



# Evans PLT Series Presslok<sup>®</sup> Stainless Tube Fittings/Valves

Tube Size Range: 1/2" thru 4"



## PRESSLOK<sup>®</sup> GO/NO-GO GAUGES

If Presslok<sup>®</sup> 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)
- Fittings meet ASME B31.1 & B31.3 support requirements and are guaranteed to a helium leak rate of  $1 \times 10^{-7}$  scc/sec
- PLT Series Fittings/Valves are supplied CFOS (cleaned for O2 service) and conforms to CGA G4.1 & NFPA 99C specifications
- PLHT Series Fittings/Valves are both CFOS cleaned and bagged in cleanroom environment
- Fittings/valves are individually bagged
- O-rings come standard Pre-lubed with Evans 111 high purity Oxygen compatible lubrication
- Choice of Viton or EPDM O-rings
- 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.

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 **PLHT (Fitting) & PLH (Valve) Series** options provide a CFOS grade solution that also includes cleanroom cleaning and packaging.

The Evans PLT 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.

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

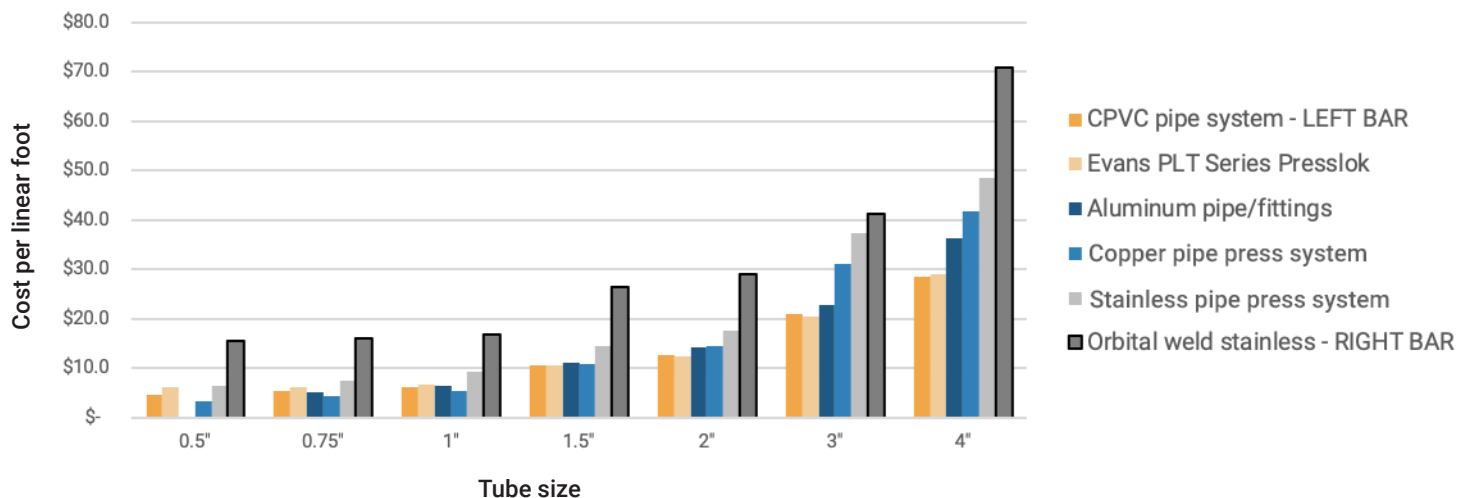
- Unprecedented speed and ease of assembly, no gluing
- Reduce downtime during tool retrofits and/or modifications
- More Robust
- Meets ASTM E84 surface burning characteristics for materials used in plenums

### 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 average cost (materials+ labor) per linear foot

(based on 5000 LF, 100 couplings, 50 elbows, 75 valves, 150 tees)



## 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

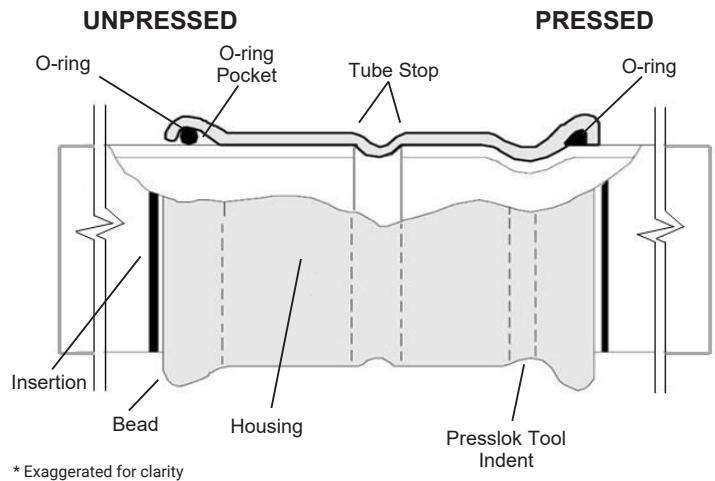
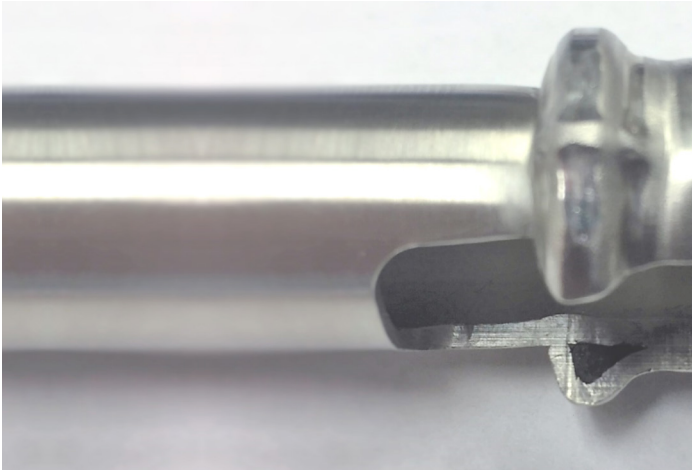
### The Evans Presslok System

