

Building connections that last™



Trenton Pipe Brass Pipe Fittings & Nipples

February 2024



TRENTON PIPE

An ASC Engineered Solution



asc-es.com

Building connections that last™



Table of Contents

Trenton Pipe Nipple Quality 4

NPT Thread Data 5

Brass Pipe 7-8

Weights and Dimensions

 Red Brass Pipe

 Yellow Brass Pipe

 Chrome Plated Brass Pipe

Red Brass Pipe Nipples 9

Special Brass Pipe Nipples 10-11

 Chrome Plated Brass Nipples and Fittings

 Shower Arms

 Running Thread Nipples

 Tank Nipples

 Reducing Nipples

 Expanded Nipples

Syphons — (Pigtail / Steam Gage) 12-13

Bronze Fittings 14-24

Bronze Companion Flanges 24-25

Chrome Plated Fittings 25

Brass Barstock Fittings 26-27

Custom Fabrication 28

Notes 29

ASC Engineered Solutions does NOT provide engineering or application advice or information. The following information is provided as a general guideline or overview and is NOT intended to be a comprehensive statement of all the applicable technical information or data. There are numerous conditions, limiting factors and requirements set out in ASTM and other technical standards and publications which have not been discussed in these guidelines. Accordingly, the advice of a qualified engineer or other professional should be followed when choosing or applying a product. While the information provided is believed to be from reliable sources, ASC Engineered Solutions is not responsible for errors and omissions in the information / data provided — users are strongly advised to consult qualified professionals.



Trenton Pipe Nipple Quality

Quality is never taken for granted at Trenton; it is maintained through constant vigilance.

Total Traceability of all Brass Nipples, as well as Brass and Copper pipe through manufacturing steps and eventually the applicable Mill Test Certifications, which detail the tested Chemical and Mechanical/Physical characteristics of each batch of pipe used. (Tracing requires information from shipping documents and packaging.)

Pipe

From the time pipe arrives, to the time it leaves, as a pipe, a nipple, or as part of a custom-made part or assembly, quality is checked and monitored. Each bundle of pipe is checked upon receipt by Trenton's Quality Control Department and is not released to stock until it can be assured that it meets all applicable standards, including the chemical, alloy, and mechanical characteristics. A Mill Test Certificate for each item is on file.

Manufacturing

Each step of the manufacturing process is carefully documented, regularly reviewed for revision control and updating standard and custom made products. There are extensive and continuous quality checks throughout the manufacturing process. Quality procedures are constantly monitored and updated to assure that only the highest and most consistent quality products bear the Trenton name.

ASC Engineered Solutions is MIL-I Certified, which is the U.S. Military's quality system, similar to ISO 9000.

Fittings and Resale Parts

Only top quality fittings and other purchased parts are sold by Trenton.

All fittings and other purchased items are monitored for strict compliance with applicable standards and specifications. There are a number of competing fittings in the market which have been inspected and rejected by ASC for failing to meet the exacting standard of Trenton—no wonder they are sold for less!

All Bronze fittings sold by ASC Engineered Solutions are made by ISO 9000 Certified manufacturing facility.

Former ANSI/NSF Standard 61 Certification

All Trenton's brass pipe and brass nipples that we produce in our facility have been tested and certified to NSF/ANSI-61 and comply to the Lead Free Law effective January 1st 2014. All manufacturers that we source our lead-free brass fittings from are also NS/ANSI-61 certified.



asc-es.com

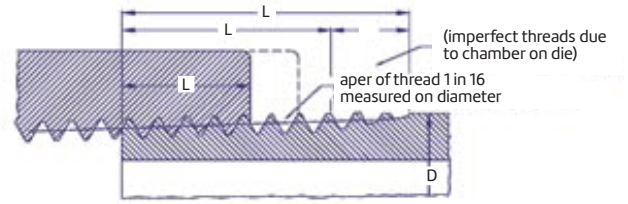
Building connections that last™

NPT Thread Data

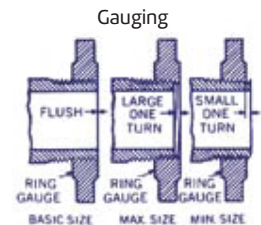
Basic Dimensions

US Standard Taper Pipe Thread, NPT

Extracted, in part, from USA Standard Pipe Threads (Except Dryseal) (ANSI B2.1—1968) with permission from the publisher, The American Society of Mechanical Engineers



Nominal Pipe Size	Outside Diameter Of Pipe D	Threads Per Inch N	Pitch of Thread p	Standard Pipe Thread, NPT					Short Plumbing (Hospital) Thread		Suggested Twist Drill Diameters for Drilled Hole Sizes For Pipe Threads	
				Hand Tight Engagement Length L1		Effective Thread, External Length L1		Overall Length External Thread L4	Overall Length External Thread L4		1 American Standard Twist Drill Sizes	
				Inch	Threads	Inch	Threads		Inch	Threads	Taper Thread	Straight Thread
1/8	0.405	27	0.03704	0.1615	4.36	0.2639	7.12	0.3924	0.260	7	0.332 ¹	11/32 0.344 ¹
1/4	0.540	18	0.05556	0.2278	4.10	0.4018	7.23	0.5946	0.400	7	7/16 0.438 ¹	7/16 0.438 ¹
3/8	0.675	18	0.05556	0.240	4.32	0.4078	7.34	0.6006	0.410	7	9/16 0.562 ¹	37/64 0.578 ¹
1/2	0.840	14	0.07143	0.320	4.48	0.5337	7.47	0.7815	0.530	7	45/64 0.703 ¹	23/32 0.719 ¹
3/4	1.050	14	0.07143	0.339	4.75	0.5457	7.64	0.7935	0.550	7 1/2	29/32 0.906 ¹	59/64 0.922 ¹
1	1.315	11 1/2	0.08696	0.400	4.60	0.6828	7.85	0.9845	0.680	7 1/2	19/64 1.141 ¹	15/32 1.156 ¹
1 1/4	1.660	11 1/2	0.08696	0.420	4.83	0.7068	8.13	1.0085	0.710	8	31/64 1.484	1 1/2 1.500
1 1/2	1.900	11 1/2	0.08696	0.420	4.83	0.7235	8.32	1.0252	0.720	8	147/64 1.734	1 3/4 1.750
2	2.375	11 1/2	0.08696	0.436	5.01	0.7565	8.70	1.0582	0.760	8 1/2	213/64 2.203	2 7/32 2.219
2 1/2	2.875	8	0.12500	0.682	5.46	1.1375	9.10	1.5712			2 5/8 2.625	2 21/32 2.656
3	3.500	8	0.12500	0.766	6.13	1.2000	9.60	1.6337				
3 1/2	4.00	8	0.12500	0.821	6.57	1.2500	10.00	1.6837				
4	4.500	8	0.12500	0.844	6.75	1.3000	10.4	1.7337				
5	5.563	8	0.12500	0.937	7.50	1.4063	11.25	1.8400				
6	6.625	8	0.12500	0.958	7.66	1.5125	12.10	1.9462				
8	8.625	8	0.12500	1.063	8.50	1.7125	13.70	2.1462				



The basic dimensions of the USA Standard Taper Pipe Thread are given in inches to four and five decimal places. While this implies a greater degree of precision than is ordinarily attained, these dimensions are the basis of gauge dimensions and are so expressed for the purpose of eliminating errors in computation.

Unless otherwise specified, standard NPT threads furnished on all nipples, except chrome-plated nipples over 1 in nominal pipe size, which are furnished with short plumbing (hospital) threads. Both thread forms available, all diameters, at no additional cost. Other thread forms including metric and running threads available on request.

All nipples supplied with a tolerance of plus or minus one turn on a standard ring gauge. Tolerance of plus or minus one-half turn available at slight additional cost. Consult as ASC Engineered Representative for details.



TRENTON PIPE

An ASC Engineered Solution

Red Brass Pipe

Alloy 230 otherwise known as alloy UNS No. C23000 is generally known as Red Brass. The pipe Standard applicable is ASTM B 43 – Seamless Red Brass pipe.

Yellow Brass Pipe

There are various alloys referred to as Yellow Brass. The alloy Trenton carries is Alloy 260 otherwise known as alloy UNS No. C26000. The pipe Standard applicable is ASTM B 135 – Seamless Brass tube.

Thread Forms and Other End Forms

Trenton Pipe Nipple Company makes nipples with various thread and other end form configurations, including NPT, NPTF (Dryseal), NPSL, NPSM, Metric, UN and UNS.

Trenton also makes Plain-end (no thread) nipples, Thread-one-end nipples and with Victaulic Groove.

For example: a relatively popular item is a nipple with NPT thread-one-end and Victaulic Groove on the other; another one is a conversion nipple from NPT (US spec) to Metric by making one side with an NPT thread and the other with a metric thread.

The following are the most common thread forms made by Trenton:

- NPT (National Pipe Thread – American National Standard, Taper Pipe Thread)
- NPTF (Dryseal USA – American – Standard Taper Pipe Thread)
- NPSL (American National Standard, Straight Pipe)
- Thread for Loose-fitting Mechanical Joints with Locknuts)
- NPSM (American National Standard, Straight Pipe)
- Thread for Free-fitting Mechanical Joints)
- Metric Pipe Threads (BS – British Standard Pipe Threads for Pressure-tight Joints)
- Other Thread Forms
- Other End Treatments

Victaulic Grooving

Victaulic Grooving is also available. It is used with special Victaulic attachments.

