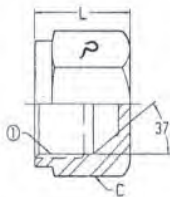


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304C

37° JIC Nuts
 300 - 800

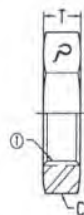
SAE 070112

Ref. Aeroquip 210292
 Ref. Parker FNTX

Tube Cap

304C-① ①-FJ	Tube O.D.	① Female JIC	C Hex	L Length	Operating Pressure
304C-02	1/8	5/16 - 24	3/8	0.500	5,000
304C-03	3/16	3/8 - 24	7/16	0.562	5,000
304C-04	1/4	7/16 - 20	9/16	0.594	5,000
304C-05	5/16	1/2 - 20	5/8	0.609	5,000
304C-06	3/8	9/16 - 18	11/16	0.625	5,000
304C-08	1/2	3/4 - 16	7/8	0.750	5,000
304C-10	5/8	7/8 - 14	1"	0.844	5,000
304C-12	3/4	1 1/16 - 12	1 1/4	0.906	5,000
304C-14	7/8	1-3/16 - 12	1 3/8	0.969	4,000
304C-16	1"	1 5/16 - 12	1 1/2	1.016	4,000
304C-20	1 1/4	1 5/8 - 12	2"	1.062	3,000
304C-24	1 1/2	1 7/8 - 12	2 1/4	1.188	2,000
304C-32	2"	2 1/2 - 12	2 7/8	1.438	1,500

Safety Factor 4:1



306N

SAE 070117

Adjustable Locknut

Use with #6801 series Adjustable ORB Fittings

306N-① Part No.	Tube O.D.	① Tube Thread	C Hex	T Thickness
306N-02	1/8	5/16 - 24	7/16	0.22
306N-03	3/16	3/8 - 24	1/2	0.22
306N-04	1/4	7/16 - 20	9/16	0.25
306N-05	5/16	1/2 - 20	5/8	0.25
306N-06	3/8	9/16 - 18	11/16	0.27
306N-08	1/2	3/4 - 16	7/8	0.31
306N-10	5/8	7/8 - 14	1"	0.36
306N-12	3/4	1 1/16 - 12	1 1/4	0.41
306N-14	7/8	1 3/16 - 12	1 3/8	0.41
306N-16	1"	1 5/16 - 12	1 1/2	0.41
306-20 ①	1 1/4	1 5/8 - 12	1 7/8	0.41
306-24 ①	1 1/2	1 7/8 - 12	2 1/8	0.41
306-32 ①	2"	2 1/2 - 12	2 3/4	0.41

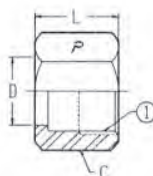
① Adjustable and Bulkhead Locknuts are identical according to SAE for sizes larger than 1".

37° JIC Nuts
300 - 900

318

SAE 070110

Ref. Aeroquip 1290
Ref. Parker BTX



Use with Tube Sleeve #319					
Tube Nut					
318-①	Tube	①	C	D	L
①-FJ	O.D.	JIC Thread	Hex	Drill	Length
318-02	1/8	5/16 - 24	3/8	0.179	0.55
318-03①	3/16	3/8 - 24	7/16	0.241	0.61
318-03X②	3/16	3/8 - 24	7/16	0.241	0.61
318-04①	1/4	7/16 - 20	9/16	0.304	0.62
318-04X②	1/4	7/16 - 20	9/16	0.304	0.62
318-05	5/16	1/2 - 20	5/8	0.373	0.68
318-06①	3/8	9/16 - 18	11/16	0.439	0.73
318-08①	1/2	3/4 - 16	7/8	0.568	0.85
318-10	5/8	7/8 - 14	1"	0.696	0.98
318-12①	3/4	1 1/16 - 12	1 1/4	0.832	1.03
318-14	7/8	1-3/16 - 12	1 3/8	0.959	1.09
318-16①	1"	1 5/16 - 12	1 1/2	1.087	1.13
318-20①	1 1/4	1 5/8 - 12	2"	1.344	1.23
318-24	1 1/2	1 7/8 - 12	2 1/4	1.614	1.42
318-32	2"	2 1/2 - 12	2 7/8	2.164	1.75

① Brass 37° JIC is available, just add prefix 8- to the part number (8-318-06).

② Sport Nuts



Add prefix 35-
to any part number for an
assembled fitting.

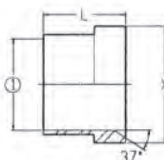


Example: 35-6801-08-08

319

SAE 070115

Ref. Aeroquip 900605
Ref. Parker TX



Use with Tube Nut #318			
Tube Sleeve			
319-①	①	L	X
Part No.	Tube O.D.	Length	Diameter
319-02	1/8	0.34	0.267
319-03①	3/16	0.34	0.329
319-04①	1/4	0.41	0.383
319-05	5/16	0.44	0.445
319-06①	3/8	0.50	0.502
319-08①	1/2	0.56	0.682
319-10	5/8	0.66	0.797
319-12①	3/4	0.68	0.972
319-14	7/8	0.76	1.097
319-16①	1"	0.78	1.222
319-20①	1 1/4	0.91	1.534
319-24	1 1/2	1.12	1.784
319-32	2"	1.19	2.409

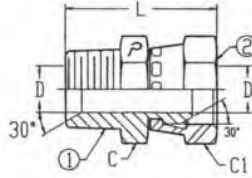
① Brass 37° JIC is available, just add prefix 8- to the part number (8-319-06).

1404

SAE 140130

Ref. Aeroquip 2045

Ref. Parker 0107



Female Pipe
1404-1603

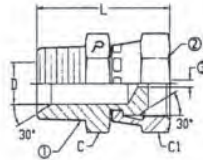
MP x NPSM Adapter

1404-①-② ①-MP ②-FPX	① Male NPTF	② Female NPSM Swivel	C Body Hex	C1 Nut Hex	D Drill	L Length	Operating Pressure
1404-02-02	1/8 - 27	1/8 - 27	9/16	9/16	0.152	1.04	5,000
1404-02-04	1/8 - 27	1/4 - 18	9/16	11/16	0.221	1.25	5,000
1404-04-02	1/4 - 18	1/8 - 27	11/16	9/16	0.152	1.28	5,000
1404-04-04	1/4 - 18	1/4 - 18	11/16	11/16	0.221	1.49	5,000
1404-04-06	1/4 - 18	3/8 - 18	11/16	7/8	0.339	1.54	4,000
1404-06-04	3/8 - 18	1/4 - 18	11/16	11/16	0.221	1.55	5,000
1404-06-06	3/8 - 18	3/8 - 18	7/8	7/8	0.339	1.60	4,000
1404-06-08	3/8 - 18	1/2 - 14	7/8	1"	0.468	1.66	3,500
1404-08-04	1/2 - 14	1/4 - 18	7/8	11/16	0.221	1.81	5,000
1404-08-06	1/2 - 14	3/8 - 18	7/8	7/8	0.339	1.86	4,000
1404-08-08	1/2 - 14	1/2 - 14	1"	1"	0.468	1.92	3,500
1404-08-12	1/2 - 14	3/4 - 14	1 1/4	1 1/4	0.640	2.08	2,250
1404-12-08	3/4 - 14	1/2 - 14	1 1/8	1"	0.468	1.92	3,500
1404-12-12	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.640	2.09	2,250
1404-12-16	3/4 - 14	1 - 11 1/2	1 1/2	1 1/2	0.828	2.14	2,000
1404-16-12	1 - 11 1/2	3/4 - 14	1 1/2	1 1/4	0.640	2.32	2,250
1404-16-16	1 - 11 1/2	1 - 11 1/2	1 1/2	1 1/2	0.828	2.35	2,000
1404-16-20	1 - 11 1/2	1 1/4 - 11 1/2	1 7/8	1 7/8	1.078	2.39	1,625
1404-20-16	1 1/4 - 11 1/2	1 - 11 1/2	1 3/4	1 1/2	0.828	2.39	2,000
1404-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1 7/8	1 7/8	1.078	2.42	1,625
1404-20-24	1 1/4 - 11 1/2	1 1/2 - 11 1/2	2 1/8	2 1/8	1.313	2.50	1,250
1404-24-20	1 1/2 - 11 1/2	1 1/4 - 11 1/2	2 1/8	1 7/8	1.078	2.56	1,625
1404-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2 1/8	2 1/8	1.313	2.52	1,250
1404-32-32	2 - 11 1/2	2 - 11 1/2	2 5/8	2 5/8	1.813	2.75	1,125

Safety Factor 4:1

Male pipes must have **30° chamfers**
to seal into NPSM Female Pipe Swivels.

We can also drill the
blank restrictor (.000)
to your specs.



1404R

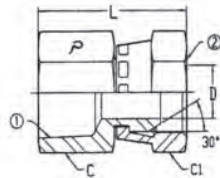
SAE 140130

Female Pipe
1404-1603

Restrictor MP x NPSM Adapter

1404R-①-②-③ ①-MP ②-FPX ③-Orifice	① Male NPTF	② Female NPSM Swivel	C Body Hex	C1 Nut Hex	D Drill	L Length	Operating Pressure
1404R-04-04-.000	1/4 - 18	1/4 - 18	11/16	11/16	0.281	1.49	5,000
1404R-04-04-.032	1/4 - 18	1/4 - 18	11/16	11/16	0.281	1.49	5,000
1404R-04-04-.062	1/4 - 18	1/4 - 18	11/16	11/16	0.281	1.49	5,000
1404R-06-06-.000	3/8 - 18	3/8 - 18	7/8	7/8	0.406	1.60	4,000
1404R-06-06-.032	3/8 - 18	3/8 - 18	7/8	7/8	0.406	1.60	4,000
1404R-06-06-.062	3/8 - 18	3/8 - 18	7/8	7/8	0.406	1.60	4,000
1404R-08-08-.000	1/2 - 14	1/2 - 14	1"	1"	0.531	1.92	3,500
1404R-08-08-.032	1/2 - 14	1/2 - 14	1"	1"	0.531	1.92	3,500
1404R-08-08-.062	1/2 - 14	1/2 - 14	1"	1"	0.531	1.92	3,500
1404R-12-12-.000	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.719	2.09	2,250
1404R-12-12-.032	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.719	2.09	2,250
1404R-12-12-.062	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.719	2.09	2,250

Safety Factor 4:1



1405

SAE 140131

Ref. Aeroquip 2046
Ref. Parker 0207

FP x NPSM Adapter

1405-①-② ①-FP ②-FPX	① Female NPTF	② Female NPSM Swivel	C Body Hex	C1 Nut Hex	D Drill	L Length	Operating Pressure
1405-02-02	1/8 - 27	1/8 - 27	9/16	9/16	0.152	0.98	5,000
1405-02-04	1/8 - 27	1/4 - 18	9/16	11/16	0.221	1.19	5,000
1405-04-04	1/4 - 18	1/4 - 18	11/16	11/16	0.221	1.42	5,000
1405-04-06	1/4 - 18	3/8 - 18	11/16	7/8	0.339	1.45	4,000
1405-06-04	3/8 - 18	1/4 - 18	7/8	11/16	0.221	1.48	5,000
1405-06-06	3/8 - 18	3/8 - 18	7/8	7/8	0.339	1.49	4,000
1405-06-08	3/8 - 18	1/2 - 14	7/8	1"	0.468	1.52	3,500
1405-08-06	1/2 - 14	3/8 - 18	1"	7/8	0.339	1.76	4,000
1405-08-08	1/2 - 14	1/2 - 14	1"	1"	0.468	1.78	3,500
1405-08-12	1/2 - 14	3/4 - 14	1"	1 1/4	0.640	1.98	2,250
1405-12-08	3/4 - 14	1/2 - 14	1 1/4	1"	0.468	1.85	3,500
1405-12-12	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.640	1.96	2,250
1405-16-12	1 - 11 1/2	3/4 - 14	1 1/2	1 1/4	0.640	1.55	2,250
1405-16-16	1 - 11 1/2	1 - 11 1/2	1 1/2	1 1/2	0.828	2.38	2,000
1405-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1 7/8	1 7/8	1.078	2.44	1,625
1405-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2 1/8	2 1/8	1.313	2.41	1,250
1405-32-32	2 - 11 1/2	2 - 11 1/2	2 5/8	2 5/8	1.813	2.52	1,125

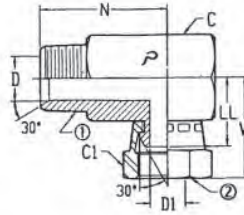
Safety Factor 4:1

1501

SAE 140230

Ref. Aeroquip 2047

Ref. Parker 2107



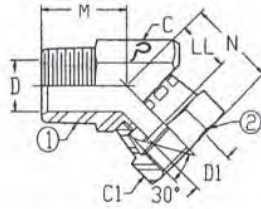
Female Pipe
1604 - 1605

MP x NPSM Elbow

1501-①-② ①-MP ②-FPX	① Male NPTF	② Female NPSM Swivel	C Body Hex	C1 Nut Hex	D Drill	D1 Drill	LL Assembled	N Length	W Length	Operating Pressure
1501-02-02	1/8 - 27	1/8 - 27	9/16	9/16	0.188	0.152	0.58	0.84	0.75	5,000
1501-02-04	1/8 - 27	1/4 - 18	9/16	11/16	0.188	0.221	0.75	0.78	0.98	5,000
1501-04-02	1/4 - 18	1/8 - 27	11/16	9/16	0.281	0.152	0.65	0.75	0.82	5,000
1501-04-04	1/4 - 18	1/4 - 18	11/16	11/16	0.281	0.221	0.75	1.25	0.98	5,000
1501-04-06	1/4 - 18	3/8 - 18	11/16	7/8	0.281	0.339	0.90	0.94	1.13	4,000
1501-06-04	3/8 - 18	1/4 - 18	7/8	11/16	0.406	0.221	0.84	1.19	1.07	5,000
1501-06-06	3/8 - 18	3/8 - 18	7/8	7/8	0.406	0.339	0.90	1.19	1.13	4,000
1501-06-08	3/8 - 18	1/2 - 14	1"	1"	0.406	0.468	0.99	1.28	1.25	3,500
1501-08-04	1/2 - 14	1/4 - 18	1"	11/16	0.531	0.221	0.91	0.94	1.14	5,000
1501-08-06	1/2 - 14	3/8 - 18	1"	7/8	0.531	0.339	0.96	1.38	1.19	4,000
1501-08-08	1/2 - 14	1/2 - 14	1"	1"	0.531	0.468	0.99	1.81	1.25	3,500
1501-08-08X <i>Short</i>	1/2 - 14	1/2 - 14	1"	1"	0.531	0.468	0.99	1.25	1.25	3,500
1501-08-12	1/2 - 14	3/4 - 14	1"	1 1/4	0.531	0.640	1.24	1.67	1.58	2,250
1501-12-04	3/4 - 14	1/4 - 18	1 1/4	11/16	0.719	0.221	1.03	1.96	1.26	5,000
1501-12-06	3/4 - 14	3/8 - 18	1 1/4	7/8	0.719	0.339	1.09	1.38	1.32	4,000
1501-12-08	3/4 - 14	1/2 - 14	1 1/8	1"	0.719	0.468	1.11	1.47	1.37	3,500
1501-12-12	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.719	0.640	1.24	1.67	1.58	2,250
1501-12-16	3/4 - 14	1 - 1 1/2	1 1/2	1 1/2	0.719	0.828	1.34	1.39	1.73	2,000
1501-16-08	1 - 1 1/2	1/2 - 14	1 1/2	1"	0.938	0.468	1.24	1.25	1.50	3,500
1501-16-12	1 - 1 1/2	3/4 - 14	1 1/2	1 1/4	0.938	0.664	1.36	1.86	1.70	2,250
1501-16-16	1 - 1 1/2	1 - 1 1/2	1 1/2	1 1/2	0.938	0.828	1.34	2.00	1.73	2,000
1501-16-20	1 - 1 1/2	1 1/4 - 1 1/2	1 1/2	1 7/8	0.938	1.078	1.50	1.66	2.00	1,625
1501-20-16	1 1/4 - 1 1/2	1 - 1 1/2	1 7/8	1 1/2	1.250	0.828	1.53	1.58	1.92	2,000
1501-20-20	1 1/4 - 1 1/2	1 1/4 - 1 1/2	1 7/8	1 7/8	1.250	1.078	1.50	2.33	2.00	1,625
1501-20-24	1 1/4 - 1 1/2	1 1/2 - 1 1/2	1 7/8	2 1/8	1.250	1.313	1.66	2.52	2.10	1,250
1501-24-20	1 1/2 - 1 1/2	1 1/4 - 1 1/2	2 1/8	1 7/8	1.500	1.078	1.57	1.78	2.07	1,625
1501-24-24	1 1/2 - 1 1/2	1 1/2 - 1 1/2	2 1/8	2 1/8	1.500	1.313	1.66	2.52	2.10	1,250
1501-32-32	2 - 1 1/2	2 - 1 1/2	2 5/8	2 5/8	1.938	1.813	2.07	3.12	2.45	1,125

Safety Factor 4:1

Male pipes must have 30° chamfers
to seal into NPSM Female Pipe Swivels.



1503

SAE 140330

Ref. Aeroquip 2049

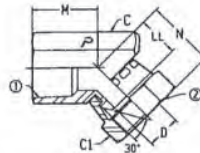
Ref. Parker 3107

Female Pipe
1503-1603

MP x NPSM Elbow

1503-①-② ①-MP ②-FPX	① Male NPTF	② Female NPSM Swivel	C Body Hex	C1 Nut Hex	D Drill	D1 Drill	LL Assembled	M Length	N Length	Operating Pressure
1503-02-02	1/8 - 27	1/8 - 27	9/16	9/16	0.188	0.152	0.50	0.62	0.67	5,000
1503-02-04	1/8 - 27	1/4 - 18	11/16	11/16	0.188	0.221	0.47	0.66	0.70	5,000
1503-04-02	1/4 - 18	1/8 - 27	11/16	9/16	0.281	0.152	0.50	0.94	0.67	5,000
1503-04-04	1/4 - 18	1/4 - 18	11/16	11/16	0.281	0.221	0.69	0.94	0.92	5,000
1503-04-06	1/4 - 18	3/8 - 18	7/8	7/8	0.281	0.339	1.06	0.75	1.29	4,000
1503-06-04	3/8 - 18	1/4 - 18	7/8	11/16	0.406	0.221	1.06	0.63	1.29	5,000
1503-06-06	3/8 - 18	3/8 - 18	7/8	7/8	0.406	0.339	0.75	1.06	0.98	4,000
1503-06-08	3/8 - 18	1/2 - 14	1"	1"	0.406	0.468	1.19	0.78	1.45	3,500
1503-08-04	1/2 - 14	1/4 - 18	1"	11/16	0.531	0.221	1.38	0.73	1.61	5,000
1503-08-06	1/2 - 14	3/8 - 18	1"	7/8	0.531	0.339	1.38	0.83	1.61	4,000
1503-08-08	1/2 - 14	1/2 - 14	1"	1"	0.531	0.468	0.88	1.31	1.14	3,500
1503-08-12	1/2 - 14	3/4 - 14	1 1/4	1 1/4	0.531	0.640	0.99	1.19	1.33	2,250
1503-12-06	3/4 - 14	3/8 - 18	1 1/4	7/8	0.719	0.339	0.75	1.50	0.98	3,500
1503-12-08	3/4 - 14	1/2 - 14	1 1/4	1"	0.719	0.468	1.50	0.88	1.76	3,500
1503-12-12	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.719	0.640	1.00	1.50	1.34	2,250
1503-12-16	3/4 - 14	1 - 11 1/2	1 1/2	1 1/2	0.719	0.828	1.31	1.05	1.70	2,000
1503-16-12	1 - 11 1/2	3/4 - 14	1 1/2	1 1/4	0.938	0.640	1.50	1.03	1.84	2,250
1503-16-16	1 - 11 1/2	1 - 11 1/2	1 1/2	1 1/2	0.938	0.828	1.06	1.50	1.45	2,000
1503-20-16	1 1/4 - 11 1/2	1 - 11 1/2	1 7/8	1 1/2	1.250	0.828	1.80	1.30	2.19	2,000
1503-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1 7/8	1 7/8	1.250	1.078	1.28	1.75	1.75	1,625
1503-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2 1/8	2 1/8	1.500	1.313	1.38	1.94	1.82	1,250
1503-32-32	2 - 11 1/2	2 - 11 1/2	2 5/8	2 5/8	1.938	1.813	1.50	2.00	1.88	1,125

