



Evans PLT/PLHT 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.



The fast, easy, compact, low cost, “Weld Free” tubing system

System Guaranteed “5-year Warranty”



Features

- Compact lightweight hand-held Lithium battery operated pressing tool
- New 22V battery tool increases the number of presses between charges by 50%
- Rigid, permanent, uniform engagement of fitting into tube
- Sizes from 1/2” through 4” (15-100mm) tube
- 5-yr system warranty for installations using recommended ASTM A269 316L/304L quality tube with recommended wall thickness (Includes JIS-3447 G)
- Only gaugable Press fitting on the market, assures proper 100% press quality check of the fitting
- Pressure rating: 1/2” to 1-1/2” 300 psi (20 Bar), 2” to 4” 200 psi (13 Bar)
- Maximum test pressure: 1/2” to 1-1/2” 350 psi (24 Bar), 2” to 4” 250 psi (17 Bar)
- Vacuum Rating: 1/2” to 4” -29.9” Hg
- Fittings meet ASME B31.1 & B31.3 and are guaranteed to a helium leak rate of 1×10^{-7} scc/sec
- **PLHT Fittings/PLH Valves:** Are supplied CFOS (cleaned for O2 service) and conform to CGA G4.1 & NFPA 99C specifications. Viton O-ring is standard. **Valves & fittings go through additional ultrasonic cleaning process step in cleanroom to remove particles.** Parts are individually bagged in pink colored bags. Ideally suited for inert, high purity gas systems.
- **PLT Fittings/PL Valves:** Are supplied with EPDM O-rings. Valves & fittings are bagged in clear poly bags. This series is ideally suited for PCW applications.
- Fittings/valves are individually bagged
- O-rings come standard Pre-lubed with Evans 111 high purity Oxygen compatible lubrication
- All Presslok fittings go through a proprietary solution annealing process that results in a passivated stainless product that is in its most corrosion resistant condition.
- Presslok Valves and Fittings have a 25 Ra μ m ID finish

Evans PLT Series Presslok™, is an innovative tube size press system offering economy, speed, and reliability for joining 304/316L tube for high purity/general industrial air, inert gas, process cooling water, vacuum exhaust and other low pressure general service installations.

The Evans PLT Series Presslok™ system **eliminates welding** when joining 1/2” - 4” (15 - 100 mm) components through newly developed tube sized Presslok™ couplings, elbows, tees, reducers, adapters and valves.

Evans offers one of the industries **smallest/lightest, portable, hand-held Li-ion rechargeable battery tools** on the market. These tools are used to connect fittings to tube with a permanent mechanical attachment in seconds. The tools are ideally suited for

the demanding needs of the Semiconductor Industry where space is at a premium.

The Evans PLHT Series Presslok™ System has met **industry standard** pressure, vacuum helium leak and particle tests, is ideally suited for CFOS grade high purity UN2, CDA, Argon and other inert gas applications and is only available with Viton O-rings.

Evans PLT Series Presslok™ has been qualified to ASTM F1387 Testing of Mechanically Attached Fittings. Testing included Pneumatic Proof, Hydrostatic Proof, Impulse, Flexure Fatigue, Tensile Pull, and Hydrostatic Burst Testing. Copies of these test results can be provided upon request, please contact your local area distributor.

The preferred method... compared to welding/ compression



Compared to Welding

- Field dry fit prior to crimping
- Significant labor savings
- Eliminate need for Argon gas
- Less QA, no coupons
- No "Hot Work Permits"
- Notable installed cost savings
- Scarce skilled labor can be redirected to other parts of project

Compared to PVC

- Unprecedented speed and ease of assembly, no gluing
- Reduce downtime during tool retrofits and/or modifications
- More Robust
- Meets ASTM E84 surface burning characteristics for materials used in plenums

Fast

- Portable tools press a tube joint in less than 5 seconds
- Compact / lightweight pressing tools speed up installation vs. competitive products available on the market
- New 22V rechargeable light weight pressing tools last 50% longer than older style designs

Total cost (material + labor) per fitting for 4 connector types

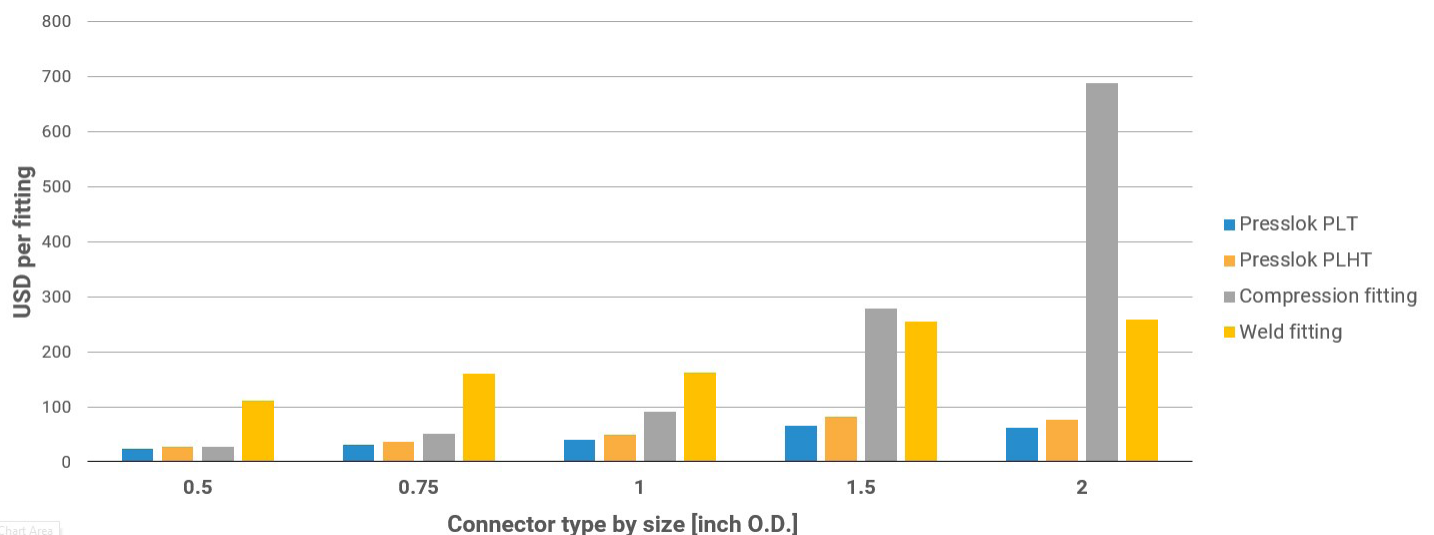


Chart Area

The preferred method... compared to welding/compression



Estimating Assumptions:

Data Provided by Ralph Cohen Consultancy

The estimating method is based on 100 linear feet of tube and including a number of different type and quantity of fittings (e.g. 90 degree elbows, tees, connectors) defined as “moderate density” that is representative of a typical construction project.

Moderate Density Installation:

(e.g. 1” basis = 100 ft tube, 10 – 90’s, 5 – tee’s, 4 – connectors.
2” basis = 100 ft tube, 7 – 90’s, 4 – tee’s, 3 – connectors)

Cost per linear foot and man-hour labor is calculated using standard RS Means rates, with a productivity rate of 1.0 at \$55.00/hr. Evans analysis represents material costs typically seen on large construction projects. Estimates only represent the material, labor and purge gas costs to fabricate the piping system.

This price comparison is based on general information furnished by third parties to Evans, and is offered as an approximation of marketplace conditions. Independent contractor procurement practices can influence the range of this comparison, so it’s use is intended for informational purposes only.

Refer to pg. 3

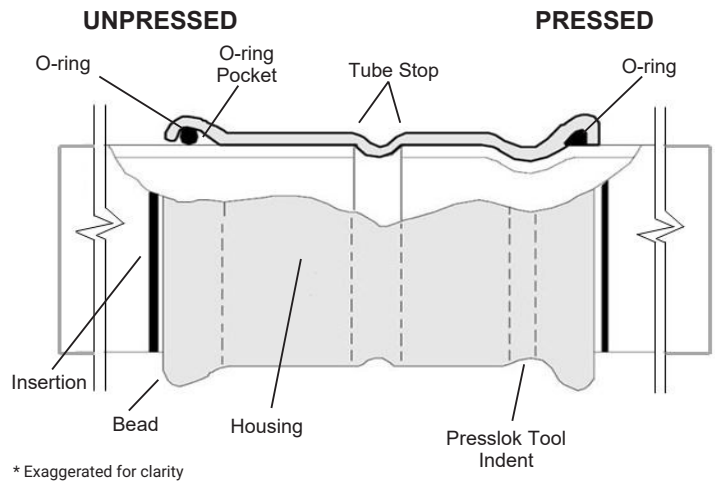
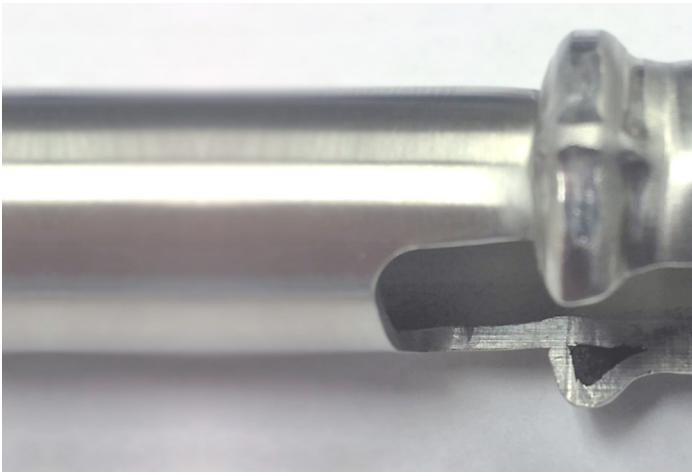
The Evans Presslok System

Recommended Tubing Information

| ASTM A269 Tube - Inches/mm | | | | Aprx. Tube* Weight Per Ft. Lbs./kg |
|----------------------------|----------------------------|-----------------|----------------|------------------------------------|
| Tube Size In./mm | Actual Outside Dia. In./mm | Inside Diameter | Wall Thickness | |
| 1/2 12,7 | 0.500 12,7 | 0.402 10,2 | 0.049 1,24 | 0.5 0,2 |
| 3/4 19,05 | .750 19,05 | 0.620 15,7 | 0.065 1,65 | 0.6 0,3 |
| 1 25,4 | 1.00 25,4 | .870 22,1 | 0.065 1,65 | 0.8 0,4 |
| 1-1/2 38,1 | 1.50 38,1 | 1.370 34,8 | 0.065 1,65 | 1.1 0,5 |
| 2 50,8 | 2.00 50,8 | 1.870 47,5 | 0.065 1,65 | 1.4 0,6 |
| 2.5 63,5 | 2.50 63,5 | 2.37 60,2 | 0.065 1,65 | 1.8 0,82 |
| 3 76,2 | 3.00 76,2 | 2.87 72,9 | 0.065 1,65 | 2.2 1,0 |
| 4 101,6 | 4.00 101,6 | 3.83 97,2 | 0.083 2,11 | 2.7 1,22 |

C/F: Consult Factory

High Performance Seal



O-ring

The precisely molded synthetic rubber o-ring compresses against the tube O.D. and inner housing for a lifelong, leak-tight seal. Grade "V" Viton (Blue stripe) is rated for -15°F to $+400^{\circ}\text{F}$ (-26°C to $+205^{\circ}\text{C}$), Grade EPDM (No color) is rated for -65°F to $+300^{\circ}\text{F}$ (-54°C to $+150^{\circ}\text{C}$). NOTE: Evans PLT products must be used only on services compatible with O-ring and fitting materials.

Lubricant

Evans PLT Series fittings are supplied with pre-lubricated O-rings. The PLT Series is lubricated with Evans 111 high purity Teflon based lube. This proprietary lubricant contains no hydrocarbons, is oxygen compatible, and has a vapor pressure rating of 10-7 torr. Evans 111 lubricant is ideally suited for the demanding applications commonly found in the Semiconductor, Industrial, TFT/LCD, and Bio-Pharmaceutical Industries where purity, low out-gassing and long-term O-ring reliability is critical.

Housing

Precision formed of 304L stainless steel with a 25 Ra μin ID finish, the housing incorporates the O-ring and a tube stop. The unique design provides permanent engagement onto the tube when pressed with the Evans PLT tool. Using Evans compact press tools, available adapters and space saver fittings the Evans fitting system allows for easy field makeup of fitting combinations for reduction of mechanical components and space.

Tubing

ASTM A269 304L or 316L seamless or welded (depending on outer diameter) CFOS grade or general purpose tube guarantee uniform, high quality press connections when assembling the system. Evans Presslok installations are guaranteed for 5-years when using recommended tube (Includes JIS 3447 G), Reduced 1-year guarantee if using un-recommended tube.

Tube Insertion Gauge

Enables visual verification of full tube insertion to ensure proper installation.

Go/No Gauge

Enables visual inspection of pressed area on OD of fitting to confirm full press of joint. NOTE: MARK THE TUBE! Tube end must be inserted into full contact with the tube stop to ensure full joint integrity. Always refer to the latest published Tool Operation and Assembly Manual.





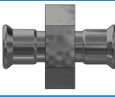












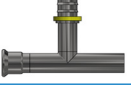


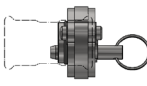
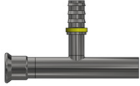







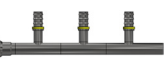



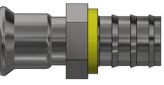







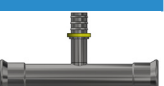

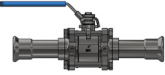





O-ring Pocket

Sized to contain the O-ring before assembly, the pocket is deformed around the O-ring during the pressing operation to fully surround and compress it for complete leak-free sealing.

Presslok Tool Indent

The Evans PLT tool jaws engage the entire circumference of the bead on the fitting housing and uniformly compress it to indent the tube and provide a secure attachment of tube to fitting. Tube must be fully inserted into fitting to achieve proper assembly. The mechanical retention of the joint is through the press tool indent. The O-ring seal is separate and is a completely encapsulated static seal. The two function independently of one another.

The Evans PLT/PLHT Series Fitting Index

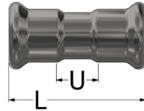
| | | | |
|---|---|---|--|
| 508 7 Slip Coupling  | 565U 25 PL X ANSI 150# Non-Rotatable  | 583 21 PL X Tube Reducer  | 597 7 Coupling  |
| 521 22 PL Union  | 566 24 PL X ANSI 150# 90° Elbow Rotatable  | 586 10 90° Elbow  | 597PV 9 Viega Press x Presslok Coupling  |
| 522 22 PL X PVC Union  | 566DV 24 PL X ANSI 150# 90° Elbow w/ Drain Valve Rotatable  | 586SS 19 90° Elbow S.S.  | 597SS 19 Coupling S.S.  |
| 550 13 Tee X Presslok Reducing Tee  | 567 25 ANSI 150# X Tube Reducer Non-Rotatable  | 590 9 PL X MBSPT Adapter  | 598 9 PL X FBSPT Adapter  |
| 555 9 Cap  | 571 17 PL x HB Tee S.S.  | 591 10 45° Elbow  | 599 8 PL X FNPT Adapter  |
| 555PP 7 Removable Plug  | 572 17 PL X HB Reducing Tee S.S.  | 591SS 19 45° Elbow S.S.  | 599SS 20 PL X FNPT Adapter S.S.  |
| 560 14 Concentric Reducer  | 573 18 PL X 2X HB Reducing Tee S.S.  | 592 13 PL Tee  | 722 28 PL X KF Adapter  |
| 562 27 PL X JIS 10k Flange Non-Rotatable  | 574 18 PL X 3X HB Reducing Tee S.S.  | 593 11 PL Reducing Tee  | 726SS 28 PL X KF Adapter S.S.  |
| 563 26 PL X PN10 Flange Non-Rotatable  | 576 15 PL X HB Adapter  | 594 12 PL X FNPT Reducing Tee  | 727 29 PL X KF 90° Elbow  |
| 564 26 PL X PN16 Flange Non-Rotatable  | 577 15 PL X HB 90° Elbow  | 595 8 PL X SCH10 Pipe Adapter  | 730 29 PL X KF 45° Elbow  |
| 565 23 PL X ANSI 150# Rotatable  | 578 16 PL X HB Reducing Tee  | 596 8 PL X MNPT Adapter  | VALVES 30-42 PL Series Valves  |
| 565DV 23 PL X ANSI 150# w/ Drain Valve Rotatable  | 582 21 PL X Tube Reducer  | 596SS 20 PL X MNPT Adapter S.S.  | TOOLS 43-46 PL Series Press Tools & Accessories  |
| 565SS 25 ANSI 150# S.S. Rotatable  | | | |

The Evans Presslok System

Dimensional / Ordering Information

Style 597

Standard Coupling



| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|----------------|---------------|---------------------|--------------|---------------------|
| | | mm | | |
| | | L | U | oz. / gm |
| PLT-08-597-M-* | 1/2 12,7 | 2.17 55.2 | 0.55 13.8 | 0.9 26 |
| PLT-12-597-M-* | 3/4 19,05 | 2.50 63.4 | 0.70 17.8 | 2.0 57 |
| PLT-16-597-M-* | 1 25,4 | 2.94 74.7 | 1.02 25.9 | 3.1 87 |
| PLT-24-597-M-* | 1-1/2 38,1 | 3.20 81.3 | 1.02 25.9 | 5.0 141 |
| PLT-32-597-M-* | 2 50,8 | 4.30 109.3 | 1.24 31.7 | 9.1 259 |
| PLT-40-597-M-* | 2-1/2 63,5 | 5.68 144.3 | 1.04 26.4 | 14.3 404 |
| PLT-48-597-M-* | 3 76,2 | 6.27 159.3 | 1.07 27.5 | 19.0 539 |
| PLT-64-597-M-* | 4 101,6 | 7.57 192.3 | 1.75 44.7 | 39.6 1121 |

Style 508

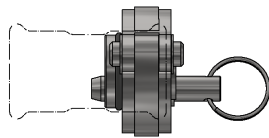
Standard Slip-Coupling



| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|----------------|---------------|---------------------|--------------|---------------------|
| | | mm | | |
| | | L | oz. / gm | |
| PLT-08-508-M-* | 1/2 12,7 | 4.16 105.7 | 1.6 45 | |
| PLT-12-508-M-* | 3/4 19,05 | 4.20 106.7 | 3.4 98 | |
| PLT-16-508-M-* | 1 25,4 | 4.95 125.7 | 5.3 149 | |
| PLT-24-508-M-* | 1-1/2 38,1 | 5.56 141.2 | 8.6 243 | |
| PLT-32-508-M-* | 2 50,8 | 7.66 194.6 | 15.7 444 | |
| PLT-40-508-M-* | 2-1/2 63,5 | 9.88 250.8 | 24.7 701 | |
| PLT-48-508-M-* | 3 76,2 | 10.88 276.2 | 32.9 933 | |
| PLT-64-508-M-* | 4 101,6 | 13.25 336.6 | 68.5 1942 | |

Style 555PP

Removable Plug



| Part Number | SIZE | Approx. Weight Each | |
|------------------|---------------|---------------------|--|
| | | oz. / gm | |
| PLT-24-555PP-M-* | 1-1/2 38,1 | C/F C/F | |
| PLT-32-555PP-M-* | 2 50,8 | C/F C/F | |



Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

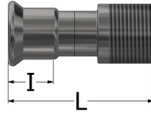
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Presslok™ System

Style 596

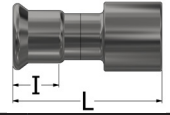
Male NPT Adapter



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|-------------------|---------------------------|------------------------|--------------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-08-596-M-* | 1/2 12,7 | 2.74 69.6 | 0.83 21.2 | 2.7 74 |
| PLT-12-12-596-M-* | 3/4 19,05 | 2.86 72.6 | 0.88 22.4 | 4.1 120 |
| PLT-12-08-596-M-* | 3/4 x 1/2 19,05 x 12,7 | 3.18 80.8 | 0.88 22.4 | 3.4 96 |
| PLT-16-16-596-M-* | 1 25,4 | 3.22 81.8 | 0.95 24.1 | 6.0 170 |
| PLT-16-12-596-M-* | 1 x 3/4 25,4 x 19,08 | 3.42 86.9 | 0.95 24.1 | 4.8 136 |
| PLT-24-24-596-M-* | 1-1/2 38,1 | 3.38 85.9 | 0.98 24.8 | 10.6 290 |
| PLT-24-16-596-M-* | 1-1/2 x 1 38,1 x 25,4 | 4.32 109.7 | 0.98 24.8 | 8.2 232 |
| PLT-32-32-596-M-* | 2 50,8 | 4.09 103.9 | 1.52 38.5 | 14.5 410 |
| PLT-32-24-596-M-* | 2 x 1-1/2 50,8 x 38,1 | 6.69 169.9 | 1.52 38.5 | 17.0 480 |

Style 599

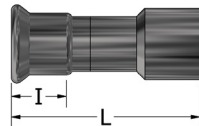
Female Threaded NPT Adapter



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|-------------------|---------------------------|------------------------|--------------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-08-599-M-* | 1/2 12,7 | 2.74 69.6 | 0.83 21.2 | 2.3 66 |
| PLT-12-12-599-M-* | 3/4 19,05 | 2.86 72.6 | 0.88 22.4 | 3.2 90 |
| PLT-12-08-599-M-* | 3/4 x 1/2 19,05 x 12,7 | 1.89 48.0 | 0.88 22.4 | 2.2 62 |
| PLT-16-16-599-M-* | 1 25,4 | 3.23 82.0 | 0.95 24.1 | 6.2 175 |
| PLT-16-12-599-M-* | 1 x 3/4 25,4 x 19,08 | 2.19 55.7 | 0.95 24.1 | 3.6 102 |
| PLT-24-24-599-M-* | 1-1/2 38,1 | 3.38 85.9 | 0.98 24.8 | 9.2 260 |
| PLT-24-16-599-M-* | 1-1/2 x 1 38,1 x 25,4 | 2.43 61.7 | 0.98 24.8 | 5.3 150 |
| PLT-32-32-599-M-* | 2 50,8 | 4.04 102.6 | 1.52 38.5 | 14.1 400 |
| PLT-32-24-599-M-* | 2 x 1-1/2 50,8 x 38,1 | 3.31 84.1 | 1.52 38.5 | 11.4 320 |