Specials

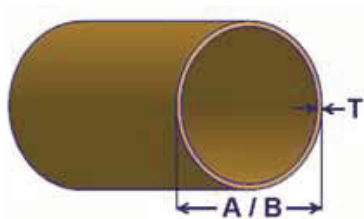
Trenton's Fabrication Department offers various other end treatments, such as flaring, broaching, swaging, spinning end closed, etc. See Custom Fabrication.



asc-es.com

Building connections that last™

Red Brass Pipe



Red Brass Pipe

Weights & Dimensions ASTM B43 Tolerance Apply

A Nominal Pipe Size	B Actual Outside Diameter	T Actual Wall Thickness Standard	Pounds per Foot Standard	T Actual Wall Thickness Extra Strong	Pounds per Foot Extra Strong
1/8	0.405	0.062	0.2533	0.100	0.363
1/4	0.540	0.082	0.4474	0.123	0.611
3/8	0.675	0.090	0.6272	0.127	0.829
1/2	0.840	0.107	0.9344	0.149	1.23
3/4	1.050	0.114	1.2712	0.157	1.67
1	1.315	0.126	1.7848	0.182	2.46
1 1/4	1.660	0.146	2.6333	0.194	3.39
1 1/2	1.900	0.150	3.1273	0.203	4.10
2	2.375	0.156	4.1234	0.221	5.67
2 1/2	2.875	0.187	5.9900	0.280	8.66
3	3.500	0.219	8.5600	0.304	11.6
4	4.500	0.250	12.700	0.341	16.9
5	5.562	0.250	15.8	0.375	23.2
6	6.625	0.250	19.0	0.437	32.2

Red Brass Pipe

ASC Engineered Solutions is one of the largest importers of Red Brass pipe and carries one of the largest inventories; hundreds of thousands of pounds are in stock! (There are no domestic (US) producers of Red Brass pipe, except re-draw mills and one mill that makes only 4" and larger diameter pipe.)

All pipe are carefully quality checked. Dimensional accuracy is checked by the Quality Control Department of Trenton on every batch/bundle of pipe. All Brass pipe has been tested for chemical composition and physical/mechanical characteristics and test results filed for future reference. Compliance Certifications, as well as Full Physical / Mechanical and Chemical Certifications, are available.

Standards

All Red Brass pipe, also known as "Alloy 230," is made to the exacting standards of ASTM B-43.

Sizes stocked

1/8" through 6" nominal diameters in Regular / Schedule 40 1/8" through 4" nominal diameters in Extra Strong / Schedule 80.

Temper stocked

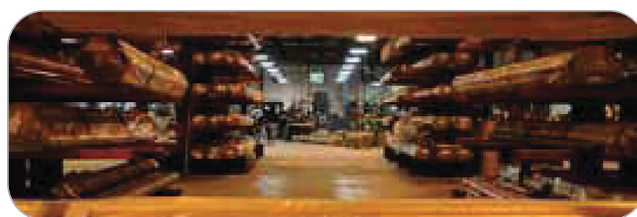
Two common tempers are H-58 / General Purpose Hard Drawn (most common) and O-61 / Annealed. All are stocked in H-58 General Purpose Drawn Temper. All Regular / Schedule 40 and most Extra Strong / Schedule 80 are also stocked in O-61, Annealed Temper.

Finishes available

Plain AND Chrome Plated (any length to 6 ft; with or without threaded ends). Also available as a special order; nickel and brushed nickel finishes size limitations apply.

Lengths

Red Brass pipe is stocked in 12 ft mill lengths; other lengths are available. Full lengths of pipe can be cut to enable it to be shipped by UPS (may save considerable moneys over truck shipments of small quantities).



Yellow Brass Pipe

Yellow Brass Pipe

Trenton carries a sizable inventory of $\frac{3}{8}$ " and $\frac{1}{2}$ " Regular / Schedule 40 alloy 260 (C26000) Yellow Brass pipe. Much of this pipe is used to make chrome plated.

Standards

All Yellow Brass pipe, also known as "Alloy 260," is made to the exacting standards of ASTM B-135.

Sizes stocked

$\frac{3}{8}$ " and $\frac{1}{2}$ " nominal diameters in Regular / Schedule 40 other sizes available on request.

Tempers stocked

Two common tempers are H-58/ Hard (most common) and O-61 / Annealed. All are stocked in H-58, General Purpose Drawn Temper.

Finishes available

Plain AND Chrome Plated (any length to 6 ft; with or without threaded ends).

Lengths

Red Brass pipe is stocked in 12 ft mill lengths; other lengths are available.



asc-es.com

Building connections that last™

Red Brass Pipe Nipples

Standards and Specifications

ASC Engineered Solutions is one of the largest, oldest, and most respected manufacturers of Red Brass nipples. In addition to a large inventory of a wide range of sizes, custom lengths are generally made and shipped within hours, not weeks as done by others.

Specifications

All Trenton Brass and Chrome Plated Brass nipples are manufactured to the exacting standards of ASTM B-687 (Rev. 96).

Standard nipple threads are NPT National (American) Pipe Taper threads. In addition to the standard NPT threads, nipples are available in a variety of thread forms. See NPT Thread Data.

Sizes / Diameters

Diameters from 1/8" thru 6" in Regular (Schedule 40) and 1/8" thru 4" in Extra Strong (Schedule 80).

Lengths

Pipe and therefore nipples are available in virtually ANY length, but most pipe is stocked in 12 ft lengths.

Tempers

All are available in General Purpose Drawn temper (H58 temper) and most are also available in Annealed (O61) temper. (Unless specified otherwise, H-58 temper will be supplied.)

In addition to providing standard sizes (close to 12"), Trenton stocks long lengths and specializes in making odd length nipples as required. In most cases, special length nipples are shipped in the same expeditious time frame as stock items. There is no one who can satisfy the customer's needs for special nipples as quickly as Trenton!



Brass Nipple – Weight Chart

Approximate shipping weight in pounds per 100 pieces, Standard Red Brass and Copper For extra heavy brass nipples, multiply the below weight by 1.4

Dimensions	Length of Close	Close	1½	2	2½	3	3½	4	4½	5	5½	6	7	8	9	10	11	12
1/8	3/4	1	3	4	5	6	7	8	9	10	12	13	15	17	19	21	24	26
1/4	7/8	2	5	7	9	11	13	14	14	16	18	20	22	26	33	37	41	44
3/8	1	4	6	9	12	14	16	19	21	24	27	29	34	39	44	48	53	58
1/2	1½	6	8	12	15	18	22	26	30	33	36	39	46	53	61	68	75	82
3/4	1¾	10	12	15	20	25	30	35	40	45	50	56	66	76	86	95	105	115
1	1½	15		21	28	36	43	52	58	65	71	77	91	105	118	132	146	160
1¼	1¾	23		30	41	52	59	66	75	84	94	105	125	146	166	187	207	227
1½	1¾	32		38	48	60	70	83	94	105	118	131	155	180	204	228	252	277
2	2	50			75	90	103	118	134	150	165	180	212	244	276	308	340	372
2½	2½	90				115	140	165	190	215	240	260	310	360	410	460	510	560
3	2¾	135				170	205	240	280	315	350	385	455	525	595	665	735	805
3½		200						330	390	425	455	490	580	670	760	850	935	1025
4	2¾							360	410	455	505	550	645	740	835	930	1025	1120



TRENTON PIPE

An ASC Engineered Solution

Special Brass Pipe Nipples

Chrome Plated Brass Nipples

Trenton's Chrome Plated Red Brass nipples, the Durachrome™ nipples as well as the Yellow Brass, Trenchchrome™ nipples are stocked in sizes 1/4" to 2" in Regular (schedule 40) in lengths close to 12", plus 18", 24", 36", 48" and 72" lengths. All chrome plating is commercial grade (minimum of 4 mils of zinc under chrome). High Polish Chrome Plated Brass nipples are available as special orders.

Nickel and Brushed Nickel finishes are available by special order. Trenton also carries a large inventory of 6 ft Chrome Plated Brass pipe with threads and with plain ends. Custom lengths are also available for quick delivery.

Specifications

All Trenton Chrome Plated Brass Nipples are manufactured to the exacting standards of ASTM B-687 (Rev. 96).

Standard threads are NPT National (American) Pipe Taper threads. Short, "Hospital" NPT threads are standard on all Chrome Plated nipples 1" and larger diameters and are available on others. In addition to the standard NPT threads, nipples are available in a variety of thread forms. See NPT Thread Data.

Durachrome™ and Trenchchrome™ are trademarks of Trenton Pipe Nipple Company.



Shower Arms

Trenton manufactures Standard 6", 8", 10" and 12" long regular Brass Shower Arms as well as "S" shaped 'riser' brass Shower Arms with chaser cut (not rolled) NPT threads. Chaser cut threads are stronger and seal better—many other shower arms are made from materials which are too thin to chaser cut threads, so threads are rolled—those are inferior products, as the threads are not rounded and do not seat as well into the mating part as do chaser cut threads.