*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  $-15^{\circ}\text{F}$  to  $+400^{\circ}\text{F}$  ( $-26^{\circ}\text{C}$  to  $+205^{\circ}\text{C}$ ), Grade EPDM (No color) is rated for  $-30^{\circ}\text{F}$  to  $+230^{\circ}\text{F}$  ( $-34^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$ ). NOTE: Evans PLT products must be used only on services compatible with O-ring and fitting materials. Alternative O-ring material available upon request.

### 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<sup>-7</sup> 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/316L stainless steel, 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).

### 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.





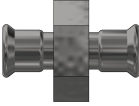



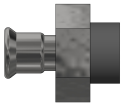




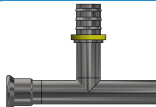

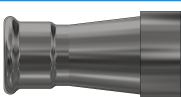
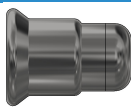
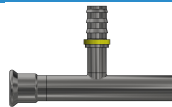



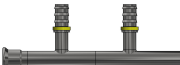
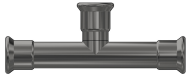


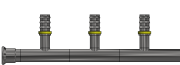
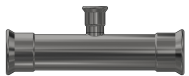


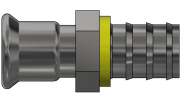
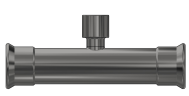


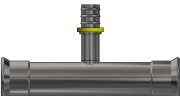






### O-ring Pocket

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 Series Fitting Index

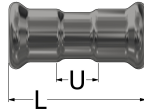
<b>508</b> 7 Slip Coupling 	<b>566</b> 23 PL X ANSI 150# 90° Elbow Rotatable 	<b>586</b> 10 90° Elbow 	<b>596SS</b> 19 PL X MNPT Adapter S.S. 
<b>521</b> 21 PL Union 	<b>566DV</b> 23 PL X ANSI 150# 90° Elbow w/ Drain Valve Rotatable 	<b>586SS</b> 18 90° Elbow S.S. 	<b>597</b> 7 Coupling 
<b>522</b> 21 PL X PVC Union 	<b>567</b> 24 ANSI 150# X Tube Reducer Non-Rotatable 	<b>590</b> 9 PL X MBSPT Adapter 	<b>597SS</b> 19 Coupling S.S. 
<b>550</b> 13 Tee X Presslok Reducing Tee 	<b>571</b> 16 PL x HB Tee S.S. 	<b>591</b> 10 45° Elbow 	<b>598</b> 9 PL X FBSPT Adapter 
<b>555</b> 9 Cap 	<b>572</b> 16 PL X HB Reducing Tee S.S. 	<b>591SS</b> 18 45° Elbow S.S. 	<b>599</b> 8 PL X FNPT Adapter 
<b>560</b> 14 Concentric Reducer 	<b>573</b> 17 PL X 2X HB Reducing Tee S.S. 	<b>592</b> 13 PL Tee 	<b>599SS</b> 19 PL X FNPT Adapter S.S. 
<b>562U</b> 24 PL X JIS 10k Flange Non-Rotatable 	<b>574</b> 17 PL X 3X HB Reducing Tee S.S. 	<b>593</b> 11 PL Reducing Tee 	<b>722</b> 25 PL X KF Adapter 
<b>565</b> 22 PL X ANSI 150# Rotatable 	<b>576</b> 16 PL X HB Adapter 	<b>594</b> 12 PL X FNPT Reducing Tee 	<b>726SS</b> 25 PL X KF Adapter S.S. 
<b>565DV</b> 22 PL X ANSI 150# w/ Drain Valve Rotatable 	<b>578</b> 15 PL X HB Reducing Tee 	<b>595</b> 20 PL X SCH10 Pipe Adapter 	<b>727</b> 26 PL X KF 90° Elbow 
<b>565SS</b> 24 ANSI 150# S.S. Rotatable 	<b>582</b> 20 PL X Tube Reducer 	<b>596</b> 8 PL X MNPT Adapter 	<b>730</b> 26 PL X KF 45° Elbow 

# The Evans Presslok System

## Dimensional / Ordering Information

### Style 597

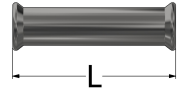
Standard Coupling



Part Number	SIZE	Dimensions - Inches mm		Approx. Weight Each
		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 mm		Approx. Weight Each
		L	oz. / gm	
PLT-08-508-M-*	1/2 12,7	C/F C/F	C/F C/F	
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	C/F C/F	C/F C/F	
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	