Style 595

SCH10 Pipe Adapter



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|---------------|------------------------|--------------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-595-G-* | 1/2 12,7 | 3.12 79.1 | 0.83 21.2 | 3.8 108 |
| PLT-12-595-G-* | 3/4 19,05 | 3.22 81.8 | 0.88 22.4 | 5.7 162 |
| PLT-16-595-G-* | 1 25,4 | 3.44 87.4 | 0.95 24.1 | 9.2 261 |
| PLT-24-595-G-* | 1-1/2 38,1 | 3.60 91.4 | 0.98 24.8 | 15.0 425 |

| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|---------------|------------------------|--------------|---------------------|
| | | L | I | oz. / gm |
| PLT-32-595-G-* | 2 50,8 | 4.24 107.7 | 1.52 38.5 | 19.8 562 |
| PLT-40-595-G-* | 2-1/2 63,5 | 4.74 120.4 | 2.32 58.8 | 25.1 712 |
| PLT-48-595-G-* | 3 76,2 | 5.16 130.9 | 2.57 65.3 | 37.4 1060 |
| PLT-64-595-G-* | 4 101,6 | 5.80 147.3 | 2.91 73.9 | 62.5 1770 |

* Insert: Preferred O-ring Material
E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

Dimensions are +/-0.2"

C/F: Consult Factory

The Evans PLT/PLHT Series Presslok™ System

Style 590

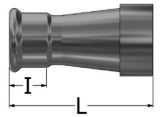
Male BSPT x Presslok



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|---------------|---------------------------|--------------|------------------------|
| | | L | I | oz. / gm |
| PLT-08-590-M-* | 1/2 12,7 | C/F C/F | 0.83 21.2 | C/F C/F |
| PLT-12-590-M-* | 3/4 19,05 | C/F C/F | 0.88 22.4 | C/F C/F |
| PLT-16-590-M-* | 1 25,4 | C/F C/F | 0.95 24.1 | C/F C/F |
| PLT-24-590-M-* | 1-1/2 38,1 | C/F C/F | 0.98 24.8 | C/F C/F |
| PLT-32-590-M-* | 2 50,8 | C/F C/F | 1.52 38.5 | C/F C/F |

Style 598

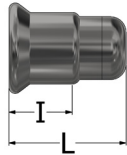
Female BSPT x Presslok



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|---------------|---------------------------|--------------|------------------------|
| | | L | I | oz. / gm |
| PLT-08-598-M-* | 1/2 12,7 | C/F C/F | 0.83 21.2 | C/F C/F |
| PLT-12-598-M-* | 3/4 19,05 | C/F C/F | 0.88 22.4 | C/F C/F |
| PLT-16-598-M-* | 1 25,4 | C/F C/F | 0.95 24.1 | C/F C/F |
| PLT-24-598-M-* | 1-1/2 38,1 | C/F C/F | 0.98 24.8 | C/F C/F |
| PLT-32-598-M-* | 2 50,8 | C/F C/F | 1.52 38.5 | C/F C/F |

Style 555

CAP



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|---------------|---------------------------|--------------|------------------------|
| | | L | I | oz. / gm |
| PLT-08-555-M-* | 1/2 12,7 | 1.37 34.7 | 0.83 21.2 | 0.6 17 |
| PLT-12-555-M-* | 3/4 19,05 | 1.54 39.2 | 0.88 22.4 | 1.2 35 |
| PLT-16-555-M-* | 1 25,4 | 1.85 47.1 | 0.95 24.1 | 2.0 56 |
| PLT-24-555-M-* | 1-1/2 38,1 | 2.19 55.7 | 0.98 24.8 | 3.4 97 |
| PLT-32-555-M-* | 2 50,8 | 3.03 77.0 | 1.52 38.5 | 6.3 180 |
| PLT-40-555-M-* | 2-1/2 63,5 | 3.47 88.1 | 2.32 58.8 | 9.6 271 |
| PLT-48-555-M-* | 3 76,2 | 4.41 111.9 | 2.57 65.3 | 14.6 414 |
| PLT-64-555-M-* | 4 101,6 | 5.30 134.6 | 2.91 73.9 | 28.0 794 |

Style 597PV

Vienga Propress x
Presslok Coupling



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|------------------|---------------|---------------------------|--------------|------------------------|
| | | L | I | oz. / gm |
| PLT-08-597PV-M-* | 1/2 12,7 | 3.35 85.1 | 0.83 21.2 | C/F C/F |
| PLT-12-597PV-M-* | 3/4 19,05 | 3.84 97.5 | 0.88 22.4 | C/F C/F |
| PLT-16-597PV-M-* | 1 25,4 | 4.16 105.7 | 0.95 24.1 | C/F C/F |
| PLT-24-597PV-M-* | 1-1/2 38,1 | 4.97 126.2 | 0.98 24.8 | C/F C/F |
| PLT-32-597PV-M-* | 2 50,8 | 6.46 164.1 | 1.52 38.5 | C/F C/F |
| PLT-48-597PV-M-* | 3 76,2 | 9.16 232.7 | 2.57 65.3 | C/F C/F |
| PLT-64-597PV-M-* | 4 101,6 | 10.98 278.9 | 2.91 73.9 | C/F C/F |

The Evans PLT/PLHT Series Presslok™ System

Style 591

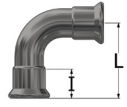
45° Elbow



| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|----------------|-------|---------------------|------|---------------------|
| | | L | I | |
| PLT-08-591-M-* | 1/2 | 1.94 | 0.85 | 1.3 |
| | 12,7 | 49.1 | 21.5 | 38 |
| PLT-12-591-M-* | 3/4 | 1.87 | 0.85 | 2.9 |
| | 19,05 | 47.6 | 21.6 | 82 |
| PLT-16-591-M-* | 1 | 1.91 | 1.02 | 3.7 |
| | 25,4 | 48.5 | 25.8 | 106 |
| PLT-24-591-M-* | 1-1/2 | 2.18 | 1.15 | 6.0 |
| | 38,1 | 55.2 | 29.1 | 170 |
| PLT-32-591-M-* | 2 | 2.44 | 1.62 | 9.7 |
| | 50,8 | 61.9 | 41.1 | 276 |
| PLT-40-591-M-* | 2-1/2 | 4.30 | 2.32 | 19.5 |
| | 63,5 | 109.3 | 58.9 | 552 |
| PLT-48-591-M-* | 3 | 5.02 | 2.59 | 27.2 |
| | 76,2 | 127.4 | 65.8 | 770 |
| PLT-64-591-M-* | 4 | 5.98 | 3.15 | 55.7 |
| | 101,6 | 151.9 | 80.0 | 1580 |

Style 586

90° Elbow



| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|----------------|-------|---------------------|------|---------------------|
| | | L | I | |
| PLT-08-586-M-* | 1/2 | 2.66 | 0.80 | 1.8 |
| | 12,7 | 67.6 | 20.4 | 50 |
| PLT-12-586-M-* | 3/4 | 2.63 | 0.86 | 3.6 |
| | 19,05 | 66.7 | 21.9 | 102 |
| PLT-16-586-M-* | 1 | 2.60 | 1.10 | 4.4 |
| | 25,4 | 66.0 | 28.0 | 124 |
| PLT-24-586-M-* | 1-1/2 | 3.47 | 1.14 | 8.0 |
| | 38,1 | 88.2 | 28.9 | 228 |
| PLT-32-586-M-* | 2 | 4.30 | 1.47 | 13.5 |
| | 50,8 | 109.2 | 37.3 | 384 |
| PLT-40-586-M-* | 2-1/2 | 6.38 | 2.35 | 26.0 |
| | 63,5 | 162.1 | 59.8 | 738 |
| PLT-48-586-M-* | 3 | 7.80 | 2.55 | 36.7 |
| | 76,2 | 198.1 | 64.8 | 1040 |
| PLT-64-586-M-* | 4 | 9.78 | 3.12 | 77.2 |
| | 101,6 | 248.4 | 79.2 | 2188 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

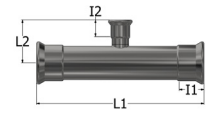
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Presslok™ System

Style 593

Tee Reducing Branch



| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|-------------------|------------------------------|---------------------------|--------------|--------------|--------------|---------------------------------|
| | | L1 | L2 | I1 | I2 | |
| PLT-12-08-593-M-* | 3/4 x 1/2 19,05 x 12,7 | 6.37 161.8 | 1.52 38.7 | 0.88 22.4 | 0.83 21.2 | 5.1 145 |
| PLT-16-08-593-M-* | 1 x 1/2 25,4 x 12,7 | 7.00 177.8 | 1.67 42.3 | 0.95 24.1 | 0.83 21.2 | 7.3 208 |
| PLT-16-12-593-M-* | 1 x 3/4 25,4 x 19,05 | 7.00 177.8 | 1.78 45.2 | 0.95 24.1 | 0.88 22.4 | 7.9 223 |
| PLT-24-08-593-M-* | 1-1/2 x 1/2 38,1 x 12,7 | 7.88 200.2 | 1.95 49.4 | 0.98 24.8 | 0.83 21.2 | 11.9 339 |
| PLT-24-12-593-M-* | 1-1/2 x 3/4 38,1 x 19,05 | 7.88 200.2 | 2.07 52.6 | 0.98 24.8 | 0.88 22.4 | 12.5 354 |
| PLT-24-16-593-M-* | 1-1/2 x 1 38,1 x 25,4 | 7.88 200.2 | 2.28 57.9 | 0.98 24.8 | 0.95 24.1 | 13.0 369 |
| PLT-32-08-593-M-* | 2 x 1/2 50,8 x 12,7 | 10.05 255.3 | 2.15 54.6 | 1.52 38.5 | 0.83 21.2 | 20.3 576 |
| PLT-32-12-593-M-* | 2 x 3/4 50,8 x 19,08 | 10.05 255.3 | 2.33 59.2 | 1.52 38.5 | 0.88 22.4 | 20.9 591 |
| PLT-32-16-593-M-* | 2 x 1 50,8 x 25,6 | 10.05 255.3 | 2.57 65.3 | 1.52 38.5 | 0.95 24.1 | 21.4 606 |
| PLT-32-24-593-M-* | 2 x 1-1/2 50,8 x 38,1 | 10.05 255.3 | 2.73 69.3 | 1.52 38.5 | 0.98 24.8 | 22.4 634 |
| PLT-40-12-593-M-* | 2-1/2 x 3/4 63,5 x 19,05 | 11.70 297.2 | 2.52 63.9 | 2.32 58.8 | 0.88 22.4 | 29.7 841 |
| PLT-40-16-593-M-* | 2-1/2 x 1 63,5 x 25,4 | 11.70 297.2 | 2.76 70.0 | 2.32 58.8 | 0.95 24.1 | 30.2 856 |
| PLT-40-24-593-M-* | 2-1/2 x 1-1/2 63,5 x 68,1 | 11.70 297.2 | 2.92 74.0 | 2.32 58.8 | 0.98 24.8 | 31.2 884 |

| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|-------------------|---------------------------|---------------------------|---------------|--------------|--------------|---------------------------------|
| | | L1 | L2 | I1 | I2 | |
| PLT-40-32-593-M-* | 2-1/2 x 2 63,5 x 50,8 | 11.70 297.2 | 3.57 90.6 | 2.32 58.8 | 1.52 38.5 | 33.3 945 |
| PLT-48-12-593-M-* | 3 x 3/4 76,2 x 19,05 | 13.00 330.2 | 2.93 74.4 | 2.57 65.3 | 0.88 22.4 | 39.1 1109 |
| PLT-48-16-593-M-* | 3 x 1 76,2 x 25,4 | 13.00 330.2 | 3.12 79.2 | 2.57 65.3 | 0.95 24.1 | 39.6 1124 |
| PLT-48-24-593-M-* | 3 x 1-1/2 76,2 x 38,1 | 13.00 330.2 | 3.28 83.3 | 2.57 65.3 | 0.98 24.8 | 40.6 1152 |
| PLT-48-32-593-M-* | 3 x 2 76,2 x 50,4 | 13.00 330.2 | 3.98 101.1 | 2.57 65.3 | 1.52 38.5 | 42.8 1213 |
| PLT-48-40-593-M-* | 3 x 2-1/2 76,2 x 63,5 | 13.00 330.2 | 4.44 112.8 | 2.57 65.3 | 2.32 58.8 | 46.3 1313 |
| PLT-64-12-593-M-* | 4 x 3/4 101,6 x 19,05 | 15.61 396.5 | 3.43 87.1 | 2.91 73.9 | 0.88 22.4 | 63.3 1793 |
| PLT-64-16-593-M-* | 4 x 1 101,6 x 25,4 | 15.61 396.5 | 3.67 93.2 | 2.91 73.9 | 0.95 24.1 | 63.8 1808 |
| PLT-64-24-593-M-* | 4 x 1-1/2 101,6 x 68,1 | 15.61 396.5 | 3.78 96.0 | 2.91 73.9 | 0.98 24.8 | 64.8 1836 |
| PLT-64-32-593-M-* | 4 x 2 101,6 x 50,8 | 15.61 396.5 | 4.48 113.8 | 2.91 73.9 | 1.52 38.5 | 66.9 1897 |
| PLT-64-40-593-M-* | 4 x 2-1/2 101,6 x 63,5 | 15.61 396.5 | 4.94 125.5 | 2.91 73.9 | 2.32 58.8 | 68.4 1939 |
| PLT-64-48-593-M-* | 4 x 3 101,6 x 76,2 | 15.61 396.5 | 5.36 136.0 | 2.91 73.9 | 2.57 65.3 | 72.0 2042 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

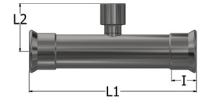
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Presslok™ System

Style 594

Tee x FNPT Reducing Branch



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|-------------------|------------------------------|---------------------------|--------------|--------------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-12-08-594-M-* | 3/4 x 1/2 19,05 x 12,7 | 6.37 161.8 | 2.03 51.5 | 0.88 22.4 | 6.8 193 |
| PLT-16-08-594-M-* | 1 x 1/2 25,4 x 12,7 | 7.00 177.8 | 2.17 55.1 | 0.95 24.1 | 9.1 258 |
| PLT-16-12-594-M-* | 1 x 3/4 25,4 x 19,05 | 7.00 177.8 | 2.18 55.2 | 0.95 24.1 | 9.5 269 |
| PLT-24-08-594-M-* | 1-1/2 x 1/2 38,1 x 12,7 | 7.88 200.2 | 2.45 62.2 | 0.98 24.8 | 13.8 391 |
| PLT-24-12-594-M-* | 1-1/2 x 3/4 38,1 x 19,05 | 7.88 200.2 | 2.47 62.6 | 0.98 24.8 | 14.2 403 |
| PLT-24-16-594-M-* | 1-1/2 x 1 38,1 x 25,4 | 7.88 200.2 | 2.57 65.3 | 0.98 24.8 | 16.7 473 |
| PLT-32-08-594-M-* | 2 x 1/2 50,8 x 12,7 | 10.05 255.3 | 2.66 67.4 | 1.52 38.5 | 22.3 632 |
| PLT-32-12-594-M-* | 2 x 3/4 50,8 x 19,08 | 10.05 255.3 | 2.73 69.2 | 1.52 38.5 | 22.7 644 |
| PLT-32-16-594-M-* | 2 x 1 50,8 x 25,6 | 10.05 255.3 | 2.86 72.6 | 1.52 38.5 | 25.3 717 |
| PLT-32-24-594-M-* | 2 x 1-1/2 50,8 x 38,1 | 10.05 255.3 | 2.85 72.4 | 1.52 38.5 | 27.6 782 |
| PLT-40-12-594-M-* | 2-1/2 x 3/4 63,5 x 19,05 | 11.70 297.2 | 2.91 73.9 | 2.32 58.8 | 31.6 896 |
| PLT-40-16-594-M-* | 2-1/2 x 1 63,5 x 25,4 | 11.70 297.2 | 3.05 77.3 | 2.32 58.8 | 34.2 970 |
| PLT-40-24-594-M-* | 2-1/2 x 1-1/2 63,5 x 68,1 | 11.70 297.2 | 3.04 77.1 | 2.32 58.8 | 36.4 1032 |

| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|-------------------|---------------------------|---------------------------|---------------|--------------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-40-32-594-M-* | 2-1/2 x 2 63,5 x 50,8 | 11.70 297.2 | 3.05 77.3 | 2.32 58.8 | 39.2 1111 |
| PLT-48-12-594-M-* | 3 x 3/4 76,2 x 19,05 | 13.00 330.2 | 3.33 84.5 | 2.57 65.3 | 41.6 1179 |
| PLT-48-16-594-M-* | 3 x 1 76,2 x 25,4 | 13.00 330.2 | 3.41 86.6 | 2.57 65.3 | 44.1 1250 |
| PLT-48-24-594-M-* | 3 x 1-1/2 76,2 x 38,1 | 13.00 330.2 | 3.40 86.4 | 2.57 65.3 | 46.3 1313 |
| PLT-48-32-594-M-* | 3 x 2 76,2 x 50,4 | 13.00 330.2 | 3.46 87.9 | 2.57 65.3 | 49.3 1398 |
| PLT-48-40-594-M-* | 3 x 2-1/2 76,2 x 63,5 | 13.00 330.2 | 3.95 100.3 | 2.57 65.3 | 64.4 1826 |
| PLT-64-12-594-M-* | 4 x 3/4 101,6 x 19,05 | 15.61 396.5 | 3.83 97.2 | 2.91 73.9 | 84.4 2393 |
| PLT-64-16-594-M-* | 4 x 1 101,6 x 25,4 | 15.61 396.5 | 3.96 100.6 | 2.91 73.9 | 86.9 2464 |
| PLT-64-24-594-M-* | 4 x 1-1/2 101,6 x 68,1 | 15.61 396.5 | 3.90 99.1 | 2.91 73.9 | 89.1 2526 |
| PLT-64-32-594-M-* | 4 x 2 101,6 x 50,8 | 15.61 396.5 | 3.96 100.6 | 2.91 73.9 | 91.9 2605 |
| PLT-64-40-594-M-* | 4 x 2-1/2 101,6 x 63,5 | 15.61 396.5 | 4.45 113.0 | 2.91 73.9 | 104.1 2951 |
| PLT-64-48-594-M-* | 4 x 3 101,6 x 76,2 | 15.61 396.5 | 4.70 119.4 | 2.91 73.9 | 106.7 3025 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

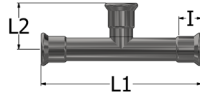
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Presslok™ System

Style 592

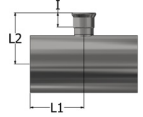
Tee



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|----------------|-------|---------------------------|-------|------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-08-592-M-* | 1/2 | 5.98 | 1.47 | 0.83 | 2.6 |
| | 12,7 | 151.9 | 37.2 | 21.2 | 73 |
| PLT-12-592-M-* | 3/4 | 6.37 | 1.65 | 0.88 | 5.4 |
| | 19,05 | 161.8 | 42.0 | 22.4 | 154 |
| PLT-16-592-M-* | 1 | 7.00 | 2.02 | 0.95 | 8.1 |
| | 25,4 | 177.8 | 51.3 | 24.1 | 229 |
| PLT-24-592-M-* | 1-1/2 | 7.88 | 2.46 | 0.98 | 13.5 |
| | 38,1 | 200.2 | 62.4 | 24.8 | 382 |
| PLT-32-592-M-* | 2 | 10.05 | 3.38 | 1.52 | 23.6 |
| | 50,8 | 255.3 | 85.9 | 38.5 | 669 |
| PLT-40-592-M-* | 2-1/2 | 11.70 | 4.14 | 2.32 | 34.3 |
| | 63,5 | 297.2 | 105.0 | 58.8 | 973 |
| PLT-48-592-M-* | 3 | 13.00 | 4.86 | 2.57 | 46.1 |
| | 76,2 | 330.2 | 123.3 | 65.3 | 1307 |
| PLT-64-592-M-* | 4 | 15.61 | 6.00 | 2.91 | 79.3 |
| | 101,6 | 396.5 | 152.4 | 73.9 | 2248 |

Style 550

Tee (T x P) Reducing Branch



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|--------------------|---------------|---------------------------|-------|------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-96-24-550-M-* | 6 x 1-1/2 | 5.27 | 4.65 | 0.98 | 61.8 |
| | 152,4 x 38,1 | 142.9 | 118.1 | 24.8 | 1752 |
| PLT-96-32-550-M-* | 6 x 2 | 5.27 | 5.22 | 1.52 | 63.9 |
| | 152,4 x 50,8 | 142.9 | 132.5 | 38.5 | 1812 |
| PLT-96-48-550-M-* | 6 x 3 | 5.27 | 6.18 | 2.57 | 68.7 |
| | 152,4 x 76,2 | 142.9 | 157.0 | 65.3 | 1948 |
| PLT-96-64-550-M-* | 6 x 4 | 5.27 | 6.88 | 2.91 | 79.1 |
| | 152,4 x 101,6 | 142.9 | 174.8 | 73.9 | 2242 |
| PLT-96G-24-550-M-* | 6.625 x 1-1/2 | 5.27 | 4.96 | 0.98 | 131.8 |
| | 168,3 x 38,1 | 142.9 | 126.0 | 24.8 | 3736 |
| PLT-96G-32-550-M-* | 6.625 x 2 | 5.27 | 5.53 | 1.52 | 133.9 |
| | 168,3 x 50,8 | 142.9 | 140.5 | 38.5 | 3796 |
| PLT-96G-48-550-M-* | 6.625 x 3 | 5.27 | 6.49 | 2.57 | 138.7 |
| | 168,3 x 76,2 | 142.9 | 164.8 | 65.3 | 3932 |
| PLT-96G-64-550-M-* | 6.625 x 4 | 5.27 | 7.19 | 2.91 | 149.1 |
| | 168,3 x 101,6 | 142.9 | 182.6 | 73.9 | 4227 |

