

Elkhart Products
Corporation

Elkhart Products
Corporation



For the perfect fit

Resource Guide



Resource
Guide

FLOW CONTROL





Elkhart Products Corporation

Product Update

TECTITE™ work smart

SIZE does matter

So does breadth of line

TECTITE™ Push Fittings from Elkhart Products Corporation gives you both



NOW AVAILABLE

Slip Couplings



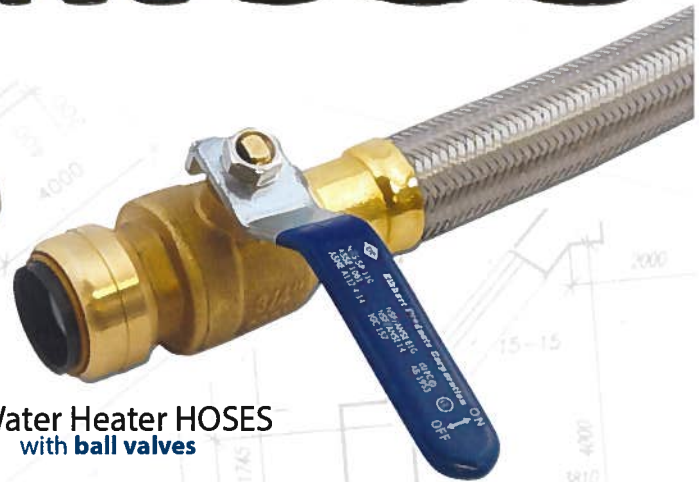
Slip Tees



Expansion Tee



Angle and Straight Stops



Water Heater HOSES with ball valves

Features & Benefits

- Reduce repair interruption time.
- Removable **Lead Free** brass fittings in sizes 1/4" to 2".
- No special installation tools required.
- Standard and **Lead Free** designs available.
- Quick and easy, removable and reusable installation.
- Joins copper, CPVC and PEX tubing.
- Potable water & hydronic installation.

For more information about what Elkhart Products can do for you, contact us at:

(800) 423.8078 or www.elkhartproducts.com





Elkhart Products Corporation

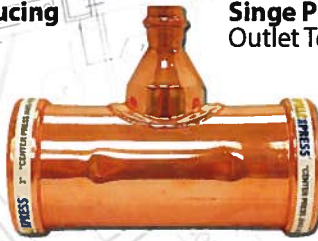
Reduce TIME with APOLLOXPRESS® system solutions



Large Diameter Reducing Run Outlet Tee



90° Elbow Large Diameter Close Turn



Single Piece Reducing Outlet Tee



Large Diameter Coupling with Stop

Small Diameter Coupling



Male Adapter Large Diameter



Large Diameter Flange Floating Flange Feature

Check out these other great products from APOLLOXPRESS

brought to you by



BALL VALVES Available in Sizes 1/2" to 4"



GATE, GLOBE, CHECKS & STRAINERS Available in Sizes 1/2" to 2"



WATER PRESSURE REDUCING VALVES Available in Sizes 1/2" to 2"



BACKFLOW PREVENTION Available in Sizes 1/2" to 2"



Features & Benefits

- American Made **Quality** you can **Depend On**.
- **VISUAL** and **Mechanical Leak Before Press** feature on our large diameter fittings.
- **Short turn elbows** for space saving alternatives.
- **Fully supported** on BIM.
- **Unique** Floating flanges can be put back in place during installation.
- **Lead Free**
- Height reduction resulting in **smaller envelope**.
- **Deepest** cup depth on the market.
- Mechanical **leak before press** on small diameter, 120 degree turn.
- **Lighter** construction.
- One piece **welded construction tees**.
- Custom Factory welded by **certified welders**.
- **100% water tested** weld or press.

For more information about what Elkhart Products can do for you, contact us at:

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Product Update



Elkhart Products Corporation


1255 Oak Street • Elkhart, Indiana 46514 • (574) 264-3181 • FAX (574) 264-0103

www.elkhartproducts.com

Wrot Solder-Joint Fittings W-165

Suggested Contractor Prices Effective August 29, 2013


Wrot - Pressure Fittings



**Wrot
100**

Coupling With Stop

C x C
Copper to Copper



**Wrot
100-RS**

Coupling With Roll Stop


C x C
Copper to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030896	1/4	3/8	50	1000	\$1.06
10030898	3/8	1/2	50	1000	\$1.41
10030900	1/2	5/8	100	1000	\$1.16
10030902	5/8	3/4	25	500	\$3.51
10030904	3/4	7/8	25	500	\$2.34
10030908	1	1 1/8	25	250	\$4.67
10030910	1 1/4	1 3/8	20	200	\$8.20
10030914	1 1/2	1 5/8	10	100	\$10.84
10030916	2	2 1/8	5	50	\$18.11
10030918	2 1/2	2 5/8	5	50	\$38.43
10030920	3	3 1/8	5	40	\$54.32
10030922	3 1/2	3 5/8	1	16	\$104.15
10030924	4	4 1/8	1	16	\$114.23
10030926	5	5 1/8	1	6	\$263.28
10030928	6	6 1/8	1	6	\$435.10
10030930	8	8 1/8	1	1	\$1,410.11

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030666	1/8	1/4	50	1000	\$1.30
10030678	1/4	3/8	50	1000	\$1.07
10030686	3/8	1/2	50	1000	\$1.41
10030694	1/2	5/8	100	1000	\$1.16
10030702	5/8	3/4	25	500	\$3.34
10030712	3/4	7/8	50	500	\$2.34
10030724	7/8	1	10	200	\$7.61
10030730	1	1 1/8	10	250	\$4.67
10030746	1 1/4	1 3/8	20	200	\$8.20
10030764	1 1/2	1 5/8	10	100	\$10.84
10030782	2	2 1/8	5	50	\$18.11



**Wrot
100-RS**

Coupling With Roll Stop

C x C
Copper to Copper



**Wrot
101**

Coupling Without Stop

C x C

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030662	-	3/16 OD	50	1000	\$1.54
10030672	-	5/16OD	50	1000	\$1.54

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030944	1/8	1/4	50	1000	\$2.16
10030948	1/4	3/8	50	1000	\$0.88
10030950	3/8	1/2	50	1000	\$3.04
10030952	1/2	5/8	100	1000	\$1.54
10030954	5/8	3/4	25	500	\$4.60
10030956	3/4	7/8	50	500	\$3.20
10030960	1	1 1/8	25	250	\$6.75




Wrot - Pressure Fittings

**Wrot
101**

Coupling Without Stop

C x C



**Wrot
101-R**

Coupling With Stop

Copper to Copper


C x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030962	1 1/4	1 3/8	20	200	\$10.08
10030964	1 1/2	1 5/8	10	100	\$13.61
10030966	2	2 1/8	5	50	\$23.02
10030968	2 1/2	2 5/8	5	50	\$30.12
10030970	3	3 1/8	5	40	\$55.37
10030972	3 1/2	3 5/8	1	16	\$126.02
10030974	4	4 1/8	2	16	\$106.10
10030976	5	5 1/8	1	6	\$331.04
10030978	6	6 1/8	1	6	\$515.57
10030980	8	8 1/8	1	1	\$866.16

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030772	1 1/2 X 3/4	1 5/8 X 7/8	10	100	\$17.69
10030768	1 1/2 X 1	1 5/8 X 1 1/8	10	100	\$17.69
10030766	1 1/2 X 1 1/4	1 5/8 X 1 3/8	10	100	\$17.69
10030792	2 X 1/2	2 1/8 X 5/8	10	100	\$30.59
10030790	2 X 3/4	2 1/8 X 7/8	10	100	\$29.39
10030788	2 X 1	2 1/8 X 1 1/8	10	100	\$28.84
10030786	2 X 1 1/4	2 1/8 X 1 3/8	10	100	\$27.35
10030784	2 X 1 1/2	2 1/8 X 1 5/8	10	100	\$27.35
10030806	2 1/2 X 1	2 5/8 X 1 1/8	5	50	\$70.24
10030804	2 1/2 X 1 1/4	2 5/8 X 1 3/8	5	50	\$69.79
10030802	2 1/2 X 1 1/2	2 5/8 X 1 5/8	5	50	\$61.76
10030800	2 1/2 X 2	2 5/8 X 2 1/8	5	50	\$60.48
10030820	3 X 1 1/2	3 1/8 X 1 5/8	2	20	\$81.83
10030818	3 X 2	3 1/8 X 2 1/8	2	20	\$73.24
10030816	3 X 2 1/2	3 1/8 X 2 5/8	2	20	\$74.77
10030832	3 1/2 X 3	3 5/8 X 3 1/8	1	16	\$126.54
10030846	4 X 2	4 1/8 X 2 1/8	2	32	\$167.79
10030844	4 X 2 1/2	4 1/8 X 2 5/8	1	32	\$174.51
10030842	4 X 3	4 1/8 X 3 1/8	1	32	\$153.42
10030840	4 X 3 1/2	4 1/8 X 3 5/8	2	32	\$174.51
10030856	5 X 2	5 1/8 X 2 1/8	1	6	\$590.04
10030854	5 X 2 1/2	5 1/8 X 2 5/8	1	6	\$590.04
10030852	5 X 3	5 1/8 X 3 1/8	1	6	\$621.06
10030850	5 X 4	5 1/8 X 4 1/8	1	6	\$599.15
10030868	6 X 2	6 1/8 X 2 1/8	1	6	\$1,071.33
10030866	6 X 2 1/2	6 1/8 X 2 5/8	1	6	\$969.21
10030864	6 X 3	6 1/8 X 3 1/8	1	6	\$928.19
10030862	6 X 4	6 1/8 X 4 1/8	1	6	\$928.19
10030860	6 X 5	6 1/8 X 5 1/8	1	6	\$1,020.19
10030880	8 X 2	8 1/8 X 2 1/8	1	1	\$1,604.88
10030878	8 X 2 1/2	8 1/8 X 2 5/8	1	1	\$1,595.65
10030876	8 X 3	8 1/8 X 3 1/8	1	1	\$1,595.65
10030874	8 X 4	8 1/8 X 4 1/8	1	1	\$1,679.62
10030873	8 X 5	8 1/8 X 5 1/8	1	1	\$1,679.62
10030872	8 X 6	8 1/8 X 6 1/8	1	1	\$1,679.62



**Wrot
101-R**

Coupling With Stop

Copper to Copper

C x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030668	-	1/4ODX3/16OD	50	1000	\$7.46
10030680	-	3/8ODX5/16OD	50	1000	\$6.97
10030684	1/4 X 1/8	3/8 X 1/4	50	1000	\$7.24
10030692	3/8 X 1/8	1/2 X 1/4	50	1000	\$3.19
10030688	3/8 X 1/4	1/2 X 3/8	50	1000	\$2.37
10030700	1/2 X 1/8	5/8 X 1/4	50	1000	\$3.27
10030698	1/2 X 1/4	5/8 X 3/8	50	1000	\$2.95
10030696	1/2 X 3/8	5/8 X 1/2	50	1000	\$2.43
10030708	5/8 X 1/4	3/4 X 3/8	25	500	\$6.50
10030706	5/8 X 3/8	3/4 X 1/2	25	500	\$7.35
10030704	5/8 X 1/2	3/4 X 5/8	25	500	\$5.94
10030720	3/4 X 1/4	7/8 X 3/8	25	500	\$5.15
10030718	3/4 X 3/8	7/8 X 1/2	25	500	\$5.24
10030716	3/4 X 1/2	7/8 X 5/8	50	300	\$4.15
10030714	3/4 X 5/8	7/8 X 3/4	50	500	\$4.20
10030740	1 X 3/8	1 1/8 X 1/2	25	250	\$9.39
10030738	1 X 1/2	1 1/8 X 5/8	25	250	\$9.08
10030736	1 X 5/8	1 1/8 X 3/4	25	250	\$8.21
10030734	1 X 3/4	1 1/8 X 7/8	25	250	\$7.69
10030756	1 1/4 X 1/2	1 3/8 X 5/8	10	100	\$11.10
10030752	1 1/4 X 3/4	1 3/8 X 7/8	10	100	\$10.68
10030748	1 1/4 X 1	1 3/8 X 1 1/8	10	100	\$10.68
10030776	1 1/2 X 1/2	1 5/8 X 5/8	10	100	\$18.78



Wrot - Pressure Fittings



C x C

Wrot
102

Union

Copper to Copper



C x F

Wrot
103

Female Adapter

Copper to Female N.P.T.

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10033576	1/4	3/8	25	500	\$26.36
10033578	3/8	1/2	25	250	\$27.70
10033580	1/2	5/8	25	250	\$16.76
10033582	3/4	7/8	20	200	\$21.07
10033584	1	1 1/8	10	100	\$35.45
10033585	1 1/4	1 3/8	5	50	\$56.35
10033586	1 1/2	1 5/8	5	50	\$74.15
10033587	2	2 1/8	2	20	\$126.40

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030172	1 1/4 X 1 1/2	1 3/8 X 1 1/2	10	100	\$50.16
10030180	1 1/2	1 5/8 X 1 1/2	10	100	\$36.73
10030184	1 1/2 X 1 1/4	1 5/8 X 1 1/4	10	100	\$54.59
10030182	1 1/2 X 2	1 5/8 X 2	5	50	\$93.24
10030190	2	2 1/8 X 2	5	50	\$49.88
10030192	2 X 1 1/2	2 1/8 X 1 1/2	5	50	\$81.19
10030200	2 1/2	2 5/8 X 2 1/2	2	20	\$181.67



C x F

Wrot
103

Female Adapter

Copper to Female N.P.T.



FTG. x F

Wrot
103-2

Female Street Adapter

Fitting to Female N.P.T.

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030100	1/8	1/4 X 1/8	50	1000	\$11.54
10030106	1/8 X 1/4	1/4 X 1/4	50	1000	\$12.02
10030110	1/4	3/8 X 1/4	50	1000	\$9.91
10030116	1/4 X 1/8	3/8 X 1/8	50	1000	\$11.01
10030114	1/4 X 3/8	3/8 X 3/8	50	1000	\$9.46
10030112	1/4 X 1/2	3/8 X 1/2	50	500	\$10.01
10030120	3/8	1/2 X 3/8	50	500	\$10.16
10030126	3/8 X 1/4	1/2 X 1/4	50	1000	\$8.77
10030124	3/8 X 1/2	1/2 X 1/2	50	500	\$10.43
10030122	3/8 X 3/4	1/2 X 3/4	25	250	\$13.38
10030130	1/2	5/8 X 1/2	50	500	\$5.11
10030138	1/2 X 1/4	5/8 X 1/4	50	500	\$7.95
10030136	1/2 X 3/8	5/8 X 3/8	50	500	\$7.95
10030134	1/2 X 3/4	5/8 X 3/4	25	250	\$11.06
10030144	5/8 X 1/2	3/4 X 1/2	25	250	\$15.39
10030142	5/8 X 3/4	3/4 X 3/4	25	250	\$12.09
10030150	3/4	7/8 X 3/4	25	250	\$7.01
10030156	3/4 X 1/2	7/8 X 1/2	25	250	\$11.06
10030154	3/4 X 1	7/8 X 1	20	200	\$23.72
10030160	1	1 1/8 X 1	20	200	\$16.20
10030168	1 X 1/2	1 1/8 X 1/2	10	100	\$29.67
10030166	1 X 3/4	1 1/8 X 3/4	25	250	\$23.72
10030164	1 X 1 1/4	1 1/8 X 1 1/4	10	100	\$42.20
10030170	1 1/4	1 3/8 X 1 1/4	10	100	\$23.48
10030174	1 1/4 X 1	1 3/8 X 1	10	100	\$49.64

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030224	1/4	3/8 X 1/4	50	1000	\$11.58
10030230	3/8	1/2 X 3/8	50	1000	\$13.31
10030236	1/2	5/8 X 1/2	50	500	\$10.18
10030240	1/2 X 1/4	5/8 X 1/4	50	500	\$16.36
10030238	1/2 X 3/8	5/8 X 3/8	50	500	\$13.74
10030242	3/4	7/8 X 3/4	25	250	\$13.15
10030248	1	1 1/8 X 1	20	200	\$23.49
10030254	1 1/4	1 3/8 X 1 1/4	10	100	\$37.59
10030260	1 1/2	1 5/8 X 1 1/2	10	100	\$49.35
10030266	2	2 1/8 X 2	5	50	\$65.59



C x M

Wrot
104

Male Adapter

Copper to Male N.P.T.


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030280	1/8	1/4 X 1/8	50	1000	\$19.36
10030284	1/8 X 1/4	1/4 X 1/4	50	1000	\$13.77
10030282	1/8 X 3/8	1/4 X 3/8	50	1000	\$17.78
10030290	1/4	3/8 X 1/4	50	1000	\$15.21
10030296	1/4 X 1/8	3/8 X 1/8	50	1000	\$13.10
10030294	1/4 X 3/8	3/8 X 3/8	50	1000	\$18.23
10030292	1/4 X 1/2	3/8 X 1/2	50	500	\$9.39
10030300	3/8	1/2 X 3/8	50	500	\$7.56





Wrot - Pressure Fittings





**Wrot
104**

Male Adapter

Copper to Male N.P.T.

C x M



**Wrot
104-2**

Male Street Adapter

Fitting to Male N.P.T.

FTG. x M

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030306	3/8 X 1/4	1/2 X 1/4	50	1000	\$17.82
10030304	3/8 X 1/2	1/2 X 1/2	50	500	\$10.82
10030302	3/8 X 3/4	1/2 X 3/4	25	250	\$11.57
10030310	1/2	5/8 X 1/2	50	500	\$3.21
10030320	1/2 X 1/4	5/8 X 1/4	50	500	\$9.89
10030318	1/2 X 3/8	5/8 X 3/8	50	500	\$8.21
10030316	1/2 X 3/4	5/8 X 3/4	25	250	\$9.39
10030314	1/2 X 1	5/8 X 1	20	200	\$21.07
10030326	5/8 X 1/2	3/4 X 1/2	25	500	\$18.16
10030324	5/8 X 3/4	3/4 X 3/4	25	250	\$12.09
10030330	3/4	7/8 X 3/4	25	250	\$5.40
10030338	3/4 X 1/2	7/8 X 1/2	25	250	\$9.39
10030336	3/4 X 1	7/8 X 1	20	200	\$20.65
10030342	1	1 1/8 X 1	20	200	\$13.95
10030350	1 X 1/2	1 1/8 X 1/2	25	250	\$25.77
10030348	1 X 3/4	1 1/8 X 3/4	25	250	\$20.65
10030346	1 X 1 1/4	1 1/8 X 1 1/4	10	100	\$30.04
10030344	1 X 1 1/2	1 1/8 X 1 1/2	10	100	\$56.59
10030354	1 1/4	1 3/8 X 1 1/4	10	100	\$20.45
10030362	1 1/4 X 3/4	1 3/8 X 3/4	10	100	\$35.21
10030360	1 1/4 X 1	1 3/8 X 1	10	100	\$30.54
10030358	1 1/4 X 1 1/2	1 3/8 X 1 1/2	10	100	\$47.75
10030368	1 1/2	1 5/8 X 1 1/2	10	100	\$23.48
10030374	1 1/2 X 1	1 5/8 X 1	10	100	\$56.47
10030372	1 1/2 X 1 1/4	1 5/8 X 1 1/4	10	100	\$47.55
10030370	1 1/2 X 2	1 5/8 X 2	5	50	\$89.14
10030378	2	2 1/8 X 2	5	50	\$39.76
10030382	2 X 1 1/4	2 1/8 X 1 1/4	5	50	\$91.90
10030380	2 X 1 1/2	2 1/8 X 1 1/2	5	50	\$91.90
10030388	2 1/2	2 5/8 X 2 1/2	4	40	\$152.28
10030400	3	3 1/8 X 3	1	20	\$189.38
10030410	4	4 1/8 X 4	1	16	\$256.61

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030430	3/8	1/2 X 3/8	50	1000	\$13.05
10030436	1/2	5/8 X 1/2	50	500	\$14.21
10030440	1/2 X 3/8	5/8 X 3/8	50	500	\$32.84
10030438	1/2 X 3/4	5/8 X 3/4	25	250	\$31.45
10030444	3/4	7/8 X 3/4	25	250	\$18.29
10030448	3/4 X 1/2	7/8 X 1/2	25	250	\$34.26
10030452	1	1 1/8 X 1	20	200	\$23.25
10030460	1 1/4	1 3/8 X 1 1/4	10	100	\$71.13
10030470	1 1/2	1 5/8 X 1 1/2	10	100	\$86.19
10030480	2	2 1/8 X 2	5	50	\$139.31



**Wrot
105-C**

90° Street Elbow-Close Ruff

Fitting to Fitting

FTG. x FTG.

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031452	1/4	3/8	25	500	\$14.06
10031460	1/2	5/8	25	500	\$8.23
10031464	5/8	3/4	10	200	\$17.33
10031468	3/4	7/8	25	250	\$18.52
10031472	1	1 1/8	10	100	\$21.43
10031476	1 1/4	1 3/8	5	5	\$27.80



**Wrot
105-L**


90° Street Elbow-Long Turn

Fitting to Fitting

FTG. x FTG.

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031896	3/8	1/2	25	500	\$20.64
10031902	1/2	5/8	25	250	\$13.86
10031914	3/4	7/8	25	250	\$20.04
10031926	1	1 1/8	10	100	\$25.72
10031932	1 1/4	1 3/8	5	50	\$44.58
10031938	1 1/2	1 5/8	5	50	\$64.20
10031944	2	2 1/8	5	50	\$104.16



**Wrot
104-2**

Male Street Adapter

Fitting to Male N.P.T.

FTG. x M


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030424	1/4	3/8 X 1/4	50	1000	\$16.77






Wrot - Pressure Fittings

**Wrot
106**

45° Elbow

C x C
Copper to Copper



**Wrot
107-C**

90° Elbow-Close Ruff


C x C
Copper to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031082	1/8	1/4	50	1000	\$11.00
10031086	1/4	3/8	50	1000	\$8.21
10031090	3/8	1/2	50	1000	\$7.02
10031096	1/2	5/8	100	1000	\$2.83
10031102	5/8	3/4	25	250	\$13.38
10031106	3/4	7/8	50	500	\$4.94
10031120	1	1 1/8	25	250	\$12.40
10031128	1 1/4	1 3/8	25	200	\$16.61
10031134	1 1/2	1 5/8	20	160	\$20.01
10031140	2	2 1/8	10	80	\$33.41
10031148	2 1/2	2 5/8	5	40	\$71.19
10031156	3	3 1/8	3	24	\$99.32
10031162	3 1/2	3 5/8	1	16	\$170.65
10031168	4	4 1/8	1	8	\$211.63
10031170	5	5 1/8	1	6	\$767.42
10031172	6	6 1/8	1	1	\$1,209.67
10031174	8	8 1/8	1	1	\$4,518.78

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031260	1/8	1/4	50	1000	\$4.37
10031262	1/4	3/8	50	1000	\$4.60
10031266	3/8	1/2	50	1000	\$4.37
10031272	1/2	5/8	100	1000	\$1.54
10031280	5/8	3/4	25	250	\$9.34
10031288	3/4	7/8	50	500	\$3.45
10031296	1	1 1/8	20	200	\$8.47
10031306	1 1/4	1 3/8	25	200	\$12.67
10031314	1 1/2	1 5/8	20	120	\$19.76
10031322	2	2 1/8	10	60	\$36.01
10031330	2 1/2	2 5/8	5	40	\$72.06
10031338	3	3 1/8	3	24	\$90.53
10031346	3 1/2	3 5/8	1	8	\$316.42
10031352	4	4 1/8	1	8	\$231.73
10031360	5	5 1/8	1	1	\$908.59
10031368	6	6 1/8	1	1	\$1,211.47
10031371	8	8 1/8	1	1	\$4,929.02
10031268	3/8 X 1/4	1/2 X 3/8	50	1000	\$7.58
10031276	1/2 X 1/4	5/8 X 3/8	50	500	\$12.86
10031274	1/2 X 3/8	5/8 X 1/2	50	500	\$12.86
10031282	5/8 X 1/2	3/4 X 5/8	25	250	\$11.64
10031290	3/4 X 1/2	7/8 X 5/8	50	500	\$8.93
10031300	1 X 1/2	1 1/8 X 5/8	25	250	\$18.29
10031298	1 X 3/4	1 1/8 X 7/8	25	250	\$16.37
10031308	1 1/4 X 1	1 3/8 X 1 1/8	10	100	\$41.30
10031316	1 1/2 X 1 1/4	1 5/8 X 1 3/8	10	100	\$54.29
10031324	2 X 1 1/2	2 1/8 X 1 5/8	5	40	\$73.11
10031332	2 1/2 X 2	2 5/8 X 2 1/8	5	40	\$239.62
10031340	3 X 2 1/2	3 1/8 X 2 5/8	3	24	\$396.88
10031354	4 X 3	4 1/8 X 3 1/8	1	8	\$634.45
10031362	5 X 4	5 1/8 X 4 1/8	1	6	\$2,956.18
10031370	6 X 4	6 1/8 X 4 1/8	1	6	\$1,782.82



**Wrot
106-2**

45° Street Elbow

FTG. x C
Fitting to Copper



**Wrot
107-C-2**

90° Street Elbow-Close Ruff

FTG x C
Fitting to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031186	1/4	3/8	50	1000	\$12.23
10031190	3/8	1/2	50	1000	\$9.59
10031194	1/2	5/8	100	500	\$3.37
10031198	5/8	3/4	25	250	\$21.28
10031202	3/4	7/8	50	500	\$4.98
10031206	1	1 1/8	25	250	\$16.37
10031212	1 1/4	1 3/8	25	200	\$20.45
10031216	1 1/2	1 5/8	20	160	\$25.01
10031220	2	2 1/8	10	80	\$39.76
10031224	2 1/2	2 5/8	5	40	\$94.50
10031228	3	3 1/8	3	24	\$120.37
10031232	3 1/2	3 5/8	1	16	\$617.45
10031236	4	4 1/8	1	8	\$590.63


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031390	1/8	1/4	50	1000	\$8.19
10031392	1/4	3/8	50	1000	\$8.07






Wrot - Pressure Fittings

Wrot
107-C-2
90° Street Elbow-Close Ruff
Fitting to Copper

FTG x C



Wrot
107-MT-2
90° Street Elbow-Medium Turn
Fitting to Copper


FTG. x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031396	3/8	1/2	50	1000	\$5.57
10031400	1/2	5/8	100	1000	\$2.35
10031404	5/8	3/4	25	250	\$9.65
10031408	3/4	7/8	50	500	\$4.98
10031412	1	1 1/8	20	200	\$12.88
10031416	1 1/4	1 3/8	25	200	\$19.32
10031420	1 1/2	1 5/8	20	120	\$25.31
10031424	2	2 1/8	10	60	\$55.13
10031428	2 1/2	2 5/8	5	40	\$94.11
10031432	3	3 1/8	3	24	\$131.90
10031436	3 1/2	3 5/8	1	8	\$510.19
10031440	4	4 1/8	1	8	\$303.04


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031590	1	1 1/8	10	100	\$12.88



Wrot
107-MT
90° Elbow-Medium Turn
Copper to Copper

C x C



Wrot
107-L
90° Elbow-Long Turn
Copper to Copper


C x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031662	-	3/16 OD	50	1000	\$9.81
10031666	-	5/16 OD	50	1000	\$7.67
10031664	1/8	1/4	50	1000	\$8.21
10031668	1/4	3/8	50	1000	\$6.18
10031672	3/8	1/2	50	500	\$7.79
10031676	1/2	5/8	50	500	\$7.00
10031684	5/8	3/4	25	250	\$7.08
10031692	3/4	7/8	25	250	\$9.05
10031702	7/8	1	10	100	\$25.72
10031708	1	1 1/8	10	100	\$14.56
10031720	1 1/4	1 3/8	10	80	\$23.62
10031730	1 1/2	1 5/8	10	80	\$31.71
10031740	2	2 1/8	5	30	\$83.43
10031750	2 1/2	2 5/8	1	10	\$132.08
10031756	3	3 1/8	1	8	\$174.87
10031762	3 1/2	3 5/8	1	1	\$629.61
10031770	4	4 1/8	1	1	\$468.46
10031674	3/8 X 1/4	1/2 X 3/8	50	1000	\$11.98
10031678	1/2 X 3/8	5/8 X 1/2	50	500	\$19.28
10031686	5/8 X 1/2	3/4 X 5/8	25	250	\$22.50
10031698	3/4 X 3/8	7/8 X 1/2	50	500	\$19.61
10031696	3/4 X 1/2	7/8 X 5/8	50	500	\$21.31
10031694	3/4 X 5/8	7/8 X 3/4	25	250	\$21.75
10031710	1 X 3/4	1 1/8 X 7/8	25	250	\$32.45
10031734	1 1/2 X 1	1 5/8 X 1 1/8	5	50	\$57.45
10031732	1 1/2 X 1 1/4	1 5/8 X 1 3/8	5	50	\$57.46
10031742	2 X 1 1/2	2 1/8 X 1 5/8	5	40	\$91.30

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031510	1/8	1/4	50	1000	\$4.37
10031512	1/4	3/8	50	1000	\$4.60
10031516	3/8	1/2	50	1000	\$4.37
10031522	1/2	5/8	50	500	\$5.15
10031530	5/8	3/4	25	250	\$9.34
10031536	3/4	7/8	25	250	\$9.29
10031542	1	1 1/8	10	100	\$12.43



Wrot
107-MT-2
90° Street Elbow-Medium Turn
Fitting to Copper

FTG. x C


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031560	1/8	1/4	50	1000	\$8.19
10031562	1/4	3/8	50	1000	\$8.07
10031566	3/8	1/2	50	1000	\$5.57
10031572	1/2	5/8	50	500	\$6.57
10031578	5/8	3/4	25	250	\$9.65
10031584	3/4	7/8	25	250	\$10.59





Wrot - Pressure Fittings





Wrot
107-L-2

90° Street Elbow-Long Turn

Fitting to Copper

FTG x C



Wrot
111

Tee

Copper to Copper to Copper


C x C x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031790	1/8	1/4	50	1000	\$9.27
10031792	1/4	3/8	50	1000	\$7.32
10031796	3/8	1/2	50	500	\$14.31
10031802	1/2	5/8	50	500	\$10.52
10031810	5/8	3/4	25	250	\$12.44
10031816	3/4	7/8	25	250	\$12.57
10031830	1	1 1/8	10	100	\$21.41
10031838	1 1/4	1 3/8	10	80	\$31.29
10031844	1 1/2	1 5/8	10	80	\$44.64
10031850	2	2 1/8	5	30	\$72.78
10031856	2 1/2	2 5/8	1	10	\$140.32
10031862	3	3 1/8	1	8	\$211.62
10031868	3 1/2	3 5/8	1	8	\$740.95
10031874	4	4 1/8	1	1	\$670.21

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032626	-	5/16ODX5/16ODX1/4OD	50	1000	\$16.10
10032658	-	3/8ODX1/4ODX5/16OD	50	1000	\$28.41
10032650	-	3/8ODX3/8ODX3/16OD	50	1000	\$16.84
10032606	1/8	1/4	50	1000	\$8.71
10032610	1/8 X 1/8 X 1/4	1/4 X 1/4 X 3/8	50	1000	\$23.08
10032640	1/4	3/8	50	1000	\$9.20
10032664	1/4 X 1/8 X 1/8	3/8 X 1/4 X 1/4	50	1000	\$20.31
10032656	1/4 X 1/8 X 1/4	3/8 X 1/4 X 3/8	50	1000	\$19.50
10032648	1/4 X 1/4 X 1/8	3/8 X 3/8 X 1/4	50	1000	\$14.80
10032644	1/4 X 1/4 X 3/8	3/8 X 3/8 X 1/2	50	500	\$21.68
10032642	1/4 X 1/4 X 1/2	3/8 X 3/8 X 5/8	50	500	\$17.26
10032668	3/8	1/2	50	500	\$7.38
10032694	3/8 X 1/8 X 3/8	1/2 X 1/4 X 1/2	50	500	\$27.21
10032688	3/8 X 1/4 X 1/8	1/2 X 3/8 X 1/4	50	500	\$27.52
10032686	3/8 X 1/4 X 1/4	1/2 X 3/8 X 3/8	50	500	\$20.68
10032684	3/8 X 1/4 X 3/8	1/2 X 3/8 X 1/2	50	500	\$22.17
10032678	3/8 X 3/8 X 1/8	1/2 X 1/2 X 1/4	50	500	\$14.62
10032674	3/8 X 3/8 X 1/4	1/2 X 1/2 X 3/8	50	500	\$14.62
10032672	3/8 X 3/8 X 1/2	1/2 X 1/2 X 5/8	50	500	\$14.13
10032700	1/2	5/8	50	500	\$2.62
10032728	1/2 X 1/4 X 1/4	5/8 X 3/8 X 3/8	50	500	\$17.59
10032724	1/2 X 1/4 X 1/2	5/8 X 3/8 X 5/8	50	500	\$17.59
10032718	1/2 X 3/8 X 3/8	5/8 X 1/2 X 1/2	50	500	\$18.91
10032716	1/2 X 3/8 X 1/2	5/8 X 1/2 X 5/8	50	500	\$18.60
10032712	1/2 X 1/2 X 1/8	5/8 X 5/8 X 1/4	50	500	\$15.98
10032710	1/2 X 1/2 X 1/4	5/8 X 5/8 X 3/8	50	500	\$13.52
10032708	1/2 X 1/2 X 3/8	5/8 X 5/8 X 1/2	50	500	\$13.52
10032706	1/2 X 1/2 X 5/8	5/8 X 5/8 X 3/4	50	500	\$45.17
10032704	1/2 X 1/2 X 3/4	5/8 X 5/8 X 7/8	25	250	\$12.16
10032702	1/2 X 1/2 X 1	5/8 X 5/8 X 1 1/8	10	100	\$25.98
10032732	5/8	3/4	25	250	\$16.90
10032748	5/8 X 1/2 X 1/2	3/4 X 5/8 X 5/8	25	250	\$27.48
10032742	5/8 X 5/8 X 1/4	3/4 X 3/4 X 3/8	25	250	\$27.25
10032740	5/8 X 5/8 X 3/8	3/4 X 3/4 X 1/2	25	250	\$27.25
10032738	5/8 X 5/8 X 1/2	3/4 X 3/4 X 5/8	25	250	\$27.25
10032736	5/8 X 5/8 X 3/4	3/4 X 3/4 X 7/8	25	250	\$26.04
10032768	3/4	7/8	25	250	\$6.33
10032806	3/4 X 3/8 X 3/8	7/8 X 1/2 X 1/2	25	250	\$14.03
10032802	3/4 X 3/8 X 3/4	7/8 X 1/2 X 7/8	25	250	\$14.48
10032798	3/4 X 1/2 X 1/4	7/8 X 5/8 X 3/8	25	250	\$12.59
10032796	3/4 X 1/2 X 3/8	7/8 X 5/8 X 1/2	25	250	\$12.59
10032794	3/4 X 1/2 X 1/2	7/8 X 5/8 X 5/8	25	250	\$7.47



Wrot
110


Eccentric Coupling

Copper to Copper

C x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031042	3/4 X 1/2	7/8 X 5/8	25	250	\$27.43
10031044	1 X 3/4	1 1/8 X 7/8	10	100	\$36.96
10031048	1 1/4 X 3/4	1 3/8 X 7/8	10	100	\$55.66
10031046	1 1/4 X 1	1 3/8 X 1 1/8	10	100	\$55.66



Wrot
111

Tee

Copper to Copper to Copper

C x C x C

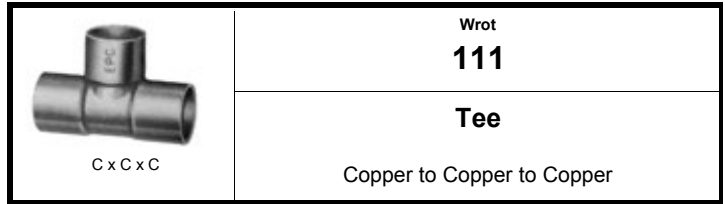
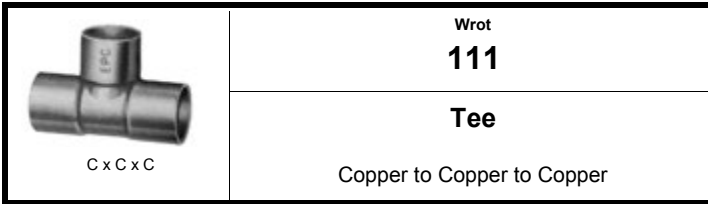
Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032602	-	3/16 OD	50	1000	\$12.88
10032614	-	1/4ODX1/4ODX1/8OD	50	1000	\$20.25
10032608	-	1/4ODX1/4ODX 5/16OD	50	1000	\$27.06
10033492	-	1/4ODX1/4 FIT X 1/4OD	50	1000	\$23.18
10032622	-	5/16 OD	50	1000	\$10.37
10032630	-	5/16ODX1/4ODX1/4OD	50	1000	\$19.61
10032628	-	5/16ODX1/4ODX5/16OD	50	1000	\$18.38





Wrot - Pressure Fittings



Standard Pack

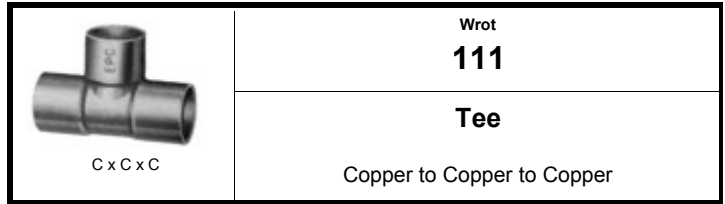
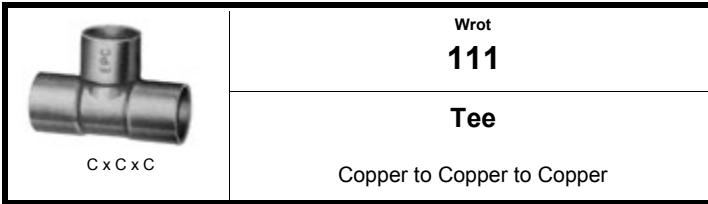
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032790	3/4 X 1/2 X 3/4	7/8 X 5/8 X 7/8	25	250	\$7.47
10032786	3/4 X 5/8 X 5/8	7/8 X 3/4 X 3/4	25	250	\$13.51
10032778	3/4 X 3/4 X 1/4	7/8 X 7/8 X 3/8	25	250	\$8.71
10032776	3/4 X 3/4 X 3/8	7/8 X 7/8 X 1/2	25	250	\$8.49
10032774	3/4 X 3/4 X 1/2	7/8 X 7/8 X 5/8	25	250	\$6.09
10032772	3/4 X 3/4 X 5/8	7/8 X 7/8 X 3/4	25	250	\$7.13
10032770	3/4 X 3/4 X 1	7/8 X 7/8 X 1 1/8	10	100	\$21.28
10032818	1	1 1/8	10	100	\$19.57
10032860	1 X 1/2 X 1/2	1 1/8 X 5/8 X 5/8	10	100	\$23.35
10032858	1 X 1/2 X 3/4	1 1/8 X 5/8 X 7/8	10	100	\$24.59
10032856	1 X 1/2 X 1	1 1/8 X 5/8 X 1 1/8	10	100	\$23.35
10032844	1 X 3/4 X 3/8	1 1/8 X 7/8 X 1/2	10	100	\$56.83
10032842	1 X 3/4 X 1/2	1 1/8 X 7/8 X 5/8	10	100	\$23.35
10032838	1 X 3/4 X 3/4	1 1/8 X 7/8 X 7/8	10	100	\$23.35
10032836	1 X 3/4 X 1	1 1/8 X 7/8 X 1 1/8	10	100	\$23.35
10032830	1 X 1 X 3/8	1 1/8 X 1 1/8 X 1/2	10	100	\$24.05
10032828	1 X 1 X 1/2	1 1/8 X 1 1/8 X 5/8	10	100	\$19.64
10032826	1 X 1 X 5/8	1 1/8 X 1 1/8 X 3/4	10	100	\$28.95
10032824	1 X 1 X 3/4	1 1/8 X 1 1/8 X 7/8	10	100	\$19.64
10032822	1 X 1 X 1 1/4	1 1/8 X 1 1/8 X 1 3/8	5	50	\$43.67
10032820	1 X 1 X 1 1/2	1 1/8 X 1 1/8 X 1 5/8	5	50	\$61.78
10032866	1 1/4	1 3/8	5	50	\$26.48
10032904	1 1/4 X 1/2 X 1 1/4	1 3/8 X 5/8 X 1 3/8	5	50	\$37.59
10032900	1 1/4 X 3/4 X 1/2	1 3/8 X 7/8 X 5/8	5	50	\$41.06
10032898	1 1/4 X 3/4 X 3/4	1 3/8 X 7/8 X 7/8	5	50	\$36.73
10032896	1 1/4 X 3/4 X 1	1 3/8 X 7/8 X 1 1/8	5	50	\$39.55
10032894	1 1/4 X 3/4 X 1 1/4	1 3/8 X 7/8 X 1 3/8	5	50	\$36.73
10032888	1 1/4 X 1 X 1/2	1 3/8 X 1 1/8 X 5/8	5	50	\$37.59
10032886	1 1/4 X 1 X 3/4	1 3/8 X 1 1/8 X 7/8	5	50	\$36.73
10032884	1 1/4 X 1 X 1	1 3/8 X 1 1/8 X 1 1/8	5	50	\$36.73
10032882	1 1/4 X 1 X 1 1/4	1 3/8 X 1 1/8 X 1 3/8	5	50	\$37.59
10032876	1 1/4 X 1 1/4 X 1/2	1 3/8 X 1 3/8 X 5/8	5	50	\$28.61
10032874	1 1/4 X 1 1/4 X 3/4	1 3/8 X 1 3/8 X 7/8	5	50	\$28.61
10032872	1 1/4 X 1 1/4 X 1	1 3/8 X 1 3/8 X 1 1/8	5	50	\$28.61
10032870	1 1/4 X 1 1/4 X 1 1/2	1 3/8 X 1 3/8 X 1 5/8	5	50	\$61.99
10032868	1 1/4 X 1 1/4 X 2	1 3/8 X 1 3/8 X 2 1/8	5	40	\$127.43
10032910	1 1/2	1 5/8	5	50	\$40.82
10032960	1 1/2 X 1/2 X 1 1/2	1 5/8 X 5/8 X 1 5/8	5	50	\$62.31
10032956	1 1/2 X 3/4 X 1/2	1 5/8 X 7/8 X 5/8	5	50	\$68.15
10032954	1 1/2 X 3/4 X 3/4	1 5/8 X 7/8 X 7/8	5	50	\$64.71
10032952	1 1/2 X 3/4 X 1	1 5/8 X 7/8 X 1 1/8	5	50	\$64.71
10032950	1 1/2 X 3/4 X 1 1/4	1 5/8 X 7/8 X 1 3/8	5	50	\$66.85

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032948	1 1/2 X 3/4 X 1 1/2	1 5/8 X 7/8 X 1 5/8	5	50	\$60.94
10032944	1 1/2 X 1 X 1/2	1 5/8 X 1 1/8 X 5/8	5	50	\$64.71
10032942	1 1/2 X 1 X 3/4	1 5/8 X 1 1/8 X 7/8	5	50	\$62.18
10032940	1 1/2 X 1 X 1	1 5/8 X 1 1/8 X 1 1/8	5	50	\$60.94
10032938	1 1/2 X 1 X 1 1/4	1 5/8 X 1 1/8 X 1 3/8	5	50	\$64.71
10032936	1 1/2 X 1 X 1 1/2	1 5/8 X 1 1/8 X 1 5/8	5	50	\$62.18
10032932	1 1/2 X 1 1/4 X 1/2	1 5/8 X 1 3/8 X 5/8	5	50	\$64.71
10032930	1 1/2 X 1 1/4 X 3/4	1 5/8 X 1 3/8 X 7/8	5	50	\$62.18
10032928	1 1/2 X 1 1/4 X 1	1 5/8 X 1 3/8 X 1 1/8	5	50	\$60.94
10032926	1 1/2 X 1 1/4 X 1 1/4	1 5/8 X 1 3/8 X 1 3/8	5	50	\$62.18
10032924	1 1/2 X 1 1/4 X 1 1/2	1 5/8 X 1 3/8 X 1 5/8	5	50	\$64.71
10032920	1 1/2 X 1 1/2 X 1/2	1 5/8 X 1 5/8 X 5/8	5	50	\$30.38
10032918	1 1/2 X 1 1/2 X 3/4	1 5/8 X 1 5/8 X 7/8	5	50	\$30.38
10032916	1 1/2 X 1 1/2 X 1	1 5/8 X 1 5/8 X 1 1/8	5	50	\$30.38
10032914	1 1/2 X 1 1/2 X 1 1/4	1 5/8 X 1 5/8 X 1 3/8	5	50	\$30.38
10032912	1 1/2 X 1 1/2 X 2	1 5/8 X 1 5/8 X 2 1/8	5	40	\$118.61
10032970	2	2 1/8	5	40	\$63.65
10033024	2 X 1/2 X 2	2 1/8 X 5/8 X 2 1/8	5	40	\$82.76
10033020	2 X 3/4 X 2	2 1/8 X 7/8 X 2 1/8	5	40	\$82.76
10033016	2 X 1 X 1	2 1/8 X 1 1/8 X 1 1/8	5	40	\$82.76
10033012	2 X 1 X 2	2 1/8 X 1 1/8 X 2 1/8	5	40	\$82.76
10033008	2 X 1 1/4 X 1/2	2 1/8 X 1 3/8 X 5/8	5	40	\$88.94
10033006	2 X 1 1/4 X 3/4	2 1/8 X 1 3/8 X 7/8	5	40	\$88.94
10033004	2 X 1 1/4 X 1	2 1/8 X 1 3/8 X 1 1/8	5	40	\$88.94
10033002	2 X 1 1/4 X 1 1/4	2 1/8 X 1 3/8 X 1 3/8	5	40	\$89.76
10033000	2 X 1 1/4 X 1 1/2	2 1/8 X 1 3/8 X 1 5/8	5	40	\$88.94
10032998	2 X 1 1/4 X 2	2 1/8 X 1 3/8 X 2 1/8	5	40	\$86.06
10032994	2 X 1 1/2 X 1/2	2 1/8 X 1 5/8 X 5/8	5	40	\$85.49
10032992	2 X 1 1/2 X 3/4	2 1/8 X 1 5/8 X 7/8	5	40	\$82.76
10032990	2 X 1 1/2 X 1	2 1/8 X 1 5/8 X 1 1/8	5	40	\$82.76
10032988	2 X 1 1/2 X 1 1/4	2 1/8 X 1 5/8 X 1 3/8	5	40	\$89.76
10032986	2 X 1 1/2 X 1 1/2	2 1/8 X 1 5/8 X 1 5/8	5	40	\$81.02
10032984	2 X 1 1/2 X 2	2 1/8 X 1 5/8 X 2 1/8	5	40	\$82.76
10032982	2 X 2 X 1/2	2 1/8 X 2 1/8 X 5/8	5	40	\$48.08
10032980	2 X 2 X 3/4	2 1/8 X 2 1/8 X 7/8	5	40	\$48.08
10032978	2 X 2 X 1	2 1/8 X 2 1/8 X 1 1/8	5	40	\$49.56
10032976	2 X 2 X 1 1/4	2 1/8 X 2 1/8 X 1 3/8	5	40	\$55.02
10032974	2 X 2 X 1 1/2	2 1/8 X 2 1/8 X 1 5/8	5	40	\$49.56
10032972	2 X 2 X 2 1/2	2 1/8 X 2 1/8 X 2 5/8	1	1	\$236.83
10033030	2 1/2	2 5/8	1	10	\$128.43
10033108	2 1/2 X 3/4 X 2 1/2	2 5/8 X 7/8 X 2 5/8	1	10	\$205.74
10033092	2 1/2 X 1 X 2 1/2	2 5/8 X 1 1/8 X 2 5/8	1	10	\$213.53