Safety Factor 4:1



1504

SAE 140331

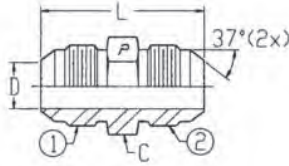
Ref. Aeroquip 2050

FP x NPSM Elbow

1504-①-② ①-FP ②-FPX	① Female NPTF	② Female NPSM Swivel	C Body Hex	C1 Nut Hex	D Drill	LL Assembled	M Length	N Length	Operating Pressure
1504-04-04	1/4 - 18	1/4 - 18	11/16	11/16	0.221	0.91	0.66	1.14	5,000
1504-06-04	3/8 - 18	1/4 - 18	7/8	11/16	0.221	0.63	1.06	0.86	5,000
1504-06-06	3/8 - 18	3/8 - 18	7/8	7/8	0.339	1.06	0.73	1.29	4,000
1504-08-06	1/2 - 14	3/8 - 18	1"	7/8	0.339	0.79	1.38	1.02	4,000
1504-08-08	1/2 - 14	1/2 - 14	1"	1"	0.468	1.38	0.78	1.64	3,500
1504-12-12	3/4 - 14	3/4 - 14	1 1/4	1 1/4	0.640	1.25	1.00	1.59	2,250
1504-16-16	1 - 11 1/2	1 - 11 1/2	1 1/2	1 1/2	0.828	1.50	1.05	1.89	2,000
1504-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1 7/8	1 7/8	1.078	1.78	1.33	2.28	1,625
1504-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2 1/8	2 1/8	1.313	1.97	1.25	2.41	1,250

2403

SAE 070101
 Ref. Aeroquip 2027
 Ref. Parker HTX



37° JIC
 2403 - 2650

Tube Union

2403-①-② ①-MJ ②-MJ	Tube O.D.	① Male JIC	② Male JIC	C Hex	D Drill	L Length	Operating Pressure
2403-02-02	1/8	5/16 - 24	5/16 - 24	7/16	0.062	1.17	5,000
2403-03-03	3/16	3/8 - 24	3/8 - 24	7/16	0.125	1.23	5,000
2403-04-04	1/4	7/16 - 20	7/16 - 20	1/2	0.172	1.37	5,000
2403-05-04	5/16 x 1/4	1/2 - 20	7/16 - 20	9/16	0.172	1.37	5,000
2403-05-05	5/16	1/2 - 20	1/2 - 20	9/16	0.234	1.37	5,000
2403-06-04	3/8 x 1/4	9/16 - 18	7/16 - 20	5/8	0.172	1.41	5,000
2403-06-05	3/8 x 5/16	9/16 - 18	1/2 - 20	5/8	0.234	1.40	5,000
2403-06-06	3/8	9/16 - 18	9/16 - 18	5/8	0.297	1.41	5,000
2403-08-04	1/2 x 1/4	3/4 - 16	7/16 - 20	13/16	0.172	1.51	5,000
2403-08-06	1/2 x 3/8	3/4 - 16	9/16 - 18	13/16	0.297	1.52	5,000
2403-08-08	1/2	3/4 - 16	3/4 - 16	13/16	0.391	1.62	5,000
2403-10-08	5/8 x 1/2	7/8 - 14	3/4 - 16	15/16	0.391	1.78	5,000
2403-10-10	5/8	7/8 - 14	7/8 - 14	15/16	0.484	1.88	5,000
2403-12-08	3/4 x 1/2	1 1/16 - 12	3/4 - 16	1 1/8	0.391	1.95	5,000
2403-12-10	3/4 x 5/8	1 1/16 - 12	7/8 - 14	1 1/8	0.484	2.05	5,000
2403-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/8	0.609	2.16	5,000
2403-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 1/4	0.719	2.21	4,000
2403-16-12	1" x 3/4	1 5/16 - 12	1 1/16 - 12	1 3/8	0.609	2.20	4,000
2403-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 3/8	0.844	2.25	4,000
2403-20-16	1 1/4 x 1"	1 5/8 - 12	1 5/16 - 12	1 11/16	0.844	2.38	3,000
2403-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 11/16	1.078	2.43	3,000
2403-24-20 ❶	1 1/2 x 1 1/4	1 7/8 - 12	1 5/8 - 12	2"	1.078	2.62	2,000
2403-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2"	1.312	2.75	2,000
2403-32-24	2" x 1 1/2	1 7/8 - 12	1 7/8 - 12	2 5/8	1.312	3.15	1,500
2403-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 5/8	1.781	3.40	1,500

❶ Tube Union 2403-24-20 has a larger drill hole of 1.312" on the larger side.

Safety Factor 4:1

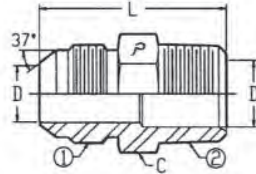
37° JIC Flare fittings seal on the flare.
 Careful handling will prevent damage and leaks.

2404

SAE 070102

Ref. Aeroquip 2021

Ref. Parker FTX



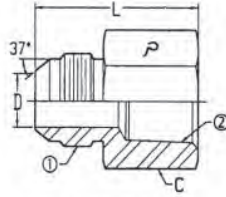
37° JIC
2403-2680

Male Connector - Male JIC x Male Pipe

2404-①-② ①-MJ ②-MP	Tube O.D.	① Male JIC	② Male NPTF	C Hex	D Drill	D1 Drill	L Length	Operating Pressure
2404-02-02	1/8	5/16 - 24	1/8 - 27	7/16	0.062	0.188	1.11	5,000
2404-03-02	3/16	3/8 - 24	1/8 - 27	7/16	0.125	0.125	1.14	5,000
2404-04-02 ①	1/4	7/16 - 20	1/8 - 27	1/2	0.172	0.172	1.22	5,000
2404-04-04 ①	1/4	7/16 - 20	1/4 - 18	9/16	0.172	0.172	1.42	5,000
2404-04-06	1/4	7/16 - 20	3/8 - 18	3/4	0.172	0.172	1.42	5,000
2404-04-08	1/4	7/16 - 20	1/2 - 14	7/8	0.172	0.172	1.65	5,000
2404-05-02 ①	5/16	1/2 - 20	1/8 - 27	9/16	0.188	0.188	1.22	5,000
2404-05-04 ①	5/16	1/2 - 20	1/4 - 18	9/16	0.234	0.234	1.42	5,000
2404-05-06	5/16	1/2 - 20	3/8 - 18	3/4	0.234	0.234	1.42	5,000
2404-06-02 ①	3/8	9/16 - 18	1/8 - 27	5/8	0.188	0.188	1.25	5,000
2404-06-04 ①	3/8	9/16 - 18	1/4 - 18	5/8	0.281	0.281	1.43	5,000
2404-06-06 ①	3/8	9/16 - 18	3/8 - 18	3/4	0.297	0.297	1.43	5,000
2404-06-08 ①	3/8	9/16 - 18	1/2 - 14	7/8	0.297	0.297	1.69	5,000
2404-06-12	3/8	9/16 - 18	3/4 - 14	1 1/8	0.297	0.297	1.75	4,000
2404-08-04 ①	1/2	3/4 - 16	1/4 - 18	13/16	0.281	0.281	1.53	5,000
2404-08-06 ①	1/2	3/4 - 16	3/8 - 18	13/16	0.391	0.391	1.53	5,000
2404-08-08 ①	1/2	3/4 - 16	1/2 - 14	7/8	0.391	0.391	1.79	5,000
2404-08-12	1/2	3/4 - 16	3/4 - 14	1 1/8	0.391	0.391	1.85	4,000
2404-08-16	1/2	3/4 - 16	1 - 11 1/2	1 3/8	0.391	0.938	1.98	3,000
2404-10-04	5/8	7/8 - 14	1/4 - 18	15/16	0.281	0.281	1.69	5,000
2404-10-06	5/8	7/8 - 14	3/8 - 18	15/16	0.406	0.406	1.70	5,000
2404-10-08 ①	5/8	7/8 - 14	1/2 - 14	15/16	0.484	0.484	1.89	5,000
2404-10-12	5/8	7/8 - 14	3/4 - 14	1 1/8	0.484	0.484	1.95	4,000
2404-12-06	3/4	1 1/16 - 12	3/8 - 18	1 1/8	0.406	0.406	1.80	4,500
2404-12-08 ①	3/4	1 1/16 - 12	1/2 - 14	1 1/8	0.531	0.531	2.06	4,500
2404-12-12 ①	3/4	1 1/16 - 12	3/4 - 14	1 1/8	0.609	0.609	2.06	4,000
2404-12-16	3/4	1 1/16 - 12	1 - 11 1/2	1 3/8	0.609	0.609	2.25	3,000
2404-12-20	3/4	1 1/16 - 12	1 1/4 - 11 1/2	1 11/16	0.609	1.250	2.36	2,500
2404-12-24	3/4	1 1/16 - 12	1 1/2 - 11 1/2	2"	0.609	1.500	2.46	2,000
2404-14-12	7/8	1 3/16 - 12	3/4 - 14	1 1/4	0.719	0.719	2.09	3,500
2404-16-12 ①	1"	1 5/16 - 12	3/4 - 14	1 3/8	0.719	0.719	2.11	3,500
2404-16-16 ①	1"	1 5/16 - 12	1 - 11 1/2	1 3/8	0.844	0.844	2.30	3,000
2404-16-20	1"	1 5/16 - 12	1 1/4 - 11 1/2	1 11/16	0.844	0.844	2.40	2,500
2404-16-24	1"	1 5/16 - 12	1 1/2 - 11 1/2	2"	0.844	1.500	2.51	2,000
2404-20-16	1 1/4	1 5/8 - 12	1 - 11 1/2	1 11/16	0.938	0.938	2.42	3,000
2404-20-20	1 1/4	1 5/8 - 12	1 1/4 - 11 1/2	1 11/16	1.078	1.078	2.45	2,500
2404-20-24	1 1/4	1 5/8 - 12	1 1/2 - 11 1/2	2"	1.078	1.500	2.56	2,000
2404-24-16	1 1/2	1 7/8 - 12	1 - 11 1/2	2"	1.312	0.938	2.62	2,000
2404-24-20	1 1/2	1 7/8 - 12	1 1/4 - 11 1/2	2"	1.312	1.250	2.65	2,000
2404-24-24	1 1/2	1 7/8 - 12	1 1/2 - 11 1/2	2"	1.312	1.312	2.68	2,000
2404-24-32	1 1/2	1 7/8 - 12	2 - 11 1/2	2 1/2	1.312	1.938	2.79	1,500
2404-32-16	2"	2 1/2 - 12	1 - 11 1/2	2 5/8	1.781	0.938	3.02	1,500
2404-32-20	2"	2 1/2 - 12	1 1/4 - 11 1/2	2 5/8	1.781	1.250	3.05	1,500
2404-32-24	2"	2 1/2 - 12	1 1/2 - 11 1/2	2 5/8	1.781	1.500	3.08	1,500
2404-32-32	2"	2 1/2 - 12	2 - 11 1/2	2 5/8	1.781	1.781	3.11	1,500

① Brass 37° JIC is available, just add prefix 8- to the part number (8-2404-06-06).

Safety Factor 4:1



2405

SAE 070103

Ref. Aeroquip 2022
Ref. Parker GTX

Female Connector - Male JIC x Female Pipe

2405-①-② ① MJ ② FP	Tube O.D.	① Male JIC	② Female NPTF	C Hex	D Drill	L Length	Operating Pressure
2405-02-02	1/8	5/16 - 24	1/8 - 27	9/16	0.062	1.12	5,000
2405-03-02	3/16	3/8 - 24	1/8 - 27	9/16	0.125	1.13	5,000
2405-04-02	1/4	7/16 - 20	1/8 - 27	9/16	0.172	1.19	5,000
2405-04-04	1/4	7/16 - 20	1/4 - 18	3/4	0.172	1.39	5,000
2405-05-02	5/16	1/2 - 20	1/8 - 27	9/16	0.234	1.17	5,000
2405-05-04	5/16	1/2 - 20	1/4 - 18	3/4	0.234	1.39	5,000
2405-06-04	3/8	9/16 - 18	1/4 - 18	3/4	0.297	1.40	5,000
2405-06-06	3/8	9/16 - 18	3/8 - 18	7/8	0.297	1.46	5,000
2405-06-08	3/8	9/16 - 18	1/2 - 14	1 1/8	0.297	1.69	5,000
2405-08-04	1/2	3/4 - 16	1/4 - 18	13/16	0.391	1.55	5,000
2405-08-06	1/2	3/4 - 16	3/8 - 18	7/8	0.391	1.56	5,000
2405-08-08	1/2	3/4 - 16	1/2 - 14	1 1/8	0.391	1.79	5,000
2405-10-06	5/8	7/8 - 14	3/8 - 18	15/16	0.484	1.67	5,000
2405-10-08	5/8	7/8 - 14	1/2 - 14	1 1/8	0.484	1.89	5,000
2405-10-12	5/8	7/8 - 14	3/4 - 14	1 3/8	0.484	1.95	4,000
2405-12-08	3/4	1 1/16 - 12	1/2 - 14	1 1/8	0.609	2.05	4,500
2405-12-12	3/4	1 1/16 - 12	3/4 - 14	1 3/8	0.609	2.06	4,000
2405-14-12	7/8	1 3/16 - 12	3/4 - 14	1 3/8	0.718	2.06	3,500
2405-16-12	1"	1 5/16 - 12	3/4 - 14	1 3/8	0.844	2.13	3,500
2405-16-16	1"	1 5/16 - 12	1 - 11 1/2	1 5/8	0.844	2.35	3,000
2405-16-20	1"	1 5/16 - 12	1 1/4 - 11 1/2	2"	0.844	2.43	2,500
2405-20-20	1 1/4	1 5/8 - 12	1 1/4 - 11 1/2	2"	1.078	2.49	2,500
2405-20-24	1 1/4	1 5/8 - 12	1 1/2 - 11 1/2	2 3/8	1.078	2.51	2,000
2405-24-20	1 1/2	1 7/8 - 12	1 1/4 - 11 1/2	2 3/8	1.078	2.49	2,000
2405-24-24	1 1/2	1 7/8 - 12	1 1/2 - 11 1/2	2 3/8	1.312	2.62	2,000
2405-32-24	2"	2 1/2 - 12	1 1/2 - 11 1/2	2 7/8	1.312	2.52	1,500
2405-32-32	2"	2 1/2 - 12	2 - 11 1/2	2 7/8	1.781	2.97	1,500

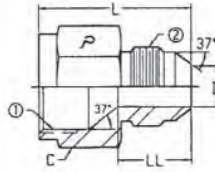
Safety Factor 4:1

37° JIC
2405 - 2405

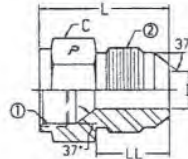
2406

SAE 070123

Ref. Aeroquip 2215
Ref. Parker TRTX



Reducer



Expander

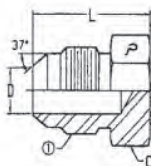
Tube Reducer and Expander

2406-①-② ①-FJ ②-MJ	Tube O.D.	① Female JIC	② Male JIC	C Hex	D Drill	L Length	LL Assembled	Operating Pressure
Tube Reducers								
2406-04-03	1/4 x 3/16	7/16 - 20	3/8 - 24	9/16	0.125	1.05	0.48	5,000
2406-06-04	3/4 x 1/4	9/16 - 18	7/16 - 20	11/16	0.172	1.19	0.84	5,000
2406-08-04	1/2 x 1/4	3/4 - 16	7/16 - 20	7/8	0.172	1.33	0.95	5,000
2406-08-06	1/2 x 3/8	3/4 - 16	9/16 - 18	7/8	0.297	1.33	0.96	5,000
2406-10-04	5/8 x 1/4	7/8 - 14	7/16 - 20	1"	0.172	1.47	1.00	5,000
2406-10-06	5/8 x 3/8	7/8 - 14	9/16 - 18	1"	0.297	1.41	0.94	5,000
2406-10-08	5/8 x 1/2	7/8 - 14	3/4 - 16	1"	0.391	1.43	0.96	5,000
2406-12-04	3/4 x 1/4	1 1/16 - 12	7/16 - 20	1 1/4	0.172	1.50	1.00	5,000
2406-12-06	3/4 x 3/8	1 1/16 - 12	9/16 - 18	1 1/4	0.297	1.46	0.96	5,000
2406-12-08	3/4 x 1/2	1 1/16 - 12	3/4 - 16	1 1/4	0.391	1.56	1.06	5,000
2406-12-10	3/4 x 5/8	1 1/16 - 12	7/8 - 14	1 1/4	0.484	1.58	1.08	5,000
2406-14-06	7/8 x 3/8	1 3/16 - 12	9/16 - 18	1 3/8	0.297	1.59	1.06	4,000
2406-14-08	7/8 x 1/2	1 3/16 - 12	3/4 - 16	1 3/8	0.391	1.69	1.16	4,000
2406-14-10	7/8 x 5/8	1 3/16 - 12	7/8 - 14	1 3/8	0.484	1.73	1.20	4,000
2406-14-12	7/8 x 3/4	1 3/16 - 12	1 1/16 - 12	1 3/8	0.609	1.80	1.27	4,000
2406-16-04	1" x 1/4	1 5/16 - 12	7/16 - 20	1 1/2	0.172	1.57	0.55	4,000
2406-16-06	1" x 3/8	1 5/16 - 12	9/16 - 18	1 1/2	0.297	1.58	0.56	4,000
2406-16-08	1" x 1/2	1 5/16 - 12	3/4 - 16	1 1/2	0.391	1.72	1.16	4,000
2406-16-10	1" x 5/8	1 5/16 - 12	7/8 - 14	1 1/2	0.484	1.78	1.22	4,000
2406-16-12	1" x 3/4	1 5/16 - 12	1 1/16 - 12	1 1/2	0.609	1.88	1.32	4,000
2406-16-14	1" x 7/8	1 5/16 - 12	1 3/16 - 12	1 1/2	0.719	1.86	1.30	4,000
2406-20-12	1 1/4 x 3/4	1 5/8 - 12	1 1/16 - 12	2"	0.609	1.93	1.37	3,000
2406-20-16	1 1/4 x 1"	1 5/8 - 12	1 5/16 - 12	2"	0.844	2.16	1.60	3,000
2406-24-08	1 1/2 x 1/2	1 7/8 - 12	3/4 - 16	2 1/4	0.391	1.85	0.66	2,000
2406-24-10	1 1/2 x 5/8	1 7/8 - 12	7/8 - 14	2 1/4	0.484	1.95	0.76	2,000
2406-24-12	1 1/2 x 3/4	1 7/8 - 12	1 1/16 - 12	2 1/4	0.609	2.05	1.39	2,000
2406-24-16	1 1/2 x 1"	1 7/8 - 12	1 5/16 - 12	2 1/4	0.913	2.10	1.44	2,000
2406-24-20	1 1/2 x 1 1/4	1 7/8 - 12	1 5/8 - 12	2 1/4	1.078	2.15	1.49	2,000
2406-32-24	2" x 1 1/2	2 1/2 - 12	1 7/8 - 12	2 7/8	1.312	2.52	1.69	1,500
Tube Expanders								
2406-04-06	1/4 x 3/8	7/16 - 20	9/16 - 18	5/8	0.297	-	-	5,000
2406-06-08	3/8 x 1/2	9/16 - 18	3/4 - 16	7/8	0.391	1.17	0.83	5,000
2406-08-10	1/2 x 5/8	3/4 - 16	7/8 - 14	15/16	0.391	1.28	0.91	5,000
2406-08-12	1/2 x 3/4	3/4 - 16	1 1/16 - 12	1 1/8	0.391	1.44	1.07	5,000
2406-10-12	5/8 x 3/4	7/8 - 14	1 1/16 - 12	1 1/8	0.391	1.52	1.07	5,000
2406-12-16	3/4 x 1"	1 1/16 - 12	1 5/16 - 12	1 3/8	0.609	1.82	1.32	4,000
2406-16-20	1" x 1 1/4	1 5/16 - 12	1 5/8 - 12	1 11/16	0.844	1.70	1.14	3,000
2406-20-24	1 1/4 x 1 1/2	1 5/8 - 12	1 7/8 - 12	2"	1.312	1.90	1.08	2,000

Safety Factor 4:1

Two piece insert style tube reducers are also available as part number (2407).

