

*Streamline*<sup>®</sup>

THE BEST FITTINGS IN THE JOINT.<sup>™</sup>



# COPPER FITTINGS



▶ As originators of the solder-type copper fittings, our commitment to providing the highest quality fittings in the industry holds a special place. Today, our expansive line of Streamline® Copper Fittings are one of the industry's most complete offerings of fittings for copper piping systems from one source. Our many years of engineering know-how and experience are reflected in the fine quality and workmanship of each copper fitting we manufacture.



• Copper Fittings

*Streamline*®

# COPPER FITTINGS



Streamline® Copper Solder-Joint Fittings for supply/pressurized systems have been the leading brand of copper fittings for over 80 years. Available in wrought copper, our product selection has grown to become the most extensive in the industry. We are the acknowledged experts at engineering and manufacturing precision solder-joint copper fittings. Quality, consistency and reliability have made the Streamline® brand trusted and specified all around the world.



- UL Recognized to 700 PSI (select diameters)
- Constructed of high-grade copper or bronze materials
- Made to applicable ASTM standards B16.15, B16.18, B16.22, B16.24, B16.50, B1.20.1
- Wrot fittings meet NSF 61G



## Adapter • Female

C x F  
WC-402



(CONTINUED FROM PREVIOUS COLUMN)

Item No.	Diameter	Each Wt.	Inner Qty.	Master Carton
W 01204	1/4" x 1/2"	0.1000	100	300
W 01205	1/4" x 3/8"	0.0500	100	700
W 01206	1/4" x 1/4"	0.0400	100	900
W 01207	1/4" x 1/8"	0.0400	100	1,500
W 01214	3/8" x 3/8"	0.0600	50	750
W 01215	3/8" x 1/4"	0.0400	50	750
W 01216	3/8" x 1/8"	0.0300	100	1,500
W 01223	1/2" x 3/4"	0.1600	50	300
W 01224	1/2" x 1/2"	0.1000	50	500
W 01225	1/2" x 3/8"	0.0700	50	750
W 01226	1/2" x 1/4"	0.0600	50	750
W 01230	5/8" x 3/4"	0.1600	25	250
W 01231	5/8" x 1/2"	0.1000	50	500
W 01232	5/8" x 3/8"	0.0700	50	500
W 01233	5/8" x 1/4"	0.0600	50	500
W 01238	3/4" x 3/4"	0.1500	50	500
W 01239	3/4" x 1/2"	0.0900	50	500
W 01245	7/8" x 1"	0.2700	25	250
W 01246	7/8" x 3/4"	0.1400	25	250
W 01247	7/8" x 1/2"	0.1100	25	250
W 01261	1-1/8" x 1-1/4"	0.2800	10	100

(CONTINUED NEXT COLUMN)

Item No.	Diameter	Each Wt.	Inner Qty.	Master Carton
W 01263	1-1/8" x 1"	0.2500	25	250
W 01264	1-1/8" x 3/4"	0.2200	25	250
W 01265	1-1/8" x 1/2"	0.2500	20	200
W 01270	1-3/8" x 1-1/2"	0.5000	10	100
W 01271	1-3/8" x 1-1/4"	0.4500	10	100
W 01272	1-3/8" x 1"	0.3300	10	100
W 01278	1-5/8" x 2"	0.7400	–	60
W 01279	1-5/8" x 1-1/2"	0.5300	10	100
W 01280	1-5/8" x 1-1/4"	0.3900	5	50
W 01287	2-1/8" x 2"	0.5700	–	50
W 01288	2-1/8" x 1-1/2"	0.7400	5	50
W 01296	2-5/8" x 2-1/2"	1.2200	–	25
W 01297	3-1/8" x 3"	–	–	15

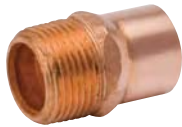


### Adapter • Fitting

FTG x F  
Wrot Style #: WC-405



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01514	3/8" x 3/8"	0.0600	50	750
W 01524	1/2" x 1/2"	0.1000	50	350
W 01525	1/2" x 3/8"	0.0500	50	750
W 01526	1/2" x 1/4"	0.0600	50	750
W 01531	5/8" x 1/2"	0.1100	50	450
W 01532	5/8" x 3/8"	0.0700	50	750
W 01546	7/8" x 3/4"	0.1700	25	250
W 01547	7/8" x 1/2"	0.1100	50	500
W 01563	1-1/8" x 1"	0.2400	25	250
W 01564	1-1/8" x 3/4"	0.1800	25	250
W 01571	1-3/8" x 1-1/4"	0.4000	10	100
W 01579	1-5/8" x 1-1/2"	0.4600	10	100
W 01587	2-1/8" x 2"	0.6500	-	50
W 01596	2-5/8" x 2-1/2"	1.2000	-	25



### Adapter • Male

C X M  
Wrot Style #: WC-401

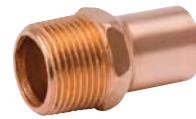


Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01105	1/4" x 3/8"	0.0600	50	750
W 01106	1/4" x 1/4"	0.0300	50	1,200
W 01107	1/4" x 1/8"	0.0200	50	2,400
W 01109	5/16" x 3/8"	0.0700	50	800
W 01110	5/16" x 1/4"	0.0300	50	1,200
W 01113	3/8" x 1/2"	0.0800	50	500
W 01114	3/8" x 3/8"	0.0600	50	750
W 01115	3/8" x 1/4"	0.0300	50	1,200
W 01116	3/8" x 1/8"	0.0200	50	2,000
W 01123	1/2" x 3/4"	0.1700	25	250
W 01124	1/2" x 1/2"	0.0900	50	500
W 01125	1/2" x 3/8"	0.0600	50	500
W 01126	1/2" x 1/4"	0.0500	50	750
W 01129	5/8" x 1"	0.3000	15	150
W 01130	5/8" x 3/4"	0.1700	25	250
W 01131	5/8" x 1/2"	0.0600	50	500
W 01132	5/8" x 3/8"	0.0700	50	500
W 01133	5/8" x 1/4"	0.0600	25	600
W 01138	3/4" x 3/4"	0.1400	25	250
W 01139	3/4" x 1/2"	0.1200	25	250
W 01145	7/8" x 1"	0.2900	10	100
W 01146	7/8" x 3/4"	0.1300	25	250
W 01147	7/8" x 1/2"	0.1200	25	250
W 01161	1-1/8" x 1-1/2"	0.4800	10	100
W 01162	1-1/8" x 11/4"	0.3900	10	100
W 01163	1-1/8" x 1"	0.2400	10	100
W 01164	1-1/8" x 3/4"	0.1700	10	100
W 01165	1-1/8" x 1/2"	0.1800	10	100
W 01170	1-3/8" x 1-1/2"	0.4800	10	100
W 01171	1-3/8" x 1-1/4"	0.4100	10	100
W 01172	1-3/8" x 1"	0.2400	10	100
W 01173	1-3/8" x 3/4"	0.2100	10	100
W 01178	1-5/8" x 2"	0.7800	-	50

(CONTINUED NEXT COLUMN)

(CONTINUED FROM PREVIOUS COLUMN)

Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01179	1-5/8" x 1-1/2"	0.5100	10	100
W 01180	1-5/8" x 1-1/4"	0.3700	10	100
W 01181	1-5/8" x 1"	0.3800	10	100
W 01187	2-1/8" x 2"	0.5700	5	50
W 01188	2-1/8" x 1-1/2"	0.6400	-	50
W 01189	2-1/8" x 1-1/4"	0.5700	-	50
W 01196	2-5/8" x 2-1/2"	1.2600	-	20
W 01197	2-5/8" x 2"	0.9800	-	20
W 01198	2-5/8" x 1-1/2"	0.9800	-	22
W 01199	3-1/8" x 3"	1.7000	-	20
W 01150	4-1/8" x 4"	3.7100	-	16



### Adapter • Fitting

FTG x M  
Wrot Style #: WC-404



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01425	1/2" x 3/8"	0.0500	50	750
W 01431	5/8" x 1/2"	0.0900	50	500
W 01432	5/8" x 3/8"	0.0600	50	750
W 01446	7/8" x 3/4"	0.1500	50	500
W 01447	7/8" x 1/2"	0.1300	50	500
W 01463	1-1/8" x 1"	0.2300	25	250
W 01464	1-1/8" x 3/4"	0.1900	25	250
W 01471	1-3/8" x 1-1/4"	0.4100	10	100
W 01479	1-5/8" x 1-1/2"	0.4900	10	100
W 01487	2 1/8" x 2"	0.7600	-	50
W 01496	2-5/8" x 2-1/2"	1.9500	-	20



### Bushing • Flush

FTG x C  
Wrot Style #: WC-106



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01706	3/8" x 1/4"	0.0100	100	4,000
W 01712	1/2" x 3/8"	0.0100	100	4,000
W 01714	1/2" x 1/4"	0.0200	100	2,400
W 01715	5/8" x 1/2"	0.0200	100	1,500
W 01717	5/8" x 3/8"	0.0400	100	1,500
W 01720	3/4" x 5/8"	0.0300	50	750
W 01721	3/4" x 1/2"	0.0600	50	750
W 01722	3/4" x 3/8"	0.0800	50	750
W 01725	7/8" x 3/4"	0.0400	50	500
W 01726	7/8" x 5/8"	0.0700	50	500
W 01727	7/8" x 1/2"	0.1100	50	500
W 01737	1-1/8" x 7/8"	0.1200	50	500
W 01738	1-1/8" x 3/4"	0.1800	50	500
W 01739	1-1/8" x 5/8"	0.2200	25	250
W 01743	1-3/8" x 1-1/8"	0.1600	10	200
W 01745	1-3/8" x 7/8"	0.3000	10	200
W 01750	1-5/8" x 1-3/8"	0.2200	10	100
W 01751	1-5/8" x 1-1/8"	0.4100	10	100
W 01758	2-1/8" x 1-5/8"	0.6800	10	100
W 01759	2-1/8" x 1-3/8"	0.9400	5	50
W 01767	2-5/8" x 2-1/8"	0.9200	-	50

All diameters are O.D.

