



Features

- Evans "Dogbones" eliminate expensive welded closures and allow for inspection of inner process tube after installation.
- Standard nylon or Teflon ferrules on one end allow easy movement of the "Dogbone" to inspect the process tube
- Presslok "Dogbone" is a lower cost option and is available in sizes up to 4"



Evans "Dogbone" Co-axial Connectors

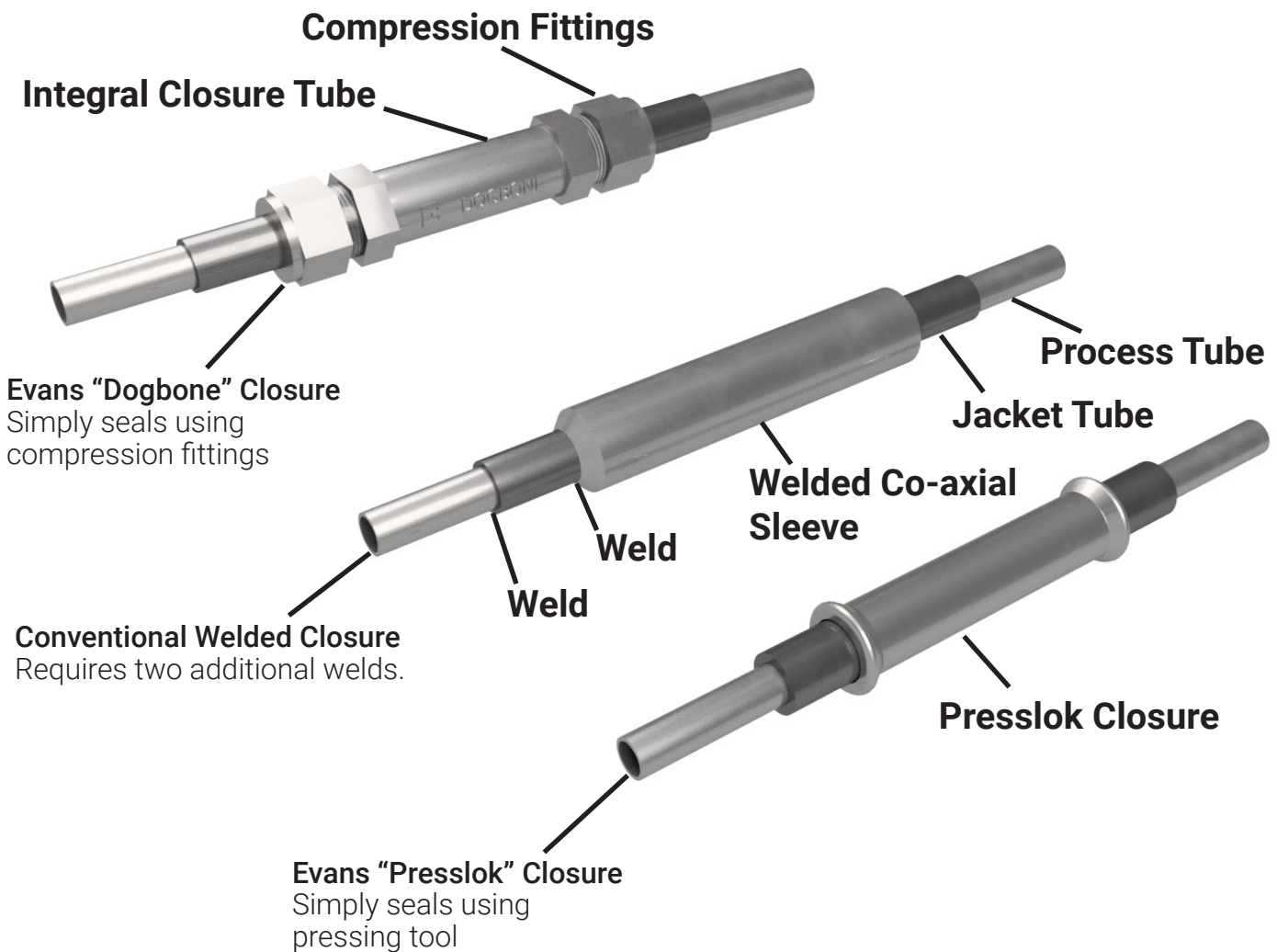
Welded vs. Compression/Presslok Closure

The "Dogbone" Advantage

Evans "Dogbones" significantly reduce installation costs for co-axial tube applications within the Semiconductor/Lithium Battery industries by the elimination of weld sleeves for containment tube.

