

## Condulet® Sealing Fittings With Drains

Chico Sealing Compound and  
Fiber Page 196

Cl. I, Div. 1 & 2, Groups B,C,D§ Explosionproof  
Cl. II, Div. 1, Groups E,F,G Dust-Ignitionproof  
Cl. II, Div. 2, Groups F,G  
Cl. III

### Application:

EYD drain and EZD drain and inspection sealing fittings:

- restrict the passage of gases, vapors or flames from one portion of the electrical installation to another at atmospheric pressure and normal ambient temperatures
- limit explosions to the sealed-off enclosure
- prevent precompression or "pressure piling" in conduit systems

Drain sealing fittings are installed in vertical conduit runs and at low points in conduit systems to prevent accumulation of condensate above seal.

These sealing fittings are required as described on page 186.

### Features:

EYD and EZD drain sealing fittings include:

- drain to provide continuous, automatic drainage of condensate
- large openings with threaded closures to provide easy access to conduit hubs for making dams
- integral bushings to protect conductor insulation from damage
- taper-tapped hubs to ensure ground continuity

EZD drain and inspection sealing fittings also include:

- removable covers for periodic inspection of seals
- barrier for sealing compound easily installed after dams are made and before compound is poured.

### Standard Materials:

- Bodies, and inspection or drain covers – *Feraloy*® iron alloy and/or ductile iron
- Closure for drain – copper-free aluminum or ductile iron
- Small closure plug – *Feraloy* iron alloy and/or steel
- Drain – stainless steel
- Removable nipples – steel

### Standard Finishes:

- *Feraloy* iron alloy and ductile iron – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – natural
- Stainless steel – natural
- Steel – electrogalvanized

### Options:

- Copper-free aluminum bodies, nipples and enclosures – add suffix - SA\*

### Size Ranges:

- EYD – 1/2" – 4"
- EZD – 1/2" – 2"

### Certifications and Compliances:

NEC/CEC:

- **EYD11-101, 116-1016**  
Class I, Division 1 & 2, Groups B,C,D  
Class II, Division 1, Groups E,F,G  
Class II, Division 2, Groups F,G  
Class III
- **EYD1-10, 16-106**  
**EZD10-60, 111-611**  
Class I, Division 1 & 2, Groups C,D  
Class II, Division 1, Groups F,G  
Class II, Division 2, Groups F,G  
Class III

- UL Standard: 886

- CSA Standard: C22.2

**NOTE:** Sealing Fittings are approved for use in hazardous locations only when *Chico*® X fiber and *Chico A* sealing compound are used to make the seal.

1/2"-1"

Female hub

1/2"-1"

Male & female hub

1 1/4"-4"

Female hub



1 1/4"-4"

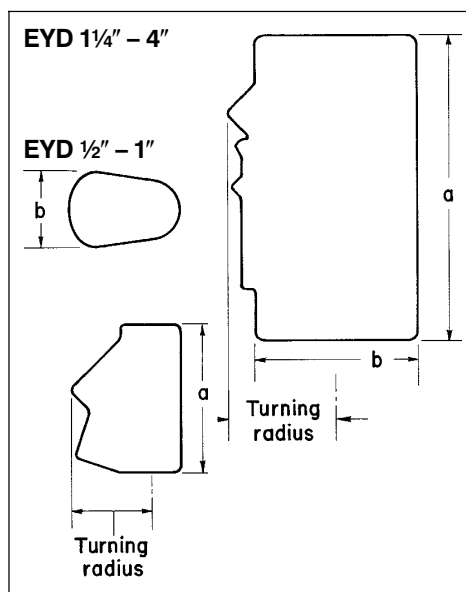
Male & female hub



### EYD Drain Seal

Hub Size	Female Hub Cat. #	Female Hub Cat. #	Female Hub Cat. #	Male & Female Hub Cat. #	Approximate Internal Volume in Cubic Inches
1/2	EYD1*	EYD16*	EYD11	EYD116	1
3/4	EYD2*	EYD26*	EYD21	EYD216	2
1	EYD3*	EYD36*	EYD31	EYD316	3 3/4
1 1/4	EYD4*	EYD46*	EYD41	EYD416	8
1 1/2	EYD5*	EYD56*	EYD51	EYD516	10 3/4
2	EYD6*	EYD66*	EYD61	EYD616	20
2 1/2	EYD7*	EYD76*	EYD71	EYD716	35
3	EYD8*	EYD86*	EYD81	EYD816	57
3 1/2	EYD9*	EYD96*	EYD91	EYD916	75
4	EYD10*	EYD106*	EYD101	EYD1016	105

### Dimensions



### EYD Drain Seal

Size	a	b	Turning Radius
1/2	3 9/32	1 1/2	1 5/8
3/4	3 11/16	1 3/4	1 29/32
1	4 5/16	2 3/16	2 3/8
1 1/4	5 1/16	2 3/16	1 27/32†
1 1/2	5 1/2	2 7/16	2 1/16†
2	6 1/4	3	2 5/16†
2 1/2	7 1/2	3 1/2	2 11/16†
3	8 1/2	4 1/4	3 5/16†
3 1/2	9 3/16	4 3/4	3 7/16†
4	9 3/4	5 1/4	3 1/2†

§ See Certifications and Compliances for classification of each product.

† With cover removed.

\* Available in copper-free aluminum – to order, add suffix SA to Cat. No.