

Pressfit® Piping System 304L Schedule 5/10 Pipe

PL10 Series



Stainless Steel Pipe System

VIC-PRESS™ SCH. 10S SYSTEM FOR TYPE 304 STAINLESS STEEL

The Victaulic® Vic-Press™ Sch. 10S system for Type 304/304L stainless steel pipe provides a fast, easy, clean and reliable means for joining ½-2"/15-50mm standard ASTM A-312 Schedule 10S stainless steel pipe. Vic-Press Sch. 10S products are designed for pressure service up to 500 psi/3447 kPa or ANSI Class 150 for water, oil, noncombustible gases and general chemical services.

The Vic-Press Sch. 10S system requires no flame or arc as with welding, and no cutting oil, chips or preparation time as with threading or flanging. "Off-the-shelf" Type 304/304L ASTM A-312 Schedule 10S stainless steel pipe is cut to size, inserted into the coupling/fitting and the fitting is pressed onto the pipe in seconds.

The Vic-Press Sch. 10S system meets the support requirements of ASME B31.1, B31.3 and B31.9.

Vic-Press Sch. 10S 304/304L couplings and fittings are UL Classified in accordance with ANSI/NSF 61 for cold (+73°F/+23°C) and hot (+180°F/+82°C) potable water service.

For product installation instructions, refer to Victaulic Product Assembly Instructions (I-P500) and the appropriate Tool Operating and Maintenance Instructions Manual.



MATERIAL SPECIFICATIONS

Housing Body: Made from ASTM A-312 Type 304/304L stainless steel.

Threaded Outlets: Made from stainless steel bar conforming to ASTM A-276 or pipe conforming to ASTM A-312, Grade 304L.

Plain End or Grooved End Products: Austenitic stainless steel pipe conforming to ASTM A-312, Grade 304L.

Flanges for Style 595: Austenitic stainless steel conforming to ANSI Class 150, Grade 304L.

O-Ring Seals:

GRADE	TEMP. RANGE	COMPOUND	COLOR CODE	GENERAL SERVICE RECOMMENDATIONS
E	-30°F to +250°F -34°C to +121°C	EPDM Ethylene Propylene Diene Monomer	Green Stripe	Recommended for hot water service, dilute acids, oil-free air, chemical services. NOT RECOMMENDED FOR PETROLEUM SERVICES. NOT RECOMMENDED FOR STEAM SERVICES. ANSI/NSF 61 Annex G Certified for potable water up to 180°F/82°C.

* Services listed are General Service Recommendations only. It should be noted that there are services for which these seals are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific seal service recommendations and for a listing of services which are not recommended.

Lubricant - Evans PL10 Series Pressfit® fittings are supplied with pre-lubricated EPDM, Nitrile O-rings. The PL 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, Solar, and other high-tech industries.

WARNING



WARNING

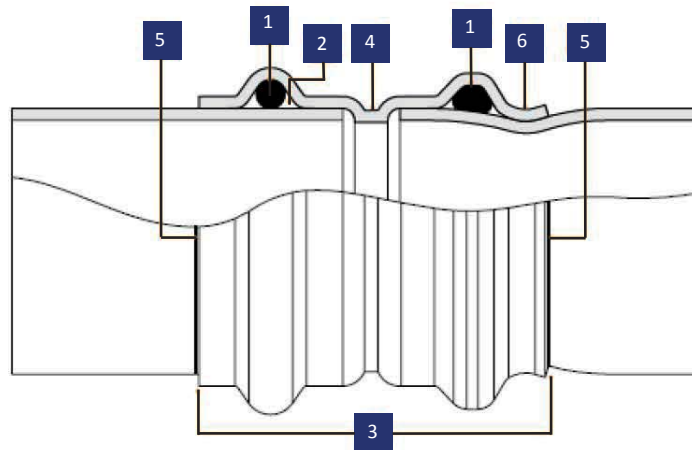
- Vic-Press Sch. 10S 304 products for Type 304 stainless steel must only be used on services compatible with seal and fitting materials.
 - Incompatible services may result in leakage.
- For services not listed or special services, contact Victaulic for recommendations.

Stainless Steel Pipe System

VIC-PRESS™ SCH. 10S SYSTEM FOR TYPE 304 STAINLESS STEEL

VIC-PRESS SCH. 10S COMPONENTS

- 1** SEAL
- 2** SEAL POCKET
- 3** HOUSING
- 4** PIPE STOP
- 5** INSERTION MARK
- 6** MECHANICAL INTERFERENCE

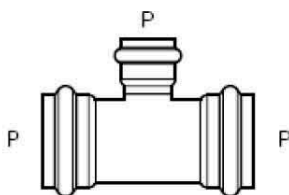


Dimensional Information

Products in the Victaulic Vic-Press Sch. 10S System for Type 304 stainless steel have unique center-to-end or end-to-end dimensions which incorporate specific, "takeout" dimensions for easy fabrication calculations.

Use of threaded products employing special features such as probes, escutcheon cups, etc., should be checked to be certain the thread standard and length of insertion are compatible with fitting dimensions.

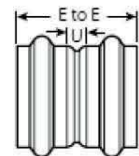
Failure to verify dimensional suitability in advance may result in difficulties in assembly.