37° JIC
2403 - 2650



2408

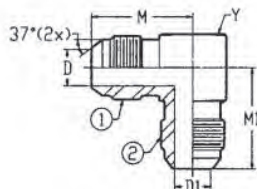
SAE 070109
Ref. Aeroquip 900599
Ref. Parker PNTX

Tube Plug

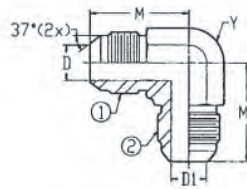
2408-① ①- MJ	Tube O.D.	① Male JIC	C Hex	D Drill	L Length	Operating Pressure
2408-04	1/4	7/16 - 20	1/2	0.172	0.80	5,000
2408-05	5/16	1/2 - 20	9/16	0.234	0.80	5,000
2408-06	3/8	9/16 - 18	5/8	0.297	0.84	5,000
2408-08	1/2	3/4 - 16	13/16	0.391	0.94	5,000
2408-10	5/8	7/8 - 14	15/16	0.484	1.10	5,000
2408-12	3/4	1 1/16 - 12	1 1/8	0.609	1.28	5,000
2408-14	7/8	1 3/16 - 12	1 1/4	0.719	1.31	4,000
2408-16	1"	1 5/16 - 12	1 3/8	0.844	1.33	4,000
2408-20	1 1/4	1 5/8 - 12	1 11/16	1.078	1.45	3,000
2408-24	1 1/2	1 7/8 - 12	2"	1.312	1.65	2,000
2408-32	2"	2 1/2 - 12	2 5/8	1.781	2.05	1,500

Safety Factor 4:1

37° JIC
2403 - 2650



2500 (Bar Stock)



2500-4 (Forged)

2500

SAE 070201
Ref. Aeroquip 2039
Ref. Parker ETX

Union Elbow - Male JIC x Male JIC

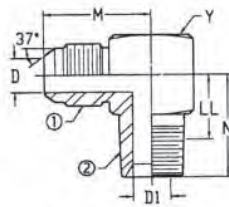
2500-①-② (-4 if forged) ①- MJ ②- MJ	Tube O.D.	① Male JIC	② Male JIC	D Drill	D1 Drill	M Length	M1 Length	Y Square	Y Wrench Flats	Operating Pressure
2500-04-04	1/4	7/16 - 20	7/16 - 20	0.172	0.172	0.89	0.89	1/2	7/16	5,000
2500-05-05	5/16	1/2 - 20	1/2 - 20	0.234	0.234	0.95	0.95	9/16	-	5,000
2500-06-04	3/8 x 1/4	9/16 - 18	7/16 - 20	0.297	0.172	1.06	1.05	5/8	9/16	5,000
2500-06-06	3/8	9/16 - 18	9/16 - 18	0.297	0.297	1.06	1.06	5/8	9/16	5,000
2500-08-06	1/2 x 3/8	3/4 - 16	9/16 - 18	0.391	0.297	1.25	1.18	7/8	3/4	5,000
2500-08-08	1/2	3/4 - 16	3/4 - 16	0.391	0.391	1.25	1.25	7/8	3/4	5,000
2500-10-08	5/8 x 1/2	7/8 - 14	3/4 - 16	0.484	0.391	1.45	1.33	15/16	-	5,000
2500-10-10	5/8	7/8 - 14	7/8 - 14	0.484	0.484	1.45	1.45	15/16	7/8	5,000
2500-12-10	3/4 x 5/8	1 1/8 - 12	7/8 - 14	0.609	0.484	1.66	1.54	1 1/8	-	4,000
2500-12-12	3/4	1 1/8 - 12	1 1/8 - 12	0.609	0.609	1.66	1.66	1 1/8	1 5/16	4,000
2500-14-14	7/8	1 3/16 - 12	1 3/16 - 12	0.718	0.718	1.73	1.73	1 1/4	-	3,500
2500-16-16	1"	1 5/16 - 12	1 5/16 - 12	0.844	0.844	1.81	1.81	1 3/8	1 5/16	3,500
2500-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1.078	1.078	2.06	2.06	1 3/4	-	3,000
2500-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	1.312	1.312	2.33	2.33	2"	-	2,000
2500-32-32	2"	2 1/2 - 12	2 1/2 - 12	1.781	1.781	3.06	3.06	2 5/8	J16-J4	1,250

Safety Factor 4:1

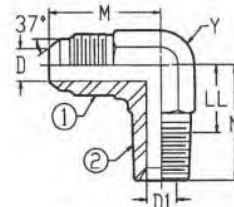
Forged

2501

SAE 070202
Ref. Aeroquip 2024
Ref. Parker CTX



2501 (Bar Stock)



2501-4 (Forged)

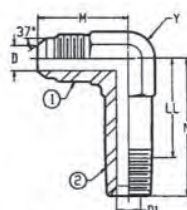
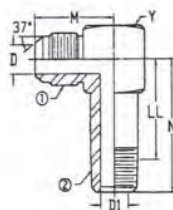
37° JIC
2403 - 2850

Male Elbow - Male JIC x Male Pipe										Forged		Operating Pressure
2501-①-② (-4 if forged) ①-MJ ②-MP	Tube O.D.	① Male JIC	② Male NPTF	D Drill	D1 Drill	LL Assembled	M Length	N Length	Y Square	Y Wrench Flats		
2501-02-02	1/8	5/16 - 24	1/8 - 27	0.062	0.188	0.49	0.77	0.72	7/16	5/16	5,000	
2501-03-02	3/16	3/8 - 24	1/8 - 27	0.125	0.188	0.49	0.83	0.72	1/2	3/8	5,000	
2501-04-02	1/4	7/16 - 20	1/8 - 27	0.172	0.188	0.55	0.89	0.78	1/2	7/16	5,000	
2501-04-04	1/4	7/16 - 20	1/4 - 18	0.172	0.281	0.75	1.05	1.09	5/8	9/16	5,000	
2501-04-06	1/4	7/16 - 20	3/8 - 18	0.172	0.406	0.87	1.13	1.22	3/4	3/4	5,000	
2501-04-08	1/4	7/16 - 20	1/2 - 14	0.172	0.531	0.97	1.23	1.44	7/8	7/8	5,000	
2501-05-02	5/16	1/2 - 20	1/8 - 27	0.234	0.188	0.55	0.95	0.78	5/8	9/16	5,000	
2501-05-04	5/16	1/2 - 20	1/4 - 18	0.234	0.281	0.75	1.05	1.09	5/8	9/16	5,000	
2501-05-06	5/16	1/2 - 20	3/8 - 18	0.234	0.406	0.87	1.08	1.22	3/4	3/4	5,000	
2501-06-02	3/8	9/16 - 18	1/8 - 27	0.297	0.188	0.67	1.06	0.90	5/8	9/16	5,000	
2501-06-04	3/8	9/16 - 18	1/4 - 18	0.297	0.281	0.75	1.08	1.09	5/8	9/16	5,000	
2501-06-06	3/8	9/16 - 18	3/8 - 18	0.297	0.406	0.87	1.14	1.22	3/4	3/4	5,000	
2501-06-08	3/8	9/16 - 18	1/2 - 14	0.297	0.531	1.01	1.22	1.47	7/8	7/8	5,000	
2501-06-12	3/8	9/16 - 18	3/4 - 14	0.297	0.719	1.11	1.31	1.59	1 1/8	-	4,000	
2501-08-04	1/2	3/4 - 16	1/4 - 18	0.391	0.281	0.88	1.25	1.22	13/16	3/4	5,000	
2501-08-06	1/2	3/4 - 16	3/8 - 18	0.391	0.406	0.87	1.25	1.22	13/16	3/4	5,000	
2501-08-08	1/2	3/4 - 16	1/2 - 14	0.391	0.531	1.01	1.33	1.47	7/8	7/8	5,000	
2501-08-12	1/2	3/4 - 16	3/4 - 14	0.391	0.719	1.11	1.42	1.59	1 1/8	1 1/16	4,000	
2501-10-06	5/8	7/8 - 14	3/8 - 18	0.484	0.406	0.93	1.45	1.28	15/16	7/8	5,000	
2501-10-08	5/8	7/8 - 14	1/2 - 14	0.484	0.531	1.01	1.45	1.47	15/16	7/8	5,000	
2501-10-12	5/8	7/8 - 14	3/4 - 14	0.484	0.719	1.11	1.53	1.59	1 1/8	1 1/16	4,000	
2501-12-06	3/4	1 1/16 - 12	3/8 - 18	0.609	0.406	1.24	1.66	1.59	1 1/8	-	4,000	
2501-12-08	3/4	1 1/16 - 12	1/2 - 14	0.609	0.531	1.13	1.66	1.59	1 1/8	1 1/16	4,000	
2501-12-12	3/4	1 1/16 - 12	3/4 - 14	0.609	0.719	1.11	1.66	1.59	1 1/8	1 1/16	4,000	
2501-12-16	3/4	1 1/16 - 12	1 - 11 1/2	0.609	0.938	1.39	1.76	1.97	1 3/8	-	3,000	
2501-12-20-4 Ⓢ Forged Only	3/4	1 1/16 - 12	1 1/4 - 11 1/2	0.609	1.250	1.79	1.66	2.38	-	1 5/8	3,000	
2501-14-12	7/8	1 3/16 - 12	3/4 - 14	0.718	0.719	1.21	1.80	1.69	1 1/4	1 5/16	3,500	
2501-16-12	1"	1 5/16 - 12	3/4 - 14	0.844	0.719	1.30	1.81	1.78	1 3/8	1 5/16	3,500	
2501-16-16	1"	1 5/16 - 12	1 - 11 1/2	0.844	0.938	1.40	1.81	1.97	1 3/8	1 5/16	3,000	
2501-16-20-4 Ⓢ Forged Only	1"	1 5/16 - 12	1 1/4 - 11 1/2	0.844	1.250	1.79	1.81	2.38	-	1 5/8	3,000	
2501-20-16	1 1/4	1 5/8 - 12	1 - 11 1/2	1.078	0.938	1.49	2.06	2.06	1 3/4	1 5/8	3,000	
2501-20-20	1 1/4	1 5/8 - 12	1 1/4 - 11 1/2	1.078	1.250	1.79	2.06	2.38	1 3/4	1 5/8	2,500	
2501-20-24	1 1/4	1 5/8 - 12	1 1/2 - 11 1/2	1.312	1.250	1.66	2.33	2.25	2"	-	2,000	
2501-24-20	1 1/2	1 7/8 - 12	1 1/4 - 11 1/2	1.312	1.250	1.66	2.33	2.25	2"	-	2,000	
2501-24-24	1 1/2	1 7/8 - 12	1 1/2 - 11 1/2	1.312	1.500	2.05	2.33	2.64	2"	1 7/8	2,000	
2501-24-32	1 1/2	1 7/8 - 12	2 - 11 1/2	1.312	1.938	2.39	2.81	3.00	2 1/2	-	2,000	
2501-32-24	2"	2 1/2 - 12	1 1/2 - 11 1/2	1.781	1.938	2.38	3.06	2.97	2 5/8	-	1,250	
2501-32-32	2"	2 1/2 - 12	2 - 11 1/2	1.781	1.938	2.39	3.06	3.00	2 5/8	2 1/2	1,250	

Safety Factor 4:1

2501LLL

SAE J514
Extra Length
not SAE specified.



2501LLL (Bar Stock)

2501LLL-4 (Forged)

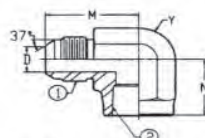
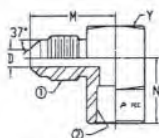
37° JIC
2403 - 2650

Male Elbow Double Extra Long										Forged	Operating Pressure
2501LLL-①-② (-4 if forged)	Tube	①	②	D	D1	LL	M	N	Y	Y	
①-MJ ②-MP	O.D.	Male JIC	Male NPTF	Drill	Drill	Assembled	Length	Length	Square	Wrench Flats	
2501LLL-04-02	1/4	7/16 - 20	1/8 - 27	0.172	0.188	2.08	0.89	2.31	1/2	-	5,000
2501LLL-06-04	3/8	9/16 - 18	1/4 - 18	0.297	0.281	2.72	1.06	3.06	5/8	-	5,000
2501LLL-06-06	3/8	9/16 - 18	3/8 - 18	0.297	0.406	3.22	1.14	3.57	13/16	-	5,000
2501LLL-08-06	1/2	3/4 - 16	3/8 - 18	0.391	0.406	3.40	1.25	3.75	13/16	3/4	5,000
2501LLL-10-08	5/8	7/8 - 14	1/2 - 14	0.484	0.531	4.04	1.45	4.50	15/16	-	5,000
2501LLL-12-12	3/4	1 1/16 - 12	3/4 - 14	0.609	0.719	4.55	1.66	5.03	1 1/8	-	4,000
Safety Factor 4:1											

Safety Factor 4:1

2502

SAE 070203
Ref. Aeroquip 2025
Ref. Parker DTX

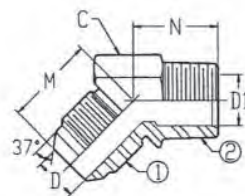


2502 (Bar Stock)

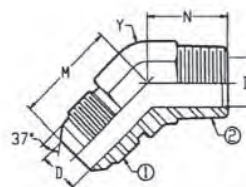
2502-4 (Forged)

Female Elbow - Male JIC x Female Pipe								Forged	Operating Pressure
2502-①-② ①-MJ ②-FP	Tube O.D.	① Male JIC	② Female NPTF	D Drill	M Length	N Length	Y Square	Y Wrench Flats	
2502-02-02	1/8	5/16 - 24	1/8 - 27	0.062	1.00	0.66	5/8	9/16	5,000
2502-03-02	3/16	3/8 - 24	1/8 - 27	0.125	1.03	0.66	5/8	9/16	5,000
2502-04-02	1/4	7/16 - 20	1/8 - 27	0.172	1.08	0.66	5/8	9/16	5,000
2502-04-04	1/4	7/16 - 20	1/4 - 18	0.172	1.22	0.88	3/4	3/4	4,500
2502-04-06	1/4	7/16 - 20	3/8 - 18	0.172	1.31	1.02	7/8	7/8	3,500
2502-05-02	5/16	1/2 - 20	1/8 - 27	0.234	1.08	0.66	5/8	9/16	5,000
2502-05-04	5/16	1/2 - 20	1/4 - 18	0.234	1.22	0.88	3/4	3/4	4,500
2502-06-02	3/8	9/16 - 18	1/8 - 27	0.297	1.23	0.67	5/8	3/4	5,000
2502-06-04	3/8	9/16 - 18	1/4 - 18	0.297	1.23	0.88	3/4	3/4	4,500
2502-06-06	3/8	9/16 - 18	3/8 - 18	0.297	1.31	1.02	7/8	7/8	3,500
2502-06-08	3/8	9/16 - 18	1/2 - 14	0.297	1.44	1.23	1 1/8	1 1/16	3,000
2502-08-04	1/2	3/4 - 16	1/4 - 18	0.391	1.42	1.01	13/16	7/8	4,500
2502-08-06	1/2	3/4 - 16	3/8 - 18	0.391	1.42	1.02	7/8	7/8	3,500
2502-08-08	1/2	3/4 - 16	1/2 - 14	0.391	1.52	1.23	1 1/8	1 1/16	3,500
2502-10-06	5/8	7/8 - 14	3/8 - 18	0.484	1.64	1.01	1"	-	3,500
2502-10-08	5/8	7/8 - 14	1/2 - 14	0.484	1.64	1.23	1 1/8	1 1/16	3,500
2502-12-08	3/4	1 1/16 - 12	1/2 - 14	0.609	1.89	1.35	1 1/8	1 5/16	3,500
2502-12-12	3/4	1 1/16 - 12	3/4 - 14	0.609	1.89	1.36	1 3/8	1 5/16	3,000
2502-14-12	7/8	1 3/16 - 12	3/4 - 14	0.719	1.86	1.42	1 3/8	-	3,000
2502-16-16	1"	1 5/16 - 12	1 - 1 1/2	0.844	2.17	1.63	1 5/8	1 5/8	2,500
2502-20-20	1 1/4	1 5/8 - 12	1 1/4 - 1 1/2	1.078	2.33	1.70	2"	-	2,000
2502-24-24	1 1/2	1 7/8 - 12	1 1/2 - 1 1/2	1.312	2.89	2.08	2 3/8	-	1,500
2502-32-32	2"	2 1/2 - 12	2 - 1 1/2	1.781	3.30	2.39	2 7/8	-	1,250

Safety Factor 4:1



2503 (Bar Stock)



2503-4 (Forged)

2503

SAE 070302

Ref. Aeroquip 2023
Ref. Parker VTX

Male Elbow - Male JIC x Male Pipe										
2503-①-② ①-MJ ②-MP	Tube O.D.	① Male JIC	② Male NPTF	C Hex	D Drill	D1 Drill	M Length	N Length	Y Wrench Flats	Operating Pressure
2503-02-02	1/8	5/16 - 24	1/8 - 27	7/16 Sq.	0.062	0.188	0.69	0.53	-	5,000
2503-03-02	3/16	3/8 - 24	1/8 - 27	7/16	0.125	0.188	0.69	0.53	7/16	5,000
2503-04-02	1/4	7/16 - 20	1/8 - 27	1/2	0.172	0.188	0.72	0.64	7/16	5,000
2503-04-04	1/4	7/16 - 20	1/4 - 18	9/16	0.172	0.281	0.82	0.86	9/16	5,000
2503-04-06	1/4	7/16 - 20	3/8 - 18	7/8	0.172	0.406	0.87	0.95	3/4	5,000
2503-04-08-4 Forged Only	1/4	7/16 - 20	1/2 - 14	-	0.172	0.531	0.87	1.17	7/8	5,000
2503-05-02	5/16	1/2 - 20	1/8 - 27	5/8	0.234	0.188	0.77	0.64	9/16	5,000
2503-05-04	5/16	1/2 - 20	1/4 - 18	5/8	0.234	0.281	0.82	0.86	9/16	5,000
2503-06-02	3/8	9/16 - 18	1/8 - 27	13/16	0.297	0.188	0.83	0.67	9/16	5,000
2503-06-04	3/8	9/16 - 18	1/4 - 18	5/8 Sq.	0.297	0.281	0.83	0.86	9/16	5,000
2503-06-06	3/8	9/16 - 18	3/8 - 18	3/4	0.297	0.406	0.87	0.95	3/4	5,000
2503-06-08	3/8	9/16 - 18	1/2 - 14	1"	0.297	0.531	1.06	1.17	7/8	5,000
2503-08-04	1/2	3/4 - 16	1/4 - 18	13/16 Sq.	0.391	0.281	0.98	0.95	3/4	5,000
2503-08-06	1/2	3/4 - 16	3/8 - 18	13/16	0.391	0.406	0.98	0.95	3/4	5,000
2503-08-08	1/2	3/4 - 16	1/2 - 14	7/8	0.391	0.531	0.99	1.17	7/8	5,000
2503-08-12	1/2	3/4 - 16	3/4 - 14	1 1/8	0.391	0.719	1.04	1.20	1 1/16	5,000
2503-10-06	5/8	7/8 - 14	3/8 - 18	15/16	0.484	0.406	1.11	0.98	7/8	5,000
2503-10-08	5/8	7/8 - 14	1/2 - 14	15/16	0.484	0.531	1.11	1.17	7/8	5,000
2503-10-12	5/8	7/8 - 14	3/4 - 14	1 1/8 Sq.	0.484	0.719	1.28	1.20	1 1/16	4,000
2503-12-08	3/4	1 1/16 - 12	1/2 - 14	1 1/8	0.609	0.531	1.28	1.20	1 1/16	4,000
2503-12-12	3/4	1 1/16 - 12	3/4 - 14	1 1/8	0.609	0.719	1.28	1.20	1 1/16	4,000
2503-12-16	3/4	1 1/16 - 12	1 - 11 1/2	1 3/8 Sq.	0.609	0.938	1.42	1.48	1 5/16	3,000
2503-14-12	7/8	1 3/16 - 12	3/4 - 14	1 1/4	0.718	0.719	1.39	1.27	1 5/16	3,500
2503-16-08-4 Forged Only	1"	1 5/16 - 12	1/2 - 14	-	0.844	0.531	1.47	1.29	1 5/16	3,500
2503-16-12	1"	1 5/16 - 12	3/4 - 14	1 3/8	0.844	0.719	1.47	1.29	1 5/16	3,500
2503-16-16	1"	1 5/16 - 12	1 - 11 1/2	1 3/8	0.844	0.938	1.47	1.48	1 5/16	3,000
2503-20-16	1 1/4	1 5/8 - 12	1 - 11 1/2	1 3/4	1.078	0.938	1.59	1.64	-	3,000
2503-20-20	1 1/4	1 5/8 - 12	1 1/4 - 11 1/2	1 3/4	1.078	1.250	1.59	1.67	-	2,500
2503-24-20	1 1/2	1 7/8 - 12	1 1/4 - 11 1/2	2"	1.312	1.250	1.78	1.74	-	2,000
2503-24-24	1 1/2	1 7/8 - 12	1 1/2 - 11 1/2	2"	1.312	1.500	1.78	1.77	-	2,000
2503-32-32	2"	2 1/2 - 12	2 - 11 1/2	2 5/8	1.781	1.938	2.22	2.11	-	1,250

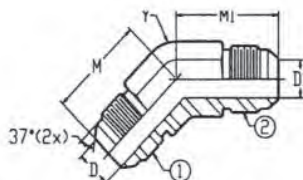
① May also be 1/2" hex.

Safety Factor 4:1

37° JIC
2403 - 2650

Our steel fittings and adapters are certified to withstand salt spray tests well over SAE standards.