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

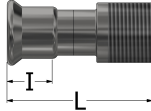
C/F: Consult Factory

# The Evans Presslok System

## Dimensional / Ordering Information

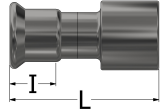
### Style 596

Male NPT Adapter



### Style 599

Female Threaded 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

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

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

C/F: Consult Factory



# The Evans PLT Series Presslok® System

## Style 590

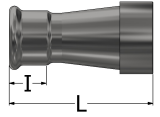
Male BSPT x Presslok



Part Number	SIZE	Dimensions - Inches		Approx. Weight Each
		mm		
		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

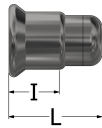
Female BSPT x Presslok



Part Number	SIZE	Dimensions - Inches		Approx. Weight Each
		mm		
		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		Approx. Weight Each
		mm		
		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

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

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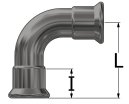
## Style 591

45° Elbow



## Style 586

90° Elbow



Part Number	SIZE	Dimensions - Inches mm		Approx. Weight Each
		L	I	oz. / gm
PLT-08-591-M-*	1/2 12,7	1.94 49.1	0.85 21.5	1.3 38
PLT-12-591-M-*	3/4 19,05	1.87 47.6	0.85 21.6	2.9 82
PLT-16-591-M-*	1 25,4	1.91 48.5	1.02 25.8	3.7 106
PLT-24-591-M-*	1-1/2 38,1	2.18 55.2	1.15 29.1	6.0 170
PLT-32-591-M-*	2 50,8	2.44 61.9	1.62 41.1	9.7 276
PLT-40-591-M-*	2-1/2 63,5	4.30 109.3	2.32 58.9	19.5 552
PLT-48-591-M-*	3 76,2	5.02 127.4	2.59 65.8	27.2 770
PLT-64-591-M-*	4 101,6	6.28 159.5	3.15 80.0	55.7 1580

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

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

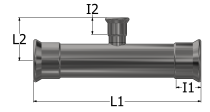
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# The Evans PLT 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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

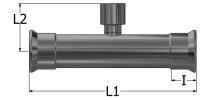
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# The Evans PLT 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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

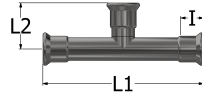
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# The Evans PLT Series Presslok® System

## Style 592

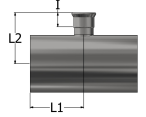
Tee



Part Number	SIZE	Dimensions - Inches mm			Approx. Weight Each oz. / gm
		L1	L2	I	
PLT-08-592-M-*	1/2 12,7	5.98 151.9	1.47 37.2	0.83 21.2	2.6 73
PLT-12-592-M-*	3/4 19,05	6.37 161.8	1.65 42.0	0.88 22.4	5.4 154
PLT-16-592-M-*	1 25,4	7.00 177.8	2.02 51.3	0.95 24.1	8.1 229
PLT-24-592-M-*	1-1/2 38,1	7.88 200.2	2.46 62.4	0.98 24.8	13.5 382
PLT-32-592-M-*	2 50,8	10.05 255.3	3.38 85.9	1.52 38.5	23.6 669
PLT-40-592-M-*	2-1/2 63,5	11.70 297.2	4.14 105.0	2.32 58.8	34.3 973
PLT-48-592-M-*	3 76,2	13.00 330.2	4.86 123.3	2.57 65.3	46.1 1307
PLT-64-592-M-*	4 101,6	15.61 396.5	6.00 152.4	2.91 73.9	79.3 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 1-1/2 152,4 x 38,1	5.27 142.9	4.65 118.1	0.98 24.8	61.8 1752
PLT-96-32-550-M-*	6 x 2 152,4 x 50,8	5.27 142.9	5.22 132.5	1.52 38.5	63.9 1812
PLT-96-48-550-M-*	6 x 3 152,4 x 76,2	5.27 142.9	6.18 157.0	2.57 65.3	68.7 1948
PLT-96-64-550-M-*	6 x 4 152,4 x 101,6	5.27 142.9	6.88 174.8	2.91 73.9	79.1 2242
PLT-96G-24-550-M-*	6 x 1-1/2 152,4 x 38,1	5.27 142.9	4.96 126.0	0.98 24.8	131.8 3736
PLT-96G-32-550-M-*	6 x 2 152,4 x 50,8	5.27 142.9	5.53 140.5	1.52 38.5	133.9 3796
PLT-96G-48-550-M-*	6 x 3 152,4 x 76,2	5.27 142.9	6.49 164.8	2.57 65.3	138.7 3932
PLT-96G-64-550-M-*	6 x 4 152,4 x 101,6	5.27 142.9	7.19 182.6	2.91 73.9	149.1 4227

\* \*96G Designator is 304L SCH10 Pipe Main

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

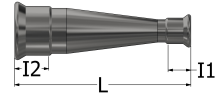
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# The Evans PLT 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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