- DIMENSION
END TYPE CODE**
- P = Vic-Press Sch. 10S
 - F = Female Pipe Thread
 - M = Male Pipe Thread
 - T = Plain End
 - L = Flanged
 - G = Grooved
 - W = Welded
 - EOB= End of Branch

Standard Coupling

STYLE P597 (P x P)
Working pressure: 500 psi/3447 kPa



STYLE P597

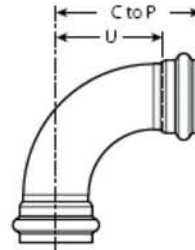
Part Number	Size		Dimensions - Inches/mm		Approx. Weight Each
	Nominal Size Inches mm	Actual Outside Dia. Inches mm	E to E	U Takeout	Lbs. Kg
PL10-08-P597-E	1/2 15	0.840 21.3	2.78 70.6	0.65 16.5	0.2 0.1
PL10-12-P597-E	3/4 20	1.050 26.7	2.78 70.6	0.65 16.5	0.3 0.1
PL10-16-P597-E	1 25	1.315 33.4	3.11 79.0	0.73 18.5	0.5 0.2
PL10-24-P597-E	1 1/2 40	1.900 48.3	3.48 88.4	0.72 18.3	0.7 0.3
PL10-32-P597-E	2 50	2.375 60.3	3.96 100.6	0.71 18.0	1.0 0.5

Stainless Steel Pipe System

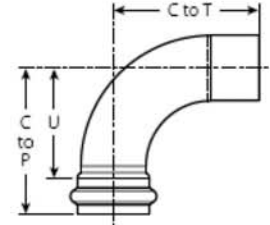
VIC-PRESS™ SCH. 10S SYSTEM FOR TYPE 304 STAINLESS STEEL

Elbows

- STYLE P586 90° Elbow (P × P)
- STYLE P542 90° Street Elbow (P × T)
- STYLE P591 45° Elbow (P × P)
- STYLE P543 45° Street Elbow (P × T)
- Working pressure: 500 psi/3447 kPa



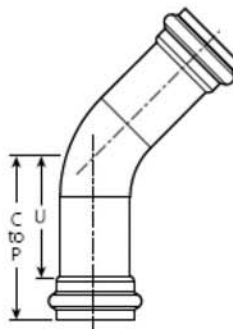
STYLE P586



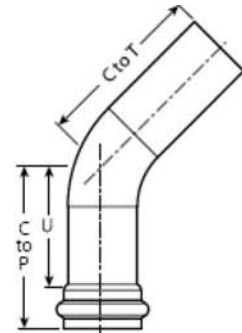
STYLE P542

Part Number	Size		Style P586 90 Deg. Elbow			Style P542 90 Deg. Street Elbow		
	Nominal Size Inches mm	Actual Outside Dia. Inches mm	C to P Inches mm	U Takeout Inches mm	Aprox. Weight Each Lbs. Kg	C to P* Inches mm	U Takeout Inches mm	Aprox. Weight Each Lbs. Kg
PL10-08-****-E	1/2 15	0.840 21.3	2.64 67.1	1.53 38.9	0.3 0.1	2.64 67.1	1.53 38.9	0.3 0.1
PL10-12-****-E	3/4 20	1.050 26.7	2.95 74.9	1.89 48.0	0.4 0.2	2.95 74.9	1.89 48.0	0.4 0.2
PL10-16-****-E	1 25	1.315 33.4	3.52 89.4	2.33 59.2	0.8 0.4	3.52 89.4	2.33 59.2	0.7 0.3
PL10-24-****-E	1 1/2 40	1.900 48.3	4.55 115.6	3.18 80.8	1.4 0.6	4.55 115.6	3.18 80.8	1.4 0.6
PL10-32-****-E	2 50	2.375 60.3	5.52 140.2	3.90 99.1	2.0 0.9	5.52 140.2	3.90 99.1	2.0 0.9

*C to T dimensions on Style P542 are equal to C to P dimensions.
**** Insert style type



STYLE P591



STYLE P543

Part Number	Size		Style P591 45 Deg. Elbow			Style P543 45 Deg. Street Elbow		
	Nominal Size Inches mm	Actual Outside Dia. Inches mm	C to P Inches mm	U Takeout Inches mm	Aprox. Weight Each Lbs. Kg	C to P* Inches mm	U Takeout Inches mm	Aprox. Weight Each Lbs. Kg
PL10-08-****-E	1/2 15	0.840 21.3	1.89 48.0	0.83 21.1	0.2 0.1	1.89 48.0	0.83 21.1	0.2 0.1
PL10-12-****-E	3/4 20	1.050 26.7	2.56 65.0	1.50 38.1	0.4 0.2	2.56 65.0	1.50 38.1	0.4 0.2
PL10-16-****-E	1 25	1.315 33.4	3.27 83.1	2.09 53.1	0.8 0.4	3.27 83.1	2.09 53.1	0.8 0.4
PL10-24-****-E	1 1/2 40	1.900 48.3	4.96 126.0	3.59 91.2	1.7 0.8	4.96 126.0	3.59 91.2	1.7 0.8
PL10-32-****-E	2 50	2.375 60.3	5.84 148.3	4.22 107.2	2.5 1.1	5.84 148.3	4.22 107.2	2.5 1.1

*C to T dimensions on Style P543 are equal to C to P dimensions.
**** Insert style type

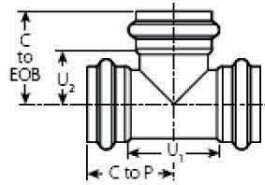
Stainless Steel Pipe System

VIC-PRESS™ SCH. 10S SYSTEM FOR TYPE 304 STAINLESS STEEL

Tee

STYLE P592 (P × P × P)