Wrot - Pressure Fittings



Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10033078	2 1/2 X 1 1/4 X 2	2 5/8 X 1 3/8 X 2 1/8	1	10	\$213.52
10033076	2 1/2 X 1 1/4 X 2 1/2	2 5/8 X 1 3/8 X 2 5/8	1	10	\$213.53
10033068	2 1/2 X 1 1/2 X 1 1/4	2 5/8 X 1 5/8 X 1 3/8	1	10	\$204.02
10033066	2 1/2 X 1 1/2 X 1 1/2	2 5/8 X 1 5/8 X 1 5/8	1	10	\$233.49
10033064	2 1/2 X 1 1/2 X 2	2 5/8 X 1 5/8 X 2 1/8	1	10	\$233.49
10033062	2 1/2 X 1 1/2 X 2 1/2	2 5/8 X 1 5/8 X 2 5/8	1	10	\$201.86
10033058	2 1/2 X 2 X 1/2	2 5/8 X 2 1/8 X 5/8	1	10	\$201.86
10033056	2 1/2 X 2 X 3/4	2 5/8 X 2 1/8 X 7/8	1	10	\$201.86
10033054	2 1/2 X 2 X 1	2 5/8 X 2 1/8 X 1 1/8	1	10	\$201.86
10033052	2 1/2 X 2 X 1 1/4	2 5/8 X 2 1/8 X 1 3/8	1	10	\$201.86
10033050	2 1/2 X 2 X 1 1/2	2 5/8 X 2 1/8 X 1 5/8	1	10	\$194.13
10033048	2 1/2 X 2 X 2	2 5/8 X 2 1/8 X 2 1/8	1	10	\$187.46
10033046	2 1/2 X 2 X 2 1/2	2 5/8 X 2 1/8 X 2 5/8	1	10	\$193.73
10033044	2 1/2 X 2 1/2 X 1/2	2 5/8 X 2 5/8 X 5/8	1	10	\$149.72
10033042	2 1/2 X 2 1/2 X 3/4	2 5/8 X 2 5/8 X 7/8	1	10	\$146.53
10033040	2 1/2 X 2 1/2 X 1	2 5/8 X 2 5/8 X 1 1/8	1	10	\$149.72
10033038	2 1/2 X 2 1/2 X 1 1/4	2 5/8 X 2 5/8 X 1 3/8	1	10	\$149.72
10033036	2 1/2 X 2 1/2 X 1 1/2	2 5/8 X 2 5/8 X 1 5/8	1	10	\$149.72
10033034	2 1/2 X 2 1/2 X 2	2 5/8 X 2 5/8 X 2 1/8	1	10	\$149.72
10033032	2 1/2 X 2 1/2 X 3	2 5/8 X 2 5/8 X 3 1/8	1	10	\$369.32
10033124	3	3 1/8	1	10	\$184.26
10033232	3 X 3/4 X 3	3 1/8 X 7/8 X 3 1/8	1	10	\$275.61
10033214	3 X 1 X 3	3 1/8 X 1 1/8 X 3 1/8	1	10	\$283.08
10033196	3 X 1 1/4 X 3	3 1/8 X 1 3/8 X 3 1/8	1	10	\$283.08
10033186	3 X 1 1/2 X 1 1/2	3 1/8 X 1 5/8 X 1 5/8	1	10	\$285.96
10033184	3 X 1 1/2 X 2	3 1/8 X 1 5/8 X 2 1/8	1	10	\$285.96
10033182	3 X 1 1/2 X 2 1/2	3 1/8 X 1 5/8 X 2 5/8	1	10	\$285.96
10033180	3 X 1 1/2 X 3	3 1/8 X 1 5/8 X 3 1/8	1	10	\$259.10
10033172	3 X 2 X 1	3 1/8 X 2 1/8 X 1 1/8	1	10	\$373.81
10033170	3 X 2 X 1 1/4	3 1/8 X 2 1/8 X 1 3/8	1	10	\$373.81
10033168	3 X 2 X 1 1/2	3 1/8 X 2 1/8 X 1 5/8	1	10	\$373.81
10033166	3 X 2 X 2	3 1/8 X 2 1/8 X 2 1/8	1	10	\$253.03
10033164	3 X 2 X 2 1/2	3 1/8 X 2 1/8 X 2 5/8	1	10	\$282.33
10033162	3 X 2 X 3	3 1/8 X 2 1/8 X 3 1/8	1	10	\$268.23
10033156	3 X 2 1/2 X 3/4	3 1/8 X 2 5/8 X 7/8	1	10	\$275.25
10033154	3 X 2 1/2 X 1	3 1/8 X 2 5/8 X 1 1/8	1	10	\$373.81
10033152	3 X 2 1/2 X 1 1/4	3 1/8 X 2 5/8 X 1 3/8	1	10	\$261.86
10033150	3 X 2 1/2 X 1 1/2	3 1/8 X 2 5/8 X 1 5/8	1	10	\$317.76
10033148	3 X 2 1/2 X 2	3 1/8 X 2 5/8 X 2 1/8	1	10	\$259.10
10033146	3 X 2 1/2 X 2 1/2	3 1/8 X 2 5/8 X 2 5/8	1	10	\$259.10
10033144	3 X 2 1/2 X 3	3 1/8 X 2 5/8 X 3 1/8	1	10	\$268.23
10033140	3 X 3 X 1/2	3 1/8 X 3 1/8 X 5/8	1	10	\$154.99

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10033138	3 X 3 X 3/4	3 1/8 X 3 1/8 X 7/8	1	10	\$154.99
10033136	3 X 3 X 1	3 1/8 X 3 1/8 X 1 1/8	1	10	\$154.99
10033134	3 X 3 X 1 1/4	3 1/8 X 3 1/8 X 1 3/8	1	10	\$154.99
10033132	3 X 3 X 1 1/2	3 1/8 X 3 1/8 X 1 5/8	1	10	\$154.99
10033130	3 X 3 X 2	3 1/8 X 3 1/8 X 2 1/8	1	10	\$154.99
10033128	3 X 3 X 2 1/2	3 1/8 X 3 1/8 X 2 5/8	1	10	\$169.56
10033126	3 X 3 X 4	3 1/8 X 3 1/8 X 4 1/8	1	8	\$592.64
10033250	3 1/2	3 5/8	1	8	\$533.57
10033258	4	4 1/8	1	8	\$445.94
10033380	4 X 1 X 4	4 1/8 X 1 1/8 X 4 1/8	1	8	\$594.76
10033340	4 X 1 1/2 X 4	4 1/8 X 1 5/8 X 4 1/8	1	8	\$594.76
10033326	4 X 2 X 2	4 1/8 X 2 1/8 X 2 1/8	1	8	\$612.00
10033320	4 X 2 X 4	4 1/8 X 2 1/8 X 4 1/8	1	8	\$594.76
10033304	4 X 2 1/2 X 2 1/2	4 1/8 X 2 5/8 X 2 5/8	1	8	\$446.40
10033300	4 X 2 1/2 X 4	4 1/8 X 2 5/8 X 4 1/8	1	8	\$594.76
10033286	4 X 3 X 2	4 1/8 X 3 1/8 X 2 1/8	1	8	\$594.76
10033284	4 X 3 X 2 1/2	4 1/8 X 3 1/8 X 2 5/8	1	8	\$626.08
10033282	4 X 3 X 3	4 1/8 X 3 1/8 X 3 1/8	1	8	\$573.75
10033280	4 X 3 X 4	4 1/8 X 3 1/8 X 4 1/8	1	8	\$594.76
10033276	4 X 4 X 1/2	4 1/8 X 4 1/8 X 5/8	1	16	\$314.55
10033274	4 X 4 X 3/4	4 1/8 X 4 1/8 X 7/8	1	16	\$322.59
10033272	4 X 4 X 1	4 1/8 X 4 1/8 X 1 1/8	1	8	\$284.59
10033270	4 X 4 X 1 1/4	4 1/8 X 4 1/8 X 1 3/8	1	8	\$298.01
10033268	4 X 4 X 1 1/2	4 1/8 X 4 1/8 X 1 5/8	1	8	\$284.59
10033266	4 X 4 X 2	4 1/8 X 4 1/8 X 2 1/8	1	8	\$301.00
10033264	4 X 4 X 2 1/2	4 1/8 X 4 1/8 X 2 5/8	1	8	\$343.00
10033262	4 X 4 X 3	4 1/8 X 4 1/8 X 3 1/8	1	8	\$316.81
10033400	5	5 1/8	1	1	\$1,366.57
10033399	5 X 4 X 4	5 1/8 X 4 1/8 X 4 1/8	1	1	\$1,425.51
10033398	5 X 4 X 5	5 1/8 X 4 1/8 X 5 1/8	1	1	\$1,425.51
10033418	5 X 5 X 3/4	5 1/8 X 5 1/8 X 7/8	1	6	\$1,433.78
10033416	5 X 5 X 1	5 1/8 X 5 1/8 X 1 1/8	1	6	\$1,500.56
10033414	5 X 5 X 1 1/4	5 1/8 X 5 1/8 X 1 3/8	1	6	\$1,500.56
10033412	5 X 5 X 1 1/2	5 1/8 X 5 1/8 X 1 5/8	1	6	\$1,500.56
10033410	5 X 5 X 2	5 1/8 X 5 1/8 X 2 1/8	1	6	\$1,298.27
10033408	5 X 5 X 2 1/2	5 1/8 X 5 1/8 X 2 5/8	1	6	\$1,500.56
10033406	5 X 5 X 3	5 1/8 X 5 1/8 X 3 1/8	1	6	\$1,298.27
10033404	5 X 5 X 4	5 1/8 X 5 1/8 X 4 1/8	1	6	\$1,366.57
10033420	6	6 1/8	1	1	\$1,867.59
10033446	6 X 4 X 4	6 1/8 X 4 1/8 X 4 1/8	1	1	\$1,971.39
10033444	6 X 4 X 6	6 1/8 X 4 1/8 X 6 1/8	1	1	\$2,165.32
10033441	6 X 6 X 1/2	6 1/8 X 6 1/8 X 5/8	1	6	\$1,948.81





Wrot - Pressure Fittings



C x C x C

Wrot
111

Tee

Copper to Copper to Copper



Wrot
117

Tube Cap

For Tube End

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10033440	6 X 6 X 3/4	6 1/8 X 6 1/8 X 7/8	1	6	\$1,948.81
10033438	6 X 6 X 1	6 1/8 X 6 1/8 X 1 1/8	1	6	\$1,948.81
10033436	6 X 6 X 1 1/4	6 1/8 X 6 1/8 X 1 3/8	1	6	\$1,948.81
10033434	6 X 6 X 1 1/2	6 1/8 X 6 1/8 X 1 5/8	1	6	\$1,948.81
10033432	6 X 6 X 2	6 1/8 X 6 1/8 X 2 1/8	1	1	\$1,774.24
10033430	6 X 6 X 2 1/2	6 1/8 X 6 1/8 X 2 5/8	1	1	\$1,774.24
10033428	6 X 6 X 3	6 1/8 X 6 1/8 X 3 1/8	1	1	\$1,867.59
10033426	6 X 6 X 4	6 1/8 X 6 1/8 X 4 1/8	1	1	\$1,867.59
10033424	6 X 6 X 5	6 1/8 X 6 1/8 X 5 1/8	1	1	\$2,051.37
10033454	8	8 1/8	1	1	\$7,924.37
10033468	8 X 6 X 6	8 1/8 X 6 1/8 X 6 1/8	1	1	\$7,967.36
10033466	8 X 8 X 2	8 1/8 X 8 1/8 X 2 1/8	1	1	\$8,338.38
10033464	8 X 8 X 2 1/2	8 1/8 X 8 1/8 X 2 5/8	1	1	\$7,921.45
10033462	8 X 8 X 3	8 1/8 X 8 1/8 X 3 1/8	1	1	\$7,921.45
10033460	8 X 8 X 4	8 1/8 X 8 1/8 X 4 1/8	1	1	\$7,924.37
10033458	8 X 8 X 5	8 1/8 X 8 1/8 X 5 1/8	1	1	\$7,921.45
10033456	8 X 8 X 6	8 1/8 X 8 1/8 X 6 1/8	1	1	\$7,921.45

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030620	1/8	1/4	50	1000	\$2.15
10030622	1/4	3/8	50	1000	\$1.34
10030624	3/8	1/2	50	1000	\$2.13
10030626	1/2	5/8	100	1000	\$1.12
10030628	5/8	3/4	25	500	\$2.67
10030630	3/4	7/8	50	500	\$2.08
10030632	1	1 1/8	50	500	\$4.94
10030634	1 1/4	1 3/8	25	250	\$6.54
10030636	1 1/2	1 5/8	20	200	\$9.58
10030638	2	2 1/8	10	100	\$17.66
10030640	2 1/2	2 5/8	5	50	\$56.41
10030642	3	3 1/8	5	50	\$72.67
10030644	3 1/2	3 5/8	1	10	\$216.08
10030646	4	4 1/8	1	10	\$137.07



C x FTG. x C

Wrot
111-2

Street Tee

Copper to Fitting to Copper



FTG. x C

Wrot
118

Fitting Reducer

Fitting to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10033506	1/2	5/8	50	500	\$10.14
10033508	3/4	7/8	25	250	\$15.83

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032040	-	1/4ODX1/8OD	50	1000	\$2.94
10032042	1/4 X 1/8	3/8 X 1/4	50	1000	\$3.12
10032046	3/8 X 1/8	1/2 X 1/4	50	1000	\$3.96
10032044	3/8 X 1/4	1/2 X 3/8	50	1000	\$3.22
10032050	1/2 X 1/4	5/8 X 3/8	50	1000	\$3.04
10032048	1/2 X 3/8	5/8 X 1/2	50	1000	\$2.75
10032058	5/8 X 1/4	3/4 X 3/8	25	500	\$7.01
10032056	5/8 X 3/8	3/4 X 1/2	25	500	\$6.67
10032054	5/8 X 1/2	3/4 X 5/8	25	500	\$6.60
10032068	3/4 X 1/4	7/8 X 3/8	50	500	\$5.62
10032066	3/4 X 3/8	7/8 X 1/2	50	500	\$5.44
10032064	3/4 X 1/2	7/8 X 5/8	50	500	\$4.15
10032062	3/4 X 5/8	7/8 X 3/4	50	500	\$4.20
10032078	1 X 3/8	1 1/8 X 1/2	25	250	\$7.87
10032076	1 X 1/2	1 1/8 X 5/8	25	250	\$8.33
10032074	1 X 5/8	1 1/8 X 3/4	25	250	\$7.75
10032072	1 X 3/4	1 1/8 X 7/8	25	250	\$6.39
10032086	1 1/4 X 1/2	1 3/8 X 5/8	10	100	\$11.66
10032084	1 1/4 X 3/4	1 3/8 X 7/8	10	100	\$11.66
10032082	1 1/4 X 1	1 3/8 X 1 1/8	10	100	\$11.66



Wrot
116

Fitting End Plug

For Fitting


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032020	3/8	1/2	50	1000	\$14.07
10032022	1/2	5/8	100	500	\$18.98
10032026	3/4	7/8	50	500	\$13.93
10032028	1	1 1/8	25	250	\$24.68





Wrot - Pressure Fittings





**Wrot
118**

Fitting Reducer

Fitting to Copper

FTG x C



**WROT
118-2**

Fitting Reducer

Fitting to Fitting


FTG x F

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032096	1 1/2 X 1/2	1 5/8 X 5/8	10	100	\$15.19
10032094	1 1/2 X 3/4	1 5/8 X 7/8	10	100	\$15.19
10032092	1 1/2 X 1	1 5/8 X 1 1/8	10	100	\$15.19
10032090	1 1/2 X 1 1/4	1 5/8 X 1 3/8	10	100	\$15.19
10032110	2 X 1/2	2 1/8 X 5/8	10	100	\$32.00
10032108	2 X 3/4	2 1/8 X 7/8	10	100	\$30.14
10032106	2 X 1	2 1/8 X 1 1/8	10	100	\$30.14
10032104	2 X 1 1/4	2 1/8 X 1 3/8	10	100	\$28.61
10032102	2 X 1 1/2	2 1/8 X 1 5/8	10	100	\$28.61
10032120	2 1/2 X 1	2 5/8 X 1 1/8	5	50	\$66.25
10032118	2 1/2 X 1 1/4	2 5/8 X 1 3/8	5	50	\$59.20
10032116	2 1/2 X 1 1/2	2 5/8 X 1 5/8	5	50	\$58.14
10032114	2 1/2 X 2	2 5/8 X 2 1/8	5	50	\$56.94
10032132	3 X 1 1/4	3 1/8 X 1 3/8	2	20	\$73.43
10032130	3 X 1 1/2	3 1/8 X 1 5/8	2	20	\$75.10
10032128	3 X 2	3 1/8 X 2 1/8	2	20	\$67.21
10032126	3 X 2 1/2	3 1/8 X 2 5/8	2	20	\$68.73
10032140	3 1/2 X 2	3 5/8 X 2 1/8	1	10	\$97.81
10032138	3 1/2 X 2 1/2	3 5/8 X 2 5/8	1	10	\$97.81
10032136	3 1/2 X 3	3 5/8 X 3 1/8	1	10	\$97.81
10032150	4 X 2	4 1/8 X 2 1/8	1	32	\$158.24
10032148	4 X 2 1/2	4 1/8 X 2 5/8	2	32	\$150.31
10032146	4 X 3	4 1/8 X 3 1/8	1	32	\$144.55
10032144	4 X 3 1/2	4 1/8 X 3 5/8	1	32	\$142.80
10032160	5 X 2	5 1/8 X 2 1/8	1	6	\$784.32
10032158	5 X 2 1/2	5 1/8 X 2 5/8	1	6	\$775.88
10032156	5 X 3	5 1/8 X 3 1/8	1	6	\$785.41
10032154	5 X 4	5 1/8 X 4 1/8	1	6	\$785.41
10032172	6 X 2	6 1/8 X 2 1/8	1	6	\$1,446.27
10032170	6 X 2 1/2	6 1/8 X 2 5/8	1	6	\$1,373.96
10032168	6 X 3	6 1/8 X 3 1/8	1	6	\$1,250.01
10032166	6 X 4	6 1/8 X 4 1/8	1	6	\$1,250.01
10032164	6 X 5	6 1/8 X 5 1/8	1	6	\$1,250.01
10032182	8 X 3	8 1/8 X 3 1/8	1	1	\$2,848.36
10032180	8 X 4	8 1/8 X 4 1/8	1	1	\$2,848.36
10032178	8 X 5	8 1/8 X 5 1/8	1	1	\$2,848.36
10032176	8 X 6	8 1/8 X 6 1/8	1	1	\$2,848.36

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10168000	3/4 x 1/2	7/8 X 5/8	10	20	\$16.58
10168003	1 X 1/2	1-1/8 X 5/8	5	15	\$19.68
10168006	1 X 3/4	1-1/8 X 3/4	5	15	\$22.85
10168009	1-1/4 X 1/2	1-3/8 X 5/8	3	15	\$29.87
10168012	1-1/4 X 3/4	1-3/8 X 7/8	3	15	\$27.63
10168015	1-1/4 X 1	1-3/8 X 1-1/8	3	15	\$27.53
10168018	1-1/2 X 1/2	1-5/8 X 5/8	3	12	\$55.98
10168021	1-1/2 X 3/4	1-5/8 X 7/8	3	12	\$37.19
10168024	1-1/2 X 1	1-5/8 X 1-1/8	3	12	\$35.16
10168027	1-1/2 X 1-1/4	1-5/8 X 1-3/8	3	12	\$38.94
10168030	2 X 1/2	2-1/8 X 5/8	2	8	\$68.68
10168033	2 X 3/4	2-1/8 X 7/8	2	8	\$66.60
10168036	2 X 1	2-1/8 X 1-1/8	2	8	\$61.35
10168039	2 X 1-1/4	2-1/8 X 1-3/8	2	8	\$64.14



**Wrot
119**

Flush Bushing

Fitting to Copper

FTG x C


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030530	1/4 X 1/8	3/8 X 1/4	50	1000	\$2.55
10030532	3/8 X 1/4	1/2 X 3/8	50	1000	\$2.52
10030538	1/2 X 1/4	5/8 X 3/8	50	1000	\$3.64
10030536	1/2 X 3/8	5/8 X 1/2	50	1000	\$3.20
10030544	5/8 X 3/8	3/4 X 1/2	25	500	\$4.74
10030542	5/8 X 1/2	3/4 X 5/8	25	500	\$3.89
10030550	3/4 X 1/2	7/8 X 5/8	50	500	\$5.94
10030548	3/4 X 5/8	7/8 X 3/4	50	500	\$6.21
10030560	1 X 1/2	1 1/8 X 5/8	25	250	\$10.25
10030556	1 X 3/4	1 1/8 X 7/8	25	250	\$9.10
10030564	1 1/4 X 1	1 3/8 X 1 1/8	25	250	\$11.18
10030570	1 1/2 X 1 1/4	1 5/8 X 1 3/8	20	200	\$14.71
10030580	2 X 1 1/2	2 1/8 X 1 5/8	5	50	\$42.20





Wrot - Pressure Fittings

FTG. x F


**Wrot
119-3**

Flush Bushing

Fitting to Female N.P.T.

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030602	1/2 X 1/8	5/8 X 1/8	50	1000	\$8.87
10030600	1/2 X 1/4	5/8 X 1/4	50	1000	\$9.32



**Wrot
120**

Copper Tube Strap

Double Hole

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032410	1/8	1/4	100	2000	\$0.79
10032412	1/4	3/8	100	2000	\$0.79
10032414	3/8	1/2	100	2000	\$0.81
10032416	1/2	5/8	100	1000	\$0.88
10032418	5/8	3/4	100	1000	\$0.86
10032420	3/4	7/8	100	1000	\$1.48
10032422	1	1 1/8	100	1000	\$1.56
10032424	1 1/4	1 3/8	50	500	\$1.86
10032426	1 1/2	1 5/8	50	500	\$2.22
10032428	2	2 1/8	100	800	\$2.47




**Wrot
120-S**

Copper Tube Strap

Single Hole Heavy Weight

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032440	1/8	1/4	100	2000	\$2.27
10032442	1/4	3/8	100	2000	\$2.27
10032444	3/8	1/2	100	2000	\$2.46
10032446	1/2	5/8	100	2000	\$3.39




**Wrot
121**

Stub Out Air Chamber

For Fitting End

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
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**Wrot
121**

Stub Out Air Chamber

For Fitting End

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032530	1/2 X 6	5/8 X 6	100	800	\$6.87
10032532	1/2 X 8	5/8 X 8	100	600	\$8.59
10032536	1/2 X 12	5/8 X 12		200	\$13.27
10032552	3/4 X 12			100	\$27.89




**Wrot
122**

Air Chamber

For Fitting End

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10030500	1/2 X 1 X 6	5/8 X 6	50	300	\$13.41
10030506	1/2 X 1 X 12	5/8 X 12		72	\$20.14



C x C

**Wrot
123**

Suction-Line P-Trap

Copper to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032000	1/2	5/8	5	50	\$46.35
10032002	5/8	3/4	10	60	\$69.09
10032004	3/4	7/8	10	60	\$51.57
10032006	1	1 1/8		10	\$78.37
10032008	1 1/4	1 3/8		5	\$141.05
10032010	1 1/2	1 5/8		5	\$214.15
10032012	2	2 1/8		3	\$438.40



**Wrot
124**

Hi-Ear Hanger C


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031980	1/2	5/8	100	1000	\$7.48
10031982	3/4	7/8	50	500	\$11.04
10031984	1	1 1/8	25	250	\$13.86




Wrot - Pressure Fittings



	Wrot 125
	Perforated Copper Strap
	3/4" Wide


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032400	3/4 X 10 bm.		6	48	\$52.19
10032402	3/4 X 25 bm.		6	48	\$106.74

 C x C	Wrot 136
	Cross-Over Coupling
	Copper to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10031070	1/2	5/8	5	100	\$25.91
10031072	3/4	7/8	5	50	\$98.02

 C x C	WROT 138
	Return Bend
	Copper to Copper


Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10032300	1/8 X 1	1/4 X 1	50	1000	\$6.60
10032304	1/4 X 1 1/4	3/8 X 1 1/4	50	500	\$5.34
10032302	1/4 X 1 1/2	3/8 X 1 1/2	50	500	\$5.88
10032320	3/8 X 1 1/2	1/2 X 1 1/2	25	250	\$7.88
10032316	3/8 X 2	1/2 X 2	25	250	\$7.64
10032346	1/2 X 1 1/2	5/8 X 1 1/2	25	250	\$12.85
10032344	1/2 X 1 9/16	5/8 X 1 9/16	25	250	\$12.88
10032334	1/2 X 2 1/4	5/8 X 2 1/4	25	250	\$24.50
10032332	1/2 X 2 1/2	5/8 X 2 1/2	25	250	\$12.90
10032330	1/2 X 3	5/8 X 3	25	250	\$12.12
10032354	5/8 X 2 1/8	3/4 X 2 1/8	10	100	\$30.45
10032352	5/8 X 2 1/4	3/4 X 2 1/4	10	100	\$24.13
10032366	3/4 X 2 3/8	7/8 X 2 3/8	10	100	\$29.82
10032364	3/4 X 2 1/2	7/8 X 2 1/2	10	100	\$22.97
10032370	1 X 3	1 1/8 X 3	5	50	\$46.39
10032368	1 X 3 1/4	1 1/8 X 3 1/4	5	50	\$53.34
10032374	1 1/4 X 4	1 3/8 X 4	5	40	\$81.76
10032382	1 1/2 X 4 3/8	1 5/8 X 4 3/8	5	40	\$102.12
10032386	2 X 5 1/8	2 1/8 X 5 1/8	4	32	\$285.96
10032384	2 X 5 1/2	2 1/8 X 5 1/2	4	32	\$249.95






Wrot - DWV Fittings

Wrot
301

**DWV-Coupling
with Stop**
Copper to Copper

C x C W/Stop



Wrot
301-2

DWV-Extended Bushing
Fitting to Copper


FTG. x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046230	1 1/4		25	250	\$6.89
10046232	1 1/2		25	250	\$8.55
10046236	2		10	100	\$11.89
10046242	3		5	50	\$21.64
10046250	4		2	20	\$68.90

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046160	1 1/2 X 1 1/4		25	250	\$13.00
10046164	2 X 1 1/4		10	100	\$15.69
10046162	2 X 1 1/2		10	100	\$14.19
10046170	3 X 1 1/4		5	50	\$50.81
10046168	3 X 1 1/2		5	50	\$89.55
10046166	3 X 2		5	50	\$56.60



Wrot
301-R

**DWV-Coupling
With Stop**
Copper to Copper

C x C



Wrot
301-2-F

DWV-Flush Bushing
Fitting to Copper


FTG x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046234	1 1/2 X 1 1/4		25	250	\$13.43
10046240	2 X 1 1/4		10	100	\$13.02
10046238	2 X 1 1/2		10	100	\$16.04
10046248	3 X 1 1/4		5	50	\$50.47
10046246	3 X 1 1/2		5	50	\$50.30
10046244	3 X 2		5	50	\$47.99
10046252	4 X 3		5	40	\$91.27

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046180	1 1/2 X 1 1/4		25	250	\$15.76
10046182	2 X 1 1/2		10	100	\$26.98



Wrot
301-NS

**DWV-Coupling
Without Stop**
Copper to Copper

C x C Without Stop



Wrot
301-7

DWV-Trap Adapter CxSJ
Copper to Slip Joint


C x SJ

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046270	1 1/4		25	250	\$10.07
10046272	1 1/2		25	250	\$10.14
10046274	2		10	100	\$13.90
10046276	3		5	50	\$23.79
10046278	4		2	20	\$82.35

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046110	1 1/4		25	250	\$24.84
10046114	1 1/2 X 1 1/4		10	100	\$37.40



Wrot
301-2

DWV-Extended Bushing
Fitting to Copper

FTG. x C



Wrot
301-2-7

DWV-Fitting Trap Adapter
Fitting to Slip Joint


FTG. x SJ

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046124	1 1/2 X 1 1/4 OD		10	100	\$35.89
10046122	1 1/2		10	100	\$33.75



Wrot - DWV Fittings





Wrot
303

DWV-Female Adapter
Copper to Female N.P.T.

C x F

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046000	1 1/4		20	200	\$19.48
10046002	1 1/2		10	100	\$18.69
10046004	2		10	100	\$34.89




Wrot
303-7

DWV-Trap Adapter FxSJ
Female N.P.T. to Slip Joint

F x SJ

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046130	1 1/4		10	100	\$33.25
10046132	1 1/2		10	100	\$40.70




Wrot
304

DWV-Male Adapter
Copper to Male N.P.T.

C x M

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046030	1 1/4		10	100	\$21.22
10046040	2		10	100	\$29.28




Wrot
304-7

DWV-Trap Adapter MxSJ
Male N.P.T. to Slip Joint

M x SJ

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046140	1 1/4		10	100	\$34.00
10046142	1 1/2		10	100	\$36.20
10046144	1 1/2 X 1 1/4		10	100	\$40.06




Wrot
305

DWV-Soil Pipe Adapter
Copper to Soil Pipe

C x SP

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046050	1 1/4 X 2		10	80	\$73.21
10046054	1 1/2 X 2		10	80	\$61.16
10046052	1 1/2 X 3		10		\$160.35
10046056	2		10	80	\$30.23
10046060	2 X 3		10	10	\$125.48
10046062	3		5	40	\$95.13
10046064	3 X 4		2	12	\$183.65
10046066	4		2	12	\$154.96




Wrot
305-NH

DWV-No-Hub Soil Pipe Adapter
Copper to No-Hub

C x NH

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046082	1 1/4 X 2		5	50	\$35.68
10046084	1 1/2 X 2		5	50	\$35.11
10046086	2		5	50	\$32.97
10046088	3		5	40	\$66.67
10046090	4		2	20	\$143.99




Wrot
305-P

DWV-Soil Pipe Adapter Plain End
Copper to Spigot

C x Spigot

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046076	2		5	50	\$51.85



Wrot
306

45° DWV-Elbow
1/8 Bend Copper to Copper


C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046352	1 1/4		10	100	\$13.55
10046354	1 1/2		10	100	\$11.21





Wrot - DWV Fittings


**Wrot
306**

45° DWV-Elbow

1/8 Bend Copper to Copper

C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046356	2		5	50	\$25.78
10046358	3		2	20	\$51.40
10046360	4		1	16	\$226.21




**Wrot
306-2**

45° DWV-Street Elbow

1/8 Bend Fitting to Copper

FTG. x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046370	1 1/4		10	100	\$20.86
10046372	1 1/2		10	100	\$15.69
10046374	2		5	50	\$32.00
10046376	3		2	20	\$72.34
10046378	4		1	16	\$308.07




**Wrot
307**

90° DWV-Elbow

1/4 Bend Copper to Copper

C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046410	1 1/4		10	100	\$14.71
10046412	1 1/2		10	100	\$22.05
10046414	1 1/2 X 1 1/4		10	100	\$42.06
10046416	2		5	50	\$28.76
10046418	3		2	16	\$66.91
10046422	4		1	8	\$328.96




**Wrot
307-LT**

90° DWV-Long Radius Elbow

Copper to Copper

C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046430	1 1/2		5	50	\$37.74
10046432	2		5	40	\$53.48




**Wrot
307-2**

90° DWV-Street Elbow

1/4 Bend Fitting to Copper

FTG. x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046450	1 1/4		10	100	\$26.23
10046452	1 1/2		10	100	\$20.45
10046454	2		5	50	\$39.68
10046456	3		2	16	\$79.63
10046458	4		1	8	\$463.77




**Wrot
308**

22 1/2° DWV-Elbow

1/16 Bend Copper to Copper

C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046330	1 1/4		10	100	\$26.53
10046332	1 1/2		10	100	\$31.28
10046334	2		5	50	\$40.43
10046336	3		2	20	\$70.64




**Wrot
309**

11 1/4° DWV-Elbow

1/32 Bend Copper to Copper

C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046310	1 1/4		10	100	\$13.89
10046312	1 1/2		10	100	\$34.75
10046314	2		5	50	\$49.01
10046316	3		2	20	\$100.92



**Wrot
310**

45° DWV-Y


Copper to Copper to Copper

C x C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046630	1 1/4		5	50	\$54.35
10046632	1 1/2		10	80	\$59.21
10046634	1 1/2 X 1 1/2 X 1 1/4		5	50	\$69.80



Wrot - DWV Fittings





C x C x C

Wrot
310

45° DWV-Y

Copper to Copper to Copper



Wrot
316-T

DWV-Test Cap


To be used for test purposes only.
Not intended for sustained pressure

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046636	2		5	40	\$76.94
10046638	2 X 2 X 1 1/2		5	40	\$81.87
10046642	3		2	16	\$185.93
10046648	3 X 3 X 1 1/4		4	32	\$171.86
10046646	3 X 3 X 1 1/2		4	32	\$169.15
10046644	3 X 3 X 2		3	18	\$169.15

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046208	1 1/2	1 5/8	50	500	\$2.65
10046210	2	2 1/8	50	500	\$5.68
10046212	3	3 1/8	25	250	\$10.97




C x C x C

Wrot
311

90° DWV-Sanitary Tee

Copper to Copper to Copper



Wrot
351


DWV-Closet Flange

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046560	1 1/4		10	100	\$29.07
10046562	1 1/2		10	80	\$36.20
10046568	1 1/2 X 1 1/4 X 1 1/4		5	50	\$84.94
10046566	1 1/2 X 1 1/4 X 1 1/2		5	50	\$82.20
10046564	1 1/2 X 1 1/2 X 1 1/4		5	50	\$43.33
10046570	2		5	40	\$42.21
10046578	2 X 1 1/2 X 1 1/2		5	40	\$67.37
10046576	2 X 1 1/2 X 2		5	40	\$66.60
10046574	2 X 2 X 1 1/4		5	40	\$43.70
10046572	2 X 2 X 1 1/2		5	40	\$39.85
10046580	3		2	16	\$139.62
10046586	3 X 3 X 1 1/4		5	40	\$109.93
10046584	3 X 3 X 1 1/2		5	40	\$109.93
10046582	3 X 3 X 2		5	40	\$109.93

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046470	3		10	60	\$54.65
10046472	4		5	40	\$93.68



Wrot
316-T

DWV-Test Cap

To be used for test purposes only.
Not intended for sustained pressure



C x C

Wrot
360

60° DWV-Elbow

1/6 Bend Copper to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046200	1/2	5/8	100	2000	\$1.32
10046202	3/4	7/8	100	2000	\$1.49
10046204	1	1 1/8	100	1000	\$2.66
10046206	1 1/4	1 3/8	50	1000	\$2.63

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10046390	1 1/4		10	100	\$25.47
10046392	1 1/2		10	100	\$26.60
10046394	2		5	50	\$48.28





Wrot & Wrot DWV Fittings



Minimum Billing - \$50.00

CONDITIONS OF SALE

PRICES: All prices and conditions are subject to change without notice and all quotations, unless otherwise specified, are binding only for immediate acceptance. Published prices are based on material made to EPC's standard tolerances and dimensions. All orders are subject to acceptance by the home office. Order accepted will be on the basis of price in effect on the date of shipment.

FREIGHT: Freight will be allowed on single shipments of 600 pounds or more to any one destination in the United States, except Alaska and Hawaii. However, two or more orders may be combined in one shipment for freight allowance. On freight allowed shipments the consignor reserves the right to control the routing and use the route having the lowest published rate.

RETURN OF GOODS: No material is to be returned without our written permission. A minimum handling and inspection charge of 25% will be levied on all approved returned goods, plus transportation charges both ways. Returns will not be accepted for bagged product that has been opened.

WARRANTY

Elkhart Products Corporation warrants that all fittings will be free from defects in material and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

LIABILITY POLICY

PART A

EXCEPT AS EXPRESSLY STATED ON THIS DOCUMENT, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE OR OTHERWISE, ON ANY PRODUCT, OR ON ANY PARTS OR LABOR FURNISHED DURING THE SALE, DELIVERY OR SERVICING OF ANY PRODUCT.

PART B

Except as expressly stated on this document, Seller shall not be liable to the Buyer or to any other person, firm, or corporation for any incidental or consequential loss, damage, or injury arising out of any breach of warranty or any other act or default relating to Buyer's order or to product or services provided to Buyer, even if any such loss, damage, or injury is caused by Seller's negligence. The correction of defects as provided in the warranty statement above shall constitute Seller's full obligation with respect to all claims and Seller's liability shall in no event exceed the unit purchase price of the product in question.

Any lawsuit or other action based upon breach of this contract or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller by Buyer) must be commenced within one year from the date of the tender of delivery by Seller or, in the case of a cause of action based upon an alleged breach of warranty, within one year from the date within the warranty period on which the defect is or should have been discovered by Buyer.

LEAD FREE (SDWA) SAFE DRINKING WATER ACT SECTION 1417

Products are considered lead free and compliant to Safe Drinking Water Act (SDWA) Section 1417 providing they contain a weighted average of not more than 0.25% lead in a wetted surface material.

Elkhart Products Copper fittings are naturally 99.99% lead free and comply with the Safe Drinking Water Act (SDWA) Section 1417.

Elkhart Products Low Lead and Lead Free Cast and Brass Fittings comply with the Safe Drinking Water Act (SDWA) Section 1417. All Lead Free product will be marked to assist when product is removed from packaging. Lead Free compliant product is distinguished by the following product markings "LF", "LL", or "BI".

Elkhart Products LEADED Cast and Brass Fittings do not comply to the Safe Drinking Water Act (SDWA) Section 1417. Certain states have already adopted the SDWA and will not accept leaded product for the purposes of potable water. January 1, 2014 is the national date for adoption of the SDWA, where leaded product may no longer be used for the purpose of potable water.



Wrot/Steel FLANGES

Available in Sizes: 1/2" to 8"



The *Industry Solution*
to **LEAD FREE**
Brazing



Introducing the **Elkhart Products** 2 piece wrot/steel flange in our 741 and 771 series. This floating flange provides versatility and ease of installation to any piping system. The copper adapter component is lead free and suitable for solder and brazing applications. **Elkhart Products** offers the 741 Series in 125 pound classification in 1/2" thru 8" dimensions. Additionally EPC's 771 Series 150 pound classification is available in 1" thru 8" dimensions. The epoxy coated floating base offers a seal for dielectric applications.



www.elkhartproducts.com

**Elkhart Products
Corporation**

EPC

Wrot/Steel FLANGES

- 2 piece wrot/epoxy steel floating flange
- Naturally lead free copper
- Suitable for solder and brazing applications
- Available in 125 and 150 lb classes
- Suitable for dielectric applications



Our new wrot copper companion flanges comprise of a copper body and a steel base. Utilization includes typical wrot copper applications.

Mfg. standard: **ASME B16.22**
 Copper Body: **Lead Free UNS C12200**
 Steel Base: **ASTM A36 Steel plate**
 Steel Base Coating: **Dielectric insulating Black Epoxy Coating**



741 – 125 lb. Lead-Free 125 Lb Companion Flange

Item #	Nominal Size	Description
10035601	1/2	741 12
10035603	3/4	741 34
10035606	1	741 1
10035609	1 1/4	741 114
10035612	1 1/2	741 112
10035615	2	741 2
10035618	2 1/2	741 212
10035621	3	741 3
10035624	4	741 4
10035627	5	741 5
10035630	6	741 6
10035633	8	741 8

771 – 150 lb. Lead-Free 150 Lb Companion Flange

Item #	Nominal Size	Description
10035790	1	771 1
10035803	1 1/4	771 114
10035808	1 1/2	771 112
10035813	2	771 2
10035819	2 1/2	771 212
10035828	3	771 3
10035836	4	771 4
10035839	5	771 5
10035842	6	771 6
10035850	8	771 8

10059805 5K 8/14

Customer Service (574) 264.3181
www.elkhartproducts.com

Elkhart Products
 Corporation



1255 Oak Street, Elkhart IN 46514



FLANGE

Price List

Suggested Contractor Prices
Effective July 17, 2014



741
C

Wrot/Steel 125 Lb Companion Flange				
Item #	Nominal Size	Inner	Master	List
10035601	1/2	1	16	\$112.63
10035603	3/4	1	16	\$112.63
10035606	1	1	16	\$78.66
10035609	1 1/4	1	16	\$100.07
10035612	1 1/2	1	16	\$112.63
10035615	2	1	1	\$145.13
10035618	2 1/2	1	1	\$177.25
10035621	3	1	1	\$189.44
10035624	4	1	1	\$279.17
10035627	5	1	1	\$609.31
10035630	6	1	1	\$635.16
10035633	8	1	1	\$1,282.72



4741
C

Lead-Free 125 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included)				
Item #	Nominal Size	Inner	Master	List
10051244	1/2	-	50	\$133.69
10051246	3/4	-	30	\$133.69
10051248	1	-	30	\$87.80
10051250	1 1/4	-	30	\$95.33
10056626	1 1/2	-	20	\$158.98
10056628	2	-	10	\$229.24
10056630	2 1/2	-	5	\$294.89
10056632	3	-	6	\$305.24
10056634	4	-	3	\$425.89
10051252	5	-	4	\$794.45
10056638	6	-	2	\$833.21
10051254	8	-	1	\$2,610.15



771
C

Wrot/Steel 150 Lb Companion Flange				
Item #	Nominal Size	Inner	Master	List
10035790	1	1	16	\$78.66
10035803	1 1/4	1	16	\$100.07
10035808	1 1/2	1	16	\$112.63
10035813	2	1	1	\$145.13
10035819	2 1/2	1	1	\$177.25
10035828	3	1	1	\$189.44
10035836	4	1	1	\$279.17
10035839	5	1	1	\$609.31
10035842	6	1	1	\$635.16
10035850	8	1	1	\$1,282.72

Leaded 125 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included) (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035644	1/2	-	50	\$106.95
10035646	3/4	-	30	\$106.95
10035649	1	-	30	\$70.24
10035653	1 1/4	-	30	\$76.26
10035656	1 1/2	-	20	\$127.18
10035659	2	-	10	\$183.39
10035663	2 1/2	-	5	\$235.91
10035666	3	-	6	\$244.19
10035673	4	-	3	\$340.71
10035676	5	-	4	\$635.56
10035679	6	-	2	\$666.57
10035682	8	-	1	\$2,088.12

FLANGE

Price List



4771
C

Low Lead 150 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included)				
Item #	Nominal Size	Inner	Master	List
10056642	1	-	20	\$199.87
10056644	1¼	-	15	\$200.04
10056646	1½	-	10	\$225.96
10056648	2	-	5	\$290.59
10056650	2½	-	5	\$366.23
10056652	3	-	5	\$379.41
10056654	4	-	3	\$573.25
10056656	5	-	2	\$1,609.32
10056658	6	-	2	\$1,855.43
10056660	8	-	1	\$4,133.89
Leaded 150 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included) (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035794	1	-	20	\$114.51
10035799	1¼	-	15	\$101.58
10035806	1½	-	10	\$177.92
10035810	2	-	8	\$228.81
10035816	2½	-	5	\$288.37
10035822	3	-	5	\$298.75
10035834	4	-	3	\$451.38
10035837	5	-	2	\$1,267.18
10035840	6	-	2	\$1,460.97
10035844	8	-	1	\$3,254.39

Elkhart Products Corporation

1255 Oak Street, Elkhart IN 46514



Customer Service 800.395.7313

www.elkhartproducts.com

FLANGE Price List

Suggested Contractor Prices
Effective July 17, 2014

Minimum Billing - \$50.00

Conditions of Sale

PRICES: All prices and conditions are subject to change without notice and all quotations, unless otherwise specified, are binding only for immediate acceptance. Published prices are based on material made to EPC's standard tolerances and dimensions. All orders are subject to acceptance by the home office. Orders accepted will be on the basis of price in effect on the date of shipment.

FREIGHT: Freight will be allowed on single shipments of \$2,500 net or more to any one destination in the United States, except for Alaska and Hawaii. However, two or more orders may be combined in one shipment for freight allowance. On freight allowed shipments the consignor reserves the right to control the routing and use the route having the lowest published rate.

RETURN OF GOODS: No material is to be returned without our written permission. A minimum handling and inspection charge of 25% will be levied on all approved goods, plus transportation charges both ways. Returns will not be accepted for bagged product that has been opened.

Warranty

Elkhart Products Corporation warrants that all fittings will be free from defects in material and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

Liability Policy PART A

Except as expressly stated on this document, Seller shall not be liable to the Buyer or to any other person, firm or corporation for any incidental or consequential loss, damage or injury arising out of any breach of warranty or any other act or default relating to Buyer's order or to product or services provided to Buyer, even if any such loss, damage or injury is caused by Seller's negligence. The correction of defects as provided in the warranty statement above shall constitute Seller's full obligation with respect to all claims and Seller's liability shall in no event exceed the unit purchase price of the product in question.

Any lawsuit or other action based upon breach of this contract or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller by Buyer) must be commenced within one year from the date of the tender of delivery by Seller or, in the case of a cause of action based upon an alleged breach of warranty, within one year from the date within the warranty period on which the defect is or should have been discovered by the Buyer.