# COPPER FITTINGS



## Bushing • Flush

FTG x F  
Wrot Style #: WC-417  
Brass



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
A 07812	5/8" x 1/8"	0.0400	100	1,600
A 07813	5/8" x 1/4"	0.0200	50	1,200
A 07814	7/8" x 3/8"	0.0800	50	450
A 07815	1-1/8" x 1/2"	0.1700	50	300
A 07816	1-3/8" x 3/4"	0.2500	10	160
A 07817	1-5/8" x 1"	0.3400	10	90
A 07819	2-1/8" x 1-1/2"	0.4800	10	90



## Cap

C  
Wrot Style #: WC-415



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 07002 †	1/4"	0.0000	50	2,000
W 07004 †	3/8"	0.0100	50	2,000
W 07006 †	1/2"	0.0100	50	1,000
W 07007 †	5/8"	0.0200	100	1,000
W 07008 †	3/4"	0.0300	50	2,000
W 07009 †	7/8"	0.0400	50	500
W 07011 †	1-1/8"	0.0800	50	500
W 07012 †	1-3/8"	0.1100	25	250
W 07013 †	1-5/8"	0.1800	25	250
W 07014 †	2-1/8"	0.3000	-	100
W 07015 †	2-5/8"	0.4800	-	50
W 07016	3-1/8"	0.7300	-	50
W 07017	3-5/8"	1.1500	-	25
W 07018	4-1/8"	1.5000	-	20



## Coupling • No Stop

C x C  
Wrot Style #: WC-400NS



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01900 †	1/4"	0.0000	100	4,000
W 01901 †	3/8"	0.0100	50	2,000
W 01902 †	1/2"	0.0100	50	1,700
W 01903 †	5/8"	0.0300	100	1,000
W 01904 †	3/4"	0.0400	25	375
W 01905 †	7/8"	0.0600	50	500
W 01906 †	1-1/8"	0.1100	25	250
W 01907 †	1-3/8"	0.1500	25	250
W 01908 †	1-5/8"	0.2500	10	100
W 01909 †	2-1/8"	0.4000	-	75
W 01910 †	2-5/8"	0.6600	-	50
W 01911	3-1/8"	1.0300	-	25
W 01913	4-1/8"	2.1500	-	15



## Coupling • Rolled Stop

C x C  
Wrot Style #: WC-400



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01000 †	1/8"	0.0000	100	4,000
W 01001 †	3/16"	0.0000	100	4,000
W 01003 †	1/4"	0.0000	100	4,000
W 01009 †	3/8"	0.0100	50	2,000
W 01017 †	1/2"	0.0100	50	1,700
W 01022 †	5/8"	0.0300	100	1,000
W 01028 †	3/4"	0.0500	50	500
W 01034 †	7/8"	0.0600	50	500
W 01040 †	1"	0.0900	25	250
W 01047 †	1-1/8"	0.1100	25	250
W 01055 †	1-3/8"	0.1500	25	250
W 01062 †	1-1/2"	0.2200	-	150
W 01063 †	1-5/8"	0.2100	10	100
W 01072 †	2-1/8"	0.4000	-	75
W 01082 †	2-5/8"	0.6600	-	50
W 01092	3-1/8"	1.0300	-	25
W 10100	3-5/8"	1.1800	-	20
W 10107	4-1/8"	2.1100	-	15



## Coupling • Staked Stop

C x C  
Wrot Style #: WC-400S



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 10141 †	1/4"	0.0000	100	3,400
W 10142 †	5/16"	0.0100	100	5,600
W 10143 †	3/8"	0.0100	50	2,000
W 10144 †	1/2"	0.0100	50	1,700
W 10145 †	5/8"	0.0300	100	1,000
W 10157 †	3/4"	0.0400	25	500
W 10146 †	7/8"	0.0600	50	500
W 10147 †	1-1/8"	0.1100	25	250
W 10148 †	1-3/8"	0.1500	25	250
W 10149 †	1-5/8"	0.2200	10	100
W 10150 †	2-1/8"	0.4100	-	75
W 10151 †	2-5/8"	0.6600	-	50
W 10152	3-1/8"	1.0200	-	25
W 10153	3-5/8"	1.0300	-	20
W 10154	4-1/8"	2.1500	-	15
W 10155	5-1/8"	3.3400	-	8
W 10156	6-1/8"	4.6100	-	3
W 10130	8-1/8"	14.1300	-	1

† UL Recognized to 700 PSI (select diameters).



### Coupling • Reducing

C x C  
Wrot Style #: WC-400R



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01004 †	1/4" x 3/16"	0.0100	50	2,000
W 01005 †	1/4" x 1/8"	0.0000	50	2,000
W 01010 †	3/8" x 5/16	0.0100	50	1,700
W 01011 †	3/8" x 1/4"	0.0100	50	2,000
W 01019 †	1/2" x 3/8"	0.0100	50	1,700
W 01021 †	1/2" x 1/4"	0.0200	50	1,200
W 01023 †	5/8" x 1/2"	0.0300	100	1,000
W 01025 †	5/8" x 3/8"	0.0300	100	1,000
W 01027 †	5/8" x 1/4"	0.0300	100	1,000
W 01029 †	3/4" x 5/8"	0.0500	100	600
W 01030 †	3/4" x 1/2"	0.0400	100	600
W 01031 †	3/4" x 3/8"	0.0400	100	600
W 01035 †	7/8" x 3/4"	0.0600	100	1,000
W 01036 †	7/8" x 5/8"	0.0800	50	500
W 01037 †	7/8" x 1/2"	0.0600	50	500
W 01038 †	7/8" x 3/8"	0.0600	50	500
W 01049 †	1-1/8" x 7/8"	0.1300	25	250
W 01050 †	1-1/8" x 3/4"	0.1100	25	250
W 01051 †	1-1/8" x 5/8"	0.1100	25	250
W 01052 †	1-1/8" x 1/2"	0.1100	25	250
W 01056 †	1-3/8" x 1-1/8"	0.2000	10	100
W 01058 †	1-3/8" x 7/8"	0.1700	10	100
W 01060 †	1-3/8" x 5/8"	0.1700	10	100
W 01064 †	1-5/8" x 1-3/8"	0.2300	10	100
W 01065 †	1-5/8" x 1-1/8"	0.2300	10	100
W 01067 †	1-5/8" x 7/8"	0.2400	10	100
W 01069 †	1-5/8" x 5/8"	0.2200	10	100
W 01073 †	2-1/8" x 1-5/8"	0.4300	-	100
W 01074 †	2-1/8" x 1-3/8"	0.4300	-	100
W 01075 †	2-1/8" x 1-1/8"	0.4600	-	100
W 01077 †	2-1/8" x 7/8"	0.4000	-	100
W 01079 †	2-1/8" x 5/8"	0.4100	-	75
W 01083 †	2-5/8" x 2-1/8"	0.6500	-	50
W 01084 †	2-5/8" x 1-5/8"	0.7500	-	50
W 01085 †	2-5/8" x 1-3/8"	0.7000	-	50
W 01086 †	2-5/8" x 1-1/8"	0.7100	-	50
W 01093	3-1/8" x 2-5/8"	1.0600	-	25
W 01094	3-1/8" x 2-1/8"	1.1000	-	25
W 01095	3-1/8" x 1-5/8"	1.0100	-	25
W 10101	3-5/8" x 3-1/8"	1.2200	-	25
W 10108	4-1/8" x 3-5/8"	1.8700	-	20
W 10109	4-1/8" x 3-1/8"	0.7600	-	20
W 10110	4-1/8" x 2-5/8"	1.8800	-	15
W 10111	4-1/8" x 2-1/8"	1.9700	-	20



### 45° Elbow

C x C  
Wrot Style #: WE-504



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 03005 †	1/4"	0.0100	50	2,000
W 03012 †	3/8"	0.0100	50	2,800
W 03021 †	1/2"	0.0300	50	850
W 03026 †	5/8"	0.0400	50	500
W 03030 †	3/4"	0.0600	50	500
W 03034 †	7/8"	0.0900	25	250
W 03044 †	1-1/8"	0.1600	25	250
W 03050 †	1-3/8"	0.2500	10	100
W 03055 †	1-5/8"	0.3600	10	100
W 03059 †	2-1/8"	0.6000	10	50
W 03063 †	2-5/8"	1.0000	5	25
W 03067	3-1/8"	1.5300	2	20
W 03070	3-5/8"	2.8100	2	10
W 03073	4-1/8"	3.1400	-	5



### 45° Elbow • Street

FTG x C  
Wrot Style #: WE-505



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 03312 †	3/8"	0.0100	100	3,400
W 03321 †	1/2"	0.0300	100	1,500
W 03326 †	5/8"	0.0300	50	500
W 03330 †	3/4"	0.0600	50	500
W 03334 †	7/8"	0.0900	25	250
W 03344 †	1-1/8"	0.1500	25	250
W 03350 †	1-3/8"	0.2400	10	100
W 03355 †	1-5/8"	0.3300	10	100
W 03359 †	2-1/8"	0.6100	5	50
W 03363 †	2-5/8"	1.0500	2	20
W 03368	3-1/8"	1.5200	2	10
W 03373	4-1/8"	3.1100	-	5



### 45° Elbow

FTG x FTG  
Wrot Style #: WE-507



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 03621 †	1/2"	0.0200	50	1,700
W 03626 †	5/8"	0.0400	50	750
W 03634 †	7/8"	0.1000	25	250
W 03644 †	1-1/8"	0.1800	10	100

† UL Recognized to 700 PSI (select diameters).