Finishes available

Plain Brass

Polished Brass

Chrome plated Nickel

Brushed Nickel

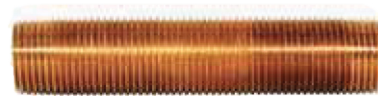


asc-es.com

Building connections that last™

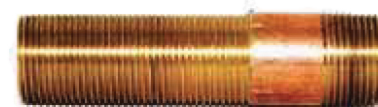
Brass All Thread Nipples (Running Thread Nipples)

All-Thread, Continuous, or Running Thread nipples are made with NPSL (most common) or NPSM thread forms which are available with or without NPT tapers on each end, in 1/8" to 4" OD in any length up to 144". Running thread nipples are also available chrome plated. Available in pipe sizes 1/8" through 4" and lengths up to 12 ft.



Tank Nipples

Tank nipples are nipples with one end regular tapered thread (usually NPT) and the other end with a straight thread for a specified length, but less than the entire length of the nipple. Brass Tank nipples are available with NPSL (most common) or NPSM running threads with or without NPT taper on one side and with a standard NPT threads on the other side. The length of the running threads and the overall length of the tank nipple can be any length up to an overall length of 144". Tank Nipples are also available chrome plated.



Reducing Nipples

Male to	Male / Plain	Lengths
3/8"	1/4"	3" to 12"
1/2"	3/8"	3" to 12"



Expanded & Swage Nipples (Male x Male Nipples)

These nipples are designed as a reducer with the outside diameter of one side different than that of the other—these are either broached (diameter increased by inserting a punch to enlarge) or swaged, (diameter reduced by drawing the pipe down to a smaller size). Both sides are male threads (when one side is female thread, the part is called an Extension Piece).



Extension Pieces (Male x Female Nipples)

Available in Seamless Red Brass and Cast Bronze/Brass. The Straight Extension Pieces have both ends the same nominal thread size: one male and one female threaded end. The Reducing Extension Pieces have one end a different diameter than the other end.



TRENTON PIPE

An ASC Engineered Solution

Syphons – (Pigtail / Steam Gage)

Syphons – Pigtail (Steam Gage / Pressure Gage)

All-Thread, Continuous, or Running Thread nipples are made with NPSL (most common) or NPSM thread forms which are available with or without NPT tapers on each end, in 1/8" to 4" OD in any length up to 144". Running thread nipples are also available chrome plated. Available in pipe sizes 1/8" through 4" and lengths up to 12 ft.

All Pigtail Syphons are available in: 1/4" and 1/2" Diameter Pipe
Sizes Schedule 40 and Schedule 80 Pipe.22

Syphons – Pigtail (Brass Alloy 230 Seamless & 304 / 316 Stainless Steel)



Brass Alloy 230 Syphons



All Nipples and Syphons are manufactured at our Facility



Stainless Steel Syphons



asc-es.com

Building connections that last™

Configurations Standard

90, 180, 270, 360

Outlet Connections

MxM = Male x Male Threads

MxFM = Male x Female Threads

NPT = USA Standard Tapered Thread

Pigtail Syphons are available in the following materials

Carbon Steel – A53 Welded

Carbon Steel – A106 Seamless

Red Brass – Alloy 230 Seamless

Stainless Steel – 304 Welded

Stainless Steel – 316 Welded

Nominal Size	Pipe Schedule	Configuration MXM NPT
1/4"	40	90° Short
1/4"	40	180° Short
1/4"	40	90°
1/4"	40	180°
1/4"	40	270°
1/4"	40	360°
1/2"	40	90°
1/2"	40	180°
1/2"	40	270°
1/2"	40	360°
1/4"	80	90° Short
1/4"	80	180° Short
1/4"	80	90°
1/4"	80	180°
1/4"	80	270°
1/4"	80	360°
1/2"	80	90°
1/2"	80	180°
1/2"	80	270°
1/2"	80	360°

Size	Pipe Schedule	Configuration MXFM NPT (Note: Stainless Steel Not Available in MxFM NPT)
1/4"	40	90° Short
1/4"	40	180° Short
1/4"	40	90°
1/4"	40	180°
1/4"	40	270°
1/4"	40	360°



90° Syphons



180° Syphons



270° Syphons



360° Syphons

Syphons – Pigtail

(Carbon Steel – A53 Welded & A 106 Seamless)

Nominal Size	Pipe Schedule	Configuration MXM NPT
1/4"	40	90° Short
1/4"	40	180° Short
1/4"	40	90°
1/4"	40	180°
1/4"	40	270°
1/4"	40	360°
1/2"	40	90°
1/2"	40	180°
1/2"	40	270°
1/2"	40	360°
1/4"	80	90° Short
1/4"	80	180° Short
1/4"	80	90°
1/4"	80	180°
1/4"	80	270°
1/4"	80	360°
1/2"	80	90°
1/2"	80	180°
1/2"	80	270°
1/2"	80	360°

Size	Pipe Schedule	Configuration MXFM NPT
1/4"	40	90° Short
1/4"	40	180° Short
1/4"	40	90°
1/4"	40	180°
1/4"	40	270°
1/4"	40	360°

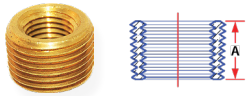


TRENTON PIPE

An ASC Engineered Solution

Bronze Fittings

Face Bushing Class 125#



Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
	P56606X04	$\frac{3}{4} \times \frac{1}{2}$ "	-	0.06	0.63

Hex Bushing Class 125#



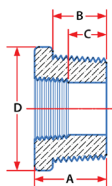
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches	C Inches	H Inches
		P66003X01		$\frac{1}{4} \times \frac{1}{8}$ "	25	0.02	0.44	0.26	0.14	0.64
		P66004X01		$\frac{1}{2} \times \frac{1}{8}$ "	25	0.08	0.56	0.25	0.19	0.87
LF66004X02	LF76004X02	P66004X02	P76004X02	$\frac{1}{2} \times \frac{1}{4}$ "	25	0.06	0.56	0.32	0.19	0.87
LF66004X03	LF76004X03	P66004X03	P76004X03	$\frac{1}{2} \times \frac{3}{8}$ "	25	0.06	0.56	0.41	0.19	0.87
	LF76006X01	P66006X01	P76006X01	$\frac{3}{4} \times \frac{1}{8}$ "	25	0.15	0.63	0.63	0.25	1.15
LF66006X02	LF76006X02	P66006X02	P76006X02	$\frac{3}{4} \times \frac{1}{4}$ "	25	0.15	0.63	0.32	0.22	1.15
LF66006X03	LF76006X03	P66006X03	P76006X03	$\frac{3}{4} \times \frac{3}{8}$ "	25	0.11	0.63	0.36	0.22	1.15
LF66006X04	LF76006X04	P66006X04	P76006X04	$\frac{3}{4} \times \frac{1}{2}$ "	25	0.11	0.63	0.53	0.22	1.15
LF66010X02	LF76010X02	P66010X02	P76010X02	$1 \times \frac{1}{4}$ "	25	0.20	0.75	0.32	0.30	1.12
	LF76010X03	P66010X03	P76010X03	$1 \times \frac{3}{8}$ "	25	0.20	0.75	0.36	0.30	1.12
LF66010X04	LF76010X04	P66010X04	P76010X04	$1 \times \frac{1}{2}$ "	25	0.20	0.75	0.43	0.25	1.42
LF66010X06	LF76010X06	P66010X06	P76010X06	$1 \times \frac{3}{4}$ "	25	0.20	0.75	0.50	0.25	1.42
	LF76012X02		P76012X02	$1\frac{1}{4} \times \frac{1}{4}$ "	25	0.31	-	-	-	-
	LF76012X03		P76012X03	$1\frac{1}{4} \times \frac{3}{8}$ "	25	0.31	0.80	0.36	0.34	1.12
LF66012X04	LF76012X04	P66012X04	P76012X04	$1\frac{1}{4} \times \frac{1}{2}$ "	25	0.31	0.80	0.43	0.34	1.34
LF66012X06	LF76012X06	P66012X06	P76012X06	$1\frac{1}{4} \times \frac{3}{4}$ "	25	0.33	0.80	0.050	0.28	1.76
LF66012X10	LF76012X10	P66012X10	P76012X10	$1\frac{1}{4} \times 1$ "	25	0.33	0.80	0.58	0.28	1.76
LF66014X04	LF76014X04	P66014X04	P76014X04	$1\frac{1}{2} \times \frac{1}{2}$ "	25	0.55	0.83	0.43	0.37	1.34
LF66014X06	LF76014X06	P66014X06	P76014X06	$1\frac{1}{2} \times \frac{3}{4}$ "	25	0.55	0.83	0.50	0.37	1.63
LF66014X10	LF76014X10	P66014X10	P76014X10	$1\frac{1}{2} \times 1$ "	25	0.35	0.83	0.58	0.31	2.00
LF66014X12	LF76014X12	P66014X12	P76014X12	$1\frac{1}{2} \times 1\frac{1}{4}$ "	25	0.35	0.83	0.71	0.31	2.00
	LF76020X02	P66020X02	P76020X02	$2 \times \frac{1}{4}$ "	10	0.69	-	-	-	-
LF66020X04	LF76020X04	P66020X04	P76020X04	$2 \times \frac{1}{2}$ "	10	0.69	0.88	0.43	0.41	1.34
LF66020X06	LF76020X06	P66020X06	P76020X06	$2 \times \frac{3}{4}$ "	10	0.69	0.88	0.50	0.41	1.63
LF66020X10	LF76020X10	P66020X10	P76020X10	2×1 "	10	0.69	0.88	0.58	0.41	1.95
LF66020X12	LF76020X12	P66020X12	P76020X12	$2 \times 1\frac{1}{4}$ "	10	0.73	0.88	0.67	0.34	2.48
LF66020X14	LF76020X14	P66020X14	P76020X14	$2 \times 1\frac{1}{2}$ "	10	0.73	0.88	0.70	0.34	2.48
	LF76024X10	P66024X10	P76024X10	$2\frac{1}{2} \times 1$ "	5	1.08	1.07	0.58	0.44	1.95
	LF76024X12	P66024X12	P76024X12	$2\frac{1}{2} \times 1\frac{1}{4}$ "	5	1.08	1.07	0.67	0.44	2.39
	LF76024X14	P66024X14	P76024X14	$2\frac{1}{2} \times 1\frac{1}{2}$ "	5	1.00	1.07	0.70	0.44	2.68



asc-es.com

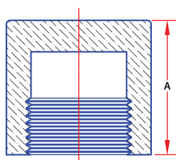
Building connections that last™

Hex Bushing Class 125# (Continued)