CAST BRASS

Price List

Suggested Contractor Prices
Effective March 1, 2014



**4701-R
C x C**

Lead-Free Coupling with Stop				
Item #	Nominal Size	Inner	Master	List
10051002	3 x 1	-	20	\$259.67
10051004	3 x 1¼	-	20	\$271.23
Leaded Coupling with Stop (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034712	3 x 1	-	20	\$207.73
10034710	3 x 1¼	-	20	\$216.98



**4700-5-1
C x C**

Lead-Free Hi-Ear Hanger Coupling				
Item #	Nominal Size	Inner	Master	List
10055088	½	75	300	\$9.89
10055086	¾	75	300	\$14.05
10056913	1	-	250	\$21.68
Leaded Hi-Ear Hanger Coupling (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10038242	½	75	300	\$8.73
10038243	¾	75	300	\$12.39
10038244	1	40	160	\$15.93



**4175
C x C**

Lead-Free Drain Coupling with Drain Cap				
Item #	Nominal Size	Inner	Master	List
10051006	½	75	300	\$18.03
10051008	¾	50	200	\$21.35
10051010	1	25	75	\$31.57
Leaded Drain Coupling with Drain Cap (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034766	½	75	300	\$15.49
10034767	¾	50	200	\$18.35
10034768	1	25	75	\$27.28



**4733
C x C**

Lead-Free Union				
Item #	Nominal Size	Inner	Master	List
10051012	⅜	25	150	\$59.97
10056662	½	50	200	\$21.23
10056664	¾	25	50	\$26.60
10056672	1	-	50	\$45.74
10056666	1¼	-	25	\$80.83
10056678	1½	-	20	\$106.43
10056674	2	-	15	\$145.57
10056668	2½	-	5	\$318.72
10056680	3	-	4	\$824.96

Leaded Union (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037933	⅜	25	150	\$32.28
10037934	½	50	200	\$17.20
10037936	⅝	25	75	\$66.00
10037937	¾	25	50	\$21.56
10037939	1	-	50	\$37.11
10037940	1¼	-	25	\$64.27
10037944	1½	-	20	\$84.63
10037946	2	-	15	\$137.13
10037947	2½	-	5	\$315.78
10037948	3	-	4	\$817.15



**4733-2
FTG x C**

Leaded Street Union (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037956	½	50	150	\$60.72

CAST BRASS Price List



4733-3
C x F

Lead-Free Female Union				
Item #	Nominal Size	Inner	Master	List
10056684	1/2	25	100	\$47.74
10056888	3/4	25	100	\$64.99
10056686	1	-	50	\$135.17
10056696	1 1/4	-	25	\$252.16
10056690	1 1/2	-	25	\$319.36
10056692	2	-	15	\$539.20
10051022	2 1/2	-	5	\$973.44
Leaded Female Union (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037965	1/4	50	150	\$43.70
10037966	3/8	25	125	\$51.62
10037967	1/2	25	100	\$41.00
10037969	3/4	25	100	\$55.84
10037970	1	-	50	\$116.16
10037973	1 1/4	-	25	\$216.55
10037975	1 1/2	-	25	\$274.26
10037977	2	-	15	\$463.46
10037979	2 1/2	1	5	\$771.47



4703
C x F

Lead-Free Female Adapter				
Item #	Nominal Size	Inner	Master	List
10056906	3	-	15	\$315.75
10056904	4	-	5	\$542.24
10051030	5	-	5	\$2,331.46
10051032	6	-	3	\$3,641.64
Leaded Female Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034252	3	-	15	\$256.06
10034258	4	-	5	\$475.15
10034259	5	-	1	\$2,015.43
10034263	6	-	3	\$2,913.32



4703-R
C x F

Lead-Free Female Reducing Adapter				
Item #	Nominal Size	Inner	Master	List
10051034	1/2 x 1	25	100	\$42.66
10056892	3/4 x 3/8	25	200	\$23.58
10051038	1 x 1 1/2	10	30	\$76.59
10056894	1 1/4 x 3/4	-	100	\$63.74
10056900	1 1/2 x 1	-	60	\$79.49
10051040	1 1/4 x 2	1	25	\$128.70
Leaded Female Reducing Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034212	1/2 x 1	25	100	\$35.40
10034222	3/4 x 3/8	25	200	\$20.26
10034218	3/4 x 1 1/4	10	60	\$53.45
10034224	1 x 1 1/2	10	30	\$61.27
10034233	1 1/4 x 3/4	-	100	\$53.45
10034229	1 1/4 x 2	-	25	\$102.96
10034238	1 1/2 x 1	-	60	\$64.48



4733-4
C x M

Lead-Free Male Union				
Item #	Nominal Size	Inner	Master	List
10056702	1/2	15	120	\$37.70
10056716	3/4	25	100	\$55.42
10056712	1	-	40	\$140.76
10056708	1 1/4	-	25	\$139.14
10056704	1 1/2	-	20	\$181.44
10056706	2	-	15	\$278.40
10051028	2 1/2	-	5	\$818.24
Leaded Male Union (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037985	1/4	50	150	\$33.29
10037986	3/8	25	125	\$44.32
10037987	1/2	15	120	\$32.36
10037992	3/4	25	100	\$48.55
10037996	1	-	40	\$119.56
10037998	1-1/4	-	25	\$148.21
10037999	1-1/2	-	20	\$155.73
10038000	2	-	15	\$239.15
10038002	2-1/2	-	5	\$700.83



4703-2
FTG x F

Lead-Free Female Street Adapter				
Item #	Nominal Size	Inner	Master	List
10051042	2 1/2	-	20	\$487.90
10051044	3	-	15	\$469.19
Leaded Female Street Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034297	2 1/2	-	20	\$390.32
10034298	3	-	15	\$405.60

CAST BRASS Price List



4703-2-R
FTG x F

Lead-Free Female Reducing Street Adapter				
Item #	Nominal Size	Inner	Master	List
10055078	3/4 x 1/2	25	200	\$36.58
Leaded Female Reducing Street Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034284	3/4 x 1/2	25	200	\$29.04
10034288	1 x 1/2	25	100	\$56.87
10034287	1 x 3/4	-	150	\$56.73



4703-5
C x F

Lead-Free Female Drop Ear Adapter				
Item #	Nominal Size	Inner	Master	List
10056916	1/2	50	200	\$33.41
Leaded Female Drop Ear Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034446	1/2	50	200	\$26.81



4703-5-1
C x F

Lead-Free Female Hi-Ear Adapter				
Item #	Nominal Size	Inner	Master	List
10056918	1/2	40	160	\$34.08
Leaded Female Hi-Ear Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034458	1/2	40	160	\$30.67



4703-5-W
C x F

Lead-Free Female Wing Adapter				
Item #	Nominal Size	Inner	Master	List
10056914	1/2	50	200	\$33.41
10056912	3/4	35	105	\$42.87
Leaded Female Wing Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034453	1/2	50	200	\$27.08
10034455	3/4	35	105	\$34.76



4704
C x M

Lead-Free Male Adapter				
Item #	Nominal Size	Inner	Master	List
10051050	5	-	5	\$1,906.46
10051052	6	-	4	\$2,120.76
Leaded Male Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034374	5	-	5	\$1,648.01
10034377	6	-	4	\$1,833.23



4704-R
C x M

Lead-Free Male Reducing Adapter				
Item #	Nominal Size	Inner	Master	List
10051055	3/4 x 3/8	-	75	\$27.99
10051054	3/4 x 1 1/4	-	75	\$46.78
10051058	1 1/4 x 2	-	40	\$122.67
10051060	2 x 2 1/2	-	15	\$355.16
10056924	2 1/2 x 2	-	25	\$350.37

Leaded Male Reducing Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034334	3/4 x 3/8	-	75	\$24.49
10034330	3/4 x 1 1/4	-	75	\$40.19
10034329	3/4 x 1 1/2	-	50	\$66.81
10034348	1 1/4 x 3/4	-	100	\$42.10
10034345	1 1/4 x 2	-	40	\$98.13
10034357	2 x 2 1/2	-	15	\$284.12
10034360	2 1/2 x 2	-	25	\$260.91



4704-2
FTG x M

Lead-Free Male Street Adapter				
Item #	Nominal Size	Inner	Master	List
10056944	2 1/2	-	25	\$415.05
10056942	3	-	15	\$709.01
Leaded Male Street Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034417	2 1/2	-	25	\$336.58
10034422	3	-	15	\$621.27



4704-F
C x M

Lead-Free Male Flush Adapter				
Item #	Nominal Size	Inner	Master	List
10056940	1/2	200	2000	\$27.68
10056938	3/4	50	500	\$40.70
Leaded Male Flush Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034380	1/2	200	1000	\$16.22
10034382	3/4	50	500	\$24.15



4130
C x M

Lead-Free Male Fine Thread Adapter				
Item #	Nominal Size	Inner	Master	List
10051062	1/2 x 3/4 -20	100	400	\$11.17
Leaded Male Fine Thread Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034765	1/2 x 3/4 -20	100	400	\$8.93

CAST BRASS Price List



4704-HT
C x Hose Thread

Lead-Free Hose Adapter				
Item #	Nominal Size	Inner	Master	List
10051064	1/2 x 3/4	100	400	\$14.69
Leaded Hose Adapter (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10034433	1/2 x 3/4	100	400	\$11.75



4707-R
C x C

Lead-Free 90° Reducing Elbow - Close Ruff				
Item #	Nominal Size	Inner	Master	List
10051066	1 1/4 x 1/2	20	80	\$61.36
10051068	1 1/4 x 3/4	15	90	\$67.20
10051070	1 1/2 x 1/2	10	60	\$107.45
10051072	1 1/2 x 3/4	-	70	\$88.58
10056875	1 1/2 x 1	-	60	\$78.27
10051074	2 x 3/4	-	30	\$140.62
10051076	2 x 1	-	30	\$118.43
10051078	2 x 1 1/4	-	25	\$124.71
10051080	3 x 2	-	15	\$566.04
Leaded 90° Reducing Elbow - Close Ruff (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035214	1 1/4 x 1/2	20	80	\$53.06
10035212	1 1/4 x 3/4	15	90	\$56.42
10035222	1 1/2 x 1/2	10	60	\$85.96
10035220	1 1/2 x 3/4	-	70	\$76.57
10035218	1 1/2 x 1	-	60	\$70.88
10035229	2 x 3/4	-	30	\$112.49
10035228	2 x 1	-	30	\$102.37
10035226	2 x 1 1/4	-	25	\$107.80
10035242	3 x 2	-	15	\$489.29



4707-5
C x C

Lead-Free 90° Drop Ear Elbow				
Item #	Nominal Size	Inner	Master	List
10056882	1/2	50	300	\$13.33
10056880	3/4	25	150	\$38.98
Leaded 90° Drop Ear Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035424	1/2	50	300	\$11.46
10035426	3/4	25	150	\$33.47



4707-5-1
C x C

Lead-Free 90° Hi-Ear Elbow				
Item #	Nominal Size	Inner	Master	List
10056874	1/2	50	200	\$18.03
10051082	3/4	25	150	\$91.65
Leaded 90° Hi-Ear Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035458	1/2	50	200	\$15.49
10035459	3/4	25	150	\$78.75



4707-3
C x F

Lead-Free 90° Female Adapter Elbow				
Item #	Nominal Size	Inner	Master	List
10051084	1/4	25	1250	\$21.51
10051086	3/8	50	400	\$19.64
10056816	1/2	50	200	\$13.27
10056794	3/4	30	120	\$24.38
10056798	1	-	75	\$57.54
10056802	1 1/4	-	60	\$97.47
10056804	1 1/2	-	40	\$99.84
10056820	2	-	15	\$168.96
Leaded 90° Female Adapter Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035298	1/4	50	500	\$17.98
10035302	3/8	50	400	\$17.62
10035306	1/2	50	200	\$9.12
10035312	3/4	30	120	\$15.58
10035317	1	-	75	\$49.42
10035322	1 1/4	-	60	\$83.76
10035328	1 1/2	-	40	\$85.80
10035337	2	-	15	\$152.82

CAST BRASS Price List



4707-3-R
C x F

Lead-Free 90° Reducing Female Adapter Elbow				
Item #	Nominal Size	Inner	Master	List
10051088	1/2 x 1/4	50	400	\$19.43
10056806	1/2 x 3/8	50	250	\$16.60
10056792	1/2 x 3/4	25	200	\$29.11
10056810	3/4 x 1/2	45	180	\$29.11
10051090	3/4 x 1	20	80	\$54.72
10056812	1 x 1/2	25	100	\$54.94
10051092	1 x 3/4	25	100	\$50.08
10051094	1 1/4 x 3/4	-	65	\$107.76

Leaded 90° Reducing Female Adapter Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035310	1/2 x 1/4	50	400	\$16.14
10035309	1/2 x 3/8	50	250	\$13.21
10035308	1/2 x 3/4	25	200	\$25.02
10035315	3/4 x 1/2	45	180	\$25.02
10035314	3/4 x 1	20	80	\$47.01
10035320	1 x 1/2	25	100	\$43.70
10035319	1 x 3/4	25	100	\$41.55
10035326	1 1/4 x 3/4	-	65	\$86.20



4707-5-3
C x F

Lead-Free 90° Female Hi-Ear Elbow				
Item #	Nominal Size	Inner	Master	List
10056876	1/2	40	160	\$21.45
10056878	3/4	25	100	\$47.59

Leaded 90° Female Hi-Ear Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035464	1/2	40	160	\$18.43
10035466	3/4	25	100	\$41.75



4708
C x F

Lead-Free 90° Female Flanged Sink Elbow				
Item #	Nominal Size	Inner	Master	List
10056948	1/2	25	150	\$24.37

Leaded 90° Female Flanged Sink Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035493	1/2	25	150	\$20.93



4707-4
C x M

Lead-Free 90° Male Elbow				
Item #	Nominal Size	Inner	Master	List
10051100	3/8	50	500	\$22.76
10056842	1/2	30	240	\$11.24
10056826	3/4	30	120	\$23.09
10056838	1	-	75	\$43.26
10056832	1 1/4	-	50	\$78.98
10056844	1 1/2	-	40	\$106.53
10056840	2	-	20	\$165.12

Leaded 90° Male Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035360	3/8	50	500	\$19.66
10035365	1/2	30	240	\$11.03
10035370	3/4	30	120	\$19.84
10035376	1	10	75	\$34.99
10035380	1 1/4	-	50	\$67.85
10035386	1 1/2	-	40	\$91.55
10035390	2	-	20	\$149.50



4707-3-5
C x F

Lead-Free 90° Female Drop Elbow				
Item #	Nominal Size	Inner	Master	List
10051096	3/8	25	250	\$19.84
10056856	1/2	25	200	\$14.29
10056858	3/4	20	80	\$25.14
10056862	1	-	50	\$80.42

Leaded 90° Female Drop Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035438	3/8	25	250	\$17.17
10035440	1/2	25	200	\$12.29
10035445	3/4	20	80	\$21.61
10035447	1	-	50	\$69.09



4707-3-5-R
C x F

Lead-Free 90° Reducing Female Drop Elbow				
Item #	Nominal Size	Inner	Master	List
10051098	3/8 x 1/2	25	150	\$30.63
10056864	1/2 x 3/8	50	200	\$23.23
10056860	3/4 x 1/2	25	100	\$45.89

Leaded 90° Reducing Female Drop Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035439	3/8 x 1/2	25	150	\$26.80
10035444	1/2 x 3/8	50	200	\$19.96
10035446	3/4 x 1/2	25	100	\$39.41

CAST BRASS Price List



4707-4-R
C x M

Lead-Free 90° Reducing Male Elbow				
Item #	Nominal Size	Inner	Master	List
10051102	1/2 x 3/8	50	300	\$22.10
10051104	1/2 x 3/4	25	150	\$24.52
10051106	3/4 x 1/2	25	200	\$6.93
10051108	3/4 x 1	25	100	\$57.28
10051110	1 x 3/4	25	100	\$60.64
Leaded 90° Reducing Male Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035368	1/2 x 3/8	50	300	\$17.68
10035367	1/2 x 3/4	25	150	\$24.93
10035373	3/4 x 1/2	25	200	\$23.08
10035372	3/4 x 1	25	100	\$49.53
10035378	1 x 3/4	25	100	\$48.52



4707-4-6
C x M

Lead-Free 90° Male Union Elbow				
Item #	Nominal Size	Inner	Master	List
10051112	1/2	25	100	\$59.87
10051114	3/4	10	50	\$77.06
10051116	1	-	25	\$192.00
Leaded 90° Male Union Elbow (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035533	1/2	25	100	\$53.67
10035534	3/4	10	50	\$69.09
10035535	1	-	25	\$171.93



4236
C x C

Lead-Free 90° Drain Elbow with Drain Cap				
Item #	Nominal Size	Inner	Master	List
10051118	1/2	50	250	\$19.78
10051120	3/4	25	200	\$24.19
10051122	1	-	50	\$48.74
Leaded 90° Drain Elbow with Drain Cap (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035578	1/2	50	250	\$16.99
10035580	3/4	25	200	\$20.79
10035583	1	-	50	\$43.99



4711-R
C x C x C

Lead-Free Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10051124	1/4 x 1/2 x 1/2	10	60	\$76.24
10051126	1/4 x 1/2 x 1	10	60	\$66.75
10051128	1/2 x 1/2 x 1/4	-	40	\$111.80
10051130	2 x 3/4 x 3/4	-	25	\$255.97
10051132	2 x 1 x 1/2	-	25	\$215.81
10051134	2 x 2 x 3	-	10	\$525.61
10051136	2 1/2 x 1/2 x 2 1/2	-	15	\$346.97
Leaded Reducing Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10036783	1/4 x 1/2 x 1/2	10	60	\$61.00
10036780	1/4 x 1/2 x 1	10	60	\$55.17
10036814	1/2 x 1/2 x 1/4	-	40	\$89.44
10036862	2 x 3/4 x 3/4	-	25	\$204.78
10036852	2 x 1 x 1/2	-	25	\$172.65
10036825	2 x 2 x 3	-	10	\$420.49
10036916	2 1/2 x 1/2 x 2 1/2	-	15	\$277.57



4710-3
F x F x C

Lead-Free F x F x C Tee				
Item #	Nominal Size	Inner	Master	List
10051138	1/2	25	150	\$39.12
10051140	3/4	10	100	\$49.44
Leaded F x F x C Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037672	1/2	25	150	\$33.81
10037674	3/4	10	100	\$44.34



4710-3-R
F x F x C

Lead-Free F x F x C Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10051142	3/4 x 1/2 x 1/2	25	100	\$40.35
10051144	3/4 x 1/2 x 3/4	20	80	\$46.62
10051146	3/4 x 3/4 x 1/2	20	120	\$41.89
Leaded F x F x C Reducing Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037677	3/4 x 1/2 x 1/2	10	200	\$34.65
10037676	3/4 x 1/2 x 3/4	25	100	\$40.06
10037675	3/4 x 3/4 x 1/2	20	120	\$37.56

CAST BRASS Price List



4710-3-4
F x M x C

Lead-Free F x M x C Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10051148	$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$	25	100	\$53.33
Leaded F x M x C Reducing Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037696	$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$	25	100	\$46.14



4712
C x C x F

Lead-Free C x C x F Tee				
Item #	Nominal Size	Inner	Master	List
10051150	$\frac{3}{8}$	50	250	\$29.80
10056960	$\frac{1}{2}$	50	150	\$20.55
10056962	$\frac{3}{4}$	10	100	\$33.28
10056952	1	10	60	\$78.46
10051152	$1\frac{1}{4}$	-	45	\$103.41
10051154	$1\frac{1}{2}$	-	35	\$140.00
10051156	2	-	20	\$208.08
Leaded C x C x F Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037405	$\frac{3}{8}$	50	250	\$25.76
10037409	$\frac{1}{2}$	50	150	\$17.65
10037418	$\frac{3}{4}$	10	100	\$28.57
10037427	1	10	60	\$67.42
10037436	$1\frac{1}{4}$	-	45	\$89.38
10037446	$1\frac{1}{2}$	-	35	\$121.02
10037456	2	-	20	\$179.86



4712-R
C x C x F

Lead-Free C x C x F Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10051158	$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$	40	400	\$20.15
10051160	$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{4}$	30	240	\$20.78
10051162	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{8}$	50	200	\$20.78
10051164	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$	25	150	\$38.53
10015169	$\frac{3}{4} \times \frac{1}{2} \times \frac{3}{4}$	25	100	\$47.49
10051166	$\frac{3}{4} \times \frac{1}{2} \times \frac{3}{8}$	20	160	\$38.53
10056964	$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$	25	100	\$34.85
10051170	$\frac{3}{4} \times \frac{3}{4} \times 1$	-	50	\$70.74
10056954	$1 \times 1 \times \frac{1}{2}$	15	60	\$50.98
10051172	$1 \times 1 \times \frac{3}{4}$	-	75	\$50.46
10056958	$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{2}$	-	75	\$80.42
10051174	$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{4}$	-	50	\$84.32
10051176	$1\frac{1}{4} \times 1\frac{1}{4} \times 1$	-	50	\$84.32
10051178	$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	-	50	\$122.24
10051180	$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$	-	45	\$122.98
10056956	$1\frac{1}{2} \times 1\frac{1}{2} \times 1$	-	35	\$122.98
10051183	$2 \times 2 \times \frac{1}{2}$	-	25	\$198.61
10051184	$2 \times 2 \times \frac{3}{4}$	-	25	\$191.68
10051186	$2 \times 2 \times 1$	-	25	\$191.68
Leaded C x C x F Reducing Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037415	$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$	40	400	\$16.12
10037414	$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{4}$	30	240	\$15.34
10037413	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{8}$	50	200	\$17.86
10037412	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$	25	150	\$33.11
10037424	$\frac{3}{4} \times \frac{1}{2} \times \frac{3}{4}$	25	100	\$41.07
10037422	$\frac{3}{4} \times \frac{3}{4} \times \frac{3}{8}$	20	160	\$33.11
10037420	$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$	25	100	\$29.93
10037419	$\frac{3}{4} \times \frac{3}{4} \times 1$	-	50	\$56.59
10037429	$1 \times 1 \times \frac{1}{2}$	15	60	\$43.80
10037428	$1 \times 1 \times \frac{3}{4}$	-	75	\$46.25
10037440	$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{2}$	-	75	\$69.09
10037439	$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{4}$	-	50	\$72.46
10037438	$1\frac{1}{4} \times 1\frac{1}{4} \times 1$	-	50	\$72.46
10037450	$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	-	50	\$105.68
10037449	$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$	-	45	\$105.68
10037448	$1\frac{1}{2} \times 1\frac{1}{2} \times 1$	-	35	\$105.68
10037462	$2 \times 2 \times \frac{1}{2}$	-	25	\$171.70
10037460	$2 \times 2 \times \frac{3}{4}$	-	25	\$171.70
10037459	$2 \times 2 \times 1$	-	25	\$171.70

CAST BRASS Price List



**4713
C x C x M**

Lead-Free C x C x M Tee				
Item #	Nominal Size	Inner	Master	List
10051188	3/4	20	100	\$60.56
Leaded C x C x M Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037497	3/4	20	120	\$48.44



**4714
C x F x C**

Lead-Free C x F x C Tee				
Item #	Nominal Size	Inner	Master	List
10051190	1/2	25	150	\$19.70
10056972	3/4	20	80	\$37.54
10051192	1	-	60	\$119.14
10051195	1 1/4	-	35	\$169.97
10051196	1 1/2	-	20	\$240.24
10051199	2	-	20	\$278.20
Leaded C x F x C Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037528	1/2	25	150	\$16.92
10037537	3/4	20	80	\$32.25
10037545	1	-	60	\$102.37
10037553	1 1/4	-	35	\$146.92
10037560	1 1/2	-	20	\$207.68
10037567	2	-	20	\$240.49



**4714-R
C x F x C**

Lead-Free C x F x C Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10051200	1/2 x 3/4 x 1/2	15	120	\$40.64
10056974	3/4 x 1/2 x 3/4	25	100	\$29.62
10051202	1 x 1/2 x 1	-	90	\$78.82
10056970	1 x 3/4 x 1	-	75	\$82.50
10051204	1 1/4 x 1/2 x 1 1/4	-	50	\$191.65
10051206	1 1/4 x 3/4 x 1 1/4	15	45	\$191.65
10051208	1 1/2 x 1/2 x 1 1/2	-	40	\$279.68
10051211	1 1/2 x 3/4 x 1 1/2	-	25	\$276.66
10051212	2 x 1/2 x 2	-	25	\$250.41
10051215	2 x 3/4 x 2	-	20	\$239.06



**4714-R
C x F x C**

Leaded C x F x C Reducing Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037530	1/2 x 3/4 x 1/2	15	120	\$34.94
10037540	3/4 x 1/2 x 3/4	25	100	\$25.46
10037548	1 x 1/2 x 1	10	100	\$64.94
10037547	1 x 3/4 x 1	-	75	\$70.88
10037558	1 1/4 x 1/2 x 1 1/4	-	50	\$153.32
10037556	1 1/4 x 3/4 x 1 1/4	15	45	\$153.32
10037566	1 1/2 x 1/2 x 1 1/2	-	40	\$223.74
10037564	1 1/2 x 3/4 x 1 1/2	-	25	\$221.33
10037569	2 x 1/2 x 2	-	25	\$200.33
10037568	2 x 3/4 x 2	-	20	\$191.24



**4711-5
C x C x C**

Lead-Free Drop Ear Tee				
Item #	Nominal Size	Inner	Master	List
10056950	1/2	25	200	\$23.70
Leaded Drop Ear Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037742	1/2	25	200	\$21.47



**4712-5
C x C x F**

Lead-Free C x C x F Drop Ear Tee				
Item #	Nominal Size	Inner	Master	List
10056966	1/2	20	100	\$34.50
10056968	3/4	15	60	\$69.79
Leaded C x C x F Drop Ear Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037753	1/2	20	100	\$27.38
10037755	3/4	15	60	\$59.96



**4712-5-R
C x C x F**

Lead-Free C x C x F Reducing Drop Ear Tee				
Item #	Nominal Size	Inner	Master	List
10051216	1/2 x 1/2 x 3/8	20	160	\$30.34
Leaded C x C x F Reducing Drop Ear Tee (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10037754	1/2 x 1/2 x 3/8	20	160	\$24.27

CAST BRASS Price List



4714-B
Cx F x C

Lead-Free Baseboard Tee					
Item #	Nominal Size	Inner	Master	List	
10051218	1/2 x 1/8 x 1/2	40	320	\$17.92	
10051220	1/2 x 1/8 x 3/4	20	160	\$29.80	
10056980	3/4 x 1/8 x 3/4	35	140	\$19.17	
10051222	1 x 1/8 x 1	15	90	\$35.84	
10051224	1 1/4 x 1/8 x 1 1/4	-	45	\$137.48	

Leaded Baseboard Tee (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10037852	1/2 x 1/8 x 1/2	40	320	\$15.39	
10037850	1/2 x 1/8 x 3/4	20	160	\$23.84	
10037855	3/4 x 1/8 x 3/4	35	140	\$16.57	
10037857	1 x 1/8 x 1	15	90	\$30.79	
10037858	1 1/4 x 1/8 x 1 1/4	-	45	\$118.85	



4717
C

Lead-Free Tube Cap					
Item #	Nominal Size	Inner	Master	List	
10051226	5	-	5	\$1,383.28	
10051228	6	-	3	\$2,757.52	

Leaded Tube Cap (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10034647	5	-	5	\$1,195.78	
10034648	6	-	3	\$2,383.61	



4718-3
FTG x F

Leaded Flush Bushing (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10034614	1 x 1/2	20	240	\$32.28	
10034616	1 1/4 x 3/4	20	200	\$55.19	



4735
Cx Cx Cx C

Lead-Free Cross					
Item #	Nominal Size	Inner	Master	List	
10056976	1/2	45	180	\$29.27	
10056978	3/4	15	90	\$55.74	
10051236	1	-	50	\$95.97	
10051238	1 1/4	-	25	\$137.92	
10051240	1 1/2	-	30	\$196.57	
10051242	2	-	10	\$371.51	



4735
Cx Cx Cx C

Leaded Cross (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10034842	3/8	25	250	\$24.53	
10034844	1/2	45	180	\$25.15	
10034847	3/4	15	90	\$48.84	
10034854	1	-	50	\$82.98	
10034863	1 1/4	-	36	\$119.25	
10034885	1 1/2	-	30	\$169.94	
10034928	2	-	10	\$321.13	



4749
Cx Cx C

Lead-Free 45° Y					
Item #	Nominal Size	Inner	Master	List	
10051320	1/2	25	200	\$39.52	
10051324	3/4	10	100	\$56.77	
10051314	1	10	40	\$76.58	
10051318	1 1/4	-	25	\$175.97	
10051316	1 1/2	-	25	\$176.22	
10051322	2	-	10	\$306.44	

Leaded 45° Y (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10038063	1/2	25	200	\$33.95	
10038064	3/4	10	100	\$48.78	
10038066	1	10	40	\$65.80	
10038069	1 1/4	-	25	\$140.77	
10038072	1 1/2	-	25	\$140.98	
10038075	2	-	10	\$245.15	

CAST BRASS Price List



4741
C

Lead-Free 125 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included)				
Item #	Nominal Size	Inner	Master	List
10051244	1/2	-	50	\$133.69
10051246	3/4	-	30	\$133.69
10051248	1	-	30	\$87.80
10051250	1 1/4	-	30	\$95.33
10056626	1 1/2	-	20	\$158.98
10056628	2	-	10	\$229.24
10056630	2 1/2	-	5	\$294.89
10056632	3	-	6	\$305.24
10056634	4	-	3	\$425.89
10051252	5	-	4	\$794.45
10056638	6	-	2	\$833.21
10051254	8	-	1	\$2,610.15

Leaded 125 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included) (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035644	1/2	-	50	\$106.95
10035646	3/4	-	30	\$106.95
10035649	1	-	30	\$70.24
10035653	1 1/4	-	30	\$76.26
10035656	1 1/2	-	20	\$127.18
10035659	2	-	10	\$183.39
10035663	2 1/2	-	5	\$253.91
10035666	3	-	6	\$244.19
10035673	4	-	3	\$340.71
10035676	5	-	4	\$635.56
10035679	6	-	2	\$666.57
10035682	8	-	1	\$2,088.12



4771
C

Low Lead 150 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included)				
Item #	Nominal Size	Inner	Master	List
10056642	1	-	20	\$199.87
10056644	1 1/4	-	15	\$200.04
10056646	1 1/2	-	10	\$225.96
10056648	2	-	5	\$290.59
10056650	2 1/2	-	5	\$366.23
10056652	3	-	5	\$379.41
10056654	4	-	3	\$573.25
10056656	5	-	2	\$1,609.32
10056658	6	-	2	\$1,855.43
10056660	8	-	1	\$4,133.89

Leaded 150 Lb Companion Flange with A.S.M.E. Drilling (Bolts not included) (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10035794	1	-	20	\$114.51
10035799	1 1/4	-	15	\$101.58
10035806	1 1/2	-	10	\$177.92
10035810	2	-	8	\$228.81
10035816	2 1/2	-	5	\$288.37
10035822	3	-	5	\$298.75
10035834	4	-	3	\$451.38
10035837	5	-	2	\$1,267.18
10035840	6	-	2	\$1,460.97
10035844	8	-	1	\$3,254.39



800C

Leaded Drain Cap and Washer (Not for potable water.)				
Item #	Nominal Size	Inner	Master	List
10088002	Drain Cap and Washer	2	100	\$2.92

*Item will round to inner pack quantity.

CAST BRASS Price List



7101
C x C

Lead-Free Flared Coupling					
Item #	Nominal Size	Inner	Master	List	
10051258	1/2	20	60	\$63.82	
10051260	3/4	10	30	\$80.84	
10051262	1	-	20	\$149.22	
Leaded Flared Coupling (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042226	1/2	20	60	\$51.05	
10042232	3/4	3	20	\$64.67	
10042238	1	5	25	\$119.37	
10042244	1 1/4	-	15	\$193.41	
10042250	1 1/2	-	15	\$292.83	
10042256	2	-	5	\$439.71	



7103
C x F

Lead-Free Flared Female Adapter					
Item #	Nominal Size	Inner	Master	List	
10051270	1/2	25	100	\$48.22	
10051272	3/4	25	75	\$58.32	
Leaded Flared Female Adapter (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042046	1/2	25	100	\$38.58	
10042062	3/4	25	75	\$46.65	
10042072	1	-	40	\$99.47	
10042078	1 1/4	-	25	\$166.58	
10042082	1 1/2	-	25	\$211.45	
10042086	2	-	10	\$275.11	



7104
C x M

Lead-Free Flared Male Adapter					
Item #	Nominal Size	Inner	Master	List	
10051282	1/2	25	100	\$43.14	
10051284	3/4	15	60	\$62.60	
10051286	1	-	35	\$104.94	
10051288	1 1/4	-	25	\$208.23	
10051290	1 1/2	-	20	\$262.48	
Leaded Flared Male Adapter (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042126	1/2	25	100	\$34.51	
10042140	3/4	15	60	\$47.56	
10042148	1	-	35	\$83.95	
10042156	1 1/4	-	25	\$166.58	
10042162	1 1/2	-	20	\$209.99	
10042164	2	-	10	\$284.17	



7104-R
C x M

Lead-Free Flared Male Reducing Adapter					
Item #	Nominal Size	Inner	Master	List	
10051294	3/4 x 1/2	20	80	\$66.07	
Leaded Flared Male Reducing Adapter (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042144	3/4 x 1/2	20	80	\$52.85	



7107
C x C

Lead-Free 90° Flared Elbow (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042398	1/2	-	50	\$56.96	
10042404	3/4	-	40	\$72.55	
10042410	1	-	25	\$137.52	
10042418	2	-	5	\$473.61	



7107-3
C x F

Leaded 90° Flared Female Elbow (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042470	1	-	35	\$125.71	



7107-4
C x M

Lead-Free 90° Flared Male Elbow					
Item #	Nominal Size	Inner	Master	List	
10051306	3/4	-	50	\$59.44	
Leaded 90° Flared Male Elbow (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042536	3/4	-	50	\$47.55	
10042542	1	-	25	\$129.59	



7111
C x C x C

Leaded Flared Tee (Not for potable water.)					
Item #	Nominal Size	Inner	Master	List	
10042748	3/4	-	25	\$97.71	
10042770	1	-	20	\$172.94	



CAST BRASS

Price List

Customer Service 800.395.7313

www.elkhartproducts.com

Suggested Contractor Prices
Effective March 1, 2014

Minimum Billing - \$50.00

Conditions of Sale

PRICES: All prices and conditions are subject to change without notice and all quotations, unless otherwise specified, are binding only for immediate acceptance. Published prices are based on material made to EPC's standard tolerances and dimensions. All orders are subject to acceptance by the home office. Orders accepted will be on the basis of price in effect on the date of shipment.

FREIGHT: Freight will be allowed on single shipments of \$2,500 net or more to any one destination in the United States, except for Alaska and Hawaii. However, two or more orders may be combined in one shipment for freight allowance. On freight allowed shipments the consignor reserves the right to control the routing and use the route having the lowest published rate.

RETURN OF GOODS: No material is to be returned without our written permission. A minimum handling and inspection charge of 25% will be levied on all approved goods, plus transportation charges both ways. Returns will not be accepted for bagged product that has been opened.

ORDER QUANTITY: We reserve the right to adjust the inner package quantities.

Warranty

Elkhart Products Corporation warrants that all fittings will be free from defects in material and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

Liability Policy PART A

Except as expressly stated on this document, Seller shall not be liable to the Buyer or to any other person, firm or corporation for any incidental or consequential loss, damage or injury arising out of any breach of warranty or any other act or default relating to Buyer's order or to product or services provided to Buyer, even if any such loss, damage or injury is caused by Seller's negligence. The correction of defects as provided in the warranty statement above shall constitute Seller's full obligation with respect to all claims and Seller's liability shall in no event exceed the unit purchase price of the product in question.

Any lawsuit or other action based upon breach of this contract or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller by Buyer) must be commenced within one year from the date of the tender of delivery by Seller or, in the case of a cause of action based upon an alleged breach of warranty, within one year from the date within the warranty period on which the defect is or should have been discovered by the Buyer.

Lead Free

Lead Free (SDWA) Safe Drinking Water Act Section 1417:

Products are considered lead free and compliant to the Safe Drinking Water Act (SDWA) Section 1417 providing they contain a weighted average of not more than 0.25% lead in a wetted surface material.

Elkhart Products Copper fittings are naturally 99.99% lead free and comply with the Safe Drinking Water Act (SDWA) Section 1417.

Elkhart Products Low Lead and Lead Free Cast and Brass fittings comply with the Safe Drinking Water Act (SDWA) Section 1417. All Lead Free product will be marked to assist when product is removed from packaging. Lead Free compliant product is distinguished by the following product markings "LF," "LL," or "BI."

Elkhart Products LEADED Cast and Brass fittings do not comply to the Safe Drinking Water Act (SDWA) Section 1417. Certain states have already adopted the SDWA and will not accept leaded product for the purpose of potable water. January 1, 2014 is the national date for adoption of the SWDA, where leaded product may no longer be used for the purpose of potable water.

CAST BRASS DWV Price List

Suggested Contractor Prices
Effective March 1, 2014



5801-R
C x C

Reducer Coupling				
Item #	Nominal Size	Inner	Master	List
10047818	4 x 2	-	15	\$114.99

Not for potable water.



5801-2
FTG x C

Extended Reducer Bushing				
Item #	Nominal Size	Inner	Master	List
10047618	4 x 2	-	30	\$142.90
10047616	4 x 3	-	30	\$111.96

Not for potable water.



5803
C x F

Female Adapter				
Item #	Nominal Size	Inner	Master	List
10047022	3	-	20	\$174.95
10047028	4	-	10	\$285.36

Not for potable water.



5803-2
FTG x F

Female Fitting Adapter				
Item #	Nominal Size	Inner	Master	List
10047098	1½	-	75	\$63.61
10047102	2	-	50	\$86.72
10047106	3	-	15	\$171.15

Not for potable water.



5804
C x M

Male Adapter				
Item #	Nominal Size	Inner	Master	List
10047052	1½	-	75	\$25.52
10047058	2	-	50	\$37.36
10047066	3	-	25	\$152.61
10047070	4	-	10	\$256.06

Not for potable water.



5804-R
C x M

Male Reducing Adapter				
Item #	Nominal Size	Inner	Master	List
10047050	1¼ x 1½	10	50	\$34.89
10047056	1½ x 1¼	-	75	\$38.93
10047054	1½ x 2	-	50	\$43.21
10047060	2 x 1½	-	50	\$48.34

Not for potable water.



5804-2
FTG x M

Male Fitting Adapter				
Item #	Nominal Size	Inner	Master	List
10047128	1½	-	75	\$50.94
10047130	2	-	50	\$76.78

Not for potable water.



5807
C x C

90° Reducing Elbow				
Item #	Nominal Size	Inner	Master	List
10048138	2 x 1½	-	50	\$57.98

Not for potable water.



5837
C x C x C

Double Elbow				
Item #	Nominal Size	Inner	Master	List
10048368	1½	-	40	\$100.18
10048372	2	-	20	\$159.08

Not for potable water.



5837-R
C x C x C

Reducing Double Elbow				
Item #	Nominal Size	Inner	Master	List
10048370	1½ x 1¼ x 1¼	-	50	\$92.30
10048374	2 x 1½ x 1½	50	1500	\$139.22

Not for potable water.



5811
C x C x C

90° Sanitary Tee				
Item #	Nominal Size	Inner	Master	List
10048812	4	-	5	\$428.92

Not for potable water.



5811-R
C x C x C

90° Sanitary Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10048814	4 x 4 x 3	-	5	\$357.48
10048816	4 x 4 x 2	-	10	\$357.48

Not for potable water.

CAST BRASS DWV Price List



5811-CFC
C x C x F

C x F x C Tee					
Item #	Nominal Size	Inner	Master	List	
10048912	1½	-	40	\$86.79	
10048920	2	-	20	\$138.36	

Not for potable water.



5811-CFC
C x F x C

C x F x C Tee					
Item #	Nominal Size	Inner	Master	List	
10048974	1½	-	40	\$117.24	
10048982	2	25	25	\$72.92	

Not for potable water.



5814
C x C x Cleanout

Test Tee with Plug					
Item #	Nominal Size	Inner	Master	List	
10049258	1½	-	35	\$97.14	
10049260	2	-	20	\$122.50	
10049262	3	-	10	\$317.49	

Not for potable water.



5499
C x C x C x C

Utility Tee					
Item #	Nominal Size	Inner	Master	List	
10049306	2	-	15	\$262.64	

Not for potable water.



5835
C x C x C x C

Double Tee					
Item #	Nominal Size	Inner	Master	List	
10049390	1¼	-	50	\$92.23	
10049392	1½	-	50	\$76.04	
10049398	2	-	20	\$175.29	

Not for potable water.



5835-R
C x C x C x C

Reducing Double Tee					
Item #	Nominal Size	Inner	Master	List	
10049406	2 x 1½ x 1½ x 1½	-	20	\$195.16	
10049404	2 x 2 x 1¼ x 1¼	-	25	\$195.16	
10049400	2 x 2 x 1½ x 1½	-	25	\$157.00	
10049416	3 x 3 x 1½ x 1½	-	25	\$266.81	
10049412	3 x 3 x 2 x 2	-	15	\$223.50	

Not for potable water.



5516
C x C x C x C

Double Long Turn Tee					
Item #	Nominal Size	Inner	Master	List	
10049572	2 x 1½ x 1½ x 1½	-	5	\$200.59	

Not for potable water.



5810
C x C x C

45° Y					
Item #	Nominal Size	Inner	Master	List	
10050762	1½	5	50	\$67.53	
10050766	2	3	24	\$281.49	
10050780	3	1	8	\$194.13	
10050798	4	-	5	\$428.92	

Not for potable water.



5810-R
C x C x C

45° Reducing Y					
Item #	Nominal Size	Inner	Master	List	
10050778	2 x 1½ x 1½	-	40	\$97.80	
10050776	2 x 1½ x 2	3	24	\$108.67	
10050774	2 x 2 x 1¼	-	35	\$108.67	
10050768	2 x 2 x 1½	3	24	\$101.59	
10050802	4 x 4 x 2	-	10	\$303.88	
10050800	4 x 4 x 3	-	5	\$303.88	

Not for potable water.



5834
C x C x C x C

45° Double Y					
Item #	Nominal Size	Inner	Master	List	
10051182	1½	-	35	\$111.10	
10051194	2	-	20	\$196.81	
10051210	3	-	10	\$315.78	

Not for potable water.



5834-R
C x C x C x C

45° Reducing Double Y					
Item #	Nominal Size	Inner	Master	List	
10051198	2 x 2 x 1½ x 1½	-	30	\$158.89	
10051214	3 x 3 x 1½ x 1½	10	10	\$72.92	

Not for potable water.



5812
C x C x C

Long Turn T-Y					
Item #	Nominal Size	Inner	Master	List	
10050442	1½	-	10	\$75.30	
10050448	2	-	15	\$167.00	
10050462	3	-	5	\$295.11	
10050476	4	-	3	\$787.00	

Not for potable water.



5812-R
C x C x C

Long Turn Reducing T-Y					
Item #	Nominal Size	Inner	Master	List	
10050456	2 x 1½ x 1½	-	1	\$140.84	
10050450	2 x 2 x 1½	-	25	\$126.32	
10050466	3 x 3 x 2	-	10	\$223.67	

Not for potable water.

CAST BRASS DWV Price List



Double Long Turn T-Y					
Item #	Nominal Size	Inner	Master	List	
10050632	1½	-	20	\$229.92	
10050638	2	-	10	\$306.82	

Not for potable water.



Double Long Turn Reducing T-Y					
Item #	Nominal Size	Inner	Master	List	
10050640	2 x 2 x 1½ x 1½	-	10	\$193.41	

Not for potable water.



P-Trap					
Item #	Nominal Size	Inner	Master	List	
10049750	1¼	-	30	\$113.82	
10049752	1½	-	25	\$109.98	
10049758	2	-	15	\$169.91	
10049762	3	-	5	\$408.11	

Not for potable water.



P-Trap with Cleanout with Plug					
Item #	Nominal Size	Inner	Master	List	
10049770	1¼	-	25	\$132.25	
10049772	1½	-	20	\$122.37	
10049776	2	-	10	\$187.36	
10049780	3	-	5	\$685.51	

Not for potable water.



P-Trap with Cleanout with Plug					
Item #	Nominal Size	Inner	Master	List	
10049842	1½ x 1½ OD	-	20	\$167.75	

Not for potable water.



Female P-Trap with Union Joint					
Item #	Nominal Size	Inner	Master	List	
10049932	1½	-	10	\$180.34	

Not for potable water.



P-Trap with Union Joint					
Item #	Nominal Size	Inner	Master	List	
10049882	1½	-	20	\$152.48	

Not for potable water.



Female LA Pattern P-Trap with Union Joint					
Item #	Nominal Size	Inner	Master	List	
10049952	1½ x 1½ OD	-	15	\$180.34	

Not for potable water.



LA Pattern P-Trap with Union Joint					
Item #	Nominal Size	Inner	Master	List	
10049892	1½ x 1½ OD	-	15	\$156.92	
10049886	2 OD	-	10	\$364.08	

Not for potable water.



Trap Adapter C x SJ					
Item #	Nominal Size	Inner	Master	List	
10047368	1½ x 1½ OD	10	100	\$30.03	

Not for potable water.



Trap Adapter					
Item #	Nominal Size	Inner	Master	List	
10047382	1¼ x 1¼ OD	25	150	\$42.36	
10047384	1½ x 1½ OD	-	100	\$32.03	

Not for potable water.



Reducing Trap Adapter					
Item #	Nominal Size	Inner	Master	List	
10047386	1½ x 1¼ OD	10	100	\$38.41	

Not for potable water.



Male Trap Adapter					
Item #	Nominal Size	Inner	Master	List	
10047310	1¼	-	100	\$19.74	
10047314	1½	25	100	\$33.74	
10047320	2	-	75	\$40.51	

Not for potable water.



Male Reducing Trap Adapter					
Item #	Nominal Size	Inner	Master	List	
10047312	1¼ x 1½	-	75	\$41.09	
10047316	1½ x 2	-	50	\$72.92	

Not for potable water.

CAST BRASS DWV Price List



5182-R
OD x M

Male Reducing Trap Adapter OD x M					
Item #	Nominal Size	Inner	Master	List	
10047472	1¼ OD x 1½	-	50	\$40.67	

Not for potable water.



5802-C
C x M

Male Flush Trap Adapter					
Item #	Nominal Size	Inner	Master	List	
10047336	1½	25	150	\$36.88	
10047340	2	-	75	\$40.11	

Not for potable water.



5879
C x C

Trap Return Bend					
Item #	Nominal Size	Inner	Master	List	
10047576	1¼	-	50	\$68.14	
10047578	1½	-	35	\$86.36	
10047582	2	-	20	\$167.18	
10047588	3	-	10	\$288.57	

Not for potable water.



5879-R
C x C

Reducing Trap Return Bend					
Item #	Nominal Size	Inner	Master	List	
10047584	2 x 1½	-	15	\$216.98	

Not for potable water.



5878
C x C x Cleanout

Trap Return Bend with Cleanout with Plug					
Item #	Nominal Size	Inner	Master	List	
10047556	1¼	-	40	\$82.62	
10047558	1½	-	35	\$99.04	
10047562	2	-	20	\$119.41	

Not for potable water.



5427
M x OD

Male Fine Thread Reducing Trap Upturn					
Item #	Nominal Size	Inner	Master	List	
10050416	1½ x 1½ OD	-	15	\$124.01	

Not for potable water.



5890
C x F x Cleanout

Drum Trap with Bottom Inlet with Plug					
Item #	Nominal Size	Inner	Master	List	
10049628	1½ x 3 x 5	-	15	\$154.33	

Not for potable water.



5891
C x C x Cleanout

Swivel Drum Trap with Plug					
Item #	Nominal Size	Inner	Master	List	
10049646	1½ x 3 x 6	-	10	\$244.91	

Not for potable water.



5802
C x SJ

Marvel Thread Piece					
Item #	Nominal Size	Inner	Master	List	
10047350	1¼	50	500	\$27.40	
10047354	1½	50	500	\$24.04	
10047358	2	25	250	\$30.89	

Not for potable water.



5816
FTG x Cleanout

Fitting Cleanout with Plug					
Item #	Nominal Size	Inner	Master	List	
10047742	1¼ x ¾	-	75	\$56.61	
10047744	1½ x 1	-	50	\$71.46	
10047746	2 x 1½	-	35	\$84.53	
10047748	3 x 2½	-	15	\$298.89	
10047750	4 x 3	-	5	\$348.85	

Not for potable water.



5816-S
FTG x Cleanout

Flush Fitting Cleanout with Plug					
Item #	Nominal Size	Inner	Master	List	
10047768	1¼ x ¾	-	200	\$34.69	
10047770	1½ x 1	-	150	\$43.45	
10047772	2 x 1½	-	10	\$52.11	
10047774	3 x 2½	-	50	\$110.34	
10047776	4 x 3	-	15	\$207.58	

Not for potable water.



5819

Cored Hex Head Plug					
Item #	Nominal Size	Inner	Master	List	
10048602	1½	-	125	\$20.74	

Not for potable water.