**96G Designator is 304L SCH10 Pipe Main

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

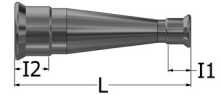
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Presslok™ System

Style 560

Concentric Reducer



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|-------------------|-----------------------------|---------------------------|--------------|--------------|---------------------------------|
| | | L | I1 | I2 | |
| PLT-12-08-560-M-* | 3/4 x 1/2 19,05 x 12,7 | 3.35 85.0 | 0.83 21.2 | 0.88 22.4 | 2.0 58 |
| PLT-16-08-560-M-* | 1 x 1/2 25,4 x 12,7 | 3.59 91.1 | 0.83 21.2 | 0.95 24.1 | 2.7 77 |
| PLT-16-12-560-M-* | 1 x 3/4 25,4 x 19,05 | 3.70 94.0 | 0.88 22.4 | 0.95 24.1 | 3.4 95 |
| PLT-24-08-560-M-* | 1-1/2 x 1/2 38,1 x 12,7 | 5.25 133.2 | 0.83 21.2 | 0.98 24.8 | 5.2 149 |
| PLT-24-12-560-M-* | 1-1/2 x 3/4 38,1 x 19,05 | 4.86 123.4 | 0.88 22.4 | 0.98 24.8 | 5.6 159 |
| PLT-24-16-560-M-* | 1-1/2 x 1 38,1 x 25,4 | 5.10 129.5 | 0.95 24.1 | 0.98 24.8 | 6.4 180 |
| PLT-32-08-560-M-* | 2 x 1/2 50,8 x 12,7 | 9.40 238.6 | 0.83 21.2 | 1.52 38.5 | 12.1 344 |
| PLT-32-12-560-M-* | 2 x 3/4 50,8 x 19,05 | 8.51 216.2 | 0.88 22.4 | 1.52 38.5 | 12.0 340 |
| PLT-32-16-560-M-* | 2 x 1 50,8 x 25,4 | 7.75 196.9 | 0.95 24.1 | 1.52 38.5 | 11.7 332 |
| PLT-32-24-560-M-* | 2 x 1-1/2 50,8 x 38,1 | 5.91 150.1 | 0.98 24.8 | 1.52 38.5 | 10.5 297 |
| PLT-40-12-560-M-* | 2-1/2 x 3/4 63,5 x 19,05 | 10.97 278.6 | 0.88 22.4 | 2.32 58.8 | 18.5 525 |
| PLT-40-16-560-M-* | 2-1/2 x 1 63,5 x 25,4 | 10.21 259.3 | 0.95 24.1 | 2.32 58.8 | 18.3 518 |

| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|-------------------|------------------------------|---------------------------|--------------|--------------|---------------------------------|
| | | L | I1 | I2 | |
| PLT-40-24-560-M-* | 2-1/2 x 1-1/2 63,5 x 38,1 | 8.37 212.6 | 0.98 24.8 | 2.32 58.8 | 17.0 482 |
| PLT-40-32-560-M-* | 2-1/2 x 2 63,5 x 50,8 | 7.02 178.3 | 1.52 38.5 | 2.32 58.8 | 15.9 451 |
| PLT-48-16-560-M-* | 3 x 1 76,2 x 25,4 | 12.63 320.7 | 0.95 24.1 | 2.57 65.3 | 26.1 739 |
| PLT-48-24-560-M-* | 3 x 1-1/2 76,2 x 38,1 | 10.79 273.9 | 0.98 24.8 | 2.57 65.3 | 24.8 704 |
| PLT-48-32-560-M-* | 3 x 2 76,2 x 50,8 | 9.44 239.6 | 1.52 38.5 | 2.57 65.3 | 23.8 675 |
| PLT-48-40-560-M-* | 3 x 2-1/2 76,2 x 63,5 | 7.90 200.7 | 2.32 58.8 | 2.57 65.3 | 22.0 623 |
| PLT-64-16-560-M-* | 4 x 1 101,6 x 25,4 | 17.27 438.7 | 0.95 24.1 | 2.91 73.9 | 49.5 1403 |
| PLT-64-24-560-M-* | 4 x 1-1/2 101,6 x 38,1 | 15.43 391.9 | 0.98 24.8 | 2.91 73.9 | 48.5 1375 |
| PLT-64-32-560-M-* | 4 x 2 101,6 x 50,8 | 14.08 357.6 | 1.52 38.5 | 2.91 73.9 | 47.2 1337 |
| PLT-64-40-560-M-* | 4 x 2-1/2 101,6 x 63,5 | 12.54 318.5 | 2.32 58.8 | 2.91 73.9 | 45.5 1290 |
| PLT-64-48-560-M-* | 4 x 3 101,6 x 76,2 | 10.96 278.3 | 2.57 65.3 | 2.91 73.9 | 43.1 1223 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

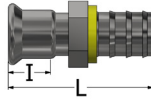
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

Hose Barb Adapter Fittings Dimensional / Ordering Information

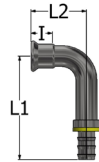
Style 576

Presslok X Hose Barb Adapter



Style 577

Presslok X Hose Barb 90° Elbow



| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|-------------------|---------------------------|---------------------|--------------|---------------------|
| | | mm | | |
| | | L | I | oz. / gm |
| PLT-08-576-M-* | 1/2 12,7 | 2.59 65.7 | 0.83 21.2 | 1.8 50 |
| PLT-12-08-576-M-* | 3/4 x 1/2 19,05 x 12,7 | 2.63 66.8 | 0.88 22.4 | C/F C/F |
| PLT-12-576-M-* | 3/4 19,05 | 3.32 84.3 | 0.88 22.4 | 4.4 124 |
| PLT-16-12-576-M-* | 1 x 3/4 25,4 x 19,05 | 3.30 83.7 | 0.95 24.1 | C/F C/F |
| PLT-16-576-M-* | 1 25,4 | 3.51 89.1 | 0.95 24.1 | 7.6 214 |
| PLT-24-16-576-M-* | 1-1/2 x 1 38,1 x 25,4 | 3.70 94.0 | 0.98 24.8 | C/F C/F |
| PLT-24-576-M-* | 1-1/2 38,1 | 3.73 94.7 | 0.98 24.8 | 8.9 252 |
| PLT-32-16-576-M-* | 2 x 1 50,8 x 25,4 | 6.33 160.8 | 1.52 38.5 | C/F C/F |
| PLT-32-24-576-M-* | 2 x 1-1/2 50,8 x 38,1 | 6.42 163.1 | 1.52 38.5 | C/F C/F |
| PLT-32-576-M-* | 2 50,8 | 4.64 117.8 | 1.52 38.5 | 12.8 362 |

| Part Number | SIZE | Dimensions - Inches | | | Approx. Weight Each |
|-------------------|------------------------------|---------------------|---------------|--------------|---------------------|
| | | mm | | | |
| | | L1 | L2 | I | oz. / gm |
| PLT-08-08-577-M-* | 1/2 x 1/2 12,7 x 12,7 | C/F C/F | 2.66 67.6 | 0.80 20.4 | C/F C/F |
| PLT-12-08-577-M-* | 3/4 x 1/2 19,05 x 12,7 | C/F C/F | 2.63 66.7 | 0.86 21.9 | C/F C/F |
| PLT-12-12-577-M-* | 3/4 x 3/4 19,05 x 19,05 | C/F C/F | 2.63 66.7 | 0.86 21.9 | C/F C/F |
| PLT-16-08-577-M-* | 1 x 1/2 25,4 x 12,7 | C/F C/F | 2.60 66.0 | 1.10 28.0 | C/F C/F |
| PLT-16-12-577-M-* | 1 x 3/4 25,4 x 19,05 | C/F C/F | 2.60 66.0 | 1.10 28.0 | C/F C/F |
| PLT-16-16-577-M-* | 1 x 1 25,4 x 25,4 | C/F C/F | 2.60 66.0 | 1.10 28.0 | C/F C/F |
| PLT-24-24-577-M-* | 1-1/2 x 1-1/2 38,1 x 38,1 | C/F C/F | 3.47 88.2 | 1.14 28.9 | C/F C/F |
| PLT-32-32-577-M-* | 2 x 2 50,8 x 50,8 | C/F C/F | 4.30 109.2 | 1.47 37.3 | C/F C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

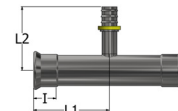
C/F: Consult Factory

Hose Barb Adapter Fittings

Dimensional / Ordering Information

Style 578

Presslok X Hose Barb Reducing Tee



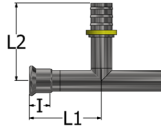
| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|-------------------|------------------------------|---------------------------|---------------|--------------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-08-04-578-M-* | 1/2 X 1/4 12.70 X 6.35 | 2.91 73.9 | 2.25 65.5 | 0.83 21.2 | 2.6 74 |
| PLT-08-06-578-M-* | 1/2 X 3/8 12.70 X 9.525 | 2.91 73.9 | 2.58 65.5 | 0.83 21.2 | 2.9 82 |
| PLT-08-08-578-M-* | 1/2 X 1/2 12.70 X 12.70 | 2.91 73.9 | 2.5 63.5 | 0.83 21.2 | 3.2 91 |
| PLT-12-04-578-M-* | 3/4 x 1/4 19.05 x 6.35 | 3.18 80.8 | 2.375 60.3 | 0.88 22.4 | 5.1 145 |
| PLT-12-06-578-M-* | 3/4 x 3/8 19.05 x 9.52 | 3.18 80.8 | 2.705 68.7 | 0.88 22.4 | 5.5 156 |
| PLT-12-08-578-M-* | 3/4 x 1/2 19.05 x 12.70 | 3.18 80.8 | 2.625 66.7 | 0.88 22.4 | 5.7 162 |
| PLT-12-12-578-M-* | 3/4 x 3/4 19.05 x 19.05 | 3.18 80.8 | 3.105 78.9 | 0.88 22.4 | 7.0 198 |
| PLT-16-04-578-M-* | 1 x 1/4 25.40 x 6.35 | 3.55 90.2 | 2.5 63.5 | 0.95 24.1 | 7.5 213 |
| PLT-16-06-578-M-* | 1 x 3/8 25.40 x 9.52 | 3.55 90.2 | 2.83 71.9 | 0.95 24.1 | 7.8 221 |
| PLT-16-08-578-M-* | 1 x 1/2 25.40 x 12.70 | 3.55 90.2 | 2.75 69.9 | 0.95 24.1 | 8.0 227 |
| PLT-16-12-578-M-* | 1 x 3/4 25.40 x 19.05 | 3.55 90.2 | 3.23 82.0 | 0.95 24.1 | 9.4 266 |
| PLT-24-04-578-M-* | 1 1/2 x 1/4 38.10 x 6.35 | 3.93 99.8 | 2.75 69.9 | 1.09 27.7 | 12.2 346 |
| PLT-24-06-578-M-* | 1 1/2 x 3/8 38.10 x 9.52 | 3.93 99.8 | 3.08 78.2 | 1.09 27.7 | 12.5 354 |
| PLT-24-08-578-M-* | 1 1/2 x 1/2 38.10 x 25.40 | 3.93 99.8 | 3 76.2 | 1.09 27.7 | 12.8 363 |
| PLT-24-12-578-M-* | 1 1/2 x 3/4 38.10 x 19.05 | 3.93 99.8 | 3.48 88.4 | 1.09 27.7 | 14.1 400 |
| PLT-24-16-578-M-* | 1 1/2 x 1 38.10 x 25.40 | 3.93 99.8 | 3.99 101.4 | 1.09 268 | 18.3 519 |

| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|-------------------|--------------------------------|---------------------------|---------------|--------------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-24-24-578-M-* | 1 1/2 x 1 1/2 38.10 x 38.10 | 3.93 99.8 | 2.73 69.3 | 1.09 27.7 | 16.0 454 |
| PLT-32-04-578-M-* | 2 x 1/4 50.80 x 6.35 | 5.0 127 | 2.2 55.9 | 1.52 38.5 | 20.6 584 |
| PLT-32-06-578-M-* | 2 x 3/8 50.80 x 9.52 | 5.0 127 | 2.38 60.5 | 1.52 38.5 | 20.9 593 |
| PLT-32-08-578-M-* | 2 x 1/2 50.80 x 12.70 | 5.0 127 | 2.15 54.6 | 1.52 38.5 | 21.2 601 |
| PLT-32-12-578-M-* | 2 x 3/4 50.80 x 19.40 | 5.0 127 | 2.6 66.0 | 1.52 38.5 | 22.5 638 |
| PLT-32-16-578-M-* | 2 x 1 50.80 x 25.40 | 5.0 127 | 2.6 66.0 | 1.52 38.5 | 26.8 760 |
| PLT-32-24-578-M-* | 2 x 1 1/2 50.80 x 38.10 | 5.0 127 | 2.98 75.7 | 1.52 38.5 | 24.5 695 |
| PLT-32-32-578-M-* | 2 x 2 50.80 x 50.80 | 5.0 127 | 3.3 83.8 | 1.52 38.5 | 26.7 757 |
| PLT-40-16-578-M-* | 2 1/2 x 1 63.5 x 25.4 | 5.83 148 | 4.49 114.0 | 2.32 58.8 | 35.8 1015 |
| PLT-40-24-578-M-* | 2 1/2 x 1 1/2 63.5 x 38.1 | 5.83 148 | 3.53 89.7 | 2.32 58.8 | 33.4 947 |
| PLT-40-32-578-M-* | 2 1/2 x 2 63.5 x 50.8 | 5.83 148 | 3.88 98.6 | 2.32 58.8 | 35.5 1006 |
| PLT-48-24-578-M-* | 3 x 1 1/2 76.2 x 38.1 | 6.46 163 | 3.78 96.0 | 2.57 65.3 | 43.3 1228 |
| PLT-48-32-578-M-* | 3 x 2 76.2 x 50.8 | 6.46 163 | 4.13 104.9 | 2.57 65.3 | 45.6 1293 |
| PLT-64-16-578-M-* | 4 x 1 101.6 x 25.4 | 7.19 182 | 5.24 132.6 | 2.91 73.9 | 88.5 2509 |
| PLT-64-24-578-M-* | 4 x 1 1/2 101.6 x 38.1 | 7.19 182 | 4.28 108.7 | 2.91 73.9 | 86.0 2438 |
| PLT-64-32-578-M-* | 4 x 2 101.6 x 50.8 | 7.19 182 | 4.63 117.6 | 2.91 C/F | 88.1 2498 |

The Evans PLT/PLHT Series Hose Barb Fittings

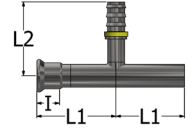
Style 571

Presslok Tee X Hose Barb
X Space Saver



Style 572

Presslok Reducing Tee
X Hose Barb X Space Saver



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each |
|----------------|---------------|---------------------------|--------------|--------------|---------------------------|
| | | L1 | L2 | I | |
| PLT-08-571-M-* | 1/2 12,7 | 2.91 73.9 | 2.41 62.2 | 0.83 21.2 | 3.1 88 |
| PLT-12-571-M-* | 3/4 19,05 | 3.18 80.8 | 3.00 76.2 | 0.88 22.4 | 6.7 190 |
| PLT-16-571-M-* | 1 25,4 | 3.55 90.2 | 3.64 92.4 | 0.95 24.1 | 13.3 377 |
| PLT-24-571-M-* | 1-1/2 38,1 | 3.93 99.8 | 2.93 74.4 | 1.09 27.7 | 15.5 439 |
| PLT-32-571-M-* | 2 50,8 | 5.00 127.0 | 3.53 89.6 | 1.52 38.5 | 25.7 729 |

| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each |
|-------------------|-----------------------------|---------------------------|---------------|--------------|---------------------------|
| | | L1 | L2 | I | |
| PLT-12-08-572-M-* | 3/4 x 1/2 19,05 x 12,7 | 3.18 80.8 | 2.63 66.7 | 0.88 22.4 | 5.4 153 |
| PLT-16-08-572-M-* | 1 x 1/2 25,4 x 12,7 | 3.55 90.2 | 2.75 69.9 | 0.95 24.1 | 7.7 218 |
| PLT-16-12-572-M-* | 1 x 3/4 25,4 x 19,05 | 3.55 90.2 | 3.23 82.0 | 0.95 24.1 | 9.0 255 |
| PLT-24-08-572-M-* | 1-1/2 x 1/2 38,1 x 12,7 | 3.93 99.8 | 3.00 76.2 | 1.09 27.7 | 12.3 349 |
| PLT-24-12-572-M-* | 1-1/2 x 3/4 38,1 x 19,05 | 3.93 99.8 | 3.48 88.4 | 1.09 27.7 | 13.6 386 |
| PLT-24-16-572-M-* | 1-1/2 x 1 38,1 x 25,4 | 3.93 99.8 | 3.99 101.3 | 1.09 27.7 | 17.8 505 |
| PLT-32-08-572-M-* | 2 x 1/2 50,8 x 12,7 | 5.00 127.0 | 3.26 82.8 | 1.52 38.5 | 20.3 575 |
| PLT-32-12-572-M-* | 2 x 3/4 50,8 x 19,08 | 5.00 127.0 | 3.73 94.7 | 1.52 38.5 | 21.6 612 |
| PLT-32-16-572-M-* | 2 x 1 50,8 x 25,6 | 5.00 127.0 | 5.24 133.1 | 1.52 38.5 | 25.9 734 |
| PLT-32-24-572-M-* | 2 x 1-1/2 50,8 x 38,1 | 5.00 127.0 | 3.28 83.3 | 1.52 38.5 | 23.6 669 |
| PLT-48-16-572-M-* | 3 x 1 76,2 x 25,4 | 6.46 164.1 | 3.93 99.8 | 2.57 65.3 | 43.9 1245 |
| PLT-48-24-572-M-* | 3 x 1-1/2 76,2 x 38,1 | 6.46 164.1 | 3.93 99.8 | 2.57 65.3 | 41.5 1177 |
| PLT-48-32-572-M-* | 3 x 2 76,2 x 50,4 | 6.46 164.1 | 3.68 93.5 | 2.57 65.3 | 43.8 1242 |
| PLT-64-16-572-M-* | 4 x 1 101,6 x 25,4 | 7.91 200.9 | 5.14 130.6 | 2.91 73.9 | 85.4 2421 |
| PLT-64-24-572-M-* | 4 x 1-1/2 101,6 x 38,1 | 7.91 200.9 | 4.18 106.2 | 2.91 73.9 | 82.9 2350 |
| PLT-64-32-572-M-* | 4 x 2 101,6 x 50,8 | 7.91 200.9 | 4.53 115.1 | 2.91 C/F | 85.0 2410 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

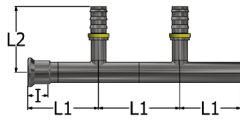
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Hose Barb Fittings

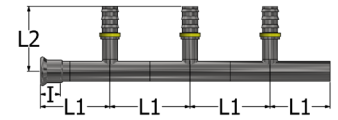
Style 573

Presslok Reducing
Tee X 2 Branch Hose
Barb X Space Saver



Style 574

Presslok Reducing
Tee X 3 Branch Hose
Barb X Space Saver



| Part Number | | SIZE | Dimensions - Inches mm | | | Approx. Weight Each |
|-------------------|-------------------|-----------------------------|---------------------------|---------------|--------------|---------------------------|
| 2-Branch | 3-Branch | | L1 | L2 | l | oz. / gm |
| PLT-12-08-573-M-* | PLT-12-08-574-M-* | 3/4 x 1/2 19,05 x 12,7 | 3.18 80.8 | 2.63 66.7 | 0.88 22.4 | C/F C/F |
| PLT-16-08-573-M-* | PLT-16-08-574-M-* | 1 x 1/2 25,4 x 12,7 | 3.55 90.2 | 2.75 69.9 | 0.95 24.1 | C/F C/F |
| PLT-16-12-573-M-* | PLT-16-12-574-M-* | 1 x 3/4 25,4 x 19,05 | 3.55 90.2 | 3.23 82.0 | 0.95 24.1 | C/F C/F |
| PLT-24-08-573-M-* | PLT-24-08-574-M-* | 1-1/2 x 1/2 38,1 x 12,7 | 3.93 99.8 | 3.00 76.2 | 1.09 27.7 | C/F C/F |
| PLT-24-12-573-M-* | PLT-24-12-574-M-* | 1-1/2 x 3/4 38,1 x 19,05 | 3.93 99.8 | 3.48 88.4 | 1.09 27.7 | C/F C/F |
| PLT-24-16-573-M-* | PLT-24-16-574-M-* | 1-1/2 x 1 38,1 x 25,4 | 3.93 99.8 | 3.99 101.3 | 1.09 27.7 | C/F C/F |
| PLT-32-08-573-M-* | PLT-32-08-574-M-* | 2 x 1/2 50,8 x 12,7 | 5.00 127.0 | 3.26 82.8 | 1.52 38.5 | C/F C/F |
| PLT-32-12-573-M-* | PLT-32-12-574-M-* | 2 x 3/4 50,8 x 19,08 | 5.00 127.0 | 3.73 94.7 | 1.52 38.5 | C/F C/F |
| PLT-32-16-573-M-* | PLT-32-16-574-M-* | 2 x 1 50,8 x 25,6 | 5.00 127.0 | 5.24 133.1 | 1.52 38.5 | C/F C/F |
| PLT-32-24-573-M-* | PLT-32-24-574-M-* | 2 x 1-1/2 50,8 x 38,1 | 5.00 127.0 | 3.28 83.3 | 1.52 38.5 | C/F C/F |
| PLT-48-16-573-M-* | PLT-48-16-574-M-* | 3 x 1 76,2 x 25,4 | 6.46 164.1 | 3.93 99.8 | 2.57 65.3 | C/F C/F |
| PLT-48-24-573-M-* | PLT-48-24-574-M-* | 3 x 1-1/2 76,2 x 38,1 | 6.46 164.1 | 3.93 99.8 | 2.57 65.3 | C/F C/F |
| PLT-48-32-573-M-* | PLT-48-32-574-M-* | 3 x 2 76,2 x 50,4 | 6.46 164.1 | 3.68 93.5 | 2.57 65.3 | C/F C/F |
| PLT-64-16-573-M-* | PLT-64-16-574-M-* | 4 x 1 101,6 x 25,4 | 7.91 200.9 | 5.14 130.6 | 2.91 73.9 | C/F C/F |
| PLT-64-24-573-M-* | PLT-64-24-574-M-* | 4 x 1-1/2 101,6 x 68,1 | 7.91 200.9 | 4.18 106.2 | 2.91 73.9 | C/F C/F |
| PLT-64-32-573-M-* | PLT-64-32-574-M-* | 4 x 2 101,6 x 50,8 | 7.91 200.9 | 4.53 115.1 | 2.91 73.9 | C/F C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

