

STAHL

Conduit Hubs:

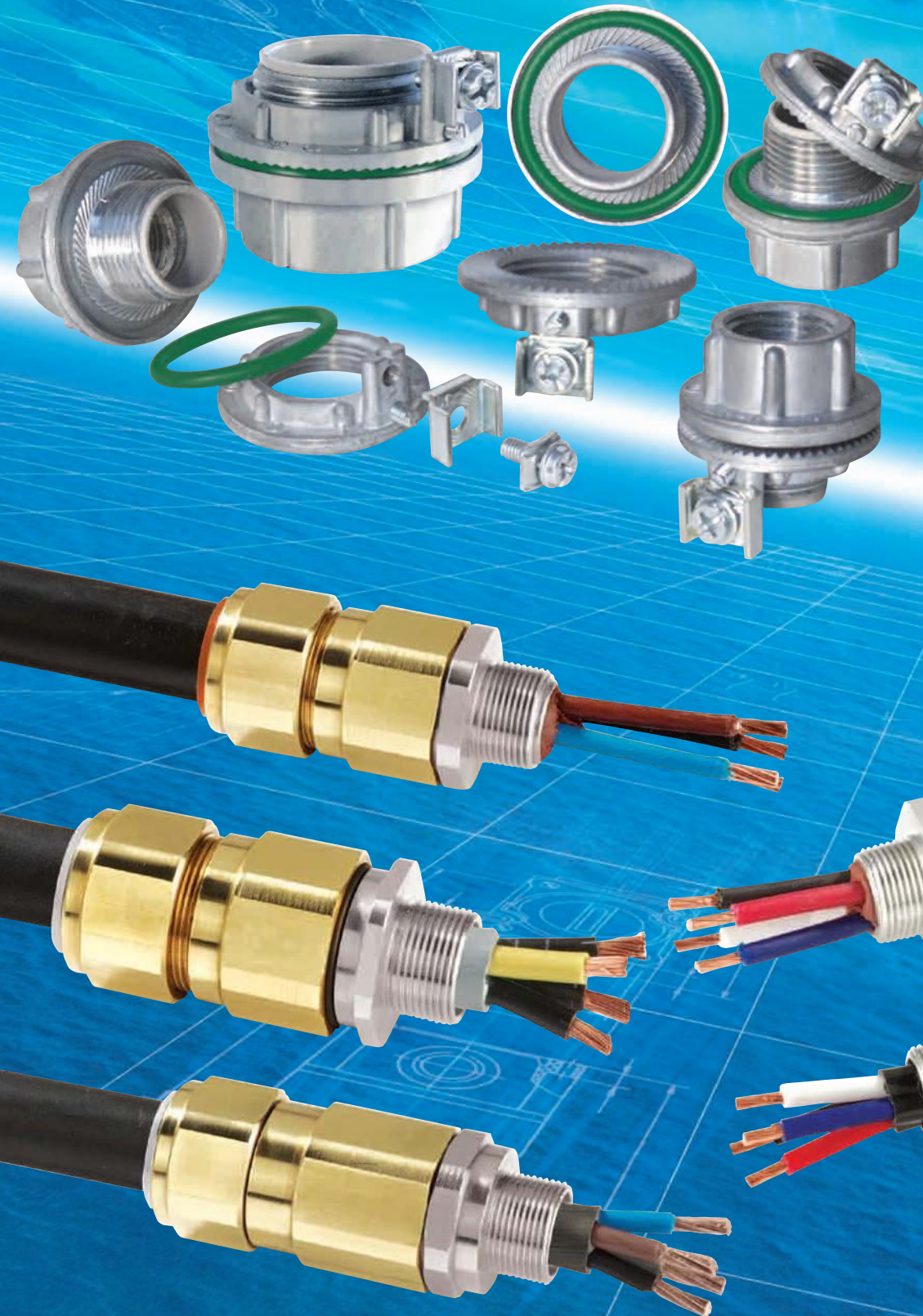
- For connecting conduit.
- Sizes 1/2"-3" NPT.
- For Hazardous (classified) Locations.
- Material Zinc.

Cable Glands:

- For connecting all types of cables.
- Sizes 1/2"-4" NPT.
- For Wet and Hazardous (classified) Locations.
- Several gland materials available.

Breather:

- For ventilation.
- Explosion protection "increased safety".



CONDUIT HUBS FOR HAZARDOUS (CLASSIFIED) LOCATIONS



CLASSIFICATIONS

NEC- Class I, Zones 1, AEx e II
 Class I, Division 2
 Class II, Divisions 1 & 2, Groups F & G
 Class III
 CEC- Ex e II
 Class I, Division 2
 Class II, Division 2, Groups F & G
 Class III
 Environmental Protection
 Types 3, 4 and 4X; IP66

File No. 200949

II 2 G Ex e II
 PTB 00 ATEX 1114U
 Ingress Protection IP66

Ambient Temperature Range
 +100°C (+212°F) Max.
 -30°C (-22°F) Min.

Grounding Terminal Capacity:
 One or two copper wires,
 14 to 8 AWG, solid or stranded


FEATURES

The 8166/11 Series of Conduit Hubs are listed for hazardous (classified) locations as specified above and are suitable for installation of rigid conduits with 1/2" - 3" NPT threads to metallic and non-metallic enclosures with appropriate ratings. They also provide a sure watertight seal by means of an embedded "O" Ring.

They are made of zinc and are provided with a protective, insulated throat. The grounding locknut provides an "increased safety" terminal which prevents the ground wire from rotating when tightening. The locknut also has a set screw which after tightening provides firm metal-to-metal connection between the HUB body and the locknut.

Hazardous Location Conduit Hubs with "Increased Safety" Grounding Terminal

Ordering Information

	Size NPT	Catalog Number	(H) Enclosure Thru Hole I.D.
	1/2"	8166/11-01-NE	7/8"
	3/4"	8166/11-02-NE	1-1/8"
	1"	8166/11-03-NE	1-3/8"
	1-1/4"	8166/11-04-NE	1-3/4"
	1-1/2"	8166/11-05-NE	2"
	2"	8166/11-06-NE	2-1/2"
	2-1/2"	8166/11-07-NE	3"
	3"	8166/11-08-NE	3-5/8"

Dimensions in Inches

Hub with "e" grounding nut	A	B (O.D.)	C	D (ID)		E (O.D.)	F	G
				(min.)	(max.)			
8166/11-01-NE	1.31	1.54	0.73	0.56	0.65	1.54	0.34	0.80
8166/11-02-NE	1.37	1.73	0.78	0.79	0.85	1.73	0.39	0.85
8166/11-03-NE	1.59	2.04	0.90	1.01	1.08	2.04	0.46	0.92
8166/11-04-NE	1.59	2.42	0.90	1.32	1.41	2.42	0.46	0.92
8166/11-05-NE	1.59	2.79	0.90	1.54	1.65	2.79	0.46	0.92
8166/11-06-NE	1.59	3.29	0.90	1.98	2.10	3.29	0.46	0.92
8166/11-07-NE	1.47	3.70	1.56	2.44	2.49	3.70	0.56	1.00
8166/11-08-NE	1.47	4.39	1.56	3.05	3.10	4.39	0.56	1.00