CAST BRASS DWV Price List

Suggested Contractor Prices
Effective March 1, 2014

Minimum Billing - \$50.00

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Elkhart Products Corporation

1255 Oak Street • Elkhart, Indiana 46514 • (574) 264-3181 • FAX (574) 264-0103

www.elkhartproducts.com


KLEENFIT

PREPARED FITTINGS
Single Pack/Medical Gas Certified

M-165

Suggested Contractor Prices Effective August 29, 2013


Kleen-Fit - Pressure Fittings



**Kleen-Fit
100**

Coupling With Stop

C x C
Copper to Copper



**Kleen-Fit
100-RS**

Coupling With Roll Stop

C x C
Copper to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230897	1/4	3/8	1	25	\$1.33
10230899	3/8	1/2	1	25	\$1.77
10230901	1/2	5/8	1	100	\$1.45
10230905	3/4	7/8	1	50	\$2.93
10230909	1	1-1/8	1	25	\$5.83
10230912	1-1/4	1-3/8	1	20	\$10.25
10230915	1-1/2	1-5/8	1	15	\$13.55
10230917	2	2-1/8	1	10	\$22.63
10230919	2-1/2	2-5/8	1	5	\$48.04
10230921	3	3-1/8	1	5	\$67.90
10230925	4	4-1/8	1	2	\$142.79

Job Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10280019	1/2	5/8	25	100	\$34.08
10280023	3/4	7/8	25	50	\$68.86
10280026	1	1-1/8	10	30	\$54.80

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230907	5/8	3/4	1		\$4.39
10230931	3-1/2	3-5/8	1		\$130.18
10230927	5	5-1/8	1		\$329.10
10230929	6	6-1/8	1		\$543.87
10230932	8	8-1/8	1		\$1,762.64

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230669	1/8	1/4	1		\$1.63
10230681	1/4	3/8	1		\$1.34
10230687	3/8	1/2	1		\$1.77
10230701	1/2	5/8	1		\$1.45
10230703	5/8	3/4	1		\$4.18
10233082	3/4	7/8	1		\$2.93
10230731	1	1-1/8	1		\$5.83
10233207	1-1/4	1-3/8	1		\$10.25
10230765	1-1/2	1-5/8	1		\$13.55
10233083	2	2-1/8	1		\$22.63



**Kleen-Fit
101**

Coupling Without Stop


C x C

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233469	1/4	3/8	1		\$1.10
10233471	3/8	1/2	1		\$3.80
10230955	1/2	5/8	1		\$1.92
10230958	3/4	7/8	1		\$3.99
10230971	1	1-1/8	1		\$8.43
10230965	1-1/4	1-3/8	1		\$12.59
10233075	1-1/2	1-5/8	1		\$17.02
10233079	2	2-1/8	1		\$28.77




Kleen-Fit - Pressure Fittings

**Kleen-Fit
101**

Coupling Without Stop

C x C



**Kleen-Fit
101-R**


Coupling With Stop

Copper to Copper

C x C

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230973	2-1/2	2-5/8	1		\$37.65
10233080	3	3-1/8	1		\$69.22
10233223	4	4-1/8	1		\$132.62
10233271	5 X 3	5-1/8 X 3-1/8	1		\$776.33
10233277	6	6-1/8	1		\$644.47

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230767	1-1/2 X 1-1/4	1-5/8 X 1-3/8	1		\$22.11
10230794	2 X 1/2	2-1/8 X 5/8	1		\$38.23
10230791	2 X 3/4	2-1/8 X 7/8	1		\$36.74
10230789	2 X 1	2-1/8 X 1-1/8	1		\$36.05
10230787	2 X 1-1/4	2-1/8 X 1-3/8	1		\$34.19
10230785	2 X 1-1/2	2-1/8 X 1-5/8	1		\$34.19
10233195	2-1/2 x 1	2-5/8 x 1-1/8	1		\$87.79
10230805	2-1/2 X 1-1/4	2-5/8 X 1-3/8	1		\$87.24
10230803	2-1/2 X 1-1/2	2-5/8 X 1-5/8	1		\$77.20
10230801	2-1/2 X 2	2-5/8 X 2-1/8	1		\$75.60
10230822	3 X 1-1/2	3-1/8 X 1-5/8	1		\$102.29
10230819	3 X 2	3-1/8 X 2-1/8	1		\$91.55
10230817	3 X 2-1/2	3-1/8 X 2-5/8	1		\$93.46
10233015	3-1/2 X 3	3-5/8 X 3-1/8	1		\$158.18
10230157	4 X 2	4-1/8 X 2-1/8	1		\$209.73
10230845	4 X 2-1/2	4-1/8 X 2-5/8	1		\$218.14
10230843	4 X 3	4-1/8 X 3-1/8	1		\$191.78
10233401	4 X 3 1/2	4 1/8 X 3 5/8	1		\$218.14
10233449	6 X 2	6 1/8 X 2 1/8	1		\$1,339.17
10233199	6 X 3	6-1/8 X 3-1/8	1		\$1,160.23
10233463	6 X 4	6 1/8 X 4 1/8	1		\$1,160.24
10230877	8 X 6	8-1/8 X 6-1/8	1		\$2,099.52



**Kleen-Fit
101-R**

Coupling With Stop


Copper to Copper

C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230699	1/2 X 1/4	5/8 X 3/8	1	25	\$3.69
10230697	1/2 X 3/8	5/8 X 1/2	1	50	\$3.04
10230719	3/4 X 3/8	7/8 X 1/2	1	25	\$6.56
10230717	3/4 X 1/2	7/8 X 5/8	1	25	\$5.19
10230737	1 X 1/2	1-1/8 X 5/8	1	25	\$11.36
10230733	1 X 3/4	1-1/8 X 7/8	1	25	\$9.61

Job Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10280025	1/2 X 3/8	5/8 X 1/2	10	100	\$28.58

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230685	1/4 X 1/8	3/8 X 1/4	1		\$9.05
10230690	3/8 X 1/4	1/2 X 3/8	1		\$2.97
10233197	1/2 x 1/8	5/8 X 1/4	1		\$4.09
10230177	5/8 X 1/4	3/4 X 3/8	1		\$8.13
10230709	5/8 X 3/8	3/4 X 1/2	1		\$9.18
10230705	5/8 X 1/2	3/4 X 5/8	1		\$7.43
10230722	3/4 X 1/4	7/8 X 3/8	1		\$6.44
10230721	3/4 X 5/8	7/8 X 3/4	1		\$5.25
10230742	1 X 3/8	1-1/8 X 1/2	1		\$11.73
10233010	1 X 5/8	1-1/8 X 3/4	1		\$10.27
10230758	1-1/4 X 1/2	1-3/8 X 5/8	1		\$13.87
10230754	1-1/4 X 3/4	1-3/8 X 7/8	1		\$13.35
10230750	1-1/4 X 1	1-3/8 X 1-1/8	1		\$13.35
10230778	1-1/2 X 1/2	1-5/8 X 5/8	1		\$23.47
10230773	1-1/2 X 3/4	1-5/8 X 7/8	1		\$22.11
10230770	1-1/2 X 1	1-5/8 X 1-1/8	1		\$22.11



**Kleen-Fit
102**

Union

Copper to Copper

C x C

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233234	3/8	1/2	1		\$34.63
10233581	1/2	5/8	1		\$20.95
10233583	3/4	7/8	1		\$26.34
10233591	1	1-1/8	1		\$44.32
10233081	1-1/4	1-3/8	1		\$70.44
10233588	1-1/2	1-5/8	1		\$92.69
10233589	2	2-1/8	1		\$158.00





Kleen-Fit - Pressure Fittings



C x F

Kleen-Fit
103

Female Adapter

Copper to Female N.P.T.



C x M

Kleen-Fit
104

Male Adapter

Copper to Male N.P.T.

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230132	1/2	5/8 X 1/2	1	25	\$6.38
10230152	3/4	7/8 X 3/4	1	50	\$8.76
10230162	1	1-1/8 X 1	1	25	\$20.26

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233029	1/8	1/4 X 1/8	1		\$14.42
10230111	1/4	3/8 X 1/4	1		\$12.39
10230121	3/8	1/2 X 3/8	1		\$12.71
10230109	1/4 x 1/8	3/8 x 1/8	1		\$13.76
10233212	3/8 X 1/4	1/2 X 1/4	1		\$10.96
10230140	1/2 X 1/4	5/8 X 1/4	1		\$9.94
10232879	1/2 X 3/8	5/8 X 3/8	1		\$9.94
10230135	1/2 X 3/4	5/8 X 3/4	1		\$13.83
10233485	5/8 X 3/4	3/4 X 3/4	1		\$15.12
10230158	3/4 X 1/2	7/8 X 1/2	1		\$13.83
10230169	1 X 1/2	1-1/8 X 1/2	1		\$37.09
10233070	1 X 1-1/4	1-1/8 X 1-1/4	1		\$52.75
10230175	1-1/4	1-3/8 X 1-1/4	1		\$29.35
10230181	1-1/2	1-5/8 X 1-1/2	1		\$45.92
10230191	2	2-1/8 X 2	1		\$62.35
10232881	2-1/2	2-5/8	1		\$227.08



FTG. x F

Kleen-Fit
103-2

Female Street Adapter

Fitting to Female N.P.T.



FTG. x M

Kleen-Fit
104-2

Male Street Adapter

Fitting to Male N.P.T.

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230226	1/4	3/8 X 1/4	1		\$14.48
10233245	3/8	1/2	1		\$16.63
10230115	1/2	5/8 X 1/2	1		\$12.73
10230241	1/2 X 1/4	5/8 X 1/4	1		\$20.45
10233233	1/2 X 3/8	5/8 X 3/8	1		\$17.17
10230243	3/4	7/8 X 3/4	1		\$16.44
10233023	1	1-1/8	1		\$29.36
10233247	1-1/4	1-3/8	1		\$46.99
10233257	1-1/2	1 5/8 X 1 1/2	1		\$61.69
10233259	2	2-1/8 X 2	1		\$81.98

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230312	1/2	5/8 X 1/2	1	25	\$4.01
10230332	3/4	7/8 X 3/4	1	25	\$6.75
10230345	1	1-1/8 X 1	1	25	\$17.43

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230291	1/4	3/8 X 1/4	1		\$19.01
10230108	1/4 X 3/8	3/8 X 3/8	1		\$22.79
10233192	3/8	1/2 X 3/8	1		\$9.45
10233243	3/8 X 1/4	1/2 X 1/4	1		\$22.28
10230179	3/8 X 1/2	1/2 X 1/2	1		\$13.52
10230322	1/2 X 1/4	5/8 X 1/4	1		\$12.36
10230319	1/2 X 3/8	5/8 X 3/8	1		\$10.27
10233489	1/2 X 3/4	5/8 X 3/4	1		\$11.73
10233483	5/8 X 3/4	3/4 X 3/4	1		\$15.12
10233011	3/4 x 1/2	7/8 X 1/2	1		\$11.73
10230351	1 X 3/4	1-1/8 X 3/4	1		\$25.82
10230356	1-1/4	1-3/8 X 1-1/4	1		\$25.56
10230371	1-1/2	1-5/8 X 1-1/2	1		\$29.35
10230381	2	2-1/8 X 2	1		\$49.70
10230145	2-1/2	2-5/8 X 2-1/2	1		\$190.35
10230402	3	3-1/8 X 3	1		\$236.72
10230412	4	4-1/8 X 4	1		\$320.76


Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233273	1/2	5/8 X 1/2	1		\$17.76
10233253	3/4	7/8 X 3/4	1		\$22.86
10233290	3/4 X 1/2	7/8 X 1/2	1		\$42.83
10233238	1	1-1/8 X 1	1		\$29.06
10233251	1-1/4	1-3/8 X 1-1/4	1		\$88.92
10233013	1-1/2	1-5/8 X 1-1/2	1		\$107.73
10233093	2	2-1/8 X 2	1		\$174.14





Kleen-Fit - Pressure Fittings


FTG. x FTG.

**Kleen-Fit
105-C**

90° Street Elbow-Close Ruff

Fitting to Fitting

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230139	1/2	5/8	1		\$10.28
10233193	1	1-1/8	1		\$26.79




FTG. x FTG.

**Kleen-Fit
105-L**

90° Street Elbow-Long Turn

Fitting to Fitting

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233269	3/4	7/8	1		\$25.05
10231933	1 1/4	1 3/8	1		\$55.73



C x C

**Kleen-Fit
106**


45° Elbow

Copper to Copper

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231098	1/2	5/8	1	100	\$3.54
10231108	3/4	7/8	1	50	\$6.17
10231122	1	1-1/8	1	25	\$15.50
10231130	1-1/4	1-3/8	1	10	\$20.77
10231136	1-1/2	1-5/8	1	10	\$25.01
10231142	2	2-1/8	1	5	\$41.77

Job Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10280021	1/2	5/8	25	100	\$83.19

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231084	1/8	1/4	1		\$13.75
10231088	1/4	3/8	1		\$10.26
10231092	3/8	1/2	1		\$8.78
10233213	5/8	3/4	1		\$16.72
10231150	2-1/2	2-5/8	1		\$88.99
10231158	3	3-1/8	1		\$124.15
10231164	3-1/2	3-5/8	1		\$213.31
10231169	4	4-1/8	1		\$264.54




C x C

**Kleen-Fit
106**

45° Elbow

Copper to Copper

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231171	5	5-1/8	1		\$959.27
10231173	6	6-1/8	1		\$1,512.08
10231176	8	8-1/8	1		\$5,648.48



FTG. x C


**Kleen-Fit
106-2**

45° Street Elbow

Fitting to Copper

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231196	1/2	5/8	1	25	\$4.21
10231204	3/4	7/8	1	25	\$6.22

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231188	1/4	3/8	1		\$15.28
10231093	3/8	1/2	1		\$11.99
10231208	1	1-1/8	1		\$20.47
10231214	1-1/4	1-3/8	1		\$25.56
10231218	1-1/2	1-5/8	1		\$31.26
10231222	2	2-1/8	1		\$49.70
10230128	2-1/2	2-5/8	1		\$118.13
10232892	3	3-1/8	1		\$150.47
10230131	4	4-1/8	1		\$738.29



C x C

**Kleen-Fit
107-C**


90° Elbow-Close Ruff

Copper to Copper

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231263	1/4	3/8	1	25	\$5.75
10231267	3/8	1/2	1	25	\$5.47
10231273	1/2	5/8	1	100	\$1.92
10231289	3/4	7/8	1	50	\$4.32
10231297	1	1-1/8	1	25	\$10.59
10231307	1-1/4	1-3/8	1	15	\$15.84
10231315	1-1/2	1-5/8	1	10	\$24.70
10231323	2	2-1/8	1	5	\$45.01



Kleen-Fit - Pressure Fittings

**Kleen-Fit
107-C**

90° Elbow-Close Ruff


Copper to Copper

C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231331	2-1/2	2-5/8	1	3	\$90.07
10231339	3	3-1/8	1	3	\$113.16
10231353	4	4 1/8	1	1	\$289.66

Job Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10280016	1/2	5/8	25	100	\$45.12
10280017	3/4	7/8	25	50	\$101.52
10280018	1	1-1/8	10	30	\$99.55

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231261	1/8	1/4	1		\$5.47
10231281	5/8	3/4	1		\$11.68
10231348	3-1/2	3-5/8	1		\$395.53
10231361	5	5-1/8	1		\$1,135.73
10231369	6	6-1/8	1		\$1,514.34
10231373	8	8-1/8	1		\$6,161.28
10230163	3/8 X 1/4	1/2 X 3/8	1		\$9.47
10233236	1/2 X 1/4	5/8 X 3/8	1		\$16.08
10233194	1/2 X 3/8	5/8 X 1/2	1		\$16.08
10231292	3/4 X 1/2	7/8 X 5/8	1		\$11.16
10231255	1 X 1/2	1 1/8 X 5/8	1		\$22.86
10230155	1 X 3/4	1-1/8 X 7/8	1		\$20.47
10233263	1-1/4 X 1	1-3/8 X 1-1/8	1		\$51.62
10233491	1 1/2 X 1 1/4	1 5/8 X 1 3/8	1		\$67.86
10231253	2 X 1 1/2	2 1/8 X 1 5/8	1		\$91.39



**Kleen-Fit
107-C-2**


90° Street Elbow-Close Ruff

Fitting to Copper

FTG x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231402	1/2	5/8	1	25	\$2.94

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233481	1/4	3/8	1		\$10.09
10231259	3/8	1/2	1		\$6.96
10231410	3/4	7/8	1		\$6.22
10231414	1	1-1/8	1		\$16.10




**Kleen-Fit
107-C-2**

90° Street Elbow-Close Ruff

Fitting to Copper

FTG x C

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231418	1-1/4	1-3/8	1		\$24.15
10231422	1-1/2	1-5/8	1		\$31.64
10231426	2	2-1/8	1		\$68.91
10230146	2-1/2	2-5/8	1		\$117.64
10230149	3	3-1/8	1		\$164.88
10232188	3 1/2	3 5/8	1		\$637.74
10230129	4	4-1/8	1		\$378.81




**Kleen-Fit
107-MT**

90° Elbow-Medium Turn

Copper to Copper

C x C

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230133	1/2	5/8	1		\$6.44
10233017	3/4	7/8	1		\$11.61
10233019	1	1-1/8	1		\$15.54




**Kleen-Fit
107-MT-2**

90° Street Elbow-Medium Turn

Fitting to Copper

FTG. x C

Non-Stock Items					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230143	3/8	1/2	1		\$6.96
10230127	1/2	5/8	1		\$8.22
10231415	3/4	7/8	1		\$13.23



**Kleen-Fit
107-L**

90° Elbow-Long Turn

Copper to Copper


C x C

Standard Pack					
Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231677	1/2	5/8	1	25	\$8.75






Kleen-Fit - Pressure Fittings

**Kleen-Fit
107-L**

90° Elbow-Long Turn

C x C
Copper to Copper



**Kleen-Fit
111**

Tee


C x C x C
Copper to Copper to Copper

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231667	-	5/16 OD	1		\$9.59
10231665	1/8	1/4	1		\$10.26
10231669	1/4	3/8	1		\$7.73
10231675	3/8	1/2	1		\$9.74
10231685	5/8	3/4	1		\$8.85
10231693	3/4	7/8	1		\$11.32
10231711	1	1-1/8	1		\$18.20
10231722	1-1/4	1-3/8	1		\$29.53
10231731	1-1/2	1-5/8	1		\$39.64
10230173	2	2-1/8	1		\$104.29
10233239	2-1/2	2-5/8	1		\$165.10
10231758	3	3-1/8	1		\$218.59
10231764	3-1/2	3-5/8	1		\$787.01
10231772	4	4-1/8	1		\$585.57

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10232641	1/4	3/8	1	25	\$11.50
10232669	3/8	1/2	1	25	\$9.23
10232701	1/2	5/8	1	100	\$3.28
10232711	1/2 X 1/2 X 1/4	5/8 X 5/8 X 3/8	1	25	\$16.90
10232709	1/2 X 1/2 X 3/8	5/8 X 5/8 X 1/2	1	25	\$16.90
10232771	3/4	7/8	1	50	\$7.92
10232797	3/4 X 1/2 X 1/2	7/8 X 5/8 X 5/8	1	25	\$9.33
10232792	3/4 X 1/2 X 3/4	7/8 X 5/8 X 7/8	1	25	\$9.33
10232747	3/4 X 3/4 X 3/8	7/8 X 7/8 X 1/2	1	50	\$10.61
10232775	3/4 X 3/4 X 1/2	7/8 X 7/8 X 5/8	1	50	\$7.61
10232819	1	1-1/8	1	15	\$24.46
10232840	1 X 3/4 X 3/4	1-1/8 X 7/8 X 7/8	1	15	\$29.18
10232829	1 X 1 X 1/2	1-1/8 X 1-1/8 X 5/8	1	15	\$24.55
10232825	1 X 1 X 3/4	1-1/8 X 1-1/8 X 7/8	1	15	\$24.55
10232867	1 1/4	1-3/8	1	10	\$33.10
10232875	1 1/4 X 1 1/4 X 3/4	1-3/8 X 1-3/8 X 7/8	1	10	\$35.76
10232873	1 1/4 X 1 1/4 X 1	1-3/8 X 1-3/8 X 1 1/8	1	10	\$35.76
10232911	1-1/2	1-5/8	1	10	\$51.03
10232922	1 1/2 X 1 1/2 X 1/2	1-5/8 X 1-5/8 X 5/8	1	10	\$37.97
10232919	1 1/2 X 1 1/2 X 3/4	1-5/8 X 1-5/8 X 7/8	1	10	\$37.97
10232917	1 1/2 X 1 1/2 X 1	1-5/8 X 1-5/8 X 1-1/8	1	10	\$37.97
10232971	2	2-1/8	1	5	\$79.57



**Kleen-Fit
107-L-2**

90° Street Elbow-Long Turn

FTG x C
Fitting to Copper

Non-Stock Items


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231795	3/8	1/2	1		\$17.89
10231815	3/4	7/8	1		\$15.71
10231832	1	1-1/8	1		\$26.77
10231837	1 1/4	1 3/8	1		\$39.11
10231251	1 1/2	1 5/8	1		\$55.80
10231855	2	2 1/8	1		\$90.98
10233479	2 1/2	2 5/8	1		\$175.40
10233255	3-1/2	3 5/8	1		\$926.19

Job Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10280020	1/2	5/8	10	100	\$30.83
10280024	3/4	7/8	10	50	\$74.45

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233071	1/4 X 1/8 X 1/4	3/8 X 1/4 X 3/8	1		\$24.38
10232651	1/4 X 1/4 X 1/8	3/8 X 3/8 X 1/4	1		\$18.50
10233085	3/8 X 1/4 X 1/4	1/2 X 3/8 X 3/8	1		\$25.85
10232190	3/8 X 3/8 X 1/8	1/2 X 1/2 X 1/4	1		\$18.28
10233084	3/8 X 3/8 X 1/4	1/2 X 1/2 X 3/8	1		\$18.28
10232183	1/2 X 3/8 X 3/8	5/8 X 1/2 X 1/2	1		\$23.64
10233086	1/2 X 1/2 X 1/8	5/8 X 5/8 X 1/4	1		\$19.97
10232707	1/2 X 1/2 X 3/4	5/8 X 5/8 X 7/8	1		\$15.20
10232703	1/2 X 1/2 X 1	5/8 X 5/8 X 1-1/8	1		\$32.47
10232734	5/8	3/4	1		\$21.12
10231269	3/4 X 3/8 X 3/8	7/8 X 1/2 X 1/2	1		\$17.54
10230141	3/4 X 1/2 X 3/8	7/8 X 5/8 X 1/2	1		\$15.74
10232780	3/4 X 3/4 X 1/4	7/8 X 7/8 X 3/8	1		\$10.89



**Kleen-Fit
110**

Eccentric Coupling

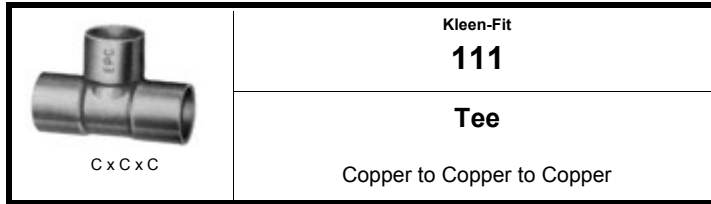
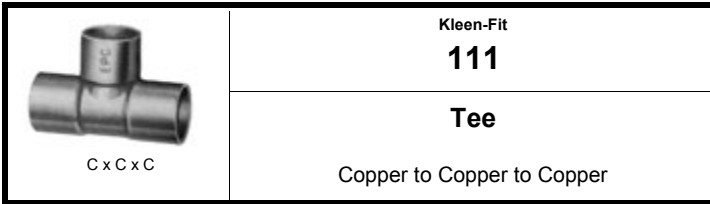
C x C
Copper to Copper

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231041	3/4 X 1/2	7/8 X 5/8	1		\$34.28
10231043	1 X 3/4	1 1/8 X 7/8	1		\$46.20
10231045	1 1/4 X 1	1 3/8 X 1 1/8	1		\$69.58



Kleen-Fit - Pressure Fittings



Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
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10233476	3/4 X 3/4 X 5/8	7/8 X 7/8 X 3/4	1		\$8.91
10232773	3/4 X 3/4 X 1	7/8 X 7/8 X 1-1/8	1		\$26.59
10232861	1 X 1/2 X 1/2	1-1/8 X 5/8 X 5/8	1		\$29.18
10232859	1 X 1/2 X 3/4	1-1/8 X 5/8 X 7/8	1		\$30.73
10232857	1 X 1/2 X 1	1-1/8 X 5/8 X 1-1/8	1		\$29.18
10232841	1 X 3/4 X 3/8	1-1/8 X 7/8 X 1/2	1		\$71.04
10232845	1 X 3/4 X 1/2	1-1/8 X 7/8 X 5/8	1		\$29.18
10232837	1 X 3/4 X 1	1-1/8 X 7/8 X 1-1/8	1		\$29.18
10232834	1 X 1 X 1/4	1-1/8 X 1-1/8 X 3/8	1		\$29.55
10233240	1 X 1 X 3/8	1-1/8 X 1-1/8 X 1/2	1		\$30.07
10232831	1 X 1 X 5/8	1 1/8 X 1 1/8 X 3/4	1		\$36.19
10232827	1 X 1 X 1-1/4	1-1/8 X 1-1/8 X 1-3/8	1		\$54.59
10232821	1 X 1 X 1-1/2	1-1/8 X 1-1/8 X 1-5/8	1		\$77.22
10233087	1-1/4 X 1/2 X 1-1/4	1-3/8 X 5/8 X 1-3/8	1		\$46.99
10232902	1-1/4 X 3/4 X 1/2	1-3/8 X 7/8 X 5/8	1		\$51.33
10232899	1-1/4 X 3/4 X 3/4	1-3/8 X 7/8 X 7/8	1		\$45.92
10232897	1-1/4 X 3/4 X 1	1-3/8 X 7/8 X 1-1/8	1		\$49.44
10232895	1-1/4 X 3/4 X 1-1/4	1-3/8 X 7/8 X 1-3/8	1		\$45.92
10232890	1-1/4 X 1 X 1/2	1-3/8 X 1-1/8 X 5/8	1		\$46.99
10232887	1-1/4 X 1 X 3/4	1-3/8 X 1-1/8 X 7/8	1		\$45.92
10232885	1-1/4 X 1 X 1	1-3/8 X 1-1/8 X 1-1/8	1		\$45.92
10232883	1-1/4 X 1 X 1-1/4	1-3/8 X 1-1/8 X 1-3/8	1		\$46.99
10232878	1-1/4 X 1-1/4 X 1/2	1-3/8 X 1-3/8 X 5/8	1		\$35.76
10232871	1-1/4 X 1-1/4 X 1-1/2	1-3/8 X 1-3/8 X 1-5/8	1		\$77.49
10232877	1-1/4 X 1-1/4 X 2	1-3/8 X 1-3/8 X 2-1/8	1		\$159.29
10232962	1-1/2 X 1/2 X 1-1/2	1-5/8 X 5/8 X 1-5/8	1		\$77.88
10230119	1-1/2 X 3/4 X 1/2	1-5/8 X 7/8 X 5/8	1		\$85.18
10232955	1-1/2 X 3/4 X 3/4	1-5/8 X 7/8 X 7/8	1		\$80.88
10232953	1-1/2 X 3/4 X 1	1-5/8 X 7/8 X 1-1/8	1		\$80.88
10232951	1-1/2 X 3/4 X 1-1/4	1-5/8 X 7/8 X 1-3/8	1		\$83.56
10232949	1-1/2 X 3/4 X 1-1/2	1-5/8 X 7/8 X 1-5/8	1		\$76.18
10232946	1-1/2 X 1 X 1/2	1-5/8 X 1-1/8 X 5/8	1		\$80.88
10232943	1-1/2 X 1 X 3/4	1-5/8 X 1-1/8 X 7/8	1		\$77.73
10232941	1-1/2 X 1 X 1	1-5/8 X 1-1/8 X 1-1/8	1		\$76.18
10232939	1-1/2 X 1 X 1-1/4	1-5/8 X 1-1/8 X 1-3/8	1		\$80.88
10232937	1-1/2 X 1 X 1-1/2	1-5/8 X 1-1/8 X 1-5/8	1		\$77.72
10233088	1-1/2 X 1-1/4 X 1/2	1-5/8 X 1-3/8 X 5/8	1		\$80.88
10232931	1-1/2 X 1-1/4 X 3/4	1-5/8 X 1-3/8 X 7/8	1		\$77.72
10232929	1-1/2 X 1-1/4 X 1	1-5/8 X 1-3/8 X 1-1/8	1		\$76.18
10232927	1-1/2 X 1-1/4 X 1-1/4	1-5/8 X 1-3/8 X 1-3/8	1		\$77.72
10232925	1-1/2 X 1-1/4 X 1-1/2	1-5/8 X 1-3/8 X 1-5/8	1		\$80.88
10232915	1-1/2 X 1-1/2 X 1-1/4	1-5/8 X 1-5/8 X 1-3/8	1		\$37.97

Non-Stock Items


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
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10232913	1-1/2 X 1-1/2 X 2	1-5/8 X 1-5/8 X 2-1/8	1		\$148.26
10233229	2 X 1/2 X 2	2-1/8 X 5/8 X 2-1/8	1		\$103.45
10233022	2 X 3/4 X 2	2-1/8 X 7/8 X 2-1/8	1		\$103.45
10233249	2 X 1 X 1	2-1/8 X 1-1/8 X 1-1/8	1		\$103.45
10233014	2 X 1 X 2	2-1/8 X 1-1/8 X 2-1/8	1		\$103.45
10233467	2 X 1 1/4 X 1/2	2 1/8 X 1 3/8 X 5/8	1		\$111.17
10232997	2 X 1-1/4 X 3/4	2-1/8 X 1-3/8 X 7/8	1		\$111.17
10233005	2 X 1-1/4 X 1	2-1/8 X 1-3/8 X 1-1/8	1		\$111.17
10233003	2 X 1-1/4 X 1-1/4	2-1/8 X 1-3/8 X 1-3/8	1		\$112.20
10233001	2 X 1-1/4 X 1-1/2	2-1/8 X 1-3/8 X 1-5/8	1		\$111.17
10232999	2 X 1-1/4 X 2	2-1/8 X 1-3/8 X 2-1/8	1		\$107.58
10259996	2 X 1-1/2 X 1/2	2-1/8 X 1-5/8 X 5/8	1		\$106.87
10232995	2 X 1-1/2 X 3/4	2-1/8 X 1-5/8 X 7/8	1		\$103.45
10232991	2 X 1-1/2 X 1	2-1/8 X 1-5/8 X 1-1/8	1		\$103.45
10230148	2 X 1-1/2 X 1-1/4	2-1/8 X 1-5/8 X 1-3/8	1		\$112.20
10232987	2 X 1-1/2 X 1-1/2	2-1/8 X 1-5/8 X 1-5/8	1		\$101.28
10232985	2 X 1-1/2 X 2	2-1/8 X 1-5/8 X 2-1/8	1		\$103.45
10232983	2 X 2 X 1/2	2-1/8 X 2-1/8 X 5/8	1		\$60.10
10232981	2 X 2 X 3/4	2-1/8 X 2-1/8 X 7/8	1		\$60.10
10232979	2 X 2 X 1	2-1/8 X 2-1/8 X 1-1/8	1		\$61.96
10232977	2 X 2 X 1-1/4	2-1/8 X 2-1/8 X 1-3/8	1		\$68.78
10232975	2 X 2 X 1-1/2	2-1/8 X 2-1/8 X 1-5/8	1		\$61.96
10232989	2 X 2 X 2-1/2	2-1/8 X 2-1/8 X 2-5/8	1		\$296.04
10233031	2-1/2	2-5/8	1		\$160.54
10232889	2-1/2 X 3/4 X 2-1/2	2-5/8 X 7/8 X 2-5/8	1		\$257.17
10232891	2-1/2 X 1 X 2-1/2	2-5/8 X 1-1/8 X 2-5/8	1		\$266.91
10233077	2-1/2 X 1-1/4 X 2-1/2	2-5/8 X 1-3/8 X 2-5/8	1		\$266.91
10233067	2-1/2 X 1-1/2 X 1-1/2	2-5/8 X 1-5/8 X 1-5/8	1		\$291.87
10233065	2-1/2 X 1-1/2 X 2	2-5/8 X 1-5/8 X 2-1/8	1		\$291.87
10233063	2-1/2 X 1-1/2 X 2-1/2	2-5/8 X 1-5/8 X 2-5/8	1		\$252.32
10233057	2-1/2 X 2 X 3/4	2-5/8 X 2-1/8 X 7/8	1		\$252.32
10233055	2-1/2 X 2 X 1	2-5/8 X 2-1/8 X 1-1/8	1		\$252.32
10233053	2-1/2 X 2 X 1-1/4	2-5/8 X 2-1/8 X 1-3/8	1		\$252.32
10230147	2-1/2 X 2 X 1-1/2	2-5/8 X 2-1/8 X 1-5/8	1		\$242.66
10233051	2-1/2 X 2 X 2	2-5/8 X 2-1/8 X 2-1/8	1		\$234.32
10230159	2-1/2 X 2 X 2-1/2	2-5/8 X 2-1/8 X 2-5/8	1		\$242.17
10233045	2-1/2 X 2-1/2 X 1/2	2-5/8 X 2-5/8 X 5/8	1		\$187.15
10233043	2-1/2 X 2-1/2 X 3/4	2-5/8 X 2-5/8 X 7/8	1		\$183.16
10233041	2-1/2 X 2-1/2 X 1	2-5/8 X 2-5/8 X 1-1/8	1		\$187.15
10233039	2-1/2 X 2-1/2 X 1-1/4	2-5/8 X 2-5/8 X 1-3/8	1		\$187.15
10233037	2-1/2 X 2-1/2 X 1-1/2	2-5/8 X 2-5/8 X 1-5/8	1		\$187.15
10233035	2-1/2 X 2-1/2 X 2	2-5/8 X 2-5/8 X 2-1/8	1		\$187.15






Kleen-Fit - Pressure Fittings

Kleen-Fit
111

Tee

C x C x C
Copper to Copper to Copper



Kleen-Fit
111

Tee

C x C x C
Copper to Copper to Copper

Non-Stock Items


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
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10233033	2-1/2 X 2-1/2 X 3	2-5/8 X 2-5/8 X 3-1/8	1		\$461.65
10233125	3	3-1/8	1		\$230.32
10233475	3 X 3/4 X 3	3 1/8 X 7/8 X 3 1/8	1		\$344.51
10233074	3 X 1 X 3	3-1/8 X 1-1/8 X 3-1/8	1		\$353.85
10233181	3 X 1-1/2 X 3	3-1/8 X 1-5/8 X 3-1/8	1		\$323.87
10233225	3 X 2 X 1	3-1/8 X 2-1/8 X 1-1/8	1		\$467.26
10233227	3 X 2 X 1-1/4	3-1/8 X 2-1/8 X 1-3/8	1		\$467.26
10231249	3 X 2 X 1-1/2	3-1/8 X 2-1/8 X 1-5/8	1		\$467.26
10233090	3 X 2 X 2	3-1/8 X 2-1/8 X 2-1/8	1		\$316.29
10233091	3 X 2 X 2-1/2	3-1/8 X 2-1/8 X 2-5/8	1		\$352.92
10233167	3 X 2 X 3	3-1/8 X 2-1/8 X 3-1/8	1		\$335.29
10231257	3 X 2 1/2 X 3/4	3 1/8 X 2 5/8 X 7/8	1		\$344.07
10233157	3 X 2-1/2 X 1	3-1/8 X 2-5/8 X 1-1/8	1		\$467.26
10259971	3 X 2-1/2 X 1-1/4	3-1/8 X 2-5/8 X 1-3/8	1		\$327.32
10233151	3 X 2-1/2 X 1-1/2	3-1/8 X 2-5/8 X 1-5/8	1		\$397.19
10233149	3 X 2-1/2 X 2	3-1/8 X 2-5/8 X 2-1/8	1		\$323.87
10230151	3 X 2-1/2 X 2-1/2	3-1/8 X 2-5/8 X 2-5/8	1		\$323.87
10230153	3 X 2-1/2 X 3	3-1/8 X 2-5/8 X 3-1/8	1		\$335.29
10233142	3 X 3 X 1/2	3-1/8 X 3-1/8 X 5/8	1		\$193.74
10233141	3 X 3 X 3/4	3-1/8 X 3-1/8 X 7/8	1		\$193.74
10233139	3 X 3 X 1	3-1/8 X 3-1/8 X 1-1/8	1		\$193.74
10233137	3 X 3 X 1-1/4	3-1/8 X 3-1/8 X 1-3/8	1		\$193.74
10233133	3 X 3 X 1-1/2	3-1/8 X 3-1/8 X 1-5/8	1		\$193.74
10233131	3 X 3 X 2	3-1/8 X 3-1/8 X 2-1/8	1		\$193.74
10233129	3 X 3 X 2-1/2	3-1/8 X 3-1/8 X 2-5/8	1		\$211.95
10233252	3-1/2	3-5/8	1		\$666.96
10233260	4	4-1/8	1		\$557.43
10233261	4 X 1 X 4	4-1/8 X 1-1/8 X 4-1/8	1		\$743.45
10233322	4 X 2 X 4	4-1/8 X 2-1/8 X 4-1/8	1		\$743.45
10233306	4 X 2-1/2 X 2-1/2	4-1/8 X 2-5/8 X 2-5/8	1		\$558.00
10233289	4 X 3 X 2	4-1/8 X 3-1/8 X 2-1/8	1		\$743.45
10233287	4 X 3 X 2-1/2	4-1/8 X 3-1/8 X 2-5/8	1		\$782.59
10233283	4 X 3 X 3	4-1/8 X 3-1/8 X 3-1/8	1		\$717.18
10233459	4 X 3 X 4	4 1/8 X 3 1/8 X 4 1/8	1		\$743.45
10233025	4 X 4 X 1/2	4-1/8 X 4-1/8 X 5/8	1		\$393.19
10232996	4 X 4 X 3/4	4-1/8 X 4-1/8 X 7/8	1		\$403.24
10233275	4 X 4 X 1	4-1/8 X 4-1/8 X 1-1/8	1		\$355.73
10230165	4 X 4 X 1-1/4	4-1/8 X 4-1/8 X 1-3/8	1		\$372.52
10232993	4 X 4 X 1-1/2	4-1/8 X 4-1/8 X 1-5/8	1		\$355.73
10233267	4 X 4 X 2	4-1/8 X 4-1/8 X 2-1/8	1		\$376.26
10233089	4 X 4 X 2-1/2	4-1/8 X 4-1/8 X 2-5/8	1		\$428.75
10233265	4 X 4 X 3	4-1/8 X 4-1/8 X 3-1/8	1		\$396.02

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
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10233402	5	5-1/8	1		\$1,708.21
10233407	5 X 5 X 3	5 1/8 X 5 1/8 X 3 1/8	1		\$1,622.84
10233422	6	6-1/8	1		\$2,334.49
10233448	6 X 4 X 4	6-1/8 X 4-1/8 X 4-1/8	1		\$2,464.24
10233201	6 X 6 X 1/2	6-1/8 X 6-1/8 X 5/8	1		\$2,436.01
10233442	6 X 6 X 3/4	6-1/8 X 6-1/8 X 7/8	1		\$2,436.01
10233447	6 X 6 X 1	6 1/8 X 6 1/8 X 1 1/8	1		\$2,436.01
10233433	6 X 6 X 1 1/4	6 1/8 X 6 1/8 X 1 3/8	1		\$2,436.01
10233203	6 X 6 X 1-1/2	6-1/8 X 6-1/8 X 1-5/8	1		\$2,436.01
10233435	6 X 6 X 2	6-1/8 X 6-1/8 X 2-1/8	1		\$2,217.80
10233431	6 X 6 X 2-1/2	6-1/8 X 6-1/8 X 2-5/8	1		\$2,217.80
10233429	6 X 6 X 3	6-1/8 X 6-1/8 X 3-1/8	1		\$2,334.49
10233427	6 X 6 X 4	6-1/8 X 6-1/8 X 4-1/8	1		\$2,334.49
10233455	8	8-1/8	1		\$9,905.47
10232193	8 X 6 X 6	8 1/8 X 6 1/8 X 6 1/8	1		\$9,959.20
10233488	8 X 8 X 2	8-1/8 X 8-1/8 X 2-1/8	1		\$10,422.97
10233465	8 X 8 X 2-1/2	8-1/8 X 8-1/8 X 2-5/8	1		\$9,901.81
10233458	8 X 8 X 5	8 1/8 X 8 1/8 X 5 1/8	1		\$9,901.81
10233457	8 X 8 X 6	8-1/8 X 8-1/8 X 6-1/8	1		\$9,901.81



Kleen-Fit
116


Fitting End Plug

For Fitting

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
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10232024	1/2	5/8	1	50	\$23.72
10232027	3/4	7/8	1	25	\$17.41



Kleen-Fit
117

Tube Cap

For Tube End

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
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10230627	1/2	5/8	1	100	\$1.40
10230631	3/4	7/8	1	50	\$2.60
10230633	1	1-1/8	1	25	\$6.17
10230635	1-1/4	1-3/8	1	20	\$8.18






Kleen-Fit - Pressure Fittings

**Kleen-Fit
117**

Tube Cap

For Tube End



**Kleen-Fit
118**

Fitting Reducer

Fitting to Copper

FTG. x C

Standard Pack


Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230637	1-1/2	1-5/8	1	10	\$11.98
10230639	2	2-1/8	1	10	\$22.08

Job Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10280022	1/2	5/8	25	100	\$32.90

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230623	1/4	3/8	1		\$1.68
10230629	3/8	1/2	1		\$2.67
10233231	5/8	3/4	1		\$3.34
10230641	2-1/2	2-5/8	1		\$70.51
10230645	3	3-1/8	1		\$90.84
10230648	4	4-1/8	1		\$171.33



**Kleen-Fit
118**

Fitting Reducer

Fitting to Copper

FTG. x C

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10232052	1/2 X 1/4	5/8 X 3/8	1	50	\$3.80
10232049	1/2 X 3/8	5/8 X 1/2	1	25	\$3.43
10232067	3/4 X 3/8	7/8 X 1/2	1	50	\$6.80
10232065	3/4 X 1/2	7/8 X 5/8	1	25	\$5.19
10232073	1 X 3/4	1-1/8 X 7/8	1	25	\$7.98
10232093	1-1/2 X 1	1-5/8 X 1 1/8	1	15	\$18.99

Job Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10280027	1/2 X 1/4	5/8 X 3/8	10	100	\$35.72

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233451	1/4 X 1/8	3/8 X 1/4	1		\$3.90
10232045	3/8 X 1/4	1/2 X 3/8	1		\$4.03
10232055	5/8 X 1/2	3/4 X 5/8	1		\$8.25
10232070	3/4 X 1/4	7/8 X 3/8	1		\$7.02
10233219	1 X 3/8	1-1/8 X 1/2	1		\$9.84
10232077	1 X 1/2	1-1/8 X 5/8	1		\$10.41
10232088	1-1/4 X 1/2	1-3/8 X 5/8	1		\$14.57


Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10232085	1-1/4 X 3/4	1-3/8 X 7/8	1		\$14.57
10232083	1-1/4 X 1	1-3/8 X 1-1/8	1		\$14.57
10232098	1-1/2 X 1/2	1-5/8 X 5/8	1		\$18.99
10232095	1-1/2 X 3/4	1-5/8 X 7/8	1		\$18.99
10232091	1-1/2 X 1-1/4	1-5/8 X 1-3/8	1		\$18.99
10232112	2 X 1/2	2-1/8 X 5/8	1		\$40.00
10232109	2 X 3/4	2-1/8 X 7/8	1		\$37.68
10232107	2 X 1	2-1/8 X 1-1/8	1		\$37.68
10232105	2 X 1-1/4	2-1/8 X 1-3/8	1		\$35.76
10232103	2 X 1-1/2	2-1/8 X 1-5/8	1		\$35.76
10232122	2-1/2 X 1	2-5/8 X 1-1/8	1		\$82.82
10232119	2-1/2 X 1-1/4	2-5/8 X 1-3/8	1		\$74.00
10233072	2-1/2 X 1-1/2	2-5/8 X 1-5/8	1		\$72.67
10232115	2-1/2 X 2	2-5/8 X 2-1/8	1		\$71.18
10232134	3 X 1-1/4	3-1/8 X 1-3/8	1		\$91.79
10232131	3 X 1-1/2	3-1/8 X 1-5/8	1		\$93.88
10232129	3 X 2	3-1/8 X 2-1/8	1		\$84.01
10230118	3 X 2-1/2	3-1/8 X 2-5/8	1		\$85.91
10232142	3-1/2 X 2	3-5/8 X 2-1/8	1		\$122.26
10232137	3-1/2 X 3	3-5/8 X 3-1/8	1		\$122.26
10232152	4 X 2	4-1/8 X 2-1/8	1		\$197.80
10232149	4 X 2 1/2	4 1/8 X 2 5/8	1		\$187.88
10232147	4 X 3	4-1/8 X 3-1/8	1		\$180.69
10232145	4 X 3-1/2	4-1/8 X 3-5/8	1		\$178.50
10233204	5 X 2	5 1/8 X 2 1/8	1		\$980.40
10232157	5 X 3	5-1/8 X 3-1/8	1		\$981.77
10232155	5 X 4	5-1/8 X 4-1/8	1		\$981.77
10232185	6 X 2	6 1/8 X 2 1/8	1		\$1,807.84
10232171	6 X 3	6-1/8 X 3-1/8	1		\$1,562.51
10232167	6 X 4	6-1/8 X 4-1/8	1		\$1,562.51
10232184	8 X 3	8-1/8 X 3-1/8	1		\$3,560.45
10232181	8 X 4	8-1/8 X 4-1/8	1		\$3,560.45
10232178	8 X 5	8 1/8 X 5 1/8	1		\$3,560.45
10233279	8 X 6	8-1/8 X 6-1/8	1		\$3,560.45





Kleen-Fit - Pressure Fittings

FTG. x C


**Kleen-Fit
119**

Flush Bushing

Fitting to Copper

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233210	3/8 X 1/4	1/2 X 3/8	1		\$3.15
10233208	1/2 X 3/8	5/8 X 1/2	1		\$3.99
10233211	5/8 X 1/2	3/4 X 5/8	1		\$4.87
10233027	3/4 X 1/2	7/8 X 5/8	1		\$7.43
10233021	1-1/4 X 1	1-3/8 X 1-1/8	1		\$13.98
10233453	1 1/2 X 1 1/4	1 5/8 X 1 3/8	1		\$18.39



FTG. x F


**Kleen-Fit
119-3**

Flush Bushing

Fitting to Female N.P.T.

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10230123	1/2 X 1/8	5/8 X 1/4	1		\$11.09
10230125	1/2 X 1/4	5/8 X 3/8	1		\$11.64



C x C


**Kleen-Fit
123**

Suction-Line P-Trap

Copper to Copper

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10232177	1/2	5/8	1		\$57.94
10233487	5/8	3/4	1		\$86.36
10232179	3/4	7/8	1		\$64.46
10233477	1 1/4	1 3/8	1		\$176.31
10233473	1 1/2	1 5/8	1		\$267.68



C x C


**Kleen-Fit
136**

Cross-Over Coupling

Copper to Copper

Standard Pack

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10231071	1/2	5/8	1	25	\$32.39



C x C


**Kleen-Fit
136**

Cross-Over Coupling

Copper to Copper

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10233461	3/4	7/8	1		\$122.53



C x C

**Kleen-Fit
138**

Return Bend

Copper to Copper

Non-Stock Items

Elkhart #	Nominal Size	O.D. Size	BX/BG	Master	List
10232175	1/2 X 1 1/2	5/8 X 1 1/2	1		\$16.06
10232339	1/2 X 2 1/2	5/8 X 2 1/2	1		\$16.12
10233281	3/4 X 2-1/2	7/8 X 2-1/2	1		\$28.71
10232173	1 X 3	1 1/8 X 3	1		\$57.99





Kleen-Fit - Pressure Fittings



Minimum Billing - \$50.00

CONDITIONS OF SALE

PRICES: All prices and conditions are subject to change without notice and all quotations, unless otherwise specified, are binding only for immediate acceptance. Published prices are based on material made to EPC's standard tolerances and dimensions. All orders are subject to acceptance by the home office. Order accepted will be on the basis of price in effect on the date of shipment.