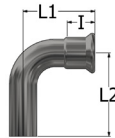
The Space Saver / Adapter Fittings Dimensional / Ordering Information

- Evans Space Saver Fittings save space when connecting fitting to fitting
- Reduced number of crimps
- Eliminates cutting and prepping short lengths of pipe



Style 586SS

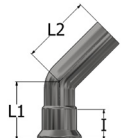
90° Elbow



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|------------------|---------------|---------------------------|----------------|---------------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-08-586SS-M-* | 1/2 12,7 | 2.66 67.6 | 3.00 76.2 | 0.80 20.4 | 1.8 50 |
| PLT-12-586SS-M-* | 3/4 19,05 | 2.63 66.7 | 3.00 76.2 | 0.86 21.9 | 3.6 102 |
| PLT-16-586SS-M-* | 1 25,4 | 2.60 66.0 | 3.00 76.2 | 1.10 28.0 | 4.4 124 |
| PLT-24-586SS-M-* | 1-1/2 38,1 | 3.47 88.2 | 3.75 95.3 | 1.14 28.9 | 8.0 228 |
| PLT-32-586SS-M-* | 2 50,8 | 4.30 109.2 | 4.75 120.7 | 1.47 37.3 | 13.5 384 |
| PLT-40-586SS-M-* | 2-1/2 63,5 | 6.38 162.1 | 6.80 172.7 | 2.35 59.8 | 26.0 738 |
| PLT-48-586SS-M-* | 3 76,2 | 7.80 198.1 | 8.18 207.0 | 2.55 64.8 | 36.7 1040 |
| PLT-64-586SS-M-* | 4 101,6 | 9.78 248.4 | 10.28 261.1 | 3.12 218.8 | 77.2 79.2 |

Style 591SS

45° Elbow



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|------------------|---------------|---------------------------|---------------|---------------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-08-591SS-M-* | 1/2 12,7 | 1.94 49.1 | 2.25 57.2 | 0.85 21.5 | 1.3 38 |
| PLT-12-591SS-M-* | 3/4 19,05 | 1.87 47.6 | 2.25 57.2 | 0.85 21.6 | 2.9 82 |
| PLT-16-591SS-M-* | 1 25,4 | 1.91 48.5 | 2.25 57.2 | 1.02 25.8 | 3.7 106 |
| PLT-24-591SS-M-* | 1-1/2 38,1 | 2.18 55.2 | 2.50 63.4 | 1.15 29.1 | 6.0 170 |
| PLT-32-591SS-M-* | 2 50,8 | 2.44 61.9 | 2.90 73.7 | 1.62 41.1 | 9.7 276 |
| PLT-40-591SS-M-* | 2-1/2 63,5 | 4.30 109.3 | 4.69 119.0 | 2.32 58.9 | 19.5 552 |
| PLT-48-591SS-M-* | 3 76,2 | 5.02 127.4 | 5.50 139.7 | 2.59 65.8 | 27.2 770 |
| PLT-64-591SS-M-* | 4 101,6 | 5.98 151.9 | 6.77 171.9 | 3.15 158.0 | 55.7 80.0 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Space Saver System Fittings

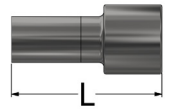
Style 596SS

Male NPT Adapter



Style 599SS

Female Threaded NPT Adapter

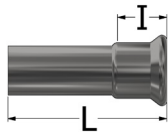


| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|----------------|-------|---------------------|------|---------------------|
| | | mm | | oz. / gm |
| | | L | | |
| PLT-08-596SS-M | 1/2 | 2.75 | 2.75 | 2.7 |
| | 12,7 | 69.9 | 69.9 | 76 |
| PLT-12-596SS-M | 3/4 | 2.75 | 2.75 | 4.1 |
| | 19,05 | 69.9 | 69.9 | 115 |
| PLT-16-596SS-M | 1 | 3.25 | 3.25 | 6.0 |
| | 25,4 | 82.6 | 82.6 | 171 |
| PLT-24-596SS-M | 1-1/2 | 3.5 | 3.5 | 10.6 |
| | 38,1 | 88.9 | 88.9 | 301 |
| PLT-32-596SS-M | 2 | 3.75 | 3.75 | 14.1 |
| | 50,8 | 95.3 | 95.3 | 400 |

| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|----------------|-------|---------------------|------|---------------------|
| | | mm | | oz. / gm |
| | | L | | |
| PLT-08-599SS-M | 1/2 | 2.75 | 2.75 | 2.4 |
| | 12,7 | 69.9 | 69.9 | 67 |
| PLT-12-599SS-M | 3/4 | 2.75 | 2.75 | 3.0 |
| | 19,05 | 69.9 | 69.9 | 86 |
| PLT-16-599SS-M | 1 | 3.25 | 3.25 | 6.2 |
| | 25,4 | 82.6 | 82.6 | 175 |
| PLT-24-599SS-M | 1-1/2 | 3.5 | 3.5 | 9.5 |
| | 38,1 | 88.9 | 88.9 | 271 |
| PLT-32-599SS-M | 2 | 3.75 | 3.75 | 13.6 |
| | 50,8 | 95.3 | 95.3 | 386 |

Style 597SS

Standard Tube x Coupling
Space Saver



| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|------------------|-------|---------------------|------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-597SS-M-* | 1/2 | 2.53 | 0.81 | 0.9 |
| | 12,7 | 64.3 | 20.7 | 26 |
| PLT-12-597SS-M-* | 3/4 | 2.82 | 0.90 | 2.0 |
| | 19,05 | 71.6 | 22.8 | 57 |
| PLT-16-597SS-M-* | 1 | 3.23 | 0.96 | 3.1 |
| | 25,4 | 82.0 | 24.4 | 87 |
| PLT-24-597SS-M-* | 1-1/2 | 3.53 | 1.09 | 5.0 |
| | 38,1 | 89.7 | 27.7 | 141 |

| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|------------------|-------|---------------------|------|---------------------|
| | | L | I | oz. / gm |
| PLT-32-597SS-M-* | 2 | 4.77 | 1.53 | 9.1 |
| | 50,8 | 121.2 | 38.8 | 259 |
| PLT-40-597SS-M-* | 2-1/2 | 5.815 | 2.32 | 14.3 |
| | 50,8 | 147.7 | 58.9 | 404 |
| PLT-48-597SS-M-* | 3 | 6.56 | 2.60 | 19.0 |
| | 50,8 | 166.6 | 65.9 | 539 |
| PLT-64-597SS-M-* | 4 | 8.16 | 2.91 | 39.6 |
| | 50,8 | 207.3 | 73.8 | 1121 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

The Evans PLT/PLHT Series Space Saver Fittings

Style 582

Tube Reducer Adapter



Style 583

Tube Reducer Adapter



| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|-------------------|--------------|---------------------|------|---------------------|
| | | L | I | |
| PLT-12-08-582-M-* | 3/4 x 1/2 | 3.62 | 0.83 | 2.0 |
| | 19,05 x 12,7 | 91.8 | 21.2 | 57 |
| PLT-16-08-582-M-* | 1 x 1/2 | 3.74 | 0.83 | 2.6 |
| | 25,4 x 12,7 | 95.0 | 21.2 | 74 |
| PLT-16-12-582-M-* | 1 x 3/4 | 3.86 | 0.88 | 3.3 |
| | 25,4 x 19,05 | 97.9 | 22.4 | 92 |
| PLT-24-08-582-M-* | 1-1/2 x 1/2 | 5.87 | 0.83 | 5.8 |
| | 38,1 x 12,7 | 149.0 | 21.2 | 164 |
| PLT-24-12-582-M-* | 1-1/2 x 3/4 | 5.48 | 0.88 | 6.1 |
| | 38,1 x 19,05 | 139.2 | 22.4 | 174 |
| PLT-24-16-582-M-* | 1-1/2 x 1 | 5.72 | 0.95 | 6.9 |
| | 38,1 x 25,4 | 145.3 | 24.1 | 195 |
| PLT-32-08-582-M-* | 2 x 1/2 | 9.62 | 0.83 | 12.1 |
| | 50,8 x 12,7 | 244.2 | 21.2 | 343 |
| PLT-32-12-582-M-* | 2 x 3/4 | 8.73 | 0.88 | 11.9 |
| | 50,8 x 19,05 | 221.7 | 22.4 | 338 |
| PLT-32-16-582-M-* | 2 x 1 | 7.97 | 0.95 | 11.7 |
| | 50,8 x 25,4 | 202.4 | 24.1 | 331 |
| PLT-32-24-582-M-* | 2 x 1-1/2 | 6.13 | 0.98 | 10.4 |
| | 50,8 x 38,1 | 155.7 | 24.8 | 295 |
| PLT-48-16-582-M-* | 3 x 1 | 12.22 | 0.95 | 23.9 |
| | 76,2 x 25,4 | 310.4 | 24.1 | 678 |
| PLT-48-24-582-M-* | 3 x 1-1/2 | 10.38 | 0.98 | 22.7 |
| | 76,2 x 38,1 | 263.7 | 24.8 | 642 |
| PLT-48-32-582-M-* | 3 x 2 | 9.03 | 1.52 | 21.6 |
| | 76,2 x 50,8 | 229.4 | 38.5 | 614 |
| PLT-48-40-582-M-* | 3 x 2-1/2 | 7.49 | 2.32 | 19.8 |
| | 76,2 x 63,5 | 190.2 | 58.8 | 561 |
| PLT-64-16-582-M-* | 4 x 1 | 16.72 | 0.95 | 44.7 |
| | 101,6 x 25,4 | 424.7 | 24.1 | 1267 |
| PLT-64-24-582-M-* | 4 x 1-1/2 | 14.88 | 0.98 | 43.7 |
| | 101,6 x 38,1 | 378.0 | 24.8 | 1238 |
| PLT-64-32-582-M-* | 4 x 2 | 13.53 | 1.52 | 42.3 |
| | 101,6 x 50,8 | 343.7 | 38.5 | 1201 |
| PLT-64-40-582-M-* | 4 x 2-1/2 | 11.99 | 2.32 | 40.6 |
| | 101,6 x 63,5 | 304.5 | 58.8 | 1150 |
| PLT-64-48-582-M-* | 4 x 3 | 10.41 | 2.57 | 38.3 |
| | 101,6 x 76,2 | 264.3 | 65.3 | 1087 |

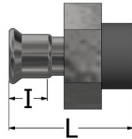
| Part Number | SIZE | Dimensions - Inches | | Approx. Weight Each |
|-------------------|--------------|---------------------|------|---------------------|
| | | L | I | |
| PLT-12-08-583-M-* | 3/4 x 1/2 | 3.97 | 0.88 | 2.2 |
| | 19,05 x 12,7 | 100.8 | 22.4 | 62 |
| PLT-16-08-583-M-* | 1 x 1/2 | 4.19 | 0.95 | 2.9 |
| | 25,4 x 12,7 | 106.4 | 24.1 | 83 |
| PLT-16-12-583-M-* | 1 x 3/4 | 4.19 | 0.95 | 3.6 |
| | 25,4 x 19,05 | 106.4 | 24.1 | 103 |
| PLT-24-08-583-M-* | 1-1/2 x 1/2 | 5.85 | 0.98 | 5.5 |
| | 38,1 x 12,7 | 148.6 | 24.8 | 156 |
| PLT-24-12-583-M-* | 1-1/2 x 3/4 | 5.35 | 0.98 | 5.8 |
| | 38,1 x 19,05 | 135.9 | 24.8 | 164 |
| PLT-24-16-583-M-* | 1-1/2 x 1 | 5.48 | 0.98 | 6.5 |
| | 38,1 x 25,4 | 139.1 | 24.8 | 183 |
| PLT-32-08-583-M-* | 2 x 1/2 | 8.24 | 1.52 | 12.1 |
| | 50,8 x 12,7 | 209.3 | 38.5 | 342 |
| PLT-32-12-583-M-* | 2 x 3/4 | 8.99 | 1.52 | 12.5 |
| | 50,8 x 19,05 | 228.3 | 38.5 | 356 |
| PLT-32-16-583-M-* | 2 x 1 | 8.12 | 1.52 | 12.1 |
| | 50,8 x 25,4 | 206.1 | 38.5 | 342 |
| PLT-32-24-583-M-* | 2 x 1-1/2 | 6.49 | 1.52 | 11.4 |
| | 50,8 x 38,1 | 164.8 | 38.5 | 324 |
| PLT-48-16-583-M-* | 3 x 1 | 13.03 | 2.57 | 26.4 |
| | 76,2 x 25,4 | 331 | 65.3 | 748 |
| PLT-48-24-583-M-* | 3 x 1-1/2 | 11.41 | 2.57 | 25.8 |
| | 76,2 x 38,1 | 289.7 | 65.3 | 731 |
| PLT-48-32-583-M-* | 3 x 2 | 9.66 | 2.57 | 24.2 |
| | 76,2 x 50,8 | 245.2 | 65.3 | 685 |
| PLT-48-40-583-M-* | 3 x 2-1/2 | 8.41 | 2.57 | 22.9 |
| | 76,2 x 63,5 | 213.5 | 65.3 | 648 |
| PLT-64-16-583-M-* | 4 x 1 | 17.68 | 2.91 | 51.3 |
| | 101,6 x 25,4 | 448.9 | 73.8 | 1454 |
| PLT-64-24-583-M-* | 4 x 1-1/2 | 16.05 | 2.91 | 50.9 |
| | 101,6 x 38,1 | 407.7 | 73.8 | 1444 |
| PLT-64-32-583-M-* | 4 x 2 | 14.3 | 2.91 | 48.9 |
| | 101,6 x 50,8 | 363.2 | 73.8 | 1388 |
| PLT-64-40-583-M-* | 4 x 2-1/2 | 12.3 | 2.91 | 46.2 |
| | 101,6 x 63,5 | 312.4 | 73.8 | 1309 |
| PLT-64-48-583-M-* | 4 x 3 | 11.55 | 2.91 | 45.6 |
| | 101,6 x 76,2 | 293.4 | 73.8 | 1294 |

Presslok Union Fittings

Dimensional / Ordering Information

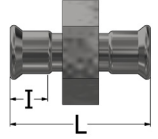
Style 522

Presslok Adaptor Fitting
x PVC Union



Style 521

Presslok x Presslok Union



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|-------|------------------------|------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-522-M-* | 1/2 | 2.57 | 0.83 | 0.9 |
| | 12,7 | 65.2 | 21.2 | 0.234 |
| PLT-12-522-M-* | 3/4 | 2.83 | 0.88 | 0.1 |
| | 19,05 | 71.8 | 22.4 | 0.274 |
| PLT-16-522-M-* | 1 | 3.32 | 0.95 | 0.21 |
| | 25,4 | 84.3 | 24.1 | 0.72 |
| PLT-24-522-M-* | 1 1/2 | 3.85 | 0.98 | 2.05 |
| | 38,1 | 97.7 | 24.8 | 1.061 |
| PLT-32-522-M-* | 2 | 4.52 | 1.52 | 2.2 |
| | 50,8 | 114.7 | 38.5 | 1.468 |

| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|-------|------------------------|------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-521-M-* | 1/2 | 2.95 | 0.83 | 10.7 |
| | 12,7 | 74.9 | 21.2 | 303 |
| PLT-12-521-M-* | 3/4 | 3.15 | 0.88 | 11.5 |
| | 19,05 | 79.9 | 22.4 | 326 |
| PLT-16-521-M-* | 1 | 3.74 | 0.95 | 21.8 |
| | 25,4 | 95.0 | 24.1 | 618 |
| PLT-24-521-M-* | 1 1/2 | 4.22 | 0.98 | 32.4 |
| | 38,1 | 107.1 | 24.8 | 919 |
| PLT-32-521-M-* | 2 | 5.47 | 1.52 | 54.0 |
| | 50,8 | 138.9 | 38.5 | 1531 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

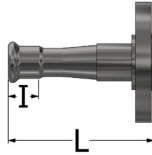
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

ANSI Flange Adapter Fittings Dimensional / Ordering Information

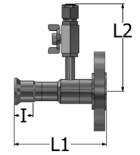
Style 565

Rotatable ANSI 150#
X Presslok



Style 565DV

Rotatable ANSI 150#
X Presslok w/ Drain valve



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each oz. / gm |
|----------------|-------|------------------------|------|---------------------------------|
| | | L | I | |
| PLT-08-565-M-* | 1/2 | 4.22 | 0.83 | 49.4 |
| | 12,7 | 107.2 | 21.2 | 1400 |
| PLT-12-565-M-* | 3/4 | 4.66 | 0.88 | 52.9 |
| | 19,05 | 118.4 | 22.4 | 1500 |
| PLT-16-565-M-* | 1 | 5.12 | 0.95 | 56.4 |
| | 25,4 | 130.0 | 24.1 | 1600 |
| PLT-24-565-M-* | 1-1/2 | 5.37 | 0.98 | 81.1 |
| | 38,1 | 136.4 | 24.8 | 2300 |
| PLT-32-565-M-* | 2 | 7.21 | 1.52 | 95.2 |
| | 50,8 | 183.1 | 38.5 | 2700 |
| PLT-40-565-M-* | 2-1/2 | 8.25 | 2.32 | 151.0 |
| | 50,8 | 209.6 | 58.8 | 4300 |
| PLT-48-565-M-* | 3 | 9.09 | 2.57 | 189.2 |
| | 50,8 | 230.9 | 65.3 | 5400 |
| PLT-64-565-M-* | 4 | 11.08 | 2.91 | 293.4 |
| | 50,8 | 281.4 | 73.9 | 8300 |

| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|------------------|-------|------------------------|-------|------|---------------------------------|
| | | L1 | L2 | I | |
| PLT-08-565DV-M-* | 1/2 | 5.14 | 4.41 | 0.83 | 31.4 |
| | 12,7 | 130.4 | 112 | 21.2 | 891 |
| PLT-12-565DV-M-* | 3/4 | 5.26 | 4.52 | 0.88 | 40.3 |
| | 19,05 | 133.5 | 114.7 | 22.4 | 1142 |
| PLT-16-565DV-M-* | 1 | 5.46 | 4.65 | 0.95 | 51.1 |
| | 25,4 | 138.7 | 118 | 24.1 | 1449 |
| PLT-24-565DV-M-* | 1-1/2 | 6.11 | 4.75 | 0.98 | 81.7 |
| | 38,1 | 155.1 | 120.7 | 24.8 | 2317 |
| PLT-32-565DV-M-* | 2 | 6.33 | 5.09 | 1.52 | 113.1 |
| | 50,8 | 160.7 | 129.3 | 38.5 | 3206 |
| PLT-40-565DV-M-* | 2-1/2 | 7.24 | 5.45 | 2.32 | 167.9 |
| | 63,5 | 183.9 | 138.4 | 58.8 | 4761 |
| PLT-48-565DV-M-* | 3 | 10.58 | 5.76 | 2.57 | 219.7 |
| | 76,2 | 268.7 | 146.3 | 65.3 | 6230 |
| PLT-64-565DV-M-* | 4 | 8.8 | 6.25 | 2.91 | 309.7 |
| | 101,6 | 223.5 | 157.8 | 73.9 | 8779 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

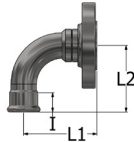
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

