1.5	**S8034**	LPC-C13/C14-14/3-BLK-SJT-5.0
			6.6	2.0	**S8036**	LPC-C13/C14-14/3-BLK-SJT-6.6

*Custom colors and lengths available, consult Heyco.

Universal C13 to 5-15P Locking Power Cords - designed for retrofit!

UL Listed (UL 817) and CE Compliant (IEC 60320)

- IEC 13 to NEMA 5-15P power cord that locks at the application end.
- Designed for retrofit - plug and play replacement for existing power cords.
- Universally compatible - requires no mating receptacle on the other side of the connection.
- IEC 13 to any International plug configuration available. Consult Heyco.

WIRE						
Type	Gauge AWG/ Cond	Color *	Length * Feet	Length * M	PART NO.	DESCRIPTION
SJT	18/3	Black	2.0	0.6	**S8052**	LPC-C13/515P-18/3-BLK-SJT-2.0
			3.0	0.9	**S8053**	LPC-C13/515P-18/3-BLK-SJT-3.0
			6.0	1.8	**S8056**	LPC-C13/515P-18/3-BLK-SJT-6.0
SJT	16/3	Black	2.0	0.6	**S8062**	LPC-C13/515P-16/3-BLK-SJT-2.0
			3.0	0.9	**S8063**	LPC-C13/515P-16/3-BLK-SJT-3.0
			6.0	1.8	**S8066**	LPC-C13/515P-16/3-BLK-SJT-6.0
SJT	14/3	Black	2.0	0.6	**S8072**	LPC-C13/515P-14/3-BLK-SJT-2.0
			3.0	0.9	**S8073**	LPC-C13/515P-14/3-BLK-SJT-3.0
			6.0	1.8	**S8076**	LPC-C13/515P-14/3-BLK-SJT-6.0

*Custom colors and lengths available, consult Heyco.

Quick Specs

Materials		Nylon 6/6 and PVC with Plated Copper Alloy Contacts
Certifications	c UL us	Certified by UL for Compliance with both Canadian and U.S. Requirements under File E471200 (C13/C14)
	c UL us	Certified by UL for Compliance with both Canadian and U.S. Requirements under File E115330 (C13/C15-5P)

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HEYCO

The Strain Reliever™ "Pill Bottle" (PN 9977)

Request one from your Heyco Distributor, Sales Representative, Business Development Manager, or Customer Service Representative–TODAY!

HEYCO FOR YOUR BUSINESS HEALTH

INDICATIONS:

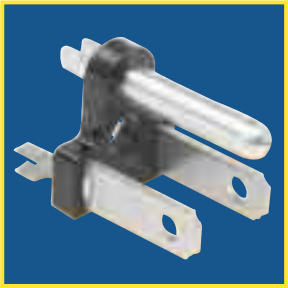
For permanent **relief of strain** associated with not having the solution.

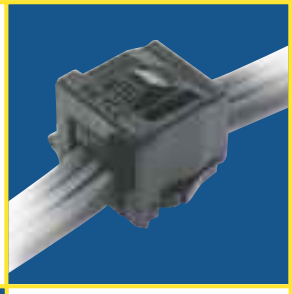
DIRECTIONS:

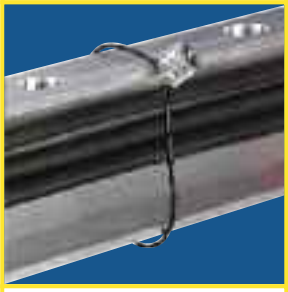
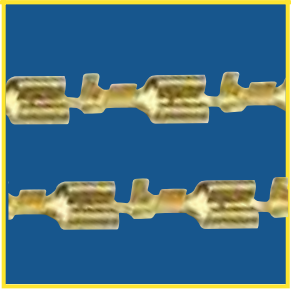
Remove top and shake out a potential solution. Take one dose each time "**no solution**" symptoms appear. Repeat as needed. This prescription may be refilled at any time because new solutions are constantly being generated.

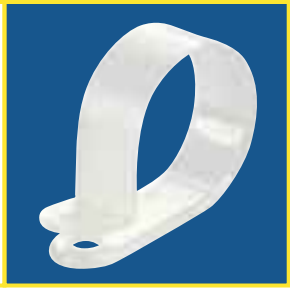
WARNING:

If strain persists or gets worse, consult your Heyco representative immediately because this could be a sign of a serious problem in need of a Heyco solution!







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