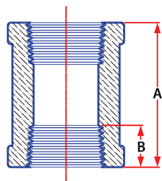
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches	C Inches	H Inches
	LF76024X20	P66024X20	P76024X20	2½ x 2"	5	1.00	1.07	0.75	0.37	2.98
	LF76030X06		P76030X06	3 x ¾"	5	1.67	-	-	-	-
	LF76030X10		P76030X10	3 x 1"	5	1.67	-	-	-	-
	LF76030X12		P76030X12	3 x 1¼"	5	1.67	1.13	0.67	0.48	2.39
	LF76030X14	P66030X14	P76030X14	3 x 1½"	5	1.67	1.13	0.70	0.48	2.68
LF66030X20	LF76030X20	P66030X20	P76030X20	3 x 2"	5	1.83	1.13	0.75	0.48	3.28
	LF76030X24	P66030X24	P76030X24	3 x 2½"	5	1.83	1.13	0.92	0.40	3.86
		P66040X20		4 x 2"	1	3.02	1.22	0.75	0.60	3.28
		P66040X24		4 x 2½"	1	3.30	1.22	0.92	0.60	3.86
	LF76040X30	P66040X30	P76040X30	4 x 3"	1	3.30	1.22	0.98	0.50	4.62

Caps Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
	LF73701	P63701	P73701	⅛"	25	0.04	0.49
LF63702	LF73702	P63702	P73702	¼"	25	0.06	0.59
LF63703	LF73703	P63703	P73703	⅜"	25	0.10	0.64
LF63704	LF73704	P63704	P73704	½"	25	0.12	0.76
LF63706	LF73706	P63706	P73706	¾"	25	0.25	0.84
LF63710	LF73710	P63710	P73710	1"	25	0.42	0.99
LF63712	LF73712	P63712	P73712	1¼"	10	0.64	1.10
LF63714	LF73714	P63714	P73714	1½"	10	0.86	1.15
LF63720	LF73720	P63720	P73720	2"	5	1.25	1.32
	LF73724	P63724	P73724	2½"	5	2.20	1.70
	LF73730	P63730	P73730	3"	5	3.06	1.80
	LF73740	P63740	P73740	4"	1	5.75	2.08

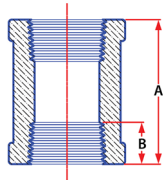
Couplings Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
	LF74001	P64001	P74001	⅛"	25	0.06	0.80	0.25
LF64002	LF74002	P64002	P74002	¼"	25	0.09	0.97	0.32
LF64003	LF74003	P64003	P74003	⅜"	25	0.12	1.05	0.36
LF64004	LF74004	P64004	P74004	½"	25	0.17	1.29	0.43
LF64006	LF74006	P64006	P74006	¾"	25	0.27	1.43	0.50
LF64010	LF74010	P64010	P74010	1"	25	0.44	1.68	0.58
LF64012	LF74012	P64012	P74012	1¼"	10	0.65	1.86	0.67
LF64014	LF74014	P64014	P74014	1½"	10	0.89	1.92	0.70
LF64020	LF74020	P64020	P74020	2"	5	1.38	2.20	0.75
	LF74024	P64024	P74024	2½"	-	2.75	2.88	0.92
	LF74030	P64030	P74030	3"	-	3.95	3.18	0.98
	LF74040	P64040	P74040	4"	-	6.90	3.69	1.08

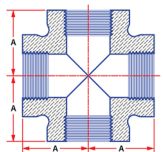
Bronze Fittings

Couplings – Reducing Class 125#



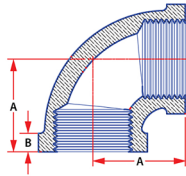
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
	LF74102X01	P64102X01	P74102X01	1/4 x 1/8"	-	0.88	0.88
	LF74103X01	P64103X01	P74103X01	3/8 x 1/8"	-	0.92	0.92
LF64103X02	LF74103X02	P64103X02	P74103X02	3/8 x 1/4"	-	1.01	1.01
	LF74104X01	P64104X01	P74104X01	1/2 x 1/8"	-	-	-
LF64104X02	LF74104X02	P64104X02	P74104X02	1/2 x 1/4"	-	1.13	1.13
LF64104X03	LF74104X03	P64104X03	P74104X03	1/2 x 3/8"	-	1.17	1.17
	LF74106X02	P64106X02	P74106X02	3/4 x 1/4"	-	1.24	1.24
	LF74106X03	P64106X03	P74106X03	3/4 x 3/8"	25	1.24	1.24
LF64106X04	LF74106X04	P64106X04	P74106X04	3/4 x 1/2"	25	1.36	1.36
	LF74110X02	P64110X02	P74110X02	1 x 1/4"	-	1.49	1.49
	LF74110X03	P64110X03	P74110X03	1 x 3/8"	25	1.49	1.49
LF64110X04	LF74110X04	P64110X04	P74110X04	1 x 1/2"	25	1.49	1.49
LF64110X06	LF74110X06	P64110X06	P74110X06	1 x 3/4"	25	1.56	1.56
LF64112X04	LF74112X04	P64112X04	P74112X04	1 1/4 x 1/2"	-	1.65	1.65
LF64112X06	LF74112X06	P64112X06	P74112X06	1 1/4 x 3/4"	10	1.65	1.65
LF64112X10	LF74112X10	P64112X10	P74112X10	1 1/4 x 1"	10	1.77	1.77
LF64114X04	LF74114X04	P64114X04	P74114X04	1 1/2 x 1/2"	10	1.80	1.80
LF64114X06	LF74114X06	P64114X06	P74114X06	1 1/2 x 3/4"	10	1.80	1.80
LF64114X10	LF74114X10	P64114X10	P74114X10	1 1/2 x 1"	10	1.80	1.80
LF64114X12	LF74114X12	P64114X12	P74114X12	1 1/2 x 1 1/4"	10	1.89	1.89
LF64120X04	LF74120X04	P64120X04	P74120X04	2 x 1/2"	-	2.03	2.03
LF64120X06	LF74120X06	P64120X06	P74120X06	2 x 3/4"	10	2.03	2.03
LF64120X10	LF74120X10	P64120X10	P74120X10	2 x 1"	10	2.03	2.03
LF64120X12	LF74120X12	P64120X12	P74120X12	2 x 1 1/4"	10	2.03	2.03
LF64120X14	LF74120X14	P64120X14	P74120X14	2 x 1 1/2"	10	2.06	2.06
LF64124X14	LF74124X14	P64124X14	P74124X14	2 1/2 x 1 1/2"	-	3.25	3.25
LF64124X20	LF74124X20	P64124X20	P74124X20	2 1/2 x 2"	-	3.25	3.25
	LF74130X14		P74130X14	3 x 1 1/2"	-	3.69	3.69
LF64130X20	LF74130X20	P64130X20	P74130X20	3 x 2"	-	3.69	3.69
	LF74130X24	P64130X24	P74130X24	3 x 2 1/2"	-	3.69	3.69
	LF74140X20		P74140X20	4 x 2"	-	4.38	4.38
	LF74140X30	P64140X30	P74140X30	4 x 3"	-	4.38	4.38

Crosses Class 125#



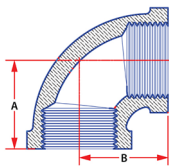
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimension	Pkg. Qty.	Approx. Weight	A Inches
LF63602	LF73602	P63602	P73602	1/4"	-	0.19	0.71
LF63603	LF73603	P63603	P73603	3/8"	5	0.31	0.82
LF63604	LF73604	P63604	P73604	1/2"	-	0.38	1.01
LF63606	LF73606	P63606	P73606	3/4"	-	0.74	1.18
LF63610	LF73610	P63610	P73610	1"	5	1.16	1.43
LF63612	LF73612	P63612	P73612	1 1/4"	-	1.79	1.69
LF63614	LF73614	P63614	P73614	1 1/2"	-	1.97	1.84
LF63620	LF73620	P63620	P73620	2"	-	3.10	2.12
	LF73630		P73630	3"	-	8.25	3.08