FREIGHT: Freight will be allowed on single shipments of 600 pounds or more to any one destination in the United States, except Alaska and Hawaii. However, two or more orders may be combined in one shipment for freight allowance. On freight allowed shipments the consignor reserves the right to control the routing and use the route having the lowest published rate.

RETURN OF GOODS: No material is to be returned without our written permission. A minimum handling and inspection charge of 25% will be levied on all approved returned goods, plus transportation charges both ways. Returns will not be accepted for bagged product that has been opened.

WARRANTY

Elkhart Products Corporation warrants that all fittings will be free from defects in material and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

LIABILITY POLICY

PART A

EXCEPT AS EXPRESSLY STATED ON THIS DOCUMENT, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE OR OTHERWISE, ON ANY PRODUCT, OR ON ANY PARTS OR LABOR FURNISHED DURING THE SALE, DELIVERY OR SERVICING OF ANY PRODUCT.

PART B

Except as expressly stated on this document, Seller shall not be liable to the Buyer or to any other person, firm, or corporation for any incidental or consequential loss, damage, or injury arising out of any breach of warranty or any other act or default relating to Buyer's order or to product or services provided to Buyer, even if any such loss, damage, or injury is caused by Seller's negligence. The correction of defects as provided in the warranty statement above shall constitute Seller's full obligation with respect to all claims and Seller's liability shall in no event exceed the unit purchase price of the product in question.

Any lawsuit or other action based upon breach of this contract or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller by Buyer) must be commenced within one year from the date of the tender of delivery by Seller or, in the case of a cause of action based upon an alleged breach of warranty, within one year from the date within the warranty period on which the defect is or should have been discovered by Buyer.

WROUGHT COPPER FITTINGS FOR MEDICAL GAS SERVICE

Elkhart Products Corporation supplies "cleaned and bagged" wrought copper fittings for use in the medical gas service. The objective is to be certain the fittings are free of petroleum based contaminants and remain that way until they reach the job site.

EPC copper fittings are cleaned using automated vibratory burnishing or a combination of rotary drum and vibratory burnishing systems. Parts are thoroughly rinsed in clear water and an inhibitor solution is applied. This is an aromatic compound which forms a monomolecular film when dried with a blow drying system free of oils. This film prevents tarnishing during storage.

Parts for medical gas are inspected during the packaging process. The parts are sealed in a plastic bag and packed into a cardboard box for shipment.

Cleaning is done to standards set forth in NFPA 99 and CGA G-4.1.

Elkhart Products Corporation provided "cleaned and bagged" parts that meet or exceed the standards listed above, however; EPC has no control of the methods of storing, handling or installing the fittings after they have left our facility.



Elkhart Products Corporation

For the perfect fit



**AIR CONDITIONING AND REFRIGERATION
WROT COPPER FITTINGS**





Aalberts Industries Strengthening Flow Control Market Position in North America

Aalberts Industries is an international group of industrial companies with two, mutually reinforcing, core activities: Industrial Services and Flow Control. The group companies are leading players in their respective markets and constantly strive to strengthen this position.

Flow Control's core activity is the development, production and assembly of products and systems for the distribution and regulation of liquids and gases. There is a continuous focus on a complete portfolio of products for residential new-build, renovation and maintenance, commercial buildings, utility networks, district heating, fire protection and security, irrigation systems, the beer and soft drinks industry, and other industries.

Aalberts Industries' products and systems are supplied worldwide to wholesalers, OEMs, utility companies (water and gas), district heating and various other industries. Due to its complete portfolio, market-oriented regional approach, widespread geographical presence and use of high-quality, efficient production technologies, Aalberts Industries ranks among the global market leaders in this field.

Aalberts Industries continuously strengthens its leading market positions through a combination of profitable organic growth and the selective acquisition of complementary companies that fit within the strategy. At the end of 2009, Aalberts Industries employed around 10,000 people who worked in more than 140 group companies in over 30 countries.



**Elkhart
Products
Corporation**

Elkhart Products Corporation A Proud History, An Exciting Future

From its start in 1940 as a small manufacturer of screw machine products, Elkhart Products Corporation (EPC) has built a reputation for quality products and quality personnel. As the company expanded in the early 1950s and became a fabricator of various copper and aluminum tubular components, it also became known for its innovation and service.

Expansion continued with the purchase of machinery from Chase Brass and Copper Company in the late 1950s and wrot copper tube fittings for the plumbing industry were added to the product line. Growth continued with the construction of plants in Fayetteville, Arkansas and in Geneva, Indiana in the 1960s.

Over the last five years, Elkhart Products has branched into engineered fittings. EPC engineered fitting brands include TECTITE™, CopperBite and CopperLoc™ Sprint push-fit fittings, as well as APOLLOXPRESS™ press-fit fittings.

Today, EPC is part of Aalberts Industries N.V. and enjoys the distinction of being one of the world's largest manufacturers of wrot copper fittings. It's also recognized as a versatile supplier of custom fabricated tubular products to original equipment manufacturers in several industries, including automotive, and air conditioning and refrigeration.

The EPC corporate office in Elkhart, Indiana houses sales, accounting, engineering, data processing and experimental labs. Production activities here include the manufacture of a major portion of the wrot fitting line and the cleaning and boxing of all wrot fittings.



LASCO Fittings, Inc.

Providing the Highest Level of Integrity, Value and Service

In business since 1947, LASCO Fittings, Inc. is the industry leader in the production of plastic pipe fittings. LASCO's vast product line consists of DWV, Schedule 40, Schedule 80 and HVAC fittings, ranging from ½ inch through 12 inch sizes. LASCO is headquartered in a 500,000 square foot state-of-the-art manufacturing facility located in Western Tennessee. This location is ideally located in proximity to the customer base and to the petro-chemical industry for raw material procurement. The company also houses an engineering and machine shop, where tooling, molds and new products are designed and constructed.

Recently, LASCO has expanded their plumbing and industrial product lines in large diameter configurations. In plumbing, DWV is now available through 12 inches, with a complete line of large diameter (molded) wyes. In Schedule 80, the company recently introduced 10 inch and 12 inch PVC fittings.

LASCO services its customer base through distribution centers strategically located throughout the United States. The plumbing product line is readily available through Elkhart Products Corporation, its sister company. Together, Elkhart Products and LASCO can now supply the plumbing market with a complete package of metal and plastic fittings.



Conbraco Industries, Inc.

American-Made Success Since 1928

Conbraco Industries was created when two Detroit-based manufacturers of brass valves and fittings merged in 1928 forming Consolidated Brass Company. The company now known as Apollo® Valves earned a reputation for developing new products to meet emerging market demands.

In 1968, the company introduced its Apollo® Series 70 ball valve to the commercial market. A revolutionary innovation at the time, the product became the most specified ball valve in the world. Line extensions have resulted in new materials, new sizes and new applications for the classic Apollo® ball valve.

Conbraco was founded by Clarence Mosack, grandfather of company executive vice president of sales Cal Mosack, president Glenn Mosack and vice president of marketing Carole Mosack Lee. They assumed control of the company after their father Carl Mosack retired as president in 2001. The Mosack family has led the company for three generations.

Nearly all Apollo® valves are produced in U.S. facilities, including ISO-registered, state-of-the-art foundries and manufacturing facilities in Pageland and Conway, S.C. The company's headquarters is located in Matthews, N.C.

The company is constantly developing and introducing new products. By focusing on problem-solving innovations, U.S.-made quality, and the best delivery and fill rates in the industry, Apollo® Valves will continue to thrive.



***Elkhart
Products
Corporation***



ELKHART, IN - Corporate



GENEVA, IN



FAYETTEVILLE, AR

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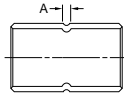
NIBCO to EPC

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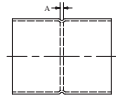
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100 Coupling with Stop C x C



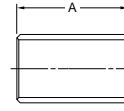
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020622	3/8	0.008	50	1000	3/32			
10020890	1/2	0.015	50	1000	3/32			
10020155	5/8	0.024	100	1000	3/32			
10020156	3/4	0.041	25	500	3/32			
10020157	7/8	0.056	50	500	3/32			
10020992	1	0.009	10	200	3/32			
10020158	1 1/8	0.122	25	250	3/32			
10020159	1 3/8	0.144	20	200	3/32			
10020160	1 5/8	0.216	10	100	3/32			
10020161	2 1/8	0.391	5	50	3/32			
10020162	2 5/8	0.624	5	50	3/32			
10020163	3 1/8	0.909	5	40	3/32			
10020164	3 5/8	1.369	1	16	3/32			
10020165	4 1/8	1.966	2	16	3/32			
10020166	5 1/8	3.365	1	6	3/16			
10020167	6 1/8	5.262	1	6	3/16			
10020168	8 1/8	12.941	1	1	1/8			

100-RS Coupling with Roll Stop C x C



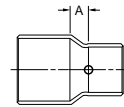
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020109	3/16	0.002	50	1000	1/16			
10020956	1/4	0.004	50	1000	1/16			
10020110	5/16	0.006	50	1000	1/16			
10020694	3/8	0.007	50	1000	3/32			
10020690	1/2	0.015	50	1000	3/32			
10020603	5/8	0.027	100	1000	3/32			
10020604	3/4	0.041	25	500	3/32			
10020122	7/8	0.056	50	500	3/32			
10020606	1	0.084	10	200	3/32			
10020608	1 1/8	0.122	25	250	3/32			
10020610	1 3/8	0.149	20	200	3/32			
10020612	1 5/8	0.213	10	100	3/32			
10020614	2 1/8	0.391	5	50	3/32			

101 Coupling without Stop C x C




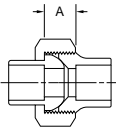
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020624	1/4	0.004	50	1000	1/16			
10020169	3/8	0.008	50	1000	23/32			
10020170	1/2	0.015	50	1000	55/64			
10020171	5/8	0.027	100	1000	13/32			
10020172	3/4	0.041	25	500	121/64			
10020173	7/8	0.056	50	500	119/32			
10020174	1 1/8	0.122	25	250	129/32			
10020175	1 3/8	0.149	20	200	21/32			
10020176	1 5/8	0.213	10	100	217/64			
10020616	2 1/8	0.391	5	50	249/64			
10020178	2 5/8	0.616	5	50	31/32			
10020179	3 1/8	0.912	5	40	313/32			
10020180	3 5/8	1.352	1	16	329/32			
10020339	4 1/8	1.878	2	16	413/32			


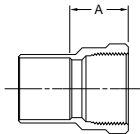
101-R Reducer Coupling with Stop C x C


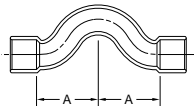



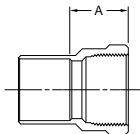
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020991	1/4 x 3/16	0.008	50	1000	3/32			
10020111	5/16 x 1/4	0.007	50	1000	3/32			
10020625	3/8 x 1/4	0.008	50	1000	5/32			
10020112	3/8 x 5/16	0.008	50	1000	3/32			
10020114	1/2 x 1/4	0.019	50	1000	1/4			
10020113	1/2 x 3/8	0.017	50	1000	3/16			
10020117	5/8 x 1/4	0.027	50	1000	23/64			
10020116	5/8 x 3/8	0.026	50	1000	1/4			
10020115	5/8 x 1/2	0.024	50	1000	5/32			
10020120	3/4 x 3/8	0.043	25	500	5/16			
10020119	3/4 x 1/2	0.033	25	500	7/32			
10020118	3/4 x 5/8	0.040	25	500	5/32			
10020125	7/8 x 3/8	0.053	50	500	7/16			
10020124	7/8 x 1/2	0.054	50	500	21/64			
10020123	7/8 x 5/8	0.061	50	500	3/16			
10020121	7/8 x 3/4	0.065	50	500	3/16			

101-R Reducer Coupling with Stop (Continued) C x C								
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020129	1 1/8 x 1/2	0.098	25	250	1/2			
10020128	1 1/8 x 5/8	0.104	25	250	7/16			
10020127	1 1/8 x 3/4	0.102	25	250	3/8			
10020126	1 1/8 x 7/8	0.098	25	250	13/32			
10020132	1 3/8 x 5/8	0.176	10	100	41/64			
10020131	1 3/8 x 7/8	0.134	10	100	15/32			
10020130	1 3/8 x 1 1/8	0.152	10	100	5/16			
10020136	1 5/8 x 5/8	0.219	10	100	25/32			
10020135	1 5/8 x 7/8	0.218	10	100	21/32			
10020134	1 5/8 x 1 1/8	0.220	10	100	7/16			
10020133	1 5/8 x 1 3/8	0.220	10	100	11/32			
10020141	2 1/8 x 5/8	0.420	10	100	1 1/8			
10020140	2 1/8 x 7/8	0.408	10	100	1			
10020139	2 1/8 x 1 1/8	0.383	10	100	25/32			
10020138	2 1/8 x 1 3/8	0.393	10	100	21/32			
10020137	2 1/8 x 1 5/8	0.366	10	100	13/32			
10020145	2 5/8 x 1 1/8	0.691	5	50	1 1/8			
10020144	2 5/8 x 1 3/8	0.664	5	50	15/16			
10020143	2 5/8 x 1 5/8	0.666	5	50	7/8			
10020142	2 5/8 x 2 1/8	0.639	5	50	15/32			
10020148	3 1/8 x 1 5/8	1.106	2	20	15/32			
10020147	3 1/8 x 2 1/8	0.991	2	20	13/16			
10020146	3 1/8 x 2 5/8	0.946	2	20	1/2			
10020149	3 5/8 x 3 1/8	1.426	1	16	1/2			
10020153	4 1/8 x 2 1/8	2.192	2	32	1 1/2			
10020152	4 1/8 x 2 5/8	2.029	2	32	1 1/8			
10020151	4 1/8 x 3 1/8	1.940	2	32	7/8			
10020150	4 1/8 x 3 5/8	1.960	2	32	17/32			
10020154	5 1/8 x 4 1/8	3.310	1	6	25/32			

102 Union C x C								
								
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020333	3/8	0.113	25	500	13/32			
10020594	1/2	0.131	25	250	27/64			
10020595	5/8	0.114	25	250	1/2			
10020596	7/8	0.257	20	200	21/32			
10020597	1 1/8	0.557	10	100	7/16			
10020598	1 3/8	0.698	5	50	7/16			
10020334	1 5/8	0.878	5	50	29/64			
10020336	2 1/8	1.499	2	20	15/32			

103 Female Adapter C x F								
								
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020000	1/4	0.033	50	1000	1/2			
10020002	3/8	0.043	50	1000	21/32			
10020006	1/2	0.082	50	500	7/8			
10020012	3/4	0.143	25	250	1			

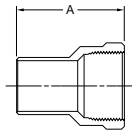
136 Cross-Over Coupling C x C								
								
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020544	5/8	0.090	5	50	1 19/64			
10020181	7/8	0.198	5	50	1 23/32			

103-R Female Reducing Adapter C x F								
								
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020500	1/4 x 1/8	0.029	50	1000	7/16			
10020003	3/8 x 1/8	0.024	50	1000	11/32			
10020666	3/8 x 1/4	0.031	50	1000	15/32			
10020001	3/8 x 1/2	0.078	50	500	25/32			
10020007	1/2 x 1/4	0.041	50	1000	15/32			
10020004	1/2 x 3/8	0.052	50	500	19/32			
10020005	1/2 x 3/4	0.121	25	250	3/4			
10020011	5/8 x 1/4	0.047	50	500	15/32			
10020010	5/8 x 3/8	0.048	50	500	9/16			

103-R Female Reducing Adapter (Continued) C x F

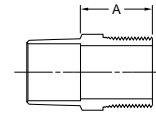
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020008	5/8 x 1/2	0.093	50	500	7/8			
10020009	5/8 x 3/4	0.121	25	250	29/32			
10020013	3/4 x 1/2	0.102	25	250	3/4			
10020016	7/8 x 1/2	0.088	25	250	19/32			
10020014	7/8 x 3/4	0.142	25	250	23/32			
10020015	7/8 x 1	0.218	20	200	17/32			
10020020	1 1/8 x 1/2	0.239	10	100	1 1/16			
10020019	1 1/8 x 3/4	0.159	25	250	43/64			
10020017	1 1/8 x 1	0.226	20	200	31/32			
10020018	1 1/8 x 1 1/4	0.299	10	100	17/32			
10020023	1 3/8 x 1	0.238	10	100	55/64			
10020021	1 3/8 x 1 1/4	0.369	10	100	13/32			
10020022	1 3/8 x 1 1/2	0.431	10	100	119/64			
10020501	1 5/8 x 1 1/4	0.388	10	100	7/8			
10020024	1 5/8 x 1 1/2	0.404	10	100	15/32			
10020025	1 5/8 x 2	0.678	5	50	17/16			
10020502	2 1/8 x 1 1/2	0.730	5	50	13/16			
10020026	2 1/8 x 2	0.667	5	50	1 1/4			
10020027	2 5/8 x 2 1/2	1.228	2	20	1 1/2			

103-2-R Female Reducing Street Adapter FTG x F



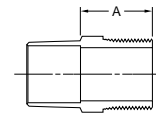
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020028	3/8 x 1/4	0.030	50	1000	29/32			
10020029	1/2 x 3/8	0.049	50	1000	1 1/16			
10020503	5/8 x 1/4	0.047	50	500	59/64			
10020177	5/8 x 3/8	0.062	50	500	1 1/8			
10020030	5/8 x 1/2	0.088	50	500	1 3/8			
10020031	7/8 x 3/4	0.143	25	250	1 11/16			
10020032	1 1/8 x 1	0.214	20	200	1 31/32			
10020033	1 3/8 x 1 1/4	0.324	10	100	2 5/32			
10020034	1 5/8 x 1 1/2	0.437	10	100	27/16			
10020035	2 1/8 x 2	0.641	5	50	2 19/32			

104 Male Adapter C x M



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020038	1/4	0.034	50	1000	7/16			
10020041	3/8	0.060	50	1000	63/64			
10020045	1/2	0.072	50	500	15/16			
10020052	3/4	0.129	25	250	1 1/8			

104-R Male Reducing Adapter C x M

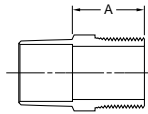


Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020036	1/4 x 1/8	0.019	50	1000	13/32			
10020037	1/4 x 3/8	0.043	50	1000	3/4			
10020042	3/8 x 1/8	0.014	50	1000	17/32			
10020039	3/8 x 1/4	0.027	50	1000	15/32			
10020040	3/8 x 1/2	0.069	50	500	7/8			
10020046	1/2 x 1/4	0.039	50	1000	5/8			
10020043	1/2 x 3/8	0.041	50	500	7/8			
10020044	1/2 x 3/4	0.143	25	250	1 11/32			
10020051	5/8 x 1/4	0.059	50	500	5/8			
10020050	5/8 x 3/8	0.053	50	500	47/64			
10020047	5/8 x 1/2	0.064	50	500	19/32			
10020049	5/8 x 3/4	0.135	25	250	19/16			
10020048	5/8 x 1	0.240	20	200	1			
10020053	3/4 x 1/2	0.075	25	500	1 1/16			
10020056	7/8 x 1/2	0.106	25	250	53/64			
10020054	7/8 x 3/4	0.118	25	250	19/16			
10020055	7/8 x 1	0.234	20	200	7/8			
10020061	1 1/8 x 1/2	0.176	25	250	31/32			
10020060	1 1/8 x 3/4	0.206	25	250	13/32			
10020057	1 1/8 x 1	0.170	20	200	27/32			
10020059	1 1/8 x 1 1/4	0.399	10	100	1 21/32			
10020058	1 1/8 x 1 1/2	0.544	10	100	1 29/32			
10020065	1 3/8 x 3/4	0.273	10	100	1			
10020064	1 3/8 x 1	0.304	10	100	1 1/4			
10020062	1 3/8 x 1 1/4	0.317	10	100	15/16			
10020063	1 3/8 x 1 1/2	0.523	10	100	1 45/64			
10020069	1 5/8 x 1	0.435	10	100	1 9/64			
10020068	1 5/8 x 1 1/4	0.386	10	100	1 27/64			

104-R Male Reducing Adapter (Continued) C x M

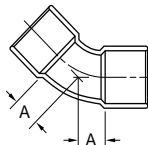
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020066	1 $\frac{5}{8}$ x 1 $\frac{1}{2}$	0.462	10	100	$\frac{7}{8}$			
10020067	1 $\frac{5}{8}$ x 2	0.772	5	50	1 $\frac{25}{32}$			
10020071	2 $\frac{1}{8}$ x 1 $\frac{1}{4}$	0.631	5	50	1 $\frac{3}{4}$			
10020504	2 $\frac{1}{8}$ x 1 $\frac{1}{2}$	0.650	5	50	1 $\frac{23}{64}$			
10020070	2 $\frac{1}{8}$ x 2	0.675	5	50	3 $\frac{1}{32}$			
10020072	2 $\frac{5}{8}$ x 2 $\frac{1}{2}$	1.267	4	40	1 $\frac{21}{32}$			
10020073	3 $\frac{1}{8}$ x 3	1.520	2	20	1 $\frac{7}{32}$			
10020074	4 $\frac{1}{8}$ x 4	2.262	1	16	1 $\frac{9}{32}$			

104-2-R Male Reducing Street Adapter FTG x M



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020075	$\frac{3}{8}$ x $\frac{1}{4}$	0.033	50	1000	1 $\frac{1}{16}$			
10020076	$\frac{1}{2}$ x $\frac{3}{8}$	0.049	50	1000	1 $\frac{3}{16}$			
10020241	$\frac{5}{8}$ x $\frac{3}{8}$	0.053	50	500	---			
10020077	$\frac{5}{8}$ x $\frac{1}{2}$	0.074	50	500	1 $\frac{7}{16}$			
10020505	$\frac{5}{8}$ x $\frac{3}{4}$	0.153	25	250	---			
10020506	$\frac{7}{8}$ x $\frac{1}{2}$	0.093	25	250	1 $\frac{23}{32}$			
10020078	$\frac{7}{8}$ x $\frac{3}{4}$	0.143	25	250	1 $\frac{27}{32}$			
10020079	1 $\frac{1}{8}$ x 1	0.232	20	200	2 $\frac{5}{23}$			
10020080	1 $\frac{3}{8}$ x 1 $\frac{1}{4}$	0.444	10	100	2 $\frac{1}{2}$			
10020081	1 $\frac{5}{8}$ x 1 $\frac{1}{2}$	0.508	10	100	2 $\frac{13}{16}$			
10020082	2 $\frac{1}{8}$ x 2	0.749	5	50	2 $\frac{13}{16}$			

106 45° Elbow C x C

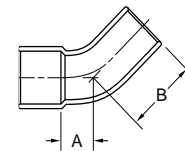


Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020182	$\frac{1}{4}$	0.006	50	1000	$\frac{1}{8}$			
10020183	$\frac{3}{8}$	0.013	50	1000	1 $\frac{5}{64}$			
10020184	$\frac{1}{2}$	0.024	50	1000	$\frac{1}{4}$			
10020185	$\frac{5}{8}$	0.034	100	1000	1 $\frac{7}{64}$			
10020186	$\frac{3}{4}$	0.056	25	250	$\frac{5}{16}$			
10020187	$\frac{7}{8}$	0.076	50	500	$\frac{3}{8}$			
10020188	1 $\frac{1}{8}$	0.137	25	250	1 $\frac{3}{32}$			

106 45° Elbow (Continued) C x C

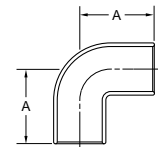
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020189	1 $\frac{3}{8}$	0.229	25	200	3 $\frac{3}{64}$			
10020190	1 $\frac{5}{8}$	0.343	20	160	1 $\frac{9}{32}$			
10020191	2 $\frac{1}{8}$	0.625	10	80	2 $\frac{5}{32}$			
10020192	2 $\frac{5}{8}$	0.970	5	40	$\frac{7}{8}$			
10020193	3 $\frac{1}{8}$	1.460	3	24	6 $\frac{3}{64}$			
10020194	3 $\frac{5}{8}$	2.180	1	16	1 $\frac{5}{32}$			
10020195	4 $\frac{1}{8}$	3.800	1	8	1 $\frac{11}{64}$			

106-2 45° Street Elbow FTG x C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020196	$\frac{3}{8}$	0.013	50	1000	1 $\frac{5}{16}$	4 $\frac{1}{64}$		
10020197	$\frac{1}{2}$	0.024	50	1000	9 $\frac{3}{32}$	2 $\frac{3}{32}$		
10020198	$\frac{5}{8}$	0.033	100	1000	5 $\frac{1}{16}$	2 $\frac{5}{32}$		
10020199	$\frac{3}{4}$	0.056	25	250	5 $\frac{1}{16}$	1		
10020200	$\frac{7}{8}$	0.076	50	500	1 $\frac{3}{32}$	1 $\frac{3}{16}$		
10020201	1 $\frac{1}{8}$	0.134	25	250	7 $\frac{1}{16}$	1 $\frac{7}{16}$		
10020202	1 $\frac{3}{8}$	0.229	25	200	1 $\frac{7}{32}$	1 $\frac{9}{16}$		
10020203	1 $\frac{5}{8}$	0.343	20	160	1 $\frac{9}{32}$	1 $\frac{3}{4}$		
10020204	2 $\frac{1}{8}$	0.625	10	80	1 $\frac{1}{16}$	2 $\frac{3}{32}$		
10020205	2 $\frac{5}{8}$	0.965	5	40	2 $\frac{9}{32}$	2 $\frac{7}{16}$		
10020206	3 $\frac{1}{8}$	1.470	3	24	1	2 $\frac{1}{16}$		
10020207	3 $\frac{5}{8}$	2.100	1	16	1 $\frac{5}{32}$	3		
10020627	4 $\frac{1}{8}$	3.340	1	8	1 $\frac{9}{32}$	3 $\frac{1}{2}$		

105-C 90° Street Elbow - Close Ruff FTG x FTG

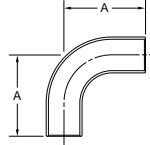


Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020601	$\frac{1}{4}$	0.008	25	500	$\frac{5}{8}$			
10020245	$\frac{3}{8}$	0.013	25	500	2 $\frac{7}{32}$			
10020246	$\frac{1}{2}$	0.029	25	500	1 $\frac{5}{16}$			
10020247	$\frac{5}{8}$	0.043	25	500	1 $\frac{1}{32}$			
10020508	$\frac{3}{4}$	0.073	10	200	1 $\frac{1}{4}$			
10020628	$\frac{7}{8}$	0.086	25	250	1 $\frac{13}{32}$			

105-C 90° Street Elbow - Close Ruff (Continued) FTG x FTG

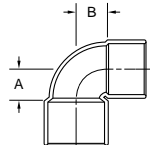
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020630	1½	0.166	10	100	1 ²¹ / ₃₂			
10020896	1¾	0.269	5	50	1 ²⁹ / ₃₂			

105-L 90° Street Elbow - Long Turn FTG x FTG



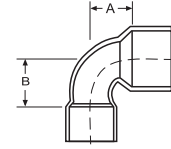
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020279	½	0.033	25	500	1 ³ / ₁₆			
10020280	5/8	0.057	25	250	1 ⁷ / ₁₆			
10020632	7/8	0.138	25	250	2			
10020634	1½	0.251	10	100	2 ¹⁵ / ₁₆			
10020509	1¾	0.396	5	50	2 ²⁹ / ₃₂			
10020510	1¾	0.563	5	50	3 ⁵ / ₁₆			
10020645	2½	1.156	5	40	4 ³ / ₈			

107-C 90° Elbow - Close Ruff C x C



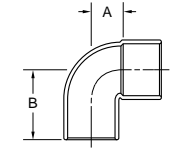
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020208	¼	0.008	50	1000	3/8	3/8		
10020209	3/8	0.012	50	1000	3/8	3/8		
10020210	½	0.026	50	1000	1 ³ / ₃₂	1 ³ / ₃₂		
10020211	5/8	0.038	100	1000	2 ⁵ / ₆₄	2 ⁵ / ₆₄		
10020213	¾	0.069	25	250	1 ⁷ / ₃₂	1 ⁷ / ₃₂		
10020215	7/8	0.096	50	500	9/16	9/16		
10020626	1½	0.208	20	200	4 ⁷ / ₆₄	4 ⁷ / ₆₄		
10020219	1¾	0.259	25	200	1 ⁵ / ₁₆	1 ⁵ / ₁₆		
10020221	1¾	0.371	20	120	1 ¹¹ / ₆₄	1 ¹¹ / ₆₄		
10020223	2½	0.848	10	60	1 ²⁹ / ₆₄	1 ²⁹ / ₆₄		
10020225	2¾	1.248	5	40	1 ²¹ / ₃₂	1 ²¹ / ₃₂		
10020227	3½	1.943	3	24	1 ⁶¹ / ₆₄	1 ⁶¹ / ₆₄		
10020229	3¾	2.728	1	8	2 ⁷ / ₃₂	2 ⁷ / ₃₂		
10020230	4½	4.557	1	8	2 ¹⁷ / ₃₂	2 ¹⁷ / ₃₂		
10020512	6½	15.200	1	1	3 ¹³ / ₁₆	3 ¹³ / ₁₆		

107-C-R 90° Reducing Elbow - Close Ruff C x C



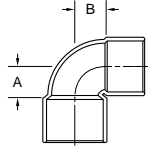
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020513	3/8 x 1/4	0.012	50	1000	1 ³ / ₃₂	5/16		
10020894	1/2 x 3/8	0.027	50	1000	5/8	3 ⁹ / ₆₄		
10020664	5/8 x 3/8	0.034	50	500	1 ¹ / ₁₆	4 ³ / ₆₄		
10020212	5/8 x 1/2	0.042	50	500	4 ³ / ₆₄	5/8		
10020214	3/4 x 5/8	0.077	25	250	3 ¹ / ₃₂	7/8		
10020216	7/8 x 5/8	0.073	50	500	5/8	1 ⁵ / ₃₂		
10020218	1½ x 5/8	0.129	25	250	1½	7/8		
10020217	1½ x 7/8	0.146	25	250	¾	1 ⁹ / ₃₂		
10020220	1¾ x 1½	0.229	10	100	7/8	1 ¹ / ₁₆		
10020222	1¾ x 1¾	0.338	10	100	1 ⁹ / ₆₄	5 ⁵ / ₆₄		
10020224	2½ x 1¾	0.602	5	40	1½	1 ¹³ / ₆₄		
10020226	2¾ x 2½	1.128	5	40	1¾	1½		
10020228	3½ x 2¾	1.598	3	24	2 ³ / ₃₂	1¾		

107-C-2 90° Street Elbow - Close Ruff FTG x C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020231	¼	0.006	50	1000	3/8	4 ⁹ / ₆₄		
10020232	3/8	0.012	50	1000	3/8	3/4		
10020233	½	0.027	50	1000	1 ³ / ₃₂	1 ⁵ / ₁₆		
10020234	5/8	0.036	100	1000	2 ⁹ / ₆₄	1 ¹ / ₃₂		
10020235	¾	0.061	25	250	1 ⁷ / ₃₂	1 ⁷ / ₃₂		
10020236	7/8	0.103	50	500	1 ⁹ / ₃₂	1 ¹³ / ₃₂		
10020237	1½	0.193	20	200	2 ¹ / ₃₂	1 ²¹ / ₃₂		
10020238	1¾	0.259	25	200	7/8	1 ²⁹ / ₃₂		
10020239	1¾	0.392	20	120	1 ¹¹ / ₆₄	2 ³ / ₈		
10020240	2½	0.805	10	60	1 ²⁹ / ₆₄	2 ²⁷ / ₃₂		
10020242	2¾	1.187	5	40	1¾	3 ²¹ / ₆₄		
10020243	3½	1.920	3	24	2	3 ²⁵ / ₃₂		
10020244	3¾	2.798	1	8	2 ¹⁵ / ₆₄	4 ¹⁵ / ₆₄		
10020629	4½	4.446	1	8	2 ¹⁹ / ₃₂	4 ¹⁹ / ₁₆		

107-MT 90° Elbow - Medium Turn C x C

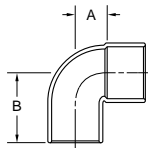


Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020631	1/4	0.010	50	1000	3/8	3/8		
10020898	3/8	0.016	50	1000	3/8	3/8		
10020633	1/2	0.043	50	1000	1/2	1/2		
10020514	5/8	0.068	50	500	19/32	19/32		
10020990	3/4	0.109	25	250	7/8	7/8		
10020515	7/8	0.141	25	250	13/16	13/16		
10020602	1 1/8	0.252	10	100	1	1		

107-L 90° Elbow - Long Turn (Continued) C x C

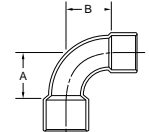
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020257	7/8	0.123	25	250	1 5/32	1 5/32		
10020261	1	0.231	10	100	1 15/32	1 15/32		
10020262	1 1/8	0.270	10	100	1 29/64	1 29/64		
10020263	1 3/8	0.381	10	80	1 7/8	1 7/8		
10020264	1 5/8	0.563	10	80	2 3/16	2 3/16		
10020265	2 1/8	1.156	5	30	3	3		
10020266	2 5/8	1.737	1	10	3 3/16	3 3/16		
10020267	3 1/8	3.320	1	8	4 5/8	4 5/8		
10020640	3 5/8	4.850	1	1	5 1/4	5 1/4		
10020641	4 1/8	7.400	1	1	5 7/8	5 7/8		

107-MT-2 90° Street Elbow - Medium Turn FTG x C



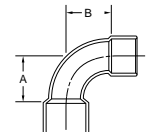
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020516	1/4	0.010	50	1000	3/8	3/4		
10020517	3/8	0.017	50	1000	3/8	3/4		
10020518	1/2	0.044	50	1000	1/2	15/16		
10020635	5/8	0.066	50	500	19/32	1 3/16		
10020636	3/4	0.104	25	250	7/8	1 1/2		
10020637	7/8	0.146	25	250	1 3/16	1 5/8		
10020638	1 1/8	0.271	10	100	1 1/16	2 1/32		

107-L-R 90° Reducing Elbow - Long Turn C x C



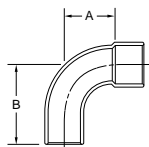
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020253	1/2 x 3/8	0.027	50	1000	39/64	5/8		
10020639	5/8 x 1/2	0.042	50	500	5/8	43/64		
10020256	3/4 x 5/8	0.077	25	250	7/8	31/32		
10020260	7/8 x 1/2	0.073	50	500	1 1/16	27/32		
10020259	7/8 x 5/8	0.086	50	500	7/8	7/8		
10020258	7/8 x 3/4	0.113	25	250	1 1/16	1 5/32		
10020993	1 1/8 x 7/8	0.244	25	250	1 9/64	1 1/4		
10020994	1 5/8 x 1 1/8	0.299	5	50	1 13/32	1 11/16		
10020665	1 5/8 x 1 3/8	0.483	5	50	2	2 1/4		
10020332	2 1/8 x 1 5/8	0.754	5	40	2 3/16	2 5/16		

107-L 90° Elbow - Long Turn C x C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020248	3/16	0.007	50	1000	5/16	5/16		
10020249	1/4	0.008	50	1000	1/2	1/2		
10020250	5/16	0.013	50	1000	9/16	9/16		
10020251	3/8	0.019	50	1000	3/4	3/4		
10020252	1/2	0.033	50	500	23/32	23/32		
10020254	5/8	0.058	50	500	55/64	55/64		
10020255	3/4	0.088	25	250	1 1/16	1 1/16		

107-L-2 90° Street Elbow - Long Turn FTG x C

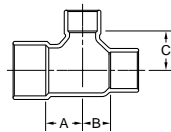


Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020268	1/4	0.008	50	1000	1/2	7/8		
10020269	3/8	0.019	50	1000	23/64	1 1/16		
10020270	1/2	0.033	50	500	23/32	1 7/32		
10020271	5/8	0.058	50	500	55/64	1 7/16		
10020272	3/4	0.088	25	250	1 1/16	1 27/32		
10020273	7/8	0.139	25	250	1 1/8	2 1/16		

107-L-2 90° Street Elbow - Long Turn (Continued) FTG x C

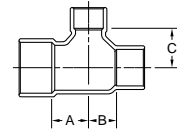
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020274	1 1/8	0.269	10	100	1 13/32	2 9/16		
10020275	1 3/8	0.381	10	80	1 7/8	2 29/32		
10020276	1 5/8	0.563	10	80	2 3/16	3 5/16		
10020277	2 1/8	1.156	5	30	2 31/32	4 3/8		
10020278	2 5/8	1.963	1	10	3 3/16	4 23/32		
10020642	3 1/8	3.300	1	8	4 5/8	6 11/32		
10020643	3 5/8	3.850	1	8	4	5 31/32		
10020644	4 1/8	5.890	1	1	4 29/64	6 23/32		

111 Tee C x C x C



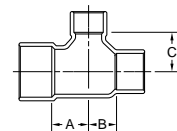
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020362	3/16	0.009	50	1000	3/16	3/16	3/16	
10020363	1/4	0.016	50	1000	13/64	13/64	7/32	
10020367	5/16	0.020	50	1000	7/32	7/32	9/32	
10020371	3/8	0.028	50	1000	17/64	17/64	1/4	
10020379	1/2	0.045	50	500	5/16	5/16	3/8	
10020386	5/8	0.059	50	500	21/64	21/64	11/32	
10020396	3/4	0.110	25	250	7/16	7/16	1/2	
10020402	7/8	0.144	25	250	1/2	1/2	17/32	
10020416	1 1/8	0.293	10	100	41/64	41/64	19/32	
10020429	1 3/8	0.397	5	50	41/64	41/64	41/64	
10020444	1 5/8	0.544	5	50	1 1/16	1 1/16	1 1/16	
10020466	2 1/8	1.082	5	40	1 1/16	1 1/16	1 15/64	
10020490	2 5/8	1.961	1	10	1 21/32	1 21/32	1 11/16	
10020561	3 1/8	2.632	1	10	1 7/8	1 7/8	1 11/16	
10020588	3 5/8	4.167	1	8	2 5/32	2 5/32	2 1/4	
10020589	4 1/8	5.210	1	8	2 13/32	2 13/32	2 9/16	
10020590	5 1/8	7.998	1	1	2 37/64	2 37/64	2 29/32	
10020591	6 1/8	12.613	1	1	3 1/8	3 1/8	3 11/16	
10020592	8 1/8	32.086	1	1	4 1/16	4 1/16	4 3/4	

111-BH Bullhead Tee C x C x C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020364	1/4 x 1/4 x 5/16	0.020	50	1000	17/64	17/64	9/32	
10020365	1/4 x 1/4 x 3/8	0.028	50	1000	13/32	13/32	1/4	
10020373	3/8 x 3/8 x 1/2	0.045	50	500	15/32	15/32	3/8	
10020372	3/8 x 3/8 x 5/8	0.063	50	500	21/32	21/32	11/32	
10020380	1/2 x 1/2 x 5/8	0.063	50	500	17/32	17/32	11/32	
10020389	5/8 x 5/8 x 3/4	0.110	50	500	21/32	21/32	1/2	
10020388	5/8 x 5/8 x 7/8	0.118	25	250	33/64	33/64	15/32	
10020387	5/8 x 5/8 x 1 1/8	0.290	10	100	15/16	15/16	3/4	
10020397	3/4 x 3/4 x 7/8	0.170	25	250	11/16	11/16	17/32	
10020403	7/8 x 7/8 x 1 1/8	0.202	10	100	3/4	3/4	17/32	
10020417	1 1/8 x 1 1/8 x 1 3/8	0.405	5	50	15/32	15/32	31/32	
10020655	1 1/8 x 1 1/8 x 1 5/8	0.680	5	50	1 1/4	1 1/4	1 5/32	
10020431	1 3/8 x 1 3/8 x 1 5/8	0.680	5	50	1 3/16	1 3/16	1 5/32	
10020430	1 3/8 x 1 3/8 x 2 1/8	1.352	5	40	1 3/4	1 3/4	1 3/8	
10020445	1 5/8 x 1 5/8 x 2 1/8	1.352	5	40	1 37/64	1 37/64	1 3/8	
10020467	2 1/8 x 2 1/8 x 2 5/8	1.961	1	10	2	2	1 11/16	
10020491	2 5/8 x 2 5/8 x 3 1/8	2.744	1	10	2 5/8	2 5/8	1 7/8	
10020562	3 1/8 x 3 1/8 x 4 1/8	6.396	1	8	3 21/32	3 21/32	2 9/16	

111-R Reducing Tee C x C x C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020366	1/4 x 1/4 x 1/8	0.016	50	1000	5/16	5/16	7/32	
10020370	5/16 x 1/4 x 1/4	0.020	50	1000	7/32	11/32	11/32	
10020369	5/16 x 1/4 x 5/16	0.020	50	1000	7/32	11/32	9/32	
10020368	5/16 x 5/16 x 1/4	0.020	50	1000	7/32	7/32	11/32	
10020378	3/8 x 1/4 x 1/4	0.028	50	1000	17/64	13/32	13/32	
10020377	3/8 x 1/4 x 5/16	0.028	50	1000	17/64	13/32	11/32	
10020376	3/8 x 1/4 x 3/8	0.028	50	1000	17/64	13/32	1/4	
10020375	3/8 x 3/8 x 3/16	0.028	50	1000	17/64	17/64	7/16	
10020374	3/8 x 3/8 x 1/4	0.028	50	1000	17/64	17/64	13/32	
10020385	1/2 x 1/4 x 1/2	0.045	50	500	5/16	9/16	3/8	
10020384	1/2 x 3/8 x 1/4	0.045	50	500	5/16	15/32	5/8	
10020654	1/2 x 3/8 x 3/8	0.045	50	500	5/16	15/32	15/32	
10020383	1/2 x 3/8 x 1/2	0.045	50	500	5/16	15/32	3/8	

111-R Reducing Tee (Continued) C x C x C								
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020382	1/2 x 1/2 x 1/4	0.045	50	500	5/16	5/16	39/64	
10020381	1/2 x 1/2 x 3/8	0.045	50	500	5/16	5/16	15/32	
10020395	5/8 x 3/8 x 3/8	0.064	50	500	9/32	5/8	13/32	
10020706	5/8 x 3/8 x 5/8	0.063	50	500	3/8	21/32	11/32	
10020394	5/8 x 1/2 x 1/2	0.064	50	500	5/16	1/2	13/32	
10020393	5/8 x 1/2 x 5/8	0.063	50	500	3/8	17/32	11/32	
10020392	5/8 x 5/8 x 1/4	0.064	50	500	9/32	9/32	1/2	
10020391	5/8 x 5/8 x 3/8	0.064	50	500	9/32	9/32	13/32	
10020390	5/8 x 5/8 x 1/2	0.064	50	500	5/16	5/16	13/32	
10020401	3/4 x 5/8 x 5/8	0.107	25	250	27/64	5/8	1/2	
10020400	3/4 x 3/4 x 3/8	0.107	25	250	27/64	27/64	23/32	
10020399	3/4 x 3/4 x 1/2	0.107	25	250	27/64	27/64	21/32	
10020398	3/4 x 3/4 x 5/8	0.107	25	250	27/64	27/64	1/2	
10020415	7/8 x 1/2 x 1/2	0.132	25	250	25/64	23/32	11/16	
10020414	7/8 x 1/2 x 7/8	0.159	25	250	1/2	29/32	17/32	
10020413	7/8 x 5/8 x 3/8	0.140	25	250	25/64	5/8	3/4	
10020412	7/8 x 5/8 x 1/2	0.137	25	250	25/64	5/8	11/16	
10020410	7/8 x 5/8 x 5/8	0.109	25	250	25/64	5/8	19/32	
10020409	7/8 x 5/8 x 7/8	0.144	25	250	1/2	25/32	17/32	
10020408	7/8 x 3/4 x 3/4	0.150	25	250	1/2	11/16	3/4	
10020407	7/8 x 7/8 x 3/8	0.135	25	250	25/64	25/64	3/4	
10020406	7/8 x 7/8 x 1/2	0.131	25	250	25/64	25/64	11/16	
10020405	7/8 x 7/8 x 5/8	0.112	25	250	25/64	25/64	19/32	
10020404	7/8 x 7/8 x 3/4	0.153	25	250	1/2	1/2	3/4	
10020428	1 1/8 x 5/8 x 5/8	0.183	10	100	23/64	13/16	11/16	
10020427	1 1/8 x 5/8 x 7/8	0.220	10	100	1/2	15/16	5/8	
10020426	1 1/8 x 5/8 x 1 1/8	0.290	10	100	21/32	5/64	21/32	
10020425	1 1/8 x 7/8 x 1/2	0.270	10	100	23/64	9/16	13/16	
10020424	1 1/8 x 7/8 x 5/8	0.183	10	100	23/64	9/16	11/16	
10020423	1 1/8 x 7/8 x 7/8	0.220	10	100	1/2	11/16	5/8	
10020422	1 1/8 x 7/8 x 1 1/8	0.290	10	100	21/32	53/64	21/32	
10020421	1 1/8 x 1 1/8 x 1/2	0.183	10	100	23/64	23/64	13/16	
10020420	1 1/8 x 1 1/8 x 5/8	0.183	10	100	23/64	23/64	11/16	
10020419	1 1/8 x 1 1/8 x 3/4	0.319	10	100	1/2	1/2	15/16	
10020418	1 1/8 x 1 1/8 x 7/8	0.220	10	100	1/2	1/2	5/8	
10020443	1 3/8 x 5/8 x 1 3/8	0.405	5	50	7/8	7/8	25/32	
10020442	1 3/8 x 7/8 x 5/8	0.267	5	50	1/2	1/2	25/32	
10020441	1 3/8 x 7/8 x 7/8	0.297	5	50	5/8	5/8	25/32	
10020440	1 3/8 x 7/8 x 1 1/8	0.391	5	50	3/4	3/4	25/32	
10020439	1 3/8 x 7/8 x 1 3/8	0.405	5	50	7/8	7/8	25/32	
10020438	1 3/8 x 1 1/8 x 5/8	0.267	5	50	1/2	1/2	25/32	
10020437	1 3/8 x 1 1/8 x 7/8	0.297	5	50	5/8	5/8	25/32	
10020436	1 3/8 x 1 1/8 x 1 1/8	0.391	5	50	3/4	3/4	25/32	
10020435	1 3/8 x 1 1/8 x 1 3/8	0.405	5	50	7/8	7/8	25/32	
10020434	1 3/8 x 1 3/8 x 5/8	0.259	5	50	19/64	19/64	11/16	
10020433	1 3/8 x 1 3/8 x 7/8	0.314	5	50	7/16	7/16	3/4	