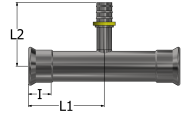
C/F: Consult Factory

# Hose Barb Adapter Fittings

## Dimensional / Ordering Information

### Style 578

Presslok X Hose Barb Reducing Tee



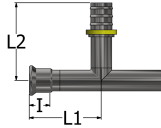
Part Number	SIZE	Dimensions - Inches mm			Approx. Weight Each
		L1	L2	I	oz. / gm
PLT-08-04-578-M-*	1/2 X 1/4 12.70 X 6.35	2.91 73.9	2.25 65.5	0.83 21.2	2.6 74
PLT-08-06-578-M-*	1/2 X 3/8 12.70 X 9.525	2.91 73.9	2.58 65.5	0.83 21.2	2.9 82
PLT-08-08-578-M-*	1/2 X 1/2 12.70 X 12.70	2.91 73.9	2.5 63.5	0.83 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
		L1	L2	I	oz. / gm
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 Series Hose Barb Fittings

## Style 571

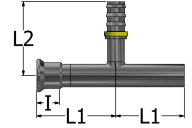
Presslok Tee X Hose Barb  
X Space Saver



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

## Style 572

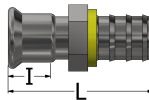
Presslok Reducing Tee  
X Hose Barb X Space Saver



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 68,1	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

## Style 576

Presslok X Hose Barb Adapter



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

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

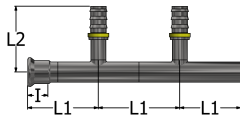
C/F: Consult Factory



# The Evans PLT Series Hose Barb Fittings

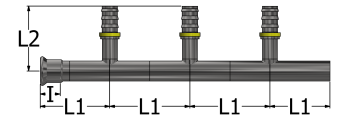
## Style 573

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  
V - Viton  
E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging  
Replace PLT with PLHT at beginning of part number

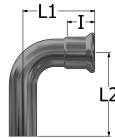
C/F: Consult Factory

## 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

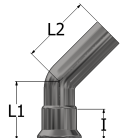


### Style 586SS 90° Elbow



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	6.28 159.5	6.77 171.9	3.15 158.0	55.7 80.0

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material  
V - Viton  
E - EPDM

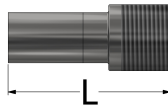
\* Insert: CFOS Cleanroom cleaning/packaging  
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# The Evans PLT Series Space Saver System Fittings

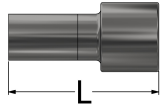
## Style 596SS

Male NPT Adapter



## Style 599SS

Female Threaded NPT Adapter

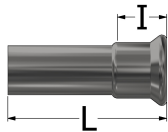


Part Number	SIZE	Dimensions - Inches mm		Approx. Weight Each
		L		oz. / gm
PLT-08-596SS-M	1/2	2.75	2.75	2.7
	12,7	69.9	69.9	76
PLT-12-596SS-M	3/4	2.75	2.75	4.1
	19,05	69.9	69.9	115
PLT-16-596SS-M	1	3.25	3.25	6.0
	25,4	82.6	82.6	171
PLT-24-596SS-M	1-1/2	3.5	3.5	10.6
	38,1	88.9	88.9	301
PLT-32-596SS-M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

Part Number	SIZE	Dimensions - Inches mm		Approx. Weight Each
		L		oz. / gm
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 mm		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 mm		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  
V - Viton  
E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging  
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# The Evans PLT Series Space Saver Fittings

## Style 582

Tube Reducer Adapter



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

## Style 595

SCH10 Pipe Adapter



Part Number	SIZE	Dimensions - Inches		Approx. Weight Each
		L	I	
PLT-08-595-G-*	1/2 12,7	5.20 132	0.83 21.2	3.8 108
PLT-12-595-G-*	3/4 19,05	5.63 143.0	0.88 22.4	5.7 162
PLT-16-595-G-*	1 25,4	6.11 155.2	0.95 24.1	9.2 261
PLT-24-595-G-*	1-1/2 38,1	6.40 162.6	0.98 24.8	15.0 425
PLT-32-595-G-*	2 50,8	7.65 194.2	1.52 38.5	19.8 562
PLT-40-595-G-*	2-1/2 63,5	7.00 177.8	2.32 58.8	25.1 712
PLT-48-595-G-*	3 76,2	9.60 243.8	2.57 65.3	37.4 1060
PLT-64-595-G-*	4 101,6	11.06 280.9	2.91 73.9	62.5 1770

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

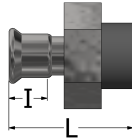
C/F: Consult Factory

# Presslok Union Fittings

## Dimensional / Ordering Information

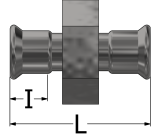
### Style 522

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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

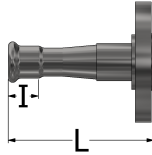
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# ANSI Flange Adapter Fittings Dimensional / Ordering Information

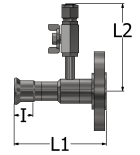
## Style 565

Rotatable ANSI 150#  
X Presslok



## Style 565DV

Rotatable ANSI 150#  
X Presslok w/ Drain valve



Part Number	SIZE	Dimensions - Inches mm		Approx. Weight Each
		L	I	oz. / gm
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	8.39	2.32	151.0
	50,8	213.1	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
		L1	L2	I	oz. / gm
PLT-08-565DV-M-*	1/2	C/F	C/F	0.83	C/F
	12,7	C/F	C/F	21.2	C/F
PLT-12-565DV-M-*	3/4	C/F	C/F	0.88	C/F
	19,05	C/F	C/F	22.4	C/F
PLT-16-565DV-M-*	1	C/F	C/F	0.95	C/F
	25,4	C/F	C/F	24.1	C/F
PLT-24-565DV-M-*	1-1/2	C/F	C/F	0.98	C/F
	38,1	C/F	C/F	24.8	C/F
PLT-32-565DV-M-*	2	C/F	C/F	1.52	C/F
	50,8	C/F	C/F	38.5	C/F
PLT-40-565DV-M-*	2-1/2	C/F	C/F	2.32	C/F
	63,5	C/F	C/F	58.8	C/F
PLT-48-565DV-M-*	3	C/F	C/F	2.57	C/F
	76,2	C/F	C/F	65.3	C/F
PLT-64-565DV-M-*	4	C/F	C/F	2.91	C/F
	101,6	C/F	C/F	73.9	C/F