Working pressure: 500 psi/3447 kPa



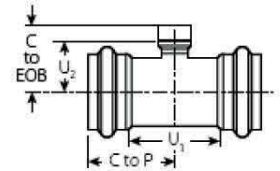
STYLE P592

Part Number	Size		Dimensions - Inches/mm				Approx. Weight Each
	Nominal Size Inches mm	Actual Outside Dia. Inches mm	C to P	U ₁	C to EOB	U ₂	Lbs. Kg
PL10-08-P592-E	1/2 15	0.840 21.3	1.71 43.4	1.29 32.8	1.91 48.5	0.84 21.3	0.4 0.2
PL10-12-P592-E	3/4 20	1.050 26.7	2.01 51.1	1.89 48.0	1.93 49.0	0.87 22.1	0.5 0.2
PL10-16-P592-E	1 25	1.315 33.4	2.27 57.7	2.17 55.1	2.24 56.9	1.05 26.7	0.9 0.4
PL10-24-P592-E	1 1/2 40	1.900 48.3	2.72 69.1	2.68 68.1	2.74 69.6	1.37 34.8	1.5 0.7
PL10-32-P592-E	2 50	2.375 60.3	3.21 81.5	3.17 80.5	3.36 85.3	1.73 43.9	2.1 1.0

Tee with Threaded Branch

STYLE P588 (P × P × Ft)

Working pressure: 500 psi/3447 kPa



STYLE P588

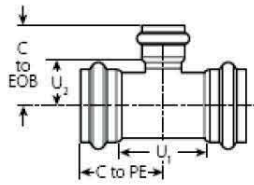
Part Number	Size		Dimensions - Inches/mm				Approx. Weight Each
	Nominal Size Inches mm		C to P	U ₁ Takeout	C to EOB	U ₂ Takeout	Lbs. Kg
PL10-08-08-P588-E	1/2 X 1/2	15 X 15	1.71 43.4	1.29 32.8	1.46 37.1	0.93 23.6	0.4 0.2
PL10-12-08-P588-E	3/4 X 3/4	20 X 20	2.01 51.1	1.89 48.0	1.57 39.9	1.04 26.4	0.5 0.2
PL10-12-12-P588-E		3/4 X 20	2.01 51.1	1.89 48.0	1.56 39.6	1.02 25.9	0.6 0.3
PL10-16-08-P588-E	1 X 1	25 X 25	2.27 57.7	2.17 55.1	1.70 43.2	1.17 29.7	0.9 0.4
PL10-16-12-P588-E		3/4 X 20	2.27 57.7	2.17 55.1	1.70 43.2	1.15 29.2	0.9 0.4
PL10-16-16-P588-E		1 X 25	2.27 57.7	2.17 55.1	1.83 46.5	1.15 29.2	1.1 0.5
PL10-24-08-P588-E	1 1/2 X 1 1/2	40 X 40	2.72 69.1	2.68 68.1	1.99 50.5	1.46 37.1	1.4 0.6
PL10-24-12-P588-E		3/4 X 20	2.72 69.1	2.68 68.1	1.99 50.5	1.44 36.6	1.5 0.7
PL10-24-16-P588-E		1 X 25	2.72 69.1	2.68 68.1	2.12 53.8	1.44 36.6	1.5 0.7
PL10-32-08-P588-E	2 X 2	50 X 50	3.21 85.1	3.17 80.5	2.23 56.6	1.70 43.2	1.7 0.8
PL10-32-12-P588-E		3/4 X 20	3.21 85.1	3.17 80.5	2.23 56.6	1.68 42.7	1.7 0.8
PL10-32-16-P588-E		1 X 25	3.21 85.1	3.17 80.5	2.36 59.9	1.68 42.7	2.0 0.9

† Available with British Standard Pipe Threads. Specify BSPT on order.

Tee with Reducing Branch

STYLE P593 (P × P × P)

Working pressure: 500 psi/3447 kPa



STYLE P593

Part Number	Size		Dimensions - Inches/mm				Approx. Weight Each
	Nominal Size Inches mm		C to PE	U ₁ Takeout	C to EOB	U ₂ Takeout	Lbs. Kg
PL10-12-08-P593-E	3/4 X 3/4	20 X 20	2.01 51.1	1.89 48.0	2.01 51.1	0.95 24.1	0.5 0.2
PL10-16-08-P593-E	1 X 1	25 X 25	2.27 57.7	2.17 55.1	2.14 54.4	1.08 27.4	0.8 0.4
PL10-16-12-P593-E		3/4 X 20	2.27 57.7	2.17 55.1	2.07 52.6	1.00 25.4	0.8 0.4
PL10-24-08-P593-E	1 1/2 X 1 1/2	40 X 40	2.72 69.1	2.69 68.3	2.44 62.0	1.17 29.7	1.2 0.5
PL10-24-12-P593-E		3/4 X 20	2.72 69.1	2.69 68.3	2.36 59.9	1.29 32.8	1.3 0.6
PL10-24-16-P593-E		1 X 25	1.72 69.1	2.69 68.3	2.53 62.3	1.34 34.0	1.4 0.6
PL10-32-08-P593-E	2 X 2	50 X 50	3.21 81.5	3.16 80.3	2.67 67.8	1.61 40.9	1.7 0.8
PL10-32-12-P593-E		3/4 X 20	3.21 81.5	3.16 80.3	2.60 66.0	1.53 38.9	1.7 0.8
PL10-32-16-P593-E		1 X 25	3.21 81.5	3.16 80.3	2.77 70.4	1.58 40.1	1.8 0.8
PL10-32-24-P593-E		1 1/2 X 40	3.21 81.5	3.16 80.3	2.98 75.7	1.60 40.6	2.0 0.9