# COPPER FITTINGS



## 90° Elbow • Short Radius

C x C

Wrot Style #: WE-500



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02003 †	1/4"	0.0100	50	2,000
W 02009 †	3/8"	0.0200	50	1,700
W 02017 †	1/2"	0.0300	50	1,000
W 02022 †	5/8"	0.0500	100	1,000
W 02028 †	3/4"	0.0800	50	500
W 02034 †	7/8"	0.1100	50	500
W 02040 †	1"	0.2200	20	200
W 02047 †	1-1/8"	0.2400	25	250
W 02084 †	1-3/8"	0.3000	10	100
W 02085 †	1-5/8"	0.4200	10	100
W 02086 †	2-1/8"	0.7600	10	50
W 02087 †	2-5/8"	1.1900	5	25
W 02088	3-1/8"	1.8800	5	25
W 02089	3-5/8"	2.7700	2	10
W 02090	4-1/8"	4.0000	2	10
W 02097	6-1/8"	13.7300	-	1
W 02011 †	3/8" x 1/4"	0.0200	50	750
W 02019 †	1/2" x 3/8"	0.0300	50	750
W 02023 †	5/8" x 1/2"	0.0500	50	500
W 02025 †	5/8" x 3/8"	0.0500	50	500
W 02029 †	3/4" x 5/8"	0.0600	50	500
W 02030 †	3/4" x 1/2"	0.0700	50	500
W 02035 †	7/8" x 3/4"	0.1100	50	500
W 02036 †	7/8" x 5/8"	0.1100	50	500
W 02037 †	7/8" x 1/2"	0.1100	50	500
W 02049 †	1-1/8" x 7/8"	0.1700	25	250
W 02050 †	1-1/8" x 3/4"	0.1600	25	250
W 02051 †	1-1/8" x 5/8"	0.1800	25	250
W 02052 †	1-1/8" x 1/2"	0.2000	25	150
W 02056 †	1-3/8" x 1-1/8"	0.3200	20	200
W 02077 †	1-5/8" x 1-3/8"	0.3300	5	100
W 02078 †	2-1/8" x 1-5/8"	0.6000	5	50



## 90° Elbow • Long Radius

C x C

Wrot Style #: WE-500L



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02701 †	3/16"	0.0000	50	1,000
W 02715 †	1/4"	0.0100	50	2,000
W 02710 †	5/16"	0.0100	50	1,700
W 02716 †	3/8"	0.0200	50	1,700
W 02717 †	1/2"	0.0400	50	500
W 02722 †	5/8"	0.0600	50	500
W 02728 †	3/4"	0.0900	50	500
W 02734 †	7/8"	0.1300	25	250
W 02747 †	1-1/8"	0.2700	10	100
W 02055 †	1-3/8"	0.4200	10	100
W 02063 †	1-5/8"	0.6000	5	50
W 02072 †	2-1/8"	1.2300	5	25
W 02082 †	2-5/8"	2.0500	5	25
W 02092	3-1/8"	3.1300	2	10
W 02093	3-5/8"	5.5300	1	5
W 02095	4-1/8"	7.9800	-	1

(CONTINUED NEXT COLUMN)

(CONTINUED FROM PREVIOUS COLUMN)

Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02711 †	3/8" x 1/4"	0.0100	50	3,000
W 02719 †	1/2" x 3/8"	0.0300	50	2,000
W 02723 †	5/8" x 1/2"	0.0400	50	1,000
W 02725 †	5/8" x 3/8"	0.0300	50	1,000
W 02735 †	7/8" x 3/4"	0.1200	25	250
W 02736 †	7/8" x 5/8"	0.0900	50	500
W 02749 †	1-1/8" x 7/8"	0.1700	10	100
W 02756 †	1-3/8" x 1-1/8"	0.3100	10	100
W 02058 †	1-3/8" x 7/8"	0.3700	10	100
W 02060 †	1-3/8" x 5/8"	0.3700	10	100
W 02064 †	1-5/8" x 1-3/8"	0.4400	5	50
W 02065 †	1-5/8" x 1-1/8"	0.5200	5	50
W 02067 †	1-5/8" x 7/8"	0.5100	5	50
W 02073 †	2-1/8" x 1-5/8"	0.9800	2	20
W 02074 †	2-1/8" x 1-3/8"	0.9400	2	20
W 02075 †	2-1/8" x 1-1/8"	0.9700	2	20
W 02083 †	2-5/8" x 2-1/8"	1.5300	2	20



## 90° Elbow Short Radius • Street

FTG x C

Wrot Style #: WE-503



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02305 †	1/4"	0.0100	50	2,000
W 02312 †	3/8"	0.0200	50	1,700
W 02321 †	1/2"	0.0300	50	750
W 02326 †	5/8"	0.0500	50	500
W 02330 †	3/4"	0.0900	25	250
W 02334 †	7/8"	0.1100	25	250
W 02344 †	1-1/8"	0.2200	25	250
W 02384 †	1-3/8"	0.2900	25	125
W 02385 †	1-5/8"	0.4400	10	100
W 02386 †	2-1/8"	0.7700	10	50
W 02387 †	2-5/8"	1.2300	5	25
W 02388	3-1/8"	1.9400	2	20
W 02389	3-5/8"	2.7800	1	10
W 02390	4-1/8"	4.0300	2	10

† UL Recognized to 700 PSI (select diameters).



**90° Elbow  
Long Radius • Street**  
FTG x C  
Wrot Style #: WE-503L



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02809 †	3/8"	0.0200	50	1,700
W 02817 †	1/2"	0.0400	50	500
W 02822 †	5/8"	0.0600	50	500
W 02828 †	3/4"	0.0900	25	250
W 02834 †	7/8"	0.1300	25	250
W 02847 †	1-1/8"	0.2600	10	100
W 02350 †	1-3/8"	0.4200	10	100
W 02355 †	1-5/8"	0.6000	5	50
W 02359 †	2-1/8"	1.2300	5	25
W 02363 †	2-5/8"	2.0800	5	25
W 02368	3-1/8"	3.1200	2	10
W 02393	3-5/8"	5.5200	1	5
W 02395	4-1/8"	8.0700	-	1



**90° Elbow • Short Radius**  
FTG x FTG  
Wrot Style #: WE-506



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02612 †	3/8"	0.0200	50	2,800
W 02621 †	1/2"	0.0300	50	750
W 02626 †	5/8"	0.0500	50	500
W 02634 †	7/8"	0.1100	25	250
W 02644 †	1-1/8"	0.2200	10	100
W 02684 †	1-3/8"	0.3100	10	100
W 02685 †	1-5/8"	0.4300	5	50
W 02686 †	2-1/8"	0.7900	1	10
W 02687 †	2-5/8"	1.2500	1	10
W 02688	3-1/8"	2.0800	1	10
W 02689	3-5/8"	2.6300	1	10
W 02690	4-1/8"	3.8800	1	5



**90° Elbow • Long Radius**  
FTG x FTG  
Wrot Style #: WE-506L



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02650 †	1-3/8"	0.4400	5	50
W 02655 †	1-5/8"	0.6300	5	50
W 02659 †	2-1/8"	1.2300	1	10



**90° Elbow • Forged Brass**  
C x F  
Wrot Style #: WE-502



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02206	1/4" x 1/4"	0.1000	50	450
W 02207	1/4" x 1/8"	0.0700	50	800
W 02214	3/8" x 3/8"	0.1000	50	600
W 02216	3/8" x 1/8"	0.0800	50	700
W 02225	3/8" x 3/8"	0.1100	25	300
W 02226	3/8" x 1/4"	0.1000	25	350



**90° Elbow • Forged Brass**  
C x M  
Wrot Style #: WE-501



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 02106	1/4" x 1/4"	0.0700	50	700
W 02107	1/4" x 1/8"	0.0400	50	1,200
W 02115	1/4" x 1/4"	0.0600	50	800
W 02116	1/4" x 1/8"	0.0600	50	800
W 02125	1/4" x 3/8"	0.1000	25	400
W 02132	1/4" x 3/8"	0.1600	10	240



**90° Fitting Reducer**  
FTG x C  
Wrot Style #: WC-403



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01302 †	1/4" x 1/8"	0.0000	50	2,000
W 01306 †	3/8" x 1/4"	0.0100	50	2,000
W 01312 †	1/2" x 3/8"	0.0200	50	2,000
W 01314 †	1/2" x 1/4"	0.0100	50	2,800
W 01315 †	5/8" x 1/2"	0.0300	50	750
W 01317 †	5/8" x 3/8"	0.0200	50	1,700
W 01320 †	3/4" x 5/8"	0.0400	100	1,000
W 01321 †	3/4" x 1/2"	0.0400	100	900
W 01322 †	3/4" x 3/8"	0.0400	100	900
W 01325 †	7/8" x 3/4"	0.0600	50	500
W 01326 †	7/8" x 5/8"	0.0600	50	500
W 01327 †	7/8" x 1/2"	0.0600	50	500
W 01337 †	1-1/8" x 7/8"	0.1100	25	250
W 01338 †	1-1/8" x 3/4"	0.1000	25	250
W 01339 †	1-1/8" x 5/8"	0.1000	25	250
W 01340 †	1-1/8" x 1/2"	0.1000	20	200
W 01343 †	1-3/8" x 1-1/8"	0.1700	10	100
W 01345 †	1-3/8" x 7/8"	0.1700	10	100
W 01347 †	1-3/8" x 5/8"	0.1600	10	100
W 01350 †	1-5/8" x 1-3/8"	0.2300	10	100
W 01351 †	1-5/8" x 1-1/8"	0.2400	10	100
W 01353 †	1-5/8" x 7/8"	0.2300	10	100

(CONTINUED NEXT PAGE)



# COPPER FITTINGS



## 90° Fitting Reducer (Continued)

FTG x C  
Wrot Style #: WC-403



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 01355 †	1-5/8" x 5/8"	0.2200	10	100
W 01358 †	2-1/8" x 1-5/8"	0.4400	-	100
W 01359 †	2-1/8" x 1-3/8"	0.4300	-	100
W 01360 †	2-1/8" x 1-1/8"	0.4500	-	100
W 01362 †	2-1/8" x 7/8"	0.4300	-	100
W 01364 †	2-1/8" x 5/8"	0.4200	-	100
W 01367 †	2-5/8" x 2-1/8"	0.6200	-	50
W 01368 †	2-5/8" x 1-5/8"	0.5700	-	50
W 01369 †	2-5/8" x 1-3/8"	0.6200	-	50
W 01370 †	2-5/8" x 1-1/8"	0.6300	-	50
W 01376	3-1/8" x 2-5/8"	1.0000	-	25
W 01377	3-1/8" x 2-1/8"	0.8900	-	25
W 01378	3-1/8" x 1-5/8"	0.9200	-	50
W 01379	3-1/8" x 1-3/8"	1.0100	-	50
W 01381	3-5/8" x 3-1/8"	1.2800	-	20
W 01382	3-5/8" x 2-5/8"	1.3700	-	20
W 01383	3-5/8" x 2-1/8"	1.4700	-	20
W 01386	4-1/8" x 3-5/8"	1.7400	-	20
W 01387	4-1/8" x 3-1/8"	1.7700	-	15
W 01388	4-1/8" x 2-5/8"	1.8300	-	15
W 01389	4-1/8" x 2-1/8"	1.8600	-	15



## Hanger High Ear

C  
Wrot Style #: W-124



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
A 03167	5/8"	0.0300	100	10,000
A 03168	7/8"	0.0400	25	500
A 03171	1-1/8"	0.0400	25	250