2504



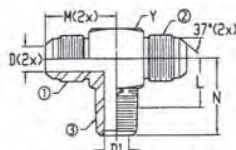
37° JIC
2403 - 2650

Union Elbow (Forged Only)								Forged	Operating
2504-①-②-4	Tube	①	②	D	D1	M	M1	Y	Pressure
①-MJ ②-MJ	O.D.	Male JIC	Male JIC	Drill	Drill	Length	Length	Wrench Flats	
2504-03-03-4	3/16	3/8 - 24	3/8 - 24	0.125	0.125	0.69	0.69	7/16	5,000
2504-04-04-4	1/4	7/16 - 20	7/16 - 20	0.172	0.172	0.72	0.72	7/16	5,000
2504-06-04-4	3/8	9/16 - 18	7/16 - 20	0.297	0.172	0.83	0.72	9/16	5,000
2504-06-06-4	3/8	9/16 - 18	9/16 - 18	0.297	0.297	0.83	0.83	9/16	5,000
2504-08-08-4	1/2	3/4 - 16	3/4 - 16	0.391	0.391	0.98	0.98	3/4	5,000
2504-10-10-4	5/8	7/8 - 14	7/8 - 14	0.484	0.484	1.11	1.11	7/8	5,000
2504-12-12-4	3/4	1 1/16 - 12	1 1/16 - 12	0.609	0.609	1.28	1.28	1 1/16	4,000
2504-16-16-4	1"	1 5/16 - 12	1 5/16 - 12	0.844	0.844	1.47	1.47	1 5/16	3,500

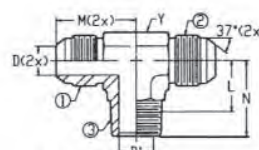
Safety Factor 4:1

2601

SAE 070425
Ref. Aeroquip 2030
Ref. Parker STX



2601 (Bar Stock)



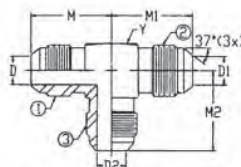
2601-4 (Forged)

Male Branch Tee										Forged	Operating
2601-①-②-③(-4 if forged)	Tube	①②	③	D	D1	L	M	N	Y	Y	Pressure
①-MJ ②-MJ ③-MP	O.D.	Male JIC	Male NPTF	Drill	Drill	Assembled	Length	Length	Square	Wrench Flats	
2601-02-02-02	1/8	5/16 - 24	1/8 - 27	0.062	0.188	0.49	0.77	0.72	7/16	-	5,000
2601-03-03-02	3/16	3/8 - 24	1/8 - 27	0.125	0.188	0.49	0.83	0.72	7/16	7/16	5,000
2601-04-04-02	1/4	7/16 - 20	1/8 - 27	0.172	0.188	0.55	0.89	0.78	1/2	7/16	5,000
2601-04-04-04	1/4	7/16 - 20	1/4 - 18	0.172	0.281	0.75	1.05	1.09	5/8	9/16	5,000
2601-04-04-06-4 ⚙ Forged Only	1/4	7/16 - 20	3/8 - 18	0.172	0.406	0.74	1.13	1.09	-	3/4	5,000
2601-05-05-02	5/16	1/2 - 20	1/8 - 27	0.234	0.188	0.55	0.95	0.78	9/16	9/16	5,000
2601-05-05-04	5/16	1/2 - 20	1/4 - 18	0.234	0.281	0.75	1.05	1.09	5/8	9/16	5,000
2601-06-06-02	3/8	9/16 - 18	1/8 - 27	0.297	0.188	0.67	1.06	0.90	5/8	-	5,000
2601-06-06-04	3/8	9/16 - 18	1/4 - 18	0.297	0.281	0.75	1.06	1.09	5/8	3/4	5,000
2601-06-06-06	3/8	9/16 - 18	3/8 - 18	0.297	0.406	0.87	1.14	1.22	3/4	-	5,000
2601-06-06-08	3/8	9/16 - 18	1/2 - 14	0.297	0.531	1.01	1.22	1.47	15/16	7/8	5,000
2601-08-08-06	1/2	3/4 - 16	3/8 - 18	0.391	0.406	0.87	1.25	1.22	13/16	3/4	5,000
2601-08-08-08	1/2	3/4 - 16	1/2 - 14	0.391	0.531	1.01	1.34	1.47	7/8	7/8	5,000
2601-10-10-06	5/8	7/8 - 14	3/8 - 18	0.484	0.406	0.93	1.45	1.28	15/16	-	5,000
2601-10-10-08	5/8	7/8 - 14	1/2 - 14	0.484	0.531	1.01	1.45	1.47	15/16	7/8	5,000
2601-10-10-12	5/8	7/8 - 14	3/4 - 14	0.484	0.719	1.11	1.54	1.59	1 1/8	-	4,000
2601-12-12-08-4 ⚙ Forged Only	3/4	1 1/16 - 12	1/2 - 14	0.609	0.531	1.13	1.66	1.59	-	1 1/16	4,000
2601-12-12-12	3/4	1 1/16 - 12	3/4 - 14	0.609	0.719	1.11	1.66	1.59	1 1/8	1 1/16	4,000
2601-14-14-12	7/8	1 3/16 - 12	3/4 - 14	0.718	0.719	1.21	1.80	1.21	1 1/4	1 5/16	3,500
2601-16-16-12	1"	1 5/16 - 12	3/4 - 14	0.844	0.719	1.30	1.81	1.78	1 3/8	-	3,500
2601-16-16-16	1"	1 5/16 - 12	1 - 11 1/2	0.844	0.938	1.40	1.81	1.97	1 3/8	1 5/16	3,000
2601-20-20-20	1 1/4	1 5/8 - 12	1 1/4 - 11 1/2	1.078	1.250	1.79	2.06	2.38	1 3/4	-	2,500
2601-24-24-24	1 1/2	1 7/8 - 12	1 1/2 - 11 1/2	1.312	1.500	2.05	2.33	2.64	2"	-	2,000
2601-32-32-32	2"	2 1/2 - 12	2 - 11 1/2	1.781	1.938	2.39	3.06	3.00	2 5/8	-	1,250

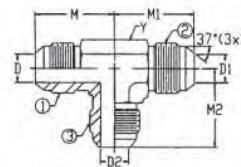
Safety Factor 4:1

2603

SAE 070401
Ref. Aeroquip 2033
Ref. Parker JTX



2603 (Bar Stock)

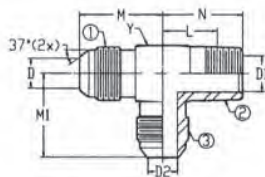


2603-4 (Forged)

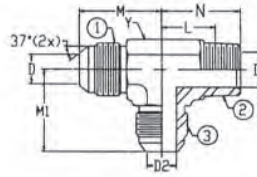
37° JIC
2603 - 2600

Union Tee													Forged	Operating Pressure
2603-①-②-③-④ (4 if forged) ①-MJ ②-MJ ③-MJ	Tube O.D.	① Male JIC	② Male JIC	③ Male JIC	D Drill	D1 Drill	D2 Drill	M Length	M1 Length	M2 Length	Y Square	Y Wrench Flats		
2603-02-02-02	1/8	5/16 - 18	5/16 - 18	5/16 - 18	0.062	0.062	0.062	0.77	0.77	0.77	7/16	-	5,000	
2603-03-03-03	3/16	3/8 - 24	3/8 - 24	3/8 - 24	0.125	0.125	0.125	0.83	0.83	0.83	7/16	7/16	5,000	
2603-04-04-04	1/4	7/16 - 20	7/16 - 20	7/16 - 20	0.172	0.172	0.172	0.89	0.89	0.89	1/2	7/16	5,000	
2603-05-05-05	5/16	1/2 - 20	1/2 - 20	1/2 - 20	0.234	0.234	0.234	0.95	0.95	0.95	9/16	9/16	5,000	
2603-06-06-06	3/8	9/16 - 18	9/16 - 18	9/16 - 18	0.297	0.297	0.297	1.06	1.06	1.06	5/8	9/16	5,000	
2603-06-06-08-4 C Forged Only	3/8 x 1/2	9/16 - 18	9/16 - 18	3/4 - 16	0.297	0.297	0.391	1.18	1.18	1.25	-	3/4	5,000	
2603-06-08-08-4 C Forged Only	3/8 x 1/2	9/16 - 18	3/4 - 16	3/4 - 16	0.297	0.297	0.391	1.18	1.25	1.25	-	3/4	5,000	
2603-08-06-06	1/2 x 3/8	3/4 - 16	9/16 - 18	9/16 - 18	0.391	0.297	0.484	1.25	1.14	1.14	13/16	-	5,000	
2603-08-08-08	1/2	3/4 - 16	3/4 - 16	3/4 - 16	0.391	0.391	0.391	1.25	1.25	1.25	7/8	-	5,000	
2603-08-08-10-4 C Forged Only	1/2 x 5/8	3/4 - 16	3/4 - 16	7/8 - 14	0.391	0.391	0.484	1.33	1.33	1.45	-	7/8	5,000	
2603-10-08-08-4 C Forged Only	5/8 x 1/2	7/8 - 14	3/4 - 16	3/4 - 16	0.484	0.391	0.391	1.45	1.33	1.33	-	7/8	5,000	
2603-10-10-08	5/8 x 1/2	7/8 - 14	7/8 - 14	3/4 - 16	0.484	0.484	0.391	1.45	1.45	1.33	15/16	-	5,000	
2603-10-10-10	5/8	7/8 - 14	7/8 - 14	7/8 - 14	0.484	0.484	0.484	1.45	1.45	1.45	15/16	7/8	5,000	
2603-12-12-08-4 C Forged Only	3/4 x 1/2	1 1/16 - 12	1 1/16 - 12	3/4 - 16	0.609	0.609	0.391	1.66	1.66	1.42	-	1 1/16	4,000	
2603-12-12-10	3/4 x 5/8	1 1/16 - 12	1 1/16 - 12	7/8 - 14	0.609	0.609	0.484	1.66	1.66	1.45	1 1/8	-	4,000	
2603-12-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/16 - 12	0.609	0.609	0.609	1.66	1.66	1.66	1 1/8	1 1/16	4,000	
2603-14-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/16 - 12	0.719	0.719	0.719	1.80	1.80	1.80	1 1/4	1 5/16	3,500	
2603-16-12-12-4 C Forged Only	1 x 3/4	1 5/16 - 12	1 1/16 - 12	1 1/16 - 12	0.844	0.609	0.609	1.81	1.76	1.76	-	1 5/16	3,500	
2603-16-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 5/16 - 12	0.844	0.844	0.844	1.81	1.81	1.81	1 3/8	1 5/16	3,500	
2603-20-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 5/8 - 12	1.078	1.078	1.078	2.06	2.06	2.06	1 3/4	1 5/8	3,000	
2603-24-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	1 7/8 - 12	1.312	1.312	1.312	2.33	2.33	2.33	2"	-	2,000	
2603-32-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 1/2 - 12	1.781	1.781	1.781	3.06	3.06	3.06	2 5/8	-	1,250	
													Safety Factor 4:1	

Safety Factor 4:1



2605 (Bar Stock)



2605-4 (Forged)

2605

SAE 070424

Ref. Aeroquip 2028

Ref. Parker RTX

Male Run Tee														Forged	
2605-①-②-③ (-4 if forged)	Tube	①	②	③	D	D1	D2	L	M	M1	N	Y	Y Wrench	Operating	
①-MJ ②-MP ③-MJ	O.D.	Male JIC	Male NPTF	Male JIC	Drill	Drill	Drill	Assembled	Length	Length	Length	Square	Flats	Pressure	
2605-02-02-02	1/8	5/16 - 24	1/8 - 27	5/16 - 24	0.062	0.188	0.062	0.49	0.77	0.77	0.72	7/16	-	5,000	
2605-03-02-03	3/16	3/8 - 24	1/8 - 27	3/8 - 24	0.125	0.188	0.125	0.49	0.83	0.83	0.72	7/16	7/16	5,000	
2605-04-02-04	1/4	7/16 - 20	1/8 - 27	7/16 - 20	0.172	0.188	0.172	0.55	0.89	0.89	0.78	1/2	7/16	5,000	
2605-04-04-04	1/4	7/16 - 20	1/4 - 18	7/16 - 20	0.172	0.281	0.172	0.75	1.05	1.05	1.09	5/8	9/16	5,000	
2605-05-02-05	5/16	1/2 - 20	1/8 - 27	1/2 - 20	0.234	0.188	0.234	0.55	0.97	0.97	0.81	9/16	9/16	5,000	
2605-06-02-06	3/8	9/16 - 18	1/8 - 27	9/16 - 18	0.297	0.188	0.297	0.67	1.06	1.06	0.90	5/8	-	5,000	
2605-06-04-06	3/8	9/16 - 18	1/4 - 18	9/16 - 18	0.297	0.281	0.297	0.75	1.06	1.06	1.09	5/8	9/16	5,000	
2605-06-06-06	3/8	9/16 - 18	3/8 - 18	9/16 - 18	0.297	0.406	0.297	0.87	1.14	1.14	1.22	3/4	3/4	5,000	
2605-08-06-08	1/2	3/4 - 14	3/8 - 18	3/4 - 14	0.391	0.406	0.391	0.87	1.25	1.25	1.22	7/8	-	5,000	
2605-08-08-06-4 Forged	1/2	3/4 - 16	1/2 - 14	9/16 - 18	0.391	0.531	0.297	1.01	1.33	1.47	1.47	-	7/8	5,000	
2605-08-08-08	1/2	3/4 - 14	1/2 - 14	3/4 - 14	0.391	0.531	0.391	1.01	1.34	1.34	1.47	7/8	-	5,000	
2605-10-08-10	5/8	7/8 - 14	1/2 - 14	7/8 - 14	0.484	0.531	0.484	1.01	1.45	1.45	1.47	15/16	7/8	5,000	
2605-12-12-12	3/4	1 1/16 - 12	3/4 - 14	1 1/16 - 12	0.609	0.719	0.609	1.11	1.66	1.66	1.59	1 1/8	1 1/16	4,000	
2605-14-12-14	7/8	1 3/16 - 12	3/4 - 14	1 3/16 - 12	0.719	0.719	0.719	1.21	1.80	1.80	1.21	1 1/4	1 5/16	3,500	
2605-16-16-16	1"	1 5/16 - 12	1 - 11 1/2	1 5/16 - 12	0.844	0.938	0.844	1.40	1.81	1.81	1.97	1 3/8	1 5/16	3,000	
2605-20-20-20	1 1/4	1 5/8 - 12	1 1/4 - 11 1/2	1 5/8 - 12	1.078	1.250	1.078	1.79	2.06	2.06	2.38	1 3/4	-	2,500	
2605-24-24-24	1 1/2	1 7/8 - 12	1 1/2 - 11 1/2	1 7/8 - 12	1.312	1.500	1.312	2.05	2.33	2.33	2.64	2"	-	2,000	
2605-32-32-32	2"	2 1/2 - 12	2 - 11 1/2	2 1/2 - 12	1.781	1.938	1.781	2.39	3.06	3.06	3.00	2 5/8	-	1,250	

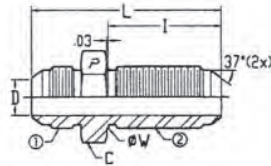
Safety Factor 4:1

37° JIC
2605 - 2650

2700

SAE 070601

Ref. Aeroquip 2041
Ref. Parker WTX



Bulkhead
2700 - 2706

Bulkhead Union

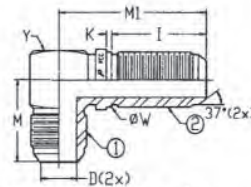
2700-①-② ①-MJ ②-BH	Tube O.D.	① Male JIC	② Bulkhead Male JIC	C Hex	D Drill	I Assembled	L Length	Ø W Diameter	Operating Pressure
2700-03-03	3/16	3/8 - 24	3/8 - 24	5/8	0.125	1.11	1.90	0.38	5,000
2700-04-04	1/4	7/16 - 20	7/16 - 20	11/16	0.172	1.20	2.07	0.44	5,000
2700-05-05	5/16	1/2 - 20	1/2 - 20	3/4	0.234	1.20	2.07	0.50	5,000
2700-06-06	3/8	9/16 - 18	9/16 - 18	13/16	0.297	1.28	2.18	0.56	5,000
2700-08-08	1/2	3/4 - 16	3/4 - 16	1"	0.391	1.44	2.44	0.75	5,000
2700-10-10	5/8	7/8 - 14	7/8 - 14	1 1/8	0.484	1.58	2.74	0.88	5,000
2700-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 3/8	0.609	1.75	3.09	1.06	5,000
2700-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 1/2	0.719	1.20	3.12	1.19	4,000
2700-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 5/8	0.844	1.75	3.14	1.31	4,000
2700-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 7/8	1.078	1.80	3.31	1.63	3,000
2700-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/8	1.312	1.81	3.52	1.88	2,000
2700-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 3/4	1.781	2.09	4.20	2.50	1,500

Safety Factor 4:1

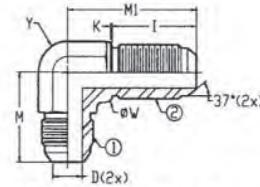
2701

SAE 070701

Ref. Aeroquip 2043
Ref. Parker WETX



2701 (Bar Stock)

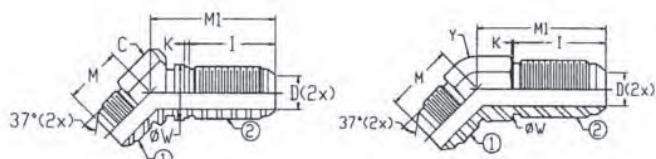


2701-4 (Forged)

Bulkhead Union Elbow

2701-①-②(-4 if forged) ①-MJ ②-BH	Tube O.D.	① Male JIC	② Bulkhead Male JIC	D Drill	I Assembled	K Thick	M Length	M1 Length	Ø W Diameter	Y Square	Y Wrench Flats	Operating Pressure
2701-03-03-4 Ⓢ Forged Only	3/16	3/8 - 24	3/8 - 24	0.125	1.25	0.03	0.94	1.50	0.38	-	7/16	5,000
2701-04-04	1/4	7/16 - 20	7/16 - 20	0.172	1.02	0.09	0.97	1.59	0.44	1/2	7/16	5,000
2701-05-05	5/16	1/2 - 20	1/2 - 20	0.234	1.02	0.09	1.06	1.72	0.50	9/16	9/16	5,000
2701-06-06	3/8	9/16 - 18	9/16 - 18	0.297	1.09	0.09	1.09	1.81	0.56	5/8	9/16	5,000
2701-08-08	1/2	3/4 - 16	3/4 - 16	0.391	1.25	0.13	1.36	2.11	0.75	7/8	3/4	5,000
2701-10-10	5/8	7/8 - 14	7/8 - 14	0.484	1.39	0.13	1.56	2.39	0.88	15/16	7/8	5,000
2701-12-12	3/4	1 1/16 - 12	1 1/16 - 12	0.609	1.56	0.13	1.78	2.67	1.06	1 1/8	1 1/16	4,000
2701-16-16	1"	1 5/16 - 12	1 5/16 - 12	0.844	1.56	0.13	1.94	2.80	1.31	1 3/8	1 5/16	3,500
2701-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1.078	1.61	0.13	2.17	3.12	1.63	1 3/4	1 5/8	3,000
2701-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	1.312	1.62	0.13	2.34	3.42	1.88	2"	-	2,000

Safety Factor 4:1



2702 (Bar Stock)

2702-4 (Forged)

2702

SAE 070801

Ref. Aeroquip 2042

Ref. Parker WNTX

Bulkhead Union Elbow											Forged	
2702-①-②(-4 if forged)	Tube	①	② Bulkhead	C	D	I	K	M	M1	Ø W	Y	Operating
①-MJ ②-BH	O.D.	Male JIC	Male JIC	Hex	Drill	Assembled	Thick	Length	Length	Diameter	Wrench Flats	Pressure
2702-03-03	3/16	3/8 - 24	3/8 - 24	7/16	0.125	1.01	0.09	0.69	1.42	0.38	7/16	5,000
2702-04-04	1/4	7/16 - 20	7/16 - 20	1/2	0.172	1.02	0.09	0.72	1.53	0.44	7/16	5,000
2702-05-05	5/16	1/2 - 20	1/2 - 20	9/16 Sq.	0.234	1.02	0.09	0.77	1.66	0.50	9/16	5,000
2702-06-06	3/8	9/16 - 18	9/16 - 18	5/8	0.297	1.09	0.09	0.83	1.67	0.56	9/16	5,000
2702-08-08	1/2	3/4 - 16	3/4 - 16	13/16	0.391	1.25	0.13	0.98	1.94	0.75	3/4	5,000
2702-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	1.39	0.13	1.11	2.17	0.88	7/8	5,000
2702-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/8	0.609	1.56	0.13	1.28	2.44	1.06	1 1/16	4,000
2702-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 3/8	0.844	1.56	0.13	1.47	2.56	1.31	1 5/16	3,500
2702-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 3/4 Sq	1.078	1.61	0.13	1.59	2.65	1.63	1 5/8	3,000
Safety Factor 4:1												

Safety Factor 4:1

Bulkhead
2700 - 2706



All of our bulkhead fittings are available with the locknut #306, assembled on the body. Just add an 'LN' suffix to the series number (part number example: 2700LN-12-12).