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 Phone 971-249-1600 · Fax 971-249-1601 www.evanscomponents.com



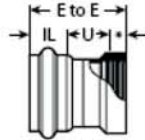
Stainless Steel Pipe System

VIC-PRESS™ SCH. 10S SYSTEM FOR TYPE 304 STAINLESS STEEL

Female Threaded Adapter

STYLE P599 (P × Ft)

Working pressure: 500 psi/3447 kPa

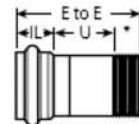


STYLE P599

Male Threaded Adapter

STYLE P596 (P × Mt)

Working pressure: 500 psi/3447 kPa



STYLE P596

Part Number	Size		Dimensions - Inches/mm			Approx. Weight Each
	Nominal Size Inches	mm	E to E	U Takeout	IL Insert Length	Lbs. Kg
PL10-08-08-P599-E	1/2	15	2.39 60.7	0.79 2.01	1.06 26.9	0.3 0.1
PL10-12-08-P599-E	3/4	20	2.31 58.7	0.71 18.0	1.06 26.9	0.3 0.1
PL10-12-12-P599-E	1	25	2.31 58.7	0.79 20.1	1.06 26.9	0.4 0.2
PL10-16-08-P599-E	1 1/2	40	2.47 62.7	0.75 19.1	1.19 30.2	0.7 0.3
PL10-16-12-P599-E	2	50	2.47 62.7	0.73 18.5	1.19 30.2	0.6 0.3
PL10-16-16-P599-E	2 1/2	63.5	2.47 62.7	0.75 19.1	1.19 30.2	0.6 0.3
PL10-24-16-P599-E	3	76.2	2.93 74.4	0.92 23.4	1.38 35.1	1.0 0.5
PL10-24-24-P599-E	4	101.6	2.93 74.4	0.87 22.1	1.38 35.1	1.0 0.5
PL10-32-24-P599-E	5	127.0	3.60 91.4	1.27 32.3	1.63 41.4	1.3 0.6
PL10-32-32-P599-E	6	152.4	3.60 91.4	1.27 32.3	1.63 41.4	1.2 0.5

* Length of effective thread

† Available with British Standard Pipe Threads. Specify BSPT on order.

Part Number	Size		Dimensions - Inches/mm			Approx. Weight Each
	Nominal Size Inches	mm	E to E	U Takeout	IL Insert Length	Lbs. Kg
PL10-08-08-P596-E	1/2	15	3.93 99.8	2.32 58.9	1.06 26.9	0.3 0.1
PL10-12-08-P596-E	3/4	20	3.34 84.8	1.75 44.5	1.06 26.9	0.4 0.2
PL10-12-12-P596-E	1	25	3.85 97.8	2.22 56.4	1.06 26.9	0.4 0.2
PL10-12-16-P596-E	1 1/2	40	3.34 84.8	1.60 40.6	1.06 26.9	0.5 0.2
PL10-16-12-P596-E	2	50	3.50 88.9	1.77 45.0	1.19 30.2	0.5 0.2
PL10-16-16-P596-E	2 1/2	63.5	4.19 106.4	2.32 58.9	1.19 30.2	0.6 0.3
PL10-24-12-P596-E	3	76.2	3.65 92.7	1.73 43.9	1.38 35.1	0.8 0.4
PL10-24-24-P596-E	4	101.6	4.38 111.3	2.28 57.9	1.38 35.1	1.0 0.5
PL10-32-32-P596-E	6	152.4	4.86 123.4	2.46 62.5	1.63 41.4	1.4 0.6

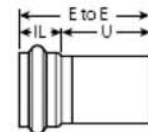
* Length of effective thread

† Available with British Standard Pipe Threads. Specify BSPT on order.

Weld Adapter

STYLE P561 (P × T)

Working pressure: 500 psi/3447 kPa



STYLE P561

Part Number	Size		Dimensions - Inches/mm			Approx. Weight Each
	Nominal Size Inches	Actual Outside Dia. Inches	E to E	U Takeout	IL Insert Length	Lbs. Kg
PL10-08-P561-E	1/2	0.840 21.3	3.92 99.6	2.85 72.4	1.06 26.9	0.3 0.1
PL10-12-P561-E	3/4	1.050 26.7	3.84 97.5	2.77 70.4	1.06 26.9	0.4 0.2
PL10-16-P561-E	1	1.315 33.4	4.18 106.2	3.00 76.2	1.19 30.2	0.6 0.3
PL10-24-P561-E	1 1/2	1.900 48.3	4.37 111.0	2.98 75.7	1.38 35.1	0.9 0.4
PL10-32-P561-E	2	2.375 60.3	4.85 123.2	3.22 81.8	1.63 41.4	1.4 0.6

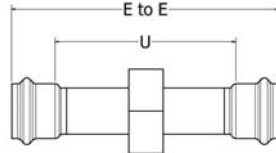
Stainless Steel Pipe System

VIC-PRESS™ SCH. 10S SYSTEM FOR TYPE 304 STAINLESS STEEL

Threaded Union

STYLE P584E (P x P)

