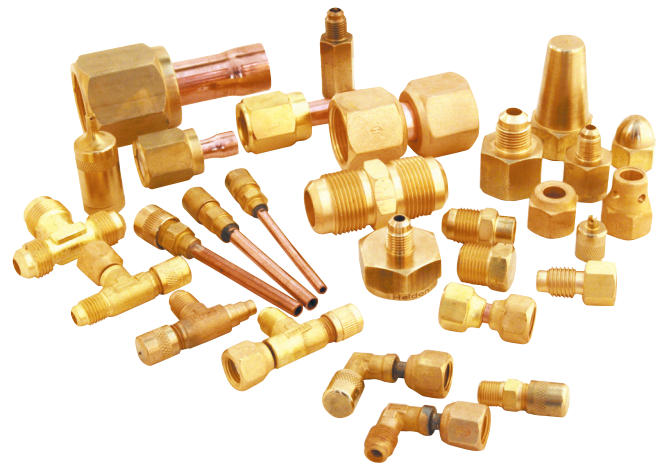


# Brass Fittings

Henry Technologies has been a specialist in manufacturing Heldon branded brass fittings for over 80 years with precision computerised NC lathes.

Using only A grade materials and manufacturing to tight tolerances for threads, clearances and sealing faces, Heldon branded brass fittings are ideal for the demanding requirements of modern refrigerants and other critical industries. Flared connections from 1/8" OD to 3/4" OD can have a safe working pressure up to 4,200 kPa (610 psi) depending on size and a temperature range from -50°C to 120°C.

Heldon branded brass fittings are chemically cleaned for contaminant free installations. Oxygen cleaning is also available.



### Flare Nuts

- With the high cost of refrigerants, higher pressures and more extremes in the range of working temperatures Heldon branded forged brass flare nuts are your best insurance policy for reducing the chance of leaks and fractures at these critical joints.
- Heldon branded "Frost-proof" series of flare nuts are the ultimate solution, and a must where condensation and frosting could lead to pipe damage or nut creep.
- Henry Tech's range of Heldon branded forged flare nuts, (501,502) are stronger than machined nuts, and will withstand maximum system pressures.

### Schrader Fittings

- Henry Tech manufactures Heldon branded Schrader access and depressor valves in a variety of configurations for many purposes. Other thread size or combinations are available on request.
- Schrader valves used in all Heldon branded fittings feature Heldoprene™ seats that are suitable for all fluorinated refrigerants up to a safe working pressure of 4,200 kPa (610 psi).
- R410A designated fittings have a 5/16" male flare at the Schrader end.
- All fittings are supplied with one cap and core. Additional caps, cores and tools are available separately.

Standard Thread Table

SAE		JIC		BSP		NPT	
Tube Size	Thread Size	Tube Size	Thread Size	Tube Size	Thread Size	Tube Size	Thread Size
1/8	5/16 - 24	1/8	5/16 - 24	1/8	1/8 - 28	1/8	1/8 - 27
3/16	3/8 - 24	3/16	3/8 - 24	1/4	1/4 - 19	1/4	1/4 - 18
1/4	7/16 - 20	1/4	7/16 - 20	3/8	3/8 - 19	3/8	3/8 - 18
5/16	1/2 - 20	5/16	1/2 - 20	1/2	1/2 - 14	1/2	1/2 - 14
3/8	5/8 - 18	3/8	9/16 - 18	3/4	3/4 - 14	3/4	3/4 - 14
1/2	3/4 - 16	1/2	3/4 - 16	1	1 - 11	1	1 - 11.5
5/8	7/8 - 14	5/8	7/8 - 14	1 1/4	1 1/4 - 11	1 1/4	1 1/4 - 11.5
3/4	1 1/16 - 14	3/4	1 1/16 - 12	1 1/2	1 1/2 - 11	1 1/2	1 1/2 - 11.5
7/8	1 1/4 - 12	7/8	1 3/16 - 12	2	2 - 11	2	2 - 11.5
1	1 3/8 - 12	1	1 5/16 - 12	2 1/2	2 1/2 - 11	2 1/2	2 1/2 - 8
-	-	-	-	3	3 - 11	3	3 - 8
-	-	-	-	3 1/2	3 1/2 - 11	3 1/2	3 1/2 - 8
-	-	-	-	4	4 - 11	4	4 - 8

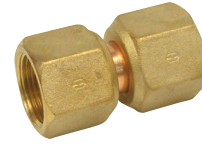
# Flare Nuts



501 Series

### Forged Brass Short Barrel Nuts FSAE

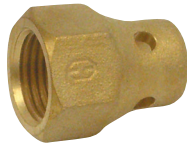
Part No.	Connection/ID	Pack Q'ty
501-0404	1/4 FLARE x 1/4 ID	10
501-0504	5/16 FLARE x 1/4 ID	10
501-0505	5/16 FLARE x 5/16 ID	10
501-0604	3/8 FLARE x 1/4 ID	10
501-0605	3/8 FLARE x 5/16 ID	10
501-0606	3/8 FLARE x 3/8 ID	10
501-0808	1/2 FLARE x 1/2 ID	5
501-1010	5/8 FLARE x 5/8 ID	2
501-1212	3/4 FLARE x 3/4 ID	2



95 Series

### Swivel Connectors FSAE to FSAE

Part No.	Connection	Pack Q'ty
95-04	1/4 FSAE x 1/4 FSAE	2
95-05	5/16 FSAE x 5/16 FSAE	2
95-06	3/8 FSAE x 3/8 FSAE	2
95-0604	3/8 FSAE x 1/4 FSAE - Reducing	2
95-08	1/2 FSAE x 1/2 FSAE	2
95-0806	1/2 FSAE x 3/8 FSAE - Reducing	2
95-10	5/8 FSAE x 5/8 FSAE	1
95-1008	5/8 FSAE x 1/2 FSAE - Reducing	2
95-12	3/4 FSAE x 3/4 FSAE	2