306

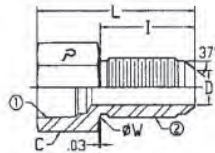
SAE 070118

Ref. Aeroquip 210212

Ref. Parker WLN

Bulkhead Locknut				
306-①	Tube	①	C	T
Part No.	O.D.	Tube Thread	Hex	Thickness
306-02	1/8	5/16 - 24	9/16	0.22
306-03	3/16	3/8 - 24	5/8	0.22
306-04	1/4	7/16 - 20	11/16	0.25
306-05	5/16	1/2 - 20	3/4	0.25
306-06	3/8	9/16 - 18	13/16	0.27
306-08	1/2	3/4 - 16	1"	0.31
306-10	5/8	7/8 - 14	1 1/8	0.36
306-12	3/4	1 1/16 - 12	1 3/8	0.41
306-14	7/8	1 3/16 - 12	1 1/2	0.41
306-16	1"	1 5/16 - 12	1 5/8	0.41
306-20 ①	1 1/4	1 5/8 - 12	1 7/8	0.41
306-24 ①	1 1/2	1 7/8 - 12	2 1/8	0.41
306-32 ①	2"	2 1/2 - 12	2 3/4	0.41

① Adjustable and Bulkhead Locknuts are identical according to SAE for sizes larger than 1".



2705

SAE J514

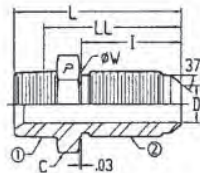
Ref. Aeroquip 2239
Ref. Parker WGTX

Female Bulkhead Connector - Female Pipe x Male JIC Bulkhead

2705-①-② ①-FP ②-BH	Tube O.D.	① Female NPTF	② Bulkhead Male JIC	C Hex	D Drill	I Assembled	L Length	Ø W Diameter	Operating Pressure
2705-02-04	1/4	1/8 - 27	7/16 - 20	11/16	0.172	1.20	1.84	0.44	5,000
2705-04-04	1/4	1/4 - 18	7/16 - 20	3/4	0.172	1.20	2.00	0.44	5,000
2705-04-06	3/8	1/4 - 18	9/16 - 18	13/16	0.297	1.28	2.12	0.56	5,000
2705-06-06	3/8	3/8 - 18	9/16 - 18	7/8	0.297	1.28	2.17	0.56	4,000
2705-06-08	1/2	3/8 - 18	3/4 - 16	1"	0.391	1.44	2.34	0.75	4,000
2705-08-08	1/2	1/2 - 14	3/4 - 16	1 1/8	0.391	1.44	2.59	0.75	3,500
2705-08-10	5/8	1/2 - 14	7/8 - 14	1 1/8	0.484	1.58	2.62	0.88	3,500
2705-12-12	3/4	3/4 - 14	1 1/16 - 12	1 3/8	0.609	1.75	2.92	1.06	3,000
2705-12-14	7/8	3/4 - 14	1 3/16 - 12	1 3/8	0.719	1.75	2.92	1.19	2,500
2705-16-16	1"	1 - 11 1/2	1 5/16 - 12	1 5/8	0.844	1.75	3.08	1.31	2,500
2705-20-20	1 1/4	1 1/4 - 11 1/2	1 5/8 - 12	2"	1.078	1.80	3.22	1.63	2,000
2705-24-24	1 1/2	1 1/2 - 11 1/2	1 7/8 - 12	2 3/8	1.312	1.81	3.33	1.88	1,500

Safety Factor 4:1

Bulkhead
2700 - 2706



2706

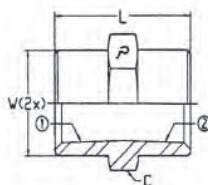
SAE J514

Ref. Aeroquip 2240
Ref. Parker WFTX

Male Bulkhead Connector - Male Pipe x Male JIC Bulkhead

2706-①-② ①-MP ②-BH	Tube O.D.	① Male NPTF	② Bulkhead Male JIC	C Hex	D Drill	I Assembled	L Length	LL Length	Ø W Diameter	Operating Pressure
2706-02-04	1/4	1/8 - 27	7/16 - 20	11/16	0.172	1.20	1.80	1.57	0.44	5,000
2706-04-04	1/4	1/4 - 18	7/16 - 20	11/16	0.172	1.20	2.03	1.69	0.44	5,000
2706-04-06	3/8	1/4 - 18	9/16 - 18	13/16	0.297	1.28	2.13	1.69	0.56	5,000
2706-06-06	3/8	3/8 - 18	9/16 - 18	13/16	0.297	1.28	2.12	1.77	0.56	5,000
2706-06-08	1/2	3/8 - 18	3/4 - 16	1"	0.391	1.44	2.36	2.01	0.75	5,000
2706-08-08	1/2	1/2 - 14	3/4 - 16	1"	0.391	1.44	2.53	2.07	0.75	5,000
2706-08-10	5/8	1/2 - 14	7/8 - 14	1 1/8	0.484	1.58	2.72	2.26	0.88	5,000
2706-12-12	3/4	3/4 - 14	1 1/16 - 12	1 3/8	0.609	1.75	2.93	2.45	1.06	4,000
2706-16-16	1"	1 - 11 1/2	1 5/16 - 12	1 5/8	0.844	1.75	3.11	2.54	1.31	3,000
2706-20-20	1 1/4	1 1/4 - 11 1/2	1 5/8 - 12	1 7/8	1.078	1.80	3.26	2.67	1.63	2,500

Safety Factor 4:1



5000

SAE 140138

Ref. Aeroquip 2096

Ref. Parker GG

Pipe Coupling

5000-①-② ①-FP ②-FP	① Female NPTF	② Female NPTF	C Hex	L Length	W Diameter	Operating Pressure
5000-02-02	1/8 - 27	1/8 - 27	5/8	0.75	0.625	6,000
5000-04-02	1/4 - 18	1/8 - 27	3/4	1.13	0.750	6,000
5000-04-04	1/4 - 18	1/4 - 18	3/4	1.13	0.750	6,000
5000-06-02	3/8 - 18	1/8 - 27	7/8	1.13	0.875	6,000
5000-06-04	3/8 - 18	1/4 - 18	7/8	1.13	0.875	6,000
5000-06-06	3/8 - 18	3/8 - 18	7/8	1.13	0.875	6,000
5000-08-04	1/2 - 14	1/4 - 18	1 1/8	1.40	1.125	5,000
5000-08-06	1/2 - 14	3/8 - 18	1 1/8	1.50	1.125	5,000
5000-08-08	1/2 - 14	1/2 - 14	1 1/8	1.50	1.125	5,000
5000-12-04 ❶	3/4 - 14	1/4 - 18	1 3/8	1.40	1.375	4,000
5000-12-06	3/4 - 14	3/8 - 18	1 3/8	1.53	1.375	4,000
5000-12-08	3/4 - 14	1/2 - 14	1 3/8	1.53	1.375	4,000
5000-12-12	3/4 - 14	3/4 - 14	1 3/8	1.53	1.375	4,000
5000-16-08	1 - 11 1/2	1/2 - 14	1 5/8	1.89	1.625	3,000
5000-16-12	1 - 11 1/2	3/4 - 14	1 5/8	1.89	1.625	3,000
5000-16-16	1 - 11 1/2	1 - 11 1/2	1 5/8	1.89	1.625	3,000
5000-20-16	1 1/4 - 11 1/2	1 - 11 1/2	2"	1.93	2.000	2,500
5000-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	2"	1.93	2.000	2,500
5000-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2 3/8	1.93	2.375	2,000
5000-32-32	2 - 11 1/2	2 - 11 1/2	2 7/8	1.96	2.875	1,500

❶ The W dimension on the 1/4" side of part number 5000-12-04 is 0.750".

Safety Factor 4:1

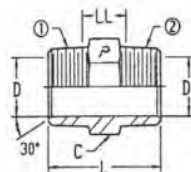
Pipe Fittings
5000 - 5702

Pipe Pointers

- Since **pipe threads crush** to create a seal, they should be limited to one use unless the application is low pressure.
- To prevent **system contamination** avoid placing sealant on the first two threads.
- We recommend **anaerobic pipe sealant** for the best pipe seal.
- **Teflon™ tape** should be wrapped around the threads a maximum of two times.

5404

SAE 140137
Ref. Aeroquip 2083
Ref. Parker FF



Pipe Fittings
5000 - 5702

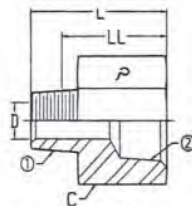
Hex Pipe Nipple

5404-①-② ①-MP ②-MP	① Male NPTF	② Male NPTF	C Hex	D Drill	D1 Drill	L Length	LL Assembled	Operating Pressure
5404-02-02	1/8 - 27	1/8 - 27	7/16	0.188	0.188	1.06	0.59	6,000
5404-04-02	1/4 - 18	1/8 - 27	9/16 ②	0.188	0.188	1.26	0.68	6,000
5404-04-04	1/4 - 18	1/4 - 18	9/16 ②	0.281	0.281	1.45	0.77	6,000
5404-04-04X①	1/4 - 18	1/4 - 18	9/16 ②	0.281	0.281	1.45	0.77	6,000
5404-06-02	3/8 - 18	1/8 - 27	3/4	0.188	0.188	1.26	0.87	6,000
5404-06-04	3/8 - 18	1/4 - 18	3/4	0.281	0.281	1.45	0.76	6,000
5404-06-04X①	3/8 - 18	1/4 - 18	3/4	0.281	0.281	1.45	0.76	6,000
5404-06-06	3/8 - 18	3/8 - 18	3/4	0.406	0.406	1.45	0.75	6,000
5404-06-06X①	3/8 - 18	3/8 - 18	3/4	0.406	0.406	1.45	0.75	6,000
5404-08-04	1/2 - 14	1/4 - 18	7/8	0.281	0.281	1.70	0.90	6,000
5404-08-06	1/2 - 14	3/8 - 18	7/8	0.406	0.406	1.70	0.89	6,000
5404-08-08	1/2 - 14	1/2 - 14	7/8	0.531	0.531	1.89	0.96	6,000
5404-12-02	3/4 - 14	1/8 - 27	1 1/8	0.188	0.188	1.58	0.72	6,000
5404-12-06	3/4 - 14	3/8 - 18	1 1/8	0.406	0.406	1.77	0.94	6,000
5404-12-08	3/4 - 14	1/2 - 14	1 1/8	0.531	0.531	1.96	0.84	6,000
5404-12-12	3/4 - 14	3/4 - 14	1 1/8	0.719	0.719	1.96	0.70	6,000
5404-16-08	1 - 11 1/2	1/2 - 14	1 3/8	0.531	0.531	2.15	1.12	6,000
5404-16-12	1 - 11 1/2	3/4 - 14	1 3/8	0.719	0.719	2.15	1.04	6,000
5404-16-16	1 - 11 1/2	1 - 11 1/2	1 3/8	0.938	0.938	2.34	1.19	6,000
5404-20-12	1 1/4 - 11 1/2	3/4 - 14	1 3/4	0.719	0.719	2.26	1.19	5,000
5404-20-16	1 1/4 - 11 1/2	1 - 11 1/2	1 3/4	0.938	0.938	2.45	1.28	5,000
5404-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1 3/4	1.250	1.250	2.48	1.29	5,000
5404-24-12	1 1/2 - 11 1/2	3/4 - 14	2"	1.500	0.719	2.36	1.29	3,000
5404-24-16①	1 1/2 - 11 1/2	1 - 11 1/2	2"	1.500	0.938	2.55	1.39	3,000
5404-24-20①	1 1/2 - 11 1/2	1 1/4 - 11 1/2	2"	1.500	1.250	2.58	1.40	3,000
5404-24-24①	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2"	1.500	1.500	2.61	1.42	3,000
5404-32-20①	2 - 11 1/2	1 1/4 - 11 1/2	2 1/2	1.938	1.250	2.68	1.48	2,500
5404-32-24①	2 - 11 1/2	1 1/2 - 11 1/2	2 1/2	1.938	1.500	2.79	1.59	2,500
5404-32-32①	2 - 11 1/2	2 - 11 1/2	2 1/2	1.938	1.938	2.82	1.61	2,500

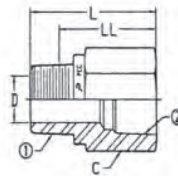
① These part numbers have a 30° chamfer on both male pipes.

② SAE hex size is 5/8"

Safety Factor 4:1



Increase



Extension

5405

SAE 140139

Ref. Aeroquip 2040

Ref. Parker FG

Increase and Extension Connectors

5405-①-② ①-MP ②-FP	① Male NPTF	② Female NPTF	C Hex	D Drill	L Length	LL Assembled	Operating Pressure
Increase Connectors							
5405-02-04	1/8 - 27	1/4 - 18	3/4	0.188	1.21	0.98	6,000
5405-02-06	1/8 - 27	3/8 - 18	7/8	0.188	1.29	1.06	6,000
5405-02-08	1/8 - 27	1/2 - 14	1 1/8	0.188	1.50	1.27	5,000
5405-04-06	1/4 - 18	3/8 - 18	7/8	0.281	1.44	1.10	6,000
5405-04-08	1/4 - 18	1/2 - 14	1 1/8	0.281	1.68	1.34	5,000
5405-04-12	1/4 - 18	3/4 - 14	1 3/8	0.281	1.77	1.43	4,000
5405-06-08	3/8 - 18	1/2 - 14	1 1/8	0.406	1.68	1.33	5,000
5405-06-12	3/8 - 18	3/4 - 14	1 3/8	0.406	1.75	1.40	4,000
5405-08-12	1/2 - 14	3/4 - 14	1 3/8	0.531	1.93	1.47	4,000
5405-08-16	1/2 - 14	1 - 11 1/2	1 5/8	0.531	2.18	1.72	3,000
5405-12-16	3/4 - 14	1 - 11 1/2	1 5/8	0.719	2.18	1.70	3,000
5405-12-20	3/4 - 14	1 1/4 - 11 1/2	2"	0.719	2.32	1.84	2,500
5405-16-20	1 - 11 1/2	1 1/4 - 11 1/2	2"	0.938	2.46	1.89	2,500
5405-16-24	1 - 11 1/2	1 1/2 - 11 1/2	2 3/8	0.938	2.54	1.97	2,000
5405-20-24	1 1/4 - 11 1/2	1 1/2 - 11 1/2	2 3/8	1.250	2.50	1.91	2,000
5405-20-32	1 1/4 - 11 1/2	2 - 11 1/2	2 7/8	1.250	2.65	2.06	1,500
5405-24-32	1 1/2 - 11 1/2	2 - 11 1/2	2 7/8	1.500	2.63	2.04	1,500
Extension Connectors							
5405-02-02	1/8 - 27	1/8 - 27	5/8	0.188	1.04	0.81	6,000
5405-04-02	1/4 - 18	1/8 - 27	5/8	0.281	1.00	0.66	6,000
5405-04-04	1/4 - 18	1/4 - 18	3/4	0.281	1.39	1.05	6,000
5405-06-04	3/8 - 18	1/4 - 18	3/4	0.406	1.25	0.90	6,000
5405-06-06	3/8 - 18	3/8 - 18	7/8	0.406	1.44	1.09	6,000
5405-08-04	1/2 - 14	1/4 - 18	7/8	0.531	1.50	1.04	6,000
5405-08-06	1/2 - 14	3/8 - 18	7/8	0.531	1.69	1.23	6,000
5405-08-08	1/2 - 14	1/2 - 14	1 1/8	0.531	1.87	1.41	5,000
5405-12-06	3/4 - 14	3/8 - 18	1 1/8	0.719	1.51	1.03	5,000
5405-12-08	3/4 - 14	1/2 - 14	1 1/8	0.719	1.57	1.09	5,000
5405-12-12	3/4 - 14	3/4 - 14	1 3/8	0.719	1.93	1.45	4,000
5405-16-08	1 - 11 1/2	1/2 - 14	1 3/8	0.719	1.62	1.05	5,000
5405-16-12	1 - 11 1/2	3/4 - 14	1 3/8	0.938	1.94	1.37	4,000
5405-16-16	1 - 11 1/2	1 - 11 1/2	1 5/8	0.938	2.37	1.80	3,000
5405-20-12	1 1/4 - 11 1/2	3/4 - 14	2"	1.250	1.38	0.79	2,500
5405-20-16	1 1/4 - 11 1/2	1 - 11 1/2	2"	1.156	1.91	1.33	2,500
5405-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	2"	1.250	2.49	1.90	2,500
5405-24-20	1 1/2 - 11 1/2	1 1/4 - 11 1/2	2 3/8	1.500	2.26	1.67	2,000
5405-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2 3/8	1.500	2.53	1.94	2,000
5405-32-32	2 - 11 1/2	2 - 11 1/2	2 7/8	1.938	2.66	2.05	1,500

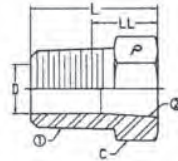
Pipe Fittings
5400 - 5702

Reducer bushings (5406) & (5406E) are on the next two pages.

Safety Factor 4:1

5406

SAE 140140
Ref. Aeroquip 2081
Ref. Parker PTR



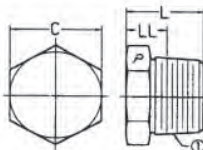
Reducer Bushing							
5406-①-② ①-MP ②-FP	① Male NPTF	② Female NPTF	C Hex	D Drill	L Length	LL Assembled	Operating Pressure
5406-04-02	1/4 - 18	1/8 - 27	5/8	0.188	0.85	0.51	6,000
5406-06-02	3/8 - 18	1/8 - 27	3/4	0.188	0.85	0.50	6,000
5406-06-04	3/8 - 18	1/4 - 18	3/4	0.281	0.85	0.50	6,000
5406-08-02	1/2 - 14	1/8 - 27	7/8	0.188	1.10	0.64	6,000
5406-08-04	1/2 - 14	1/4 - 18	7/8	0.281	1.10	0.64	6,000
5406-08-06	1/2 - 14	3/8 - 18	7/8	0.406	1.10	0.64	6,000
5406-12-02	3/4 - 14	1/8 - 27	1 1/8	0.188	1.17	0.69	6,000
5406-12-04	3/4 - 14	1/4 - 18	1 1/8	0.281	1.17	0.69	6,000
5406-12-06	3/4 - 14	3/8 - 18	1 1/8	0.406	1.17	0.69	5,000
5406-12-08	3/4 - 14	1/2 - 14	1 1/8	0.531	1.17	0.69	4,500
5406-16-04	1 - 11 1/2	1/4 - 18	1 3/8	0.281	1.36	0.79	5,000
5406-16-06	1 - 11 1/2	3/8 - 18	1 3/8	0.406	1.36	0.79	5,000
5406-16-08	1 - 11 1/2	1/2 - 14	1 3/8	0.531	1.36	0.79	5,000
5406-16-12	1 - 11 1/2	3/4 - 14	1 3/8	0.719	1.36	0.79	4,000
5406-20-04	1 1/4 - 11 1/2	1/4 - 18	1 3/4	0.281	1.47	0.88	5,000
5406-20-06	1 1/4 - 11 1/2	3/8 - 18	1 3/4	0.406	1.47	0.88	5,000
5406-20-08	1 1/4 - 11 1/2	1/2 - 14	1 3/4	0.531	1.47	0.88	5,000
5406-20-12	1 1/4 - 11 1/2	3/4 - 14	1 3/4	0.719	1.47	0.88	4,000
5406-20-16	1 1/4 - 11 1/2	1 - 11 1/2	1 3/4	0.938	1.47	0.88	2,500
5406-24-04	1 1/2 - 11 1/2	1/4 - 18	2"	0.281	1.57	0.98	3,000
5406-24-06	1 1/2 - 11 1/2	3/8 - 18	2"	0.406	1.57	0.98	3,000
5406-24-08	1 1/2 - 11 1/2	1/2 - 14	2"	0.531	1.57	0.98	3,000
5406-24-12	1 1/2 - 11 1/2	3/4 - 14	2"	0.719	1.57	0.98	3,000
5406-24-16	1 1/2 - 11 1/2	1 - 11 1/2	2"	0.938	1.57	0.98	3,000
5406-24-20	1 1/2 - 11 1/2	1 1/4 - 11 1/2	2"	1.250	1.57	0.98	2,000
5406-32-06	2 - 11 1/2	3/8 - 18	2 1/2	0.406	1.75	1.14	2,500
5406-32-08	2 - 11 1/2	1/2 - 14	2 1/2	0.531	1.75	1.14	2,500
5406-32-12	2 - 11 1/2	3/4 - 14	2 1/2	0.719	1.75	1.14	2,500
5406-32-16	2 - 11 1/2	1 - 11 1/2	2 1/2	0.938	1.75	1.14	2,500
5406-32-20	2 - 11 1/2	1 1/4 - 11 1/2	2 1/2	1.250	1.75	1.14	2,000
5406-32-24	2 - 11 1/2	1 1/2 - 11 1/2	2 1/2	1.500	1.75	1.14	2,000

Pipe Fittings
5000 - 5702

Safety Factor 4:1

5406P

SAE 130109E
Ref. Aeroquip 2081
Ref. Parker HP



Hex Head Pipe Plug					
Clear Zinc Plating					
5406P-①	①	C	L	LL	Operating Pressure
①-MP	Male PTF	Hex	Length	Assembled	
5406P-01	1/16 - 27	5/16	0.53	0.31	6,000
5406P-02	1/8 - 27	7/16	0.56	0.33	6,000
5406P-04	1/4 - 18	5/8	0.85	0.51	6,000
5406P-06	3/8 - 18	3/4	0.85	0.50	6,000
5406P-08	1/2 - 14	3/4	1.10	0.64	6,000
5406P-12	3/4 - 14	1 1/8	1.17	0.69	6,000
5406P-16	1 - 11 1/2	1 3/8	1.36	0.79	6,000
5406P-20 ①	1 1/4 - 11 1/2	1 3/4	1.47	0.88	5,000
5406P-24 ① ②	1 1/2 - 11 1/2	2"	1.57	0.98	3,000
5406P-32 ① ②	2 - 11 1/2	2 1/2	1.75	1.14	2,500

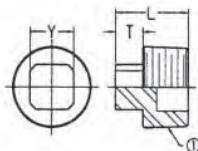
① Yellow Zinc Plating.

