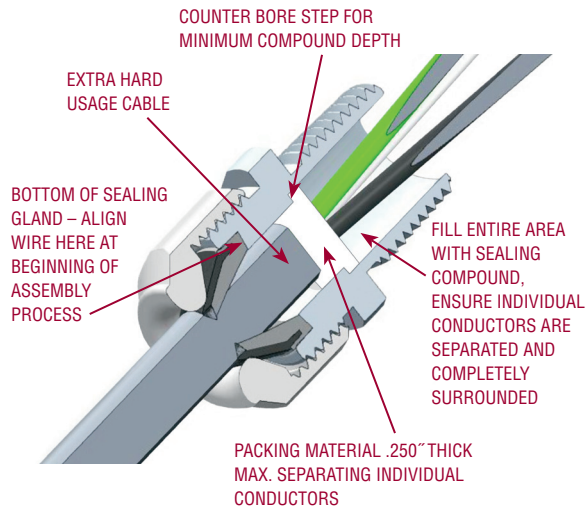


**Sealing Compound Preparation: (Chico A)
US Zones Certification Only**

Follow instructions supplied with “Chico” sealing compound. Using a small wooden or plastic tool pack the supplied fiber around each individual conductor and between the jacket and fitting to create a dam to retain the sealing compound during application. The packing fiber around each individual conductor ensures the sealing compound will surround each conductor for a proper seal. The finished packing material should not have any stray fibers and be completely contained within 1/4” of total thickness, leaving the completed dam even to a maximum of 1/8” above the counter bore step in the fitting.

**Sealing Compound Application: (Chico A)
US Zones Certification Only**

Follow all instructions supplied with the Chico A19PX Sealing Compound. Secure the fitting in a vertical position with the NPT end up fill with properly mixed sealing compound until even with end of hub. Do not disturb fitting until compound has set sufficiently. Minimum mixing temperature 41°F (5°C), low temperature cure time 72 hours, room temperature cure time 24 hours.



Final Assembly Verification / Maintenance

Once all assembly steps have been completed, verify the sealing nut torque is still as specified by the fitting size.

*These instructions can
be found on-line
at www.heyco.com*



a **PennEngineering**® Company

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Assembly Instructions for Heyco® SSCG EXP & RSSCG EXP Hazardous Location Stainless Steel Cord Grips



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US Certifications:

Class I, Zone 1, AEx d IIC
Class II, Zone 21, AEx tb IIIC

ATEX/IECEX Certifications:

II 2G; Ex d IIC Gb
II 2D; Ex tb IIIC Db IP6X
Per Directive 2014/34/EU

CE 0539

CANADIAN Certifications:

Zone 1, Ex d IIC
Zone 21, Ex tb IIIC

Evaluated and Certified to:

UL Standards: UL 2225
IECEX Standards: IEC 60079-0; IEC 60079-1; IEC 60079-31
IEC 60079-14 (installation-specific guidelines)
ATEX Standards: EN 60079-0:2012 + A11:2013;
EN60079-1: 2007; EN 60079-31:2014
CSA Standards: CSA C22.2 NO. 60079-0-11;
CSA C22.2 NO. 60079-31-12;
CSA C22.2 NO. 60079-1:11; CSA C22.2 NO. 30

CABLE DIAMETER RANGE				MAXIMUM NUMBER OF CONDUCTORS	MAXIMUM CONDUCTOR SIZE (AWG)*	PART NO.	DESCRIPTION
Minimum		Maximum					
in.	mm.	in.	mm.				
.250	6,4	.290	7,4	5	18	M6006E	RSSCG 1/2 EXP
.250	6,4	.460	11,7	4	16	M6007E	SSCG 1/2 EXP
.300	7,6	.400	10,1	5	16	M6008E	RSSCG LL 1/2 EXP
.350	8,9	.550	14,0	3	14	M6009E	SSCG LL 1/2 EXP
.385	9,8	.490	12,4	5	12	M6010E	RSSCG 3/4 EXP
.438	11,1	.710	18,0	4	10		
				3	8	M6011E	SSCG 3/4 EXP
.500	12,7	.790	20,1	5	6	M6012E	RSSCG 1 EXP
.590	15,0	1.000	25,4			M6013E	SSCG 1 EXP

*Maximum conductor gauge shown for each number of conductors. Smaller wire gauges are approved at same maximum number of conductors, or less.

** Must be mounted in a tapped hole.

Specific Conditions of Use

Operating temperature: -4°F (-20°C) to 140°F (60°C)

Assembly Torque Requirements

Torque chart per UL 2225

Conduit hub trade size O.D. Inches (mm)	Tightening torque Pound-inches (N·m)
1/2 – 3/4 (21.3 – 26.7)	800 (90)
1 – 1-1/2 (33.4 – 48.3)	1000 (113)

Read all instructions including precautionary and safety statements prior to assembly

Surface Preparation:

To achieve optimum adhesion, all surfaces must be clean and free of oil, grease and dirt.

Cable Preparation:

These fittings are for use with only extra-hard usage cord such as Type S, SO, ST, STO with a grounding conductor. The cord must be of continuous length without splices and the cord sealing fittings must be replaced at the time of cord replacement. Determine the length of conductors required for termination within the enclosure. Add 1" to the determined length and strip outer jacket exposing the individual insulated conductors. Remove any fillers or paper surrounding the conductors even with the outer jacket strip length.

Fitting to Cable Assembly:

Feed cable into fitting positioning the end of outer jacket even with the bottom of the sealing gland in the fitting. Then tighten sealing nut to specified torque to secure the wire within the fitting. Once the part is fully assembled the outer jacket should be within 1/8" to even with the counter bore step in the fitting. Leaving at least the minimum of 7/8" depth of sealing compound from the end of thread.

Sealing Compound Application: (Kneadseal) All Certifications

Follow all instructions supplied with the Kneadseal Epoxy Compound. Secure the fitting in a vertical position with the NPT end up, fill with properly mixed sealing compound ensuring the individual conductors are separated and completely surrounded until even with end of hub. Do not disturb fitting until compound has set sufficiently. Minimum mixing temperature 41°F (5°C), low temperature cure time 72 hours, room temperature cure time 24 hours.