## Plug • Fitting

FTG  
Wrot Style #: WC-416  
Brass



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
A 01402	1/4"	0.0100	50	500
A 01422	3/8"	0.0100	100	4,000
A 01392	1/2"	0.0200	50	2,000
A 01504	5/8"	0.0300	50	1,200
A 02273	3/4"	0.0500	10	560
A 01529	7/8"	0.0700	50	600
A 01556	1-1/8"	0.1200	25	375
A 01590	1-3/8"	0.2000	15	180
A 01628	1-5/8"	0.2800	10	120



## P-Trap • Pressure

C x C  
Wrot Style #: WE-554P



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 60999	5/8"	0.3800	10	50
W 61008	3/4"	0.5100	10	50
W 61000	7/8"	0.6300	5	25
W 61001	1-1/8"	0.8700	3	15
W 61002	1-3/8"	1.1600	4	20
W 61003	1-5/8"	2.2800	4	4
W 61009	2-1/8"	3.8700	-	3



## P-Trap • Suction Line Long Radius

C x C  
Wrot Style #: WE-554PL



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 60998	5/8"	0.1500	30	150
W 60997	3/4"	0.3000	20	100
W 60996	7/8"	0.3600	15	75
W 60995	1-1/8"	0.5800	15	75
W 60994	1-3/8"	0.9700	5	25
W 60993	1-5/8"	1.8400	-	5
W 60992	2-1/8"	3.6100	-	3



**Return Bend**  
C x C  
Wrot Style #: WE-512



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 06025 †	3/8" x 4-1/2"	0.1000	25	150
W 06020 †	3/8" x 1-1/2"	0.0200	25	850
W 06048 †	1/2" x 6"	0.2100	-	100
W 06045 †	1/2" x 4"	0.1400	-	200
W 06041 †	1/2" x 3"	0.1100	25	250
W 06036 †	1/2" x 2"	0.0600	50	300
W 06035 †	1/2" x 12-9/32"	0.0800	50	300
W 06032 †	1/2" x 1-1/2"	0.0600	50	500
W 06069 †	5/8" x 6"	0.3000	5	30
W 06062 †	5/8" x 3-3/8"	0.1800	10	100
W 06060 †	5/8" x 3"	0.1600	25	150
W 06058 †	5/8" x 2-1/2"	0.1400	25	250
W 06056 †	5/8" x 2-1/4"	0.1300	25	250
W 06053 †	5/8" x 1-7/8"	0.1100	25	250
W 06051 †	5/8" x 19/16"	0.1000	25	250
W 06084 †	3/4" x 4"	0.2500	-	120
W 06081 †	3/4" x 3-3/8"	0.2400	10	90
W 06077 †	3/4" x 2-1/2"	0.1700	10	100
W 06074 †	3/4" x 2-1/8"	0.1600	10	100
W 06073 †	3/4" x 2"	0.1500	10	100
W 06099 †	7/8" x 12"	0.8800	-	15
W 06095 †	7/8" x 3-3/8"	0.2900	10	100
W 06092 †	7/8" x 2-1/2"	0.2300	10	100
W 60111 †	1-1/8" x 3-1/4"	0.4900	5	50
W 60110 †	1-1/8" x 3"	0.4700	5	50
W 60121 †	1-3/8" x 3-3/4"	0.6500	5	50
W 60131 †	1-5/8" x 4-1/2"	1.0000	5	25
W 60140 †	2-1/8" x 5-1/2"	1.9200	5	25



**Tee**  
C x C x C  
Wrot Style #: WT-600



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 40302 †	3/16"	0.0100	50	1,700
W 40306 †	1/4"	0.0100	100	2,400
W 40313 †	5/16"	0.0100	50	1,700
W 04000 †	3/8"	0.0200	50	1,700
W 04001 †	1/2"	0.0400	50	500
W 04006 †	5/8"	0.0700	50	500
W 04017 †	3/4"	0.1200	25	250
W 04031 †	7/8"	0.1600	25	250
W 04048 †	1-1/8"	0.2900	10	100
W 04068 †	1-3/8"	0.4200	5	50
W 04084 †	1-5/8"	0.6000	5	50
W 40102 †	2-1/8"	1.1400	5	25
W 40123 †	2-5/8"	1.7200	2	20
W 40152	3-1/8"	2.7700	2	10
W 40190	3-5/8"	5.6600	1	5
W 40200	4-1/8"	5.9900	1	5
W 40400	5-1/8"	12.3800	-	1
W 40500	6-1/8"	20.8500	-	1



**Tee • Reducing**  
C x C x C  
Wrot Style #: WT-600



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 40368 †	1/4" x 1/4" x 3/8"	0.0300	50	750
W 40308 †	1/4" x 1/4" x 3/16"	0.0100	50	2,000
W 40334 †	5/16" x 5/16" x 3/8"	0.0300	50	750
W 04016 †	3/8" x 3/8" x 5/8"	0.0800	50	500
W 04005 †	3/8" x 3/8" x 1/2"	0.0400	50	500
W 40324 †	3/8" x 3/8" x 1/4"	0.0200	50	1,700
W 40330 †	3/8" x 1/4" x 3/8"	0.0200	50	500
W 40332 †	3/8" x 1/4" x 1/4"	0.0200	50	1,700
W 04015 †	1/2" x 1/2" x 5/8"	0.0900	50	500
W 04002 †	1/2" x 1/2" x 3/8"	0.0400	50	500
W 40350 †	1/2" x 1/2" x 1/4"	0.0400	50	500
W 04003 †	1/2" x 3/8" x 1/2"	0.0500	50	500
W 04004 †	1/2" x 3/8" x 3/8"	0.0400	50	500
W 40358 †	1/2" x 3/8" x 1/4"	0.0400	50	750
W 40363 †	1/2" x 1/4" x 1/2"	0.0500	50	750
W 40364 †	1/2" x 1/4" x 3/8"	0.0400	50	750
W 40366 †	1/2" x 1/4" x 1/4"	0.0500	50	450
W 04067 †	5/8" x 5/8" x 1-1/8"	0.3500	10	100
W 04047 †	5/8" x 5/8" x 7/8"	0.1100	25	250
W 04029 †	5/8" x 5/8" x 3/4"	0.1000	25	250
W 04007 †	5/8" x 5/8" x 1/2"	0.0800	50	500
W 04008 †	5/8" x 5/8" x 3/8"	0.0600	50	500
W 04014 †	5/8" x 5/8" x 1/4"	0.0800	50	500
W 04009 †	5/8" x 1/2" x 5/8"	0.0900	50	500
W 04010 †	5/8" x 1/2" x 1/2"	0.0800	50	500
W 04011 †	5/8" x 1/2" x 3/8"	0.0800	50	500
W 04012 †	5/8" x 3/8" x 5/8"	0.0900	50	500
W 40367 †	5/8" x 3/8" x 1/2"	0.0800	50	500
W 04013 †	5/8" x 3/8" x 3/8"	0.0900	50	500
W 04046 †	3/4" x 3/4" x 7/8"	0.1500	25	250
W 04018 †	3/4" x 3/4" x 5/8"	0.1000	25	250
W 04019 †	3/4" x 3/4" x 1/2"	0.1000	25	250
W 04020 †	3/4" x 3/4" x 3/8"	0.1000	25	250
W 04021 †	3/4" x 5/8" x 3/4"	0.1300	25	225
W 04022 †	3/4" x 5/8" x 5/8"	0.1100	25	250
W 04023 †	3/4" x 5/8" x 1/2"	0.1100	25	225
W 04025 †	3/4" x 1/2" x 3/4"	0.1500	25	250
W 04026 †	3/4" x 1/2" x 5/8"	0.1400	25	225
W 04027 †	3/4" x 1/2" x 1/2"	0.1100	25	250
W 04065 †	7/8" x 7/8" x 1-1/8"	0.2200	10	100
W 04032 †	7/8" x 7/8" x 3/4"	0.1700	25	250
W 04033 †	7/8" x 7/8" x 5/8"	0.1200	25	250
W 04034 †	7/8" x 7/8" x 1/2"	0.1100	25	250
W 04035 †	7/8" x 7/8" x 3/8"	0.1100	25	250
W 04036 †	7/8" x 3/4" x 7/8"	0.1900	25	250
W 04037 †	7/8" x 3/4" x 3/4"	0.1700	25	250
W 04041 †	7/8" x 5/8" x 7/8"	0.1600	25	250
W 04042 †	7/8" x 5/8" x 3/4"	0.1700	25	150
W 04043 †	7/8" x 5/8" x 5/8"	0.1300	25	250
W 04044 †	7/8" x 5/8" x 1/2"	0.1200	25	250
W 04045 †	7/8" x 5/8" x 3/8"	0.1500	25	225
W 40230 †	7/8" x 1/2" x 7/8"	0.1900	25	250
W 40231 †	7/8" x 1/2" x 5/8"	0.1700	25	250
W 40232 †	7/8" x 1/2" x 1/2"	0.1200	25	250
W 40101 †	1-1/8" x 1-1/8" x 1-5/8"	0.4700	5	50
W 04082 †	1-1/8" x 1-1/8" x 1-3/8"	0.3100	5	50
W 04049 †	1-1/8" x 1-1/8" x 7/8"	0.2400	10	100
W 04050 †	1-1/8" x 1-1/8" x 3/4"	0.2700	10	100
W 04051 †	1-1/8" x 1-1/8" x 5/8"	0.2100	10	100

(CONTINUED NEXT PAGE)