Elbows – 90° Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
	LF70001	P60001	P70001	1/8"	25	0.05	0.54	0.25
LF60002	LF70002	P60002	P70002	1/4"	25	0.09	0.71	0.32
LF60003	LF70003	P60003	P70003	3/8"	25	0.15	0.82	0.36
LF60004	LF70004	P60004	P70004	1/2"	25	0.20	1.01	0.43
LF60006	LF70006	P60006	P70006	3/4"	25	0.36	1.18	0.50
LF60010	LF70010	P60010	P70010	1"	25	0.55	1.43	0.58
LF60012	LF70012	P60012	P70012	1 1/4"	10	0.95	1.69	0.67
LF60014	LF70014	P60014	P70014	1 1/2"	5	1.29	1.84	0.79
LF60020	LF70020	P60020	P70020	2"	5	1.95	2.12	0.75
	LF70024	P60024	P70024	2 1/2"	-	3.93	2.70	0.92
	LF70030	P60030	P70030	3"	-	5.80	3.08	0.98
	LF70040	P60040	P70040	4"	-	11.12	3.8	1.08

Elbows – 90° Reducing Class 125#



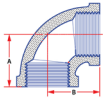
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
	LF70102X01	P60102X01	P70102X01	1/4 x 1/8"	25	0.08	0.65	0.60
	LF70103X01	P60103X01	P70103X01	3/8 x 1/8"	25	0.13	0.75	0.78
	LF70103X02	P60103X02	P70103X02	3/8 x 1/4"	25	0.13	0.75	0.78
	LF70104X02	P60104X02	P70104X02	1/2 x 1/4"	25	0.19	1.78	1.68
	LF70104X03	P60104X03	P70104X03	1/2 x 3/8"	25	0.19	0.93	0.90
	LF70106X02		P70106X02	3/4 x 1/4"	25	0.47	1.00	1.00
	LF70106X03	P60106X03	P70106X03	3/4 x 3/8"	25	0.47	0.97	0.97
LF60106X04	LF70106X04	P60106X04	P70106X04	3/4 x 1/2"	25	0.47	1.08	1.11
	LF70110X02	P60110X02	P70110X02	1 x 1/4"	25	0.50	0.97	1.38
LF60110X04	LF70110X04	P60110X04	P70110X04	1 x 1/2"	25	0.50	1.20	1.24
LF60110X06	LF70110X06	P60110X06	P70110X06	1 x 3/4"	25	0.50	1.30	1.31
	LF70112X04	P60112X04	P70112X04	1 1/4 x 1/2"	10	0.60	1.25	1.37
	LF70112X06	P60112X06	P70112X06	1 1/4 x 3/4"	10	0.60	1.39	1.48
	LF70112X10	P60112X10	P70112X10	1 1/4 x 1"	10	0.60	1.52	1.60
	LF70114X04	P60114X04	P70114X04	1 1/2 x 1/2"	10	0.93	1.84	1.84
	LF70114X06	P60114X06	P70114X06	1 1/2 x 3/4"	5	0.93	1.50	1.75
	LF70114X10	P60114X10	P70114X10	1 1/2 x 1"	5	0.93	1.55	1.72
LF60114X12	LF70114X12	P60114X12	P70114X12	1 1/2 x 1 1/4"	5	0.93	1.72	1.81
LF60120X06	LF70120X06	P60120X06	P70120X06	2 x 3/4"		1.20	1.56	1.93
LF60120X10	LF70120X10	P60120X10	P70120X10	2 x 1"	-	1.20	1.56	1.93
LF60120X12	LF70120X12	P60120X12	P70120X12	2 x 1 1/4"	-	1.20	1.75	2.06
LF60120X14	LF70120X14	P60120X14	P70120X14	2 x 1 1/2"		1.20	1.89	2.07
	LF70124X20	P60124X20	P70124X20	2 1/2 x 2"		2.95	2.39	2.60
	LF70130X24		P70130X24	3 x 2 1/2"		4.36	2.83	2.99



TRENTON PIPE

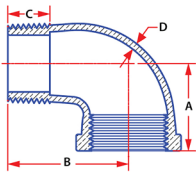
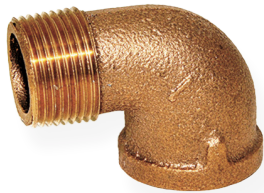
An ASC Engineered Solution

Elbows – 90° Drop Class 125#



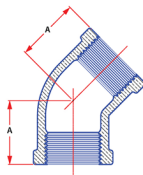
Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches	C Inches
P61004		1/2"	25	0.35	1.13	1.13	0.63

Elbows – 90° Street Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
	LF70201	P60201	P70201	1/8"	0.25	0.06	0.54	0.92
LF60202	LF70202	P60202	P70202	1/4"	25	0.11	0.71	1.11
LF60203	LF70203	P60203	P70203	3/8"	25	0.16	0.82	1.24
LF60204	LF70204	P60204	P70204	1/2"	25	0.22	1.01	1.48
LF60206	LF70206	P60206	P70206	3/4"	25	0.34	1.18	1.65
LF60210	LF70210	P60210	P70210	1"	10	0.56	1.43	1.98
LF60212	LF70212	P60212	P70212	1 1/4"	10	0.96	1.69	2.24
LF60214	LF70214	P60214	P70214	1 1/2"	10	1.32	1.84	2.46
LF60220	LF70220	P60220	P70220	2"	5	2.08	2.12	2.88
	LF70224	P60224	P70224	2 1/2"	-	4.21	2.70	3.86
	LF70230	P60230	P70230	3"	-	6.51	3.08	4.51
	LF70240	P60240	P70240	4"	-	11.36	3.79	5.69

Elbows – 45° Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	A Inches
	LF71001	P61001	P71001	1/8"	25	0.05	0.42	0.42
LF61002	LF71002	P61002	P71001	1/4"	25	0.09	0.56	0.56
LF61003	LF71003	P61003	P71001	3/8"	25	0.14	0.63	0.63
LF61004	LF71004	P61004	P71001	1/2"	25	0.20	0.78	0.78
LF61006	LF71006	P61006	P71001	3/4"	25	0.32	0.89	0.89
LF61010	LF71010	P61010	P71010	1"	25	0.51	1.06	1.06
LF61012	LF71012	P61012	P71012	1 1/4"	10	0.80	1.22	1.22
LF61014	LF71014	P61014	P71014	1 1/2"	10	1.06	1.30	1.30
LF61020	LF71020	P61020	P71020	2"	5	1.71	1.45	1.45
	LF71024	P61024	P71024	2 1/2"	-	3.25	1.95	1.95
	LF71030	P61030	P71030	3"	-	5.00	2.17	2.17
	LF71040	P61040	P71040	4"	-	8.85	2.61	2.61

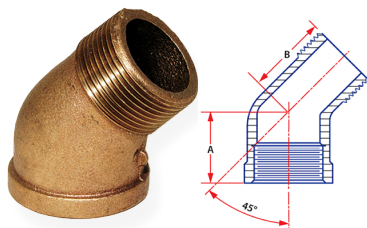


asc-es.com

Building connections that last™

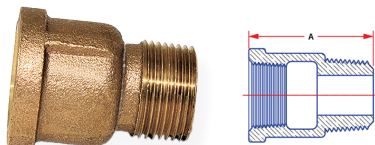
Bronze Fittings

Elbows – 45° Street Class 125#



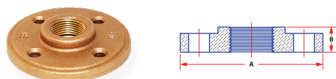
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
	LF71201	P61201	P71201	1/8"		0.07	0.42	0.78
LF61202	LF71202	P61202	P71202	1/4"	25	0.10	0.56	0.88
LF61203	LF71203	P61203	P71203	3/8"	25	0.14	0.63	0.92
LF61204	LF71204	P61204	P71204	1/2"	25	.23	.78	1.06
LF61206	LF71206	P61206	P71206"	3/4"	25	.35	.89	1.23
LF61210	LF71210	P61210	P71210	1"	10	0.56	1.06	1.40
LF61212	LF71212	P61212	P71212	1 1/4"	5	0.91	1.22	1.64
LF61214	LF71214	P61214	P71214	1 1/2"	5	1.21	1.30	1.80
LF61220	LF71220	P61220	P71220	2"	-	2.10	1.45	2.14

Extension Pieces Class 125#



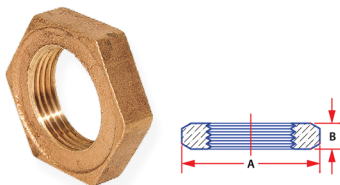
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
LF75604	P65604	P65604		1/2"	25	0.17	1.47
LF75606	P65606	P65606		3/4"	25	0.25	1.81
LF75610		P75610		1"	-	0.46	2.18
LF75612		P75612		1 1/4"	-	0.67	2.06
LF75614		P75614		1 1/2"	-	0.86	2.09
LF7562		P75620		2"	-	1.16	2.31

Floor Flanges



Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
P68704		1/2"	25	0.29	3.0	0.50

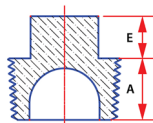
Lock Nuts Class 125#



Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
	P65902		1/4"	25	0.03	0.88	0.25
	P65903		3/8"	25	0.08	1.00	0.28
LF75904	P65904	P75904	1/2"	25	0.07	1.28	0.31
LF75906	P65906	P75906	3/4"	25	0.10	1.50	0.28
LF75910	P65910	P75910	1"	25	0.17	1.75	0.34
LF75912	P65912	P75912	1 1/4"	25	0.25	2.09	0.38
LF75914	P65914	P75914	1 1/2"	25	0.27	2.44	0.40
LF75920	P65920	P75920	2"	10	0.47	2.94	0.47
LF75924		P75924	2 1/2"	-	1.16	3.50	0.56
LF75930		P75930	3"	-	1.90	4.25	0.63
LF75940	P65940	P75940	4"	-	2.65	5-38	0.81