Working pressure: 500 psi/3447 kPa

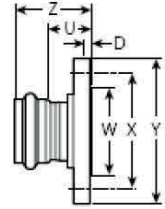


STYLE P584E

Flange Adapter

STYLE P595 (P x L)

Working pressure: 275 psi/1876 kPa



STYLE P595

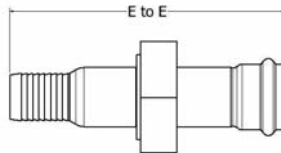
Part Number	Size		Dimensions - Inches/mm		Approx. Weight Each
	Nominal Size Inches/mm	Actual Outside Dia. Inches/mm	E to E	U Takeout	Lbs. Kg
PL10-08-P584E-E	1/15	0.840 21.3	6.95 176.5	5.36 136.1	3.0 1.4
PL10-12-P584E-E	3/20	1.050 26.7	7.37 187.2	5.24 133.1	3.7 1.7
PL10-16-P584E-E	1/25	1.315 33.4	7.59 192.8	5.21 132.3	4.3 2.0
PL10-24-P584E-E	1 1/40	1.900 48.3	8.36 212.3	5.61 142.5	6.0 2.7
PL10-32-P584E-E	2/50	2.375 60.3	8.01 203.5	4.76 120.9	6.8 3.1

Part Number	Size		Dimensions - Inches/mm					Approx. Weight Each
	Nominal Size Inches/mm	Actual Outside Dia. Inches/mm	W	X	Y	Z	U Takeout	Lbs. Kg
PL10-08-P595-E	1/15	0.840 21.3	1.38 35.0	2.38 60.5	3.50 88.9	3.46 87.9	2.39 60.7	2.2 1.0
PL10-12-P595-E	3/20	1.050 26.7	1.69 42.9	2.75 69.9	3.88 98.6	3.34 84.8	2.27 57.7	2.3 1.0
PL10-16-P595-E	1/25	1.315 33.4	2.00 50.8	3.12 79.3	4.25 108.0	3.46 87.9	2.27 57.7	2.8 1.3
PL10-24-P595-E	1 1/40	1.900 48.3	2.88 73.2	3.88 98.6	5.00 127.0	3.45 87.6	2.06 52.3	3.6 1.6
PL10-32-P595-E	2/50	2.375 60.3	3.62 92.0	4.75 120.7	6.00 152.4	3.42 86.9	1.79 45.5	5.8 2.6

Transition Nipple

STYLE P584EHB (P x HB)

Working pressure: 500 psi/3447 kPa

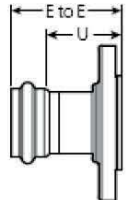


STYLE P584EHB

Van Stone Flange Adapter

STYLE P565 (P x L)

Working pressure: 275 psi/1876 kPa



STYLE P565

Part Number	Size		Dimensions Inches/mm
	Nominal Size Inches/mm	Actual Outside Dia. Inches/mm	E to E
PL10-08-P584EHB-E	1/15	0.840 21.3	5.90 149.9
PL10-12-P584EHB-E	3/20	1.050 26.7	6.67 169.4
PL10-16-P584EHB-E	1/25	1.315 33.4	7.58 192.5
PL10-24-P584EHB-E	1 1/40	1.900 48.3	8.90 226.0
PL10-32-P584EHB-E	2/50	2.375 60.3	9.13 231.9

Part Number	Size		Dimensions - Inches/mm		Approx. Weight Each
	Nominal Size Inches/mm	Actual Outside Dia. Inches/mm	E to E	U Takeout	Lbs. Kg
PL10-08-P565-E	1/15	0.840 21.3	3.37 85.6	2.30 58.4	2.4 1.1
PL10-12-P565-E	3/20	1.050 26.7	3.29 83.6	2.22 56.4	2.5 1.1
PL10-16-P565-E	1/25	1.315 33.4	3.45 87.6	2.26 57.4	3.0 1.4
PL10-24-P565-E	1 1/40	1.900 48.3	3.61 91.7	2.22 56.4	4.1 1.9
PL10-32-P565-E	2/50	2.375 60.3	4.55 115.6	2.92 74.2	6.8 3.1

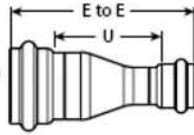
Stainless Steel Pipe System

VIC-PRESS™ SCH. 10S SYSTEM FOR TYPE 304 STAINLESS STEEL

Concentric Reducer

STYLE P594 (T x T)

Working pressure: 500 psi/3447 kPa



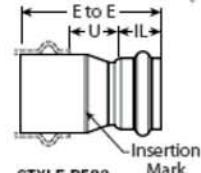
STYLE P594

Part Number	Size		Dimensions - Inches/mm		Approx. Weight Each
	Nominal Size Inches	Inches mm	E to E	U Takeout	Lbs. Kg
PL10-12-08-P594	3/4	X 1/2	4.25 108.0	2.13 54.1	0.5 0.2
PL10-16-08-P594	1	X 1/2	4.92 125.0	2.67 67.8	0.6 0.3
PL10-16-12-P594	1	X 3/4	4.84 122.9	2.59 65.8	0.7 0.3
PL10-24-08-P594	1 1/2	X 1/2	5.57 141.5	3.13 79.5	0.9 0.4
PL10-24-12-P594	1 1/2	X 3/4	5.49 139.4	3.06 77.7	1.0 0.5
PL10-24-16-P594	1 1/2	X 1	5.66 143.8	3.09 78.5	1.1 0.5
PL10-32-08-P594	2	X 1/2	6.52 168.5	3.84 97.5	1.2 0.5
PL10-32-12-P594	2	X 3/4	6.44 163.6	3.76 95.5	1.3 0.6
PL10-32-16-P594	2	X 1	6.60 167.6	3.79 96.3	1.4 0.6
PL10-32-24-P594	2	X 1 1/2	6.75 171.5	3.76 95.5	1.6 0.7