# COPPER FITTINGS



## Tee • Reducing (Continued from previous page)

C x C x C  
Wrot Style #: WT-600



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 04052 †	1-1/8" x 1-1/8" x 1/2"	0.1900	10	100
W 04055 †	1-1/8" x 7/8" x 1-1/8"	0.3000	10	100
W 04056 †	1-1/8" x 7/8" x 7/8"	0.2500	10	100
W 04057 †	1-1/8" x 7/8" x 3/4"	0.4300	10	90
W 04058 †	1-1/8" x 7/8" x 5/8"	0.2300	10	100
W 04059 †	1-1/8" x 7/8" x 1/2"	0.2100	10	100
W 40233 †	1-1/8" x 3/4" x 1-1/8"	0.3300	10	100
W 40234 †	1-1/8" x 3/4" x 7/8"	0.3000	10	90
W 40235 †	1-1/8" x 3/4" x 3/4"	0.3100	10	100
W 40236 †	1-1/8" x 3/4" x 5/8"	0.3500	10	90
W 4061 †	1-1/8" x 5/8" x 1-1/8"	0.3000	10	100
W 4062 †	1-1/8" x 5/8" x 7/8"	0.2800	10	100
W 4063 †	1-1/8" x 5/8" x 5/8"	0.2100	10	100
W 40122 †	1-3/8" x 1-3/8" x 2-1/8"	0.8900	2	20
W 40100 †	1-3/8" x 1-3/8" x 1-5/2"	0.4900	5	50
W 4069 †	1-3/8" x 1-3/8" x 1-1/8"	0.4100	5	50
W 4070 †	1-3/8" x 1-3/8" x 7/8"	0.3500	5	50
W 4071 †	1-3/8" x 1-3/8" x 5/8"	0.3200	5	50
W 4072 †	1-3/8" x 1-3/8" x 1/2"	0.2900	5	50
W 4073 †	1-3/8" x 1-1/8" x 1-3/8"	0.4800	5	50
W 4074 †	1-3/8" x 1-1/8" x 1-1/8"	0.4600	5	50
W 4075 †	1-3/8" x 1-1/8" x 7/8"	0.3800	5	50
W 4076 †	1-3/8" x 1-1/8" x 5/8"	0.3600	5	50
W 4078 †	1-3/8" x 7/8" x 1-3/8"	0.4500	5	50
W 4079 †	1-3/8" x 7/8" x 1-1/8"	0.4600	5	50
W 4080 †	1-3/8" x 7/8" x 7/8"	0.3700	5	50
W 4081 †	1-3/8" x 7/8" x 5/8"	0.3400	5	50
W 4083 †	1-3/8" x 5/8" x 1-3/8"	0.5700	5	50
W 40121 †	1-5/8" x 1-5/8" x 2-1/8"	1.2100	2	20
W 4085 †	1-5/8" x 1-5/8" x 1-3/8"	0.5700	5	50
W 4086 †	1-5/8" x 1-5/8" x 1-1/8"	0.5200	5	50
W 4087 †	1-5/8" x 1-5/8" x 7/8"	0.4700	5	50
W 4088 †	1-5/8" x 1-5/8" x 5/8"	0.4200	5	50
W 4089 †	1-5/8" x 1-5/8" x 1/2"	0.4100	5	50
W 4090 †	1-5/8" x 1-3/8" x 1-5/8"	0.6800	5	50
W 4091 †	1-5/8" x 1-3/8" x 1-3/8"	0.6900	5	50
W 4092 †	1-5/8" x 1-3/8" x 1-1/8"	0.5700	5	50
W 4093 †	1-5/8" x 1-3/8" x 7/8"	0.5700	5	50
W 4094 †	1-5/8" x 1-3/8" x 5/8"	0.4500	5	50
W 4095 †	1-5/8" x 1-1/8" x 1-5/8"	0.6800	5	50
W 4096 †	1-5/8" x 1-1/8" x 1-3/8"	0.6500	5	50
W 4097 †	1-5/8" x 1-1/8" x 1-1/8"	0.6100	5	50
W 4098 †	1-5/8" x 1-1/8" x 7/8"	0.5600	5	50
W 40237 †	1-5/8" x 1-1/8" x 5/8"	0.4500	5	30
W 4099 †	1-5/8" x 7/8" x 1-5/8"	0.6700	5	50
W 40239 †	1-5/8" x 7/8" x 1-3/8"	0.7500	5	50
W 40240 †	1-5/8" x 7/8" x 1-1/8"	0.5200	5	50
W 40238 †	1-5/8" x 7/8" x 7/8"	0.5500	5	50
W 40243 †	1-5/8" x 7/8" x 5/8"	0.4700	5	50
W 40244 †	1-5/8" x 5/8" x 1-5/8"	0.6600	5	50
W 40153 †	2-1/8" x 2-1/8" x 3-1/8"	2.5500	1	10
W 40144 †	2-1/8" x 2-1/8" x 2-5/8"	1.4600	1	10
W 40103 †	2-1/8" x 2-1/8" x 1-5/8"	0.9900	5	50
W 40104 †	2-1/8" x 2-1/8" x 1-3/8"	0.8500	5	50
W 40105 †	2-1/8" x 2-1/8" x 1-1/8"	0.8800	5	50
W 40106 †	2-1/8" x 2-1/8" x 7/8"	0.8300	5	50
W 40107 †	2-1/8" x 2-1/8" x 5/8"	0.6700	5	50
W 40108 †	1-1/8" x 7/8" x 1/2"	0.6800	2	20
W 40109 †	1-1/8" x 1-5/8" x 2-1/8"	1.3100	2	20

(CONTINUED NEXT COLUMN)

(CONTINUED FROM PREVIOUS COLUMN)

Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 40110 †	1-1/8" x 1-5/8" x 1-5/8"	1.1500	2	20
W 40111 †	1-1/8" x 1-5/8" x 1-3/8"	0.8600	2	20
W 40112 †	1-1/8" x 1-5/8" x 1-1/8"	1.0600	2	20
W 40113 †	1-1/8" x 1-5/8" x 7/8"	0.7500	2	20
W 40114 †	1-1/8" x 1-5/8" x 5/8"	0.7700	5	50
W 40115 †	1-1/8" x 1-3/8" x 2-1/8"	1.3000	2	20
W 40116 †	1-1/8" x 1-3/8" x 1-5/8"	1.1400	2	20
W 40117 †	1-1/8" x 1-3/8" x 1-3/8"	1.0900	2	20
W 40118 †	1-1/8" x 1-3/8" x 1-1/8"	0.9500	2	20
W 40119 †	1-1/8" x 1-3/8" x 7/8"	0.7600	5	50
W 40120 †	1-1/8" x 1-3/8" x 5/8"	0.7800	5	20
W 40245 †	1-1/8" x 1-1/8" x 2-1/8"	1.6400	5	25
W 40247 †	1-1/8" x 1-1/8" x 1-1/8"	1.0600	5	50
W 40248 †	1-1/8" x 7/8" x 2-1/8"	1.7100	5	25
W 40249 †	1-1/8" x 5/8" x 2-1/8"	1.6600	5	25
W 40124 †	2-5/8" x 2-5/8" x 2-1/8"	1.5900	2	20
W 40125 †	2-5/8" x 2-5/8" x 1-5/8"	1.4900	2	20
W 40126 †	2-5/8" x 2-5/8" x 1-3/8"	1.8700	2	20
W 40127 †	2-5/8" x 2-5/8" x 1-1/8"	1.8300	2	20
W 40128 †	2-5/8" x 2-5/8" x 7/8"	1.8300	1	10
W 40129 †	2-5/8" x 2-5/8" x 5/8"	2.0500	1	10
W 40130 †	2-5/8" x 2-1/8" x 2-5/8"	2.3000	4	20
W 40131 †	2-5/8" x 2-1/8" x 2-1/8"	1.8400	2	20
W 40132 †	2-5/8" x 2-1/8" x 1-5/8"	2.0900	4	20
W 40133 †	2-5/8" x 2-1/8" x 1-3/8"	2.1200	4	20
W 40134 †	2-5/8" x 2-1/8" x 1-1/8"	2.1000	4	20
W 40135 †	2-5/8" x 2-1/8" x 7/8"	2.0600	4	20
W 40136 †	2-5/8" x 2-1/8" x 5/8"	2.2000	4	20
W 40137 †	2-5/8" x 1-5/8" x 2-5/8"	2.3200	4	20
W 40138 †	2-5/8" x 1-5/8" x 2-1/8"	1.8400	4	20
W 40139 †	2-5/8" x 1-5/8" x 1-5/8"	2.1100	4	20
W 40140 †	2-5/8" x 1-5/8" x 1-3/8"	2.1700	4	20
W 40141 †	2-5/8" x 1-5/8" x 1-1/8"	1.8300	4	20
W 40142 †	2-5/8" x 1-5/8" x 7/8"	2.3600	4	20
W 40143 †	2-5/8" x 1-5/8" x 5/8"	2.3600	4	20
W 40220 †	2-5/8" x 1-3/8" x 2-5/8"	2.3500	4	20
W 40250 †	2-5/8" x 1-3/8" x 2-1/8"	1.8200	4	20
W 40251 †	2-5/8" x 1-3/8" x 1-5/8"	2.4700	4	20
W 40252 †	2-5/8" x 1-3/8" x 1-3/8"	1.9600	4	20
W 40253 †	2-5/8" x 1-3/8" x 1-1/8"	2.4700	4	20
W 40254 †	2-5/8" x 1-3/8" x 7/8"	2.1800	4	20
W 40255 †	2-5/8" x 1-3/8" x 5/8"	2.4700	4	20
W 40221 †	2-5/8" x 1-1/8" x 2-5/8"	2.3900	4	20
W 40256 †	2-5/8" x 1-1/8" x 2-1/8"	1.9700	4	20
W 40257 †	2-5/8" x 1-1/8" x 1-5/8"	2.1500	4	20
W 40258 †	2-5/8" x 1-1/8" x 1-3/8"	2.0400	4	20
W 40259 †	2-5/8" x 1-1/8" x 1-1/8"	2.2700	4	20
W 40222 †	2-5/8" x 7/8" x 2-5/8"	2.4100	4	20
W 40151	3-1/8" x 3-1/8" x 2-5/8"	2.4500	2	10
W 40150	3-1/8" x 3-1/8" x 2-1/8"	2.3000	2	10
W 40149	3-1/8" x 3-1/8" x 1-5/8"	2.1800	2	10
W 40148	3-1/8" x 3-1/8" x 1-3/8"	2.3800	2	10
W 40147	3-1/8" x 3-1/8" x 1-1/8"	1.9600	2	20
W 40146	3-1/8" x 3-1/8" x 7/8"	1.4900	2	20
W 40145	3-1/8" x 3-1/8" x 5/8"	1.3800	2	20
W 40159	3-1/8" x 2-5/8" x 3-1/8"	2.9600	2	10
W 40158	3-1/8" x 2-5/8" x 2-5/8"	4.5200	2	10
W 40157	3-1/8" x 2-5/8" x 2-1/8"	2.6800	2	10
W 40156	3-1/8" x 2-5/8" x 1-5/8"	2.6300	2	10
W 40155	3-1/8" x 2-5/8" x 1-3/8"	2.6200	2	10
W 40154	3-1/8" x 2-5/8" x 1-1/8"	2.0200	2	20
W 40167	3-1/8" x 2-1/8" x 3-1/8"	3.0700	2	10
W 40165	3-1/8" x 2-5/8" x 2-5/8"	4.6400	2	10
W 40164	3-1/8" x 2-5/8" x 2-1/8"	2.7500	2	10
W 40163	3-1/8" x 2-5/8" x 1-5/8"	2.5700	2	10