ANSI Flange Adapter Fittings Dimensional / Ordering Information

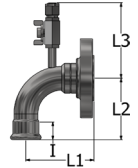
Style 566

Rotatable ANSI 150#
X 90° Presslok Elbow



Style 566DV

Rotatable ANSI 150# X 90°
Presslok Elbow w/ Drain valve



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|----------------|---------------|---------------------------|---------------|--------------|---------------------------------------|
| | | L1 | L2 | I | |
| PLT-08-566-M-* | 1/2 12,7 | 5.15 130.7 | 2.24 56.9 | 0.83 21.2 | 22.0 624 |
| PLT-12-566-M-* | 3/4 19,05 | 4.16 105.5 | 2.35 59.7 | 0.88 22.4 | 29.6 839 |
| PLT-16-566-M-* | 1 25,4 | 4.19 106.4 | 2.97 75.4 | 0.95 24.1 | 39.7 1125 |
| PLT-24-566-M-* | 1-1/2 38,1 | 4.27 108.5 | 3.88 98.6 | 0.98 24.8 | 72.4 2053 |
| PLT-32-566-M-* | 2 50,8 | 5.94 150.7 | 5.28 134.1 | 1.52 38.5 | 107.2 3039 |
| PLT-40-566-M-* | 2-1/2 63,5 | 8.25 209.6 | 6.49 164.8 | 2.32 58.8 | 171.4 4859 |
| PLT-48-566-M-* | 3 76,2 | 9.00 228.6 | 7.66 194.4 | 2.57 65.3 | 224.0 6350 |
| PLT-64-566-M-* | 4 101,6 | 11.00 279.4 | 9.88 248.9 | 2.91 73.9 | 333.9 9466 |

| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|------------------|---------------|---------------------------|---------------|---------------|--------------|---------------------------------------|
| | | L1 | L2 | L3 | I | |
| PLT-08-566DV-M-* | 1/2 12,7 | 5.15 130.7 | 2.24 56.9 | 4.45 113.0 | 0.83 21.2 | 32.0 908 |
| PLT-12-566DV-M-* | 3/4 19,05 | 5.16 131.1 | 2.36 59.8 | 4.57 115.7 | 0.88 22.4 | 41.4 1175 |
| PLT-16-566DV-M-* | 1 25,4 | 4.94 125.5 | 2.97 75.4 | 4.67 119.1 | 0.95 24.1 | 52.1 1478 |
| PLT-24-566DV-M-* | 1-1/2 38,1 | 4.27 108.5 | 3.88 98.6 | 4.75 120.5 | 0.98 24.8 | 82.5 2338 |
| PLT-32-566DV-M-* | 2 50,8 | 5.94 150.7 | 5.24 133.1 | 5.04 127.9 | 1.52 38.5 | 121.5 3444 |
| PLT-40-566DV-M-* | 2-1/2 63,5 | 8.25 209.6 | 6.49 164.8 | 5.49 139.4 | 2.32 58.8 | 181.4 5142 |
| PLT-48-566DV-M-* | 3 76,2 | 9.00 228.6 | 7.66 194.4 | 5.77 146.5 | 2.57 65.3 | 234.2 6638 |
| PLT-64-566DV-M-* | 4 101,6 | 11.00 279.4 | 9.80 248.9 | 6.29 159.8 | 2.91 73.9 | 344.7 9772 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

ANSI Flange Adapter Fittings

Dimensional / Ordering Information

Style 567

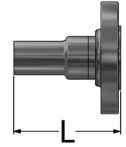
Non-Rotatable ANSI 150#
x Tube Reducer



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|-----------------|--------------|---------------------------|------|------------------------|
| | | L | I | oz. / gm |
| PLT-24-08-567-M | 1-1/2 x 1/2 | 2.5 | 59.1 | |
| | 38,1 x 12,7 | 63.5 | 1675 | |
| PLT-24-12-567-M | 1-1/2 x 3/4 | 2.5 | 59.0 | |
| | 38,1 x 19,05 | 63.5 | 1673 | |
| PLT-24-16-567-M | 1-1/2 x 1 | 3.0 | 48.7 | |
| | 38,1 x 25,4 | 76.2 | 1664 | |
| PLT-32-08-567-M | 2 x 1/2 | 2.5 | 96.2 | |
| | 50,8 x 12,7 | 63.5 | 2727 | |
| PLT-32-12-567-M | 2 x 3/4 | 2.5 | 96.1 | |
| | 50,8 x 19,05 | 63.5 | 2724 | |
| PLT-32-16-567-M | 2 x 1 | 3.0 | 95.8 | |
| | 50,8 x 25,4 | 76.2 | 2716 | |
| PLT-32-24-567-M | 2 x 1-1/2 | 3.25 | 95.6 | |
| | 50,8 x 38,1 | 82.6 | 2710 | |

Style 565SS

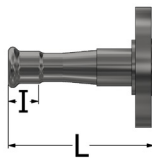
Rotatable ANSI 150#
x Tube Space Saver



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|-------|---------------------------|------|------------------------|
| | | L | I | oz. / gm |
| PLT-08-565SS-M | 1/2 | 3.79 | 49.4 | |
| | 12,7 | 96.3 | 1400 | |
| PLT-12-565SS-M | 3/4 | 4.25 | 52.9 | |
| | 19,05 | 108.0 | 1500 | |
| PLT-16-565SS-M | 1 | 4.78 | 56.4 | |
| | 25,4 | 121.4 | 1600 | |
| PLT-24-565SS-M | 1-1/2 | 4.76 | 81.1 | |
| | 38,1 | 120.9 | 2300 | |
| PLT-32-565SS-M | 2 | 6.03 | 95.2 | |
| | 50,8 | 153.2 | 2700 | |
| PLT-40-565SS-M | 2-1/2 | 7 | C/F | |
| | 63,5 | 177.8 | C/F | |
| PLT-48-565SS-M | 3 | 7.36 | C/F | |
| | 76,2 | 186.9 | C/F | |
| PLT-64-565SS-M | 4 | 8.27 | C/F | |
| | 101,6 | 210.1 | C/F | |

Style 565U

Non-Rotatable ANSI 150#
X Presslok



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|-----------------|-------|---------------------------|------|------------------------|
| | | L | I | oz. / gm |
| PLT-08-565U-M-* | 1/2 | C/F | 0.83 | C/F |
| | 12,7 | C/F | 21.2 | C/F |
| PLT-12-565U-M-* | 3/4 | C/F | 0.88 | C/F |
| | 19,05 | C/F | 22.4 | C/F |
| PLT-16-565U-M-* | 1 | C/F | 0.95 | C/F |
| | 25,4 | C/F | 24.1 | C/F |
| PLT-24-565U-M-* | 1-1/2 | C/F | 0.98 | C/F |
| | 38,1 | C/F | 24.8 | C/F |

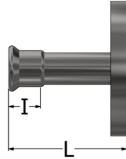
| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|-----------------|-------|---------------------------|------|------------------------|
| | | L | I | oz. / gm |
| PLT-32-565U-M-* | 2 | C/F | 1.52 | C/F |
| | 50,8 | C/F | 38.5 | C/F |
| PLT-40-565U-M-* | 2-1/2 | C/F | 2.32 | C/F |
| | 50,8 | C/F | 58.8 | C/F |
| PLT-48-565U-M-* | 3 | C/F | 2.57 | C/F |
| | 50,8 | C/F | 65.3 | C/F |
| PLT-64-565U-M-* | 4 | C/F | 2.91 | C/F |
| | 50,8 | C/F | 73.9 | C/F |

PN Flange Adapter Fittings

Dimensional / Ordering Information

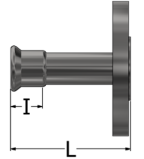
Style 563

Non-Rotatable PN10 x Presslok



Style 564

Non-Rotatable PN16 x Presslok



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|-------|------------------------|------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-563-M-* | 1/2 | C/F | 0.83 | 49.4 |
| | 12,7 | C/F | 21.2 | 1400 |
| PLT-12-563-M-* | 3/4 | C/F | 0.88 | 52.9 |
| | 19,05 | C/F | 22.4 | 1500 |
| PLT-16-563-M-* | 1 | C/F | 0.95 | 56.4 |
| | 25,4 | C/F | 24.1 | 1600 |
| PLT-24-563-M-* | 1-1/2 | C/F | 0.98 | 81.1 |
| | 38,1 | C/F | 24.8 | 2300 |
| PLT-32-563-M-* | 2 | C/F | 1.52 | 95.2 |
| | 50,8 | C/F | 38.5 | 2700 |
| PLT-40-563-M-* | 2-1/2 | C/F | 2.32 | C/F |
| | 63,5 | C/F | 58.8 | C/F |
| PLT-48-563-M-* | 3 | C/F | 2.57 | C/F |
| | 76,2 | C/F | 65.3 | C/F |
| PLT-64-563-M-* | 4 | C/F | 2.91 | C/F |
| | 101,6 | C/F | 73.9 | C/F |

| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|-------|------------------------|------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-564-M-* | 1/2 | C/F | 0.83 | 49.4 |
| | 12,7 | C/F | 21.2 | 1400 |
| PLT-12-564-M-* | 3/4 | C/F | 0.88 | 52.9 |
| | 19,05 | C/F | 22.4 | 1500 |
| PLT-16-564-M-* | 1 | C/F | 0.95 | 56.4 |
| | 25,4 | C/F | 24.1 | 1600 |
| PLT-24-564-M-* | 1-1/2 | C/F | 0.98 | 81.1 |
| | 38,1 | C/F | 24.8 | 2300 |
| PLT-32-564-M-* | 2 | C/F | 1.52 | 95.2 |
| | 50,8 | C/F | 38.5 | 2700 |
| PLT-40-564-M-* | 2-1/2 | C/F | 2.32 | C/F |
| | 63,5 | C/F | 58.8 | C/F |
| PLT-48-564-M-* | 3 | C/F | 2.57 | C/F |
| | 76,2 | C/F | 65.3 | C/F |
| PLT-64-564-M-* | 4 | C/F | 2.91 | C/F |
| | 101,6 | C/F | 73.9 | C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

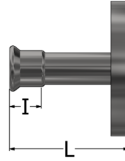
C/F: Consult Factory

JIS Flange Adapter Fittings

Dimensional / Ordering Information

Style 562

Non-Rotatable JIS 10k x Presslok



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|-------|------------------------|------|---------------------|
| | | L | I | oz. / gm |
| PLT-08-562-M-* | 1/2 | C/F | 0.83 | 49.4 |
| | 12,7 | C/F | 21.2 | 1400 |
| PLT-12-562-M-* | 3/4 | C/F | 0.88 | 52.9 |
| | 19,05 | C/F | 22.4 | 1500 |
| PLT-16-562-M-* | 1 | C/F | 0.95 | 56.4 |
| | 25,4 | C/F | 24.1 | 1600 |
| PLT-24-562-M-* | 1-1/2 | C/F | 0.98 | 81.1 |
| | 38,1 | C/F | 24.8 | 2300 |
| PLT-32-562-M-* | 2 | C/F | 1.52 | 95.2 |
| | 50,8 | C/F | 38.5 | 2700 |
| PLT-40-562-M-* | 2-1/2 | C/F | 2.32 | C/F |
| | 63,5 | C/F | 58.8 | C/F |
| PLT-48-562-M-* | 3 | C/F | 2.57 | C/F |
| | 76,2 | C/F | 65.3 | C/F |
| PLT-64-562-M-* | 4 | C/F | 2.91 | C/F |
| | 101,6 | C/F | 73.9 | C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

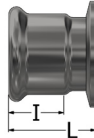
C/F: Consult Factory

Vacuum Adapter Fittings

Dimensional / Ordering Information

Style 722

Presslok x KF Coupling



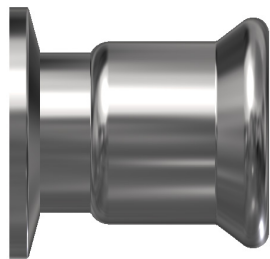
| Part Number | SIZE | FLANGE SIZE | Dimensions - Inches mm | | Approx. Weight Each |
|----------------|---------------|-----------------|------------------------|--------------|---------------------|
| | | | L | I | oz. / gm |
| PLT-08-722-M-* | 1/2 12,7 | NW10 KF | 1.19 30.1 | 0.83 21.2 | 1.4 38 |
| PLT-12-722-M-* | 3/4 19,05 | NW16 KF | 1.33 33.7 | 0.88 22.4 | 2.6 72 |
| PLT-16-722-M-* | 1 25,4 | NW25 KF | 1.57 39.9 | 0.95 24.1 | 3.6 102 |
| PLT-24-722-M-* | 1-1/2 38,1 | NW40 KF | 1.70 43.2 | 0.98 24.8 | 5.4 152 |
| PLT-32-722-M-* | 2 50,8 | NW50 KF | 2.27 57.5 | 1.52 38.5 | 9.4 266 |
| PLT-40-722-M-* | 2-1/2 63,5 | NW63 ISO-MF | 2.85 72.4 | 2.32 58.8 | C/F C/F |
| PLT-48-722-M-* | 3 76,2 | NW80 ISO-MF | 3.23 82.0 | 2.57 65.3 | C/F C/F |
| PLT-64-722-M-* | 4 101,6 | NW100 ISO-MF | 3.93 99.8 | 2.91 73.9 | C/F C/F |

Style 726SS

KF Vacuum Adapter



| Part Number | SIZE | FLANGE SIZE | Dimensions - Inches mm | Approx. Weight Each |
|----------------|----------------------------|-------------|------------------------|---------------------|
| | | | L | oz. / gm |
| PLT-08-726SS-M | 1/2 x 1/2 12,7 x 15 | NW10 KF | 2.18 55.3 | 0.2 0,1 |
| PLT-12-726SS-M | 3/4 x 3/4 19,05 x 20 | NW16 KF | 2.33 59.1 | 0.2 0,1 |
| PLT-16-726SS-M | 1 x 1 25,4 x 25 | NW25 KF | 2.57 65.2 | 0.4 0,2 |
| PLT-24-726SS-M | 1-1/2 x 1-1/2 38,1 x 40 | NW40 KF | 3.7 93.9 | 0.8 0,4 |
| PLT-32-726SS-M | 2 x 2 50,8 x 50 | NW50 KF | 4.76 120.9 | 1.1 0,5 |



KF Flange
Sizes 1/2" - 2"



ISO-MF Flange
Sizes 2-1/2" - 4"

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

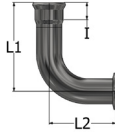
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

Vacuum Adapter Fittings Dimensional / Ordering Information

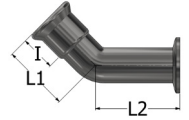
Style 727

Presslok x KF 90° Elbow



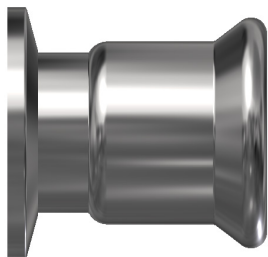
Style 730

Presslok x KF 45° Elbow

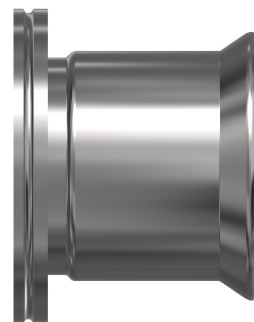


| Part Number | SIZE | FLANGE SIZE | Dimensions - Inches | | | Approx. Weight Each |
|----------------|---------------|-----------------|---------------------|----------------|--------------|---------------------|
| | | | L1 | L2 | I | |
| PLT-08-727-M-* | 1/2 12,7 | NW10 KF | 2.64 67.1 | 3.15 80.0 | 0.83 21.2 | 2.0 58 |
| PLT-12-727-M-* | 3/4 19,05 | NW16 KF | 2.63 66.8 | 3.15 80.0 | 0.88 22.4 | 3.4 96 |
| PLT-16-727-M-* | 1 25,4 | NW25 KF | 2.71 68.8 | 3.15 80.0 | 0.95 24.1 | 4.6 130 |
| PLT-24-727-M-* | 1-1/2 38,1 | NW40 KF | 3.44 87.4 | 3.90 99.1 | 0.98 24.8 | 8.8 248 |
| PLT-32-727-M-* | 2 50,8 | NW50 KF | 4.34 110.4 | 4.90 99.1 | 1.52 38.5 | 13.7 388 |
| PLT-40-727-M-* | 2-1/2 63,5 | NW63 ISO-MF | 6.45 163.8 | 7.06 179.2 | 2.32 58.8 | 39.4 1117 |
| PLT-48-727-M-* | 3 76,2 | NW80 ISO-MF | 7.58 192.5 | 8.40 213.5 | 2.57 65.3 | 54.4 1542 |
| PLT-64-727-M-* | 4 101,6 | NW100 ISO-MF | 9.78 248.4 | 10.53 267.5 | 2.91 73.9 | 102.3 2900 |

| Part Number | SIZE | FLANGE SIZE | Dimensions - Inches | | | Approx. Weight Each |
|----------------|---------------|-----------------|---------------------|---------------|--------------|---------------------|
| | | | L1 | L2 | I | |
| PLT-08-727-M-* | 1/2 12,7 | NW10 KF | 1.94 49.1 | 2.40 60.7 | 0.83 21.2 | 1.7 48 |
| PLT-12-727-M-* | 3/4 19,05 | NW16 KF | 1.87 47.6 | 2.40 60.7 | 0.88 22.4 | 2.8 78 |
| PLT-16-727-M-* | 1 25,4 | NW25 KF | 1.91 48.5 | 2.40 60.7 | 0.95 24.1 | 3.8 106 |
| PLT-24-727-M-* | 1-1/2 38,1 | NW40 KF | 2.18 55.2 | 2.65 67.3 | 0.98 24.8 | 6.7 188 |
| PLT-32-727-M-* | 2 50,8 | NW50 KF | 2.44 61.9 | 3.15 80.0 | 1.52 38.5 | 10.0 282 |
| PLT-40-727-M-* | 2-1/2 63,5 | NW63 ISO-MF | 4.3 109.3 | 4.94 125.5 | 2.32 58.8 | 32.9 933 |
| PLT-48-727-M-* | 3 76,2 | NW80 ISO-MF | 5.02 127.4 | 5.74 145.7 | 2.57 65.3 | 44.9 1273 |
| PLT-64-727-M-* | 4 101,6 | NW100 ISO-MF | 6.28 159.5 | 7.02 178.3 | 2.91 73.9 | 80.2 2274 |



KF Flange
Sizes 1/2" - 2"



ISO-MF Flange
Sizes 2-1/2" - 4"

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

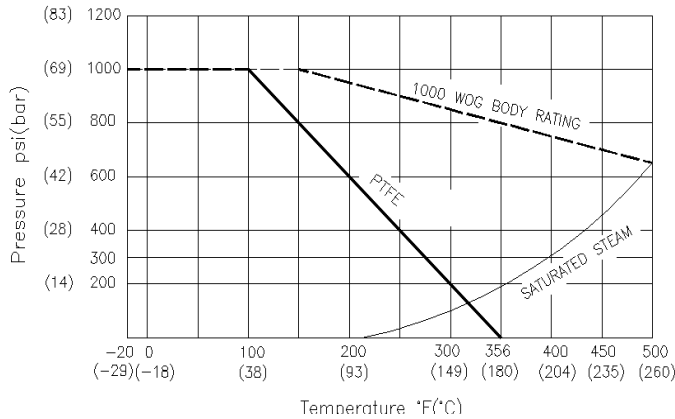
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

Presslok Ball Valves Specifications

Pressure / Temperature Table

Presslok ended valves rated to 200/300 psi

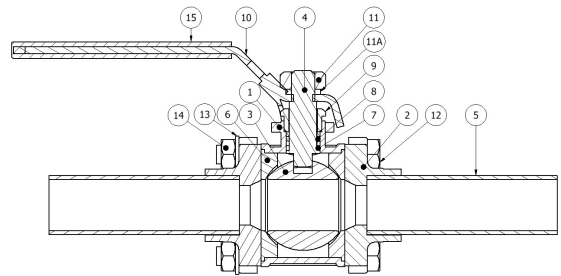


- Presslok Ball Valves come standard with locking lever handles



Material List

Evans Stainless Steel Presslok Ball Valves

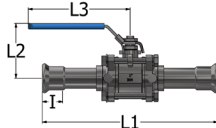


| Item | Description | Material | Qty. |
|------|----------------|----------------|------|
| 1 | Body | SS304 | 1 |
| 2 | End Cap | CF3M/CF8M | 2 |
| 3 | Ball | SS304 | 1 |
| 4 | Stem | SS304 | 1 |
| 5 | Tube Extension | ASTM A269 304L | 2 |
| 6 | Ball Seat | RTFE | 2 |
| 7 | Thrust Washer | RTFE | 1 |
| 8 | Stem Packing | RTFE | 1 |
| 9 | Stem Nut | SS304 | 1 |
| 10 | Handle | SS304 | 1 |
| 11 | Handle Nut | SS304 | 1 |
| 11A | Handle Washer | SS304 | 1 |
| 12 | Body Bolt | SS304 | 4 |
| 13 | Bolt Washer | SS304 | 4 |
| 14 | Bolt Nut | SS304 | 4 |
| 15 | Handle Sleeve | VINYL | 1 |

Presslok Ball Valves Dimensional / Ordering Information

Stainless Steel Ball Valve

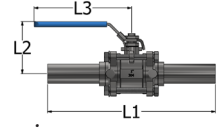
w/ Evans Presslok Connections



| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|---------------------|---------------|---------------------------|---------------|----------------|--------------|---------------------------------|
| | | L1 | L2 | L3 | I | |
| PL-08-08 STRPLT* | 1/2 12,7 | 6.71 170.5 | 2.35 59.8 | 3.63 92.3 | 0.81 20.7 | 18.4 522 |
| PL-12-12 STRPLT* | 3/4 19,05 | 7.64 194.1 | 2.59 65.7 | 3.99 101.4 | 0.9 22.8 | 30.8 873 |
| PL-16-16 STRPLT* | 1 25,4 | 8.62 218.9 | 2.68 68.2 | 5 127.1 | 0.96 24.4 | 41.2 1168 |
| PL-24-24 STRPLT* | 1-1/2 38,1 | 10.09 256.4 | 3.25 82.5 | 6.38 162 | 1.09 27.7 | 76.8 2177 |
| PL-32-32 STRPLT* | 2 50,8 | 12.95 329.0 | 3.59 91.2 | 6.38 162 | 1.53 38.8 | 116.5 3303 |
| PL-40-40 STRPLT* | 2-1/2 63,5 | 17.14 435.4 | 4.90 124.5 | 7.96 202.2 | 2.32 58.9 | 160.8 4559 |
| PL-48-48 STRPLT* | 3 76,2 | 19.26 489.2 | 5.55 141.0 | 8.06 204.7 | 2.60 65.9 | C/F C/F |
| PL-64-64 STRPLT* | 4 101,6 | 22.38 568.5 | 6.50 165.1 | 12.22 310.4 | 2.91 73.8 | C/F C/F |

Stainless Steel Ball Valve

w/ Evans PL Series Tube Extensions



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|--------------|---------------|---------------------------|---------------|----------------|---------------------------------|
| | | L1 | L2 | L3 | |
| PL-08-08STRM | 1/2 12,7 | 6.71 170.5 | 2.35 59.8 | 3.63 92.3 | 18.1 513 |
| PL-12-12STRM | 3/4 19,05 | 7.64 194.1 | 2.59 65.7 | 3.99 101.4 | 30.4 862 |
| PL-16-16STRM | 1 25,4 | 8.62 218.9 | 2.68 68.2 | 5.00 127.1 | 40.3 1142 |
| PL-24-24STRM | 1-1/2 38,1 | 10.09 256.4 | 3.25 82.5 | 6.38 162.0 | 76.6 2172 |
| PL-32-32STRM | 2 50,8 | 12.95 329.0 | 3.59 91.2 | 6.38 162.0 | 115.8 3283 |
| PL-40-40STRM | 2-1/2 63,5 | 15.01 381.3 | 4.90 124.5 | 7.96 202.2 | 153.8 4360 |
| PL-48-48STRM | 3 76,2 | 16.36 415.5 | 5.55 141.0 | 8.06 204.7 | C/F C/F |
| PL-64-64STRM | 4 101,6 | 18.40 467.4 | 6.50 165.1 | 12.22 310.4 | C/F C/F |



Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

C/F: Consult Factory

Purge port options (add to end of part number)

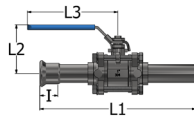
- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

* Important: Valves with tube stubs must be supplied with ASTM A269 compliant tube ends, tube stubs that do not meet this specification may not work with Presslok fittings and will not be covered by Evans standard warranty. Evans PL Series ball valves meet this standard.