111-R Reducing Tee (Continued) C x C x C								
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020432	1 3/8 x 1 3/8 x 1 1/8	0.348	5	50	17/32	17/32	25/32	
10020465	1 5/8 x 5/8 x 1 5/8	0.680	5	50	15/32	1 31/64	1 5/32	
10020464	1 5/8 x 7/8 x 5/8	0.460	5	50	9/16	15/16	31/32	
10020463	1 5/8 x 7/8 x 7/8	0.583	5	50	11/64	1 1/32	31/32	
10020462	1 5/8 x 7/8 x 1 1/8	0.591	5	50	27/32	1 5/16	1 1/16	
10020461	1 5/8 x 7/8 x 1 3/8	0.661	5	50	31/32	1 1/4	1 1/16	
10020460	1 5/8 x 7/8 x 1 5/8	0.680	5	50	1 5/32	1 19/64	1 5/32	
10020459	1 5/8 x 1 1/8 x 5/8	0.460	5	50	9/16	1 3/16	31/32	
10020458	1 5/8 x 1 1/8 x 7/8	0.583	5	50	1 1/16	1	31/32	
10020457	1 5/8 x 1 1/8 x 1 1/8	0.591	5	50	27/32	1 1/8	1 1/16	
10020456	1 5/8 x 1 1/8 x 1 3/8	0.661	5	50	31/32	1 5/16	1 1/16	
10020455	1 5/8 x 1 1/8 x 1 5/8	0.680	5	50	1 5/32	1 1/4	1 5/32	
10020454	1 5/8 x 1 3/8 x 5/8	0.460	5	50	9/16	1 3/16	31/32	
10020453	1 5/8 x 1 3/8 x 7/8	0.583	5	50	1 1/16	7/8	31/32	
10020452	1 5/8 x 1 3/8 x 1 1/8	0.591	5	50	27/32	1 3/16	1 1/16	
10020451	1 5/8 x 1 3/8 x 1 3/8	0.661	5	50	31/32	1 3/16	1 1/16	
10020450	1 5/8 x 1 3/8 x 1 5/8	0.680	5	50	17/32	1 3/16	1 7/32	
10020449	1 5/8 x 1 5/8 x 5/8	0.296	5	50	21/64	21/64	29/32	
10020448	1 5/8 x 1 5/8 x 7/8	0.332	5	50	7/16	7/16	13/16	
10020447	1 5/8 x 1 5/8 x 1 1/8	0.376	5	50	9/16	9/16	13/16	
10020446	1 5/8 x 1 5/8 x 1 3/8	0.457	5	50	1 1/16	1 1/16	13/16	
10020489	2 1/8 x 5/8 x 2 1/8	1.352	5	40	1 3/8	1 7/8	1 3/8	
10020487	2 1/8 x 7/8 x 2 1/8	1.352	5	40	1 3/8	1 3/4	1 3/8	
10020486	2 1/8 x 1 1/8 x 1 1/8	1.023	5	40	27/32	1 9/32	1 11/32	
10020485	2 1/8 x 1 1/8 x 2 1/8	1.352	5	40	1 3/8	1 25/32	1 3/8	
10020484	2 1/8 x 1 3/8 x 5/8	0.850	5	40	5/8	1 5/64	1 1/4	
10020483	2 1/8 x 1 3/8 x 7/8	0.960	5	40	1 1/16	1 5/32	1 1/4	
10020482	2 1/8 x 1 3/8 x 1 1/8	1.023	5	40	13/16	1 9/32	1 5/16	
10020481	2 1/8 x 1 3/8 x 1 3/8	1.013	5	40	31/32	1 3/16	1 3/8	
10020480	2 1/8 x 1 3/8 x 1 5/8	1.097	5	40	1 1/32	1 3/8	1 11/32	
10020479	2 1/8 x 1 3/8 x 2 1/8	1.352	5	40	1 3/8	1 25/32	1 3/8	
10020478	2 1/8 x 1 5/8 x 5/8	0.850	5	40	5/8	1 5/16	1 1/4	
10020477	2 1/8 x 1 5/8 x 7/8	0.960	5	40	1 1/16	1 1/16	1 1/4	
10020476	2 1/8 x 1 5/8 x 1 1/8	1.023	5	40	13/16	1 1/16	1 5/16	
10020475	2 1/8 x 1 5/8 x 1 3/8	1.013	5	40	31/32	1 3/16	1 3/8	
10020474	2 1/8 x 1 5/8 x 1 5/8	1.097	5	40	1 1/32	1 19/64	1 11/32	
10020473	2 1/8 x 1 5/8 x 2 1/8	1.352	5	40	1 3/8	1 37/64	1 3/8	
10020472	2 1/8 x 2 1/8 x 5/8	0.551	5	40	5/16	5/16	1 1/8	
10020471	2 1/8 x 2 1/8 x 7/8	0.624	5	40	7/16	7/16	1 5/32	
10020470	2 1/8 x 2 1/8 x 1 1/8	0.673	5	40	1/2	1/2	1 3/32	
10020469	2 1/8 x 2 1/8 x 1 3/8	0.742	5	40	1 1/16	1 1/16	1 1/8	
10020468	2 1/8 x 2 1/8 x 1 5/8	0.893	5	40	3/4	3/4	1 3/32	
10020560	2 5/8 x 7/8 x 2 5/8	1.961	1	10	1 21/32	37/16	1 11/16	
10020559	2 5/8 x 1 1/8 x 2 5/8	1.961	1	10	1 21/32	37/32	1 11/16	
10020558	2 5/8 x 1 3/8 x 2 1/8	1.673	1	10	17/16	2 45/64	1 11/16	
10020557	2 5/8 x 1 3/8 x 2 5/8	1.961	1	10	1 21/32	2 31/32	1 11/16	

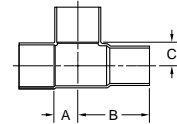
111-R Reducing Tee (Continued) C x C x C

Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020556	2 ⁵ / ₈ x 1 ⁵ / ₈ x 1 ³ / ₈	1.341	1	10	1	2 ³ / ₁₆	1 ³⁹ / ₆₄	
10020555	2 ⁵ / ₈ x 1 ⁵ / ₈ x 1 ⁵ / ₈	1.460	1	10	1 ³ / ₁₆	2 ¹⁹ / ₆₄	1 ¹⁹ / ₃₂	
10020554	2 ⁵ / ₈ x 1 ⁵ / ₈ x 2 ¹ / ₈	1.673	1	10	1 ⁷ / ₁₆	2 ¹⁵ / ₃₂	1 ¹¹ / ₁₆	
10020553	2 ⁵ / ₈ x 1 ⁵ / ₈ x 2 ⁵ / ₈	1.961	1	10	1 ²¹ / ₃₂	2 ²¹ / ₃₂	1 ¹¹ / ₁₆	
10020552	2 ⁵ / ₈ x 2 ¹ / ₈ x 5 ⁸ / ₁₆	1.081	1	10	1/2	1 ¹¹ / ₃₂	1 1/2	
10020551	2 ⁵ / ₈ x 2 ¹ / ₈ x 7 ⁸ / ₁₆	1.258	1	10	3/4	1 ³ / ₈	1 ³¹ / ₆₄	
10020550	2 ⁵ / ₈ x 2 ¹ / ₈ x 1 ¹ / ₈	1.356	1	10	7/8	1 ⁹ / ₁₆	1 ⁵ / ₈	
10020499	2 ⁵ / ₈ x 2 ¹ / ₈ x 1 ³ / ₈	1.341	1	10	1	1 ¹¹ / ₁₆	1 ³⁹ / ₆₄	
10020498	2 ⁵ / ₈ x 2 ¹ / ₈ x 1 ⁵ / ₈	1.460	1	10	1 ³ / ₁₆	1 ³ / ₄	1 ¹⁹ / ₃₂	
10020497	2 ⁵ / ₈ x 2 ¹ / ₈ x 2 ¹ / ₈	1.673	1	10	1 ⁷ / ₁₆	2 ³ / ₆₄	1 ¹¹ / ₁₆	
10020496	2 ⁵ / ₈ x 2 ¹ / ₈ x 2 ⁵ / ₈	1.961	1	10	1 ²¹ / ₃₂	2	1 ¹¹ / ₁₆	
10020495	2 ⁵ / ₈ x 2 ⁵ / ₈ x 5 ⁸ / ₁₆	1.081	1	10	1/2	1/2	1 1/2	
10020494	2 ⁵ / ₈ x 2 ⁵ / ₈ x 7 ⁸ / ₁₆	1.258	1	10	3/4	3/4	1 ³¹ / ₆₄	
10020657	2 ⁵ / ₈ x 2 ⁵ / ₈ x 1 ¹ / ₈	1.356	1	10	7/8	7/8	1 ⁵ / ₈	
10020656	2 ⁵ / ₈ x 2 ⁵ / ₈ x 1 ³ / ₈	1.341	1	10	1	1	1 ³⁹ / ₆₄	
10020493	2 ⁵ / ₈ x 2 ⁵ / ₈ x 1 ⁵ / ₈	1.460	1	10	1 ³ / ₁₆	1 ³ / ₁₆	1 ¹⁹ / ₃₂	
10020492	2 ⁵ / ₈ x 2 ⁵ / ₈ x 2 ¹ / ₈	1.673	1	10	1 ⁷ / ₁₆	1 ⁷ / ₁₆	1 ¹¹ / ₁₆	
10020660	3 ¹ / ₈ x 7 ⁸ / ₁₆ x 3 ¹ / ₈	2.744	1	10	1 ⁷ / ₈	4 ¹ / ₃₂	1 ⁷ / ₈	
10020659	3 ¹ / ₈ x 1 ¹ / ₈ x 3 ¹ / ₈	2.744	1	10	1 ⁷ / ₈	3 ²⁹ / ₃₂	1 ⁷ / ₈	
10020658	3 ¹ / ₈ x 1 ³ / ₈ x 3 ¹ / ₈	2.744	1	10	1 ⁷ / ₈	3 ²³ / ₃₂	1 ⁷ / ₈	
10020587	3 ¹ / ₈ x 1 ⁵ / ₈ x 1 ⁵ / ₈	2.024	1	10	1 ³ / ₁₆	2 ²⁵ / ₃₂	1 ²⁹ / ₃₂	
10020586	3 ¹ / ₈ x 1 ⁵ / ₈ x 2 ¹ / ₈	2.270	1	10	1 ⁷ / ₁₆	3 ¹ / ₈	1 ³¹ / ₃₂	
10020585	3 ¹ / ₈ x 1 ⁵ / ₈ x 2 ⁵ / ₈	2.351	1	10	1 ¹¹ / ₁₆	3 ⁵ / ₁₆	1 ³¹ / ₃₂	
10020584	3 ¹ / ₈ x 1 ⁵ / ₈ x 3 ¹ / ₈	2.744	1	10	1 ⁷ / ₈	3 ⁹ / ₁₆	1 ⁷ / ₈	
10020583	3 ¹ / ₈ x 2 ¹ / ₈ x 1 ¹ / ₈	1.757	1	10	7/8	2	1 ⁵⁹ / ₆₄	
10020582	3 ¹ / ₈ x 2 ¹ / ₈ x 1 ³ / ₈	1.939	1	10	3 ¹ / ₃₂	2 ³ / ₁₆	1 ⁵⁹ / ₆₄	
10020581	3 ¹ / ₈ x 2 ¹ / ₈ x 1 ⁵ / ₈	2.024	1	10	1 ³ / ₁₆	2 ⁵ / ₁₆	1 ²⁹ / ₃₂	
10020580	3 ¹ / ₈ x 2 ¹ / ₈ x 2 ¹ / ₈	2.270	1	10	1 ⁷ / ₁₆	2 ⁹ / ₁₆	1 ³¹ / ₃₂	
10020579	3 ¹ / ₈ x 2 ¹ / ₈ x 2 ⁵ / ₈	2.351	1	10	1 ¹¹ / ₁₆	2 ²³ / ₃₂	1 ³¹ / ₃₂	
10020578	3 ¹ / ₈ x 2 ¹ / ₈ x 3 ¹ / ₈	2.744	1	10	1 ⁷ / ₈	3 ¹ / ₁₆	1 ⁷ / ₈	
10020577	3 ¹ / ₈ x 2 ⁵ / ₈ x 7 ⁸ / ₁₆	1.691	1	10	3/4	1 ¹⁷ / ₃₂	1 ¹³ / ₁₆	
10020576	3 ¹ / ₈ x 2 ⁵ / ₈ x 1 ¹ / ₈	1.757	1	10	7/8	1 ⁵ / ₈	1 ⁵⁹ / ₆₄	
10020574	3 ¹ / ₈ x 2 ⁵ / ₈ x 1 ³ / ₈	1.939	1	10	3 ¹ / ₃₂	1 ³ / ₄	1 ⁵⁹ / ₆₄	
10020573	3 ¹ / ₈ x 2 ⁵ / ₈ x 1 ⁵ / ₈	2.024	1	10	1 ³ / ₁₆	1 ⁷ / ₈	1 ²⁹ / ₃₂	
10020572	3 ¹ / ₈ x 2 ⁵ / ₈ x 2 ¹ / ₈	2.270	1	10	1 ⁷ / ₁₆	2 ¹ / ₈	1 ³¹ / ₃₂	
10020571	3 ¹ / ₈ x 2 ⁵ / ₈ x 2 ⁵ / ₈	2.351	1	10	1 ¹¹ / ₁₆	2 ¹³ / ₃₂	1 ³¹ / ₃₂	
10020570	3 ¹ / ₈ x 2 ⁵ / ₈ x 3 ¹ / ₈	2.744	1	10	1 ⁷ / ₈	2 ⁵ / ₈	1 ⁷ / ₈	
10020569	3 ¹ / ₈ x 3 ¹ / ₈ x 5 ⁸ / ₁₆	1.542	1	10	9/16	9/16	1 ¹¹ / ₁₆	
10020568	3 ¹ / ₈ x 3 ¹ / ₈ x 7 ⁸ / ₁₆	1.691	1	10	3/4	3/4	1 ¹³ / ₁₆	
10020567	3 ¹ / ₈ x 3 ¹ / ₈ x 1 ¹ / ₈	1.757	1	10	7/8	7/8	1 ⁵⁹ / ₆₄	
10020566	3 ¹ / ₈ x 3 ¹ / ₈ x 1 ³ / ₈	1.939	1	10	3 ¹ / ₃₂	3 ¹ / ₃₂	1 ⁵⁹ / ₆₄	
10020565	3 ¹ / ₈ x 3 ¹ / ₈ x 1 ⁵ / ₈	2.024	1	10	1 ³ / ₁₆	1 ³ / ₁₆	1 ²⁹ / ₃₂	
10020564	3 ¹ / ₈ x 3 ¹ / ₈ x 2 ¹ / ₈	2.270	1	10	1 ⁷ / ₁₆	1 ⁷ / ₁₆	1 ³¹ / ₃₂	
10020563	3 ¹ / ₈ x 3 ¹ / ₈ x 2 ⁵ / ₈	2.351	1	10	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1 ³¹ / ₃₂	
10020519	4 ¹ / ₈ x 1 ¹ / ₈ x 4 ¹ / ₈	6.396	1	8	2 ¹³ / ₃₂	5 ⁹ / ₃₂	2 ²⁵ / ₆₄	
10020520	4 ¹ / ₈ x 1 ⁵ / ₈ x 4 ¹ / ₈	6.396	1	8	2 ¹³ / ₃₂	4 ²⁹ / ₃₂	2 ³⁵ / ₆₄	

111-R Reducing Tee (Continued) C x C x C

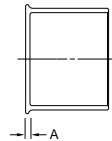
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020521	4 ¹ / ₈ x 2 ¹ / ₈ x 2 ¹ / ₈	4.880	1	8	1 1/2	3 ¹⁷ / ₃₂	2 ⁷ / ₁₆	
10020522	4 ¹ / ₈ x 2 ¹ / ₈ x 4 ¹ / ₈	6.396	1	8	2 ¹³ / ₃₂	4 1/2	2 ³⁵ / ₆₄	
10020523	4 ¹ / ₈ x 2 ⁵ / ₈ x 2 ⁵ / ₈	5.361	1	8	1 ²⁵ / ₃₂	3 ⁵ / ₁₆	2 ¹⁹ / ₃₂	
10020524	4 ¹ / ₈ x 2 ⁵ / ₈ x 4 ¹ / ₈	6.396	1	8	2 ¹³ / ₃₂	4 ¹ / ₁₆	2 ³⁵ / ₆₄	
10020525	4 ¹ / ₈ x 3 ¹ / ₈ x 2 ¹ / ₈	4.880	1	8	1 1/2	2 ²³ / ₃₂	2 ⁷ / ₁₆	
10020526	4 ¹ / ₈ x 3 ¹ / ₈ x 2 ⁵ / ₈	5.361	1	8	1 ²⁵ / ₃₂	2 ²⁹ / ₃₂	2 ¹⁹ / ₃₂	
10020527	4 ¹ / ₈ x 3 ¹ / ₈ x 3 ¹ / ₈	5.714	1	8	2 ¹ / ₃₂	3 ¹ / ₃₂	2 1/2	
10020528	4 ¹ / ₈ x 3 ¹ / ₈ x 4 ¹ / ₈	6.396	1	8	2 ¹³ / ₃₂	3 ²¹ / ₃₂	2 ³⁵ / ₆₄	
10020529	4 ¹ / ₈ x 4 ¹ / ₈ x 5 ⁸ / ₁₆	2.296	1	16	1/2	1/2	2 ⁵ / ₁₆	
10020530	4 ¹ / ₈ x 4 ¹ / ₈ x 7 ⁸ / ₁₆	2.410	1	16	1 ³ / ₃₂	1 ³ / ₃₂	2 ⁵ / ₁₆	
10021002	4 ¹ / ₈ x 4 ¹ / ₈ x 1 ¹ / ₈	4.715	1	8	1 ⁵ / ₁₆	1 ⁵ / ₁₆	2 ⁵ / ₁₆	
10021003	4 ¹ / ₈ x 4 ¹ / ₈ x 1 ³ / ₈	4.715	1	8	1 ³ / ₃₂	1 ³ / ₃₂	2 1/2	
10020531	4 ¹ / ₈ x 4 ¹ / ₈ x 1 ⁵ / ₈	4.985	1	8	1 ³ / ₁₆	1 ³ / ₁₆	2 ⁹ / ₁₆	
10020708	4 ¹ / ₈ x 4 ¹ / ₈ x 2 ¹ / ₈	4.880	1	8	1 1/2	1 1/2	2 ⁷ / ₁₆	
10020662	4 ¹ / ₈ x 4 ¹ / ₈ x 2 ⁵ / ₈	5.361	1	8	1 ²⁵ / ₃₂	1 ²⁵ / ₃₂	2 ¹⁹ / ₃₂	
10020661	4 ¹ / ₈ x 4 ¹ / ₈ x 3 ¹ / ₈	5.714	1	8	2 ¹ / ₃₂	2 ¹ / ₃₂	2 1/2	
10020532	6 ¹ / ₈ x 6 ¹ / ₈ x 2 ¹ / ₈	7.132	1	1	1 ¹⁷ / ₃₂	1 ¹⁷ / ₃₂	3 ⁷ / ₁₆	
10020533	6 ¹ / ₈ x 6 ¹ / ₈ x 2 ⁵ / ₈	7.663	1	1	1 ⁷ / ₁₆	1 ⁷ / ₁₆	3 ⁷ / ₁₆	
10020534	6 ¹ / ₈ x 6 ¹ / ₈ x 3 ¹ / ₈	8.093	1	1	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	3 ⁷ / ₁₆	

111-2 Street Tee C x FTG x C



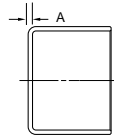
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020593	3/8 x 1/4 x 3/8	0.016	50	1000	1 ⁷ / ₆₄	3/8	1/4	
10020535	5/8 x 1/2 x 5/8	0.069	50	500	3/8	1 ¹ / ₃₂	3/8	
10020536	7/8 x 3/4 x 7/8	0.148	25	250	1/2	1 ⁷ / ₁₆	1 ⁵ / ₃₂	

116 Fitting End Plug FTG



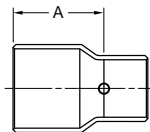
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020287	1/2	0.010	50	1000	1/16			
10020288	5/8	0.016	100	1000	3/32			
10020289	7/8	0.036	50	500	1/8			
10020290	1 1/8	0.059	25	250	5/32			

117 Tube Cap C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020095	1/4	0.003	50	1000	1/32			
10020096	3/8	0.005	50	1000	1/16			
10020097	1/2	0.010	50	1000	3/32			
10020098	5/8	0.016	100	1000	5/64			
10020099	3/4	0.030	25	500	1/8			
10020100	7/8	0.036	50	500	5/64			
10020101	1 1/8	0.059	50	500	1/8			
10020102	1 3/8	0.108	25	250	5/32			
10020103	1 5/8	0.159	20	200	5/32			
10020104	2 1/8	0.284	10	100	5/32			
10020105	2 5/8	0.469	5	50	5/32			
10020106	3 1/8	0.713	5	50	3/16			
10020107	3 5/8	0.970	1	10	3/16			
10020108	4 1/8	1.384	1	10	7/32			

118 Fitting Reducer FTG x C

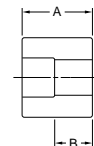


Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020291	1/4 x 1/8	0.004	50	1000	33/64			
10020292	3/8 x 1/4	0.007	50	1000	1/2			
10020294	1/2 x 1/4	0.016	50	1000	5/8			
10020293	1/2 x 3/8	0.015	50	1000	17/32			
10020296	5/8 x 3/8	0.022	50	1000	47/64			
10020295	5/8 x 1/2	0.022	50	1000	23/32			
10020299	3/4 x 3/8	0.038	25	500	15/16			
10020298	3/4 x 1/2	0.029	25	500	29/32			
10020297	3/4 x 5/8	0.038	25	500	25/32			
10020303	7/8 x 3/8	0.049	50	500	1 1/8			
10020302	7/8 x 1/2	0.037	50	500	1 1/16			
10020301	7/8 x 5/8	0.057	50	500	1			
10020300	7/8 x 3/4	0.052	50	500	15/16			
10020307	1 1/8 x 1/2	0.088	25	250	1 3/8			
10020306	1 1/8 x 5/8	0.095	25	250	1 9/32			
10020305	1 1/8 x 3/4	0.089	25	250	1 7/32			
10020304	1 1/8 x 7/8	0.092	25	250	1 3/16			

118 Fitting Reducer (Continued) FTG x C

Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020310	1 3/8 x 5/8	0.169	10	100	1 15/32			
10020309	1 3/8 x 7/8	0.118	10	100	1 11/32			
10020308	1 3/8 x 1 1/8	0.150	10	100	1 1/4			
10020314	1 5/8 x 5/8	0.207	10	100	1 7/8			
10020313	1 5/8 x 7/8	0.200	10	100	1 11/16			
10020312	1 5/8 x 1 1/8	0.208	10	100	1 17/32			
10020311	1 5/8 x 1 3/8	0.206	10	100	1 19/64			
10020319	2 1/8 x 5/8	0.426	10	100	2 7/16			
10020318	2 1/8 x 7/8	0.403	10	100	2 11/32			
10020317	2 1/8 x 1 1/8	0.357	10	100	2 1/8			
10020316	2 1/8 x 1 3/8	0.360	10	100	1 15/16			
10020315	2 1/8 x 1 5/8	0.374	10	100	1 11/16			
10020323	2 5/8 x 1 1/8	0.655	5	50	2 17/32			
10020322	2 5/8 x 1 3/8	0.628	5	50	2 5/16			
10020321	2 5/8 x 1 5/8	0.666	5	50	2 1/4			
10020320	2 5/8 x 2 1/8	0.643	5	50	1 15/16			
10020327	3 1/8 x 1 3/8	1.029	2	20	2 25/32			
10020326	3 1/8 x 1 5/8	1.027	2	20	2 11/16			
10020325	3 1/8 x 2 1/8	0.948	2	20	2 33/64			
10020324	3 1/8 x 2 5/8	0.893	2	20	2 3/32			
10020340	3 5/8 x 2 1/8	1.380	1	10	2 51/64			
10020329	3 5/8 x 2 5/8	1.344	1	10	2 7/16			
10020328	3 5/8 x 3 1/8	1.336	1	10	2 1/4			
10020344	4 1/8 x 2 1/8	2.003	2	32	3 17/32			
10020343	4 1/8 x 2 5/8	1.952	2	32	3 7/32			
10020342	4 1/8 x 3 1/8	1.860	2	32	2 15/16			
10020341	4 1/8 x 3 5/8	1.850	2	32	2 23/32			

119 Flushing Bushing FTG x C

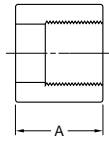


Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020084	3/8 x 1/4	0.008	50	1000	3/8	1/16		
10020085	1/2 x 3/8	0.011	50	1000	3/8	1/16		
10020086	5/8 x 3/8	0.034	50	1000	1/2	3/16		
10020330	5/8 x 1/2	0.019	50	1000	9/16	3/16		
10020088	3/4 x 1/2	0.054	25	500	5/8	1/4		
10020087	3/4 x 5/8	0.028	25	500	5/8	1/8		
10020331	7/8 x 5/8	0.070	50	500	5/8	1/4		
10020089	7/8 x 3/4	0.040	50	500	3/4	1/8		
10020091	1 1/8 x 5/8	0.211	25	250	29/32	13/32		

119 Flushing Bushing (Continued) FTG x C

Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020090	1 1/8 x 7/8	0.115	25	250	29/32	5/32		
10020692	1 3/8 x 1 1/8	0.146	25	250	31/32	1/16		
10020620	1 5/8 x 1 3/8	0.199	20	200	1 3/32	1/8		
10020092	2 1/8 x 1 5/8	0.648	5	50	1 11/32	1/4		

119-3 Female Flushing Bushing FTG x F



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020094	5/8 x 1/8	0.034	50	1000	9/16			
10020093	5/8 x 1/4	0.021	50	1000	9/16			

120 Copper Tube Strap - Double Hole



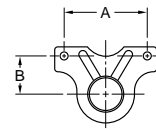
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020353	1/4	0.008	100	2000				
10020354	3/8	0.011	100	2000				
10020355	1/2	0.014	100	2000				
10020356	5/8	0.016	100	1000				
10020357	3/4	0.021	100	1000				
10020358	7/8	0.022	100	1000				
10020359	1 1/8	0.025	100	1000				
10020360	1 3/8	0.041	50	500				
10020361	1 5/8	0.048	50	500				
10020996	2 1/8	0.062	100	800				

120-S Copper Tube Strap - Single Hole Heavy Duty



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020998	1/4	0.009	100	2000				
10020999	3/8	0.009	100	2000				
10021000	1/2	0.012	100	2000				
10021001	5/8	0.014	100	2000				

124 Hi Ear Hanger



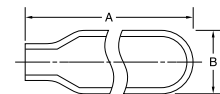
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020537	5/8	0.029	100	1000	1 5/8	47/64		
10020538	7/8	0.038	50	500	1 5/8	7/8		
10020539	1 1/8	0.043	25	250	1 5/8	1		

125 Perforated Copper Strap 3/4" Wide



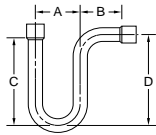
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020352	10 FT ROLL	0.704	6	48				
10020653	25 FT ROLL	1.766	6	48				

122 Air Chamber for Fitting End



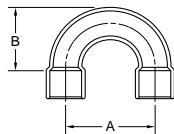
Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020540	5/8 x 1 1/8 x 6	0.218	50	300	6	1		
10020083	5/8 x 1 1/8 x 12	0.423	50	50	12	1		

123 Suction Line P-Trap C x C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020281	5/8	0.213	5	50	2 1/4	2 3/16	2 5/32	3 47/64
10020282	3/4	0.465	10	60	3	2 7/8	5 9/32	6
10020283	7/8	0.541	10	60	3 1/2	2 3/4	5 7/32	5 3/16
10020284	1 1/8	0.902	10	10	3 17/32	2 11/64	4 59/64	5 9/32
10020285	1 3/8	1.439	5	5	5	3 1/2	5 1/4	7
10020286	1 5/8	2.491	5	5	7	4 1/2	7 3/4	9 1/2
10020646	2 1/8	4.468	3	3	6	3 3/4	8 9/16	9 21/32

138 Return Bend C x C



Item #	O.D. Size (in)	Wt (lbs)	Inner	Master	Dim A	Dim B	Dim C	Dim D
10020995	1/4 x 1	0.013	50	1000	1	5/8		
10020346	3/8 x 1 1/4	0.028	50	500	1 1/4	1 3/16		
10020345	3/8 x 1 1/2	0.031	50	500	1 1/2	1 5/16		
10020348	1/2 x 1 1/2	0.054	25	250	1 1/2	1		
10020347	1/2 x 2	0.069	25	250	2	1 1/4		
10020647	5/8 x 1 1/16	0.078	25	250	1 9/16	1 3/32		
10020541	5/8 x 1 1/2	0.074	25	250	1 1/2	1 1/16		
10020351	5/8 x 2 1/4	0.102	25	250	2 1/4	1 7/16		
10020350	5/8 x 2 1/2	0.113	25	250	2 1/2	1 9/16		
10020349	5/8 x 3	0.128	25	250	3	1 13/16		
10020648	3/4 x 2 1/8	0.129	10	100	2 1/8	1 7/16		
10020700	3/4 x 2 1/4	0.138	10	100	2 1/4	1 9/8		
10020542	7/8 x 2 3/8	0.178	10	100	2 3/8	1 9/8		
10020649	7/8 x 2 1/2	0.194	10	100	2 1/2	1 11/16		
10020651	1 1/8 x 3	0.383	5	50	3	2 1/16		
10020650	1 1/8 x 3 1/4	0.412	5	50	3 1/4	2 3/16		
10020702	1 3/8 x 4	0.606	5	40	4	2 11/16		
10020704	1 3/8 x 4 3/8	0.810	5	40	4 3/8	3		
10020543	2 1/8 x 5 1/8	1.725	4	32	5 1/8	3 5/8		
10020652	2 1/8 x 5 1/2	1.802	4	32	5 1/2	3 9/16		

Rated Internal Working Pressures for Copper Tube Types K, L, M and DWV

Size, Inches	Rated Internal Working Pressures, psi.							
	Type K		Type L		Type M		Type DWV	
	Annealed	Drawn	Annealed	Drawn	Annealed	Drawn	Annealed	Drawn
(Service Temperature up to 150°F (S = 5,100 psi, annealed 9,000 psi, drawn))								
1/4	913	2029	775	1722	-	-	-	-
3/8	979	2135	662	1471	485	1077	-	-
1/2	769	1683	614	1362	420	932	-	-
5/8	633	1389	536	1192	-	-	-	-
3/4	735	1609	495	1099	346	769	-	-
1	563	1236	420	933	286	636	-	-
1 1/4	456	1003	373	823	287	638	280	621
1 1/2	424	933	347	771	281	625	249	552
2	372	820	309	686	254	563	185	410
2 1/2	341	751	286	633	233	517	-	-
3	330	579	269	476	215	380	135	239
3 1/2	313	549	258	456	214	378	-	-
4	308	540	249	440	313	377	128	225
5	295	517	229	404	198	349	128	227
6	296	520	213	376	185	328	126	223
8	315	554	230	406	195	344	124	219
10	315	554	230	407	196	345	-	-
12	316	555	213	375	196	345	-	-
-(Service Temperature up to 200°F (S = 4,800 psi, annealed 9,000 psi, drawn))								
1/4	860	2029	730	1722	-	-	-	-
3/8	921	2135	623	1471	456	1077	-	-
1/2	724	1683	578	1362	395	932	-	-
5/8	596	1389	505	1192	-	-	-	-
3/4	691	1609	466	1099	326	769	-	-
1	530	1236	395	933	270	636	-	-
1 1/4	429	1003	351	828	270	638	264	621
1 1/2	399	933	326	771	265	625	235	552
2	350	820	291	686	239	563	174	410
2 1/2	321	751	269	633	219	517	-	-
3	310	579	254	476	202	380	127	239
3 1/2	294	549	243	456	202	378	-	-
4	290	540	234	440	201	377	120	225
5	278	517	215	404	186	349	121	227
6	278	520	201	376	174	328	118	223
8	297	554	216	406	183	344	117	219
10	297	554	217	407	184	345	-	-
12	298	555	200	375	184	345	-	-
(Service Temperature up to 300°F (S = 4,700 psi, annealed 8,700 psi, drawn))								
1/4	842	1974	714	1676	-	-	-	-
3/8	902	2077	610	1431	446	1048	-	-
1/2	709	1638	565	1325	387	907	-	-
5/8	583	1351	494	1160	-	-	-	-
3/4	662	1566	456	1069	319	748	-	-
1	520	1203	387	908	264	619	-	-
1 1/4	420	976	344	806	265	621	258	604
1 1/2	391	908	319	750	359	608	230	537
2	343	798	285	667	234	548	170	399
2 1/2	314	731	263	616	215	503	-	-
3	304	560	248	449	198	367	124	231
3 1/2	288	531	238	441	197	366	-	-
4	283	522	229	425	197	365	117	218
5	272	500	211	391	182	337	118	220
6	272	502	197	364	171	317	116	216
8	290	535	211	393	179	333	114	209
10	290	535	212	394	180	334	-	-
12	291	536	196	363	180	334	-	-

Size, Inches	Rated Internal Working Pressures, psi							
	Type K		Type L		Type M		Type DWV	
	Annealed	Drawn	Annealed	Drawn	Annealed	Drawn	Annealed	Drawn
(Service Temperature up to 400°F (S = 4,700 psi, annealed 8,700 psi, drawn))								
1/4	537	771	456	654	-	-	-	-
3/8	576	811	390	559	285	409	-	-
1/2	453	640	361	518	247	354	-	-
5/8	373	528	316	453	-	-	-	-
3/4	432	611	291	418	204	292	-	-
1	331	470	247	355	169	242	-	-
1 1/4	268	381	220	315	169	242	165	236
1 1/2	250	355	204	293	166	238	147	210
2	219	312	182	261	150	214	109	156
2 1/2	201	285	168	241	137	196	-	-
3	194	527	159	520	127	346	80	218
3 1/2	184	500	152	415	126	344	-	-
4	181	492	147	401	126	343	75	205
5	174	471	135	368	117	318	76	207
6	174	474	126	343	109	299	74	203
8	186	505	135	370	115	313	73	200
10	186	505	136	371	115	314	-	-
12	186	506	125	342	115	314	-	-

Fractional Inch/Decimal Inch/Millimeters Conversion Chart

Fractional Inch	Decimal Inch	Millimeters	Fractional Inch	Decimal Inch	Millimeters	Fractional Inch	Decimal Inch	Millimeters
1/64	.0156	.396	23/64	.3593	9.128	45/64	.7031	17.859
1/32	.0312	.793	3/8	.375	9.525	23/32	.7187	18.256
3/64	.0468	1.190	25/64	.3906	9.921	47/64	.7343	18.653
1/16	.0625	1.587	13/32	.4062	10.318	3/4	.750	19.050
5/64	.0781	1.984	27/64	.4218	10.715	49/64	.7656	19.446
3/32	.0937	2.381	7/16	.4375	11.112	25/32	.7812	19.843
7/64	.1093	2.778	29/64	.4531	11.509	51/64	.7968	20.240
1/8	.125	3.175	15/32	.4687	11.906	13/16	.8125	20.637
9/64	.1406	3.571	31/64	.4843	12.303	53/64	.8281	20.034
5/32	.1562	3.968	1/2	.500	12.700	27/32	.8437	21.431
11/64	.1718	4.365	33/64	.5156	13.096	55/64	.8593	21.828
3/16	.1875	4.762	17/32	.5312	13.493	7/8	.875	22.225
13/64	.2031	5.159	35/64	.5468	13.890	57/64	.8906	22.621
7/32	.2187	5.556	9/16	.5625	14.287	29/32	.9062	23.018
15/64	.2343	5.953	37/64	.5781	14.684	59/64	.9218	23.415
1/4	.250	6.350	19/32	.5937	15.081	15/16	.9375	23.812
17/64	.2656	6.746	39/64	.6093	15.478	61/64	.9531	24.209
9/32	.2812	7.143	5/8	.625	15.875	31/32	.9687	24.606
19/64	.2968	7.540	41/64	.6406	16.271	63/64	.9843	25.003
5/16	.3125	7.937	21/32	.6562	16.668	1	1.000	25.400
21/64	.3281	8.334	43/64	.6718	17.065			
11/32	.3437	8.731	11/16	.6875	17.462			

Soldering

Applying Flux - A non-aggressive soldering flux is recommended. Stir the flux before use. A good flux will dissolve and remove traces of residual oxides from the surfaces to be joined, protect the surfaces from re-oxidation during heating and promote the wetting of the surfaces by the solder. A thin, even coating of flux should be applied with a brush to both tube and fitting. Avoid the use of fingers to apply flux. Chemicals in the flux can be harmful if carried to the eyes or open cuts.

Types of Solder - There are a variety of solders available that will produce sound, leak-tight joints. Solders that are used for piping applications contain tin and varying amounts of either antimony, copper, lead or silver. Choice of solder will depend upon application and local codes. For potable water systems, solders which do not contain lead are the best choice.

Assembly - After both surfaces are properly fluxed, they should be assembled by placing the fitting on the tube, making sure the tube seats against the base of the fitting socket. A slight twisting motion is suggested to ensure even coverage by the flux. Remove the excess flux with a rag. Because of the heat that is required during soldering and brazing, only cotton rags should be used. Complete all prepared joints within a single work day. Care must be taken to assure that the tube and fittings are properly supported with a reasonable, uniform capillary space around the entire circumference of the joint. Uniformity of capillary space will ensure good filler metal penetration if the guidelines of successful joint making are followed. Excessive joint clearance can cause the filler metal to crack under stress or vibration.

Heating - Because of the open flame and high temperatures required for soldering and the flammability of the gases used, safety precautions must be observed. The heat is generally applied by use of an air/fuel torch. These torches can cause acetylene or a variety of LP gases. Electric resistance pliers can also be used.

Heating should begin with the flame perpendicular to the tube. This preheat will conduct the initial heat into the socket for even distribution of heat inside and out. Preheating depends upon the size of the joint - experience will indicate the proper amount of time. The flame should not be moved onto the fitting. Move the flame from the fitting socket onto the tube a distance equal to the fitting socket. Touch the solder to the joint. If the solder does not melt, remove it and continue the heating process. Be careful not to overheat or direct the flame into the fitting cup. This action can cause the flux to burn and destroy its effectiveness. When the melting temperature has been reached, heat may be applied to the base of the cup to aid capillary action in drawing the solder into the cup.

Applying Solder - When the tube is in a horizontal position, start applying the solder slightly off-center of the bottom of the joint. Proceed across the bottom of the fitting and up to the top-center position. Return to the point of beginning, overlap the starting point and then proceed up the incompleting side to the top. Again, overlapping the solder. Molten solder will be drawn into the joint by capillary action regardless if the solder is being fed upward, downward or horizontally.

Cooling & Cleaning - After the joint has been completed, natural cooling is best. Shock cooling may cause unnecessary stresses on the joint and may result in eventual failure. Once the fitting is cool, clean off any remaining flux with a wet rag.

Brazing

Applying Flux - The fluxes used for brazing copper joints are different in composition from soldering fluxes. They cannot, and should not, be used interchangeably.

Brazing fluxes are water based. Similar to soldering fluxes, brazing fluxes dissolve and remove residual oxides from the metal surfaces, they protect the metal surfaces from re-oxidation during heating and they promote the wetting of the surfaces to be joined by the brazing filler metal. Fluxes also provide the craftsman with an indication of temperature. Application of the flux is the same

as when soldering. If the outside of the fitting and the heat affected area of the tube are covered with flux, it will prevent oxidation and greatly improve the appearance of the joint.

Brazing Filler Metals - There are two general types of brazing filler metal used for joining copper tube: BCuP (Brazing - Copper - Phosphorus) and BAg (Brazing - Silver). These brazing filler metals are classified according to their components.

BCuP filler metals are preferred for joining copper tube and fittings. The phosphorus in these filler metals acts as a fluxing agent and the lower percentage of silver makes them relatively low cost filler metals. When using copper tube, wrought copper fittings and BCuP brazing filler metal, fluxing is an option due to the self-fluxing action of the phosphorus present in all components of the brazed joint.

The choice of brazing filler metals depends upon four main factors:

- dimensional tolerance of the joint
- type and material of fitting (cast or wrought)
- desired appearance
- cost

Heating - Oxy/fuel torches are generally used when brazing because of the higher temperatures required. Due to recent innovations in air/fuel torch tip design, they can now be used on a wider variety of size for soldering and brazing.

When working with temperatures this high, safety precautions must be followed and care taken to protect both the operator and the materials being used.

The heating operation is the same as for soldering. First preheat the tube and then the tube and fitting. When the brazing filler metal starts to melt, apply the heat at the base of the fitting socket to help draw the brazing filler metal in by capillary action.

Applying Brazing Filler Metal - Remember to allow the heat of the joint to melt the filler metal. Do not melt the filler metal with the torch. The melted filler metal will be drawn into the joint by capillary action. It is very important that the flame be in continuous motion and should not be allowed to remain on any one point long enough to burn through the tube or fitting. When the joint is complete, a continuous filler should be visible completely around the joint. If the filler metal fails to flow, or has the tendency to ball-up, it indicates oxidation on the metal surfaces or insufficient heat on the parts to be joined. If the filler metal refuses to enter the joint and tends to flow over the outside of either part of the joint, it indicates that this part is overheated or that the other part is underheated.

Cooling and Cleaning - When the joint is complete, allow it to cool naturally. Flux residues can be removed by washing with hot water and brushing with a stainless steel wire brush.

Summary

If the parts to be joined are properly prepared, properly heated and the correct filler metal is used, the finished joint should be sound. Soldered or brazed copper piping systems, when installed properly, will provide years of safe and reliable service. Proper training of the correct installation techniques, such as those just covered, will give the craftsman the ability to achieve consistently reliable soldered and brazed joints in all diameters.

Prepared with technical assistance from the Copper Development Association.