② These sizes are counterbored (not pictured).

Safety Factor 4:1

5407

SAE 130109A
Ref. BRN 5406SHP
Ref. Weatherhead C3179

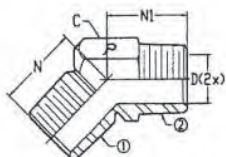


Square Head Pipe Plug					
Clear Zinc Plating					
5407-①	①	L	T	Y	Operating Pressure
①-MP	Male PTF	Length	Thickness	Square	
5407-01	1/16 - 27	0.53	0.19	7/32	6,000
5407-02	1/8 - 27	0.55	0.24	9/32	6,000
5407-04	1/4 - 18	0.76	0.29	3/8	6,000
5407-06	3/8 - 18	0.83	0.33	7/16	6,000
5407-08	1/2 - 14	1.00	0.38	9/16	6,000
5407-12	3/4 - 14	1.10	0.45	5/8	6,000
5407-16	1 - 11 1/2	1.28	0.52	13/16	6,000
5407-20	1 1/4 - 11 1/2	1.42	0.58	15/16	5,000
5407-24	1 1/2 - 11 1/2	1.48	0.63	1-1/8	3,000
5407-32 ①	2 - 11 1/2	1.59	0.70	1-5/16	2,500

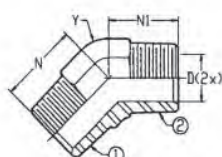
① Non-Standardized dimensions.

Safety Factor 4:1

Our Square Head Pipe Plugs (5407) are counterbored (cored). This creates a better seal by allowing the system pressure to come up into the plug and hold (expand) the plug's threads into the mating threads.



5501 (Bar Stock)



5501-4 (Forged)

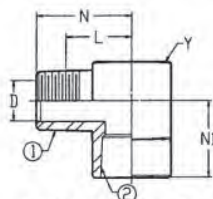
5501

SAE J514

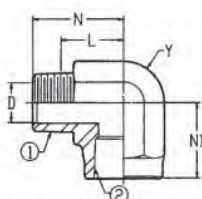
Ref. Aeroquip 2247

Male Pipe Elbow								
5501-①-② (-4 if forged)	①	②	C	D	N	N1	Forged Y	Operating Pressure
①-MP ②-MP	Male NPTF	Male NPTF	Hex	Drill	Length	Length	Wrench Flat	
5501-02-02	1/8 - 27	1/8 - 27	1/2	0.188	0.67	0.58	-	6,000
5501-04-04	1/4 - 18	1/4 - 18	5/8	0.281	0.85	0.86	9/16	6,000
5501-06-06	3/8 - 18	3/8 - 18	13/16	0.406	0.95	0.95	-	6,000
5501-08-08	1/2 - 14	1/2 - 14	15/16	0.531	1.13	1.17	7/8	6,000
5501-12-12	3/4 - 14	3/4 - 14	1 1/8	0.719	1.24	1.09	-	4,000
5501-16-16	1 - 11 1/2	1 - 11 1/2	1 3/8	0.938	1.48	1.48	-	3,000

Safety Factor 4:1



5502 (Bar Stock)



5502-4 (Forged)

5502

SAE 140239

Ref. Aeroquip 2089

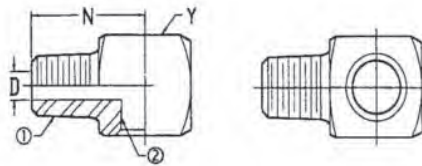
Ref. Parker CD

Street Elbow								
5502-①-② (-4 if forged)	①	②	D	L	N	N1	Y	Forged Y
①-MP ②-FP	Male NPTF	Female NPTF	Drill	Assembled	Length	Length	Square	Wrench Flats
5502-02-02	1/8 - 27	1/8 - 27	0.188	0.55	0.78	0.66	5/8	9/16
5502-02-04	1/8 - 27	1/4 - 18	0.188	0.67	0.90	0.88	3/4	3/4
5502-02-06	1/8 - 27	3/8 - 18	0.188	0.80	1.03	1.02	1"	-
5502-04-02	1/4 - 18	1/8 - 27	0.281	0.75	1.09	0.66	5/8	3/4
5502-04-04	1/4 - 18	1/4 - 18	0.281	0.75	1.09	0.88	3/4	3/4
5502-04-06	1/4 - 18	3/8 - 18	0.281	0.88	1.22	1.02	7/8	7/8
5502-06-04	3/8 - 18	1/4 - 18	0.406	0.87	1.22	0.88	13/16	7/8
5502-06-06	3/8 - 18	3/8 - 18	0.406	0.87	1.22	1.02	7/8	7/8
5502-06-08	3/8 - 18	1/2 - 14	0.406	0.93	1.28	1.23	1 1/8	-
5502-08-04-4 Forged Only	1/2 - 14	1/4 - 18	0.531	1.01	1.47	1.00	-	1 1/16
5502-08-06	1/2 - 14	3/8 - 18	0.531	1.02	1.48	1.25	15/16	-
5502-08-08	1/2 - 14	1/2 - 14	0.531	1.01	1.47	1.23	1 1/8	1 1/16
5502-08-12	1/2 - 14	3/4 - 14	0.531	1.13	1.59	1.36	1 3/8	-
5502-12-08	3/4 - 14	1/2 - 14	0.719	1.11	1.59	1.23	1 1/8	-
5502-12-12	3/4 - 14	3/4 - 14	0.719	1.11	1.59	1.36	1 3/8	1 5/16
5502-12-16	3/4 - 14	1 - 11 1/2	0.719	1.30	1.78	1.62	1 3/4	1 5/8
5502-16-12	1 - 11 1/2	3/4 - 14	0.938	1.40	1.97	1.39	1 3/8	-
5502-16-16	1 - 11 1/2	1 - 11 1/2	0.938	1.40	1.97	1.62	1 5/8	-
5502-16-20	1 - 11 1/2	1 1/4 - 11 1/2	0.938	1.78	2.35	1.70	2"	-
5502-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.250	1.79	2.38	1.70	2 1/8	-
5502-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	1.500	2.05	2.64	2.08	2 3/8	-
5502-32-32	2 - 11 1/2	2 - 11 1/2	1.938	2.39	3.00	2.39	2 7/8	-

Safety Factor 4:1

5502C

Ref. BRN 3151



Compact Street "Dot" Ell

5502C-①-②	①	②	D	N	Y	Operating Pressure
①-MP ②-FP	Male NPT	Female NPT	Drill	Length	Square	
5502C-02-02	1/8 - 27	1/8 - 27	0.188	0.78	1/2	3,500
5502C-04-04	1/4 - 18	1/4 - 18	0.281	1.09	3/4	5,000
5502C-06-04	3/8 - 18	1/4 - 18	0.406	1.22	3/4	5,000
5502C-06-06	3/8 - 18	3/8 - 18	0.406	1.22	7/8	4,500
5502C-08-06	1/2 - 14	3/8 - 18	0.531	1.48	1"	4,000
5502C-08-08 ①	1/2 - 14	1/2 - 14	0.531	1.47	1 1/8	3,000
5502C-12-12 ②	3/4 - 14	3/4 - 14	0.719	1.59	1 1/4	2,500

① NPTF threads.

② 303 stainless steel.

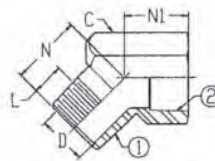
Safety Factor 4:1

5503

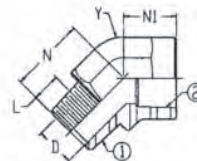
SAE 140339

Ref. Aeroquip 2088

Ref. Parker CD45



5503 (Bar Stock)

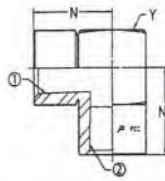


5503-4 (Forged)

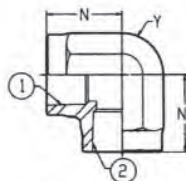
Street Elbow

5503-①-② (-4 if forged)	①	②	C	D	L	N	N1	Y	Operating Pressure
①-MP ②-FP	Male NPTF	Female NPTF	Hex	Drill	Assembled	Length	Length	Wrench Flats	
5503-02-02	1/8 - 27	1/8 - 27	5/8	0.188	0.23	0.72	0.47	9/16	5,000
5503-04-04	1/4 - 18	1/4 - 18	3/4	0.281	0.34	1.05	0.63	3/4	5,000
5503-06-06	3/8 - 18	3/8 - 18	7/8	0.406	0.35	1.06	0.72	7/8	4,500
5503-08-08	1/2 - 14	1/2 - 14	1 1/8	0.531	0.46	1.34	0.91	1 1/16	3,000
5503-12-12	3/4 - 14	3/4 - 14	1 3/8	0.719	0.48	1.38	0.97	1 5/16	3,000
5503-16-16	1 - 11 1/2	1 - 11 1/2	1 5/8	0.938	0.57	1.72	1.13	1 5/8	1,750
5503-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	2"	1.250	1.21	1.63	1.80	-	1,500
5503-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2 3/8	1.500	1.47	1.69	2.06	-	1,500
5503-32-32	2 - 11 1/2	2 - 11 1/2	2 7/8	1.938	1.54	2.19	2.15	-	1,000

Safety Factor 4:1



5504 (Bar Stock)



5504-4 (Forged)

5504

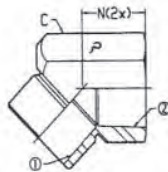
SAE 140238

Ref. Aeroquip 2087

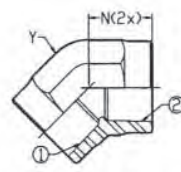
Ref. Parker DD

Female Pipe Elbow						
5504-①-② (-4 if forged)	①	②	N	N1	Y	Operating Pressure
①-FP ②-FP	Female NPTF	Female NPTF	Length	Length	Square	
5504-02-02	1/8 - 27	1/8 - 27	0.66	0.66	5/8	5,000
5504-04-02	1/4 - 18	1/8 - 27	0.88	0.67	3/4	5,000
5504-04-04	1/4 - 18	1/4 - 18	0.88	0.88	3/4	5,000
5504-06-04	3/8 - 18	1/4 - 18	1.02	1.01	7/8	4,500
5504-06-06	3/8 - 18	3/8 - 18	1.02	1.02	7/8	4,500
5504-08-04	1/2 - 14	1/4 - 18	1.23	1.00	1 1/8	3,000
5504-08-06	1/2 - 14	3/8 - 18	1.23	1.01	1 1/8	3,000
5504-08-08	1/2 - 14	1/2 - 14	1.23	1.23	1 1/8	3,000
5504-12-06	3/4 - 14	3/8 - 18	1.36	1.13	1 3/8	3,000
5504-12-08	3/4 - 14	1/2 - 14	1.36	1.35	1 3/8	3,000
5504-12-12	3/4 - 14	3/4 - 14	1.36	1.36	1 3/8	3,000
5504-16-08	1 - 11 1/2	1/2 - 14	1.63	1.39	1 3/4	1,750
5504-16-12	1 - 11 1/2	3/4 - 14	1.63	1.14	1 3/4	1,750
5504-16-16	1 - 11 1/2	1 - 11 1/2	1.63	1.63	1 5/8	1,750
5504-20-12	1 1/4 - 11 1/2	3/4 - 14	1.70	1.45	2"	1,500
5504-20-16	1 1/4 - 11 1/2	1 - 11 1/2	1.70	1.68	2"	1,500
5504-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.70	1.70	2"	1,500
5504-24-20	1 1/2 - 11 1/2	1 1/4 - 11 1/2	2.08	2.08	2 3/8	1,500
5504-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	2.08	2.08	2 3/8	1,500
5504-32-32	2 - 11 1/2	2 - 11 1/2	2.39	2.39	2 7/8	1,000

Safety Factor 4:1



5505 (Bar Stock)



5505-4 (Forged)

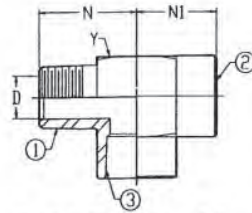
5505

SAE 140338

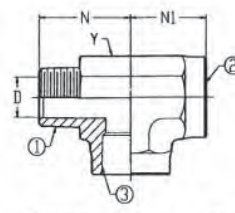
Ref. Parker DD45

Female Pipe Elbow				
5505-①-② (-4 if forged)	①	②	C	N
①-FP ②-FP	Female NPTF	Female NPTF	Hex	Length
5505-02-02	1/8 - 27	1/8 - 27	5/8	0.50
5505-04-04	1/4 - 18	1/4 - 18	3/4	0.69
5505-06-06	3/8 - 18	3/8 - 18	7/8	0.75
5505-08-08	1/2 - 14	1/2 - 14	1 1/8	0.94
5505-12-12	3/4 - 14	3/4 - 14	1 3/8	1.00
5505-16-16	1 - 11 1/2	1 - 11 1/2	1 5/8	1.19

Safety Factor 4:1



5602 (Bar Stock)



5602-4 (Forged)

5602

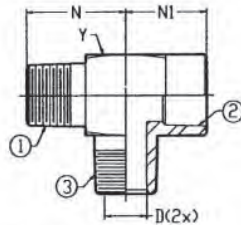
SAE 140424

Ref. Aeroquip 2092

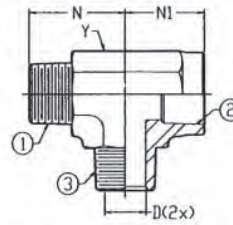
Ref. Parker MRO

Street Tee							Forged	Operating Pressure
5602-①-②-③ (-4 if forged) ①-MP ②-FP ③-FP	① Male NPTF	②③ Female NPTF	D Drill	N Length	N1 Length	Y Square	Y Wrench Flat	
5602-02-02-02	1/8 - 27	1/8 - 27	0.188	0.78	0.66	5/8	9/16	5,000
5602-04-04-04	1/4 - 18	1/4 - 18	0.281	1.09	0.88	3/4	3/4	5,000
5602-06-06-06	3/8 - 18	3/8 - 18	0.406	1.22	1.02	7/8	7/8	4,500
5602-08-08-08	1/2 - 14	1/2 - 14	0.531	1.47	1.23	1 1/8	1 1/16	3,000
5602-12-12-12	3/4 - 14	3/4 - 14	0.719	1.59	1.38	1 3/8	1 5/16	3,000
5602-16-16-16	1 - 11 1/2	1 - 11 1/2	0.938	1.97	1.62	1 5/8	1 5/8	1,750
5602-20-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.250	2.38	1.70	2"	-	1,500
5602-24-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	1.500	2.64	2.08	2 3/8	-	1,500
5602-32-32-32	2 - 11 1/2	2 - 11 1/2	1.938	3.00	2.39	2 7/8	-	1,000

Safety Factor 4:1



5603 (Bar Stock)



5603-4 (Forged)

5603

SAE J514

Ref. Aeroquip 2093

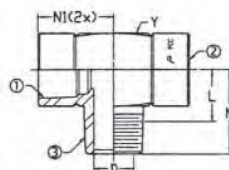
Pipe Fittings
5600 - 5702

Female Pipe Run Tee							Forged	Operating Pressure
5603-①-②-③ (-4 if forged) ①-MP ②-FP ③-MP	①③ Male NPTF	② Female NPTF	D Drill	N Length	N1 Length	Y Square	Y Wrench Flat	
5603-02-02-02	1/8 - 27	1/8 - 27	0.188	0.78	0.66	5/8	9/16	5,000
5603-04-04-04	1/4 - 18	1/4 - 18	0.281	1.09	0.88	3/4	3/4	5,000
5603-06-06-06	3/8 - 18	3/8 - 18	0.406	1.22	1.02	7/8	7/8	4,500
5603-08-08-08	1/2 - 14	1/2 - 14	0.531	1.47	1.23	1 1/8	1 47/78	3,000
5603-12-12-12	3/4 - 14	3/4 - 14	0.719	1.59	1.38	1 3/8	1 5/16	3,000
5603-16-16-16	1 - 11 1/2	1 - 11 1/2	0.938	1.97	1.62	1 5/8	1 5/8	1,750
5603-20-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.250	2.38	1.70	2"	-	1,500
5603-24-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	1.500	2.64	2.08	2 3/8	-	1,500

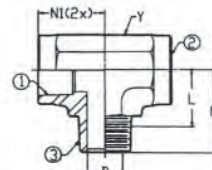
Safety Factor 4:1

5604

SAE 140425
Ref. Aeroquip 2091
Ref. Parker MMS



5604 (Bar Stock)



5604-4 (Forged)

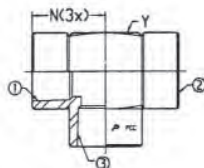
Male Pipe Branch Tee								Forged	Operating Pressure
5604-①-②-③ (-4 if forged) ①-FP ②-FP ③-MP	①② Female NPTF	③ Male NPTF	D Drill	L Assembled	N Length	N1 Length	Y Square	Y Wrench Flats	
5604-02-02-02	1/8 - 27	1/8 - 27	0.188	0.55	0.78	0.66	5/8	-	5,000
5604-04-04-04	1/4 - 18	1/4 - 18	0.281	0.75	1.09	0.88	3/4	3/4	5,000
5604-06-06-06	3/8 - 18	3/8 - 18	0.406	0.87	1.22	1.02	7/8	7/8	4,500
5604-08-08-08	1/2 - 14	1/2 - 14	0.531	1.01	1.47	1.23	1 1/8	1 1/16	3,000
5604-12-12-12	3/4 - 14	3/4 - 14	0.719	1.11	1.59	1.36	1 3/8	1 5/16	3,000
5604-16-16-16	1 - 11 1/2	1 - 11 1/2	0.938	1.40	1.97	1.63	1 5/8	1 5/8	1,750
5604-20-20-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	1.250	1.79	2.38	1.70	2"	-	1,500
5604-24-24-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	1.500	2.05	2.64	2.08	2 3/8	-	1,500
Safety Factor 4:1									

Safety Factor 4:1

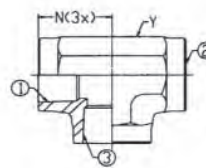
Pipe Fittings
56000 - 5702

5605

SAE 140438
Ref. Aeroquip 2090
Ref. Parker MMO



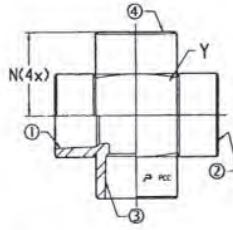
5605 (Bar Stock)



5605-4 (Forged)

Female Pipe Tee				Forged	Operating Pressure
5605-①-②-③ (-4 if forged) ①-FP ②-FP ③-FP	①②③ Female NPTF	N Length	Y Square	Y Wrench Flats	
5605-02-02-02	1/8 - 27	0.66	5/8	9/16	5,000
5605-04-04-04	1/4 - 18	0.88	3/4	3/4	5,000
5605-06-06-06	3/8 - 18	1.02	7/8	7/8	4,500
5605-08-08-08	1/2 - 14	1.23	1 1/8	1 1/16	3,000
5605-12-12-12	3/4 - 14	1.36	1 3/8	1 5/16	3,000
5605-16-16-16	1 - 11 1/2	1.63	1 5/8	1 5/8	1,750
5605-20-20-20	1 1/4 - 11 1/2	1.70	2"	-	1,500
5605-24-24-24	1 1/2 - 11 1/2	2.08	2 3/8	-	1,500
5605-32-32-32	2 - 11 1/2	2.39	2 7/8	-	1,000
				Safety Factor 4:1	

Safety Factor 4:1



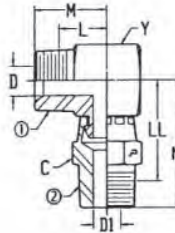
5652

SAE J514

Ref. Aeroquip 2080
Ref. Parker KMMOO

Female Pipe Cross				
5652-①-②-③-④ ①②③④-FP	①②③④ Female NPTF	N Length	Y Square	Operating Pressure
5652-02-02-02-02	1/8 - 27	0.66	5/8	5,000
5652-04-04-04-04	1/4 - 18	0.88	3/4	5000
5652-06-06-06-06	3/8 - 18	1.02	7/8	4500
5652-08-08-08-08	1/2 - 14	1.23	1 1/8	3000
5652-12-12-12-12	3/4 - 14	1.36	1 3/8	3000
5652-16-16-16-16	1 - 11 1/2	1.63	1 5/8	1750
5652-20-20-20-20	1 1/4 - 11 1/2	1.70	2"	1500
5652-24-24-24-24	1 1/2 - 11 1/2	2.08	2 3/8	1500
5652-32-32-32-32	2 - 11 1/2	2.39	2 7/8	1000
				Safety Factor 4:1

Male Pipe Swivels (series 5700, 5701, and 5702) have NPT threads.