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

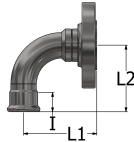
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# ANSI Flange Adapter Fittings Dimensional / Ordering Information

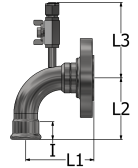
## Style 566

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

Part Number	SIZE	Dimensions - Inches mm				Approx. Weight Each oz. / gm
		L1	L2	L3	I	
PLT-08-566DV-M-*	1/2	C/F	C/F	C/F	0.83	C/F
	12,7	C/F	C/F	C/F	21.2	C/F
PLT-12-566DV-M-*	3/4	C/F	C/F	C/F	0.88	C/F
	19,05	C/F	C/F	C/F	22.4	C/F
PLT-16-566DV-M-*	1	C/F	C/F	C/F	0.95	C/F
	25,4	C/F	C/F	C/F	24.1	C/F
PLT-24-566DV-M-*	1-1/2	C/F	C/F	C/F	0.98	C/F
	38,1	C/F	C/F	C/F	24.8	C/F
PLT-32-566DV-M-*	2	C/F	C/F	C/F	1.52	C/F
	50,8	C/F	C/F	C/F	38.5	C/F
PLT-40-566DV-M-*	2-1/2	C/F	C/F	C/F	2.32	C/F
	63,5	C/F	C/F	C/F	58.8	C/F
PLT-48-566DV-M-*	3	C/F	C/F	C/F	2.57	C/F
	76,2	C/F	C/F	C/F	65.3	C/F
PLT-64-566DV-M-*	4	C/F	C/F	C/F	2.91	C/F
	101,6	C/F	C/F	C/F	73.9	C/F

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

# The Evans PLT Series Flange Adapter Fittings

## Style 567

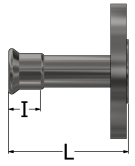
Non-Rotatable ANSI 150#  
x Tube Reducer



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

## Style 562U

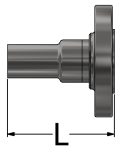
Non-Rotatable JIS 10k x Presslok



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

## Style 565SS

Rotatable ANSI 150#  
x Tube Space Saver



Part Number	SIZE	Dimensions - Inches mm		Approx. Weight Each
		L		oz. / gm
PLT-08-565SS-M	1/2 12,7	C/F C/F		C/F C/F
PLT-12-565SS-M	3/4 19,05	C/F C/F		C/F C/F
PLT-16-565SS-M	1 25,4	C/F C/F		C/F C/F
PLT-24-565SS-M	1-1/2 38,1	C/F C/F		C/F C/F

Part Number	SIZE	Dimensions - Inches mm		Approx. Weight Each
		L		oz. / gm
PLT-32-565SS-M	2 50,8	C/F C/F		C/F C/F
PLT-40-565SS-M	2-1/2 63,5	C/F C/F		C/F C/F
PLT-48-565SS-M	3 76,2	C/F C/F		C/F C/F
PLT-64-565SS-M	4 101,6	C/F C/F		C/F C/F

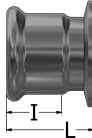


# Vacuum KF Adapter Fittings

## Dimensional / Ordering Information

### Style 722

Presslok x KF Coupling



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

### Style 726SS

KF Vacuum Adapter



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

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

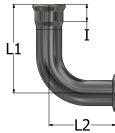
Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

## Vacuum KF Adapter Fittings Dimensional / Ordering Information

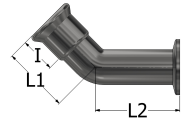
### Style 727

Presslok x KF 90° Elbow



### Style 730

Presslok x KF 45° Elbow



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

Part Number	SIZE	Dimensions - Inches mm			Approx. Weight Each oz. / gm
		L1	L2	I	
PLT-08-730-M-*	1/2 12,7	1.94 49.1	2.40 60.7	0.83 21.2	1.7 48
PLT-12-730-M-*	3/4 19,05	1.87 47.6	2.40 60.7	0.88 22.4	2.8 78
PLT-16-730-M-*	1 25,4	1.91 48.5	2.40 60.7	0.95 24.1	3.8 106
PLT-24-730-M-*	1-1/2 38,1	2.18 55.2	2.65 67.3	0.98 24.8	6.7 188
PLT-32-730-M-*	2 50,8	2.44 61.9	3.15 80.0	1.52 38.5	10.0 282
PLT-40-730-M-*	2-1/2 63,5	4.3 109.3	4.94 125.5	2.32 58.8	32.9 933
PLT-48-730-M-*	3 76,2	5.02 127.4	5.74 145.7	2.57 65.3	44.9 1273
PLT-64-730-M-*	4 101,6	6.28 159.5	7.02 178.3	2.91 73.9	80.2 2274