(CONTINUED NEXT COLUMN)

(CONTINUED FROM PREVIOUS COLUMN)

Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 40162	3-1/8" x 2-5/8" x 1-3/8"	2.6100	2	10
W 40161	3-1/8" x 2-5/8" x 1-1/8"	2.0400	2	20
W 40174	3-1/8" x 1-5/8" x 3-1/8"	2.9700	2	10
W 40181	3-1/8" x 1-3/8" x 3-1/8"	3.1400	2	10
W 40178	3-1/8" x 1-1/8" x 3-1/8"	3.0200	2	10
W 40179	3-1/8" x 7/8" x 3-1/8"	3.0300	2	10
W 40198	4-1/8" x 4-1/8" x 3-1/8"	4.9400	1	5
W 40197	4-1/8" x 4-1/8" x 2-5/8"	5.1600	1	5
W 40196	4-1/8" x 4-1/8" x 2-1/8"	4.5200	1	10
W 40195	4-1/8" x 4-1/8" x 1-5/8"	4.4700	1	10
W 40194	4-1/8" x 4-1/8" x 1-3/8"	4.5500	1	10
W 40193	4-1/8" x 4-1/8" x 1-1/8"	3.0500	1	10
W 40192	4-1/8" x 4-1/8" x 7/8"	2.8900	1	10
W 40191	4-1/8" x 4-1/8" x 5/8"	2.8900	1	10
W 40208	4-1/8" x 3-1/8" x 4-1/8"	8.6600	1	5
W 40206	4-1/8" x 3-1/8" x 3-1/8"	5.1200	1	5
W 40205	4-1/8" x 3-1/8" x 2-5/8"	5.6100	1	5
W 40204	4-1/8" x 3-1/8" x 2-1/8"	4.7600	1	5
W 40212	4-1/8" x 2-5/8" x 4-1/8"	7.7900	1	5
W 40216	4-1/8" x 2-1/8" x 4-1/8"	8.9500	1	5
W 40215	4-1/8" x 1-5/8" x 4-1/8"	8.5100	1	5
W 40214	4-1/8" x 1-3/8" x 4-1/8"	8.5700	1	5
W 40213	4-1/8" x 1-1/8" x 4-1/8"	9.3300	1	5
W 40503	6-1/8" x 6-1/8" x 3-1/8"	11.0000	-	1
W 40504	6-1/8" x 6-1/8" x 2-5/8"	11.1000	-	1
W 40505	6-1/8" x 6-1/8" x 2-1/8"	9.5400	-	1



### Tee • Forged Brass

C x C x F  
Wrot Style #: WT-602



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 04208	1/4" x 1/4" x 1/4"	0.0900	50	450
W 04209	1/4" x 1/4" x 1/8"	0.0400	50	1,200
W 04228	3/8" x 3/8" x 3/8"	0.1500	25	350
W 04229	3/8" x 3/8" x 1/4"	0.1000	25	400
W 04230	3/8" x 3/8" x 1/8"	0.1100	10	400
W 04259	1/2" x 1/2" x 3/8"	0.1500	10	240
W 04283	5/8" x 5/8" x 1/2"	0.3300	10	150



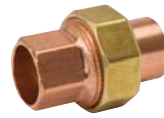
### Tee

C x FTG x C  
Wrot Style #: WT-600F



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 04106 †	5/8"	0.1000	50	300
W 04131 †	7/8"	0.1900	25	150

† UL Recognized to 700 PSI (select diameters).



### Union

C x C  
Wrot Style #: WC-407



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
W 08001	3/8"	0.1200	25	250
W 08002	1/2"	0.1100	25	250
W 08003	5/8"	0.1600	25	250
W 08004	7/8"	0.3700	25	150
W 08005	1-1/8"	0.5200	10	100



### Copper Tube Strap • Two-Hole

Wrot Style #: WS-1100



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
A 01203	1/4"	0.0100	100	4,000
A 01278	3/8"	0.0100	100	5,600
A 01366	1/2"	0.0100	100	3,400
A 02529	5/8"	0.0100	100	1,500
A 01467	3/4"	0.0100	100	2,000
A 02574	7/8"	0.0100	50	750
A 02614	1-1/8"	0.0200	50	750
A 02650	1-3/8"	0.0400	50	500
A 02675	1-5/8"	0.0500	50	500
A 02708	2-1/8"	0.0600	50	500



### 25 ft. Roll Copper Tube Strap Perforated

Wrot Style #: WS-1101



Item No.	Diameter	Each Wt.	Inner Qty.	Master Qty.
A 01211	25 Ft.Roll	1.6300	1	10

*Streamline*<sup>®</sup>

ACCURATELY MACHINED FROM BRASS FORGINGS OR ROD FOR  
**LEAK-PROOF JOINTS AND FULL FLOW.**

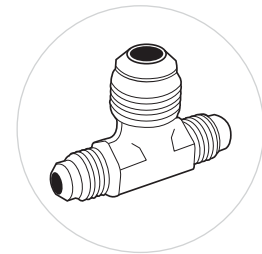




# BASS 45° FLARE FITTINGS & FLANGES



▶ **Streamline Brass 45° Flare Fittings and Brass Flanges offer long-term reliability and are the practical solution for critical, sensitive and inaccessible HVACR connections. Each fitting and flange is expertly engineered to resist mechanical pullout and can be assembled and disassembled repeatedly. Conforming to applicable SAE, ASA and MS (Military Standards) standards and suitable for a wide range of pressures and working temperatures, Streamline Brass 45° Flare Fittings and Brass Flanges have been industry preferred for almost a century.**



- Brass 45° Flare Fittings
- Brass 45° Flanges

***Streamline***<sup>®</sup>



# BRASS 45° FLARE FITTINGS & FLANGES



Streamline® Brass 45° Flare Fittings and Brass Flanges are fabricated from brass forgings or drawn brass rod, eliminating the possibility of seepage by porosity. Fittings and flanges are accurately machined and fully protected against damage during handling, shipping and storage to assure tight leak-proof joints. Smooth interior finish provides unrestricted flow and reduced pressure drop.



- Diameters from 3/16" – 3/4"
- Complete range of universal fittings available
- Recommended max. working pressure (PS): 700 psig, 48 bar
- Conforms to Refrigeration Fitting Standards SAE J5 13, Military Standards MS-35867 through MS35873 inclusive, MS-35919, MS35926, and MS-16993
- Made in the USA



## Copper Flare Seal Bonnets



Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 04737	B1-3	3/16"	-	-	0.0009 25 -
A 00414	B1-4	1/4"	-	-	0.0014 100 7400
A 04935	B1-5	5/16"	-	-	0.0035 50 3600
A 00415	B1-6	3/8"	-	-	0.0040 100 7400
A 00416	B1-8	1/2"	-	-	0.0068 100 4000
A 00485	B1-10	5/8"	-	-	0.0100 20 1480
A 04738	B1-12	3/4"	-	-	0.0150 25 1000



## 90° Elbow • Half Union Flare to NPTFE



Item No.	Universal Part No.	Flare	NPTFE	Each Wt.	Inner Qty.	Master Qty.
A 00335	E1-4A	1/4"	1/8"	-	0.0455 25 425	
A 04890	E1-4B	1/4"	1/4"	-	0.0550 25 250	
A 04812	E1-4C	1/4"	3/8"	-	0.0815 25 400	
A 04937	E1-6A	3/8"	1/8"	-	0.0800 25 600	
A 00337	E1-6B	3/8"	1/4"	-	0.0765 25 400	
A 04889	E1-6C	3/8"	3/8"	-	0.1082 25 400	
A 04886	E1-6D	3/8"	1/2"	-	0.1600 25 300	
A 05044	E1-8B	1/2"	1/4"	-	0.1350 10 240	
A 00339	E1-8C	1/2"	3/8"	-	0.1400 15 240	
A 04887	E1-8D	1/2"	1/2"	-	0.1800 15 180	
A 05072	E1-8E	1/2"	3/4"	-	0.2310 10 120	
A 04856	E1-10C	5/8"	3/8"	-	0.2250 10 160	
A 04538	E1-10D	5/8"	1/2"	-	0.2400 10 160	
A 05054	E1-10E	5/8"	3/4"	-	0.2550 10 120	
A 04746	E1-12E	3/4"	3/4"	-	0.3360 10 120	



## Copper Flare Gaskets



Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 00401	B2-4	1/4"	-	-	0.0007 100 24500
A 04811	B2-5	5/16"	-	-	0.0009 50 3600
A 00402	B2-6	3/8"	-	-	0.0018 100 4000
A 00403	B2-8	1/2"	-	-	0.0021 100 7400
A 05186	B2-10	5/8"	-	-	0.0028 50 3600
A 04822	B2-12	3/4"	-	-	0.0037 25 1000



**90° Elbow • Union**  
Flare to Flare

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 00147	E2-4	1/4"	-	-	0.0738 25 250
A 00146	E2-6	3/8"	-	-	0.0950 25 400
A 00145	E2-8	1/2"	-	-	0.1500 15 240
A 04539	E2-10	5/8"	-	-	0.2500 10 160
A 04745	E2-12	3/4"	-	-	0.3650 5 70



**90° Elbow**  
External Flare to Internal Flare Swivel

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 15940	ES4-44	1/4"	-	-	0.1034 4 432
A 15941	ES4-66	3/8"	-	-	0.1331 4 324
A 15943	ES4-88	1/2"	-	-	0.2024 4 280



**90° Elbow**  
External Flare to NPTFI

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	NPTFI	Each Wt.	Inner Qty.	Master Qty.
A 04630	E3-4A	1/4"	1/8"	-	-	0.0500 25 600
A 05007	E3-4B	1/4"	1/4"	-	-	0.1400 25 400



**Refrigerant Drum Adapter**

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	NPSM	Hex	Each Wt.	Inner Qty.	Master Qty.
A 08073	K1-1	1/4"	3/4"	1 -1/4"	0.1588	10	160
A 08274	K1-3	3/8"	3/4"	1 -1/4"	0.1870	10	160
A 08276	K1-5	1/2"	3/4"	1 -1/4"	0.1938	10	160
A 08166	K1-8	1/4"	1/2"	1-1/8"	0.1481	10	240



**90° Elbow**  
External Flare to Internal Flare

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 04898	E4-44	1/4"	-	-	0.0650 25 600
A 08082	E4-66	3/8"	-	-	0.1700 25 300