Comparison Chart of Product Numbers

Mueller #	EPC #	Mueller #	EPC #	Mueller #	EPC #	Mueller #	EPC #	Mueller #	EPC #	Mueller #	EPC #	Mueller #	EPC #	Mueller #	EPC #
A 01203	10020353	W 01115	10020039	W 01325	10020300	W 01913	10020339	W 02728	10020255	W 04052	10020421	W 10144	10020890	W 40174	10020584
A 01278	10020354	W 01116	10020042	W 01326	10020301	W 02003	10020208	W 02734	10020257	W 04055	10020422	W 10145	10020155	W 40178	10020659
A 01366	10020355	W 01123	10020044	W 01327	10020302	W 02009	10020209	W 02735	10020258	W 04056	10020423	W 10146	10020157	W 40179	10020660
A 01467	10020357	W 01124	10020045	W 01328	10020303	W 02011	10020513	W 02736	10020259	W 04058	10020424	W 10147	10020158	W 40181	10020658
A 02529	10020356	W 01125	10020043	W 01337	10020304	W 02017	10020210	W 02747	10020262	W 04059	10020425	W 10148	10020159	W 40190	10020588
A 02574	10020358	W 01126	10020046	W 01338	10020305	W 02019	10020894	W 02749	10020993	W 04061	10020426	W 10149	10020160	W 40191	10020529
A 02614	10020359	W 01129	10020048	W 01339	10020306	W 02022	10020211	W 02755	10020263	W 04062	10020427	W 10150	10020161	W 40192	10020530
A 02650	10020360	W 01130	10020049	W 01340	10020307	W 02023	10020212	W 02809	10020269	W 04063	10020428	W 10151	10020162	W 40193	10021002
A 02675	10020361	W 01131	10020047	W 01343	10020308	W 02025	10020664	W 02817	10020270	W 04065	10020403	W 10152	10020163	W 40194	10021003
A 02708	10020996	W 01132	10020050	W 01345	10020309	W 02028	10020213	W 02822	10020271	W 04067	10020387	W 10153	10020164	W 40195	10020531
A 03167	10020537	W 01133	10020051	W 01347	10020310	W 02029	10020214	W 02828	10020272	W 04068	10020429	W 10154	10020165	W 40196	10020708
A 03168	10020538	W 01138	10020052	W 01350	10020311	W 02034	10020215	W 02834	10020273	W 04069	10020432	W 10155	10020166	W 40197	10020662
A 03171	10020539	W 01139	10020053	W 01351	10020312	W 02036	10020216	W 02847	10020274	W 04070	10020433	W 10156	10020167	W 40198	10020661
A 07679	10020287	W 01145	10020055	W 01353	10020313	W 02040	10020261	W 03005	10020182	W 04071	10020434	W 10157	10020156	W 40200	10020589
A 11351	10020288	W 01146	10020054	W 01355	10020314	W 02047	10020262	W 03012	10020183	W 04073	10020435	W 10900	10020624	W 40204	10020525
A 11352	10020289	W 01147	10020056	W 01358	10020315	W 02049	10020217	W 03021	10020184	W 04074	10020436	W 40100	10020431	W 40205	10020526
A 11353	10020290	W 01150	10020074	W 01359	10020316	W 02051	10020218	W 03026	10020185	W 04075	10020437	W 40101	10020655	W 40206	10020527
A 11367	10020094	W 01161	10020058	W 01360	10020317	W 02056	10020220	W 03030	10020186	W 04076	10020438	W 40102	10020466	W 40208	10020528
A 11395	10020093	W 01162	10020059	W 01362	10020318	W 02063	10020264	W 03034	10020187	W 04078	10020439	W 40103	10020468	W 40212	10020524
A-01211	10020653	W 01163	10020057	W 01364	10020319	W 02064	10020665	W 03044	10020188	W 04079	10020440	W 40104	10020469	W 40213	10020519
W 01001	10020109	W 01164	10020060	W 01367	10020320	W 02065	10020994	W 03050	10020189	W 04080	10020441	W 40105	10020470	W 40215	10020520
W 01003	10020956	W 01165	10020061	W 01368	10020321	W 02072	10020265	W 03055	10020190	W 04081	10020442	W 40106	10020471	W 40216	10020522
W 01004	10020991	W 01170	10020063	W 01369	10020322	W 02073	10020332	W 03059	10020191	W 04082	10020417	W 40107	10020472	W 40220	10020557
W 01009	10020694	W 01171	10020062	W 01370	10020323	W 02077	10020222	W 03063	10020192	W 04083	10020443	W 40109	10020473	W 40221	10020559
W 01010	10020112	W 01172	10020064	W 01376	10020324	W 02078	10020224	W 03067	10020193	W 04084	10020444	W 40110	10020474	W 40222	10020560
W 01011	10020625	W 01173	10020065	W 01377	10020325	W 02082	10020266	W 03070	10020194	W 04085	10020446	W 40111	10020475	W 40230	10020414
W 01017	10020690	W 01178	10020067	W 01378	10020326	W 02083	10020226	W 03073	10020195	W 04086	10020447	W 40112	10020476	W 40232	10020415
W 01019	10020113	W 01179	10020066	W 01379	10020327	W 02084	10020219	W 03312	10020196	W 04087	10020448	W 40113	10020477	W 40237	10020459
W 01021	10020114	W 01180	10020068	W 01381	10020328	W 02085	10020221	W 03321	10020197	W 04088	10020449	W 40114	10020478	W 40238	10020463
W 01022	10020603	W 01181	10020069	W 01382	10020329	W 02086	10020223	W 03326	10020198	W 04090	10020450	W 40115	10020479	W 40239	10020461
W 01023	10020115	W 01187	10020070	W 01383	10020340	W 02087	10020225	W 03330	10020199	W 04091	10020451	W 40116	10020480	W 40240	10020462
W 01025	10020116	W 01188	10020504	W 01386	10020341	W 02088	10020227	W 03334	10020200	W 04092	10020452	W 40117	10020481	W 40243	10020464
W 01027	10020117	W 01189	10020071	W 01387	10020342	W 02089	10020229	W 03344	10020201	W 04093	10020453	W 40118	10020482	W 40244	10020465
W 01028	10020604	W 01196	10020072	W 01388	10020343	W 02090	10020230	W 03350	10020202	W 04094	10020454	W 40119	10020483	W 40245	10020485
W 01029	10020118	W 01199	10020073	W 01389	10020344	W 02092	10020267	W 03355	10020203	W 04095	10020455	W 40120	10020484	W 40247	10020486
W 01030	10020119	W 01206	10020000	W 01425	10020076	W 02093	10020640	W 03359	10020204	W 04096	10020456	W 40121	10020445	W 40249	10020489
W 01031	10020120	W 01207	10020500	W 01431	10020077	W 02095	10020641	W 03363	10020205	W 04097	10020457	W 40122	10020430	W 40250	10020558
W 01034	10020122	W 01214	10020002	W 01432	10020241	W 02097	10020512	W 03368	10020206	W 04098	10020458	W 40123	10020490	W 40278	10020487
W 01035	10020121	W 01215	10020666	W 01446	10020078	W 02305	10020231	W 03373	10020627	W 04099	10020460	W 40124	10020492	W 40302	10020362
W 01036	10020123	W 01216	10020003	W 01447	10020506	W 02312	10020232	W 04000	10020371	W 04106	10020535	W 40125	10020493	W 40306	10020363
W 01037	10020124	W 01223	10020005	W 01463	10020079	W 02321	10020233	W 04001	10020379	W 04131	10020536	W 40126	10020656	W 40313	10020367
W 01038	10020125	W 01224	10020006	W 01471	10020080	W 02326	10020234	W 04002	10020381	W 06020	10020345	W 40127	10020657	W 40324	10020374
W 01040	10020606	W 01225	10020004	W 01479	10020081	W 02330	10020235	W 04003	10020383	W 06032	10020348	W 40128	10020494	W 40325	10020375
W 01047	10020608	W 01226	10020007	W 01487	10020082	W 02334	10020236	W 04004	10020654	W 06036	10020347	W 40129	10020495	W 40330	10020376
W 01049	10020126	W 01230	10020009	W 01525	10020029	W 02344	10020237	W 04005	10020373	W 06051	10020647	W 40130	10020496	W 40332	10020378
W 01050	10020127	W 01231	10020008	W 01526	10020028	W 02350	10020275	W 04006	10020386	W 06056	10020351	W 40131	10020497	W 40350	10020382
W 01051	10020128	W 01232	10020010	W 01531	10020030	W 02355	10020276	W 04007	10020390	W 06058	10020350	W 40132	10020498	W 40358	10020384
W 01052	10020129	W 01233	10020011	W 01546	10020031	W 02359	10020277	W 04008	10020391	W 06060	10020349	W 40133	10020499	W 40363	10020385
W 01055	10020610	W 01238	10020012	W 01563	10020032	W 02363	10020278	W 04009	10020393	W 06074	10020648	W 40134	10020550	W 40368	10020365
W 01056	10020130	W 01239	10020013	W 01571	10020033	W 02368	10020642	W 04010	10020394	W 06092	10020649	W 40135	10020551	W 40400	10020590
W 01058	10020131	W 01245	10020015	W 01579	10020034	W 02384	10020238	W 04012	10020706	W 07002	10020095	W 40136	10020552	W 40500	10020591
W 01060	10020132	W 01246	10020014	W 01587	10020035	W 02385	10020239	W 04013	10020395	W 07004	10020096	W 40137	10020553	W 40503	10020534
W 01063	10020612	W 01247	10020016	W 01706	10020084	W 02386	10020240	W 04014	10020392	W 07006	10020097	W 40138	10020554	W 40504	10020533
W 01064	10020133	W 01261	10020018	W 01712	10020085	W 02387	10020242	W 04015	10020380	W 07007	10020098	W 40139	10020555	W 40505	10020532
W 01065	10020134	W 01263	10020017	W 01715	10020330	W 02388	10020243	W 04016	10020372	W 07008	10020099	W 40140	10020556	W 60110	10020651
W 01067	10020135	W 01264	10020019	W 01717	10020086	W 02389	10020244	W 04017	10020396	W 07009	10020100	W 40144	10020467	W 60111	10020650
W 01069	10020136	W 01265	10020020	W 01720	10020087	W 02390	10020629	W 04019	10020399	W 07011	10020101	W 40145	10020569	W 60140	10020652
W 01072	10020614	W 01270	10020022	W 01721	10020088	W 02393	10020643	W 04020	10020400	W 07012	10020102	W 40146	10020568	W 60999	10020281
W 01073	10020137	W 01271	10020021	W 01725	10020089	W 02395	10020644	W 04022	10020401	W 07013	10020103	W 40147	10020567	W 61000	10020283
W 01073	10020137	W 01272	10020023	W 01726	10020331										

Comparison Chart of Product Numbers

NIBCO #	EPC #	NIBCO #	EPC #	NIBCO #	EPC #	NIBCO #	EPC #	NIBCO #	EPC #	NIBCO #	EPC #	NIBCO #	EPC #
9000103	10020109	9008020	10020296	9028300	10020030	9055860	10020218	9082450	10020510	9100900	10020443	9108500	10020659
9000153	10020956	9008040	10020297	9028400	10020177	9055950	10020219	9082500	10020645	9101150	10020444	9108850	10020660
9000200	10020991	9008050	10020298	9028500	10020031	9056100	10020220	9095500	10020362	9101250	10020445	9109550	10020588
9000253	10020110	9008060	10020299	9028750	10020032	9056150	10020221	9095550	10020363	9101300	10020446	9112150	10020589
9000300	10020111	9008080	10020300	9029000	10020033	9056200	10020222	9095600	10020365	9101350	10020447	9112300	10020661
9000350	10020622	9008101	10020301	9029150	10020034	9056400	10020223	9095750	10020367	9101400	10020448	9112350	10020662
9000353	10020694	9008150	10020302	9029300	10020035	9056450	10020224	9095900	10020369	9101450	10020449	9112410	10020708
9000400	10020112	9008300	10020304	9030150	10020038	9056650	10020225	9095950	10020370	9101650	10020450	9112450	10020531
9000450	10020625	9008320	10020305	9030200	10020039	9056900	10020227	9096000	10020371	9101700	10020451	9112550	10021002
9001000	10020890	9008350	10020306	9030350	10020043	9057100	10020229	9096050	10020372	9101750	10020452	9113100	10020528
9001003	10020690	9008400	10020307	9030450	10020044	9057200	10020230	9096100	10020373	9101800	10020453	9113200	10020527
9001020	10020113	9008500	10020308	9030500	10020045	9059000	10020232	9096150	10020375	9101850	10020454	9113250	10020526
9001060	10020114	9008550	10020309	9030601	10020047	9059050	10020233	9096210	10020374	9101900	10020455	9113300	10020525
9001100	10020155	9008600	10020310	9030700	10020048	9059250	10020238	9096400	10020376	9101950	10020456	9113500	10020524
9001101	10020603	9008750	10020311	9030751	10020049	9059300	10020239	9096450	10020378	9102000	10020457	9113900	10020522
9001150	10020115	9008800	10020312	9030800	10020050	9059350	10020240	9096500	10020379	9102050	10020458	9169300	10020287
9001170	10020116	9008850	10020313	9030840	10020051	9059400	10020242	9096600	10020380	9102100	10020459	9169350	10020288
9001180	10020117	9008900	10020314	9030870	10020052	9059450	10020243	9096650	10020381	9102150	10020460	9169400	10020289
9001190	10020156	9009050	10020315	9030880	10020053	9060400	10020247	9096800	10020382	9102200	10020461	9172500	10020095
9001193	10020604	9009100	10020316	9030951	10020054	9060500	10020268	9096850	10020383	9102250	10020462	9172550	10020096
9001210	10020118	9009150	10020317	9031150	10020055	9060600	10020630	9096900	10020654	9102300	10020463	9172600	10020097
9001220	10020119	9009200	10020318	9031200	10020056	9060650	10020896	9096950	10020384	9102350	10020464	9172651	10020098
9001230	10020120	9009250	10020319	9031351	10020057	9070500	10020211	9097050	10020385	9102400	10020465	9172670	10020099
9001250	10020157	9009350	10020320	9031400	10020058	9070500	10020514	9097201	10020386	9102600	10020466	9172701	10020100
9001251	10020122	9009400	10020321	9031500	10020059	9070550	10020213	9097250	10020387	9102750	10020467	9172751	10020101
9001270	10020121	9009450	10020322	9031540	10020061	9070550	10020990	9097300	10020388	9102800	10020468	9172800	10020102
9001301	10020123	9009500	10020323	9031550	10020060	9070600	10020215	9097350	10020389	9102850	10020469	9172850	10020103
9001350	10020124	9009650	10020324	9031700	10020062	9070600	10020515	9097400	10020390	9102900	10020470	9172900	10020104
9001370	10020125	9009700	10020325	9031800	10020063	9070650	10020626	9097450	10020391	9102950	10020471	9172950	10020105
9001393	10020606	9009750	10020326	9031850	10020064	9070650	10020602	9097500	10020393	9103000	10020472	9173000	10020106
9001451	10020158	9009950	10020328	9032000	10020066	9072500	10020234	9097550	10020394	9103100	10020473	9173100	10020108
9001453	10020608	9010300	10020341	9032090	10020069	9072500	10020635	9097800	10020396	9103150	10020474	9177500	10020084
9001500	10020126	9010350	10020342	9032100	10020068	9072550	10020235	9097900	10020397	9103200	10020475	9177550	10020085
9001520	10020127	9010400	10020343	9032110	10020067	9072550	10020636	9097950	10020398	9103250	10020476	9177570	10020086
9001550	10020128	9010450	10020344	9032300	10020070	9072600	10020236	9098000	10020399	9103300	10020477	9177600	10020330
9001600	10020129	9020200	10020169	9032450	10020504	9072600	10020637	9098050	10020400	9103400	10020479	9177650	10020087
9001700	10020159	9020250	10020170	9032610	10020072	9072650	10020237	9098150	10020401	9103450	10020480	9177670	10020091
9001703	10020610	9020300	10020171	9032820	10020073	9072650	10020638	9098401	10020402	9103500	10020481	9177680	10020089
9001750	10020130	9020350	10020172	9032870	10020074	9077500	10020248	9098450	10020403	9103550	10020482	9177700	10020331
9001800	10020131	9020400	10020173	9033800	10020076	9077550	10020249	9098500	10020404	9103700	10020485	9177750	10020090
9001850	10020132	9020500	10020174	9033900	10020077	9077600	10020250	9098551	10020405	9103850	10020486	9177800	10020692
9002000	10020160	9020550	10020175	9033950	10020505	9077650	10020251	9098600	10020406	9104000	10020487	9177850	10020620
9002003	10020612	9020600	10020176	9034000	10020241	9077750	10020252	9098650	10020407	9104250	10020489	9177900	10020092
9002050	10020133	9020650	10020616	9034050	10020078	9077850	10020254	9098800	10020408	9104450	10020490	9179230	10020094
9002100	10020134	9020700	10020178	9034300	10020079	9077900	10020639	9098851	10020409	9104650	10020492	9213250	10020353
9002150	10020135	9020750	10020179	9042500	10020182	9078000	10020255	9098901	10020410	9104700	10020493	9213300	10020354
9002200	10020136	9020800	10020180	9042600	10020183	9078050	10020256	9099000	10020414	9104750	10020656	9213350	10020355
9002350	10020161	9020850	10020339	9042700	10020184	9078150	10020257	9099100	10020415	9104800	10020657	9213400	10020356
9002353	10020614	9024050	10020500	9042801	10020185	9078200	10020258	9099301	10020416	9104900	10020495	9213450	10020357
9002400	10020137	9024080	10020000	9042860	10020186	9078250	10020259	9099350	10020655	9104950	10020496	9213500	10020358
9002400	10020137	9024100	10020666	9042901	10020187	9078400	10020262	9099400	10020417	9105000	10020497	9213550	10020359
9002450	10020138	9024400	10020004	9043001	10020188	9078450	10020993	9099451	10020418	9105050	10020498	9213600	10020360
9002500	10020139	9024500	10020006	9043100	10020189	9078600	10020263	9099500	10020419	9105100	10020499	9213650	10020361
9002550	10020140	9024550	10020007	9043200	10020190	9078750	10020264	9099551	10020420	9105150	10020550	9213700	10020996
9002570	10020141	9024651	10020008	9043300	10020191	9078900	10020265	9099600	10020421	9105200	10020551	9256200	10020333
9002650	10020162	9024751	10020009	9043400	10020192	9079050	10020266	9099700	10020422	9105300	10020553	9256300	10020594
9002700	10020142	9024800	10020010	9043500	10020193	9079100	10020267	9099750	10020423	9105400	10020557	9256400	10020595
9002750	10020143	9024850	10020011	9043700	10020195	9079200	10020641	9099800	10020424	9105900	10020559	9256500	10020596
9002800	10020144	9024900	10020013	9046000	10020196	9080000	10020268	9099900	10020426	9106200	10020560	9256600	10020597
9002850	10020145	9024951	10020014	9046100	10020197	9080050	10020269	9099950	10020427	9106600	10020561	9292000	10020995
9003050	10020163	9025050	10020015	9046201	10020198	9080150	10020270	9100000	10020428	9106750	10020563	9292050	10020345
9003100	10020146	9025100	10020016	9046250	10020199	9080250	10020271	9100050	10020429	9106800	10020564	9292100	10020348
9003150	10020147	9025251	10020017	9046301	10020200	9080350	10020272	9100100	10020430	9106850	10020565	9292150	10020647
9003200	10020148	9025350	10020018	9046400	10020201	9080400	10020273	9100150	10020431	9106900	10020566	9292250	10020649
9003450	10020164	9025370	10020020	9046500	10020202	9080600	10020274	9100200	10020432	9106950	10020567	9292350	10020651
9003500	10020149	9025400	10020019	9046600	10020203	9080700	10020275	9100250	10020433	9107000	10020568	9292500	10020652
9003850	10020165	9025550	10020021	9046700	10020204	9080800	10020276	9100300	10020434	9107050	10020569	9800200	10020282
9003900	10020150	9025660	10020022	9046800	10020205	9080850	10020277	910045					



Marketing Policy

Delays:

All orders are accepted subject to the understanding that we are not responsible for delays caused by fires, floods, accidents, strikes or other circumstances beyond our control.

Warranty:

Elkhart Products Corporation, Plumbing Products Division, warrants that all fittings will be free from defects in materials and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

Dimensions:

Recognizing the need for dimensions to enable our customers to figure tube lengths, we have included roughing-in dimensions in this catalog. These dimensions are furnished in accordance with the latest information available at the time of publication and are for estimating purposes only. If more exact information is required, it is suggested that the factory be consulted.

Packaging:

EPC Wrot fittings are packaged in cartons with easy to read labels to facilitate handling and identification. No individual carton contains more than 100 pieces and most items are packaged in master cartons clearly marked with identifying labels. Box quantities are shown in the catalog next to each item. Where no quantities are shown, packaging will be subject to customer's specification.

Also available in individual bags with bar coding.

Factory Option Items:

Factory option items (indicated by an asterisk) are available with an 8-10 week lead time and special pricing. They are non-cancelable and non-returnable. Elkhart Products cannot be responsible for delays on special order items.

Special Cleaning:

EPC fittings may be cleaned and bagged or cleaned and capped for oxygen orders. Consult the EPC representative nearest you for price and delivery.

Net Weights:

Approximate net weights in pounds are shown for each item in the catalog for the purpose of estimating the weight of shipments to meet the terms for freight allowance.

Sizes:

Unless otherwise specifically stated, all copper end sizes shown in this catalog are nominal tube sizes. For the guidance of the refrigeration trade and others accustomed to dealing in "O.D. tube sizes," the nominal size of a fitting is always 1/8" less than the actual O.D. size of the tube used with it.

Return Goods:

A 25% restocking charge will apply to all goods returned, not due to defects in materials, workmanship, or shipping errors. Please consult your EPC representative for return goods authorization.

Elkhart Products Corporation reserves the right to change packaging, product design or material specifications without prior notice. Information contained in this catalog is correct at time of printing. Elkhart Products Corporation assumes no responsibility for any typographic or printing errors.



Elkhart Products Corporation

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Press Fittings

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Schedule 80 CPVC Fittings
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EPC

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APOLLOXPRESS[®]
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90° Elbow
Large Diameter Close Turn



Male Adapter
Large Diameter



Large Diameter Flange
Floating Flange Feature



Copper Couplings
Large Diameter



Features & BENEFITS

American Made **Quality** you can **Depend On**

VISUAL and **Mechanical Leak Before Press** feature on our large diameter fittings

Short turn elbows for space saving alternatives

Fully supported on BIM

Unique Floating flanges can be put back in place during installation

Lead Free

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Elkhart Products Corporation

For the perfect fit



Large Diameter Reducing Run Outlet Tee



Single Piece Reducing Outlet Tee

Large Diameter Coupling with Stop



Small Diameter Coupling

Features & BENEFITS

Height reduction resulting in **smaller envelope**.

Deepest cup depth on the market.

Mechanical **leak before press** on small diameter, 120 degree turn

Lighter construction

One piece **welded construction tees**

Custom Factory welded by **certified welders**

100% water tested weld or press

APOLLOXPRESS®

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BALL VALVES
Available in Sizes 1/2" to 4"



WATER PRESSURE REDUCING VALVES
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PRICE LIST

XPR-12 EFFECTIVE JULY 1, 2014

REV 9/11/2014



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EPC

COUPLINGS



800
C x C

Copper Coupling with Stop					
Item #	Nominal Size	Inner	Master	List	
10075500	½	10	100	\$3.18	
10075502	¾	10	100	\$4.81	
10075504	1	5	50	\$9.70	
10075506	1¼	1	50	\$12.03	
10075508	1½	1	40	\$22.41	
10075510	2	1	25	\$28.58	



800
C x C

Copper Large Diameter Coupling with Stop					
Item #	Nominal Size	Inner	Master	List	
10061947	2½	1	10	\$91.39	
10061952	3	1	10	\$116.38	
10061957	4	1	3	\$161.59	



801
C x C

Copper Coupling without Stop					
Item #	Nominal Size	Inner	Master	List	
10075513	½	10	150	\$7.61	
10075515	¾	10	100	\$10.40	
10075517	1	5	50	\$12.73	
10075521	1¼	1	50	\$19.38	
10075523	1½	1	35	\$29.86	
10075527	2	1	25	\$34.76	



801
C x C

Copper Large Diameter Coupling without Stop					
Item #	Nominal Size	Inner	Master	List	
10061932	2½	1	10	\$90.90	
10061937	3	1	10	\$117.38	
10061942	4	1	3	\$161.36	



801
C x C

Copper Coupling without Stop - Extended Length					
Item #	Nominal Size	Inner	Master	List	
10075030	½	10	150	\$22.38	
10075032	¾	10	100	\$24.90	
10075034	1	5	50	\$31.46	

2

REDUCING COUPLINGS



801-R
C x C

Copper Reducer Coupling					
Item #	Nominal Size	Inner	Master	List	
10075900	¾ x ½	10	200	\$14.37	
10075144	1 x ½	10	100	\$25.08	
10075898	1 x ¾	10	100	\$16.48	
10066073	1¼ x ½	1	50	\$58.34	
10066001	1¼ x ¾	1	50	\$37.07	
10075896	1¼ x 1	1	50	\$23.92	
10066380	1½ x ½	1	25	\$77.79	
10066381	1½ x ¾	5	30	\$44.30	
10066003	1½ x 1	1	25	\$39.76	
10075128	1½ x 1¼	1	50	\$35.21	
10066082	2 x ½	1	15	\$103.71	
10066398	2 x ¾	1	10	\$41.38	
10066005	2 x 1	1	15	\$60.25	
10066072	2 x 1¼	1	15	\$50.13	
10075130	2 x 1½	1	25	\$39.64	



801-R
C x C

Copper Large Diameter Reducer Coupling					
Item #	Nominal Size	Inner	Master	List	
10066440	2½ x 1	1	10	\$171.06	
10066441	2½ x 1¼	1	10	\$177.86	
10066442	2½ x 1½	1	10	\$179.71	
10066074	2½ x 2	1	10	\$180.87	
10066444	3 x ¾	1	5	\$193.73	
10066445	3 x 1½	1	5	\$198.86	
10066446	3 x 2	1	5	\$199.36	
10066076	3 x 2½	1	5	\$233.73	
10066447	4 x 2	1	3	\$247.95	
10066151	4 x 2½	1	3	\$273.75	
10066152	4 x 3	1	3	\$301.37	

All fittings meet or exceed current low lead/no lead state requirements



FEMALE ADAPTERS & REDUCING ADAPTERS



803
C x F

Lead Free Brass Female Adapter				
Item #	Nominal Size	Inner	Master	List
10075750	½	10	150	\$5.26
10075752	¾	10	150	\$8.55
10075754	1	10	100	\$15.76
10075756	1¼	1	30	\$35.55
10075758	1½	1	30	\$51.67
10075760	2	1	20	\$87.71
Lead Free Brass Female Adapter - INTERNATIONAL				
10075200	½	10	150	\$5.00
10075206	¾	10	150	\$8.12
10075212	1	10	100	\$14.97
10075218	1¼	1	30	\$33.77
10075226	1½	1	30	\$49.09
10075228	2	1	20	\$83.32



803-R
C x F

Lead Free Brass Female Reducing Adapter				
Item #	Nominal Size	Inner	Master	List
10075780	½ x ¾	10	150	\$5.44
10075782	½ x ¾	10	150	\$10.79
10075784	¾ x ½	10	150	\$7.88
10075796	1 x ½	5	50	\$27.40
10075798	1 x ¾	5	50	\$27.80
10075800	1 x 1¼	5	50	\$29.19
10075786	1¼ x ½	1	30	\$70.56
10075788	1¼ x 1	1	50	\$35.23
10075790	1¼ x 1½	1	50	\$47.56
10075792	1½ x ¾	1	50	\$20.83
10075794	1½ x 1¼	10	50	\$49.61
Lead Free Brass Female Reducing Adapter - INTERNATIONAL				
10075196	½ x ¾	10	150	\$5.17
10075202	½ x ¾	10	150	\$10.25
10075204	¾ x ½	10	150	\$7.49
10075208	1 x ½	5	50	\$26.03
10075210	1 x ¾	5	50	\$26.41
10075214	1 x 1¼	5	50	\$27.73
10075217	1¼ x ½	1	30	\$67.03
10075216	1¼ x 1	1	50	\$33.47
10075220	1¼ x 1½	1	50	\$45.18
10075222	1½ x ¾	1	50	\$19.79
10075224	1½ x 1¼	10	50	\$47.13

3

FEMALE STREET ADAPTERS & REDUCING STREET ADAPTERS



803-2
FTG x F

Lead Free Brass Female Street Adapter				
Item #	Nominal Size	Inner	Master	List
10075762	½	10	150	\$16.55
10075768	¾	10	150	\$24.41
10075772	1	10	100	\$36.65
10075774	1¼	1	40	\$63.87
10075776	1½	1	30	\$71.21
10075778	2	1	20	\$120.65
Lead Free Brass Female Street Adapter - INTERNATIONAL				
10075260	½	10	150	\$15.72
10075266	¾	10	150	\$23.19
10075268	1	10	100	\$34.82
10075270	1¼	1	40	\$60.68
10075272	1½	1	30	\$67.65
10075274	2	1	20	\$114.62



803-2-R
FTG x F

Lead Free Brass Female Reducing Street Adapter				
Item #	Nominal Size	Inner	Master	List
10075764	½ x ¾	5	150	\$16.60
10075766	½ x ¾	5	150	\$17.77
10075770	¾ x ½	5	150	\$20.58
10075804	1 x ½	10	100	\$34.47
10075802	1¼ x ½	1	40	\$60.00
Lead Free Brass Female Reducing Street Adapter - INTERNATIONAL				
10075258	½ x ¾	5	150	\$16.60
10075262	½ x ¾	5	150	\$17.77
10075264	¾ x ½	5	150	\$20.58
10075267	1 x ½	10	100	\$34.47
10075271	1¼ x ½	1	40	\$60.00

All fittings meet or exceed current low lead/no lead state requirements



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XPR-12
Effective 7-1-14
Rev 9-11-14

MALE ADAPTERS & REDUCING ADAPTERS



804
C x M

Lead Free Brass Male Adapter					
Item #	Nominal Size	Inner	Master	List	
10075806	½	10	150	\$4.44	
10075808	¾	10	150	\$8.04	
10075844	1	10	100	\$14.72	
10075810	1¼	1	50	\$32.22	
10075812	1½	1	30	\$45.18	
10075814	2	1	25	\$86.99	
Lead Free Brass Male Adapter - INTERNATIONAL					
10075232	½	10	150	\$4.22	
10075238	¾	10	150	\$7.63	
10075242	1	10	100	\$13.99	
10075248	1¼	1	50	\$30.61	
10075254	1½	1	30	\$42.92	
10075256	2	1	25	\$82.64	
Copper Large Diameter Male Adapter					
10061982	2½	1	10	\$183.47	
10061987	3	1	10	\$230.82	
10061992	4	1	3	\$267.19	



804
C x M



804-R
C x M

Lead Free Brass Male Reducing Adapter					
Item #	Nominal Size	Inner	Master	List	
10075836	½ x ¾	5	150	\$6.72	
10075838	½ x ¾	10	150	\$8.71	
10075840	¾ x ½	10	150	\$9.13	
10075842	¾ x 1	5	100	\$20.87	
10075854	1 x ¾	5	100	\$23.41	
10075856	1 x 1¼	5	50	\$29.15	
10075846	1¼ x 1	1	50	\$33.58	
10075848	1¼ x 1½	1	50	\$35.85	
10075850	1½ x 1¼	1	50	\$45.05	
10075852	1½ x 2	1	30	\$98.62	
10075858	2 x 1½	1	25	\$81.79	
Lead Free Brass Male Reducing Adapter - INTERNATIONAL					
10075230	½ x ¾	5	150	\$6.39	
10075234	½ x ¾	10	150	\$8.28	
10075236	¾ x ½	10	150	\$8.67	
10075237	¾ x 1	5	100	\$19.82	
10075240	1 x ¾	5	100	\$22.24	
10075244	1 x 1¼	5	50	\$27.70	
10075246	1¼ x 1	1	50	\$31.90	
10075250	1¼ x 1½	1	50	\$34.06	
10075252	1½ x 1¼	1	50	\$42.80	
10075253	1½ x 2	1	30	\$93.69	
10075257	2 x 1½	1	25	\$77.70	

4

MALE STREET ADAPTERS & REDUCING STREET ADAPTERS



804-2
FTG x M

Lead Free Brass Male Street Adapter					
Item #	Nominal Size	Inner	Master	List	
10075816	½	10	150	\$15.13	
10075822	¾	10	150	\$25.29	
10075826	1	10	100	\$37.16	
10075828	1¼	1	40	\$50.28	
10075830	1½	1	30	\$74.98	
10075834	2	1	20	\$110.38	
Lead Free Brass Male Street Adapter - INTERNATIONAL					
10075280	½	10	150	\$14.37	
10075286	¾	10	150	\$24.02	
10075288	1	10	100	\$35.30	
10075290	1¼	1	40	\$47.77	
10075292	1½	1	30	\$71.23	
10075294	2	1	20	\$104.86	



804-2-R
FTG x M

Lead Free Brass Male Reducing Street Adapter					
Item #	Nominal Size	Inner	Master	List	
10075818	½ x ¾	5	150	\$16.18	
10075820	½ x ¾	5	150	\$24.62	
10075824	¾ x ½	5	150	\$24.88	
10075832	1 x ¾	10	100	\$38.12	
Lead Free Brass Male Reducing Street Adapter - INTERNATIONAL					
10075278	½ x ¾	5	150	\$15.37	
10075282	½ x ¾	5	150	\$23.39	
10075284	¾ x ½	5	150	\$23.64	
10075289	1 x ¾	10	100	\$36.21	

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XPR-12
Effective 7-1-14



45° ELBOWS & STREET ELBOWS



806
C x C

Copper 45° Elbow					
Item #	Nominal Size	Inner	Master	List	
10075060	½	10	100	\$4.10	
10075062	¾	10	100	\$5.03	
10075064	1	5	50	\$16.11	
10075090	1¼	1	50	\$23.09	
10075092	1½	1	30	\$37.42	
10075094	2	1	20	\$52.35	



806
C x C

Copper Large Diameter 45° Elbow					
Item #	Nominal Size	Inner	Master	List	
10062052	2½	1	10	\$121.20	
10062057	3	1	5	\$173.15	
10062062	4	1	3	\$240.46	



806-2
FTG x C

Copper 45° Street Elbow					
Item #	Nominal Size	Inner	Master	List	
10075054	½	10	100	\$3.17	
10075056	¾	10	100	\$4.69	
10075058	1	5	50	\$15.41	
10075084	1¼	1	50	\$22.27	
10075086	1½	1	30	\$34.05	
10075088	2	1	20	\$50.47	



806-2
FTG x C

Copper Large Diameter 45° Street Elbow					
Item #	Nominal Size	Inner	Master	List	
10062037	2½	1	10	\$139.92	
10062042	3	1	5	\$202.43	
10062047	4	1	3	\$255.74	

90° ELBOWS & REDUCING ELBOWS



807
C x C

Copper 90° Elbow					
Item #	Nominal Size	Inner	Master	List	
10075554	½	10	100	\$3.53	
10075556	¾	10	100	\$5.95	
10075052	1	10	50	\$11.92	
10075078	1¼	1	40	\$24.02	
10075080	1½	1	25	\$45.46	
10075082	2	1	10	\$63.18	



807-R
C x C

Copper 90° Reducing Elbow					
Item #	Nominal Size	Inner	Master	List	
10066101	¾ x ½	10	100	\$8.12	
10066099	1 x ½	5	50	\$16.24	
10066083	1 x ¾	5	50	\$18.43	

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LG. DIAMETER 90° CLOSE TURN ELBOWS, 90° REDUCING ELBOWS & 90° LONG TURN ELBOWS



807-C
C x C

Copper Large Diameter 90° Close Turn Elbow				
Item #	Nominal Size	Inner	Master	List
10062021	2½	1	10	\$192.69
10062027	3	1	5	\$242.42
10062032	4	1	3	\$299.94



807-L
C x C

Copper Large Diameter 90° Long Turn Elbow				
Item #	Nominal Size	Inner	Master	List
10062066	2½	1	5	\$183.47
10062067	3	1	3	\$230.82
10062069	4	1	2	\$285.56



807-C-R
C x C

Copper Large Diameter 90° Reducing Elbow				
Item #	Nominal Size	Inner	Master	List
10066460	3 x 2	1	3	\$380.33
10066141	3 x 2½	1	3	\$380.33

90° STREET ELBOWS, LG. DIAMETER 90° CLOSE TURN STREET ELBOWS, & 90° LONG TURN STREET ELBOWS



807-2
FTG x C

Copper 90° Street Elbow				
Item #	Nominal Size	Inner	Master	List
10075566	½	10	100	\$3.53
10075568	¾	10	150	\$5.95
10075046	1	5	50	\$13.67
10075072	1¼	1	40	\$24.26
10075074	1½	1	25	\$46.29
10075076	2	1	10	\$63.64



807-C-2
FTG x C

Copper Large Diameter 90° Close Turn Street Elbow				
Item #	Nominal Size	Inner	Master	List
10062007	2½	1	10	\$192.69
10062012	3	1	5	\$242.42
10062017	4	1	3	\$299.94



807-L-2
FTG x C

Copper Large Diameter 90° Long Turn Street Elbow				
Item #	Nominal Size	Inner	Master	List
10062071	2½	1	5	\$190.78
10062073	3	1	3	\$221.84
10062074	4	1	2	\$282.53

FEMALE 90° ELBOWS, 90° STREET ELBOWS & 90° REDUCING ELBOWS



8707-3-2
FTG x F

Lead Free Brass Female 90° Street Elbow				
Item #	Nominal Size	Inner	Master	List
10066578	½	5	150	\$12.60



8707-3-R
C x F

Lead Free Brass Female 90° Reducing Elbow				
Item #	Nominal Size	Inner	Master	List
10066566	½ x ¾	5	100	\$18.55
10066567	½ x ¾	5	100	\$27.18
10066568	¾ x ½	5	100	\$29.85
10066569	1 x ½	1	50	\$30.61



8707-3
C x F

Lead Free Brass Female 90° Elbow				
Item #	Nominal Size	Inner	Master	List
10066560	½	5	150	\$11.84
10066561	¾	5	100	\$18.81
10066562	1	1	50	\$33.14
10066563	1¼	1	25	\$56.26
10066564	1½	1	10	\$72.12
10066565	2	1	10	\$114.49

All fittings meet or exceed current low lead/no lead state requirements



MALE 90° ELBOWS & 90° REDUCING ELBOWS



8707-4
C x M

Lead Free Brass Male 90° Elbow				
Item #	Nominal Size	Inner	Master	List
10066570	½	10	150	\$17.57
10066571	¾	5	100	\$28.08
10066572	1	1	50	\$42.30
10066573	1¼	1	25	\$57.57
10066574	1½	1	10	\$78.72
10066575	2	1	5	\$111.20



8707-4-R
C x M

Lead Free Brass Male 90° Reducing Elbow				
Item #	Nominal Size	Inner	Master	List
10066576	½ x ¾	5	100	\$24.01
10066577	¾ x 1	5	100	\$23.66

FEMALE 90° DROP EAR ELBOWS & 90° REDUCING DROP EAR ELBOWS



8707-3-5
C x F

Copper & Lead Free Brass Female 90° Drop Ear Elbow				
Item #	Nominal Size	Inner	Master	List
10075366	½	10	150	\$17.56
10075368	¾	5	50	\$34.56
10075369	1	5	50	\$40.83



8707-3-5-R
C x F

Copper & Lead Free Brass Female 90° Reducing Drop Ear Elbow				
Item #	Nominal Size	Inner	Master	List
10075367	½ x ¾	5	100	\$37.96

TEES



811
C x C x C

Copper Tee				
Item #	Nominal Size	Inner	Master	List
10075578	½	10	150	\$5.39
10075580	¾	10	100	\$9.46
10075582	1	5	50	\$17.04
10075096	1¼	1	25	\$28.81
10075098	1½	1	25	\$55.94
10075100	2	1	10	\$69.12



811
C x C x C

Copper Large Diameter Tee				
Item #	Nominal Size	Inner	Master	List
10057518	2½	1	3	\$226.67
10062072	3	1	3	\$283.32
10062077	4	1	2	\$397.54

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Rev 9-11-14

REDUCING TEES



811
C x C x C

Copper Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10066039	¾ x ½ x ¾	5	50	\$15.16
10075906	¾ x ¾ x ½	10	100	\$7.96
10066066	1 x ½ x 1	2	30	\$27.39
10066040	1 x ¾ x 1	2	30	\$29.27
10066102	1 x ¾ x 1¼	1	25	\$77.79
10075904	1 x 1 x ½	5	50	\$19.49
10075902	1 x 1 x ¾	5	50	\$19.38
10066049	1¼ x ½ x ½	1	10	\$104.89
10066080	1¼ x ½ x 1	1	20	\$77.80
10066392	1¼ x ½ x 1¼	1	20	\$56.77
10066051	1¼ x ¾ x ½	1	25	\$44.29
10066052	1¼ x ¾ x ¾	1	25	\$49.55
10066053	1¼ x ¾ x 1	1	25	\$51.52
10066054	1¼ x ¾ x 1¼	1	20	\$45.58
10066044	1¼ x ¾ x 1½	1	25	\$110.18
10066055	1¼ x 1 x ½	1	20	\$35.33
10075122	1¼ x 1 x ¾	1	10	\$28.81
10075124	1¼ x 1 x 1	1	10	\$31.01
10066056	1¼ x 1 x 1¼	1	20	\$77.80
10066395	1¼ x 1 x 1½	1	10	\$110.18
10075106	1¼ x 1¼ x ½	1	25	\$24.15
10075102	1¼ x 1¼ x ¾	1	25	\$26.35
10075104	1¼ x 1¼ x 1	1	25	\$27.39
10066394	1½ x ½ x 1¼	1	10	\$110.18
10066009	1½ x ½ x 1½	1	20	\$69.25
10066195	1½ x ¾ x ½	1	10	\$68.45
10066383	1½ x ¾ x ¾	1	25	\$61.92
10066397	1½ x ¾ x 1	1	10	\$110.18
10066058	1½ x ¾ x 1¼	1	10	\$110.18
10066043	1½ x ¾ x 1½	1	25	\$107.71
10066042	1½ x ¾ x 2	1	10	\$139.21
10066011	1½ x 1 x ¾	1	25	\$70.91
10066012	1½ x 1 x 1	1	25	\$79.14
10066081	1½ x 1 x 1¼	1	10	\$110.18
10066013	1½ x 1 x 1½	1	20	\$86.83
10066108	1½ x 1 x 2	1	20	\$155.59
10066059	1½ x 1¼ x ½	1	20	\$118.49
10066060	1½ x 1¼ x ¾	1	20	\$60.84



811
C x C x C

Copper Reducing Tee - Cont.				
Item #	Nominal Size	Inner	Master	List
10066014	1½ x 1¼ x 1	1	10	\$70.52
10075126	1½ x 1¼ x 1¼	1	10	\$52.09
10066393	1½ x 1¼ x 1½	1	10	\$118.49
10066109	1½ x 1¼ x 2	1	10	\$155.59
10066015	1½ x 1½ x ½	1	20	\$59.55
10075108	1½ x 1½ x ¾	1	25	\$49.67
10075110	1½ x 1½ x 1	1	25	\$50.59
10075112	1½ x 1½ x 1¼	1	25	\$52.35
10066384	2 x ½ x 2	1	10	\$109.57
10066121	2 x ¾ x ¾	1	10	\$155.59
10066092	2 x ¾ x 1½	1	10	\$155.59
10066388	2 x ¾ x 2	1	10	\$118.83
10066079	2 x 1 x ½	1	10	\$155.59
10066062	2 x 1 x ¾	1	10	\$155.59
10066017	2 x 1 x 1	1	10	\$78.58
10066126	2 x 1 x 1¼	1	10	\$155.59
10066197	2 x 1 x 1½	1	10	\$113.18
10066018	2 x 1 x 2	1	10	\$112.10
10066063	2 x 1¼ x ¾	1	10	\$155.59
10066129	2 x 1¼ x 1	1	10	\$155.59
10066019	2 x 1¼ x 1¼	1	10	\$115.96
10066125	2 x 1¼ x 1½	1	10	\$155.59
10066064	2 x 1¼ x 2	1	10	\$155.59
10066065	2 x 1½ x ½	1	10	\$155.59
10066020	2 x 1½ x ¾	1	10	\$99.41
10066021	2 x 1½ x 1	1	10	\$98.13
10066022	2 x 1½ x 1¼	1	10	\$101.38
10066023	2 x 1½ x 1½	1	10	\$102.78
10066024	2 x 1½ x 2	1	10	\$95.68
10066385	2 x 2 x ½	1	10	\$95.68
10075114	2 x 2 x ¾	1	10	\$80.88
10075116	2 x 2 x 1	1	10	\$83.58
10075118	2 x 2 x 1¼	1	10	\$83.58
10075120	2 x 2 x 1½	1	10	\$62.83

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LARGE DIAMETER REDUCING TEES



811-R
C x C x C

Copper Large Diameter Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10066499	2 x 1½ x 2½	1	3	\$356.40
10066595	2½ x ¾ x 2	1	3	\$356.40
10066502	2½ x ¾ x 2½	1	3	\$336.02
10066596	2½ x 1 x 2	1	3	\$356.40
10066514	2½ x 1 x 2½	1	3	\$346.94
10066504	2½ x 1¼ x 2½	1	3	\$351.08
10066597	2½ x 1½ x 1½	1	3	\$356.40
10066598	2½ x 1½ x 2	1	3	\$356.40
10066507	2½ x 1½ x 2½	1	3	\$307.06
10066599	2½ x 2 x ¾	1	3	\$322.85
10066600	2½ x 2 x 1	1	3	\$303.98
10066510	2½ x 2 x 1¼	1	3	\$289.02
10066602	2½ x 2 x 1½	1	3	\$285.46
10066603	2½ x 2 x 2	1	3	\$286.58
10066174	2½ x 2 x 2½	1	3	\$323.02
10066515	2½ x 2 x 3	1	3	\$388.84
10066522	3 x ¾ x 2½	1	3	\$388.84
10066523	3 x ¾ x 3	1	3	\$338.78
10066524	3 x 1 x 2½	1	3	\$388.84
10066525	3 x 1 x 3	1	3	\$358.86
10066526	3 x 1¼ x 3	1	3	\$439.75
10066527	3 x 1½ x 3	1	3	\$374.80
10066604	3 x 2 x 2	1	3	\$358.57
10066529	3 x 2 x 2½	1	3	\$372.82
10066530	3 x 2 x 3	1	3	\$377.67
10066605	3 x 2½ x 2	1	3	\$353.20
10066136	3 x 2½ x 2½	1	3	\$390.06
10066137	3 x 2½ x 3	1	3	\$387.62
10062079	3 x 3 x 2½	1	3	\$339.99



811-R
C x C x C

Copper Large Diameter Reducing Tee - Cont.				
Item #	Nominal Size	Inner	Master	List
10066538	4 x 1½ x 3	1	2	\$453.63
10066539	4 x 2 x 4	1	2	\$453.63
10066138	4 x 2½ x 4	1	2	\$753.68
10066606	4 x 3 x 1½	1	2	\$453.63
10066607	4 x 3 x 2	1	2	\$552.64
10066139	4 x 3 x 2½	1	2	\$593.06
10066096	4 x 3 x 3	1	2	\$541.53
10066140	4 x 3 x 4	1	2	\$594.67
10062078	4 x 4 x 2½	1	2	\$370.84
10062076	4 x 4 x 3	1	2	\$406.52

REDUCING RUN/OUTLET TEES



811-R
C x C x C

Copper Reducing Tee				
Item #	Nominal Size	Inner	Master	List
10066590	¾ x ½ x ½	5	50	\$14.58
10066591	1 x ½ x ½	1	25	\$36.93
10066592	1 x ½ x ¾	2	50	\$43.48
10066593	1 x ¾ x ½	2	30	\$28.92
10066594	1 x ¾ x ¾	5	50	\$25.90

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XPR-12
Effective 7-1-14
Rev 9-11-14

SINGLE PIECE REDUCING OUTLET TEES



811-R
C x C x C

Copper Single Piece Reducing Outlet Tee					
Item #	Nominal Size	Inner	Master	List	
10068042	2½ x 2½ x ½	1	3	\$316.10	
10068045	2½ x 2½ x ¾	1	3	\$316.10	
10068048	2½ x 2½ x 1	1	3	\$316.10	
10068051	2½ x 2½ x 1¼	1	3	\$316.10	
10068054	2½ x 2½ x 1½	1	3	\$302.07	
10068057	2½ x 2½ x 2	1	3	\$266.27	
10068060	3 x 3 x ½	1	3	\$344.31	
10068063	3 x 3 x ¾	1	3	\$333.13	
10068066	3 x 3 x 1	1	3	\$333.13	
10068069	3 x 3 x 1¼	1	3	\$333.13	



811-R
C x C x C

Copper Single Piece Reducing Outlet Tee (cont'd)					
Item #	Nominal Size	Inner	Master	List	
10068072	3 x 3 x 1½	1	3	\$333.13	
10068075	3 x 3 x 2	1	3	\$325.96	
10068078	4 x 4 x ½	1	2	\$533.68	
10068081	4 x 4 x ¾	1	2	\$526.56	
10068084	4 x 4 x 1	1	2	\$391.23	
10068087	4 x 4 x 1¼	1	2	\$475.11	
10068090	4 x 4 x 1½	1	2	\$451.61	
10068093	4 x 4 x 2	1	2	\$359.84	

BULL HEAD TEES



811-BH
C x C x C

Bull Head Tee					
Item #	Nominal Size	Inner	Master	List	
10066070	½ x ½ x ¾	5	50	\$17.97	
10066006	½ x ½ x 1	2	30	\$25.43	
10066071	¾ x ¾ x 1	2	30	\$28.58	
10066008	1 x 1 x 1¼	1	15	\$49.67	
10066128	1 x 1 x 2	1	10	\$155.60	
10066107	1¼ x 1¼ x 2	1	10	\$155.60	
10066090	1½ x 1½ x 2	1	10	\$155.60	



811-BH
C x C x C

Large Diameter Bull Head Tee					
Item #	Nominal Size	Inner	Master	List	
10066550	1½ x 1½ x 3	1	2	\$388.81	
10066551	2 x 2 x 3	1	2	\$388.81	
10066135	2½ x 2½ x 3	1	3	\$388.81	
10066094	2½ x 2½ x 4	1	2	\$453.62	

FEMALE TEES & FEMALE REDUCING TEES



8712
C x C x F

Copper & Lead Free Brass Female Tee					
Item #	Nominal Size	Inner	Master	List	
10066579	½	5	50	\$18.44	
10066580	¾	5	50	\$31.32	



8712-R
C x C x F

Copper & Lead Free Brass Female Reducing Tee					
Item #	Nominal Size	Inner	Master	List	
10066581	¾ x ¾ x ½	5	50	\$25.02	
10066582	1 x 1 x ½	1	25	\$31.39	
10066583	1 x 1 x ¾	5	25	\$36.44	
10066584	1¼ x 1¼ x ½	1	25	\$44.95	
10066585	1¼ x 1¼ x ¾	1	20	\$46.61	
10066586	1½ x 1½ x ½	1	25	\$54.35	
10066587	1½ x 1½ x ¾	1	25	\$78.97	
10066588	2 x 2 x ½	1	10	\$64.88	
10066589	2 x 2 x ¾	1	10	\$63.87	

All fittings meet or exceed current low lead/no lead state requirements



FITTING REDUCERS



818
FTG x C

Copper Fitting Reducer				
Item #	Nominal Size	Inner	Master	List
10075146	¾ x ½	10	100	\$3.53
10075150	1 x ½	10	100	\$9.02
10075148	1 x ¾	10	100	\$9.36
10075336	1¼ x ½	5	100	\$10.87
10075154	1¼ x ¾	5	100	\$11.09
10075156	1¼ x 1	5	100	\$12.48
10075332	1½ x ½	1	50	\$32.62
10075334	1½ x ¾	1	50	\$18.53
10075158	1½ x 1	1	50	\$18.32
10075160	1½ x 1¼	1	50	\$18.44
10075338	2 x ½	1	30	\$41.57
10075340	2 x ¾	1	30	\$41.97
10075162	2 x 1	1	30	\$20.78
10075152	2 x 1¼	1	30	\$25.43
10075164	2 x 1½	1	30	\$24.72