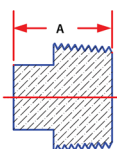
Bronze Fittings

Plugs - Regular - Cored Class 125#



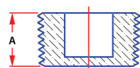
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	E Inches
LF67004	LF77004	P67004	P77004	1/2"	25	0.10	0.54	0.38
LF67006	LF77006	P67006	P77006	3/4"	25	0.12	0.55	0.44
LF67010	LF77010	P67010	P77010	1"	25	0.21	0.69	0.50
LF67012	LF77012	P67012	P77012	1 1/4"	25	0.31	0.71	0.56
LF67014	LF77014	P67014	P77014	1 1/2"	25	0.43	0.73	0.62
LF67020	LF77020	P67020	P77020	2"	10	0.63	0.76	0.68
	LF77024	P67024	P77024	2 1/2"	5	1.31	1.07	0.74
	LF77030	P67030	P77030	3"	5	2.00	1.13	0.80
	LF77040	P67040	P77040	4"	5	3.15	1.22	0.92

Plugs - Solid Class 125#



Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	E Inches
P67604	P67604	P77604	1/2"	25	0.12	0.54	0.38
P67606	P67606	P77606	3/4"	25	0.19	0.55	0.44
P67610	P67610	P77610	1"	25	0.35	0.69	0.50
P67612	P67612		1 1/4"	25	0.63	0.71	0.56
P67614	P67614	P77614	1 1/2"				
P67620	P67620	P77620	2"	-	1.33	0.76	0.68

Plugs - Countersunk Class 125#



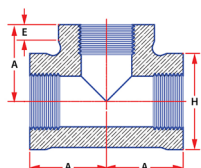
Part No. LF Imp	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
LF77804	PF77804	PF77804	1/2"		0.06	0.54
LF77806	P67806	P77806	3/4"		0.08	0.55
LF77810	P67810	P77810	1"	25	0.21	0.69
LF77812	P67812	P77812	1 1/4"		0.30	0.71
LF77814	P67814	P77814	1 1/2"	10	0.48	0.73
LF77820	P67820	P77820	2"	10	0.77	0.76
LF77824	P67824	P77824	2 1/2"	-	1.55	1.07
	P67830	P77830	3"	-	1.41	1.13
	P67840	P77840	4"	-	2.67	1.22



asc-es.com

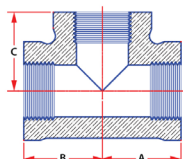
Building connections that last™

Tees Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dim	Pkg. Qty.	Approx. Weight	A Inches	H Inches	E Inches
	LF72001	P62001	P72001	1/8"	25	0.08	0.55	0.67	0.14
LF62002	LF72002	P62002	P72002	1/4"	25	0.13	0.71	0.81	0.16
LF62003	LF72003	P62003	P72003	3/8"	25	0.21	0.82	1.00	0.17
LF62004	LF72004	P62004	P72004	1/2"	25	0.31	1.01	1.17	0.19
LF62006	LF72006	P62006	P72006	3/4"	26	0.49	1.18	1.42	0.23
LF62010	LF72010	P62010	P72010	1"	10	0.82	1.43	1.72	0.27
LF62012	LF72012	P62012	P72012	1 1/4"	6	1.26	1.69	2.10	0.31
LF62014	LF72014	P62014	P72014	1 1/2"	5	1.69	1.84	2.38	0.34
LF62020	LF72020	P62020	P72020	2"	5	2.60	2.12	2.92	0.41
	LF72024	P62024	P72024	2 1/2"	-	5.12	2.70	3.49	0.48
	LF72030	P62030	P72030	3"	-	7.63	3.08	4.20	0.55
	LF72040	P62040	P72040	4"	-	14.00	3.79	5.31	0.66

Tees Reducing Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches	C Inches
	LF72102X02X03		P72102X02X03	1/4 x 1/4 x 3/8"	25	0.19	0.78	0.78	0.75
	LF72103X03X02	P62103X03X02	P72103X03X02	3/8 x 3/8 x 1/4"	25	0.19	0.75	0.75	0.78
	LF72103X03X04		P72103X03X04	3/8 x 3/8 x 1/2"	25	0.21	0.90	0.90	0.93
	LF72104X02X04		P72104X02X04	1/2 x 1/4 x 1/2"	25	0.25	1.84	1.84	0.84
	LF72104X03X03		P72104X03X03	1/2 x 3/8 x 3/8"	25	0.25	0.93	0.82	0.90
LF62104X04X02	LF72104X04X02	P62104X04X02	P72104X04X02	1/2 x 1/2 x 1/4"	25	0.21	0.87	0.87	0.87
LF62104X04X03	LF72104X04X03	P62104X04X03	P72104X04X03	1/2 x 1/2 x 3/8"	25	0.21	0.93	0.93	0.90
	LF72104X04X06	P62104X04X06	P72104X04X06	1/2 x 1/2 x 3/4"	25	0.35	1.11	1.11	1.08
	LF72106X04X04	P62106X04X04	P72106X04X04	3/4 x 1/2 x 1/2"	10	0.35	1.08	1.01	1.11
	LF72106X04X06	P62106X04X06	P72106X04X06	3/4 x 1/2 x 3/4"	10	0.38	1.18	1.11	1.18
LF62106X06X02	LF72106X06X02	P62106X06X02	P72106X06X02	3/4 x 3/4 x 1/4"	25	0.38	1.00	1.00	1.00
LF62106X06X04	LF72106X06X04	P62106X06X04	P72106X06X04	3/4 x 3/4 x 1/2"	10	0.38	1.08	1.08	1.11
	LF72106X06X10	P62106X06X10	P72106X06X10	3/4 x 3/4 x 1"	10	0.59	1.31	1.31	1.30

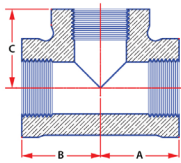


TRENTON PIPE

An ASC Engineered Solution

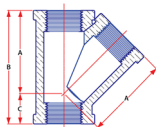
Bronze Fittings

Tees - Reducing Class 125#



Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches	C Inches
	LF72110X04X10	P62110X04X10	P72110X04X10	1 x 1/2 x 1"	10	0.62	1.43	1.24	1.43
	LF72110X06X06	P62110X06X06	P72110X06X06	1 x 3/4 x 3/4"	10	0.59	1.30	1.18	1.31
	LF72110X06X10	P62110X06X10	P72110X06X10	1 x 3/4 x 1"	10	0.62	1.43	1.31	1.43
LF62110X10X04	LF72110X10X04	P62110X10X04	P72110X10X04	1 x 1 x 1/2"	10	0.62	1.20	1.20	1.24
LF62110X10X06	LF72110X10X06	P62110X10X06	P72110X10X06	1 x 1 x 3/4"	10	0.62	1.30	1.30	1.31
	LF72110X10X12	P62110X10X12	P72110X10X12	1 x 1 x 1/4"	10	0.81	1.60	1.60	1.52
	LF72110X10X14	P62110X10X14	P72110X10X14	1 x 1 x 1 1/2"	10	1.15	1.72	1.72	1.55
	LF72112X04X12	P62112X04X12	P72112X04X12	1 1/4 x 1/2 x 1 1/4"	10	0.89	1.69	1.40	1.69
	LF72112X06X06	P62112X06X06	P72112X06X06	1 1/4 x 3/4 x 3/4"	10	0.81	1.37	1.25	1.50
	LF72112X06X12	P62112X06X12	P72112X06X12	1 1/4 x 3/4 x 1 1/4"	10	0.89	1.69	1.48	1.69
LF62112X12X04	LF72112X12X04	P62112X12X04	P72112X12X04	1 1/4 x 1 1/4 x 1/2"	5	1.15	1.81	1.81	1.72
LF62112X12X06	LF72112X12X06	P62112X12X06	P72112X12X06	1 1/4 x 1 1/4 x 3/4"	10	0.89	1.39	1.39	1.48
LF62112X12X10	LF72112X12X10	P62112X12X10	P72112X12X10	1 1/4 x 1 1/4 x 1"	5	0.89	1.52	1.52	1.60
	LF72112X12X14	P62112X12X14	P72112X12X14	1 1/4 x 1 1/4 x 1 1/2"	5	1.15	1.81	1.81	1.72
	LF72114X04X14	P62114X04X14	P72114X04X14	1 1/2 x 1/2 x 1 1/2"	5	1.14	1.81	1.56	1.81
	LF72114X06X14	P62114X06X14	P72114X06X14	1 1/2 x 3/4 x 1 1/2"	5	1.14	1.84	1.60	1.84
	LF72114X10X14	P62114X10X14	P72114X10X14	1 1/2 x 1 x 1 1/2"	-	1.14	1.87	1.81	1.87
LF62114X14X04	LF72114X14X04	P62114X14X04	P72114X14X04	1 1/2 x 1 1/2 x 1/2"	5	1.14	1.32	1.32	1.53
LF62114X14X06	LF72114X14X06	P62114X14X06	P72114X14X06	1 1/2 x 1 1/2 x 3/4"	5	1.14	1.42	1.42	1.60
LF62114X14X10	LF72114X14X10	P62114X14X10	P72114X14X10	1 1/2 x 1 1/2 x 1"	5	1.14	1.55	1.55	1.72
LF62114X14X12	LF72114X14X12	P62114X14X12	P72114X14X12	1 1/2 x 1 1/2 x 1 1/4"	5	1.14	1.72	1.72	1.81
	LF72120X06X20	P62120X06X20	P72120X06X20	2 x 3/4 x 2"	-	1.78	2.12	2.84	2.12
	LF72120X14X20	P62120X14X20	P72120X14X20	2 x 1 1/2 x 2"	-	1.78	2.12	2.07	2.12
LF62120X20X04	LF72120X20X04	P62120X20X04	P72120X20X04	2 x 2 x 1/2"	-	1.78	1.50	1.50	1.87
LF62120X20X06	LF72120X20X06	P62120X20X06	P72120X20X06	2 x 2 x 3/4"	-	1.78	1.47	1.47	1.84
LF62120X20X10	LF72120X20X10	P62120X20X10	P72120X20X10	2 x 2 x 1"	5	1.78	1.59	1.59	1.95
LF62120X20X12	LF72120X20X12	P62120X20X12	P72120X20X12	2 x 2 x 1 1/4"	-	1.78	1.77	1.77	2.04
LF62120X20X14	LF72120X20X14	P62120X20X14	P72120X20X14	2 x 2 x 1 1/2"	-	1.78	1.89	1.89	2.07
	LF72124X14X24	P62124X14X24	P72124X14X24	2 1/2 x 1 1/2 x 2 1/2"	-	2.66	2.06	2.50	2.69
		P62124X24X20		2 1/2 x 2 1/2 x 2"	-	2.66	2.39	2.39	2.60
	LF72130X30X20	P62130X30X20	P72130X30X20	3 x 3 x 2"	-	4.77	2.52	2.52	2.89
		P62130X30X24		3 x 3 x 2 1/2"	-	4.77	2.83	2.83	2.99