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

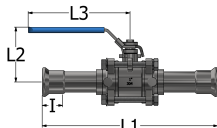
C/F: Consult Factory

# Presslok Ball Valves

## Dimensional / Ordering Information

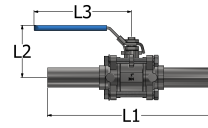
### Stainless Steel Ball Valve

w/ Evans Presslok Connections



### Stainless Steel Ball Valve

w/ Evans PL Series Tube Extensions



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	9.91 251.8	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	16.90 429.3	3.81 96.6	7.27 184.6	2.32 58.9	160.8 4559
PL-48-48 STRPLT*	3 76,2	17.60 447.0	5.54 140.7	10.25 260.3	2.60 65.9	326.0 9242
PL-64-64 STRPLT*	4 101,6	19.60 497.8	7.39 187.8	11.02 279.8	2.91 73.8	776.0 22000

Part Number	SIZE	Dimensions - Inches mm				Approx. Weight Each oz. / gm
		L1	L2	L3	I	
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	9.91 251.8	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	12.61 320.2	3.81 96.6	7.27 184.6		153.8 4360
PL-48-48STRM	3 76,2	14.88 378.0	5.54 140.7	10.25 260.3		315.8 8953
PL-64-64STRM	4 101,6	18.40 467.4	7.39 187.8	11.02 279.8		766.2 21721



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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLH at beginning of part number

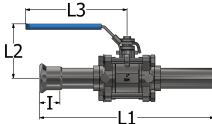
C/F: Consult Factory

\* 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 war-ranty. Evans PL Series ball valves meet this standard.

## Presslok Ball Valves Dimensional / Ordering Information

### Stainless Steel Ball Valve

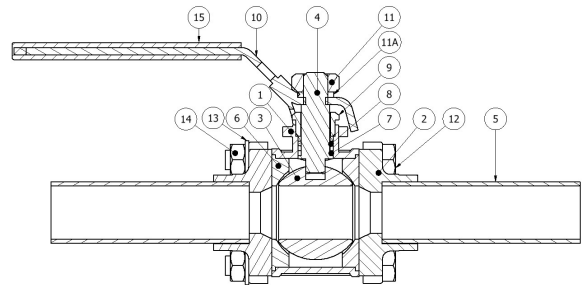
w/ Evans PL Series Tube Extension x  
Presslok Connection



Part Number	SIZE	Dimensions - Inches mm				Approx. Weight Each oz. / gm
		L1	L2	L3	I	
PL-08-08 STRM-PLT*	1/2	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	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	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	9.91 251.8	3.25 82.5	6.38 162	1.09 27.7	76.7 2174
PL-32-32 STRM-PLT*	2	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	14.76 374.9	3.81 96.6	7.27 184.6	2.32 58.9	157.3 4459
PL-48-48 STRM-PLT*	3	16.24 412.5	5.54 140.7	10.25 260.3	2.60 65.9	320.9 9097
PL-64-64 STRM-PLT*	4	19.00 482.6	7.39 187.8	11.02 279.8	2.91 73.8	771.1 21860

### Material List

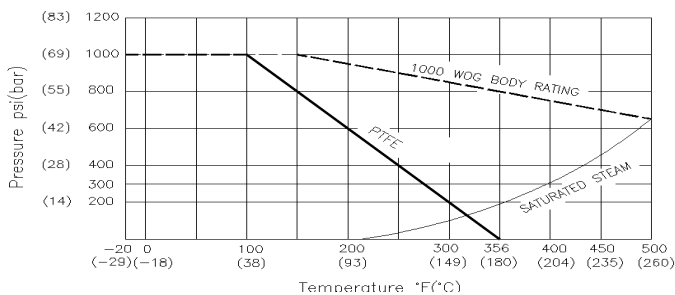
Evans Stainless Steel Presslok Ball Valves



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	PTFE.TEFLON	2
7	Thrust Washer	PTFE.TEFLON	1
8	Stem Packing	PTFE.TEFLON	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

### Pressure / Temperature Table

Presslok ended valves rated to 200/300 psi



Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material  
V - Viton  
E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging  
Replace PLT with PLH at beginning of part number

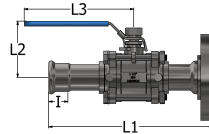
C/F: Consult Factory

\* 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.

# PL Series Ball Valve Assemblies

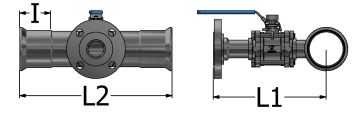
## Stainless Steel Ball Valve

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 mm				Approx. Weight Each
		L1	L2	L3	I	
PL-08-08 STRUPLT*	1/2 12,7	6.78 172.2	2.35 59.8	3.63 92.3	0.81 20.7	32.6 925
PL-12-12 STRUPLT*	3/4 19,05	7.88 200.1	2.59 65.7	3.99 101.4	0.90 22.8	51.3 1455
PL-16-16 STRUPLT*	1 25,4	8.98 228.1	2.68 68.2	5.00 127.1	0.96 24.4	69.1 1958
PL-24-24 STRUPLT*	1-1/2 38,1	9.55 242.6	3.25 82.5	6.38 162.0	1.09 27.7	124.9 3541
PL-32-32 STRUPLT*	2 50,8	13.11 332.9	3.59 91.2	6.38 162.0	1.53 38.8	194.0 5500
PL-40-40 STRUPLT*	2-1/2 63,5	14.39 365.4	3.81 96.6	7.27 184.6	2.32 58.9	293.6 8322
PL-48-48 STRUPLT*	3 76,2	15.29 388.4	5.54 140.7	10.25 260.3	2.60 65.9	477.0 13523
PL-64-64 STRUPLT*	4 101,6	18.05 458.5	7.39 187.8	11.02 279.8	2.91 73.8	970.6 27517