Reducer Insert

STYLE P582 (T x P)

Working pressure: 500 psi/3447 kPa



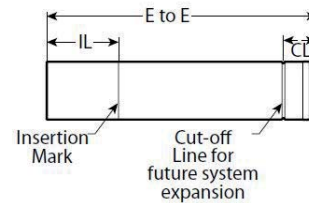
STYLE P582

Part Number	Size		Dimensions - Inches/mm			Approx. Weight Each
	Nominal Size Inches	Inches mm	E to E	U Takeout	IL Insert Length	Lbs. Kg
PL10-16-12-P582-E	1	X 3/4	3.23 82.0	0.98 24.9	1.06 26.9	0.3 0.1
PL10-32-24-P582-E	2	X 1 1/2	4.11 104.4	1.10 27.9	1.38 35.1	0.7 0.3

End Cap

STYLE P540

Working pressure: 500 psi/3450 kPa

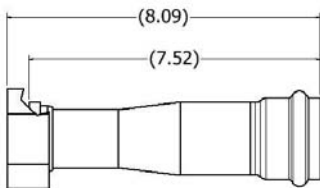


STYLE P540

Part Number	Size		Dimensions - Inches/mm			Approx. Weight Each
	Nominal Size Inches	Actual Outside Dia. Inches mm	E to E	IL Insert Length	CL Cut-off Line	Lbs. Kg
P10-08-P540	1/2	0.840 21.3	4.00 101.60	1.06 26.9	0.5 12.7	0.24 0.11
P10-12-P540	3/4	1.050 26.7	4.00 101.60	1.06 26.9	0.5 12.7	0.30 0.14
P10-16-P540	1	1.315 33.4	4.38 111.25	1.19 30.2	0.5 12.7	0.54 0.24
P10-24-P540	1 1/4	1.900 48.3	4.75 120.65	1.38 35.1	0.5 12.7	0.87 0.39
P10-32-P540	2	2.375 60.3	5.25 133.35	1.63 41.4	0.5 12.7	1.22 0.55

EDT Tool Fitting

Part Number PW-24BL-24PL10E-6



1-1/2" Seal-Lok Female Nut Reducing Fitting Adapter to 1-1/2" Pressfit Pipe and PL10 Coupling with EPDM O-ring

Stainless Steel Pipe System

VIC-PRESS™ SCH. 5S SYSTEM FOR TYPE 304 STAINLESS STEEL

SCH 5 Vic-Evans Pipe

Piping joined with Vic-Press Sch. 10S fitting products for Type 304 stainless steel, like all other piping systems, requires support to carry the weight of pipes and equipment. As for other methods of joining pipes, the support or hanging method must be such as to eliminate undue stresses on joints, piping and other components. Additionally, the method of support must be such as to allow movement of the pipes where required and to provide drainage, etc., as may be specified by the designer. The maximum hanger spacing corresponds to ASME B31.1, B31.3 or B31.9 as noted, and should be used in conjunction with Victaulic Vic-Press Sch. 10S fitting products on approved Type 304/304L Schedule 5S stainless steel pipe.

Fittings are derated
to 300psig when using
SCH 5 pipe

(SCH 5)		*Pipe - Inches/mm			Approx. Pipe* Weight Per Ft. Lbs. Kg
Nominal Diameter Inches mm	Actual Outside Dia. Inches mm	Inside Diameter Inches mm	Wall Thickness Inches mm		
1/2 15	0.840 21.3	0.742 18.9	0.065 1.7	0.6 0.3	
3/4 20	1.050 26.9	0.952 24.2	0.065 1.7	0.7 0.3	
1 25	1.315 33.7	1.217 30.9	0.065 1.7	0.9 0.4	
1 1/2 40	1.900 48.3	1.802 45.8	0.065 1.7	1.3 0.6	
2 50	2.375 60.3	2.277 57.8	0.065 1.7	1.6 0.7	

Vic-Press Tool



PFT510

Vic-Press PFT510

- The Vic-Press Sch10S System requires a Vic-Press Sch. 10S tool designed for securing Vic-Press Sch10S products onto IPS Sch. 5S stainless steel pipe.
- Tool package include one (1) Vic-Press PFT510 tool, two (2) 18V Lithium Ion batteries, one (1) battery charger, one (1) corded adapter, one (1) tool carrying case, one (1) jaw carrying case, one (1) 1/2"/15mm jaw, one (1) 3/4"/20mm jaw, one (1) 1"/25mm jaw, one (1) 1 1/2"/40mm hinged jaw, 2"/50mm hinged jaw, and one (1) adapter jaw.
- Jaws are included with every tool purchase.
- Vic-Press PFT510 is designed for industrial and trade use only

Capacity: 1/2"/15mm, 3/4"/20mm, 1"/25mm, 1 1/2"/40mm, 2"/50mm Sch5S stainless steel pipe

Power Requirements: 110 volt/60 cycle/6.5 amp

Optional: 220 volt

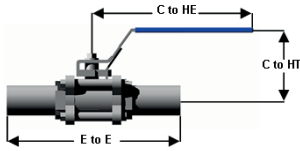
Note: The Vic-Press Sch10S System is not compatible with PFT505 and/or PFT509 tools/components. The Vic-Press Sch10S System requires the use of a Vic-Press PFT510 tool package.