PL/PLH Series Ball Valve Assemblies

S.S. Ball Valve

w/ Evans PL Series Tube
Extension x Presslok Connection



| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|-----------------------|---------------|---------------------------|---------------|----------------|--------------|---------------------------------|
| | | L1 | L2 | L3 | I | |
| PL-08-08 STRM-PLT* | 1/2 12,7 | 6.71 170.5 | 2.35 59.8 | 3.63 92.3 | 0.81 20.7 | 18.3 517 |
| PL-12-12 STRM-PLT* | 3/4 19,05 | 7.64 194.1 | 2.59 65.7 | 3.99 101.4 | 0.9 22.8 | 30.6 867 |
| PL-16-16 STRM-PLT* | 1 25,4 | 8.62 218.9 | 2.68 68.2 | 5 127.1 | 0.96 24.4 | 40.8 1155 |
| PL-24-24 STRM-PLT* | 1-1/2 38,1 | 10.09 256.4 | 3.25 82.5 | 6.38 162 | 1.09 27.7 | 76.7 2174 |
| PL-32-32 STRM-PLT* | 2 50,8 | 12.95 329 | 3.59 91.2 | 6.38 162 | 1.53 38.8 | 116.2 3293 |
| PL-40-40 STRM-PLT* | 2-1/2 63,5 | 16.08 408.3 | 4.90 124.5 | 7.96 202.2 | 2.32 58.9 | 157.3 4459 |
| PL-48-48 STRM-PLT* | 3 76,2 | 17.81 452.4 | 5.55 141.0 | 8.06 204.7 | 2.60 65.9 | C/F C/F |
| PL-64-64 STRM-PLT* | 4 101,6 | 20.39 517.9 | 6.50 165.1 | 12.22 310.4 | 2.91 73.8 | C/F C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material
E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

** Insert: Preferred Pipe Material

G - 304L SCH 10S Pipe
L - 316L SCH 10S Pipe

C/F: Consult Factory

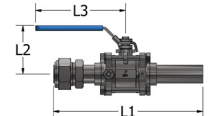
Purge port options (add to end of part number)

- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

* Important: Valves with tube stubs must be supplied with ASTM A269 compliant tube ends, tube stubs that do not meet this specification may not work with Presslok fittings and will not be covered by Evans standard war-ranty. Evans PL Series ball valves meet this standard.

S.S. Ball Valve

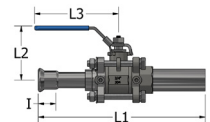
w/ Evans PL Series Tube
Extension x Capped Compression



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|---------------|---------------|---------------------------|--------------|---------------|---------------------------------|
| | | L1 | L2 | L3 | |
| PL-08-08STRMD | 1/2 12,7 | 6.31 160.2 | 2.35 59.8 | 3.63 92.3 | C/F C/F |
| PL-12-12STRMD | 3/4 19,05 | 7.08 179.8 | 2.59 65.7 | 3.99 101.4 | C/F C/F |
| PL-16-16STRMD | 1 25,4 | 8.31 211.1 | 2.68 68.2 | 5.00 127.1 | C/F C/F |
| PL-24-24STRMD | 1-1/2 38,1 | 10.84 275.4 | 3.25 82.5 | 6.38 162.0 | C/F C/F |
| PL-32-32STRMD | 2 50,8 | 13.15 334.0 | 3.59 91.2 | 6.38 162.0 | C/F C/F |

S.S. Ball Valve

w/ Evans PL Series Pipe
Extension x Presslok Connection

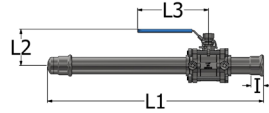


| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|--------------------------|---------------|---------------------------|--------------|---------------|--------------|---------------------------------|
| | | L1 | L2 | L3 | I | |
| PL-08-08 STR** - PLT* | 1/2 12,7 | C/F C/F | 2.35 59.8 | 3.63 92.3 | 0.81 20.7 | C/F C/F |
| PL-12-12 STR** - PLT* | 3/4 19,05 | C/F C/F | 2.59 65.7 | 3.99 101.4 | 0.9 22.8 | C/F C/F |
| PL-16-16 STR** - PLT* | 1 25,4 | C/F C/F | 2.68 68.2 | 5 127.1 | 0.96 24.4 | C/F C/F |
| PL-24-24 STR** - PLT* | 1-1/2 38,1 | C/F C/F | 3.25 82.5 | 6.38 162 | 1.09 27.7 | C/F C/F |
| PL-32-32 STR** - PLT* | 2 50,8 | C/F C/F | 3.59 91.2 | 6.38 162 | 1.53 38.8 | C/F C/F |
| PL-40-40 STR** - PLT* | 2-1/2 63,5 | C/F C/F | 3.81 96.6 | 7.27 184.6 | 2.32 58.9 | C/F C/F |
| PL-48-48 STR** - PLT* | 3 76,2 | C/F C/F | C/F C/F | C/F C/F | 2.60 65.9 | C/F C/F |
| PL-64-64 STR** - PLT* | 4 101,6 | C/F C/F | C/F C/F | C/F C/F | 2.91 73.8 | C/F C/F |

PL/PLH Series Ball Valve Assemblies

Stainless Steel Ball Valve

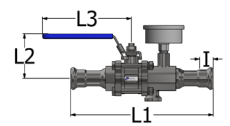
w/ Evans Presslok X
Presslok Capped Tube



| Part Number | SIZE | Dimensions - Inches | | | | Approx. Weight Each |
|--------------------------|---------------|---------------------|--------------|---------------|--------------|---------------------|
| | | mm | | | | |
| | | L1 | L2 | L3 | I | oz. / gm |
| PL-08-08 STRPLT*-MPLC | 1/2 12,7 | C/F C/F | 2.35 59.8 | 3.63 92.3 | 0.81 20.7 | 18.4 522 |
| PL-12-12 STRPLT*-MPLC | 3/4 19,05 | C/F C/F | 2.59 65.7 | 3.99 101.4 | 0.9 22.8 | 30.8 873 |
| PL-16-16 STRPLT*-MPLC | 1 25,4 | C/F C/F | 2.68 68.2 | 5 127.1 | 0.96 24.4 | 41.2 1168 |
| PL-24-24 STRPLT*-MPLC | 1-1/2 38,1 | 19.43 493.6 | 3.25 82.5 | 6.38 162 | 1.09 27.7 | 76.8 2177 |
| PL-32-32 STRPLT*-MPLC | 2 50,8 | 23.81 604.8 | 3.59 91.2 | 6.38 162 | 1.53 38.8 | 116.5 3303 |
| PL-40-40 STRPLT*-MPLC | 2-1/2 63,5 | C/F C/F | 3.81 96.6 | 7.27 184.6 | 2.32 58.9 | 160.8 4559 |
| PL-48-48 STRPLT*-MPLC | 3 76,2 | C/F C/F | C/F C/F | C/F C/F | 2.60 65.9 | C/F C/F |
| PL-64-64 STRPLT*-MPLC | 4 101,6 | C/F C/F | C/F C/F | C/F C/F | 2.91 73.8 | C/F C/F |

Stainless Steel Ball Valve

Evans Presslok Connections
& 0-160 psig Gauge



| Part Number | SIZE | Dimensions - Inches | | | | Approx. Weight Each |
|--------------------------|---------------|---------------------|--------------|---------------|--------------|---------------------|
| | | mm | | | | |
| | | L1 | L2 | L3 | I | oz. / gm |
| PL-08-08ST RPLT*-G160 | 1/2 12,7 | 6.91 175.5 | 2.1 53.3 | 3.95 100.3 | 0.81 20.7 | C/F C/F |
| PL-12-12ST RPLT*-G160 | 3/4 19,05 | 7.83 198.9 | 2.30 58.4 | 5.10 129.5 | 0.90 22.8 | C/F C/F |
| PL-16-16ST RPLT*-G160 | 1 25,4 | 7.26 184.4 | 2.95 74.9 | 6.10 154.9 | 0.96 24.4 | C/F C/F |
| PL-24-24ST RPLT*-G160 | 1-1/2 38,1 | 9.68 245.9 | 3.67 93.2 | 7.36 186.9 | 1.09 27.7 | C/F C/F |
| PL-32-32ST RPLT*-G160 | 2 50,8 | C/F C/F | 3.90 99.1 | 7.25 184.2 | 1.53 38.8 | C/F C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

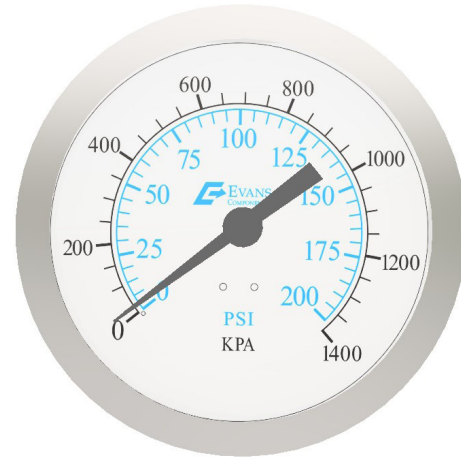
C/F: Consult Factory

* Important: Valves with tube stubs must be supplied with ASTM A269 compliant tube ends, tube stubs that do not meet this specification may not work with Presslok fittings and will not be covered by Evans standard warranty. Evans PL Series ball valves meet this standard.

Purge port options (add to end of part number)

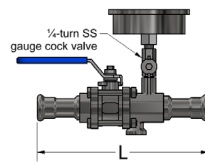
- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

0-1400 KPA (0-200 PSI) Large Faced Pressure gauge Valves



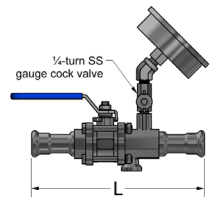
Stainless Steel Ball Valve

Evans Presslok Connections
1400 kpa Gauge



Stainless Steel Ball Valve

Evans Presslok Connections
1400 kpa Gauge at 45°



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each oz. / gm |
|-----------------------------|---------------|------------------------|--------------|---------------------------------|
| | | L | I | |
| PL-08-08STRPLT*-04MV-4G1400 | 1/2 12,7 | C/F C/F | 0.81 20.7 | C/F C/F |
| PL-12-12STRPLT*-04MV-4G1400 | 3/4 19,05 | C/F C/F | 0.90 22.8 | C/F C/F |
| PL-16-16STRPLT*-04MV-4G1400 | 1 25,4 | C/F C/F | 0.96 24.4 | C/F C/F |
| PL-24-24STRPLT*-04MV-4G1400 | 1-1/2 38,1 | C/F C/F | 1.09 27.7 | C/F C/F |
| PL-32-32STRPLT*-04MV-4G1400 | 2 50,8 | C/F C/F | 1.53 38.8 | C/F C/F |

| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each oz. / gm |
|--------------------------------|---------------|------------------------|--------------|---------------------------------|
| | | L | I | |
| PL-08-08STRPLT*-04MV-45-4G1400 | 1/2 12,7 | C/F C/F | 0.81 20.7 | C/F C/F |
| PL-12-12STRPLT*-04MV-45-4G1400 | 3/4 19,05 | C/F C/F | 0.90 22.8 | C/F C/F |
| PL-16-16STRPLT*-04MV-45-4G1400 | 1 25,4 | C/F C/F | 0.96 24.4 | C/F C/F |
| PL-24-24STRPLT*-04MV-45-4G1400 | 1-1/2 38,1 | C/F C/F | 1.09 27.7 | C/F C/F |
| PL-32-32STRPLT*-04MV-45-4G1400 | 2 50,8 | C/F C/F | 1.53 38.8 | C/F C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material
E - EPDM

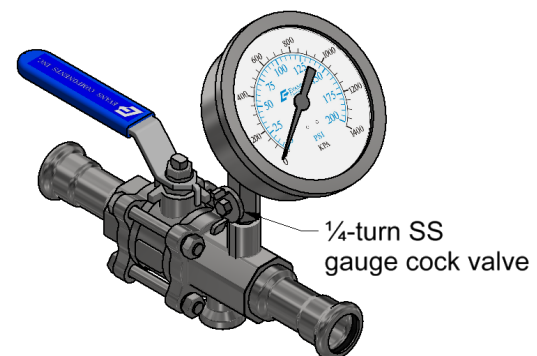
V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

C/F: Consult Factory

* Important: Valves with tube stubs must be supplied with ASTM A269 compliant tube ends, tube stubs that do not meet this specification may not work with Presslok fittings and will not be covered by Evans standard warranty. Evans PL Series ball valves meet this standard.

Purge port options (add to end of part number)

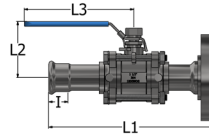
- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal



PL/PLH Series Ball Valve Assemblies

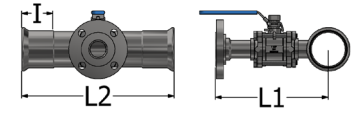
Stainless Steel Ball Valve

Evans PL Series Tube
Extension x Flange Adapter ANSI 150#



Evans SHC Ball Valve

Presslok Connection
Main x ANSI 150# Branch



| Part Number | SIZE | Dimensions - Inches | | | | Approx. Weight Each |
|----------------------|-------|---------------------|------|-------|------|---------------------|
| | | mm | | | | |
| | | L1 | L2 | L3 | I | oz. / gm |
| PL-08-08 STRUPLT* | 1/2 | 6.78 | 2.35 | 3.63 | 0.81 | 32.6 |
| | 12,7 | 172.2 | 59.8 | 92.3 | 20.7 | 925 |
| PL-12-12 STRUPLT* | 3/4 | 7.88 | 2.59 | 3.99 | 0.90 | 51.3 |
| | 19,05 | 200.1 | 65.7 | 101.4 | 22.8 | 1455 |
| PL-16-16 STRUPLT* | 1 | 8.98 | 2.68 | 5.00 | 0.96 | 69.1 |
| | 25,4 | 228.1 | 68.2 | 127.1 | 24.4 | 1958 |
| PL-24-24 STRUPLT* | 1-1/2 | 9.73 | 3.25 | 6.38 | 1.09 | 124.9 |
| | 38,1 | 247.1 | 82.5 | 162.0 | 27.7 | 3541 |
| PL-32-32 STRUPLT* | 2 | 13.11 | 3.59 | 6.38 | 1.53 | 194.0 |
| | 50,8 | 332.9 | 91.2 | 162.0 | 38.8 | 5500 |
| PL-40-40 STRUPLT* | 2-1/2 | C/F | C/F | C/F | 2.32 | C/F |
| | 63,5 | C/F | C/F | C/F | 58.9 | C/F |
| PL-48-48 STRUPLT* | 3 | C/F | C/F | C/F | 2.60 | C/F |
| | 76,2 | C/F | C/F | C/F | 65.9 | C/F |
| PL-64-64 STRUPLT* | 4 | C/F | C/F | C/F | 2.91 | C/F |
| | 101,6 | C/F | C/F | C/F | 73.8 | C/F |

| Part Number | SIZE | Dimensions - Inches | | | Approx. Weight Each |
|-----------------------|--------------|---------------------|-------|------|---------------------|
| | | mm | | | |
| | | L1 | L2 | I | oz. / gm |
| PL-16-24 SHCPLT*-U | 1-1/2 x 1 | C/F | 7.88 | 1.09 | C/F |
| | 38,1 x 25,4 | C/F | 200.2 | 27.7 | C/F |
| PL-16-32 SHCPLT*-U | 2 x 1 | C/F | 10.05 | 1.53 | C/F |
| | 50,8 x 25,4 | C/F | 255.3 | 38.8 | C/F |
| PL-24-32 SHCPLT*-U | 2 x 1-1/2 | C/F | 10.05 | 1.53 | C/F |
| | 50,8 x 38,1 | C/F | 255.3 | 38.8 | C/F |
| PL-16-48 SHCPLT*-U | 3 x 1 | C/F | 13.00 | 2.60 | C/F |
| | 76,2 x 25,4 | C/F | 330.2 | 65.9 | C/F |
| PL-24-48 SHCPLT*-U | 3 x 1-1/2 | C/F | 13.00 | 2.60 | C/F |
| | 76,2 x 38,1 | C/F | 330.2 | 65.9 | C/F |
| PL-32-48 SHCPLT*-U | 3 x 2 | C/F | 13.00 | 2.60 | C/F |
| | 76,2 x 50,8 | C/F | 330.2 | 65.9 | C/F |
| PL-16-64 SHCPLT*-U | 4 x 1 | C/F | 15.61 | 0.96 | C/F |
| | 101,6 x 25,4 | C/F | 396.5 | 24.4 | C/F |
| PL-24-64 SHCPLT*-U | 4 x 1-1/2 | C/F | 15.61 | 2.91 | C/F |
| | 101,6 x 38,1 | C/F | 396.5 | 73.8 | C/F |
| PL-32-64 SHCPLT*-U | 4 x 2 | C/F | 15.61 | 2.91 | C/F |
| | 101,6 x 50,8 | C/F | 396.5 | 73.8 | C/F |
| PL-48-64 SHCPLT*-U | 4 x 3 | C/F | 15.61 | 2.91 | C/F |
| | 101,6 x 76,2 | C/F | 396.5 | 73.8 | C/F |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

C/F: Consult Factory

Purge port options (add to end of part number)

- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

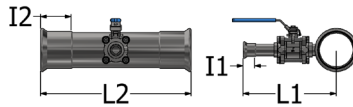
Note: for PVC Blind flange attached to end of valve, add -PVC to end of part number

PL/PLH Series Ball Valve Assemblies

Evans SHC Ball Valve

Presslok Connection

Main x Presslok Connection Branch



| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|--------------------------|-----------------------------|---------------------------|----------------|--------------|--------------|---------------------------------------|
| | | L1 | L2 | I1 | I2 | |
| PL-08-12SH CPLT*-PLT* | 3/4 x 1/2 19,05 x 12,7 | C/F C/F | 6.37 161.8 | 0.81 20.7 | 0.90 22.8 | C/F C/F |
| PL-08-16SH CPLT*-PLT* | 1 x 1/2 25,4 x 12,7 | C/F C/F | 7.00 177.8 | 0.81 20.7 | 0.96 24.4 | C/F C/F |
| PL-12-16SH CPLT*-PLT* | 1 x 3/4 25,4 x 19,05 | C/F C/F | 7.00 177.8 | 0.90 22.8 | 0.96 24.4 | C/F C/F |
| PL-08-24SH CPLT*-PLT* | 1-1/2 x 1/2 38,1 x 12,7 | C/F C/F | 7.88 200.2 | 0.81 20.7 | 1.09 27.7 | C/F C/F |
| PL-12-24SH CPLT*-PLT* | 1-1/2 x 3/4 38,1 x 19,05 | C/F C/F | 7.88 200.2 | 0.90 22.8 | 1.09 27.7 | C/F C/F |
| PL-16-24SH CPLT*-PLT* | 1-1/2 x 1 38,1 x 25,4 | C/F C/F | 7.88 200.2 | 0.96 24.4 | 1.09 27.7 | C/F C/F |
| PL-08-32SH CPLT*-PLT* | 2 x 1/2 50,8 x 12,7 | C/F C/F | 10.05 255.3 | 0.81 20.7 | 1.53 38.8 | C/F C/F |
| PL-12-32SH CPLT*-PLT* | 2 x 3/4 50,8 x 19,05 | C/F C/F | 10.05 255.3 | 0.90 22.8 | 1.53 38.8 | C/F C/F |
| PL-16-32SH CPLT*-PLT* | 2 x 1 50,8 x 25,4 | C/F C/F | 10.05 255.3 | 0.96 24.4 | 1.53 38.8 | C/F C/F |
| PL-24-32SH CPLT*-PLT* | 2 x 1-1/2 50,8 x 38,1 | C/F C/F | 10.05 255.3 | 1.09 27.7 | 1.53 38.8 | C/F C/F |
| PL-16-48SH CPLT*-PLT* | 3 x 1 76,2 x 25,4 | C/F C/F | 13.00 330.2 | 0.96 24.4 | 2.60 65.9 | C/F C/F |
| PL-24-48SH CPLT*-PLT* | 3 x 1-1/2 76,2 x 38,1 | C/F C/F | 13.00 330.2 | 1.09 27.7 | 2.60 65.9 | C/F C/F |
| PL-32-48SH CPLT*-PLT* | 3 x 2 76,2 x 50,8 | C/F C/F | 13.00 330.2 | 1.53 38.8 | 2.60 65.9 | C/F C/F |
| PL-16-64SH CPLT*-PLT* | 4 x 1 101,6 x 25,4 | C/F C/F | 15.61 396.5 | 0.96 24.4 | 2.91 73.8 | C/F C/F |
| PL-24-64SH CPLT*-PLT* | 4 x 1-1/2 101,6 x 38,1 | C/F C/F | 15.61 396.5 | 1.09 27.7 | 2.91 73.8 | C/F C/F |
| PL-32-64SH CPLT*-PLT* | 4 x 2 101,6 x 50,8 | C/F C/F | 15.61 396.5 | 1.53 38.8 | 2.91 73.8 | C/F C/F |
| PL-48-64SH CPLT*-PLT* | 4 x 3 101,6 x 76,2 | C/F C/F | C/F C/F | C/F C/F | 2.91 73.8 | C/F C/F |