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

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material  
V - Viton  
E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging  
Replace PLT 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

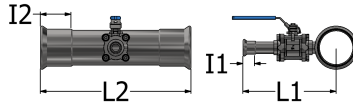
Note: for PVC Blind flange attached to end of valve, add -PVC to end of part number

# PL Series Ball Valve Assemblies

## Evans SHC Ball Valve

Presslok Connection

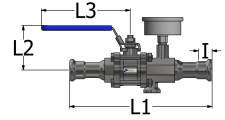
Main x Presslok Connection Branch



## Stainless Steel Ball Valve

Evans PL Series Tube

Extensions & 0-160 psig Gauge



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

Part Number	SIZE	Dimensions - Inches mm				Approx. Weight Each oz. / gm
		L1	L2	L3	I	
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

### 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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLH at beginning of part number

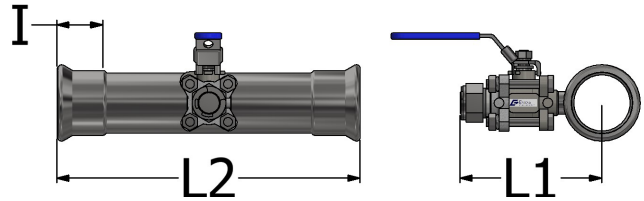
C/F: Consult Factory

# PL Series Ball Valve Assemblies

## Evans SHC Ball Valve

Presslok Connection

Main x Capped Compression Branch



Part Number	SIZE	Dimensions - Inches mm			Approx. Weight Each
		L1	L2	I	oz. / gm
PL-04-08SH CPLT*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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
		L1	L2	I	oz. / gm
PL-08-32SH CPLT*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

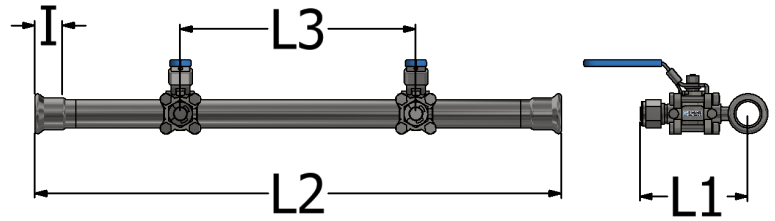
C/F: Consult Factory

# PL 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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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

V - Viton

E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging

Replace PLT with PLHT at beginning of part number

C/F: Consult Factory

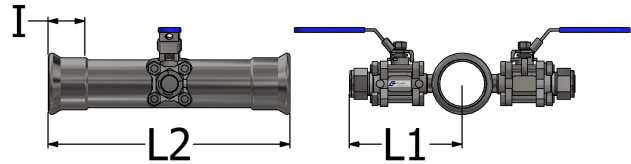


# PL Series Ball Valve Assemblies

## Evans DHC Ball Valve

Presslok Connection

Main x Capped Compression Branches



Part Number	SIZE	Dimensions - Inches mm			Approx. Weight Each
		L1	L2	I	oz. / gm
PL-04-08DH CPLT*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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
		L1	L2	I	oz. / gm
PL-08-32DH CPLT*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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*-D	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

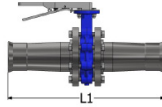
- V - Viton
- E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging  
Replace PLT with PLHT at beginning of part number

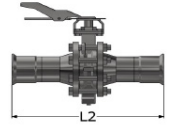
C/F: Consult Factory

# DB & SB Series Butterfly Valves w/ Presslok End Connections

## DB Series Epoxy Coated Valve



## SB Series 304SS 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

Item	Description	Material
1	Body	CF8/CF8M
2	O-Ring	EPDM
3	Seat	PTFE
4	Disc	CF8/CF8M
5	Stem	SUS 304/SUS 316
6	O-Ring	EPDM
7	O-Ring	EPDM
8	Bushing	PTFE
9	Space Collar	ASTM A240-410
10	Retainer	ASTM A240-410
11	Bolt	ASTM A193 BB
12	Notch Plate	ASTM A240-304
13	Lever	ASTM A351 CF8



## 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 <sup>-7</sup> scc/sec	150
SB	150 psig (10.34 bar)	330°F (165°C)	1 x 10 <sup>-7</sup> scc/sec	150

Size	L1	L2
2"	16.44" 417,6 mm	16.44" 417,6 mm
3"	20.20" 531 mm	20.20" 531 mm
4"	24.30" 617,2 mm	24.30" 617,2 mm

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.