502 Series

### Forged Brass Frostproof Long Barrel Nuts FSAE

Part No.	Connection/ID	Pack Q'ty
502-0404	1/4 FLARE x 1/4 ID	10
502-0504	5/16 FLARE x 1/4 ID	MTO
502-0505	5/16 FLARE x 5/16 ID	10
502-0604	3/8 FLARE x 1/4 ID	10
502-0606	3/8 FLARE x 3/8 ID	10
502-0806	1/2 FLARE x 3/8 ID	5
502-0808	1/2 FLARE x 1/2 ID	5
502-1006	5/8 FLARE x 3/8 ID	2
502-1008	5/8 FLARE x 1/2 ID	2
502-1010	5/8 FLARE x 5/8 ID	2
502-1210	3/4 FLARE x 5/8 ID	MTO
502-1212	3/4 FLARE x 3/4 ID	2



96 Series

### Swivel Flare Adaptors FSAE to Copper Tail

Part No.	Connection	Pack Q'ty
96-04	1/4 FSAE x 1/4 ID	2
96-06	3/8 FSAE x 3/8 ID	2
96-08	1/2 FSAE x 1/2 ID	2
96-10	5/8 FSAE x 5/8 ID	2
96-12	3/4 FSAE x 3/4 ID	2

# Schrader Fittings

Components



59/60 Series



### Schrader Components

Part No.	Connection	Pack Q'ty
55-1-410A	SCHR VALVE CORE-410A	10
55-2	SCHR CAP & O RING	10
55-2-410A	SCHR CAP & O RING-410A	10
55-3	SCHR CAP WITH TOOL	10
55-5	SCREW DEPRESSOR & 3 Gaskets	1
55-6	SCHR KIT - Core Remover & 6 Valve Cores	1
55-2AL	SCHR CAP ALUMINIUM	10

### Schrader Step Unions

Part No.	Connection	Pack Q'ty
59-0403-3	1/4 SCHR - 3 STEP 3/16 TO 3/8	5
59-0404	1/4 SCHR x 1/4 ID (3/8 OD SPIGOT) Incl. Cap & Core	5
59-0504-410A	5/16 SCHR x 1/4 ID (3/8 OD SPIGOT) Incl. Cap & Core	5
60-04-5	1/4 SCHR - 5 STEP 1/8 TO 1/2	5

55/56/57 Series



61/62/63 Series



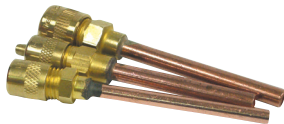
### Schrader Unions

Part No.	Connection	Pack Q'ty
55-0404	1/4 SCHR x 1/4 MSAE	10
56-0402	1/4 SCHR x 1/8 MBSP	10
56-0404	1/4 SCHR x 1/4 MBSP	10
57-0402	1/4 SCHR x 1/8 MNPT	10
57-0404	1/4 SCHR x 1/4 MNPT	10

### Schrader Elbows

Part No.	Connection	Pack Q'ty
61-0402	1/4 SCHR x 1/8 MBSP Incl. Cap & Core	2
61-0404	1/4 SCHR x 1/4 MBSP Incl. Cap & Core	2
62-0402	1/4 SCHR x 1/8 MNPT - Incl. Cap & Core	2
62-0404	1/4 SCHR x 1/4 MNPT Incl. Cap & Core	2
63-0404	1/4 SCHR x 1/4 F/SWL SAE Incl. Cap & Core	2

58 Series



64 Series



### Schrader Unions to Copper Tail 60mm Extension

Part No.	Connection	Pack Q'ty
58-0402	1/4 SCHR x 1/8 CU Tail with Cap & Core	MTO
58-0403	1/4 SCHR x 3/16 CU Tail with Cap & Core	5
58-0404	1/4 SCHR x 1/4 CU Tail with Cap & Core	5
58-0404A1	1/4 SCHR x 1/4 CU Tail No Cap & Core	5
58-0405	1/4 SCHR x 5/16 CU Tail with Cap & Core	5
58-0504-410A	5/16 SCHR x 1/4 CU Tail - 410A with Cap & Core	5

### Schrader Swivel Tees (Swivel Nut on branch)

Part No.	Connection	Pack Q'ty
64-040404	1/4 SCHR x 1/4 SCHR x 1/4 FSAE	2
64-040404D	1/4 SCHR x 1/4 SCHR x 1/4 FSAE with Depressor and seal in nut	2
64-050505D-410A	5/16 SCHR x 5/16 SCHR x 5/16 FSAE Incl. Cap & Core	2

65 Series



68 Series

**Schrader Swivel Tees (Swivel Nut on run)**

Part No.	Connection	Pack Q'ty
65-040404	1/4 FSAE x 1/4 SCHR x 1/4 SCHR	2
65-040404D	1/4 FSAE x 1/4 SCHR x 1/4 SCHR with depressor and seal in nut	2

**Schrader Tees (Schrader Flare to MBSP)**

Part No.	Connection	Pack Q'ty
68-040404	1/4 SCHR x 1/4 SCHR x 1/4 MBSP	MTO

66 Series



69 Series

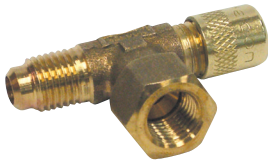
**Schrader Step Tees (Swivel Nut on run)**

Part No.	Connection	Pack Q'ty
66-040404	SCHR x 1/4, 5/16 Step Line x SCHR Incl. Cap & Core	2

**Schrader Tees (Schrader Flare to MNPT)**

Part No.	Connection	Pack Q'ty
69-040402	1/4 SCHR x 1/4 SCHR x 1/8 MNPT	2
69-040404	1/4 SCHR x 1/4 SCHR x 1/4 MNPT	2