818
FTG x C

Copper Large Diameter Fitting Reducer				
Item #	Nominal Size	Inner	Master	List
10068025	2½ x ½	1	10	\$121.53
10068001	2½ x ¾	1	10	\$124.31
10068002	2½ x 1	1	10	\$88.83
10068017	2½ x 1¼	1	10	\$124.81
10068004	2½ x 1½	1	10	\$125.57
10075165	2½ x 2	1	10	\$107.96
10068005	3 x ½	1	10	\$138.03
10068019	3 x ¾	1	10	\$141.37
10068007	3 x 1	1	10	\$174.18
10068008	3 x 1¼	1	10	\$144.54
10068020	3 x 1½	1	10	\$137.35
10068010	3 x 2	1	10	\$133.66
10057500	3 x 2½	1	10	\$137.69
10068011	4 x ½	1	3	\$145.84
10068022	4 x ¾	1	3	\$148.47
10068013	4 x 1	1	3	\$149.74
10068014	4 x 1¼	1	3	\$153.85
10068023	4 x 1½	1	3	\$168.08
10068016	4 x 2	1	3	\$177.64
10057503	4 x 2½	1	3	\$168.08
10057506	4 x 3	1	3	\$177.64

TUBE CAPS



817
C

Copper Tube Cap				
Item #	Nominal Size	Inner	Master	List
10075166	½	10	150	\$6.77
10075168	¾	10	150	\$11.42
10075170	1	5	100	\$17.61
10075172	1¼	1	50	\$19.94
10075174	1½	1	50	\$30.90
10075176	2	1	25	\$37.54



817
C

Copper Large Diameter Tube Cap				
Item #	Nominal Size	Inner	Master	List
10062142	2½	1	10	\$119.95
10062147	3	1	10	\$151.84
10062152	4	1	3	\$202.31

CROSS OVERS



836
C x C

Copper Cross Over				
Item #	Nominal Size	Inner	Master	List
10075370	½	10	100	\$22.04
10075372	¾	5	50	\$27.39

All fittings meet or exceed current low lead/no lead state requirements



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Rev 9-11-14



FLANGES



8741
C

Copper Large Diameter 125 lb. Flange					
Item #	Nominal Size	Inner	Master	List	
10075702	2	1	1	\$217.96	
10061761	2½	1	1	\$238.52	
10061767	3	1	1	\$289.09	
10061736	4	1	1	\$323.41	



8771
C

Copper Large Diameter 150 lb. Flange					
Item #	Nominal Size	Inner	Master	List	
10061763	2½	1	1	\$280.61	
10061769	3	1	1	\$340.10	
10061738	4	1	1	\$380.48	

UNIONS



8733-3
C x F

Lead Free Brass Female Union					
Item #	Nominal Size	Inner	Master	List	
10075872	½	5	50	\$22.75	
10075874	¾	5	50	\$29.15	
10075876	1	5	40	\$48.41	
10075878	1¼	1	30	\$61.22	
10075880	1½	1	25	\$96.24	
10075882	2	1	20	\$127.48	

Lead Free Brass Female Union - INTERNATIONAL					
Item #	Nominal Size	Inner	Master	List	
10075308	½	5	50	\$21.61	
10075310	¾	5	50	\$27.70	
10075312	1	5	40	\$45.99	
10075314	1¼	1	30	\$58.16	
10075316	1½	1	25	\$91.43	
10075318	2	1	20	\$121.11	



8733-4
C x M

Lead Free Brass Male Union					
Item #	Nominal Size	Inner	Master	List	
10075884	½	5	50	\$24.74	
10075886	¾	5	50	\$34.24	
10075888	1	5	40	\$49.20	
10075890	1¼	1	30	\$74.06	
10075892	1½	1	25	\$103.31	
10075894	2	1	20	\$135.09	

Lead Free Brass Male Union - INTERNATIONAL					
Item #	Nominal Size	Inner	Master	List	
10075320	½	5	50	\$23.50	
10075322	¾	5	50	\$32.53	
10075324	1	5	40	\$46.74	
10075326	1¼	1	30	\$70.36	
10075328	1½	1	25	\$98.14	
10075330	2	1	20	\$128.34	



8733
C x C

Lead Free Brass Union					
Item #	Nominal Size	Inner	Master	List	
10075860	½	5	50	\$28.34	
10075862	¾	5	50	\$37.16	
10075864	1	5	40	\$59.36	
10075866	1¼	1	30	\$84.72	
10075868	1½	1	25	\$115.07	
10075870	2	1	15	\$187.88	

Lead Free Brass Union - INTERNATIONAL					
Item #	Nominal Size	Inner	Master	List	
10075296	½	5	50	\$26.93	
10075298	¾	5	50	\$35.30	
10075300	1	5	40	\$56.39	
10075302	1¼	1	30	\$80.49	
10075304	1½	1	25	\$109.31	
10075306	2	1	15	\$178.48	

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APOLLOXPRESS®

Your Single Source Solution for Press Technology

Fabricated Fittings with One Step Reduction		
Multi Reduction #	Single Reduction #	Product Group
10066078	10066440	801-R
10066103	10066441	801-R
10066086	10066442	801-R
10066124	10066444	801-R
10066087	10066445	801-R
10066075	10066446	801-R
10066088	10066447	801-R
10066168	10066460	807-R
10066111	10066499	811-R
10066089	10066501	811-R
10066170	10066502	811-R
10066085	10066503	811-R
10066112	10066514	811-R
10066093	10066504	811-R
10066120	10066505	811-R
10066084	10066506	811-R
10066123	10066507	811-R
10066171	10066508	811-R
10066113	10066509	811-R
10066172	10066510	811-R
10066031	10066511	811-R
10066175	10066515	811-R
10066387	10066516	811-R
10066386	10066517	811-R
10066028	10066518	811-R
10066027	10066519	811-R
10066026	10066520	811-R
10066119	10066522	811-R
10066095	10066524	811-R
10066179	10066526	811-R
10066180	10066527	811-R
10066181	10066528	811-R
10066182	10066529	811-R
10066183	10066530	811-R
10066184	10066531	811-R
10066185	10066532	811-R
10066035	10066533	811-R
10066034	10066534	811-R
10066033	10066535	811-R
10066032	10066536	811-R
10066122	10066538	811-R
10066117	10066539	811-R
10066116	10066540	811-R

Fabricated Fittings with One Step Reduction		
Multi Reduction #	Single Reduction #	Product Group
10066097	10066541	811-R
10066104	10066542	811-R
10066098	10066543	811-R
10066118	10066544	811-R
10066114	10066545	811-R
10066036	10066546	811-R
10066187	10066547	811-R

New Product Offerings		
Item #	Size	Product Group
10075513	½	801
10075515	¾	801
10075517	1	801
10075521	1¼	801
10075523	1½	801
10075527	2	801
10066523	3 x ¾ x 3	811-R
10066525	3 x 1 x 3	811-R
10068025	2½ x ½	818
10068001	2½ x ¾	818
10068002	2½ x 1	818
10068017	2½ x 1¼	818
10068004	2½ x 1½	818
10068005	3 x ½	818
10068019	3 x ¾	818
10068007	3 x 1	818
10068008	3 x 1¼	818
10068020	3 x 1½	818
10068010	3 x 2	818
10068011	4 x ½	818
10068022	4 x ¾	818
10068013	4 x 1	818
10068014	4 x 1¼	818
10068023	4 x 1½	818
10068016	4 x 2	818
10075702	2	8741
10061761	2½	8741
10061767	3	8741
10061736	4	8741
10061763	2½	8771
10061769	3	8771
10061738	4	8771

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APOLLOXPRESS®

Your Single Source Solution for Press Technology

APOLLOXPRESS® Unions		
USA Version	Item Description	Chinese Version
10075860	8733 12	10075296
10075862	8733 34	10075298
10075864	8733 1	10075300
10075866	8733 114	10075302
10075868	8733 112	10075304
10075870	8733 2	10075306
10075872	87333 12	10075308
10075874	87333 34	10075310
10075876	87333 1	10075312
10075878	87333 114	10075314
10075880	87333 112	10075316
10075882	87333 2	10075318
10075884	87334 12	10075320
10075886	87334 34	10075322
10075888	87334 1	10075324
10075890	87334 114	10075326
10075892	87334 112	10075328
10075894	87334 2	10075330
APOLLOXPRESS® Adapters		
10075750	803 12	10075200
10075752	803 34	10075206
10075754	803 1	10075212
10075756	803 114	10075218
10075758	803 112	10075226
10075760	803 2	10075228
10075762	8032 12	10075260
10075764	803R2 12 38	10075258
10075766	803R2 12 34	10075262
10075768	8032 34	10075266
10075770	803R2 34 12	10075264
10075772	8032 1	10075268
10075774	8032 114	10075270
10075776	8032 112	10075272
10075778	8032 2	10075274
10075780	803R 12 38	10075196
10075782	803 12 34	10075202
10075784	803 34 12	10075204
10075786	803R 114 12	10075217
10075788	803R 114 1	10075216
10075790	803R 114 112	10075220

APOLLOXPRESS® Adapters (cont'd)		
USA Version	Item Description	Chinese Version
10075792	803R 112 34	10075222
10075794	803R 112 114	10075224
10075796	803R 1 12	10075208
10075798	803R 1 34	10075210
10075800	803R 1 114	10075214
10075802	803R2 114 12	10075271
10075804	803R2 1 12	10075267
10075806	804 12	10075232
10075808	804 34	10075238
10075810	804 114	10075248
10075812	804 112	10075254
10075814	804 2	10075256
10075816	8042 12	10075280
10075818	804R2 12 38	10075278
10075820	804R2 12 34	10075282
10075822	8042 34	10075286
10075824	8042 34 12	10075284
10075826	8042 1	10075288
10075828	8042 114	10075290
10075830	8042 112	10075292
10075832	8042 1 34	10075289
10075834	8042 2	10075294
10075836	804R 12 38	10075230
10075838	804R 12 34	10075234
10075840	804 34 12	10075236
10075842	804R 34 12	10075237
10075844	804 1	10075242
10075846	804R 114 1	10075246
10075848	804R 114 112	10075250
10075850	804R 112 114	10075252
10075852	804R 112 2	10075253
10075854	804R 1 34	10075240
10075856	804R 1 114	10075244
10075858	804R 2 112	10075257

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Minimum Billing - \$50.00

Conditions of Sale

PRICES: All prices and conditions are subject to change without notice and all quotations, unless otherwise specified, are binding only for immediate acceptance. Published prices are based on material made to EPC's standard tolerances and dimensions. All orders are subject to acceptance by the home office. Orders accepted will be on the basis of price in effect on the date of shipment.

FREIGHT: Freight will be allowed on single shipments of \$1,500 net or more to any one destination in the United States, except for Alaska and Hawaii. However, two or more orders may be combined in one shipment for freight allowance. On freight allowed shipments the consignor reserves the right to control the routing and use the route having the lowest published rate.

RETURN OF GOODS: No material is to be returned without our written permission. A minimum handling and inspection charge of 25% will be levied on all approved goods, plus transportation charges both ways. Returns will not be accepted for bagged product that has been opened.

ORDER QUANTITY: We reserve the right to adjust the inner package quantities.

Warranty

Elkhart Products Corporation warrants that all fittings will be free from defects in material and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

Liability Policy PART A

Except as expressly stated on this document, Seller shall not be liable to the Buyer or to any other person, firm or corporation for any incidental or consequential loss, damage or injury arising out of any breach of warranty or any other act or default relating to Buyer's order or to product or services provided to Buyer, even if any such loss, damage or injury is caused by Seller's negligence. The correction of defects as provided in the warranty statement above shall constitute Seller's full obligation with respect to all claims and Seller's liability shall in no event exceed the unit purchase price of the product in question.

Any lawsuit or other action based upon breach of this contract or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller by Buyer) must be commenced within one year from the date of the tender of delivery by Seller or, in the case of a cause of action based upon an alleged breach of warranty, within one year from the date within the warranty period on which the defect is or should have been discovered by the Buyer.

Lead Free

Lead Free (SDWA) Safe Drinking Water Act Section 1417:

Products are considered lead free and compliant to the Safe Drinking Water Act (SDWA) Section 1417 providing they contain a weighted average of not more than 0.25% lead in a wetted surface material.

Elkhart Products Copper fittings are naturally 99.99% lead free and comply with the Safe Drinking Water Act (SDWA) Section 1417.

Elkhart Products Lead Free Cast and Brass fittings comply with the Safe Drinking Water Act (SDWA) Section 1417. All Lead Free product will be marked to assist when product is removed from packaging. Lead Free compliant product is distinguished by the following product markings "LF," "LL," or "BI."

Elkhart Products LEADED Cast and Brass fittings do not comply to the Safe Drinking Water Act (SDWA) Section 1417. Certain states have already adopted the SDWA and will not accept leaded product for the purpose of potable water. January 1, 2014 is the national date for adoption of the SWDA, where leaded product may no longer be used for the purpose of potable water.



TECTITE™
work smart

**SIZE...
does matter**

So does breadth of line

TECTITE™ Push Fittings from
Elkhart Products Corporation
gives you **both**

As part of the family of companies that **invented** the push fitting over 15 years ago, **Elkhart Products Corporation** is living up to its' tradition of innovation. Our line extension now gives you more fittings for more applications – in **sizes from ¼ to 2"**.

No other push fitting manufacturer offers both the **size** and **breadth** of the **TECTITE™** line of push fittings.

www.elkhartproducts.com

Elkhart Products
Corporation



Features & Benefits

- Reduce lost time on jobs.
- Use in wet installations.
- Reduce repair interruption time.
- Removable **Lead Free** brass fittings in sizes 1/4" to 2".
- No special installation tools required.
- Joins Copper, CPVC and PEX tubing.
- Quick and easy, removable and reusable installation.
- **Lead Free.**
- Ideal for service and repair - even on wet lines.
- EPDM o-ring for leak free seals.
- Pre-lubricated for quick installation.
- Potable water & hydronic installation.
- AWWA C800 compliant 1 1/4" to 2".
- **50 Year Warranty***

Applications

Potable water, hot water and chilled water systems*.

Use in underground applications*, as manufactured joints and behind walls without access panels.

* Further details on pressure code compliance and warranty available at www.elkhartproducts.com.

Product Specifications

TECTITE™ fittings are pressure rated at 200 psi (13.8 bar) over a temperature range from 0°F to 250°F (-18°C to 121°C) with various liquids and gases.

TECTITE™ fittings are manufactured with an EPDM o-ring seal, a Nylon guide ring and a 316 Stainless Steel grab ring.

Contact EPC's technical representatives for application specific information.

Individually packaged and color coded by size.



Slip Couplings

- Repair in-line leaks.



Slip Tees

- Add branch for retro-fit applications.



Pressure Regulators

- Made in the USA by Apollo Valves.



Product Portfolio

- Couplings
- Reducer Couplings
- Slip Couplings
- Female Adapters
- Reducing Female Adapters
- Male Adapters
- Reducing Male Adapters
- 45° Elbows
- 45° Street Elbows
- 90° Elbows
- 90° Reducing Elbows
- 90° Female Elbows
- 90° Male Elbows
- 90° Drop Ear Elbows
- 90° Hi Ear Elbows

Angle and Straight Stops

- ¼ turn.
- Compact design.
- Bridge installation on faucet risers.



Water Heater HOSES with ball valves

- Reduce number of connections.
 - Flexible for all applications.
 - Eliminates 6" code requirement on gas water heaters.
 - Stainless steel braided hose.
 - Available in 21" length (includes ball valve).
- (Hoses carry a 2 year warranty.)



Expansion Tee

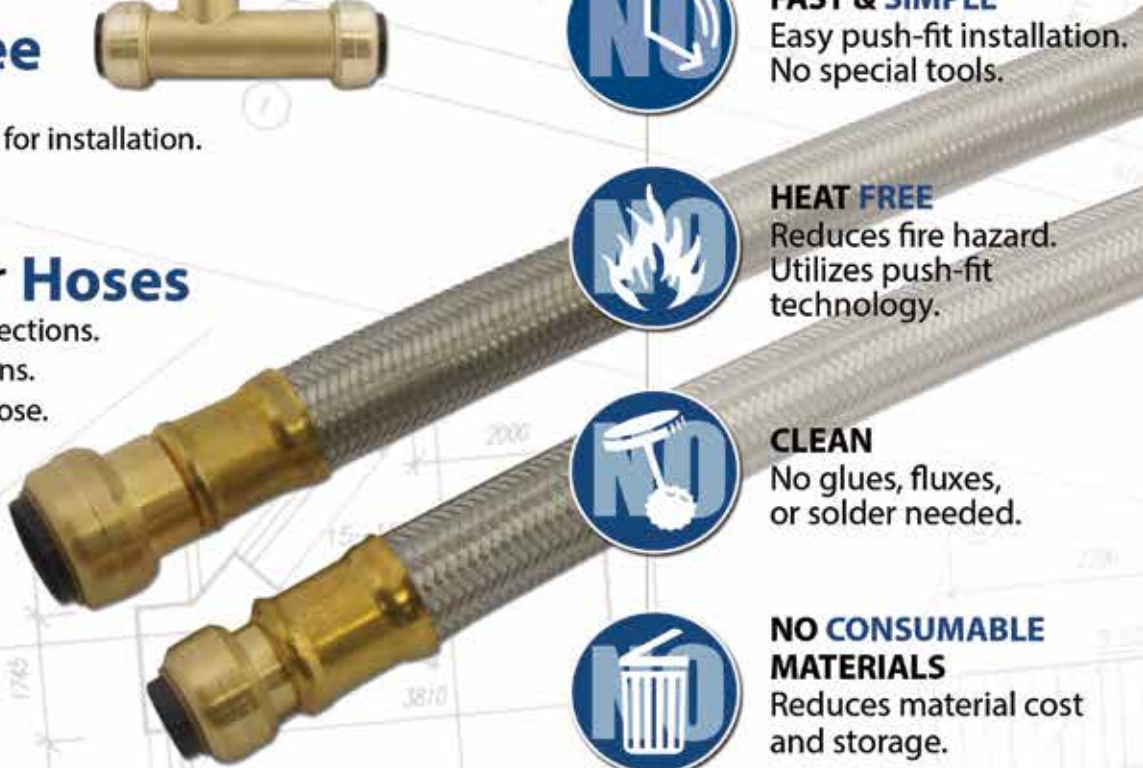
- Retrofit expansion tanks.
- No need to drain system for installation.



FAST & SIMPLE
Easy push-fit installation.
No special tools.

Water Heater Hoses

- Reduce number of connections.
 - Flexible for all applications.
 - Stainless steel braided hose.
 - Available in 20" length.
- (Hoses carry a 2 year warranty.)



HEAT FREE
Reduces fire hazard.
Utilizes push-fit technology.



CLEAN
No glues, fluxes,
or solder needed.



NO CONSUMABLE MATERIALS
Reduces material cost
and storage.

- Tees
- Reducing Tees
- Slip Tees
- Female Center Slip Tees
- Water Heater Kit
- Water Heater Hose
- Repair Hose
- Check Valve

- Angle Stops
- Straight Stops
- ¼ - Turn Faucet Supply Lines
- ¼ - Turn Toilet Supply Lines
- Pressure Regulators
- Tube Caps
- Demount Clips
- Demount Wrench

- Fitting Adapters
- Fitting Reducers
- Dishwasher Elbows
- Garden Hose Elbows
- Water Heater Hose with Ball Valve
- Ball Valves
- Female Ball Valves



Another **push solution**
from Elkhart Products ...

CopperLOC

- Permanent Push Fit Connection.
- Join Copper, CPVC or PEX.
- Approved for underground application.
- No Tools, No Heat, No Glue, Flux or Solder Required.
- Naturally **Lead Free**.
- Available in sizes ½" to 1".
- Deep insertion depth keeps pipe lengths straight.
- EPDM o-ring for leak free seals.
- Pre-lubricated for quick installation.
- AWWA C800 compliant.
- **50 Year Warranty***

* Further details on warranty available at www.elkhartproducts.com.

**Elkhart Products
Corporation**

1255 Oak Street, Elkhart, IN 46514



Customer Service **(574) 264.3181**

For more information visit our website

www.elkhartproducts.com



Copper LOC Products Only



10059971 CG 1/2014 5K

TECTITE™
work smart



STARTER ToolBox



Tectite

**SIZE ...
does matter**

So does breadth of line



Full list of contents to right.

TECTITE™ Push Fittings from
Elkhart Products Corporation
gives you **both**

Item# 10155550 Contents Included:

QTY	DESCRIPTION	TT PART NUMBER
2	1/2" Coupling	10155452
2	3/4" Coupling	10155454
2	3/4" x 1/2" Coupling	10155458
2	1/2" x FIP	10155462
2	3/4" x FIP	10155464
2	1/2" x MIP	10155468
2	3/4" x MIP	10155470
2	1/2" Elbow	10155476
2	3/4" Elbow	10155478
1	1/2" Tee	10155486
1	3/4" Tee	10155488
1	1/2" Cap	10155500
1	3/4" Cap	10155502
1	1/2" Demount Clip	10165630
1	3/4" Demount Clip	10165625
2	1/2" Ball Valve	10155521
2	3/4" Ball Valve	10155523
2	1/2" x 3/8" Stop Valve	10177506

Features & Benefits

- Reduce lost time on jobs.
- Use in wet installations.
- Reduce repair interruption time.
- Removable Lead Free brass fittings in sizes 1/4" to 2".
- No Tools, No Heat, No Glue, Flux or Solder required.
- Joins Copper, CPVC and PEX tubing.
- Quick and easy, removable and reusable installation.
- **Lead Free.**
- Ideal for service and repair - even on wet lines.
- EPDM o-ring for leak free seals.
- Pre-lubricated for quick installation.
- Potable water & hydronic installation.
- AWWA C800 compliant 1 1/4" to 2".
- **50 Year Warranty***

* Further details on warranty available at www.elkhartproducts.com

30 Pieces

Customer Service (574) 264.3181
www.elkhartproducts.com



Elkhart Products
Corporation





Price List

Suggested Contractor Prices
Effective July 21, 2014

www.elkhartproducts.com



Lead Free Coupling with Stop					
Item #	Nominal Size	Inner	Master	List	
10177383	1/4	1	30	\$ 8.40	
10155527	3/8	1	30	\$ 10.40	
10155452	1/2	1	30	\$ 10.50	
10155454	3/4	1	30	\$ 12.50	
10155456	1	1	15	\$ 26.50	
10188013	1-1/4	1	30	\$47.50	
10188019	1-1/2	1	15	\$ 69.00	
10188029	2	1	10	\$ 90.00	



Lead Free Coupling with Stop - Contractor Pack w/ Pre-Installed PEX Inserts					
Item #	Nominal Size	Inner	Master	List	
10155551	1/2	10	100	\$10.50	
10155552	3/4	5	50	\$ 12.50	
10155553	1	5	50	\$ 26.50	



Lead Free Coupling with Stop - Polybutylene					
Item #	Nominal Size	Inner	Master	List	
10155453	1/2	1	30	\$14.50	
10155455	3/4	1	30	\$17.50	



Lead Free Slip Coupling (Includes Demount Clip)					
Item #	Nominal Size	Inner	Master	List	
10155514	1/2	1	25	\$ 21.00	
10155516	3/4	1	25	\$ 25.00	
10155518	1	1	20	\$ 53.00	



Lead Free Reducer Coupling					
Item #	Nominal Size	Inner	Master	List	
10177347	1/2 X 3/8	1	30	\$ 10.50	
10155458	3/4 x 1/2	1	30	\$ 12.50	
10155460	1 X 3/4	1	15	\$ 26.50	



Lead Free Reducer Coupling - Contractor Pack w/ Pre-Installed PEX Inserts					
Item #	Nominal Size	Inner	Master	List	
10155554	1 X 3/4	5	50	\$ 26.50	



Lead Free Female Adapter					
Item #	Nominal Size	Inner	Master	List	
10155529	3/8	1	30	\$ 14.00	
10155462	1/2	1	30	\$ 8.40	
10155464	3/4	1	30	\$ 10.00	
10155466	1	1	15	\$ 21.00	
10188048	1-1/4	1	35	\$ 43.00	
10188058	1-1/2	1	25	\$ 62.00	
10188064	2	1	15	\$ 81.00	



Lead Free Female Adapter - Contractor Pack w/ Pre-Installed PEX Inserts					
Item #	Nominal Size	Inner	Master	List	
10155555	3/4	10	100	\$ 10.00	



Lead Free Reducer Female Adapter					
Item #	Nominal Size	Inner	Master	List	
10177386	1/4 x 1/2	1	30	\$ 8.40	
10177355	3/8 x 1/2	1	30	\$ 8.40	
10177358	1/2 x 3/4	1	30	\$ 10.00	
10177389	3/4 x 1/2	1	30	\$ 10.00	



Lead Free Female Street Adapter					
Item #	Nominal Size	Inner	Master	List	
10177455	3/4	1	20	\$ 15.00	
10177458	1	1	15	\$ 15.00	



Lead Free Male Adapter					
Item #	Nominal Size	Inner	Master	List	
10155532	3/8	1	30	\$ 14.00	
10155468	1/2	1	30	\$ 8.40	
10155470	3/4	1	30	\$ 10.00	
10155472	1	1	15	\$ 21.00	
10188066	1-1/4	1	40	\$ 43.00	
10188069	1-1/2	1	25	\$ 62.00	
10188090	2	1	20	\$ 81.00	



204-R
C x M

Lead Free Reducing Male Adapter					
Item #	Nominal Size	Inner	Master	List	
10177392	1/4 x 1/2	1	30	\$ 8.40	
10155534	3/8 x 1/2	1	30	\$ 8.40	
10177380	1/2 x 3/4	1	30	\$ 10.00	
10177395	3/4 x 1/2	1	30	\$ 10.00	
10177542	3/4 x 1	1	15	\$ 21.00	
10155474	1 x 3/4	1	15	\$ 21.00	



Lead Free Reducing Male Adapter - Contractor Pack w/ Pre-Installed PEX Inserts					
10155556	1 x 3/4	10	100	\$ 21.00	



207-3
C x F

Lead Free 90° Female Elbow					
Item #	Nominal Size	Inner	Master	List	
10155538	3/8	1	30	\$ 17.00	
10177345	1/2	1	30	\$ 11.50	



207-4
C x M

Lead Free 90° Male Elbow					
Item #	Nominal Size	Inner	Master	List	
10155539	3/8	1	30	\$ 16.75	
10177351	1/2	1	30	\$ 11.50	
10177467	1/4 x 3/8	1	30	\$ 16.75	
10177470	1/2 x 3/8	1	30	\$ 11.50	



206
C x C

Lead Free 45° Elbow					
Item #	Nominal Size	Inner	Master	List	
10188092	1-1/4	1	25	\$ 52.00	
10188095	1-1/2	1	15	\$ 76.00	
10188097	2	1	10	\$ 99.00	



2707-3-5
C x F

Lead Free 90° Drop Ear Elbow					
Item #	Nominal Size	Inner	Master	List	
10155540	3/8	1	30	\$ 13.50	
10155484	1/2	1	30	\$ 11.50	
10177410	3/4	1	30	\$ 16.50	



206-2
FTG x C

Lead Free 45° Street Elbow					
Item #	Nominal Size	Inner	Master	List	
10188112	1-1/4	1	25	\$ 52.00	
10188114	1-1/2	1	20	\$ 76.00	
10188116	2	1	10	\$ 99.00	



2707-3-5-R
C x F

Lead Free 90° Reducing Drop Ear Elbow					
Item #	Nominal Size	Inner	Master	List	
10155541	3/8 x 1/2	1	30	\$ 11.50	



207
C x C

Lead Free 90° Elbow					
Item #	Nominal Size	Inner	Master	List	
10177401	1/4	1	30	\$ 9.20	
10155536	3/8	1	30	\$ 11.50	
10155476	1/2	1	30	\$ 11.50	
10155478	3/4	1	30	\$ 14.00	
10155482	1	1	15	\$ 29.00	
10188032	1-1/4	1	25	\$ 52.00	
10188036	1-1/2	1	15	\$ 76.00	
10188046	2	1	10	\$ 99.99	



2707-5
C x C

Lead Free Double Push Drop Ear Elbow					
Item #	Nominal Size	Inner	Master	List	
10177404	1/2	1	30	\$ 14.00	



207-R
C x C

Lead Free 90° Reducing Elbow					
Item #	Nominal Size	Inner	Master	List	
10155537	1/2 x 3/8	1	30	\$ 11.50	
10155480	3/4 x 1/2	1	30	\$ 14.00	
10177545	1 x 3/4	1	15	\$ 29.00	



Lead Free 90° Reducing Elbow - Contractor Pack w/ Pre-Installed PEX Inserts					
10155560	1 x 3/4	10	100	\$ 29.00	



207-8
C x M

Lead Free Garden Hose Nut Elbow					
Item #	Nominal Size	Inner	Master	List	
10177473	1/2 x 3/4	1	20	\$ 11.50	



211
C x C x C

Lead Free Tee					
Item #	Nominal Size	Inner	Master	List	
10177413	1/4	1	30	\$ 12.50	
10155542	3/8	1	30	\$ 16.00	
10155486	1/2	1	30	\$ 16.00	
10155488	3/4	1	30	\$ 19.00	
10155496	1	1	15	\$ 39.50	
10188107	1-1/4	1	15	\$ 90.00	
10188109	1-1/2	1	10	\$ 130.00	
10188125	2	1	5	\$ 172.00	



211-R
C x C x C

Lead Free Reducer Tee					
Item #	Nominal Size	Inner	Master	List	
10155543	3/8 x 3/8 x 1/2	1	30	\$ 16.00	
10177425	1/2 x 1/2 x 1/4	1	30	\$ 16.00	
10155544	1/2 x 1/2 x 3/8	1	30	\$ 16.00	
10155490	3/4 x 1/2 x 1/2	1	30	\$ 19.00	
10155492	3/4 x 1/2 x 3/4	1	30	\$ 19.00	
10155494	3/4 x 3/4 x 1/2	1	30	\$ 19.00	
10155498	1 x 1 x 3/4	1	15	\$ 39.50	
10188127	1-1/4 x 1-1/4 x 1/2	1	15	\$ 90.00	
10188129	1-1/4 x 1-1/4 x 3/4	1	15	\$ 90.00	
10188117	1-1/4 x 1-1/4 x 1	1	10	\$ 90.00	
10188119	1-1/2 x 1-1/2 x 3/4	1	10	\$ 130.00	
10188120	1-1/2 x 1-1/2 x 1	1	10	\$ 130.00	
10188122	1-1/2 x 1-1/2 x 1-1/4	1	10	\$ 130.00	
10188124	2 x 2 x 1	1	5	\$ 172.00	
10188126	2 x 2 x 1-1/4	1	5	\$ 172.00	
10188128	2 x 2 x 1-1/2	1	5	\$ 172.00	



211-1
C x C x C

Lead Free Slip Tee					
Item #	Nominal Size	Inner	Master	List	
10177419	1/2	1	30	\$ 26.50	
10177422	3/4	1	20	\$ 31.50	



211-1-2
C x C x FTG

Lead Free Street Slip Tee					
Item #	Nominal Size	Inner	Master	List	
10177416	1/2	1	30	\$ 26.50	



211-1-3
C x C x F

Lead Free Female Outlet Slip Tee					
Item #	Nominal Size	Inner	Master	List	
10177434	1/2	1	30	\$ 26.50	
10177437	3/4	1	20	\$ 31.50	



215
C X FIP

Lead Free FIP Faucet					
Item #	Nominal Size	Length	Inner	Master	List
10172999	1/2	22	1	10	\$ 15.00
10172995	1/2 x 7/8	16	1	10	\$ 15.00



217

Lead Free Tube Cap					
Item #	Nominal Size	Inner	Master	List	
10177440	1/4	1	20	\$ 12.50	
10155545	3/8	1	30	\$ 9.50	
10155500	1/2	1	30	\$ 9.50	
10155502	3/4	1	30	\$ 11.50	
10155504	1	1	15	\$ 23.50	
10188130	1 1/4	1	50	\$ 33.50	
10188132	1 1/2	1	30	\$ 48.00	
10188134	2	1	25	\$ 63.00	



NEW Lead Free Tube Cap - Contractor Pack w/ Pre-Installed PEX Inserts

10155557	1/2	10	100	\$ 9.50	
10155558	3/4	10	100	\$ 11.50	



208
C x FIP



Lead Free Water Heater Connection Hose					
Item #	Nominal Size	Length	Inner	Master	List
10155508	1/2 x 3/4	20	1	20	\$22.13
10155506	3/4	20	1	20	\$22.13

While Supplies Last

Lead Free Water Heater Connection Hose - Corrugated SS					
Item #	Nominal Size	Length	Inner	Master	List
10155563	3/4 x 1/2	12	1	20	\$22.75
10155564	3/4 x 1/2	15	1	20	\$ 23.75
10155565	3/4 x 1/2	18	1	20	\$ 24.75
10155566	3/4 x 1/2	21	1	20	\$ 26.75
10155567	3/4 x 3/4	12	1	20	\$22.75
10155568	3/4 x 3/4	15	1	20	\$ 23.75
10155569	3/4 x 3/4	18	1	20	\$ 24.75
10155570	3/4 x 3/4	21	1	20	\$ 26.75



C x F

Lead Free Water Heater Installation Kit					
Item #	Nominal Size	Inner	Master	List	
10135600	1/2 x 3/4	1	15	\$ 22.50	
10188309	3/4 x 3/4	1	15	\$ 22.50	



209
C x C

Lead Free Repair Hose					
Item #	Nominal Size	Length	Inner	Master	List
10155510	1/2	12	1	25	\$ 23.00
10155512	3/4	12	1	25	\$ 23.00



210-8
C x FIP

Flex Water Heater Connector w/Ball Valve						<i>While Supplies Last</i>
Item #	Nominal Size	Length	Inner	Master	List	
10177476	1/2 x 3/4 FIP	18	1	20	\$ 42.00	
10177479	3/4 x 3/4 FIP	18	1	20	\$ 48.00	
Flex Water Heater Connector w/Ball Valve - Corrugated SS						
10155561	3/4 x 1/2 FIP	18	1	20	\$ 44.50	
10155562	3/4 x 3/4 FIP	18	2	20	\$ 50.51	

COMING SOON



210
C x C

Lead Free Ball Valve				
Item #	Nominal Size	Inner	Master	List
10155521	1/2	1	25	\$ 22.00
10155523	3/4	1	15	\$ 28.00
10155525	1	1	10	\$ 38.00
10188118	1 1/4	1	1	\$ 100.00
10188121	1 1/2	1	1	\$ 144.00
10188123	2	1	1	\$ 190.00



210-3
C x F

Lead Free Female Ball Valve				
Item #	Nominal Size	Inner	Master	List
10177482	1/2	1	25	\$ 22.00
10177485	3/4	1	15	\$ 28.00
10177488	1	1	10	\$ 38.00



NEW

Lead Free Pressure Reducing Valve - APOLLOPUSH				
Item #	Nominal Size	Inner	Master	List
10136ELF10301P	1/2	1	1	\$ 85.00
10136ELF10401P	3/4	1	1	\$ 90.00
10136ELF10501P	1	1	1	\$ 138.00



NEW

Lead Free Check Valve - APOLLOPUSH				
Item #	Nominal Size	Inner	Master	List
10161LF10301P	1/2	1	1	\$ 65.00
10161LF10401P	3/4	1	1	\$ 85.00
10161LF10501P	1	1	1	\$ 125.00



NEW

Lead Free Strainer - APOLLOPUSH				
Item #	Nominal Size	Inner	Master	List
10159LF00301P	1/2	1	1	\$ 54.00
10159LF00401P	3/4	1	1	\$ 80.00
10159LF00501P	1	1	1	\$ 120.00



250
C x C

Lead Free Check Valve				
Item #	Nominal Size	Inner	Master	List
10177374	1/2	1	30	\$ 25.00
10177376	3/4	1	20	\$ 30.00
10177372	1	1	15	\$ 63.00



228
C x C

Lead Free Push Angle Stop				
Item #	Nominal Size	Inner	Master	List
10177500	1/2 x 1/4	1	20	\$ 16.00



228-9
C x COMP

Lead Free Compression Angle Stop				
Item #	Nominal Size	Inner	Master	List
10177503	1/2 x 1/4	1	20	\$ 16.00
10177506	1/2 x 3/8	1	20	\$ 16.00



229
C x C

Lead Free Push Straight Stop				
Item #	Nominal Size	Inner	Master	List
10177509	1/2 x 1/4	1	20	\$ 16.00



229-9
C x COMP

Lead Free Compression Straight Stop				
Item #	Nominal Size	Inner	Master	List
10177512	1/2 x 1/4	1	20	\$ 16.00
10177515	1/2 x 3/8	1	20	\$ 16.00



218
FTG x C

Lead Free Fitting Reducer				
Item #	Nominal Size	Inner	Master	List
10177443	1/2 x 3/8	1	30	\$ 12.50
10177446	3/4 x 3/8	1	20	\$ 15.00
10177449	1 x 1/2	1	20	\$ 25.00
10177452	1 x 3/4	1	15	\$ 25.00



Demount Clip				
Item #	Nominal Size	Inner	Master	List
10165621	1/4	1	30	\$ 2.00
10189890	3/8	1	30	\$ 2.00
10165630	1/2	1	30	\$ 2.00
10165625	3/4	1	30	\$ 2.00
10165627	1	1	30	\$ 2.00



Retaining Cap				
Item #	Nominal Size	Inner	Master	List
10065634	1 1/4	1	25	\$ 6.50
10065655	1 1/2	1	25	\$ 7.00
10065675	2	1	25	\$ 7.75



Deburring Tool				
Item #	Nominal Size	Inner	Master	List
10065692	-	-	1	\$ 152.00



Demount Wrench				
Item #	Nominal Size	Inner	Master	List
10065626	1-1/4 to 2	1	25	\$ 24.00

Toolbox - 30 pieces				
Item #	Nominal Size	Inner	Master	List
10155550	-	1	1	\$ 355.00



Demount Rings - Set of 3 Sizes				
Item #	Nominal Size	Inner	Master	List
10065623	1-1/4 to 2	1	50	\$ 21.00



Toolbox Contents		
Item #	Description	Qty
10155452	1/2" Coupling	2
10155454	3/4" Coupling	2
10155458	3/4" x 1/2" Coupling	2
10155462	1/2" x FIP	2
10155464	3/4" x FIP	2
10155468	1/2" x MIP	2
10155470	3/4" x MIP	2
10155476	1/2" Elbow	2
10155478	3/4" Elbow	2
10155486	1/2" Tee	1
10155488	3/4" Tee	1
10155500	1/2" Cap	1
10155502	3/4" Cap	1
10165630	1/2" Demount Clip	1
10165625	3/4" Demount Clip	1
10155521	1/2" Ball Valve	2
10155523	3/4" Ball Valve	2
10177506	1/2" x 3/8" Stop Valve	2



O-Ring Replacement Pack (includes Silicone)				
Item #	Nominal Size	Inner	Master	List
10065637	1-1/4	5	20	\$ 1.50
10065651	1-1/2	5	20	\$ 1.50
10065671	2	5	20	\$ 1.50



Protection Ring				
Item #	Nominal Size	Inner	Master	List
10065638	1-1/4	5	20	\$ 1.50
10065653	1-1/2	5	20	\$ 1.75
10065673	2	5	20	\$ 2.00



Grab Ring				
Item #	Nominal Size	Inner	Master	List
10065639	1-1/4	5	20	\$ 2.25
10065650	1-1/2	5	20	\$ 2.50
10065670	2	5	20	\$ 2.75

**Elkhart Products
Corporation**

1255 Oak Street, Elkhart IN 46514

Customer Service **800.395.7313**

www.elkhartproducts.com



TECTITE™

Price List

Suggested Contractor Prices
Effective July 21, 2014

Minimum Billing - \$50.00

Conditions of Sale

PRICES: All prices and conditions are subject to change without notice and all quotations, unless otherwise specified, are binding only for immediate acceptance. Published prices are based on material made to EPC's standard tolerances and dimensions. All orders are subject to acceptance by the home office. Orders accepted will be on the basis of price in effect on the date of shipment.

FREIGHT: Freight will be allowed on single shipments of \$1,500 net or more to any one destination in the United States, except for Alaska and Hawaii. However, two or more orders may be combined in one shipment for freight allowance. On freight allowed shipments the consignor reserves the right to control the routing and use the route having the lowest published rate.

RETURN OF GOODS: No material is to be returned without our written permission. A minimum handling and inspection charge of 25% will be levied on all approved goods, plus transportation charges both ways. Returns will not be accepted for bagged product that has been opened.

Warranty

Elkhart Products Corporation warrants that all fittings will be free from defects in material and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

Liability Policy PART A

Except as expressly stated on this document, Seller shall not be liable to the Buyer or to any other person, firm or corporation for any incidental or consequential loss, damage or injury arising out of any breach of warranty or any other act or default relating to Buyer's order or to product or services provided to Buyer, even if any such loss, damage or injury is caused by Seller's negligence. The correction of defects as provided in the warranty statement above shall constitute Seller's full obligation with respect to all claims and Seller's liability shall in no event exceed the unit purchase price of the product in question.

Any lawsuit or other action based upon breach of this contract or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller by Buyer) must be commenced within one year from the date of the tender of delivery by Seller or, in the case of a cause of action based upon an alleged breach of warranty, within one year from the date within the warranty period on which the defect is or should have been discovered by the Buyer.



Elkhart Products Corporation

1255 Oak Street • Elkhart, Indiana 46514 • (574)264-3181

www.ElkhartProducts.com

Copper LOC™

Suggested Contractor Prices Effective December 5, 2012

Bag and Master quantities subject to change without notice.



900
C x C

Coupling with Stop (LL)

Item #	Nominal Size	Inner	Master	List
10170700	1/2	1	15	\$ 6.01
10170705	3/4	1	15	\$ 6.85
10170710	1	1	10	\$ 14.20



901-R
C x C

Reducer Coupling (LL)

Item #	Nominal Size	Inner	Master	List
10170715	3/4 x 1/2	1	15	\$ 8.52
10170720	1 x 1/2	1	10	\$ 15.59
10170725	1 x 3/4	1	10	\$ 15.59



903
C x F

Female Adapter (LL)

Item #	Nominal Size	Inner	Master	List
10170730	1/2	1	15	\$ 5.20
10170735	3/4	1	15	\$ 6.91
10170740	1	1	10	\$ 13.13



904
C x M

Male Adapter (LL)

Item #	Nominal Size	Inner	Master	List
10170745	1/2	1	15	\$ 4.69
10170750	3/4	1	15	\$ 6.91
10170755	1	1	10	\$ 11.33



906
C x C

45° Elbow (LL)

Item #	Nominal Size	Inner	Master	List
10170760	1/2	1	15	\$ 6.36
10170765	3/4	1	15	\$ 7.57
10170770	1	1	10	\$ 15.20



906-2
FTG x C

45° Street Elbow (LL)

Item #	Nominal Size	Inner	Master	List
10170775	1/2	1	15	\$ 6.11
10170780	3/4	1	15	\$ 7.94
10170785	1	1	10	\$ 16.59



9707-3-5
C x F

90° Drop Ear Elbow (LL)

Item #	Nominal Size	Inner	Master	List
10170835	1/2	1	15	\$ 8.45



907
C x C

90° Elbow (LL)

Item #	Nominal Size	Inner	Master	List
10170790	1/2	1	15	\$ 6.31
10170795	3/4	1	15	\$ 7.57
10170800	1	1	10	\$ 10.95



907-2
FTG x C

90° Street Elbow (LL)

Item #	Nominal Size	Inner	Master	List
10170805	1/2	1	15	\$ 7.80
10170810	3/4	1	15	\$ 10.08
10170815	1	1	10	\$ 26.49



907-3
C x F

90° Female Elbow (LL)

Item #	Nominal Size	Inner	Master	List
10170820	1/2	1	15	\$ 6.91
10170825	3/4	1	15	\$ 23.14
10170830	1	1	10	\$ 48.60



907-4
C x M

90° Male Elbow (LL)

Item #	Nominal Size	Inner	Master	List
10170840	1/2	1	15	\$ 6.91
10170845	3/4	1	15	\$ 16.58
10170850	1	1	10	\$ 58.59



911
C x C x C

Tee (LL)

Item #	Nominal Size	Inner	Master	List
10170855	1/2	1	15	\$ 8.56
10170860	3/4	1	15	\$ 10.19
10170865	1	1	10	\$ 21.83



Elkhart Products Corporation

CLOC-1





911-R
C x C x C

Reducing Tee (LL)				
Item #	Nominal Size	Inner	Master	List
10170870	3/4 x 3/4 x 1/2	1	15	\$ 10.44
10170875	1 x 1 x 1/2	1	10	\$ 18.87
10170880	1 x 1 x 3/4	1	10	\$ 17.02



Pex Liner

Pex Liner				
Item #	Nominal Size	Inner	Master	List
10065824	1/2	5	100	\$ 0.43
10065828	3/4	5	100	\$ 0.50
10065832	1	5	100	\$ 0.59



917
C

Tube Cap (LL)				
Item #	Nominal Size	Inner	Master	List
10170885	1/2	1	15	\$ 5.68
10170890	3/4	1	15	\$ 8.99
10170895	1	1	10	\$ 15.20



Deburring Tool

Deburring Tool				
Item #	Nominal Size	Inner	Master	List
10065692	-	1	-	\$ 144.66

MINIMUM BILLING - \$50.00

CONDITIONS OF SALE

PRICES: All prices and conditions are subject to change without notice and all quotations, unless otherwise specified, are binding only for immediate acceptance. Published prices are based on material made to EPC's standard tolerances and dimensions. All orders are subject to acceptance by the home office. Orders accepted will be on the basis of price in effect on the date of shipment.

FREIGHT: Freight will be allowed on single shipments of \$1,500 net or more to any one destination in the United States, except for Alaska and Hawaii. However, two or more orders may be combined in one shipment for freight allowance. On freight allowed shipments the consignor reserves the right to control the routing and use the route having the lowest published rate.

RETURN OF GOODS: No material is to be returned without our written permission. A minimum handling and inspection charge of 25% will be applied to approved goods, plus transportation charges both ways. Returns will not be accepted for bagged product that has been opened.

WARRANTY

Elkhart Products Corporation warrants that all fittings will be free from defects in material and workmanship which will impair their usefulness provided they are used in the service for which they are recommended. Any fitting which proves to be defective will be replaced or a credit issued but no incidental labor charges, expenses or damages will be allowed.

LIABILITY POLICY

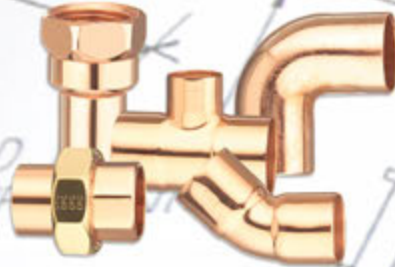
PART A

Except as expressly stated on this document, Seller shall not be liable to the Buyer or to any other person, firm or corporation for any incidental or consequential loss, damage or injury arising out of any breach of warranty or any other act or default relating to Buyer's order or to product or services provided to Buyer, even if any such loss, damage or injury is caused by Seller's negligence. The correction of defects as provided in the warranty statement above shall constitute Seller's full obligation with respect to all claims and Seller's liability shall in no event exceed the unit purchase price of the product in question.

Any lawsuit or other action based upon breach of this contract or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller by Buyer) must be commenced within one year from the date of the tender of delivery by Seller or, in the case of a cause of action based upon an alleged breach of warranty, within one year from the date within the warranty period on which the defect is or should have been discovered by the Buyer.



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Complete line of residential or commercial applications.



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APOLLOXPRESS®

Your single source solution for press technology.



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Permanent Copper push fittings in sizes from 1/4" to 2"

* Product produced in the United Kingdom.



CopperBite™

Removable Copper push fittings in sizes from 1/2" to 1"



CopperLOC

Permanent Copper push fittings in sizes from 1/2" to 1"

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Customer Service

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