**Nut • Long Forged**

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 00440	N4-4	1/4"	5/8"	-	0.0475	25 600
A 00441	N4-6	3/8"	13/16"	-	0.0750	25 600
A 00442	N4-8	1/2"	15/16"	-	0.1083	10 240
A 01112	N4-10	5/8"	1-1/16"	-	0.1850	5 120
A 04731	N4-12	3/4"	1-5/16"	-	0.3450	5 120



**90° Elbow • Half Union**  
Flare to Solder

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 03449	ES2-44	1/4"	-	-	0.0350 25 1000
A 03511	ES2-66	3/8"	-	-	0.0805 20 480
A 07851	ES2-88	1/2"	-	-	0.1200 10 240



**Nut • Flare Seal Cap**

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 04544	N5-4	1/4"	9/16"	-	0.0300	50 850
A 04758	N5-5	5/16"	5/8"	-	0.0273	25 1000
A 04545	N5-6	3/8"	3/4"	-	0.0500	25 425
A 04546	N5-8	1/2"	7/8"	-	0.0688	25 600
A 04560	N5-10	5/8"	1-1/16"	-	0.1370	10 240
A 04951	N5-12	3/4"	1-5/16"	-	0.2213	10 160

# BRASS 45° FLARE FITTINGS & FLANGES | FITTINGS



**Nut • Flare Seal Cap**  
Finger Tightening

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 16447	NFT5-4	1/4"	-	2000	2000
A 16448	NFT5-6	3/8"	-	1000	1000



**Nut • Short Forged Reducing**

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Tube Size	Hex	Each Wt.	Inner Qty.	Master Qty.
A 05132	NRS4-43	1/4"	3/16"	5/8"	0.0265	10	400
A 05247	NRS4-54	5/16"	1/4"	11/16"	0.0550	10	720
A 05140	NRS4-64	3/8"	1/4"	13/16"	0.0600	25	600
A 05282	NRS4-65	3/8"	5/16"	13/16"	0.0270	10	400
A 05141	NRS4-86	1/2"	3/8"	15/16"	0.0938	15	360
A 05228	NRS4-108	5/8"	1/2"	1-1/16"	0.1250	15	225



**Nut • Short Forged**

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 05238	NS4-3	3/16"	1/2"	-	0.0235	50
A 05051	NS4-4	1/4"	5/8"	-	0.0350	50
A 05239	NS4-5	5/16"	11/16"	-	0.0400	25
A 05052	NS4-6	3/8"	13/16"	-	0.0515	25
A 05053	NS4-8	1/2"	15/16"	-	0.0838	15
A 05157	NS4-10	5/8"	1-1/16"	-	0.1200	10
A 05222	NS4-12	3/4"	1-5/16"	-	0.2350	10



**Plug • Flare**

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 05045	P2-3	3/16"	3/8"	-	0.0157	15
A 00121	P2-4	1/4"	7/16"	-	0.0218	25
A 00124	P2-5	5/16"	1/2"	-	0.0344	15
A 00122	P2-6	3/8"	5/8"	-	0.0700	25
A 00123	P2-8	1/2"	3/4"	-	0.0950	25
A 04536	P2-10	5/8"	7/8"	-	0.1370	15
A 04757	P2-12	3/4"	1-1/16"	-	0.2250	10



**Plug • Brass Pipe**

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 00250	P3-A	1/8"	1/2"	-	0.0300	50
A 00249	P3-B	1/4"	11/16"	-	0.0555	50
A 00425	P3-C	3/8"	11/16"	-	0.0575	25
A 04759	P3-D	1/2"	7/8"	-	0.1075	25
A 05004	P3-E	3/4"	1-1/8"	-	0.3050	10



**Bushing • External Pipe Thread to Internal Pipe Thread**

MADE IN  
**USA**

Item No.	Universal Part No.	NPTE	NPTI	Hex	Each Wt.	Inner Qty.	Master Qty.
A 08756	R1-AB	1/8"	1/4"	11/16"	0.0538	25	
A 00630	R1-BA	1/4"	1/8"	9/16"	0.0200	25	
A 00631	R1-CB	3/8"	1/4"	11/16"	0.0337	25	
A 00492	R1-DB	1/2"	1/4"	7/8"	0.0800	25	
A 00632	R1-DC	1/2"	3/8"	7/8"	0.0513	25	
A 00493	R1-EC	3/4"	3/8"	1-1/16"	0.1108	10	
A 00633	R1-ED	3/4"	1/2"	1-1/16"	0.0920	10	



**Tee • Two-Way**  
Flare to Flare to NPTFE

MADE IN  
**USA**

Item No.	Universal Part No.	Flare	NPTFE	Each Wt.	Inner Qty.	Master Qty.
A 00345	T1-4A	1/4"	1/8"	-	0.0663	25
A 04859	T1-4B	1/4"	1/4"	-	0.1031	25
A 04771	T1-4C	1/4"	3/8"	-	0.1161	15
A 00347	T1-6B	3/8"	1/4"	-	0.1200	25
A 04922	T1-6C	3/8"	3/8"	-	0.1450	15
A 00349	T1-8C	1/2"	3/8"	-	0.1914	15



**Tee • Three-Way**  
Flare to Flare to Flare

MADE IN USA

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 00340	T2-4	1/4"	-	-	0.0650 25 400
A 00342	T2-6	3/8"	-	-	0.1425 15 240
A 00344	T2-8	1/2"	-	-	0.1960 15 180
A 04749	T2-12	3/4"	-	-	0.5020 5 60



**Tee • Right Angle Two-Way**  
NPTFE to Flare to Flare

MADE IN USA

Item No.	Universal Part No.	NPTFE	Flare	Each Wt.	Inner Qty.	Master Qty.
A 00127	T3-4A	1/8"	1/4"	-	0.0700 25 400	
A 04998	T3-4B	1/4"	1/4"	-	0.0875 25 300	
A 04941	T3-6C	3/8"	3/8"	-	0.1400 25 300	
A 04778	T3-8C	3/8"	1/2"	-	0.1815 15 180	



**Tee • Three-Way**  
Internal Branch  
Flare to Flare Flare

MADE IN USA

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 06330	T6-4	1/4"	-	-	0.0850 25 300



**Tee • Three-Way Reducing**  
Flare to Flare to NPTFE

MADE IN USA

Item No.	Universal Part No.	Flare	NPTFE	Each Wt.	Inner Qty.	Master Qty.
A 04994	TR2-46	1/4"	3/8"	-	0.1137 25 300	
A 04574	TR2-64	3/8"	1/4"	-	0.1340 25 300	
A 04547	TR2-68	3/8"	1/2"	-	0.1940 15 180	
A 04559	TR2-86	1/2"	3/8"	-	0.1908 15 180	



**Connector • Half Union**  
Flare to NPTFE

MADE IN USA

Item No.	Universal Part No.	Flare	NPTFE	Hex	Each Wt.	Inner Qty.	Master Qty.
A 01117	U1-3A	3/16"	1/8"	7/16"	0.0253	15	420
A 00330	U1-4A	1/4"	1/8"	7/16"	0.0299	25	1000
A 04585	U1-4B	1/4"	1/4"	9/16"	0.0471	25	250
A 01197	U1-4C	1/4"	3/8"	11/16"	0.0714	25	400
A 04628	U1-4D	1/4"	1/2"	7/8"	0.1138	25	400
A 00331	U1-5A	5/16"	1/8"	1/2"	0.0400	25	1000
A 05036	U1-5B	5/16"	1/4"	9/16"	0.0550	25	1000
A 01198	U1-5C	5/16"	3/8"	11/16"	0.0750	25	600
A 05003	U1-6A	3/8"	1/8"	5/8"	0.0652	25	600
A 00332	U1-6B	3/8"	1/4"	5/8"	0.0750	25	600
A 01199	U1-6C	3/8"	3/8"	11/16"	0.0900	25	400
A 04993	U1-6D	3/8"	1/2"	7/8"	0.1350	25	300
A 05034	U1-8A	1/2"	1/8"	3/4"	0.0938	10	240
A 04439	U1-8B	1/2"	1/4"	3/4"	0.1082	10	400
A 00334	U1-8C	1/2"	3/8"	3/4"	0.1191	10	240
A 04780	U1-8D	1/2"	1/2"	7/8"	0.1551	10	240
A 05066	U1-8E	1/2"	3/4"	1-1/16"	0.2281	10	160
A 05035	U1-10B	5/8"	1/4"	7/8"	0.1550	10	240
A 01195	U1-10C	5/8"	3/8"	7/8"	0.1681	10	240
A 04540	U1-10D	5/8"	1/2"	7/8"	0.1892	10	240
A 04827	U1-10E	5/8"	3/4"	1-1/16"	0.2495	5	120
A 05005	U1-12C	3/4"	3/8"	1-1/16"	0.2650	10	160
A 04739	U1-12D	3/4"	1/2"	1-1/16"	0.2861	5	120
A 04740	U1-12E	3/4"	3/4"	1-1/16"	0.3161	5	120



**Connector • Union**  
Flare to Flare

MADE IN USA

Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 00325	U2-4	1/4"	7/16"	-	0.0261	25 600
A 00326	U2-5	5/16"	1/2"	-	0.0500	25 600
A 00327	U2-6	3/8"	5/8"	-	0.0915	25 400
A 00329	U2-8	1/2"	3/4"	-	0.1407	15 240
A 04845	U2-10	5/8"	7/8"	-	0.2154	10 160
A 04733	U2-12	3/4"	1-1/16"	-	0.3675	10 160

# BRASS 45° FLARE FITTINGS & FLANGES | FITTINGS



**Connector • Half Union**  
Flare to NPTFI

MADE IN USA

Item No.	Universal Part No.	Flare	NPTFI	Hex	Each Wt.	Inner Qty.	Master Qty.
A 04622	U3-4A	1/4"	1/8"	9/16"	0.0415	25	1000
A 04625	U3-4B	1/4"	1/4"	11/16"	0.0650	25	600
A 04961	U3-4C	1/4"	3/8"	13/16"	0.0812	15	360
A 04927	U3-6A	3/8"	1/8"	5/8"	0.1029	10	400
A 04624	U3-6B	3/8"	1/4"	11/16"	0.0829	25	400
A 04627	U3-6C	3/8"	3/8"	13/16"	0.1000	15	360
A 08104	U3-6D	3/8"	1/2"	1"	0.1630	15	240
A 04928	U3-8B	1/2"	1/4"	3/4"	0.1115	15	240
A 04727	U3-8C	1/2"	3/8"	13/16"	0.1190	15	360
A 04728	U3-8D	1/2"	1/2"	1"	0.1809	15	240
A 04929	U3-10C	5/8"	3/8"	7/8"	0.1597	10	160
A 04819	U3-10D	5/8"	1/2"	1"	0.1950	10	160
A 04977	U3-10E	5/8"	3/4"	1-1/4"	0.2863	10	120