67 Series



274 Series

**Schrader Tee (Schrader on run lines to Female SAE branch)**

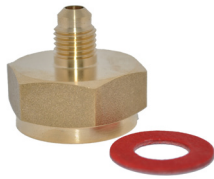
Part No.	Connection	Pack Q'ty
67-040404	1/4 SCHR x 1/4 SCHR x 1/4 FSAE Incl. Cap & Core	2

**Schrader Unions (R410A)**

Part No.	Connection	Pack Q'ty
274-0405D-410A	1/4 MSAE SCHR x 5/16 FSAE Depressor - R410A	2
274-0504D-410A	5/16 MSAE SCHR x 1/4 FSAE Depressor - R410A	2
274-0506-410A	5/16 MSAE SCHR x 3/8 FSAE Depressor - R410A	2

# Brass Fittings

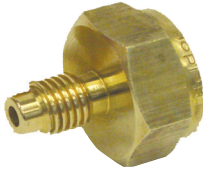
20 Series



### Cylinder Adaptors - Male SAE Flare x Female Parallel BSP

Part No.	Connection	Pack Q'ty
20-0404	1/4 MSAE x 1/4 FBSPP	1
20-0408	1/4 MSAE x 1/2 FBSPP	1
20-0410	1/4 MSAE x 5/8 FBSPP	1
20-0412	1/4 MSAE x 3/4 FBSPP	2
20-0512-410A	5/16 MSAE x 3/4 FBSPP - R410A	1
20-0512-LH	5/16 MSAE x 3/4 FBSPP-R32, LH Thread	1
20-0604	3/8 MSAE x 1/4 FBSPP	1
20-0606	3/8 MSAE x 3/8 FBSPP	MTO
20-0610	3/8 MSAE x 5/8 FBSPP	1
20-0612	3/8 MSAE x 3/4 FBSPP	2
20-0812	1/2 MSAE x 3/4 FBSPP	1
20-1010	5/8 MSAE x 5/8 FBSPP	1
20-1012	5/8 MSAE x 3/4 FBSPP	1

21 Series



### Cylinder ACME Adaptors - Male ACME to Female BSP Parallel

Part No.	Connection	Pack Q'ty
21-0812	1/2 MACME x 3/4 FBSPP	2
21-08	1/2 ACME SEALING CAP TO SUIT	5

### Cylinder Caps - Suit Male Parallel BSP

Part No.	Connection	Pack Q'ty
26-12	3/4 FBSPP	2
977-1507	Fibre Washer - To suit 3/4 FBSPP Adapter	10

### Fusible Safety Plugs - Male Taper

Part No.	Connection	Pack Q'ty
50-02160	1/8 MBSP FUSIBLE PLUG - 71°C	2
50-02200	1/8 MBSP FUSIBLE PLUG - 93°C	2
53-02200	1/8 MNPT FUSIBLE PLUG - 93°C	MTO

70 Series



### Seal Plugs - Male SAE Flare

Part No.	Connection	Pack Q'ty
70-04	1/4 MSAE	5
70-05	5/16 MSAE	5
70-06	3/8 MSAE	5
70-08	1/2 MSAE	5
70-10	5/8 MSAE	2
70-12	3/4 MSAE	2

75 Series



### Seal Caps - Female SAE Flare

Part No.	Connection	Pack Q'ty
75-03	3/16 FSAE	10
75-04	1/4 FSAE	10
75-05	5/16 FSAE	5
75-06	3/8 FSAE	5
75-08	1/2 FSAE	5
75-10	5/8 FSAE	2
75-12	3/4 FSAE	1

80/85 Series



### Pipe Plugs - Male Taper BSP

Part No.	Connection	Pack Q'ty
80-02	1/8 MBSP	5
80-04	1/4 MBSP	5
80-06	3/8 MBSP	5
80-08	1/2 MBSP	1
80-12	3/4 MBSP	1
80-16	1 MBSP	1

### Pipe Plugs - Male Taper NPT

Part No.	Connection	Pack Q'ty
85-02	1/8 MNPT	5
85-04	1/4 MNPT	5
85-06	3/8 MNPT	5
85-08	1/2 MNPT	5

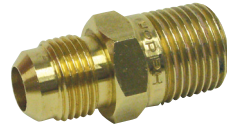
# Unions

200 Series



Unions - Male SAE Flare to Male SAE Flare		
Part No.	Connection	Pack Q'ty
200-0303	3/16 MSAE x 3/16 MSAE	5
200-0404	1/4 MSAE x 1/4 MSAE	5
200-0504	5/16 MSAE x 1/4 MSAE	5
200-0505	5/16 MSAE x 5/16 MSAE	5
200-0604	3/8 MSAE x 1/4 MSAE	5
200-0605	3/8 MSAE x 5/16 MSAE	5
200-0606	3/8 MSAE x 3/8 MSAE	5
200-0804	1/2 MSAE x 1/4 MSAE	5
200-0805	1/2 MSAE x 5/16 MSAE	MTO
200-0806	1/2 MSAE x 3/8 MSAE	5
200-0808	1/2 MSAE x 1/2 MSAE	5
200-1004	5/8 MSAE x 1/4 MSAE	2
200-1006	5/8 MSAE x 3/8 MSAE	2
200-1008	5/8 MSAE x 1/2 MSAE	2
200-1010	5/8 MSAE x 5/8 MSAE	2
200-1208	3/4 MSAE x 1/2 MSAE	1
200-1210	3/4 MSAE x 5/8 MSAE	1
200-1212	3/4 MSAE x 3/4 MSAE	1