### PART NUMBERING / ORDER INFORMATION

#### SB-48STRPLTV

1 2 3 4

#### 1. Series (Material) Designator

SB - 304 Stainless Steel  
DB - Epoxy coated Ductile Iron

#### 2. Valve Size

32 - 2"  
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)

Dimensions are +/-0.2"

\* Insert: Preferred O-ring Material

V - Viton  
E - EPDM

\* Insert: CFOS Cleanroom cleaning/packaging  
Replace PLT with PLH at beginning of part number

C/F: Consult Factory

## 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

# The Evans PLT Series Presslok Tools

## Evans 801 Series Press Tool



2.5" - 4" Ring Jaw/Tong

### 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, 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.

### 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

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

## Insertion Gauge

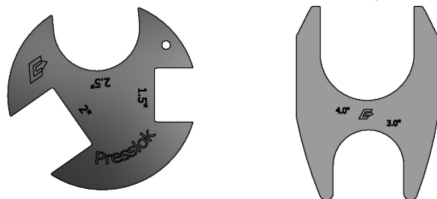
Presslok Insertion Depth Gauges



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 performance 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 specially 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

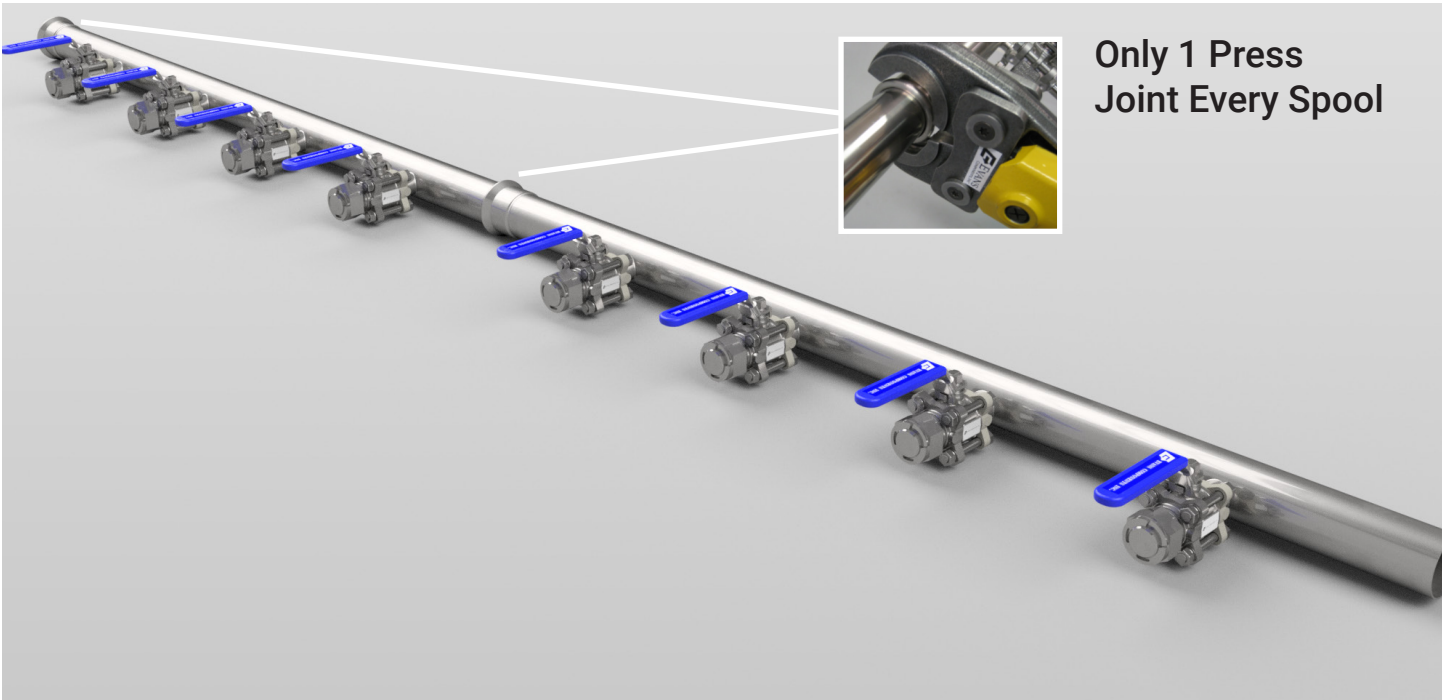


REMS Cropping Tong



REMS Cropping Insert

## “Weld Free Installation”



Only 1 Press  
Joint Every Spool



### PLT Series Presslok Manifolds

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



# The Evans PLT Series Presslok® System

## Learn more about related Evans products

**EVANS COMPONENTS** | Evans E-Series  
"Low Cost" CFOS Grade Gas Sticks



Available Size Range:  
1/4" (6.4mm) thru 1" (25.4mm)

Optional 5 Micron Sintered Filter



**EVANS COMPONENTS** | Evans PW Series  
PCWS/R Hook-up Sticks



Evans Integrated Pressure /Temp Gauge "Bi-Dicator"  
0-100psig / 0-140°F

- Replaces two devices with one
- Lower cost
- Fewer potential leak points
- Reduced overall footprint for tool hook-up
- Stainless case and stem



**EVANS COMPONENTS** | Evans G-Series  
Integrated Gas Sticks



[www.evanscomponents.com](http://www.evanscomponents.com)

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