Purge port options (add to end of part number)

- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

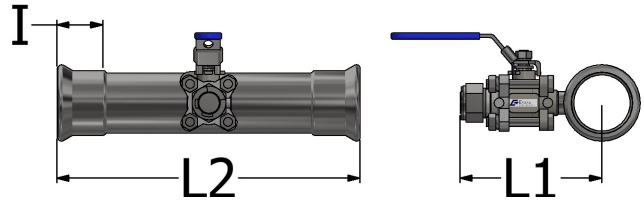
C/F: Consult Factory

PL/PLH Series Ball Valve Assemblies

Evans SHC Ball Valve

Presslok Connection

Main x Capped Compression Branch



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|------------------------|----------------------------|---------------------------|---------------|--------------|---------------------------------------|
| | | L1 | L2 | I | |
| PL-04-08SH CPLT*D04 | 1/2 x 1/4 12,7 x 6,35 | 3.32 84.3 | 5.98 151.9 | 0.83 21.2 | C/F C/F |
| PL-06-08SH CPLT*D06 | 1/2 x 3/8 12,7 x 9,53 | 3.32 84.3 | 5.98 151.9 | 0.83 21.2 | C/F C/F |
| PL-08-08SH CPLT*D08 | 1/2 x 1/2 12,7 x 12,7 | 3.64 92.5 | 5.98 151.9 | 0.83 21.2 | C/F C/F |
| PL-04-12SH CPLT*D04 | 3/4 x 1/4 19,05 x 6,35 | 3.47 88.0 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-06-12SH CPLT*D06 | 3/4 x 3/8 19,05 x 9,53 | 3.47 88.0 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-08-12SH CPLT*D08 | 3/4 x 1/2 19,05 x 12,7 | 3.72 94.4 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-12-12SH CPLT*D12 | 3/4 x 3/4 19,05 x 19,05 | 4.04 102.5 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-04-16SH CPLT*D04 | 1 x 1/4 25,4 x 6,35 | 3.66 93.0 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-06-16SH CPLT*D06 | 1 x 3/8 25,4 x 9,35 | 3.66 93.0 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-08-16SH CPLT*D08 | 1 x 1/2 25,4 x 12,7 | 3.84 97.5 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-12-16SH CPLT*D12 | 1 x 3/4 25,4 x 19,05 | 4.16 105.7 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-16-16SH CPLT*D16 | 1 x 1 25,4 x 25,4 | 4.45 113.0 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-04-24SH CPLT*D04 | 1-1/2 x 1/4 38,1 x 6,35 | 3.84 97.5 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-06-24SH CPLT*D06 | 1-1/2 x 3/8 38,1 x 9,35 | 3.84 97.5 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-08-24SH CPLT*D08 | 1-1/2 x 1/2 38,1 x 12,7 | 4.12 104.6 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-12-24SH CPLT*D12 | 1-1/2 x 3/4 38,1 x 50,8 | 4.45 113.0 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-16-24SH CPLT*D16 | 1-1/2 x 1 38,1 x 76,2 | 4.71 119.6 | 7.88 200.2 | 1.09 27.7 | C/F C/F |

| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|------------------------|-----------------------------|---------------------------|----------------|--------------|---------------------------------------|
| | | L1 | L2 | I | |
| PL-08-32SH CPLT*D08 | 2 x 1/2 50,8 x 12,7 | 4.36 110.7 | 10.05 255.3 | 1.53 38.8 | C/F C/F |
| PL-12-32SH CPLT*D12 | 2 x 3/4 50,8 x 19,05 | 4.71 119.6 | 10.05 255.3 | 1.53 38.8 | C/F C/F |
| PL-16-32SH CPLT*D16 | 2 x 1 50,8 x 25,4 | 5.00 127.0 | 10.05 255.3 | 1.53 38.8 | C/F C/F |
| PL-08-40SH CPLT*D08 | 2-1/2 x 1/2 63,5 x 12,7 | 4.54 115.3 | 11.70 297.2 | 2.32 58.8 | C/F C/F |
| PL-12-40SH CPLT*D12 | 2-1/2 x 3/4 63,5 x 19,05 | 4.86 123.4 | 11.70 297.2 | 2.32 58.8 | C/F C/F |
| PL-16-40SH CPLT*D16 | 2-1/2 x 1 63,5 x 25,4 | 5.15 130.8 | 11.70 297.2 | 2.32 58.8 | C/F C/F |
| PL-08-48SH CPLT*D08 | 3 x 1/2 76,2 x 12,7 | 4.94 125.5 | 13.00 330.2 | 2.60 65.9 | C/F C/F |
| PL-12-48SH CPLT*D12 | 3 x 3/4 76,2 x 19,05 | 5.21 132.3 | 13.00 330.2 | 2.60 65.9 | C/F C/F |
| PL-16-48SH CPLT*D16 | 3 x 1 76,2 x 25,4 | 5.55 141.0 | 13.00 330.2 | 2.60 65.9 | C/F C/F |
| PL-08-64SH CPLT*D08 | 4 x 1/2 101,6 x 12,7 | 5.39 136.9 | 15.61 396.5 | 2.91 73.8 | C/F C/F |
| PL-12-64SH CPLT*D12 | 4 x 3/4 101,6 x 19,05 | 5.81 147.6 | 15.61 396.5 | 2.91 73.8 | C/F C/F |
| PL-16-64SH CPLT*D16 | 4 x 1 101,6 x 25,4 | 6.10 154.9 | 15.61 396.5 | 2.91 73.8 | C/F C/F |

Purge port options (add to end of part number)

- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

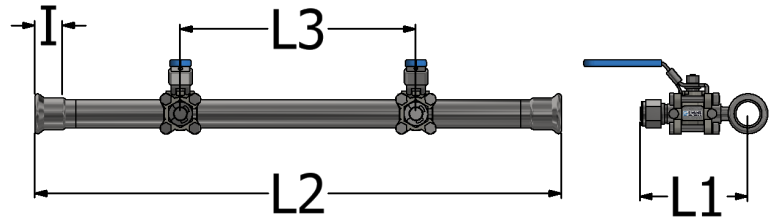
C/F: Consult Factory

PL/PLH Series Ball Valve Assemblies

Evans SHC2 Ball Valve

Presslok Connection

Main x Capped Compression Branches



| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|-------------------------|----------------------------|---------------------------|----------------|---------------|--------------|---------------------------------------|
| | | L1 | L2 | L3 | I | |
| PL-04-08SH C2PLT*D04 | 1/2 x 1/4 12,7 x 6,35 | 3.32 84.3 | 19.00 482.6 | 8.50 215.9 | 0.83 21.2 | C/F C/F |
| PL-06-08SH C2PLT*D06 | 1/2 x 3/8 12,7 x 9,53 | 3.32 84.3 | 19.00 482.6 | 8.50 215.9 | 0.83 21.2 | C/F C/F |
| PL-08-08SH C2PLT*D08 | 1/2 x 1/2 12,7 x 12,7 | 3.64 92.5 | 19.00 482.6 | 8.50 215.9 | 0.83 21.2 | C/F C/F |
| PL-04-12SH C2PLT*D04 | 3/4 x 1/4 19,05 x 6,35 | 3.47 88.0 | 19.00 482.6 | 8.50 215.9 | 0.90 22.8 | C/F C/F |
| PL-06-12SH C2PLT*D06 | 3/4 x 3/8 19,05 x 9,53 | 3.47 88.0 | 19.00 482.6 | 8.50 215.9 | 0.90 22.8 | C/F C/F |
| PL-08-12SH C2PLT*D08 | 3/4 x 1/2 19,05 x 12,7 | 3.72 94.4 | 19.00 482.6 | 8.50 215.9 | 0.90 22.8 | C/F C/F |
| PL-12-12SH C2PLT*D12 | 3/4 x 3/4 19,05 x 19,05 | 4.04 102.5 | 19.00 482.6 | 8.50 215.9 | 0.90 22.8 | C/F C/F |
| PL-04-16SH C2PLT*D04 | 1 x 1/4 25,4 x 6,35 | 3.66 93.0 | 19.00 482.6 | 8.50 215.9 | 0.96 24.4 | C/F C/F |
| PL-06-16SH C2PLT*D06 | 1 x 3/8 25,4 x 9,53 | 3.66 93.0 | 19.00 482.6 | 8.50 215.9 | 0.96 24.4 | C/F C/F |
| PL-08-16SH C2PLT*D08 | 1 x 1/2 25,4 x 12,7 | 3.84 97.5 | 19.00 482.6 | 8.50 215.9 | 0.96 24.4 | C/F C/F |
| PL-12-16SH C2PLT*D12 | 1 x 3/4 25,4 x 19,05 | 4.16 105.7 | 19.00 482.6 | 8.50 215.9 | 0.96 24.4 | C/F C/F |
| PL-16-16SH C2PLT*D16 | 1 x 1 25,4 x 25,4 | 4.45 113.0 | 19.00 482.6 | 8.50 215.9 | 0.96 24.4 | C/F C/F |
| PL-04-24SH C2PLT*D04 | 1-1/2 x 1/4 38,1 x 6,35 | 3.84 97.5 | 19.00 482.6 | 8.50 215.9 | 1.09 27.7 | C/F C/F |
| PL-06-24SH C2PLT*D06 | 1-1/2 x 3/8 38,1 x 9,53 | 3.84 97.5 | 19.00 482.6 | 8.50 215.9 | 1.09 27.7 | C/F C/F |
| PL-08-24SH C2PLT*D08 | 1-1/2 x 1/2 38,1 x 12,7 | 4.12 104.6 | 19.00 482.6 | 8.50 215.9 | 1.09 27.7 | C/F C/F |
| PL-12-24SH C2PLT*D12 | 1-1/2 x 3/4 38,1 x 50,8 | 4.45 113.0 | 19.00 482.6 | 8.50 215.9 | 1.09 27.7 | C/F C/F |
| PL-16-24SH C2PLT*D16 | 1-1/2 x 1 38,1 x 76,2 | 4.71 119.6 | 19.00 482.6 | 8.50 215.9 | 1.09 27.7 | C/F C/F |

| Part Number | SIZE | Dimensions - Inches mm | | | | Approx. Weight Each oz. / gm |
|-------------------------|-----------------------------|---------------------------|----------------|---------------|--------------|---------------------------------------|
| | | L1 | L2 | L3 | I | |
| PL-08-32SH C2PLT*D08 | 2 x 1/2 50,8 x 12,7 | 4.36 110.7 | 19.00 482.6 | 8.50 215.9 | 1.53 38.8 | C/F C/F |
| PL-12-32SH C2PLT*D12 | 2 x 3/4 50,8 x 19,05 | 4.71 119.6 | 19.00 482.6 | 8.50 215.9 | 1.53 38.8 | C/F C/F |
| PL-16-32SH C2PLT*D16 | 2 x 1 50,8 x 25,4 | 5.00 127.0 | 19.00 482.6 | 8.50 215.9 | 1.53 38.8 | C/F C/F |
| PL-08-40SH C2PLT*D08 | 2-1/2 x 1/2 63,5 x 12,7 | 4.54 115.3 | 19.00 482.6 | 8.50 215.9 | 2.32 58.8 | C/F C/F |
| PL-12-40SH C2PLT*D12 | 2-1/2 x 3/4 63,5 x 19,05 | 4.86 123.4 | 19.00 482.6 | 8.50 215.9 | 2.32 58.8 | C/F C/F |
| PL-16-40SH C2PLT*D16 | 2-1/2 x 1 63,5 x 25,4 | 5.15 130.8 | 19.00 482.6 | 8.50 215.9 | 2.32 58.8 | C/F C/F |
| PL-08-48SH C2PLT*D08 | 3 x 1/2 76,2 x 12,7 | 4.94 125.5 | 19.00 482.6 | 8.50 215.9 | 2.60 65.9 | C/F C/F |
| PL-12-48SH C2PLT*D12 | 3 x 3/4 76,2 x 19,05 | 5.21 132.3 | 19.00 482.6 | 8.50 215.9 | 2.60 65.9 | C/F C/F |
| PL-16-48SH C2PLT*D16 | 3 x 1 76,2 x 25,4 | 5.55 141.0 | 19.00 482.6 | 8.50 215.9 | 2.60 65.9 | C/F C/F |
| PL-08-64SH C2PLT*D08 | 4 x 1/2 101,6 x 12,7 | 5.39 136.9 | 19.00 482.6 | 8.50 215.9 | 2.91 73.8 | C/F C/F |
| PL-12-64SH C2PLT*D12 | 4 x 3/4 101,6 x 19,05 | 5.81 147.6 | 19.00 482.6 | 8.50 215.9 | 2.91 73.8 | C/F C/F |
| PL-16-64SH C2PLT*D16 | 4 x 1 101,6 x 25,4 | 6.10 154.9 | 19.00 482.6 | 8.50 215.9 | 2.91 73.8 | C/F C/F |

Purge port options (add to end of part number)

- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

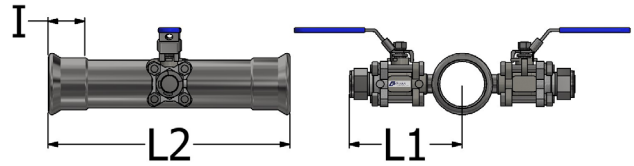
C/F: Consult Factory

PL/PLH Series Ball Valve Assemblies

Evans DHC Ball Valve

Presslok Connection

Main x Capped Compression Branches



| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|------------------------|----------------------------|---------------------------|---------------|--------------|---------------------------------------|
| | | L1 | L2 | I | |
| PL-04-08DH CPLT*D04 | 1/2 x 1/4 12,7 x 6,35 | 3.32 84.3 | 5.98 151.9 | 0.83 21.2 | C/F C/F |
| PL-06-08DH CPLT*D06 | 1/2 x 3/8 12,7 x 9,53 | 3.32 84.3 | 5.98 151.9 | 0.83 21.2 | C/F C/F |
| PL-08-08DH CPLT*D08 | 1/2 x 1/2 12,7 x 12,7 | 3.64 92.5 | 5.98 151.9 | 0.83 21.2 | C/F C/F |
| PL-04-12DH CPLT*D04 | 3/4 x 1/4 19,05 x 6,35 | 3.47 88.0 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-06-12DH CPLT*D06 | 3/4 x 3/8 19,05 x 9,53 | 3.47 88.0 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-08-12DH CPLT*D08 | 3/4 x 1/2 19,05 x 12,7 | 3.72 94.4 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-12-12DH CPLT*D12 | 3/4 x 3/4 19,05 x 19,05 | 4.04 102.5 | 6.37 161.8 | 0.90 22.8 | C/F C/F |
| PL-04-16DH CPLT*D04 | 1 x 1/4 25,4 x 6,35 | 3.66 93.0 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-06-16DH CPLT*D06 | 1 x 3/8 25,4 x 9,35 | 3.66 93.0 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-08-16DH CPLT*D08 | 1 x 1/2 25,4 x 12,7 | 3.84 97.5 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-12-16DH CPLT*D12 | 1 x 3/4 25,4 x 19,05 | 4.16 105.7 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-16-16DH CPLT*D16 | 1 x 1 25,4 x 25,4 | 4.45 113.0 | 7.00 177.8 | 0.96 24.4 | C/F C/F |
| PL-04-24DH CPLT*D04 | 1-1/2 x 1/4 38,1 x 6,35 | 3.84 97.5 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-06-24DH CPLT*D06 | 1-1/2 x 3/8 38,1 x 9,35 | 3.84 97.5 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-08-24DH CPLT*D08 | 1-1/2 x 1/2 38,1 x 12,7 | 4.12 104.6 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-12-24DH CPLT*D12 | 1-1/2 x 3/4 38,1 x 50,8 | 4.45 113.0 | 7.88 200.2 | 1.09 27.7 | C/F C/F |
| PL-16-24DH CPLT*D16 | 1-1/2 x 1 38,1 x 76,2 | 4.71 119.6 | 7.88 200.2 | 1.09 27.7 | C/F C/F |

| Part Number | SIZE | Dimensions - Inches mm | | | Approx. Weight Each oz. / gm |
|------------------------|-----------------------------|---------------------------|----------------|--------------|---------------------------------------|
| | | L1 | L2 | I | |
| PL-08-32DH CPLT*D08 | 2 x 1/2 50,8 x 12,7 | 4.36 110.7 | 10.05 255.3 | 1.53 38.8 | C/F C/F |
| PL-12-32DH CPLT*D12 | 2 x 3/4 50,8 x 19,05 | 4.71 119.6 | 10.05 255.3 | 1.53 38.8 | C/F C/F |
| PL-16-32DH CPLT*D16 | 2 x 1 50,8 x 25,4 | 5.00 127.0 | 10.05 255.3 | 1.53 38.8 | C/F C/F |
| PL-08-40DH CPLT*D08 | 2-1/2 x 1/2 63,5 x 12,7 | 4.54 115.3 | 11.70 297.2 | 2.32 58.8 | C/F C/F |
| PL-12-40DH CPLT*D12 | 2-1/2 x 3/4 63,5 x 19,05 | 4.86 123.4 | 11.70 297.2 | 2.32 58.8 | C/F C/F |
| PL-16-40DH CPLT*D16 | 2-1/2 x 1 63,5 x 25,4 | 5.15 130.8 | 11.70 297.2 | 2.32 58.8 | C/F C/F |
| PL-08-48DH CPLT*D08 | 3 x 1/2 76,2 x 12,7 | 4.94 125.5 | 13.00 330.2 | 2.60 65.9 | C/F C/F |
| PL-12-48DH CPLT*D12 | 3 x 3/4 76,2 x 19,05 | 5.21 132.3 | 13.00 330.2 | 2.60 65.9 | C/F C/F |
| PL-16-48DH CPLT*D16 | 3 x 1 76,2 x 25,4 | 5.55 141.0 | 13.00 330.2 | 2.60 65.9 | C/F C/F |
| PL-08-64DH CPLT*D08 | 4 x 1/2 101,6 x 12,7 | 5.39 136.9 | 15.61 396.5 | 2.91 73.8 | C/F C/F |
| PL-12-64DH CPLT*D12 | 4 x 3/4 101,6 x 19,05 | 5.81 147.6 | 15.61 396.5 | 2.91 73.8 | C/F C/F |
| PL-16-64DH CPLT*D16 | 4 x 1 101,6 x 25,4 | 6.10 154.9 | 15.61 396.5 | 2.91 73.8 | C/F C/F |

Purge port options (add to end of part number)

- XP - Downstream capped compression
- PX - Upstream capped compression
- PP - Upstream/downstream capped compression
- XZ - Downstream capped male face seal
- ZX - Upstream capped male face seal
- ZZ - Upstream/downstream capped male face seal