201 Series



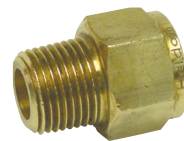
Unions - Male SAE Flare to Male Taper BSP		
Part No.	Connection	Pack Q'ty
201-0302	3/16 MSAE x 1/8 MBSP	MTO
201-0304	3/16 MSAE x 1/4 MBSP	MTO
201-0402	1/4 MSAE x 1/8 MBSP	5
201-0404	1/4 MSAE x 1/4 MBSP	5
201-0406	1/4 MSAE x 3/8 MBSP	2
201-0408	1/4 MSAE x 1/2 MBSP	2
201-0412	1/4 MSAE x 3/4 MBSP	2
201-0602	3/8 MSAE x 1/8 MBSP	2
201-0604	3/8 MSAE x 1/4 MBSP	2
201-0606	3/8 MSAE x 3/8 MBSP	2
201-0608	3/8 MSAE x 1/2 MBSP	2
201-0612	3/8 MSAE x 3/4 MBSP	2
201-0804	1/2 MSAE x 1/4 MBSP	2
201-0806	1/2 MSAE x 3/8 MBSP	2
201-0808	1/2 MSAE x 1/2 MBSP	2
201-0812	1/2 MSAE x 3/4 MBSP	1
201-1006	5/8 MSAE x 3/8 MBSP	1
201-1008	5/8 MSAE x 1/2 MBSP	1
201-1012	5/8 MSAE x 3/4 MBSP	1
201-1016	5/8 MSAE x 1 MBSP	MTO
201-1208	3/4 MSAE x 1/2 MBSP	1
201-1212	3/4 MSAE x 3/4 MBSP	1
201-1216	3/4 MSAE x 1 MBSP	1
201-1616	1 MSAE x 1 MBSP	1

203 Series



Unions - Male SAE Flare to Male Long Taper BSP		
Part No.	Connection	Pack Q'ty
203-0402	1/4 MSAE x 1/8 MBSPLT	2
203-0404	1/4 MSAE x 1/4 MBSPLT	1

210 Series



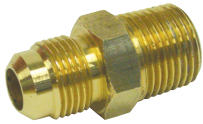
Thread Converter - Male BSP to Female FNPT		
Part No.	Connection	Pack Q'ty
210-0404	1/4 MBSP x 1/4 FNPT	2
210-0606	3/8 MBSP x 3/8 FNPT	2
210-0808	1/2 MBSP x 1/2 FNPT	2
210-1212	3/4 MBSP x 3/4 FNPT	1
210-1616	1 MBSP x 1 FNPT	MTO

209 Series



Thread Converters - Male Taper NPT to Female Taper BSP		
Part No.	Connection	Pack Q'ty
209-0404	1/4 MNPT x 1/4 FBSP	2
209-0606	3/8 MNPT x 3/8 FBSP	2
209-0808	1/2 MNPT x 1/2 FBSP	2
209-1212	3/4 MNPT x 3/4 FBSP	1

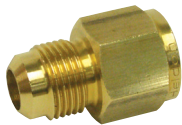
204 Series



**Unions - Male SAE Flare to Male Taper NPT**

Part No.	Connection	Pack Q'ty
204-0402	1/4 MSAE x 1/8 MNPT	5
204-0404	1/4 MSAE x 1/4 MNPT	5
204-0406	1/4 MSAE x 3/8 MNPT	5
204-0504	5/16 MSAE x 1/4 MNPT	5
204-0506	5/16 MSAE x 3/8 MNPT	5
204-0604	3/8 MSAE x 1/4 MNPT	5
204-0606	3/8 MSAE x 3/8 MNPT	5
204-0804	1/2 MSAE x 1/4 MNPT	2
204-0806	1/2 MSAE x 3/8 MNPT	2
204-0808	1/2 MSAE x 1/2 MNPT	2
204-0812	1/2 MSAE x 3/4 MNPT	1
204-1004	5/8 MSAE x 1/4 MNPT	1
204-1006	5/8 MSAE x 3/8 MNPT	MTO
204-1008	5/8 MSAE x 1/2 MNPT	1
204-1012	5/8 MSAE x 3/4 MNPT	1
204-1208	3/4 MSAE x 1/2 MNPT	1
204-1212	3/4 MSAE x 3/4 MNPT	1
204-1412	7/8 MSAE x 3/4 MNPT	1

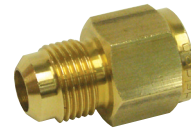
206 Series



**Unions - Male SAE Flare to Female Taper BSP**

Part No.	Connection	Pack Q'ty
206-0402	1/4 MSAE x 1/8 FBSP	2
206-0404	1/4 MSAE x 1/4 FBSP	2
206-0406	1/4 MSAE x 3/8 FBSP	2
206-0408	1/4 MSAE x 1/2 FBSP	1
206-0504	5/16 MSAE x 1/4 FBSP	1
206-0604	3/8 MSAE x 1/4 FBSP	1
206-0606	3/8 MSAE x 3/8 FBSP	1
206-0608	3/8 MSAE x 1/2 FBSP	1
206-0804	1/2 MSAE x 1/4 FBSP	1
206-0806	1/2 MSAE x 3/8 FBSP	1
206-0808	1/2 MSAE x 1/2 FBSP	1
206-1008	5/8 MSAE x 1/2 FBSP	1
206-1012	5/8 MSAE x 3/4 FBSP	1

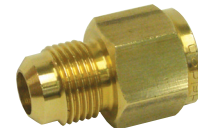
205 Series



**Unions - Male SAE Flare to Female SAE Flare**

Part No.	Connection	Pack Q'ty
205-0304	3/16 MSAE x 1/4 FSAE	2
205-0403	1/4 MSAE x 3/16 FSAE	2
205-0404	1/4 MSAE x 1/4 FSAE	2
205-0405	1/4 MSAE x 5/16 FSAE	2
205-0406	1/4 MSAE x 3/8 FSAE	2
205-0408	1/4 MSAE x 1/2 FSAE	2
205-0410	1/4 MSAE x 5/8 FSAE	2
205-0504	5/16 MSAE x 1/4 FSAE	2
205-0604	3/8 MSAE x 1/4 FSAE	2
205-0606	3/8 MSAE x 3/8 FSAE	2
205-0608	3/8 MSAE x 1/2 FSAE	2
205-0610	3/8 MSAE x 5/8 FSAE	2
205-0804	1/2 MSAE x 1/4 FSAE	2
205-0806	1/2 MSAE x 3/8 FSAE	2
205-0808	1/2 MSAE x 1/2 FSAE	MTO
205-0810	1/2 MSAE x 5/8 FSAE	1
205-0812	1/2 MSAE x 3/4 FSAE	1
205-1006	5/8 MSAE x 3/8 FSAE	1
205-1008	5/8 MSAE x 1/2 FSAE	1
205-1010	5/8 MSAE x 5/8 FSAE	1
205-1012	5/8 MSAE x 3/4 FSAE	1
205-1208	3/4 MSAE x 1/2 FSAE	1
205-1210	3/4 MSAE x 5/8 FSAE	1