5700

Ref. Aeroquip 2251

Pipe Fittings
5000 - 5702

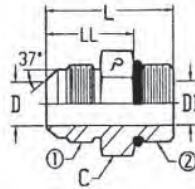
Male Pipe Elbow Swivel											
<i>Not a Rotating Swivel Joint</i>											
5700-①-② ①-MP ②-MPX	① Male NPT	② Male NPT Swivel	C Swivel Hex	D Drill	D1 Drill	L Assembled	LL Assembled	M Length	N Length	Y Square	Operating Pressure
5700-04-04	1/4 - 18	1/4 - 18	5/8	0.281	0.246	0.73	1.26	1.07	1.60	11/16 Hx.	4,000
5700-06-06	3/8 - 18	3/8 - 18	3/4	0.406	0.344	0.87	1.34	1.22	1.69	3/4	3,500
5700-08-08	1/2 - 14	1/2 - 14	1"	0.531	0.500	0.96	1.42	1.42	1.88	7/8	2,500
5700-12-12	3/4 - 14	3/4 - 14	1 5/16	0.703	0.656	1.03	1.76	1.51	2.24	1 1/8	2,000
											Safety Factor 4:1

6400

SAE 070120

Ref. Aeroquip 202702

Ref. Parker F50X



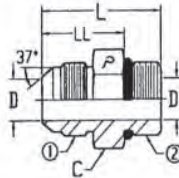
Straight Thread Connector

6400-①-② ①-MJ ②-MB	Tube O.D.	① Male JIC	② Male ORB	C Hex	D Drill	D1 Drill	L Length	LL Assembled	Operating Pressure
6400-02-02	1/8	5/16 - 24	5/16 - 24	7/16	0.062	0.062	1.06	0.73	5,000
6400-03-03	3/16	3/8 - 24	3/8 - 24	1/2	0.125	0.125	1.10	0.76	5,000
6400-04-02	1/4	7/16 - 20	5/16 - 24	1/2	0.062	0.062	1.13	0.83	5,000
6400-04-03	1/4	7/16 - 20	3/8 - 24	1/2	0.125	0.125	1.13	0.83	5,000
6400-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.172	1.23	0.83	5,000
6400-04-05	1/4	7/16 - 20	1/2 - 20	5/8	0.172	0.172	1.23	0.83	5,000
6400-04-06	1/4	7/16 - 20	9/16 - 18	11/16	0.172	0.172	1.29	0.93	5,000
6400-04-08	1/4	7/16 - 20	3/4 - 16	7/8	0.172	0.172	1.37	0.93	5,000
6400-04-10	1/4	7/16 - 20	7/8 - 14	1"	0.172	0.172	1.45	0.95	5,000
6400-04-12	1/4	7/16 - 20	1 1/16 - 12	1 1/4	0.172	0.172	1.66	1.02	5,000
6400-05-04	5/16	1/2 - 20	7/16 - 20	9/16	0.172	0.172	1.23	0.83	5,000
6400-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.234	1.23	0.83	5,000
6400-05-06	5/16	1/2 - 20	9/16 - 18	11/16	0.234	0.234	1.29	0.86	5,000
6400-05-08	5/16	1/2 - 20	3/4 - 16	7/8	0.234	0.234	1.37	0.93	5,000
6400-05-10	5/16	1/2 - 20	7/8 - 14	1"	0.234	0.234	1.49	0.99	5,000
6400-06-04	3/8	9/16 - 18	7/16 - 20	5/8	0.297	0.172	1.27	0.87	5,000
6400-06-05	3/8	9/16 - 18	1/2 - 20	5/8	0.297	0.234	1.27	0.87	5,000
6400-06-06	3/8	9/16 - 18	9/16 - 18	11/16	0.297	0.297	1.30	0.87	5,000
6400-06-08	3/8	9/16 - 18	3/4 - 16	7/8	0.297	0.297	1.38	0.90	5,000
6400-06-10	3/8	9/16 - 18	7/8 - 14	1"	0.297	0.297	1.50	0.96	5,000
6400-06-12	3/8	9/16 - 18	1 1/16 - 12	1 1/4	0.297	0.297	1.62	1.03	5,000
6400-06-16	3/8	9/16 - 18	1 5/16 - 12	1 1/2	0.297	0.297	1.65	1.06	4,500
6400-08-04	1/2	3/4 - 16	7/16 - 20	13/16	0.391	0.172	1.49	1.13	5,000
6400-08-06	1/2	3/4 - 16	9/16 - 18	13/16	0.391	0.297	1.38	1.00	5,000
6400-08-08	1/2	3/4 - 16	3/4 - 16	7/8	0.391	0.391	1.48	1.00	5,000
6400-08-10	1/2	3/4 - 16	7/8 - 14	1"	0.391	0.391	1.60	1.06	5,000
6400-08-12	1/2	3/4 - 16	1 1/16 - 12	1 1/4	0.391	0.391	1.76	1.13	5,000
6400-08-16	1/2	3/4 - 16	1 5/16 - 12	1 1/2	0.391	0.391	1.79	1.16	4,500
6400-10-06	5/8	7/8 - 14	9/16 - 18	15/16	0.484	0.297	1.71	1.23	5,000
6400-10-08	5/8	7/8 - 14	3/4 - 16	15/16	0.484	0.391	1.64	1.16	5,000
6400-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	0.484	1.70	1.16	5,000
6400-10-12	5/8	7/8 - 14	1 1/16 - 12	1 1/4	0.484	0.484	1.86	1.23	5,000
6400-10-16	5/8	7/8 - 14	1 5/16 - 12	1 1/2	0.484	0.484	1.89	1.26	4,500
6400-12-08	3/4	1 1/16 - 12	3/4 - 16	1 1/8	0.609	0.391	1.94	1.37	5,000
6400-12-10	3/4	1 1/16 - 12	7/8 - 14	1 1/8	0.484	0.484	1.83	1.33	5,000
6400-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.609	0.609	1.97	1.33	5,000
6400-12-14	3/4	1 1/16 - 12	1 3/16 - 12	1 3/8	0.609	0.609	1.96	1.33	4,500
6400-12-16	3/4	1 1/16 - 12	1 5/16 - 12	1 1/2	0.609	0.609	1.99	1.36	4,500
6400-12-20	3/4	1 1/16 - 12	1 5/8 - 12	1 7/8	0.609	1.078	2.08	1.44	3,000
6400-14-12	7/8	1 3/16 - 12	1 1/16 - 12	1 1/4	0.609	0.609	1.96	1.36	4,500
6400-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.719	0.719	1.99	1.36	4,500
6400-14-16	7/8	1 3/16 - 12	1 5/16 - 12	1 1/2	0.719	0.719	2.02	1.39	4,500

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Safety Factor 4:1

O-Ring Boss
6400-6410-6401-6402



6400

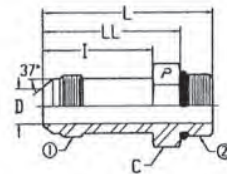
SAE 070120
Ref. Aeroquip 202702
Ref. Parker F50X

Continued from the previous page.

Straight Thread Connector - Continued

6400-①-② ①-MJ ②-MB	Tube O.D.	① Male JIC	② Male ORB	C Hex	D Drill	D1 Drill	L Length	LL Assembled	Operating Pressure
6400-16-08	1"	1 5/16 - 12	3/4 - 16	1 3/8	0.844	0.391	2.01	1.57	4,500
6400-16-10	1"	1 5/16 - 12	7/8 - 14	1 3/8	0.844	0.484	2.07	1.44	4,500
6400-16-12	1"	1 5/16 - 12	1 1/16 - 12	1 3/8	0.844	0.609	1.99	1.41	4,500
6400-16-14	1"	1 5/16 - 12	1 3/16 - 12	1 3/8	0.719	0.719	2.02	1.41	4,500
6400-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	0.844	2.04	1.41	4,500
6400-16-20	1"	1 5/16 - 12	1 5/8 - 12	1 7/8	0.844	0.844	2.12	1.49	3,000
6400-16-24	1"	1 5/16 - 12	1 7/8 - 12	2 1/8	0.844	1.312	2.20	1.56	2,000
6400-20-10	1 1/4	1 5/8 - 12	7/8 - 14	1 11/16	1.078	0.484	2.20	1.57	3,000
6400-20-12	1 1/4	1 5/8 - 12	1 1/16 - 12	1 11/16	1.078	0.609	2.30	1.54	3,000
6400-20-16	1 1/4	1 5/8 - 12	1 5/16 - 12	1 11/16	1.078	0.844	2.33	1.54	3,000
6400-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 7/8	1.078	1.078	2.17	1.54	3,000
6400-20-24	1 1/4	1 5/8 - 12	1 7/8 - 12	2 1/8	1.078	1.078	2.20	1.61	200
6400-24-20	1 1/2	1 7/8 - 12	1 5/8 - 12	2"	1.312	1.078	2.53	1.77	2,000
6400-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/8	1.312	1.312	2.37	1.73	2,000
6400-24-32	1 1/2	1 7/8 - 12	2 1/2 - 12	2 3/4	1.312	1.781	2.53	1.89	1,500
6400-32-24	2"	2 1/2 - 12	1 7/8 - 12	2 5/8	1.781	1.312	2.74	1.98	1,500
6400-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 3/4	1.781	1.781	2.78	2.14	1,500

Safety Factor 4:1



6400L

SAE 070122
Ref. Aeroquip 202713
Ref. Parker FF50X

O-Ring Boss
SAE 070122 - 070123 - 070124 - 070125

Straight Thread Connector Long

6400L-①-② ①-MJ ②-MB	Tube O.D.	① Male JIC	② Male ORB	C Hex	D Drill	I Length	L Length①	LL Assembled	Operating Pressure
6400L-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	1.39	2.08	1.72	5,000
6400L-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	1.45	2.14	1.78	5,000
6400L-06-06	3/8	9/16 - 18	9/16 - 18	11/16	0.297	1.56	2.31	1.92	5,000
6400L-08-08	1/2	3/4 - 16	3/4 - 16	7/8	0.391	1.88	2.70	2.26	5,000
6400L-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	2.09	3.03	2.53	5,000
6400L-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.609	2.50	3.61	3.02	5,000
6400L-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.719	2.69	3.80	3.21	4,500
6400L-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	2.84	3.98	3.39	4,500
6400L-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 7/8	1.078	3.47	4.69	4.10	3,000

① We can provide custom length Straight Thread Connectors (6400L).

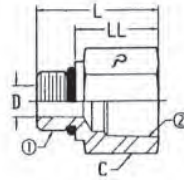
Safety Factor 4:1

6405

SAE J514

Ref. Aeroquip 2216

Ref. Parker F50G



Male Boss x Female Pipe

6405-①-② ①-MB ②-FP	① Male ORB	② Female NPTF	C Hex	D Drill	L Length	LL Assembled	Operating Pressure
6405-04-02	7/16 - 20	1/8 - 27	9/16	0.172	1.09	0.73	5,000
6405-04-04	7/16 - 20	1/4 - 18	3/4	0.172	1.15	0.79	6,000
6405-04-06	7/16 - 20	3/8 - 18	7/8	0.172	1.28	0.81	6,000
6405-05-02	1/2 - 20	1/8 - 27	5/8	0.234	1.00	0.64	6,000
6405-05-04	1/2 - 20	1/4 - 18	3/4	0.234	1.15	0.79	6,000
6405-06-02	9/16 - 18	1/8 - 27	11/16	0.297	0.73	0.34	6,000
6405-06-04	9/16 - 18	1/4 - 18	3/4	0.297	1.16	0.77	6,000
6405-06-06	9/16 - 18	3/8 - 18	7/8	0.297	1.20	0.81	6,000
6405-06-08	9/16 - 18	1/2 - 14	1 1/8	0.297	1.45	1.06	5,000
6405-08-04	3/4 - 16	1/4 - 18	7/8	0.391	1.13	0.69	6,000
6405-08-06	3/4 - 16	3/8 - 18	7/8	0.391	1.27	0.83	6,000
6405-08-08	3/4 - 16	1/2 - 14	1 1/8	0.391	1.50	1.06	5,000
6405-08-12	3/4 - 16	3/4 - 14	1 3/8	0.391	1.72	1.01	4,000
6405-10-04	7/8 - 14	1/4 - 18	1"	0.438	0.81	0.31	5,500
6405-10-06	7/8 - 14	3/8 - 18	1"	0.484	1.31	0.81	5,500
6405-10-08	7/8 - 14	1/2 - 14	1 1/8	0.484	1.55	1.05	5,000
6405-10-12	7/8 - 14	3/4 - 14	1 3/8	0.484	1.63	1.13	4,000
6405-12-06	1 1/16 - 12	3/8 - 18	1 1/4	0.578	1.10	0.51	5,000
6405-12-08	1 1/16 - 12	1/2 - 14	1 1/4	0.609	1.41	0.82	5,000
6405-12-12	1 1/16 - 12	3/4 - 14	1 3/8	0.609	1.60	1.01	4,000
6405-12-16	1 1/16 - 12	1 - 11 1/2	1 5/8	0.609	2.05	1.29	3,000
6405-14-08	1 3/16 - 12	1/2 - 14	1 3/8	0.719	1.10	0.50	4,000
6405-14-12	1 3/16 - 12	3/4 - 14	1 3/8	0.719	1.60	1.01	4,000
6405-16-06	1 5/16 - 12	3/8 - 18	1 1/2	0.578	1.00	0.41	4,000
6405-16-08	1 5/16 - 12	1/2 - 14	1 1/2	0.719	1.00	0.41	4,000
6405-16-12	1 5/16 - 12	3/4 - 14	1 1/2	0.844	1.50	0.91	4,000
6405-16-16	1 5/16 - 12	1 - 11 1/2	1 5/8	0.844	1.88	1.29	3,000
6405-16-20	1 5/16 - 12	1 1/4 - 11 1/2	2"	0.844	1.97	1.38	2,500
6405-20-12	1 5/8 - 12	3/4 - 14	1 7/8	0.922	1.00	0.41	3,000
6405-20-16	1 5/8 - 12	1 - 11 1/2	1 7/8	1.078	1.00	0.41	3,000
6405-20-20	1 5/8 - 12	1 1/4 - 11 1/2	2"	1.078	1.97	1.38	2,500
6405-20-24	1 5/8 - 12	1 1/2 - 11 1/2	2 3/8	1.078	2.16	1.57	2,000
6405-24-16	1 7/8 - 12	1 - 11 1/2	2 1/8	1.156	1.00	0.41	2,500
6405-24-20	1 7/8 - 12	1 1/4 - 11 1/2	2 1/8	1.312	2.00	1.41	2,500
6405-24-24	1 7/8 - 12	1 1/2 - 11 1/2	2 3/8	1.312	2.00	1.41	2,000
6405-32-24	2 1/2 - 12	1 1/2 - 11 1/2	2 3/4	1.781	2.00	1.41	2,000
6405-32-32	2 1/2 - 12	2 - 11 1/2	2 7/8	1.781	2.06	1.47	2,000

Safety Factor 4:1

O-Ring Boss
6405-6411/6401-6402

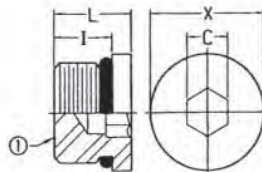
6409

SAE 090109B

Ref. Aeroquip FF2138

Ref. BRN 6408H

Ref. Parker HP50N



Hex Socket Boss Plugs are for close tolerance applications.

Hex Socket Boss Plug

6409-①	①	C	I	L	X	Operating Pressure
①-MB	Male ORB	Hex Socket	Assembled	Length	Round	
6409-02	5/16 - 24	1/8	0.30	0.40	7/16	6,000
6409-03	3/8 - 24	1/8	0.30	0.40	1/2	6,000
6409-04	7/16 - 20	3/16	0.36	0.47	9/16	6,000
6409-05	1/2 - 20	3/16	0.36	0.47	5/8	6,000
6409-06	9/16 - 18	1/4	0.39	0.50	11/16	6,000
6409-08	3/4 - 16	5/16	0.44	0.58	7/8	6,000
6409-10	7/8 - 14	3/8	0.50	0.65	1"	6,000
6409-12	1 1/16 - 12	9/16	0.59	0.77	1 1/4	6,000
6409-14	1 3/16 - 12	9/16	0.59	0.77	1 3/8	5,500
6409-16	1 5/16 - 12	5/8	0.59	0.77	1 1/2	5,500
6409-20	1 5/8 - 12	3/4	0.59	0.77	1 7/8	4,000
6409-24	1 7/8 - 12	3/4	0.59	0.77	2 1/8	3,000
6409-32	2 1/2 - 12	3/4	0.59	0.77	2 3/4	2,000

Safety Factor 4:1

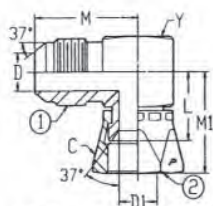
O-Ring Boss
6409 - 6410 - 6401 - 6402

The Advantages of our 6409 Hex Socket Boss Plugs

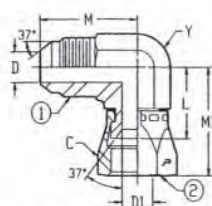
- 1. Head Thickness** - Our head thickness is the maximum thickness under SAE Specifications.
- 2. Cut-off Nibs** - Our 6409 plug meets the SAE specified 0.016" maximum cut-off nib. Our plugs are able to satisfy the most demanding customers.
- 3. No Chips** - Our special undercut process eliminates chips in the hex socket.

Viton™ O-Rings are available. Add suffix V to the end of the part number.
Example: 6409-06V

™Viton is a Registered Trademark of DuPont.