"Y" Branches - 45° Class 125#



Part No. LF Imp	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
LF75706	P75706	3/4"	10		0.59	1.90
LF75710	P75710	1"	5		0.94	2.33
LF75712	P75712	1 1/4"	-		1.63	2.83
LF75714	P75714	1 1/2"	-		2.03	3.14
LF75720	P75720	2"	-		3.94	3.76

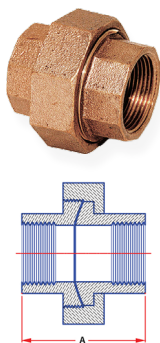


asc-es.com

Building connections that last™

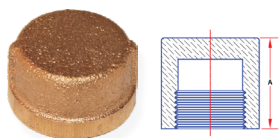
Bronze Fittings

Unions Class 125#



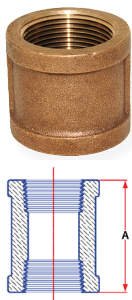
Part No. LF Imp	Part No. LF Dom	Part No. Import	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
	LF79001	P69001	P79001	1/8"	-	0.14	-
LF69002	LF79002	P69002	P79002	1/4"	25	0.19	1.44
LF69003	LF79003	P69003	P79003	3/8"	25	0.36	1.63
LF69004	LF79004	P69004	P79004	1/2"	10	0.41	1.81
LF69006	LF79006	P69006	P79006	3/4"	25	0.63	2.0
LF69010	LF79010	P69010	P79010	1"	10	1.14	2.19
LF69012	LF79012	P69012	P79012	1 1/4"	-	1.43	2.44
LF69014	LF79014	P69014	P79014	1 1/2"	-	2.06	2.63
LF69020	LF79020	P69020	P79020	2"	-	3.14	2.94
	LF79024	P69024	P79024	2 1/2"	-	5.00	-
	LF79030	P69030	P79030	3"	-	6.7	-

Caps - Extra Heavy Class 250#



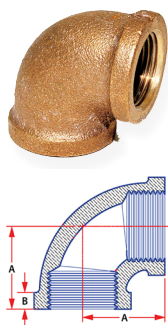
Part No. LF Dom	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
LF83706	P83706	3/4"	10	0.42	1.0
LF83710	P83710	1"	10	0.58	1.19
LF83720	P83720	2"	10	1.96	1.56

Couplings - Extra Heavy Class 250#



Part No. LF Dom	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
LF84002	P84002	1/4"	25	.14	1.06
LF84004	P84004	1/2"	25	.39	1.34
LF84006	P84006	3/4"	25	.63	1.52
LF84106X04	P84106X04	3/4 x 1 1/2"	-	.63	1.52
LF84010	P84010	1"	25	.44	1.68
LF84014	P84014	1 1/2"	10	.89	1.92
LF84020	P84020	2"	5	3.20	2.53
LF84120X14	P84120X14	2 x 1 1/2"	-	2.42	2.44

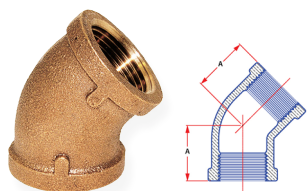
Elbows - 90° - Extra Heavy Class 250#



Part No. LF Dom	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	B Inches
LF80002	P80002	1/4"	25	.18	0.81	0.32
LF80003	P80003	3/8"	25	.25	0.95	0.36
LF80004	P80004	1/2"	10	.40	1.12	0.43
LF80006	P80006	3/4"	25	.70	1.31	0.50
LF80010	P80010	1"	10	1.13	1.5	0.58
LF80014	P80014	1 1/2"	-	2.30	1.94	0.70
LF80020	P80020	2"	-	3.60	2.25	0.75
LF80024	P80024	2 1/2"	-	5.62	2.70	0.92
LF80030	P80030	3"	-	8.48	3.08	0.98

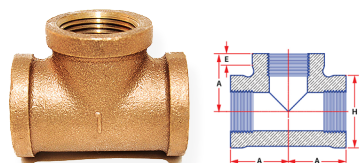
Bronze Companion Flanges

Elbows – 45° Extra Heavy Class 250#



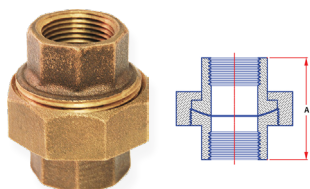
Part No. LF Dom	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
Inches	P81004	1/2"	10	.40	0.88
LF81004	P81004	1/2"	10	.40	0.88
LF81010	P81010	1"	10	1.00	1.12
LF81010	P81014	1 1/2"	-	2.01	1.43
LF81020	P81020	2"	-	3.88	1.68

Tees – Extra Heavy Class 250#



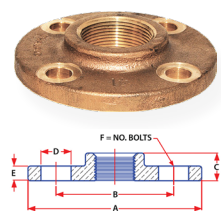
Part No. LF Dom	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches	H Inches	E Inches
LF82004	P82004	1/2"	0.40	1.12	1.34	0.50	0.50
LF82006	P82006	3/4"	1.00	1.31	1.63	0.56	0.56
P82006	P82010	1"	1.50	1.5	1.95	0.62	0.62
LF82010	P82012	1 1/4"	2.44	1.75	2.39	0.69	0.69
LF82012	P82014	1 1/2"	3.18	1.94	2.68	0.75	0.75
P82012	P82020	2"	4.89	2.25	3.28	0.84	0.84

Unions – Extra Heavy Class 250#



Part No. LF Dom	Part No. Domestic	Dimensions	Pkg. Qty.	Approx. Weight	A Inches
LF89002	P89002	1/4"	25	.32	1.56
LF89003	P89003	3/8"	25	.48	1.75
LF89004	P89004	1/2"	105	.60	2.00
LF89006	P89006	3/4"	10	.96	2.13
LF89010	P89010	1"	10	1.44	2.44
LF89012	P89012	1 1/4"	-	2.00	2.69
LF89014	P89014	1 1/2"	-	2.50	2.81
LF89020	P89020	2"	-	3.72	3.19
LF89024	P89024	2 1/2"	-	5.91	3.63
LF89030	P89030	3"	-	9.07	3.69

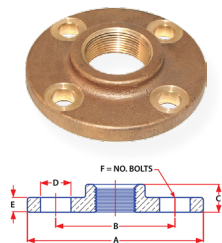
Companion – Standard – Flanges Class 150#



Part No. Import	Part No. Domestic	Dimensions	Approx. Weight	A Inches	B Inches	C Inches	D Inches	E Inches	F Inches
P68604	P78604	1/2"	1.10	3.50	2.38	0.59	0.63	0.31	4
P68606	P78606	3/4"	1.13	3.88	2.75	0.62	0.63	0.34	4
P68610	P78610	1"	1.89	4.25	3.12	0.69	0.63	0.38	4
P68612	P78612	1 1/4"	2.38	4.62	3.50	0.81	0.63	0.41	4
P68614	P78614	1 1/2"	3.25	5.00	3.88	0.88	0.63	0.44	4
P68620	P78620	2"	5.50	6.00	4.75	1.00	0.75	0.50	4
P68624	P78624	2 1/2"	6.55	7.00	5.50	1.12	0.75	0.56	4
P68630	P78630	3"	9.76	7.50	6.00	1.19	0.75	0.62	4
P68640	P78640	4"	13.42	9.00	7.50	1.31	0.75	0.69	8