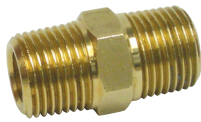
207 Series



**Unions - Male SAE Flare to Female Taper NPT**

Part No.	Connection	Pack Q'ty
207-0402	1/4 MSAE x 1/8 FNPT	2
207-0404	1/4 MSAE x 1/4 FNPT	2
207-0406	1/4 MSAE x 3/8 FNPT	2
207-0408	1/4 MSAE x 1/2 FNPT	2
207-0602	3/8 MSAE x 1/8 FNPT	1
207-0604	3/8 MSAE x 1/4 FNPT	1
207-0606	3/8 MSAE x 3/8 FNPT	1
207-0608	3/8 MSAE x 1/2 FNPT	1
207-0804	1/2 MSAE x 1/4 FNPT	1
207-0808	1/2 MSAE x 1/2 FNPT	1
207-1006	5/8 MSAE x 3/8 FNPT	1
207-1008	5/8 MSAE x 1/2 FNPT	1
207-1212	3/4 MSAE x 3/4 FNPT	MTO

211 Series



**Nipples - Male Taper BSP to Male Taper BSP**

Part No.	Connection	Pack Q'ty
211-0202	1/8 MBSP x 1/8 MBSP	5
211-0402	1/4 MBSP x 1/8 MBSP	5
211-0404	1/4 MBSP x 1/4 MBSP	5
211-0604	3/8 MBSP x 1/4 MBSP	5
211-0606	3/8 MBSP x 3/8 MBSP	5
211-0804	1/2 MBSP x 1/4 MBSP	2
211-0806	1/2 MBSP x 3/8 MBSP	2
211-0808	1/2 MBSP x 1/2 MBSP	2
211-1208	3/4 MBSP x 1/2 MBSP	1
211-1212	3/4 MBSP x 3/4 MBSP	1
211-1612	1 MBSP x 3/4 MBSP	1
211-1616	1 MBSP x 1 MBSP	1

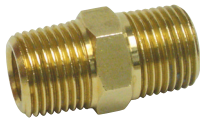
216 Series



**Unions - Male Taper BSP to Female Taper BSP**

Part No.	Connection	Pack Q'ty
216-0402	1/4 MBSP x 1/8 FBSP	2
216-0406	1/4 MBSP x 3/8 FBSP	2
216-0408	1/4 MBSP x 1/2 FBSP	2
216-0602	3/8 MBSP x 1/8 FBSP	2
216-0604	3/8 MBSP x 1/4 FBSP	2
216-0608	3/8 MBSP x 1/2 FBSP	1
216-0804	1/2 MBSP x 1/4 FBSP	2
216-0806	1/2 MBSP x 3/8 FBSP	2
216-1204	3/4 MBSP x 1/4 FBSP	1
216-1208	3/4 MBSP x 1/2 FBSP	1
216-1608	1 MBSP x 1/2 FBSP	1
216-1612	1 MBSP x 3/4 FBSP	1

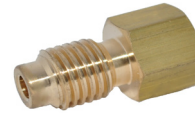
212 Series



**Brass Nipples - Male NPT to Male NPT**

Part No.	Connection	Pack Q'ty
212-0404	1/4 MNPT x 1/4 MNPT	5
212-0606	3/8 MNPT x 3/8 MNPT	2
212-0808	1/2 MNPT x 1/2 MNPT	2

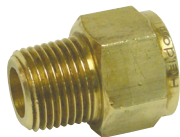
272 Series



**Union - Male ACME to Female SAE Flare**

Part No.	Connection	Pack Q'ty
272-0804	1/2 MACME x 1/4 FSAE	2

214 Series



**Unions - Male Taper BSP to Female SAE Flare**

Part No.	Connection	Pack Q'ty
214-0204	1/8 MBSP x 1/4 FSAE	2
214-0404	1/4 MBSP x 1/4 FSAE	2
214-0808	1/2 MBSP x 1/2 FSAE	2
214-1210	3/4 MBSP x 5/8 FSAE	2

275 Series



**Unions - Male SAE Flare to Female ACME (with o'ring)**

Part No.	Connection	Pack Q'ty
275-0408	1/4 MSAE x 1/2 FACME	1
276-0408	1/4 MSAE SCHR x 1/2 FACME	1

276 Series



270 Series



**Unions - Male ACME to Male NPT**

Part No.	Connection	Pack Q'ty
270-0802	1/2 MACME x 1/8 MNPT	2
270-0804	1/2 MACME x 1/4 MNPT	2
271-0802	1/2 MACME SCHR x 1/8 MNPT	2
271-0804	1/2 MACME SCHR x 1/4 MNPT	MTO

