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## Series 864 Sch 40 ID Controlled Weld-On (A106)

**Description** - The Poly-Cam ID-Controlled Weld-End is designed to provide a smooth interior transition between the steel pipe and the polyethylene pipe. The joint between the steel fitting and the polyethylene pipe is accomplished with angle barb system with a compression ring supporting the joint. The angle barb system provides the sealing joint between the steel material and the polyethylene pipe. The interior portion of the joint contains no sharp edges in which pigs can be hung up. The weld-end is coated with an epoxy coating. The compression ring is constructed out of carbon steel material. The compression ring is coated with an epoxy coated material. Stainless steel compression rings are optional.

The Poly-Cam ID Controlled Weld-End is a custom design fitting allowing the end user to transition from one specific type steel materials to a specific type of polyethylene pipe.

Tested and complies to ASTM D2513, ASTM 1973-05, D1599, D1598

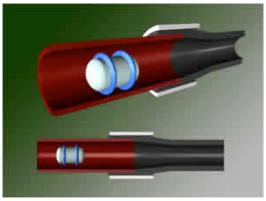
**Steel Material Options:**
- A106
- 304 Stainless Steel
- 316 Stainless Steel

**Polyethylene Pipe Options:**
- PE 3408 ASTM F-714
- PE 3408 ASTM 2513 Gas Pipe
- PE 2406
- PE 4710

Additional options are available.

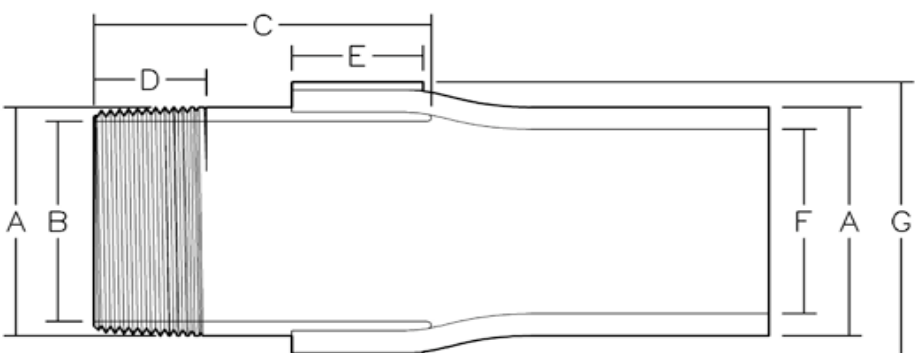
**Epoxy Coated Material:**
- Color HB, Red Oxide, IF1947T

# Series 864
# Sch 40 ID Controlled
# Weld-On (A106)



View ID Controlled
Transition Pig Animation

| Nominal Size Inches | HDPE, Steel Pipe O.D. "A" | SDR 11 HDPE I.D. "B" | HDPE Pipe Length "C" | Steel Pipe Length "D" | Compression Ring Length "E" | Steel Pipe I.D. "F" | Compression Ring O.D. SDR11 "G" |
|---|---|---|---|---|---|---|---|
| 2 | 2.375 | 1.917 | 12 | 12 | 3 | 2.067 | ~2.84 |
| 2.5 | 3.5 | 2.826 | 12 | 14 | 5.5 | 2.469 | ~ |
| 3 | 3.5 | 2.826 | 12 | 14 | 4.5 | 3.068 | ~4.14 |
| 4 | 4.5 | 3.633 | 12 | 14 | 5.5 | 4.026 | ~5.44 |
| 6 | 6.625 | 5.349 | 12 | 20 | 8 | 6.065 | ~8.0 |
| 8 | 8.625 | 6.963 | 12 | 22 | 9 | 7.981 | ~10.3 |
| 10 | 10.75 | 8.679 | 12 | 26 | 9 | 10.02 | ~12.9 |
| 12 | 12.75 | 10.293 | 12 | 28 | 9 | 12 | ~15.3 |
| 14 | 14 | 11.301 | 18 | 28 | 9 | 13.25 | ~16.8 |
| 16 | 16 | 12.915 | 18 | 28 | 9 | 15.25 | ~19.2 |




Fully pressure rated • Standard SDR sizes 7, 9, 11, 17 • Special Sizing Available
Tested and complies to ASTM D2513, ASTM 1973-05, D1599, D1598