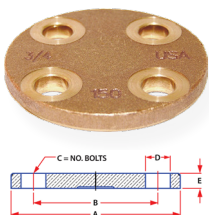
Bronze Companion Flanges / Chrome Plated Fittings

Companion Flanges – Extra Heavy Class 300#



Part No. Import	Part No. Domestic	Dimensions	Approx. Weight	A	B	C	D	E	F
	P88604	1/2"	2.20	3.75	2.62	0.59	0.63	0.44	4
	P88606	3/4"	2.75	4.62	3.25	0.62	0.75	0.47	4
	P88610	1"	3.03	4.88	3.50	0.69	0.75	0.53	4
	P88612	1 1/4"	4.00	5.25	3.88	0.81	0.75	0.56	4
	P88614	1 1/2"	5.75	6.12	4.50	0.88	0.88	0.62	4
	P88620	2"	6.63	6.50	5.00	1.00	0.75	0.69	8

Blind Companion Flanges Class 150#



Part No. Import	Part No. Domestic	Dimensions	Approx. Weight	A	B	C	D	E
P78820		2"	3.45	6.00	4.75	4	0.75	0.50
P78824		2 1/2"	4.77	7.00	5.50	4	0.75	0.56
P78830		3"	5.38	7.50	6.00	4	0.75	0.62
P78840		4"	7.50	9.00	7.50	8	0.75	0.69
P78850		5"	10.36	10.00	8.50	8	0.88	0.75
P78860		6"	15.09	11.00	9.50	8	0.88	0.81

Chrome Plated Fittings

All bronze fittings and nipples listed in our catalog are available chrome plated. All chrome plating is commercial grade (minimum of 4 mils of zinc under chrome). High Polish Chrome Plated Brass Fittings are available as special orders.



TRENTON PIPE

An ASC Engineered Solution

Brass Barstock Fittings

Bushing Hex – Brass Barstock



Part No.	Dimensions	Approx. Weight
P56002X01	$\frac{1}{4} \times \frac{1}{8}$ "	.03
P56003X01	$\frac{3}{8} \times \frac{1}{8}$ "	.06
P56003X02	$\frac{3}{8} \times \frac{1}{4}$ "	.04
P56004X01	$\frac{1}{2} \times \frac{1}{8}$ "	.10
P56004X02	$\frac{1}{2} \times \frac{1}{4}$ "	.09
P56004X03	$\frac{1}{2} \times \frac{3}{8}$ "	.06
P56006X01	$\frac{3}{4} \times \frac{1}{8}$ "	.21
P56006X02	$\frac{3}{4} \times \frac{1}{4}$ "	.19
P56006X03	$\frac{3}{4} \times \frac{3}{8}$ "	.15
P56006X04	$\frac{3}{4} \times \frac{1}{2}$ "	.12
P56010X06	$1 \times \frac{3}{4}$ "	.22

Caps – Brass Barstock



Part No.	Dimensions	Approx. Weight
P53701	$\frac{1}{8}$ "	.03
P53702	$\frac{1}{4}$ "	.05

Couplings – Brass Barstock



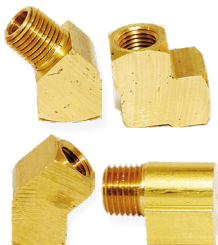
Part No.	Dimensions	Approx. Weight
P54001	$\frac{1}{8}$ "	.03
P54002	$\frac{1}{4}$ "	.05
P54102X01	$\frac{1}{4} \times \frac{1}{8}$ "	.04
P54103X01	$\frac{3}{8} \times \frac{1}{8}$ "	.09
P54103X02	$\frac{3}{8} \times \frac{1}{4}$ "	.06

Crosses – Brass Barstock



Part No.	Dimensions	Approx. Weight
P53601	$\frac{1}{8}$ "	.10
P53602	$\frac{1}{4}$ "	.20

Elbows – Brass Barstock



Part No.	Dimensions	Approx. Weight
P50001	$\frac{1}{8}$ " – 90°	.06
P50201	$\frac{1}{8}$ " – 90° Street	.04
P50202	$\frac{1}{4}$ " – 90° Street	.08
P51001	$\frac{1}{8}$ " – 45°	.03
P51201	$\frac{1}{8}$ " – 45° Street	.05
P51202	$\frac{1}{4}$ " – 45° Street	.10

Elbows – 45° Class 125#



Part No.	Dimensions	Approx. Weight
P52001	$\frac{1}{8}$ "	.08
P52002	$\frac{1}{4}$ "	.18

Brass Barstock Fittings

Face Bushing – Brass Barstock



Part No.	Dimensions	Approx. Weight
P56604X02	$\frac{1}{2} \times \frac{1}{4}$ "	.06
P56604X03	$\frac{1}{2} \times \frac{3}{8}$ "	.05
P56606X03	$\frac{3}{4} \times \frac{3}{8}$ "	1.1
P56606X04	$\frac{3}{4} \times \frac{1}{2}$ "	.09

Locknuts Hex – Brass Barstock



Part No.	Dimensions	Approx. Weight
P54001	$\frac{1}{8}$ "	.02
P54002	$\frac{1}{4}$ "	.04
P54003	$\frac{3}{8}$ "	.05
P54004	$\frac{1}{2}$ "	.07

Plugs Hex Head Cored – Brass Barstock



Part No.	Dimensions	Approx. Weight
P57001	$\frac{1}{8}$ "	.02
P57002	$\frac{1}{4}$ "	.05
P57003	$\frac{3}{8}$ "	.06
P57004	$\frac{1}{2}$ "	.13
P57006	$\frac{3}{4}$ "	.15

Plugs Hex Head Solid – Brass Barstock



Part No.	Dimensions	Approx. Weight
P57601H	$\frac{1}{8}$ "	.03
P57602H	$\frac{1}{4}$ "	.05
P57603H	$\frac{3}{8}$ "	.08
P57604H	$\frac{1}{2}$ "	.14
P57606H	$\frac{3}{4}$ "	.25

Plugs – Hex Head Countersunk



Part No.	Dimensions	Approx. Weight
P57801	$\frac{1}{8}$ "	.02
P57802	$\frac{1}{4}$ "	.03
P57803	$\frac{3}{8}$ "	.05
P57804	$\frac{1}{2}$ "	.09

Plugs – Square Head Solid



Part No.	Dimensions	Approx. Weight
P57601	$\frac{1}{8}$ "	.02
P57602	$\frac{1}{4}$ "	.05
P57603	$\frac{3}{8}$ "	.07
P57604	$\frac{1}{2}$ "	.13

Custom Fabrication

Trenton fabricates Pipe and Tube to customer's special requirements in Brass, Copper, Aluminum, Stainless Steel, Carbon Steel, wall thicknesses up to Schedule 80. Typical operations include one or more of the following:

Threading = various threads forms including NPT, NPSL, NPSM, NPTF, Short (hospital) threads, BPS, BSPT (Metric), UN, UNS, etc.

Bending = tight radius, tolerances to +/- 1 degree, mandrill supported thin wall bending, heavy wall bending—can bend schedule 80, 316 Stainless Steel and heavier

Machining = precision machine shop operations, such as milling, grinding, boring, shaping

Tapping = various thread forms—see above under threading

Broaching and **Swaging** (expanding and reducing)

Soldering and **Brazing**

Cutting = saw cutting or roller cutting

End Spinning = end closed as a 'test-tube' end = diameter to $\frac{3}{4}$ " - brass and copper only

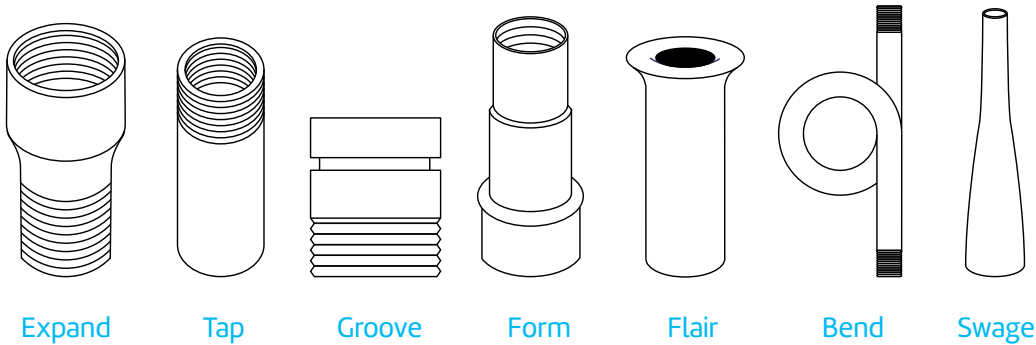
Custom Finishes = polished, chrome, nickel (polished or brushed)

End Forming / Flaring

Drilling

Grooving = standard Victaulic groove or custom

Trenton can do (almost) anything to a piece of pipe in (almost) any combination you need



asc-es.com

Building connections that last™



TRENTON PIPE

An ASC Engineered Solution

About ASC Engineered Solutions

ASC Engineered Solutions is defined by quality—in its products, services and support. With nearly 2,000 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruvlok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF®, SprinkFLEX®, Trenton Pipe and VEP. With headquarters in Oak Brook, IL, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



asc-es.com

Building connections that last™