279 Series



**Union - Male Metric to Female ACME**

Part No.	Connection	Pack Q'ty
279-01008	MALE M10 - 1.5 x 1/2 FACME	2



217 Series



**Reducing Bush Unions - Male Taper BSP to Female BSP**

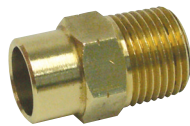
Part No.	Connection	Pack Q'ty
217-0402	1/4 MBSP x 1/8 FBSP	5
217-0602	3/8 MBSP x 1/8 FBSP	5
217-0604	3/8 MBSP x 1/4 FBSP	5
217-0804	1/2 MBSP x 1/4 FBSP	5
217-0806	1/2 MBSP x 3/8 FBSP	5
217-1204	3/4 MBSP x 1/4 FBSP	MTO
217-1206	3/4 MBSP x 3/8 FBSP	2
217-1208	3/4 MBSP x 1/2 FBSP	2
217-1604	1 MBSP x 1/4 FBSP	1
217-1606	1 MBSP x 3/8 FBSP	1
217-1608	1 MBSP x 1/2 FBSP	1
217-1612	1 MBSP x 3/4 FBSP	1

218 Series



**Reducing Bush Unions - Male Taper NPT to Female Taper NPT**

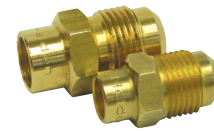
Part No.	Connection	Pack Q'ty
218-0202	1/8 MNPT x 1/8 FNPT	5
218-0204	1/8 MNPT x 1/4 FNPT	5
218-0402	1/4 MNPT x 1/8 FNPT	5
218-0602	3/8 MNPT x 1/8 FNPT	2
218-0604	3/8 MNPT x 1/4 FNPT	2
218-0804	1/2 MNPT x 1/4 FNPT	2
218-0806	1/2 MNPT x 3/8 FNPT	2
218-1204	3/4 MNPT x 1/4 FNPT	1
218-1206	3/4 MNPT x 3/8 FNPT	MTO



220 Series

**Sweat Unions - Male Taper NPT to Solder**

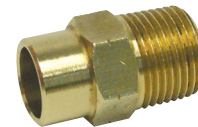
Part No.	Connection	Pack Q'ty
220-0406	1/4 MNPT x 3/8 ID	5
220-0608	3/8 MNPT x 1/2 ID	5



208 Series

**Sweat Unions - Male SAE Flare to Solder**

Part No.	Connection	Pack Q'ty
208-0404	1/4 MSAE x 1/4 ID	5
208-0406	1/4 MSAE x 3/8 ID	5
208-0504	5/16 MSAE x 1/4 ID	5
208-0606	3/8 MSAE x 3/8 ID	5
208-0608	3/8 MSAE x 1/2 ID	5
208-0610	3/8 MSAE x 5/8 ID	5
208-0612	3/8 MSAE x 3/4 ID	5
208-0806	1/2 MSAE x 3/8 ID	5
208-0808	1/2 MSAE x 1/2 ID	5
208-0810	1/2 MSAE x 5/8 ID	2
208-1008	5/8 MSAE x 1/2 ID	2
208-1010	5/8 MSAE x 5/8 ID	2
208-1012	5/8 MSAE x 3/4 ID	1
208-1208	3/4 MSAE x 1/2 ID	1
208-1212	3/4 MSAE x 3/4 ID	1
208-1214	3/4 MSAE x 7/8 ID	1
208-1216	3/4 MSAE x 1 ID	1



219 Series

**Sweat Unions - Male Taper BSP to Solder**

Part No.	Connection	Pack Q'ty
219-0404	1/4 MBSP x 1/4 ID	5
219-0406	1/4 MBSP x 3/8 ID	5
219-0606	3/8 MBSP x 3/8 ID	5
219-0608	3/8 MBSP x 1/2 ID	5
219-0806	1/2 MBSP x 3/8 ID	2
219-0808	1/2 MBSP x 1/2 ID	2
219-0810	1/2 MBSP x 5/8 ID	2
219-0812	1/2 MBSP x 3/4 ID	2
219-1210	3/4 MBSP x 5/8 ID	2
219-1212	3/4 MBSP x 3/4 ID	2
219-1216	3/4 MBSP x 1 ID	1
219-1616	1 MBSP x 1 ID	1
219-2020	1 1/4 MBSP x 1 1/4 ID	1
219-2424	1 1/2 MBSP x 1 1/2 ID	1

226 Series



**Socket Unions - Female SAE Flare to Female SAE Flare**

Part No.	Connection	Pack Q'ty
226-0404	1/4 FSAE x 1/4 FSAE	2
226-0606	3/8 FSAE x 3/8 FSAE	2
226-0808	1/2 FSAE x 1/2 FSAE	1

227 Series



**Socket Unions - Female SAE Flare to Female Taper BSP**

Part No.	Connection	Pack Q'ty
227-0402	1/4 FSAE x 1/8 FBSP	2
227-0404	1/4 FSAE x 1/4 FBSP	2
227-0406	1/4 FSAE x 3/8 FBSP	1
227-0606	3/8 FSAE x 3/8 FBSP	1
227-0806	1/2 FSAE x 3/8 FBSP	1

231 Series



**Socket Unions - Female Taper BSP to Female Taper BSP**

Part No.	Connection	Pack Q'ty
231-0202	1/8 FBSP x 1/8 FBSP	2
231-0404	1/4 FBSP x 1/4 FBSP	2
231-0606	3/8 FBSP x 3/8 FBSP	2
231-0808	1/2 FBSP x 1/2 FBSP	1
231-1212	3/4 FBSP x 3/4 FBSP	1

232 Series



**Socket Unions - Female Taper NPT to Female Taper NPT**

Part No.	Connection	Pack Q'ty
232-0202	1/8 FNPT x 1/8 FNPT	2
232-0404	1/4 FNPT x 1/4 FNPT	MTO
232-0606	3/8 FNPT x 3/8 FNPT	2
232-0808	1/2 FNPT x 1/2 FNPT	MTO