Evans Components Inc.

7606 SW Bridgeport Road · Portland, Oregon 97224 USA
Phone 971-249-1600 · Fax 971-249-1601 · www.evanscomponents.com

The Evans PW Series

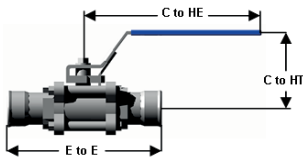
Stainless Steel Ball Valve



Part Number	Size	Dimensions Inches/mm		
	Inches/ mm	E - E	C - HT	C - HE
PW-08-08STRG5	1/2	8.85	2.10	3.95
	15	224,79	53,34	100,33
PW-12-12STRG5	3/4	8.92	2.30	5.10
	20	226,57	58,42	129,54
PW-16-16STRG5	1	9.65	2.95	6.10
	25	245,11	74,93	154,94
PW-24-24STRG5	1-1/2	10.82	3.67	7.36
	40	274,82	93,22	186,94
PW-32-32STRG5	2	11.10	3.90	7.25
	50	281,94	99,06	184,15

Replace "E" in part number with "T" for Nitrile O-ring option

Stainless Steel Ball Valve with Evans Pressfit x Pressfit®

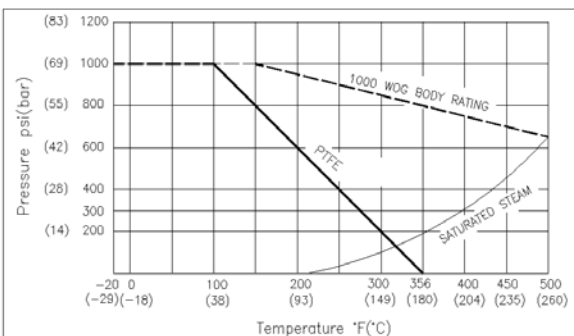


Part Number	Size	Dimensions Inches/mm		
	Inches/ mm	E - E	C - HT	C - HE
PW-08-08STRPL10E	1/2	6.65	2.10	3.95
	15	168,91	53,34	100,33
PW-12-12STRPL10E	3/4	6.48	2.30	5.10
	20	164,59	58,42	129,54
PW-16-16STRPL10E	1	7.29	2.95	6.10
	25	185,17	74,93	154,94
PW-24-24STRPL10E	1-1/2	9.36	3.67	7.36
	40	237,74	93,22	186,94
PW-32-32STRPL10E	2	10.5	3.90	7.25
	50	266,7	99,06	184,15

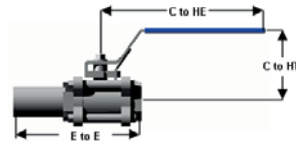
Replace "E" in part number with "T" for Nitrile O-ring option

Pressure / Temperature Table

*(Ball valves with Pressfit ends rated to 300 psig)

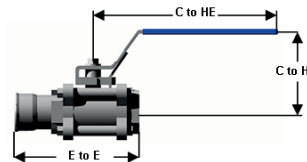


Stainless Steel Ball Valve



Part Number	Size	Dimensions Inches/mm		
	Inches/ mm	E - E	C - HT	C - HE
PW-08-08STRG5-F	1/2	6.00	2.10	3.95
	15	152,4	53,34	100,33
PW-12-12STRG5-F	3/4	5.97	2.30	5.10
	20	151,64	58,42	129,54
PW-16-16STRG5-F	1	6.60	2.95	6.10
	25	167,64	74,93	154,94
PW-24-24STRG5-F	1-1/2	7.77	3.67	7.36
	40	197,36	93,22	186,94
PW-32-32STRG5-F	2	8.18	3.90	7.25
	50	207,77	99,06	184,15

Stainless Steel Ball Valve



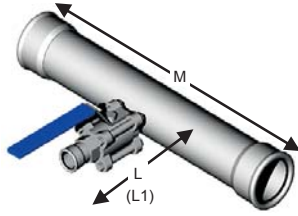
Part Number	Size	Dimensions Inches/mm		
	Inches/ mm	E - E	C - HT	C - HE
PW-08-08STRPL10E-F	1/2	4.90	2.10	3.95
	15	124,46	53,34	100,33
PW-12-12STRPL10E-F	3/4	4.78	2.30	5.10
	20	121,41	58,42	129,54
PW-16-16STRPL10E-F	1	5.44	2.95	6.10
	25	138,18	74,93	154,94
PW-24-24STRPL10E-F	1-1/2	7.04	3.67	7.36
	40	178,82	93,22	186,94
PW-32-32STRPL10E-F	2	7.88	3.90	7.25
	50	200,15	99,06	184,15

Replace "E" in part number with "T" for Nitrile O-ring option

Stainless Steel Ball Valve



Part Number	Size	Dimensions Inches/mm		
	Inches/ mm	E - E	C - HT	C - HE
PW-08-08STRG5-PL10E	1/2	7.82	2.10	3.95
	15	198,63	53,34	100,33
PW-12-12STRG5-PL10E	3/4	8.21	2.30	5.10
	20	208,53	58,42	129,54
PW-16-16STRG5-PL10E	1	8.53	2.95	6.10
	25	216,66	74,93	154,94
PW-24-24STRG5-PL10E	1-1/2	10.93	3.67	7.36
	40	277,61	93,22	186,94
PW-32-32STRG5-PL10E	2	12.01	3.90	7.25
	50	305,05	99,06	184,15