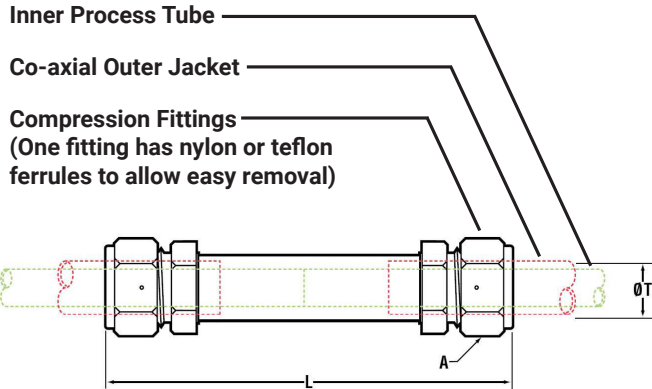
Unlike conventional methods of welding an outer closure tube into place after the inner process tube has been welded, the "Dogbone" simply slides into place over the outer tube and is tightened using hand or pressing tools to seal the closure. With "Dogbones" the danger of weld damage or re-fabrication of the process tube is eliminated. Superior design and rigid quality control assure you of consistent leak-free performance.

In conventional welded closures, the closure tube is welded to a co-axial weld sleeve which can damage the process tube. The "Dogbone" connector provides a secure weld-free closure using simple hand or press tools. Installations are less expensive and more reliable using these solutions.

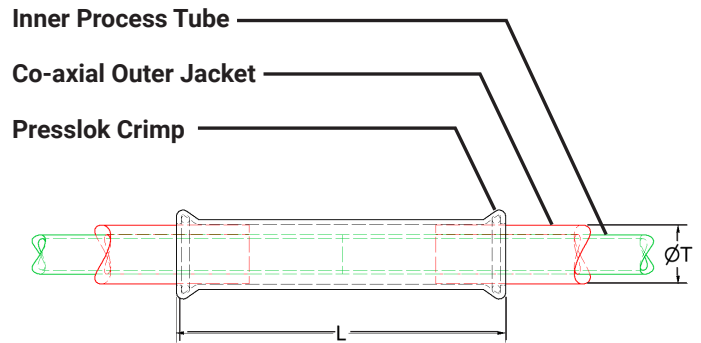


Evans “Dogbone” Co-axial Connectors

Compression Diagram



Presslok Diagram



Dogbone Part Numbers

"T" Tube O.D.	Part Number	"L" Length	"A" Hex Flats
1/2"	SS-810-61BT-CX8-**	4.73"	7/8"
5/8"	SS-1010-61BT-CX10-**	4.83"	1"
3/4"	SS-1210-61BT-CX12-**	4.76"	1-1/8"
1"	SS-1610-61BT-CX16-**	5.55"	1-1/2"

** COMPRESSION FERRULE OPTIONS:

- SN: Stainless x Nylon
- ST: Stainless x Teflon
- SS: Stainless x Stainless

Presslok Part Numbers

"T" Tube O.D.	Part Number	"L" Length
1/2"	PLT-08-508-M-*	C/F
3/4"	PLT-12-508-M-*	4.20
1"	PLT-16-508-M-*	4.95
1.5"	PLT-24-508-M-*	5.56
2"	PLT-32-508-M-*	7.66
2.5'	PLT-40-508-M-*	C/F
3'	PLT-48-508-M-*	10.88
4'	PLT-64-508-M-*	13.25

* Presslok O-Ring Material Option:

- E: EPDM
- V: Viton

Evans "Dogbone" Co-axial Connectors

Learn more about related Evans Products

EVANS COMPONENTS | **Evans CFOS/PCW/UHP Manifolds**
New Standard for Semiconductor & Advanced Manufacturing Installations



Evans Manifolds

- Manifold POC configurations available with ball valves, diaphragm and bellows valves
- Custom EOL (end of line) configurations according to customer specifications
- Individual Spool (main line) lengths up to 24" (7.2m) and diameters up to NPS 12"
- 100% helium leak tested and certified
- Complete QA/QC documentation package
- "Weld free" CFOS grade manifold creates using Proprietary Evans Presslok joining system



EVANS COMPONENTS | **Evans U Series Gas Stick**
316L EP Forged UHP Design



Features

- 316L Forged Body Regulator/Gauge Tee Design
- Fewer Mechanical Connections, More Robust Design
- Lower Cost
- 10 Ra EP Surface Finish
- Assembled in class 100 cleanroom



EVANS COMPONENTS | **Evans PLT Series Presslok® Stainless Tube Fittings/Valves**
Tube Size Range: 1/2" thru 4"



PRESSLOK® GO/NO-GO GAUGES

If Presslok® Go/No-Go Gauge slips over-pressed section of fitting, press is acceptable. If gauge does not slip over pressed section, press is unacceptable.



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