233 Series



**Unions - Female Taper BSP to Solder**

Part No.	Connection	Pack Q'ty
233-0404	1/4 FBSP x 1/4 ID	5
233-0406	1/4 FBSP x 3/8 ID	5
233-0408	1/4 FBSP x 1/2 ID	5
233-0606	3/8 FBSP x 3/8 ID	2
233-0808	1/2 FBSP x 1/2 ID	2
233-0812	1/2 FBSP x 3/4 ID	1
233-1212	3/4 FBSP x 3/4 ID	1
233-1216	3/4 FBSP x 1 ID	1

234 Series



**Unions - Female Taper NPT to Solder**

Part No.	Connection	Pack Q'ty
234-0204	1/8 FNPT x 1/4 ID	5
234-0404	1/4 FNPT x 1/4 ID	5
234-0406	1/4 FNPT x 3/8 ID	5
234-0606	3/8 FNPT x 3/8 ID	1
234-0608	3/8 FNPT x 1/2 ID	1
234-0610	3/8 FNPT x 5/8 ID	1

# Forged Elbows

300 Series



Forged Elbows - Male SAE Flare to Male SAE Flare		
Part No.	Connection	Pack Q'ty
300-0404	1/4 MSAE x 1/4 MSAE	2
300-0505	5/16 MSAE x 5/16 MSAE	2
300-0604	3/8 MSAE x 1/4 MSAE	2
300-0606	3/8 MSAE x 3/8 MSAE	2
300-0804	1/2 MSAE x 1/4 MSAE	2
300-0806	1/2 MSAE x 3/8 MSAE	2
300-0808	1/2 MSAE x 1/2 MSAE	2
300-1006	5/8 MSAE x 3/8 MSAE	1
300-1008	5/8 MSAE x 1/2 MSAE	1
300-1010	5/8 MSAE x 5/8 MSAE	1
300-1208	3/4 MSAE x 1/2 MSAE	1
300-1210	3/4 MSAE x 5/8 MSAE	1
300-1212	3/4 MSAE x 3/4 MSAE	1

304 Series



Forged Elbows - Male SAE Flare to Male Taper NPT		
Part No.	Connection	Pack Q'ty
304-0402	1/4 MSAE x 1/8 MNPT	1
304-0404	1/4 MSAE x 1/4 MNPT	1
304-0406	1/4 MSAE x 3/8 MNPT	MTO
304-0604	3/8 MSAE x 1/4 MNPT	1
304-0606	3/8 MSAE x 3/8 MNPT	1
304-0608	3/8 MSAE x 1/2 MNPT	1
304-0804	1/2 MSAE x 1/4 MNPT	1
304-0806	1/2 MSAE x 3/8 MNPT	MTO
304-0808	1/2 MSAE x 1/2 MNPT	1
304-1006	5/8 MSAE x 3/8 MNPT	1
304-1008	5/8 MSAE x 1/2 MNPT	1
304-1012	5/8 MSAE x 3/4 MNPT	1
304-1212	3/4 MSAE x 3/4 MNPT	MTO

302 Series



Forged Elbows - Male SAE Flare to Male Taper BSP		
Part No.	Connection	Pack Q'ty
302-0402	1/4 MSAE x 1/8 MBSP	2
302-0404	1/4 MSAE x 1/4 MBSP	2
302-0406	1/4 MSAE x 3/8 MBSP	2
302-0604	3/8 MSAE x 1/4 MBSP	2
302-0606	3/8 MSAE x 3/8 MBSP	2
302-0608	3/8 MSAE x 1/2 MBSP	1
302-0806	1/2 MSAE x 3/8 MBSP	MTO
302-0808	1/2 MSAE x 1/2 MBSP	1

306 Series



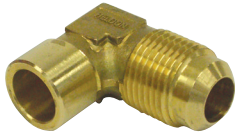
Forged Elbows - Male SAE Flare to Female SAE Flare		
Part No.	Connection	Pack Q'ty
306-0404	1/4 MSAE x 1/4 FSAE	1
306-0406	1/4 MSAE x 3/8 FSAE	1
306-0604	3/8 MSAE x 1/4 FSAE	1
306-0606	3/8 MSAE x 3/8 FSAE	1
306-0608	3/8 MSAE x 1/2 FSAE	1
306-0808	1/2 MSAE x 1/2 FSAE	1
306-0810	1/2 MSAE x 5/8 FSAE	1
306-1010	5/8 MSAE x 5/8 FSAE	1
306-1212	3/4 MSAE x 3/4 FSAE	1

305 Series



Forged Elbows - Male SAE Flare to Male NPT - 45° Deg.		
Part No.	Connection	Pack Q'ty
305-0402	1/4 MSAE x 1/8 MNPT	2
305-0404	1/4 MSAE x 1/4 MNPT	MTO

312 Series



**Forged Elbows - Male SAE Flare to Female Solder**

Part No.	Connection	Pack Q'ty
312-0404	1/4 MSAE x 1/4 ID	1
312-0408	1/4 MSAE x 1/2 ID	MTO
312-0606	3/8 MSAE x 3/8 ID	1
312-0608	3/8 MSAE x 1/2 ID	1
312-0610	3/8 MSAE x 5/8 ID	MTO
312-0806	1/2 MSAE x 3/8 ID	MTO
312-0808	1/2 MSAE x 1/2 ID	1
312-0810	1/2 MSAE x 5/8 ID	1
312-1010	5/8 MSAE x 5/8 ID	1
312-1208	3/4 MSAE x 1/2 ID	1

351 Series



**Forged Elbows - Female Taper BSP to Female Taper BSP**

Part No.	Connection	Pack Q'ty
351-0404	1/4 FBSP x 1/4 FBSP	1
351-0606	3/8 FBSP x 3/8 FBSP	MTO
351-0808	1/2 FBSP x 1/2 FBSP	1

319 Series



**Forged Elbows - Male Taper BSP to Male Taper BSP**

Part No.	Connection	Pack Q'ty
319-0404	1/4 MBSP x 1/4 MBSP	1
319-0604	3/8 MBSP x 1/4 MBSP	1
319-0606	3/8 MBSP x 3/8 MBSP	MTO
319-0808	1/2 MBSP x 1/2 MBSP	MTO

327 Series



**Forged Elbows - Male Taper BSP to Female Taper BSP**

Part No.	Connection	Pack Q'ty
327-0202	1/8 MBSP x 1/8 FBSP	MTO
327-0404	1/4 MBSP x 1/4 FBSP	1
327-0606	3/8 MBSP x 3/8 FBSP	1
327-0808	1/2 MBSP x 1/2 FBSP	1
327-1212	3/4 MBSP x 3/4 FBSP	MTO

# Forged Tees

400 Series



Forged Tees - Male SAE Line to Male SAE Branch		
Part No.	Connection (Line x Line x Branch)	Pack Q'ty
400-040404	1/4 MSAE x 1/4 MSAE x 1/4 MSAE	2
400-040406	1/4 MSAE x 1/4 MSAE x 3/8 MSAE	1
400-050505	5/16MSAE x 5/16MSAE x 5/16MSAE	MTO
400-060604	3/8 MSAE x 3/8 MSAE x 1/4 MSAE	MTO
400-060606	3/8 MSAE x 3/8 MSAE x 3/8 MSAE	2
400-060608	3/8 MSAE x 3/8 MSAE x 1/2 MSAE	1
400-060610	3/8 MSAE x 3/8 MSAE x 5/8 MSAE	MTO
400-080408	1/2 MSAE x 1/4 MSAE x 1/2 MSAE	1
400-080804	1/2 MSAE x 1/2 MSAE x 1/4 MSAE	1
400-080606	1/2 MSAE x 3/8 MSAE x 3/8 MSAE	1
400-080608	1/2 MSAE x 3/8 MSAE x 1/2 MSAE	1
400-080804	1/2 MSAE x 1/2 MSAE x 1/4 MSAE	1
400-080806	1/2 MSAE x 1/2 MSAE x 3/8 MSAE	1
400-080808	1/2 MSAE x 1/2 MSAE x 1/2 MSAE	1
400-080810	1/2 MSAE x 1/2 MSAE x 5/8 MSAE	1
400-080812	1/2 MSAE x 1/2 MSAE x 3/4 MSAE	1
400-100610	5/8 MSAE x 3/8 MSAE x 5/8 MSAE	MTO
400-100810	5/8 MSAE x 1/2 MSAE x 5/8 MSAE	1
400-101004	5/8 MSAE x 5/8 MSAE x 1/4 MSAE	1
400-101006	5/8 MSAE x 5/8 MSAE x 3/8 MSAE	1
400-101008	5/8 MSAE x 5/8 MSAE x 1/2 MSAE	1
400-101010	5/8 MSAE x 5/8 MSAE x 5/8 MSAE	1
400-121208	3/4 MSAE x 3/4 MSAE x 1/2 MSAE	1
400-121012	3/4 MSAE x 5/8 MSAE x 3/4 MSAE	MTO
400-121210	3/4 MSAE x 3/4 MSAE x 5/8 MSAE	MTO
400-121212	3/4 MSAE x 3/4 MSAE x 3/4 MSAE	1
400-141414	7/8 MSAE x 7/8 MSAE x 7/8 MSAE	MTO

401 Series



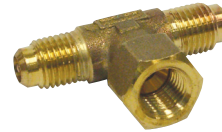
Forged Tees - Male SAE Line to Male Taper BSP Branch		
Part No.	Connection (Line x Line x Branch)	Pack Q'ty
401-040402	1/4 MSAE x 1/4 MSAE x 1/8 MBSP	2
401-040404	1/4 MSAE x 1/4 MSAE x 1/4 MBSP	2

403 Series



Forged Tees - Male SAE Line to Male NPT Branch		
Part No.	Connection (Line x Line x Branch)	Pack Q'ty
403-040402	1/4 MSAE x 1/4 MSAE x 1/8 MNPT	
403-040404	1/4 MSAE x 1/4 MSAE x 1/4 MNPT	1

408 Series



Forged Tees - Male SAE Line to Female SAE Branch		
Part No.	Connection (Line x Line x Branch)	Pack Q'ty
408-040404	1/4 MSAE x 1/4 MSAE x 1/4 FSAE	1

409 Series



Forged Tees - Male SAE Line to Female Taper BSP Branch		
Part No.	Connection (Line x Line x Branch)	Pack Q'ty
409-040402	1/4 MSAE x 1/4 MSAE x 1/8 FBSP	2
409-040404	1/4 MSAE x 1/4 MSAE x 1/4 FBSP	2

428 Series



Forged Tees - Male BSP Line to Male Taper BSP Branch		
Part No.	Connection (Line x Line x Branch)	Pack Q'ty
428-040404	1/4 MBSP x 1/4 MBSP x 1/4 MBSP	MTO
428-060606	3/8 MBSP x 3/8 MBSP x 3/8 MBSP	MTO

465 Series



**Forged Swivel Tees - MSAE Line to F/Swivel to MSAE Branch**

Part No.	Connection (Line x Line x Branch)	Pack Q'ty
465-040404	1/4 MSAE x 1/4 F/NUT x 1/4 MSAE	2

466 Series



**Forged Swivel Tees - Male SAE Line to F/Swivel Branch**

Part No.	Connection (Line x Line x Branch)	Pack Q'ty
466-040404	1/4 MSAE x 1/4 MSAE x 1/4 F/NUT	2

472 Series



**Forged Tees - Female BSP Line to Female BSP Branch**

Part No.	Connection (Line x Line x Branch)	Pack Q'ty
472-040404	1/4 FBSP x 1/4 FBSP x 1/4 FBSP	1
472-060606	3/8 FBSP x 3/8 FBSP x 3/8 FBSP	MTO
472-080808	1/2 FBSP x 1/2 FBSP x 1/2 FBSP	1