**Connector**  
Internal Flare to External Flare

MADE IN USA

Item No.	Universal Part No.	Flare	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 05147	UR3-43	1/4"	3/16"	5/8"	0.0470	10	400
A 05041	UR3-46	1/4"	3/8"	5/8"	0.0696	15	360
A 08127	UR3-48	1/4"	1/2"	3/4"	0.1118	10	400
A 00479	UR3-64	3/8"	1/4"	13/16"	0.0775	15	360
A 04888	UR3-68	3/8"	1/2"	13/16"	0.1100	15	360
A 04770	UR3-108	1/2"	1/4"	1-1/16"	0.1803	10	160
A 04878	UR3-1012	1/2"	3/8"	1-1/16"	0.2650	10	160
A 04826	UR3-1210	1/2"	5/8"	1-5/16"	0.2405	10	120
A 00480	UR3-84	5/8"	1/2"	15/16"	0.1069	15	360
A 00481	UR3-86	5/8"	3/4"	15/16"	0.1200	15	240
A 04879	UR3-810	3/4"	5/8"	15/16"	0.1685	10	240



**Connector • Union**  
Internal Flare

MADE IN USA

Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.	
A 00385	U4-4	1/4"	5/8"	-	0.0650	10	560
A 00386	U4-6	3/8"	13/16"	-	0.1182	10	240
A 00387	U4-8	1/2"	15/16"	-	0.1750	10	240



**Connector • Half Union**  
External Flare to Solder

MADE IN USA

Item No.	Universal Part No.	Flare	Solder	Hex	Each Wt.	Inner Qty.	Master Qty.
A 03431	US3-44	1/4"	1/4"	7/16"	0.0250	50	1200
A 03466	US3-45	1/4"	5/16"	7/16"	0.0225	25	1000
A 03494	US3-46	1/4"	3/8"	1/2"	0.0288	25	1000
A 03443	US3-64	3/8"	1/4"	5/8"	0.0698	25	600
A 03464	US3-65	3/8"	5/16"	5/8"	0.0609	25	600
A 03492	US3-66	3/8"	3/8"	5/8"	0.0628	25	600
A 03547	US3-68	3/8"	1/2"	5/8"	0.0615	10	560
A 03504	US3-86	1/2"	3/8"	3/4"	0.1123	25	400
A 03546	US3-88	1/2"	1/2"	3/4"	0.0964	15	360
A 03519	US3-108	5/8"	1/2"	7/8"	0.1601	10	240
A 06601	US3-610	3/8"	5/8"	3/4"	0.0750	10	240
A 02259	US3-810	1/2"	5/8"	3/4"	0.0996	10	240
A 02258	US3-1010	5/8"	5/8"	7/8"	0.1550	10	240
A 02272	US3-1012	5/8"	3/4"	7/8"	0.1500	10	240
A 02378	US3-1014	5/8"	7/8"	1"	0.1656	10	160
A 05307	US3-1212	3/4"	3/4"	1-1/16"	0.2463	5	120
A 05425	US3-1214	3/4"	7/8"	1-1/16"	0.2490	5	160



**Connector • Reducing Union**  
Flare to Flare

MADE IN USA

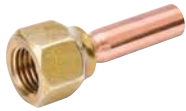
Item No.	Universal Part No.	Flare	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.
A 05270	UR2-43	1/4"	3/16"	7/16"	0.0300	15	1080
A 08730	UR2-54	5/16"	1/4"	1/2"	0.0461	10	740
A 01171	UR2-64	3/8"	1/4"	5/8"	0.0718	15	360
A 04981	UR2-65	3/8"	5/16"	5/8"	0.0779	10	400
A 00356	UR2-84	1/2"	1/4"	3/4"	0.1000	15	360
A 00149	UR2-86	1/2"	3/8"	3/4"	0.1267	25	400
A 05334	UR2-106	5/8"	3/8"	7/8"	0.1750	10	240
A 04846	UR2-108	5/8"	1/2"	7/8"	0.1922	15	180
A 04734	UR2-128	3/4"	1/2"	1-1/16"	0.2900	10	120
A 04784	UR2-1210	3/4"	5/8"	1-1/16"	0.3318	10	120



**Connector • Union**  
Internal Flare Swivel

MADE IN USA

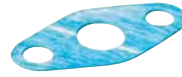
Item No.	Universal Part No.	Flare	Hex	Each Wt.	Inner Qty.	Master Qty.	
A 13563	US4-4	1/4"	5/8"	-	0.0798	15	600
A 13564	US4-5	5/16"	11/16"	-	0.0850	15	600
A 13565	US4-6	3/8"	13/16"	-	0.1212	15	360
A 13567	US4-8	1/2"	15/16"	-	0.1750	15	240
A 13568	US4-10	5/8"	1-1/16"	-	0.2700	15	180



**Connector**  
Internal Flare to Extension Solder

MADE IN USA

Item No.	Universal Part No.	Flare	Each Wt.	Inner Qty.	Master Qty.
A 15725	US5-44	1/4"	-	-	0.0430 25 1000
A 15726	US5-66	3/8"	-	-	0.0740 25 600
A 15727	US5-88	1/2"	-	-	0.1037 20 320
A 15728	US5-1010	5/8"	-	-	0.1600 10 240
A 15729	US5-1212	3/4"	-	-	0.3176 10 120



**Gasket • 2 Bolt Hole**  
Asbestos-Free Material

MADE IN USA

Item No.	Size (in.)	Size B (in.)	F Bolt Hole Centers	Each Wt.	Inner Qty.
A 04582	9/16"	1-1/16"	1-5/8"	0.0028	N/A
N 02308	13/16"	1-19/64"	1-5/8"	0.0040	N/A
N 02307	13/16"	1-17/32"	1-3/4"	0.0042	N/A
A 05152	1-3/16"	1-15/16"	2-3/4"	0.0200	20



**Connector • Fusible Pipe Plug**  
NPTFE

MADE IN USA

Item No.	Universal Part No.	NPTFE	Hex	Melting Temp.	Each Wt.	Inner Qty.	Master Qty.
A 14058	FP-A	1/8"	7/16"	283° F	0.0220	10	1540
A 14059	FP-B	1/4"	9/16"	283° F	0.0350	15	840
A 14060	FP-C	3/8"	11/16"	283° F	0.0840	15	540
A 14017	FP-A	1/8"	7/16"	210° F	0.0240	10	1540
A 14018	FP-B	1/4"	9/16"	210° F	0.0540	15	840
A 14021	FP-C	3/8"	11/16"	210° F	0.0900	15	540
A 15214	FP-A	1/8"	7/16"	168° F	0.0240	10	1540
A 14019	FP-B	1/4"	9/16"	168° F	0.0540	15	840
A 14022	FP-C	3/8"	11/16"	168° F	0.0950	15	540



**Flange • 4 Bolt-Hole w/ Tongue, Groove**  
Diameters 2-3/4" x 2-3/16"

MADE IN USA

Item No.	Size (in.)	Size B (in.)	F Bolt Hole Centers	Each Wt.	Inner Qty.
A 08629	1-1/8"	1-1/16"	2-1/2"	2.1250	1
A 05150	1-3/8"	1-19/64"	2-1/2"	1.9765	1
A 05148	1-5/8"	1-17/32"	2-1/2"	1.8667	1
A 08632	2-1/8"	1-15/16"	2-1/2"	1.5938	1



**Gasket • 4 Bolt Hole**  
Asbestos-Free Material

MADE IN USA

Item No.	Size (in.)	Size B (in.)	F Bolt Hole Centers	Each Wt.	Inner Qty.
A 08628	2-1/16"		2-1/2"	0.0120	N/A



**Connector • Half Union**  
Flare to NPTFE

MADE IN USA

Item No.	Universal Part No.	NPTFE	Hex	Melting Temp.	Each Wt.	Inner Qty.	Master Qty.
A 14062	FU-4B	1/4"	9/16"	283° F	0.0470	10	560
A 14064	FU-6C	3/8"	11/16"	283° F	0.1260	10	360
A 14023	FU-4B	1/4"	9/16"	210° F	0.0570	10	560
A 14026	FU-6C	3/8"	11/16"	210° F	0.1220	10	400
A 14024	FU-4B	1/4"	9/16"	168° F	0.0480	10	1080
A 14027	FU-6C	3/8"	11/16"	168° F	0.0980	10	400



**Flange • 4 Bolt-Hole w/ Groove**  
Diameters 2-25/32" x 2-1/16"

MADE IN USA

Item No.	Size (in.)	Size B (in.)	F Bolt Hole Centers	Each Wt.	Inner Qty.
A 08630	1-1/8"	1-1/16"	2-1/2"	1.8750	1
A 08631	1-3/8"	1-19/64"	2-1/2"	1.7500	1
A 08261	1-5/8"	1-17/32"	2-1/2"	1.6400	1
A 08633	2-1/8"	1-15/16"	2-1/2"	1.4167	1



**Flange • 2 Bolt-Hole**  
w/ Serated Gasket Surface

MADE IN USA

Item No.	Size (in.)	Size B (in.)	F Bolt Hole Centers	Each Wt.	Inner Qty.
A 08314	5/8"	9/16"	1-5/8"	0.4450	1
A 05299	3/4"	11/16"	1-5/8"	0.4200	1
A 09215	7/8"	13/16"	1-5/8"	0.3950	1
A 08315	7/8"	13/16"	2-3/4"	1.0800	1
A 05151	1-1/8"	1-1/16"	2-3/4"	1.1094	1
A 05074	1-3/8"	1-19/64"	2-3/4"	0.9000	1



**Flange • 4 Bolt-Hole**  
w/ Flat Gasket Surface

MADE IN USA

Item No.	Size (in.)	Size B (in.)	F Bolt Hole Centers	Each Wt.	Inner Qty.
A 08624	1-1/8"	1-1/16"	2-1/2"	1.925	1
A 08625	1-3/8"	1-19/64"	2-1/2"	1.875	1
A 08626	1-5/8"	1-17/32"	2-1/2"	1.875	1
A 08627	2-1/8"	1-1/64"	2-1/2"	1.4726	1