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

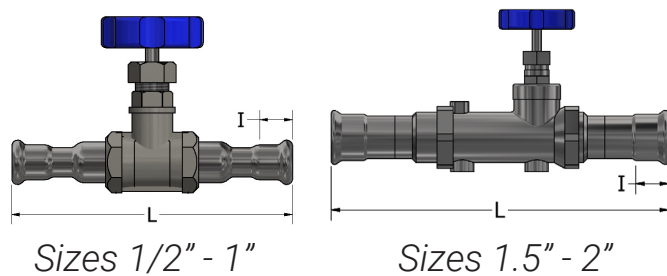
C/F: Consult Factory

Presslok Globe Valves

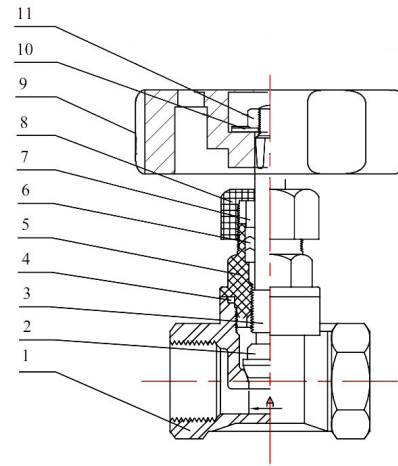
Dimensional / Ordering Information

Stainless Steel Globe Valve

w/ Evans Presslok
Connections



Stainless Steel Globe Valve Materials



| Part Number | SIZE | Dimensions - Inches mm | | Approx. Weight Each oz. / gm |
|--------------|-------|---------------------------|------|---------------------------------------|
| | | L | I | |
| PL-08GV-PLT* | 1/2 | C/F | 0.81 | C/F |
| | 12,7 | C/F | 20.7 | C/F |
| PL-12GV-PLT* | 3/4 | C/F | 0.90 | C/F |
| | 19,05 | C/F | 22.8 | C/F |
| PL-16GV-PLT* | 1 | C/F | 0.96 | C/F |
| | 25,4 | C/F | 24.4 | C/F |
| PL-24GV-PLT* | 1-1/2 | 12.78 | 1.09 | C/F |
| | 38,1 | 324.6 | 27.7 | C/F |
| PL-32GV-PLT* | 2 | 15.85 | 1.53 | C/F |
| | 50,8 | 402.6 | 38.8 | C/F |

| Material List | | |
|---------------|------------------|----------|
| No. | Item | Material |
| 1 | BODY | CF8M |
| 2 | DISC | SUS316 |
| 3 | STEM | SUS316 |
| 4 | GASKET | TEFLON |
| 5 | BONNET | CF8M |
| 6 | STEM PACKING | TEFLON |
| 7 | GLAND | SUS304 |
| 8 | GLAND NUT | CF8M |
| 9 | HANDLE WHEEL | ALUMINUM |
| 10 | NAME PLATE | ALUMINUM |
| 11 | HANDLE WHEEL NUT | SUS304 |

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

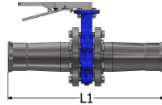
E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

C/F: Consult Factory

DB Series Butterfly Valves w/ Presslok End Connections

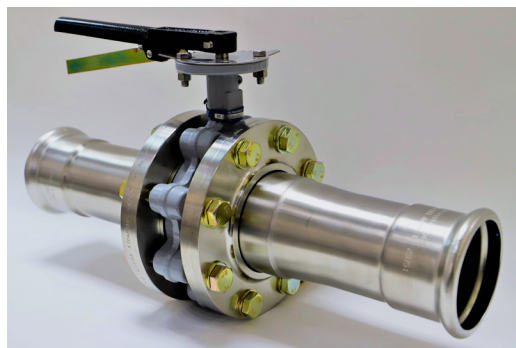
DB Series Epoxy Coated Valve



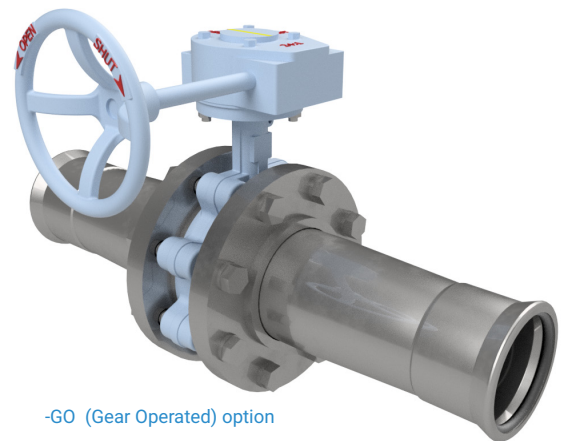
| Item | Description | Material |
|------|---------------|--------------------|
| 1 | Body | ASTM A395 60-40-18 |
| 2 | Bushing | PTFE |
| 3 | Shaft | ASTM A276 410 |
| 4 | Seat | EPDM |
| 5 | Disc | ASTM A351 CF8 |
| 6 | Cone Pin | 316 SS |
| 7 | Rivet | Al |
| 8 | Label | S.S. |
| 9 | Bushing | PTFE |
| 10 | O-Ring | EPDM |
| 11 | Bolt | ASTM A193 B7 |
| 12 | Spring Washer | ASTM A29 1566 |
| 13 | Nut | ASTM A194 2H |
| 14 | Notch Plate | C.S. |
| 15 | Key | ASTM A29 1045 |
| 16 | Lever | Parts |

| Part Number | SIZE | Dimensions - Inches (mm) | | Approx. Weight Each |
|--------------|-------|--------------------------|------|---------------------|
| | | L1 | I | oz. / gm |
| DB-32STRPLT* | 2" | 13.94 | 1.52 | C/F |
| | 50,8 | 354.1 | 38.5 | C/F |
| DB-40STRPLT* | 2.5" | C/F | 2.32 | C/F |
| | 50,8 | C/F | 58.8 | C/F |
| DB-48STRPLT* | 3" | 20.00 | 2.57 | C/F |
| | 76,2 | 508.0 | 65.3 | C/F |
| DB-64STRPLT* | 4" | 24.22 | 2.91 | C/F |
| | 101,6 | 615.2 | 73.9 | C/F |

Optional Handle Types:
 -GO Gear Operated
 -LH Lever Handle Operated



-LH (Lever Handle Operated) option



-GO (Gear Operated) option

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

C/F: Consult Factory

DB & SB Series Butterfly Valves w/ Presslok End Connections

| Valve Series | Design Pressure | Design Temperature | Helium Leak Rate | Class |
|--------------|----------------------|--------------------|------------------------------|-------|
| DB | 150 psig (10.34 bar) | 250°F (121°C) | 1 x 10 ⁻⁷ scc/sec | 150 |
| SB | 150 psig (10.34 bar) | 330°F (165°C) | 1 x 10 ⁻⁷ scc/sec | 150 |

| CV Chart (Water @ 70F, Specific Gravity = 1.00) | |
|---|--|
| Valve Size | CV (Disc Position @ 90° Degrees Open) |
| 2" | 120 |
| 3" | 262 |
| 4" | 430 |

Valve Sizing

Rate of flow through a valve depends upon the pressure drop. The most common method of presenting this information is by Cv. The Cv is the valve coefficient of flow and represents the flow of water in gallons per minute (GPM) with a 1 psi pressure drop through the valve. The higher the Cv the greater the flow and the better the control characteristics. Throttling characteristics are shown in the same manner with Cv's at the various disc openings. Tabulated above are the Cv's for the SB/DB Series Butterfly Valves.

Dimensions are +/-0.2"

* Insert: Preferred O-ring Material

E - EPDM

V - Viton (only available PLHT Series CFOS cleaned and packed in cleanroom). Replace PL with PLH at beginning of part number

C/F: Consult Factory

PART NUMBERING / ORDER INFORMATION

DB-48STRPLTV-LH

1 2 3 4 5

1. Series (Material)

Designator

DB - Epoxy coated Ductile Iron

SB - Stainless Steel

2. Valve Size

32 - 2"

40 - 2.5"

48 - 3"

64 - 4"

3. Valve Assembly Pattern

Designator

STR - Straight 2-way

4. Connection Designator

PLTE - SS Presslok™ (EPDM O-Ring)

PLTV - SS Presslok™ (Viton O-Ring)

M - S.S. Tube Extension

5. Handle Operation Type

GO - Gear Operated

LH - Lever Handle Operated

Presslok Press Tools Details / Ordering Information

Evans 701 Series Press Tool



701 Series Tool Kit Sizes 1/2" thru 2.5"

Product Offering

- Capacity: 1/2", 3/4", 1", 1-1/2", 2" tube sizes
- Forged high strength hardened steel pressing jaws
- Battery Charger : 110v or 230v options (700-Series tools).

Features

- Powerful light weight, compact pressing tool
- Swivel pressing jaw head design
- Ergonomically shaped housing with recessed grip
- Electronic charging status check, charging status LED
- Automatic retraction after pressing of joint
- Powerful Li-ion battery design
- 20% faster & 30% lighter than Ni-cd 12v
- Approximately 50% more pressings vs. Ni-cd 12v
- Approximately 350 pressings for 1/2" size using Li-ion
- No memory effect, maximum battery performance



Kit Description

The Presslok battery-operated tool kit, E701 22V Series. The tool kit includes the actual pressing tool, 5 each (5) jaws 1/2" thru 2", one (1) rapid charger, two rechargeable batteries, one (1) carrying case, shoulder strap, go/no go gauges, depth insertion gauges and a pocket installation guide. Additional jaws, chargers and batteries may be purchased separately.

| Item | Part # | Approx Weight Ea. lb./Kg |
|-----------------------------|---------------|--------------------------|
| 701 Series Tool Kit 110v | E7-22-110-PLT | C/F |
| 701 Series Tool Kit 230v | E7-22-230-PLT | C/F |
| 1/2" Jaws | E7-JK-08 | 3.80 / 1.72 |
| 3/4" Jaws | E7-JK-12 | 4.10 / 1.86 |
| 1" Jaws | E7-JK-16 | 4.00 / 1.81 |
| 1-1/2" Jaws | E7-JK-24 | 4.25 / 1.93 |
| 2" Jaws | E7-JK-32 | 9.75 / 4.42 |
| 701 Series Tool Only | E7-22-110-T | 9.5 / 4.3 |
| 701 Battery Charger (110v) | E7-22-110V | C/F |
| 701 Battery Charger (230v) | E7-22-230V | C/F |
| Li-Ion Rechargeable Battery | E7-22B | C/F |

C/F: Consult Factory

Presslok Press Tools Details / Ordering Information

Evans 801 Series Press Tool



Features

- Compact, robust, job site-proven
- Drive unit only 5.5 kg
- Long working stroke for pressing in single action
- Ergonomically designed housing with soft grip
- Swiveling pressing tong/adaptor
- Safety shoulder strap (pressing tool), and clip/tie-off strap (ring jaw) come standard with 801 Series

Product Offering

- Capacity: 2.5", 3" & 4" tube sizes
- Forged high strength hardened steel pressing jaws
- 22V Rechargeable Battery Design

Kit Description

The E801 22V tool kit comes with the pressing tool, 2-rechargeable batteries, rapid charger, 3" & 4" ring jaws, 3" / 4" tong, go/no go gauges, depth insertion gauges, pocket installation guide, case and shoulder strap. Additional jaws, charges and batteries may be purchased separately.



2.5" - 4" Ring Jaw/Tong



Safety clip/tie-off strap
(2-1/2" - 4" ring jaws)



Shoulder strap (pressing tool)

| Item | Part # | Approx Weight Ea. lb./Kg |
|-----------------------------|-------------------|--------------------------|
| 801 Series Tool Kit 110v | E8-22-110-PLT | C/F |
| 801 Series Tool Kit 230v | E8-22-230-PLT | C/F |
| 2.5" Ring Jaw | E8-JK-40 | 11.5 / 5.2 |
| 3" Ring Jaw | E8-JK-48 | 13.0 / 5.9 |
| 4" Ring Jaw | E8-JK-64 | 20.0 / 9.1 |
| 2.5" - 4" Tong | E8-Z7-TG-40/48/64 | 12.0 / 5.5 |
| 801 Series Tool Only (110V) | E8-22-110-T | 12.1 / 5.5 |
| 801 Battery Charger (110v) | E8-22-110V | C/F |
| 801 Battery Charger (230v) | E8-22-230V | C/F |
| Li-Ion Rechargeable Battery | E8-22B | C/F |

Presslok Inspection Tools Details / Ordering Information

Insertion Gauge

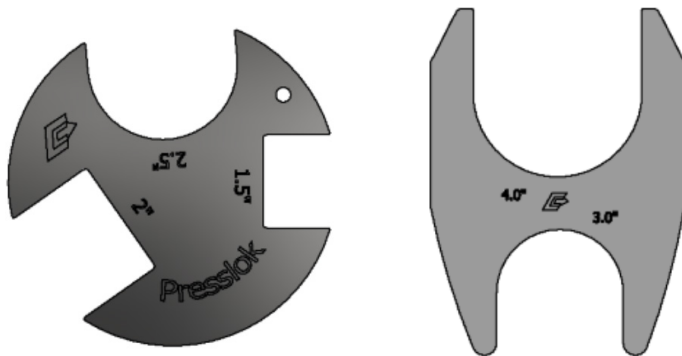
Presslok Insertion Depth Gauges



| Size | Part # |
|------------------|-------------------|
| 1/2" | SS-08-IS-GAUGE |
| 3/4" | SS-12-IS-GAUGE |
| 1" | SS-16-IS-GAUGE |
| 1-1/2" | SS-24-IS-GAUGE |
| 2" | SS-32-IS-GAUGE |
| 2-1/2" | SS-40-IS-GAUGE |
| 3" | SS-48-IS-GAUGE |
| 4" | SS-64-IS-GAUGE |
| 1/2" thru 2" Kit | SS-08-32-IS-GAUGE |
| 3" thru 4" Kit | SS-48-64-IS-GAUGE |

Go/No-Go Gauge

Presslok Go/No-Go Gauges



| Size | Part # |
|----------------------|----------------------|
| 1/2", 3/4", & 1" | SG-PL-08-12-16-GAUGE |
| 1-1/2", 2", & 2-1/2" | SG-PL-24-32-40-GAUGE |
| 3" & 4" | SG-PL-48-64-GAUGE |
| 1/2" thru 4" Kit | SG-PL-GAUGE-SET |

C/F: Consult Factory

REMS Cento Pipe Cutting Machine

- Light, compact machine for tube cutting
- Ideal for stainless steel tubes of Presslok systems
- Super light and handy, only 15 kg (33 lbs)
- Stable, distortion-free cast construction for right angled cutting
- Powered cutter wheel and linear advance for fast cutting (Patent EP 1 782 904)
- Power saving feed-in through easy to grip, proven advance-lever and machine screw spindle
- Robust gear, precisely mounted in roller and needle bearings, maintenance-free
- Proven universal motor, 1200 W (1.63 HP). Powerful, e.g. stainless steel pipe \varnothing 2" in just 4 s
- Safety foot-switch with emergency stop
- REMS special cutter wheels – Specially hardened, from proven, through-hardened REMS die- steel, ensuring long service life
- Connection for deburrer

REMS Cento Basic. Tube cutting machine for fast, right angled, cutting of tube with no outer burr \varnothing ½"–4". With maintenance-free gear, proven universal motor 110 V, 50–60 Hz, 1200 W (1.63 HP). Speed 115 rpm. Rollers in hardened precision stainless steel for \varnothing ½"–4" tube. Safety foot-switch. Ring spanner. Without cutter wheel.

REMS cutter wheels. Top German quality. Cutter wheels specially designed to the per-formance capability of the REMS Cento and for numerous pipe materials with variable cutting geometries for fast cutting with no outer burr. Specially hardened, from proven, through-hardened REMS die-steel, ensuring long service life.

Pipe Support. Pipe support, height adjustable, for tubes \varnothing ½" – 4", with operation of the drive unit with feed lever on the floor. Easy moving of the material in all directions when turning, pulling and pushing by four stainless steel balls mounted in a rust-protected housing. Safe guiding of long pipes by use of several pipe supports.

REMS pipe deburrer Easy, effortless deburring through multiple blades which are spe-cially hardened and ground. Outer/inner pipe deburrer REMS REG 10 – 54 E for tubes \varnothing ½" – 2½", for electric drive with the REMS Cento pipe cutting machine

Running rollers 4 strong hardened precision tubular stainless steel running rollers on ball bearings for low friction turning of the pipes, \varnothing ½" – 4" to be cut, trapezoidal arranged, replaceable. No setting work required in the whole working range.

REMS Cropping Tongs High performance cropping tongs in forged and specially hardened steel for cutting threaded rods, reversible cropping inserts for double service life

| Item | Part # |
|---|--------|
| REMS Cento Basic | 845001 |
| REMS Cutter Wheel Cu-INOX | 845050 |
| Feed Lever : For operating the drive unit on the floor | 845218 |
| Stainless Tubular Steel Rollers INOX (set) | 845110 |
| REMS REG 10–54 E Deburrer | 113835 |
| REMS Cropping Tong 3/8" | 571845 |
| REMS Cropping Tong 1/2" | 571850 |
| REMS Cropping Insert 3/8" | 571846 |
| REMS Cropping Insert 1/2" | 571851 |



REMS Cento Basic - 845001



REMS REG 10-54 E - 113835



REMS cutter wheel Cu-INOX - 845050



Rollers INOX (set) - 845110

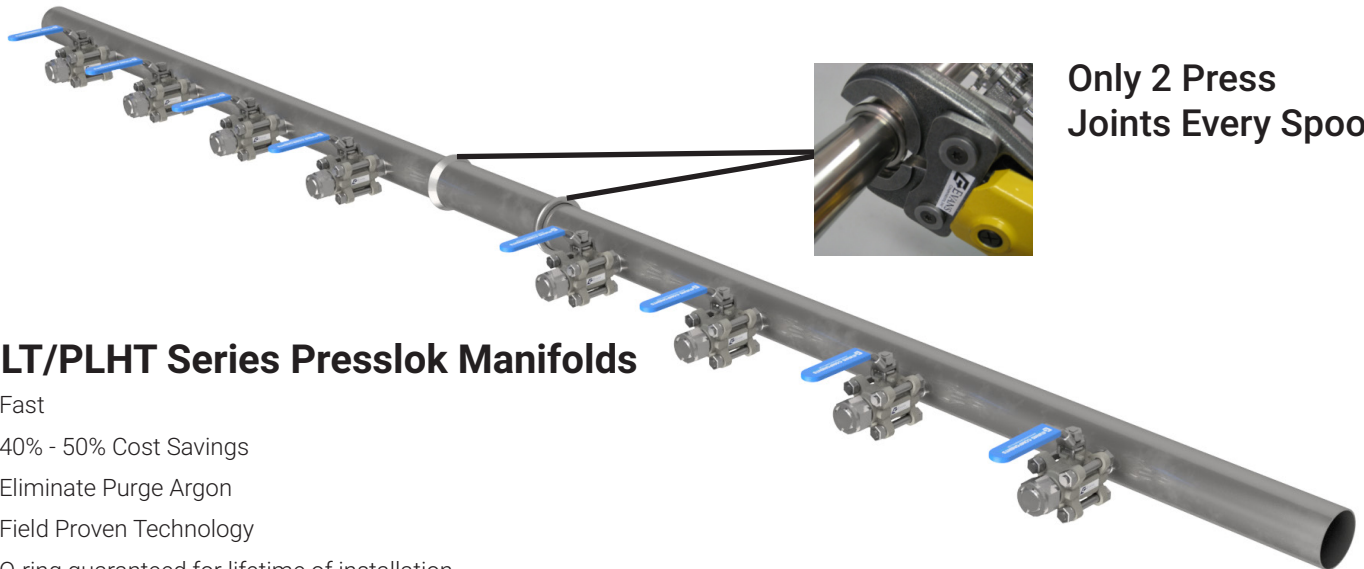


REMS Cropping Tong



REMS Cropping Insert

“Weld Free Installation”



Only 2 Press
Joints Every Spool

PLT/PLHT Series Presslok Manifolds

- Fast
- 40% - 50% Cost Savings
- Eliminate Purge Argon
- Field Proven Technology
- O-ring guaranteed for lifetime of installation
- Guaranteed to 1×10^{-7} scc/sec He

Limited Warranty

Presslok™ Stainless Steel PLT Series Press Fittings

Subject to the conditions and limitations in this Limited Warranty, Evans warrants to end users, installers that its PLT Series fittings installed using appropriate O-ring material, ASTM A269 316L/304L quality stainless steel tube, and when properly installed in non-industrial and non-marine applications for inert gas, CDA and PCW systems and maximum working pressures / temperatures are followed as stated in Evans literature, will be free of failure caused by manufacturing defect for a period of thirty (30) years from date of installation. Under this Limited Warranty, you only have a right to a remedy if the failure or leak resulted from a manufacturing defect in the Evans product covered by this warranty and the failure or leak occurred during the warranty period. You do not have a remedy under this warranty and the warranty does not apply if the failure or any resulting damage is caused by (1) components other than those manufactured or sold by Evans; (2) not designing, installing, inspecting, and testing the Evans product in accordance with Evan's installation instructions and other specifications in effect at the time of the installation; applicable code requirements; and accepted industry practice; (3) use of the Evans product under non-recommended system operating conditions; improper handling and protection of the Evans product prior to, during, and after installation; inadequate freeze protection; and exposure to environmental conditions, water pressures, temperatures, or applications outside acceptable operating conditions. Only if the warranty applies will Evans be responsible for the remedy under this warranty. The part or parts which you claim failed should be kept and Evans contacted within thirty (30) days after the leak or other failure and identify yourself as having a warranty claim. You should be prepared to ship, at your expense, the product which you claim failed due to a manufacturing defect and document the date, jobsite and customer application. Within a reasonable time after receiving the product, Evans will investigate the reasons for the failure, which includes the right to inspect the product at an Evans location and reasonable access to the site of damage. Evans will notify you in writing of the results of its review. If Evans determines that the failure or leak was the result of a manufacturing defect in the Evans product covered by this warranty and that this warranty applies, the exclusive and only remedy under this warranty shall be the reimbursement for reasonable charges for repair or replacement of the Evans product itself. EVANS SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR OTHER DAMAGE. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Other than this Limited Warranty, Evans does not authorize any person or firm to create for it any other obligation or liability in connection with its products. This Limited Warranty gives you specific legal rights and you also may have other rights which may vary from state to state. This warranty shall be interpreted and applied under the law of the state in which the product is installed.

The Evans PLT/PLHT Series Presslok™ System

Learn more about related Evans products



Options

- Available Size Range: 1/4" (6.4mm) thru 1" (25.4mm)
- Optional 5 Micron Sintered Filter



Evans Custom Water Stick Supply and Return Manifolds



G & GXL Series Features

- 316SS CF8M Body Construction
- CFOS Cleaned and packaged in cleanroom
- 2-PC Design G-series allows for isolation and removal of regulator



www.evanscomponents.com

7606 SW Bridgeport Road
Portland, Oregon 97224

Office 971.249.1600

Fax 971.249.1601