Evans PW Series Ball Valve PL10 Series Pressfit® Outlet Connection

Part Number	Main Size	Branch	M	M2	Pressfit	Compression
	Inches/ mm	Valve Size Inches/ mm				
PW-04-08***PL10E-*	1/2	1/4	5.75	14.25	NA	3.09
PW-08-08***PL10E-*	1/2	1/2	5.75	NA	4.91	4.49
PW-04-12***PL10E-*	3/4	1/4	6.91	15.30	NA	3.19
PW-08-12***PL10E-*	3/4	1/2	6.91	15.30	5.01	3.59
PW-12-12***PL10E-*	20	15	175.70	389.23	127.45	91.32
PW-12-12***PL10E-*	3/4	3/4	6.91	NA	5.22	3.77
PW-12-12***PL10E-*	20	20	175.70	NA	132.79	95.90
PW-04-16***PL10E-*	1	1/4	9.01	15.30	NA	3.32
PW-04-16***PL10E-*	25	6.35	229.21	389.23	NA	84.46
PW-08-16***PL10E-*	1	1/2	9.01	15.30	5.14	3.72
PW-08-16***PL10E-*	25	15	229.21	389.23	130.76	94.63
PW-12-16***PL10E-*	1	3/4	9.01	15.30	5.35	3.90
PW-12-16***PL10E-*	25	20	229.21	389.23	136.01	99.21
PW-16-16***PL10E-*	1	1	9.01	NA	5.68	4.30
PW-16-16***PL10E-*	25	25	229.21	NA	144.49	109.39
PW-08-24***PL10E-*	1-1/2	1/2	13.50	16.40	5.44	4.02
PW-08-24***PL10E-*	40	15	343.44	417.21	138.39	102.26
PW-12-24***PL10E-*	1-1/2	3/4	13.50	16.40	5.65	4.20
PW-12-24***PL10E-*	40	20	343.44	417.21	143.73	106.84
PW-16-24***PL10E-*	1-1/2	1	13.50	16.40	5.98	4.60
PW-16-24***PL10E-*	20	25	343.44	417.21	152.13	117.02
PW-08-32***PL10E-*	2	1/2	16.50	17.75	5.67	4.25
PW-08-32***PL10E-*	50	15	419.76	451.56	144.24	108.12
PW-12-32***PL10E-*	2	3/4	16.50	17.75	5.88	4.63
PW-12-32***PL10E-*	50	20	419.76	451.56	149.58	117.78
PW-16-32***PL10E-*	2	1	16.50	17.75	6.21	4.83
PW-16-32***PL10E-*	50	25	419.76	451.56	157.98	122.87
PW-24-32***PL10E-*	2	1-1/2	16.50	17.75	7.54	CF
PW-24-32***PL10E-*	50	40	419.76	451.56	191.81	

Dimensions are +/- 0.5"

Valve Configuration & O-ring Designator

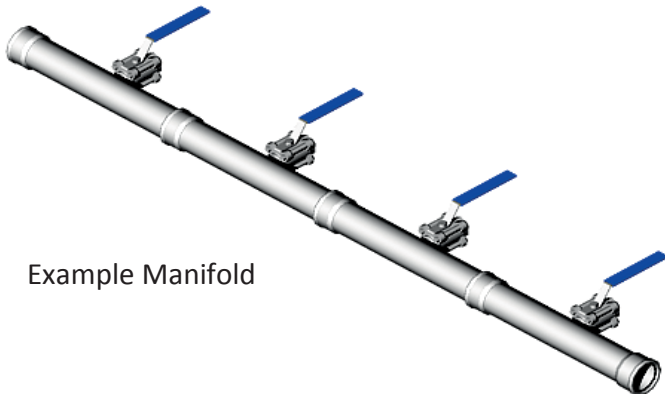
*** SHC - Single Horizontal Cross Assembly

*** SHC2 - Single Horizontal Cross (2-valve) Assembly

*** DHC - Double Horizontal Cross Assembly

T - Nitrile O-ring (replace "E" EPDM) in part number for this option

*Insert (PLG) for manifold option

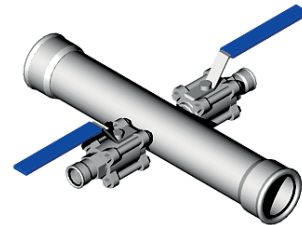


Example Manifold

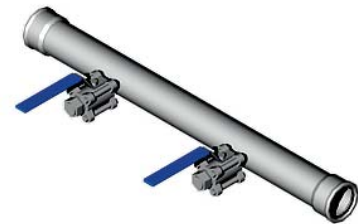
Evans SHC Ball Valve with Pressfit® Connections X Capped Compression



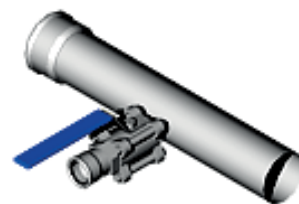
Evans DHC Ball Valve with Pressfit® X Pressfit® Connections



Evans SHC2 Ball Valve with Pressfit® Connections X



Evans SHC Ball Valve with Pressfit® X Pressfit® Connections





PL10 Series Tool Carrying Case
(Standard with tool purchase)



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NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions.