

SAE 45° Flared Fittings

Flare Union (Female to Female)



Part No.	Stk. Code	Tube Size
32-6	89140	3/8
32-8	89141	1/2

Connector (Female to Male Pipe)



Part No.	Stk. Code	Tube Size	Pipe Thread
33-4A	89142	1/4	1/8
33-4B	89890	1/4	1/4
33-6B	89143	3/8	1/4
33-6C	89891	3/8	3/8
33-8C	89144	1/2	3/8

Tube Coupling - Swivel Flare



Part No.	Stk. Code	Tube Size
34-6	89148	3/8
34-8	89149	1/2

Nut - long



Part No.	Stk. Code	Tube Size
41-2	89165	1/8
41-3	89166	3/16
41-4	89167	1/4
41-5	89168	5/16
41-6	89169	3/8
41-8	89170	1/2
41-10	89163	5/8
41-12	89164	3/4

Union



Part No.	Stk. Code	Tube Size
42-2	89178	1/8
42-3	89179	3/16
42-4	89180	1/4
42-5	89181	5/16
42-6	89182	3/8
42-8	89183	1/2
42-10	89175	5/8
42-12	89176	3/4

Union Reducing



Part No.	Stk. Code	Tube Size A	Tube Size B
42R-64	89188	3/8	1/4
42R-84	89190	1/2	1/4
42R-86	89191	1/2	3/8
42R-108	89185	5/8	1/2

Union Tee



Part No.	Stk. Code	Tube Size
44-5	89196	5/16
44-6	89197	3/8
44-8	89198	1/2

Female Connector



Part No.	Stk. Code	Tube Size	Pipe Thread
46-3A	89214	3/16	1/8
46-4A	89217	1/4	1/8
46-4B	89218	1/4	1/4
46-4C	89219	1/4	3/8
46-5A	89220	5/16	1/8
46-5B	89221	5/16	1/4
46-6A	89224	3/8	1/8
46-6B	89225	3/8	1/4
46-6C	89226	3/8	3/8
46-6D	89227	3/8	1/2
46-6E	89893	3/8	3/4
46-8B	89236	1/2	1/4
46-8C	89237	1/2	3/8
46-8D	89238	1/2	1/2
46-8E	89239	1/2	3/4
46-10C	89892	5/8	3/8
46-10D	89209	5/8	1/2

Male Connector



Part No.	Stk. Code	Tube Size	Pipe Thread
48-2A	89258	1/8	1/8
48-3A	89259	3/16	1/8
48-3B	89260	3/16	1/4
48-4A	89261	1/4	1/8
48-4B	89262	1/4	1/4
48-4C	89263	1/4	3/8
48-4D	89264	1/4	1/2
48-5A	89265	5/16	1/8
48-5B	89266	5/16	1/4
48-5C	89267	5/16	3/8
48-6A	89268	3/8	1/8
48-6B	89269	3/8	1/4
48-6C	89270	3/8	3/8
48-6D	89271	3/8	1/2
48-6E	89272	3/8	3/4
48-7B	89273	7/16	1/4
48-8B	89274	1/2	1/4
48-8C	89275	1/2	3/8
48-8D	89276	1/2	1/2
48-8E	89277	1/2	3/4
48-10C	89252	5/8	3/8
48-10D	89253	5/8	1/2
48-10E	89254	5/8	3/4
48-12D	89255	3/4	1/2
48-12E	89256	3/4	3/4

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Male Branch Tee



Part No.	Stk. Code	Tube Size	Pipe Thread
45-3A	89200	3/16	1/8
45-4A	89201	1/4	1/8
45-4B	89202	1/4	1/4
45-5A	89203	5/16	1/8
45-6B	89205	3/8	1/4
45-6C	89206	3/8	3/8
45-8C	89208	1/2	3/8
45-10D	89199	5/8	1/2

Male Elbow



Part No.	Stk. Code	Tube Size	Pipe Thread
49-2A	89283	1/8	1/8
49-3A	89284	3/16	1/8
49-4A	89285	1/4	1/8
49-4B	89286	1/4	1/4
49-4C	89287	1/4	3/8
49-4D	89288	1/4	1/2
49-5A	89289	5/16	1/8
49-5B	89290	5/16	1/4
49-5C	89291	5/16	3/8
49-6A	89292	3/8	1/8
49-6B	89293	3/8	1/4
49-6C	89294	3/8	3/8
49-6D	89295	3/8	1/2
49-8B	89297	1/2	1/4
49-8C	89298	1/2	3/8
49-8D	89299	1/2	1/2
49-8E	89300	1/2	3/4
49-10C	89278	5/8	3/8
49-10D	89279	5/8	1/2
49-10E	89280	5/8	3/4
49-12D	89281	3/4	1/2
49-12E	89282	3/4	3/4

Female Elbow



Part No.	Stk. Code	Tube Size	Pipe Thread
50-4B	89304	1/4	1/4
50-6C	89309	3/8	3/8
50-8B	89311	1/2	1/4
50-8C	89312	1/2	3/8
50-10D	89302	5/8	1/2

Flare Seal Plug



Part No.	Stk. Code	Tube Size
58-3	89362	3/16
58-4	89363	1/4
58-5	89364	5/16
58-6	89365	3/8
58-8	89366	1/2
58-10	89361	5/8

45° Elbow



Part No.	Stk. Code	Tube Size	Pipe Thread
54-4A	89331	1/4	1/8
54-4B	89332	1/4	1/4
54-5A	89333	5/16	1/8
54-5B	89334	5/16	1/4
54-6B	89335	3/8	1/4
54-6C	89336	3/8	3/8
54-6D	89337	3/8	1/2
54-8C	89338	1/2	3/8
54-8D	89339	1/2	1/2
54-10C	89328	5/8	3/8
54-10D	89329	5/8	1/2
54-12D	89897	3/4	1/2
54-12E	89330	3/4	3/4

Union Elbow



Part No.	Stk. Code	Tube Size	Pipe Thread
55-3	89341	3/16	3/16
55-4	89342	1/4	1/4
55-5	89343	5/16	5/16
55-6	89344	3/8	3/8
55-8	89345	1/2	1/2
55-10	89340	5/8	5/8

Cap Nut



Part No.	Stk. Code	Tube Size
56-3	89351	3/16
56-4	89352	1/4
56-5	89353	5/16
56-6	89354	3/8
56-8	89355	1/2
56-10	89350	5/8

Inverted Flare Fittings

Nut



Brass Part No.	Stk. Code	Steel Part No.	Stk. Code	Tube Size
—	—	S141-2	89491	1/8
141-3	89066	S141-3	89492	3/16
141-4	89067	S141-4	89494	1/4
141-5	89068	S141-5	89495	5/16
141-6	89069	S141-6	89496	3/8
141-8	89070	—	—	1/2
—	—	S141-10	89489	5/8
—	—	S141-12	89490	3/4
Long Nut		SL141-3	89498	3/16
Long Nut		SL141-4	89499	1/4

Plug



Part No.	Stk. Code	Tube Size
PL141-3	89482	3/16
PL141-4	89483	1/4
PL141-5	89484	5/16
PL141-6	89485	3/8

Union



Part No.	Stk. Code	Tube Size
142-2	89071	1/8
142-3	89072	3/16
142-4	89073	1/4
142-5	89074	5/16
142-6	89075	3/8
142-8	89076	1/2

Tee-Flare all ends



Part No.	Stk. Code	Tube Size
144-3	89079	3/16
144-4	89080	1/4
144-5	89081	5/16
144-6	89082	3/8

Union Tube to Female Pipe



Part No.	Stk. Code	Tube Size	Pipe Thread
146-3A	89086	3/16	1/8
146-4A	89087	1/4	1/8
146-6B	89089	3/8	1/4
146-8C	89090	1/2	3/8

Connector Tube to Male Pipe



Part No.	Stk. Code	Tube Size	Pipe Thread
148-2A	89092	1/8	1/8
148-3A	89093	3/16	1/8
148-4A	89094	1/4	1/8
148-4B	89095	1/4	1/4
148-5A	89096	5/16	1/8
148-5B	89097	5/16	1/4
148-6A	89098	3/8	1/8
148-6B	89099	3/8	1/4
148-6C	89100	3/8	3/8
148-8B	89101	1/2	1/4
148-8C	89102	1/2	3/8
148-8D	89103	1/2	1/2
148-10D	89091	5/8	1/2

Elbow Flare to Male Pipe



Part No.	Stk. Code	Tube Size	Pipe Thread
149-2A	89106	1/8	1/8
149-3A	89107	3/16	1/8
149-4A	89108	1/4	1/8
149-4B	89109	1/4	1/4
149-5A	89110	5/16	1/8
149-5B	89111	5/16	1/4
149-6A	89112	3/8	1/8
149-6B	89113	3/8	1/4
149-6C	89114	3/8	3/8
149-8B	89115	1/2	1/4
149-8C	89116	1/2	3/8
149-8D	89117	1/2	1/2

45° Elbow



Part No.	Stk. Code	Tube Size	Pipe Thread
154-3A	89120	3/16	1/8
154-4A	89121	1/4	1/8
154-6B	89123	3/8	1/4
154-8C	89124	1/2	3/8

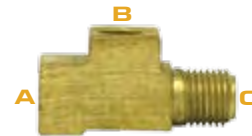
Adapter Tube to Male Thread



* Seal on Hex face

Part No.	Stk. Code	Male Thread	Inverted Seat
47727*	89798	1/2 - 20	1/4
47732*	89800	7/16 - 20	1/4
47817*	89806	1/2 - 20	3/16
47818	89807	7/16 - 24 (1/4 INV)	3/16
47828*	89808	3/8 - 24 (3/16 INV)	1/4
47829	89809	1/2 - 20 (5/16 INV)	1/4
47897	89814	1/2 - 20 (5/16 INV)	3/16
47908	89822	9/16 - 18	1/4
47911	89825	9/16 - 18	3/16
47917	89829	7/16 - 24	1/2 - 20

Towed Trailer Brake Tee



Part No.	Stk. Code	Tube Size A	Tube Size B	Male Thread C
47900	89817	3/16 (3/8 - 24)	3/16 (3/8 - 24)	3/16 INV (3/8 - 24)
47904	89819	1/4 (9/16 - 18)	3/16 (3/8 - 24)	9/16 - 18
47906	89821	3/16 (1/2 - 20)	3/16 (3/8 - 24)	1/2 - 20 INV
47933	89831	3/16 (9/16 - 18)	3/16 (3/8 - 24)	3/16 INV (9/16 - 18)

Tee w/ Bracket



Part No.	Stk. Code	Inverted Seat	Bolt Hole
47812	89805	3/16	11/32