6500 (Bar Stock)



6500-4 (Forged)

6500

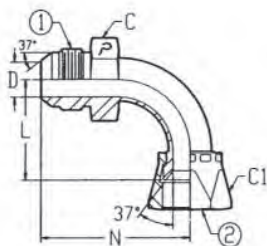
SAE 070221

Ref. Aeroquip 2071

Ref. Parker C6X

Swivel Nut Elbow - Male JIC x Female JIC Swivel												Forged
6500-①-② (-4 if forged) ①-MJ ②-FJX	Tube O.D.	① Male JIC	② Female JIC Swivel	C Nut Hex	D Drill	D1 Drill	L Assembled	M Length	M1 Length	Y Square	Y Wrench Flats	Operating Pressure
6500-03-03-4 Ⓢ Forged Only	3/16	3/8 - 24	3/8 - 24	7/16	0.125	0.125	0.634	0.83	1.00	-	7/16	5,000
6500-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.172	0.68	0.89	1.00	1/2	7/16	5,000
6500-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.234	0.78	0.95	1.06	9/16	9/16	5,000
6500-06-04-4 Ⓢ Forged Only	3/8 x 1/4	9/16 - 18	7/16 - 20	9/16	0.297	0.172	0.916	1.06	1.24	-	9/16	4,500
6500-06-06	3/8	9/16 - 18	9/16 - 18	11/16	0.297	0.297	0.84	1.06	1.25	5/8	9/16	4,500
6500-08-06-4 Ⓢ Forged Only	1/2 x 3/8	3/4 - 16	9/16 - 18	11/16	0.391	0.297	0.855	1.25	1.27	-	3/4	4,000
6500-08-08	1/2	3/4 - 16	3/4 - 16	7/8	0.391	0.391	0.91	1.25	1.38	7/8	3/4	4,000
6500-08-10	1/2 x 5/8	3/4 - 16	7/8 - 14	1"	0.391	0.484	1.09	1.33	1.62	15/16	7/8	4,000
6500-10-08	5/8 x 1/2	7/8 - 14	3/4 - 16	7/8	0.484	0.391	1.03	1.45	1.50	15/16	-	4,000
6500-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	0.484	1.09	1.45	1.62	15/16	7/8	4,000
6500-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.609	0.609	1.23	1.66	1.75	1 1/8	1 1/16	3,500
6500-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.719	0.719	1.33	1.80	1.75	1 1/4	1 5/16	2,500
6500-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	0.844	1.41	1.81	2.00	1 3/8	1 5/16	2,500
6500-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	2"	1.078	1.078	1.68	2.06	2.31	1 3/4	1 5/8	2,500
6500-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/4	1.312	1.312	1.86	2.33	2.59	2"	-	2,000
6500-32-32-4 Ⓢ Forged Only	2"	2 1/2 - 12	2 1/2 - 12	2 7/8	1.781	1.781	2.46	3.06	3.38	-	2 1/2	1,500

Safety Factor 4:1



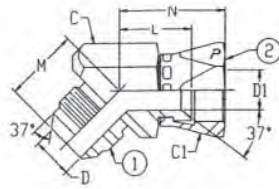
6500BT

Ref. Parker 39T3

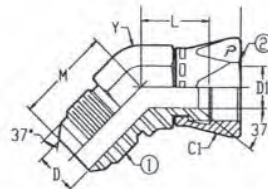
Bent Tube Elbow									
6500BT-①-② ①-MJ ②-FJX	Tube O.D.	① Male JIC	② Female JIC Swivel	C Body Hex	C1 Nut Hex	D Drill	L Length	N Length	Operating Pressure
6500BT-06-06	3/8	9/16 - 18	9/16 - 18	5/8	11/16	0.297	0.86	1.41	4,000
6500BT-08-08	1/2	3/4 - 16	3/4 - 16	13/16	7/8	0.391	1.09	1.76	3,500
6500BT-10-10	5/8	7/8 - 14	7/8 - 14	7/8	1"	0.484	1.23	1.89	2,750
6500BT-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/8	1 1/4	0.609	1.83	2.50	2,250
6500BT-16-16	1"	1 3/16 - 12	1 3/16 - 12	1 3/8	1 1/2	0.844	2.14	2.80	2,000
6500BT-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 3/4	2"	1.078	2.58	3.26	1,625

Safety Factor 4:1

Female JIC
6500 - 6502



6502 (Bar Stock)



6502-4 (Forged)

6502

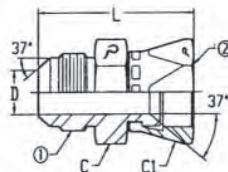
SAE 070321

Ref. Aeroquip 2070

Ref. Parker V6X

Swivel Nut Elbow - Male JIC x Female JIC Swivel											Forged	Operating Pressure
6502-①-② (-4 if forged) ①-MJ ②-FJX	Tube O.D.	① Male JIC	② Female JIC Swivel	C Body Hex	C1 Nut Hex	D Drill	D1 Drill	L Assembled	M Length	N Length	Y Wrench Flats	
6502-04-04	1/4	7/16 - 20	7/16 - 20	1/2	9/16	0.172	0.172	0.59	0.72	0.94	7/16	5,000
6502-05-05	5/16	1/2 - 20	1/2 - 20	9/16	5/8	0.234	0.234	0.63	0.77	1.00	9/16	5,000
6502-06-06	3/8	9/16 - 18	9/16 - 18	5/8	11/16	0.297	0.297	0.75	0.83	1.12	9/16	4,500
6502-08-08	1/2	3/4 - 16	3/4 - 16	7/8	7/8	0.391	0.391	0.86	0.98	1.28	3/4	4,000
6502-10-10	5/8	7/8 - 14	7/8 - 14	1"	1"	0.484	0.484	0.94	1.11	1.44	7/8	4,000
6502-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/8	1 1/4	0.609	0.609	0.94	1.28	1.50	1 1/16	3,500
6502-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 1/4 Sq.	1 3/8	0.718	0.719	1.09	1.39	1.62	-	2,500
6502-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	1 1/2	0.844	0.844	1.16	1.47	1.75	1 5/16	2,500
6502-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 3/4 Sq.	2"	1.078	1.078	1.41	1.59	2.03	1 5/8	2,500
6502-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2"	2 1/4	1.312	1.312	1.52	1.78	2.27	-	2,000
6502-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 5/8	2 7/8	1.781	1.781	1.97	2.22	2.91	-	1,500
Safety Factor 4:1												

Safety Factor 4:1



6504

SAE J514

Swivel Nut Connector - Male JIC x Female JIC Swivel								
6504-①-② ①-MJ ②-FJX	Tube O.D.	① Male JIC	② Female JIC Swivel	C Body Hex	C1 Nut Hex	D Drill	L Length	Operating Pressure
6504-04-04	1/4	7/16 - 20	7/16 - 20	1/2	9/16	0.172	1.44	5,000
6504-06-06	3/8	9/16 - 18	9/16 - 18	5/8	11/16	0.297	1.62	4,500
6504-06-08	3/8 x 1/2	9/16 - 18	3/4 - 16	11/16	7/8	0.297	1.66	4,000
6504-08-08	1/2 x 3/8	3/4 - 16	9/16 - 18	13/16	11/16	0.391	1.74	4,000
6504-08-08	1/2	3/4 - 16	3/4 - 16	13/16	7/8	0.391	1.74	4,000
6504-10-10	5/8	7/8 - 14	7/8 - 14	1"	1"	0.484	2.15	4,000
6504-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/8	1 1/4	0.609	2.27	3,500
6504-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 3/8	1 1/2	0.844	1.83	2,500
6504-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 11/16	2"	1.078	2.67	2,500

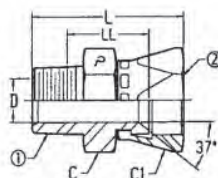
Safety Factor 4:1

Female JIC
6500 - 6502

6505

SAE J514

Ref. Aeroquip 2018
Ref. Parker F6X



Swivel Nut Adapter - Male Pipe x Female JIC Swivel

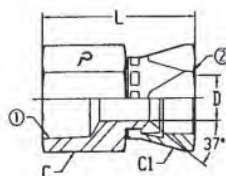
6505-①-② ①-MP ②-FJX	Tube O.D.	① Male NPTF	② Female JIC Swivel	C Body Hex	C1 Nut Hex	D Drill	L Length	LL Assembled	Operating Pressure
6505-02-04	1/4	1/8 - 27	7/16 - 20	7/16	9/16	0.172	1.39	0.82	5,000
6505-04-04	1/4	1/4 - 18	7/16 - 20	9/16	9/16	0.172	1.56	0.90	5,000
6505-04-05	5/16	1/4 - 18	1/2 - 20	5/8	5/8	0.234	1.57	0.88	5,000
6505-04-06	3/8	1/4 - 18	9/16 - 18	11/16	11/16	0.281	1.63	0.87	4,500
6505-06-06	3/8	3/8 - 18	9/16 - 18	11/16	11/16	0.297	1.63	0.86	4,500
6505-06-08	1/2	3/8 - 18	3/4 - 16	7/8	7/8	0.391	1.77	0.96	4,000
6505-06-10	5/8	3/8 - 18	7/8 - 14	7/8	1"	0.391	1.86	0.97	4,000
6505-08-08	1/2	1/2 - 14	3/4 - 16	7/8	7/8	0.391	1.97	1.04	4,000
6505-08-10	5/8	1/2 - 14	7/8 - 14	1"	1"	0.484	2.30	1.29	4,000
6505-08-12	3/4	1/2 - 14	1 1/16 - 12	1 1/8	1 1/4	0.531	2.16	1.18	3,500
6505-12-12	3/4	3/4 - 14	1 1/16 - 12	1 1/8	1 1/4	0.609	2.17	1.17	3,500
6505-12-16	1"	3/4 - 14	1 5/16 - 12	1 1/4	1 1/2	0.719	2.33	1.27	2,500
6505-16-16	1"	1 - 11 1/2	1 5/16 - 12	1 1/2	1 1/2	0.844	2.50	1.90	2,500
6505-20-20	1 1/4	1 1/4 - 11 1/2	1 5/8 - 12	1 11/16	2"	1.078	2.68	1.46	2,500
6505-24-24	1 1/2	1 1/2 - 11 1/2	1 7/8 - 12	2 1/4	2 1/4	0.812	2.84	2.03	2,000

Safety Factor 4:1

6506

SAE J514

Ref. Aeroquip 2242
Ref. Parker G6X

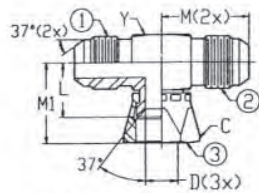


Swivel Nut Adapter - Female Pipe x Female JIC Swivel

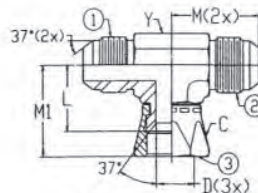
6506-①-② ①-FP ②-FJX	Tube O.D.	① Female NPTF	② Female JIC Swivel	C Body Hex	C1 Nut Hex	D Drill	L Length	Operating Pressure
6506-04-04	1/4	1/4 - 18	7/16 - 20	11/16	9/16	0.156	1.33	5,000
6506-04-06	3/8	1/4 - 18	9/16 - 18	11/16	11/16	0.297	1.44	4,500
6506-06-06	3/8	3/8 - 18	9/16 - 18	7/8	11/16	0.297	1.67	4,000
6506-06-08	1/2	3/8 - 18	3/4 - 16	7/8	7/8	0.391	1.67	4,000
6506-08-06	3/8	1/2 - 14	9/16 - 18	1 1/16	11/16	0.297	1.76	4,000
6506-08-08	1/2	1/2 - 14	3/4 - 16	1"	7/8	0.391	1.88	3,500
6506-08-10	5/8	1/2 - 14	7/8 - 14	1"	1"	0.484	2.03	3,500
6506-12-12	3/4	3/4 - 14	1 1/16 - 12	1 1/4	1 1/4	0.609	2.14	3,000
6506-16-16	1"	1 - 11 1/2	1 5/16 - 12	1 1/2	1 1/2	0.719	2.59	2,250
6506-20-20	1 1/4	1 1/4 - 11 1/2	1 5/8 - 12	2"	2"	1.078	2.76	2,500

Safety Factor 4:1

Female JIC
6500 - 6502



6600 (Bar Stock)



6600-4 (Forged)

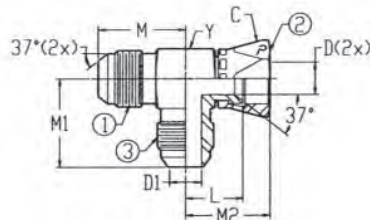
6600

SAE 070433

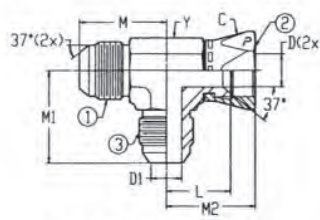
Ref. Aeroquip 103101
Ref. Parker S6X

Swivel Nut Branch Tee											
6600-①-②-③ (-4 if forged)	Tube	①②	③ Female	C	D	L	M	M1	Y	Forged	Operating
①-MJ ②-MJ ③-FJX	O.D.	Male JIC	JIC Swivel	Nut Hex	Drill	Assembled	Length	Length	Square	Wrench Flats	Pressure
6600-04-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.66	0.89	1.00	1/2	7/16	5,000
6600-05-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.68	0.95	1.06	9/16	9/16	5,000
6600-06-06-06	3/8	9/16 - 18	9/16 - 18	11/16	0.297	0.88	1.06	1.25	5/8	9/16	4,500
6600-08-08-08	1/2	3/4 - 16	3/4 - 16	7/8	0.391	0.95	1.25	1.38	7/8	3/4	4,000
6600-10-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	1.13	1.45	1.62	15/16	7/8	4,000
6600-12-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.609	1.19	1.66	1.75	1 1/8	1 1/16	3,500
6600-14-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.719	1.33	1.80	1.78	1 1/4	-	2,500
6600-16-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	1.41	1.81	2.00	1 3/8	1 5/16	2,500
6600-20-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	2"	1.078	1.69	2.06	2.31	1 3/4	-	2,500
6600-24-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/4	1.312	1.84	2.33	2.59	2"	-	2,000
6600-32-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 7/8	1.781	2.44	3.06	3.38	2 5/8	-	1,500

Safety Factor 4:1



6602 (Bar Stock)



6602-4 (Forged)

6602

SAE 070432

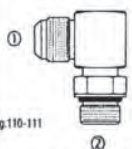
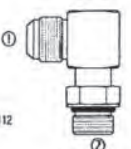
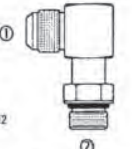
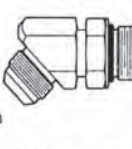
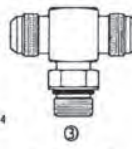
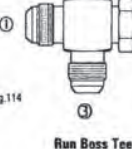
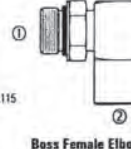
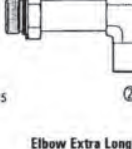
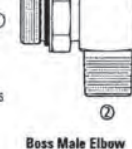
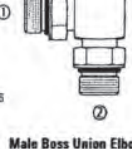
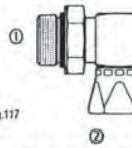
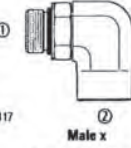
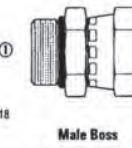
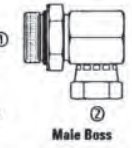
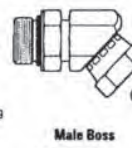
Ref. Aeroquip 203102
Ref. Parker R6X

Swivel Nut Run Tee													
6602-①-②-③ (-4 if forged)	Tube	①③	② Female	C	D	D1	L	M	M1	M2	Y	Forged	Operating
①-MJ ②-FJX ③-MJ	O.D.	Male JIC	JIC Swivel	Nut Hex	Drill	Drill	Assembled	Length	Length	Length	Square	Wrench Flats	Pressure
6602-04-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.172	0.66	0.89	0.89	1"	1/2	7/16	5,000
6602-05-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.234	0.68	0.95	0.95	1.06	9/16	9/16	5,000
6602-06-06-06	3/8	9/16 - 18	9/16 - 18	11/16	0.297	0.297	0.88	1.06	1.06	1.25	5/8	9/16	4,500
6602-08-08-08	1/2	3/4 - 16	3/4 - 16	7/8	0.391	0.391	0.95	1.25	1.25	1.38	7/8	3/4	4,000
6602-08-08-12-4 C Forged Only	1/2	3/4 - 16	3/4 - 16	1 1/4	0.391	0.609	0.99	1.66	1.42	1.51	-	1 1/16	3,500
6602-10-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	0.484	1.13	1.45	1.45	1.62	15/16	7/8	4,000
6602-12-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.609	0.609	1.19	1.66	1.66	1.75	1 1/8	1 1/16	3,500
6602-14-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.719	0.719	1.33	1.80	1.80	1.78	1 1/4	1 5/16	2,500
6602-16-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	0.844	1.41	1.81	1.81	2"	1 3/8	1 5/16	2,500
6602-20-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	2"	1.078	1.078	1.69	2.06	2.06	2.31	1 3/4	-	2,500
6602-24-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/4	1.312	1.312	1.84	2.33	2.33	2.59	2"	-	2,000
6602-32-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 7/8	1.781	1.781	2.44	3.06	3.06	3.38	2 5/8	-	1,500

Safety Factor 4:1

Female JIC
6500 - 6602

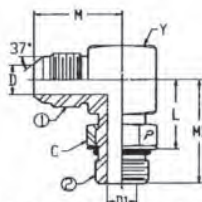
Visual I.D. Chart - O-Ring Boss #6801-6902

6801 (070220)  Pg.110-111 Straight Thread Elbow ①-MJ ②-MB	6801L  Pg.112 Elbow Long ①-MJ ②-MB	6801LL  Pg.112 Elbow Extra Long ①-MJ ②-MB	6802 (070320)  Pg.113 Straight Thread Elbow ①-MJ ②-MB	6803 (070429)  Pg.114 Branch Boss Tee ①-MJ ②-MJ ③-MB
6804 (070428)  Pg.114 Run Boss Tee ①-MJ ②-MB ③-MJ	6805  Pg.115 Boss Female Elbow ①-MB ②-FP	6805LL  Pg.115 Elbow Extra Long ①-MB ②-FP	6806  Pg.116 Boss Male Elbow ①-MB ②-MP	6807  Pg.116 Male Boss Union Elbow ①-MB ②-MB
6809  Pg.117 Boss Swivel Nut Elbow ①-MB ②-FJX	6815  Pg.117 Male x Female Boss Union ①-MB ②-FB	6900 (140157)  Pg.118 Male Boss x NPSM Adapter ①-MB ②-FPX	6901 (140251)  Pg.119 Male Boss x NPSM Elbow ①-MB ②-FPX	6902 (140357)  Pg.119 Male Boss x NPSM Elbow ①-MB ②-FPX

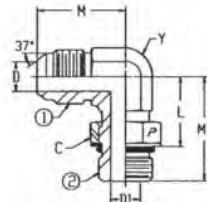
6801

O-Ring Boss
6400 - 6410, 6801 - 6902

SAE 070220
Ref. Aeroquip 2062
Ref. Parker C50X



6801 (Bar Stock)



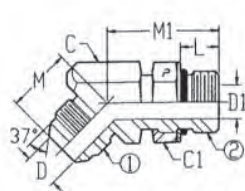
6801-4 (Forged)

Straight Thread Elbow - Male JIC x Male O-Ring Boss

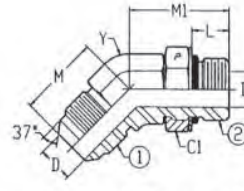
6801-①-② (-4 if forged) ①-MJ ②-MB	Tube O.D.	① Male JIC	② Male ORB	C Nut Hex	D Drill	D1 Drill	L Assembled	M Length	M1 Length	Y Square	Y Wrench Flats	Operating Pressure
6801-02-02	1/8	5/16 - 12	5/16 - 12	7/16	0.062	0.062	0.58	0.78	0.94	7/16	-	5,000
6801-03-03	3/16	3/8 - 24	3/8 - 24	1/2	0.125	0.125	0.61	0.83	0.94	7/16	7/16	5,000
6801-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.172	0.64	0.89	1.03	1/2	7/16	5,000
6801-04-05	1/4	7/16 - 20	1/2 - 20	5/8	0.172	0.234	0.74	0.95	1.13	9/16	9/16	5,000
6801-04-06	1/4	7/16 - 20	9/16 - 18	11/16	0.172	0.297	0.82	1.05	1.25	5/8	9/16	5,000
6801-04-08	1/4	7/16 - 20	3/4 - 16	7/8	0.172	0.391	0.96	1.12	1.45	13/16	3/4	5,000
6801-05-04	5/16	1/2 - 20	7/16 - 20	9/16	0.234	0.172	0.74	0.95	1.13	9/16	9/16	5,000
6801-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.234	0.74	0.95	1.13	5/8	9/16	5,000

Continued at the top of the next page.

Safety Factor 4:1



6802 (Bar Stock)



6802-4 (Forged)

6802

SAE 070320

Ref. Aeroquip 2061

Ref. Parker V50X

Straight Thread Elbow - Male JIC x Male O-Ring Boss											Forged	Operating Pressure
6802-①-② (-4 if forged) ①-MJ ②-MB	Tube O.D.	① Male JIC	② Male ORB	C Body Hex	C1 Nut Hex	D Drill	D1 Drill	L Assembled	M Length	M1 Length	Y Wrench Flats	
6802-03-03	3/16	3/8 - 24	3/8 - 24	1/2	1/2	0.125	0.125	0.33	0.69	0.94	-	5,000
6802-04-04	1/4	7/16 - 20	7/16 - 20	1/2	9/16	0.172	0.172	0.39	0.72	1.05	7/16	5,000
6802-04-05-4 ⚙️Forged Only	1/4	7/16 - 20	1/2 - 20	9/16	5/8	0.172	0.234	0.39	0.77	1.05	9/16	5,000
6802-04-06-4 ⚙️Forged Only	1/4	7/16 - 20	9/16 - 18	5/8	11/16	0.172	0.297	0.43	0.97	1.14	9/16	5,000
6802-05-04-4 ⚙️Forged Only	5/16	1/2 - 20	7/16 - 20	9/16	9/16	0.234	0.234	0.39	0.77	1.05	9/16	5,000
6802-05-05	5/16	1/2 - 20	1/2 - 20	9/16	5/8	0.234	0.234	0.39	0.77	1.05	9/16	5,000
6802-05-06-4 ⚙️Forged Only	5/16	1/2 - 20	9/16 - 18	5/8	11/16	0.234	0.297	0.43	0.97	1.14	9/16	5,000
6802-06-04	3/8	9/16 - 18	7/16 - 20	5/8	9/16	0.297	0.172	0.39	0.83	1.08	9/16	5,000
6802-06-05-4 ⚙️Forged Only	3/8	9/16 - 18	1/2 - 20	5/8	5/8	0.297	0.234	0.39	0.83	1.14	9/16	5,000
6802-06-06	3/8	9/16 - 18	9/16 - 18	5/8	11/16	0.297	0.297	0.43	0.83	1.14	9/16	5,000
6802-06-08	3/8	9/16 - 18	3/4 - 16	7/8	7/8	0.297	0.391	0.49	0.86	1.30	3/4	5,000
6802-06-10-4 ⚙️Forged Only	3/8	9/16 - 18	7/8 - 14	1"	1"	0.297	0.484	0.56	0.88	1.52	7/8	4,500
6802-08-06	1/2	3/4 - 16	9/16 - 18	7/8	11/16	0.391	0.297	0.43	0.98	1.17	3/4	5,000
6802-08-08	1/2	3/4 - 16	3/4 - 16	7/8	7/8	0.391	0.391	0.49	0.98	1.30	3/4	5,000
6802-08-10	1/2	3/4 - 16	7/8 - 14	1"	1"	0.391	0.484	0.56	1.00	1.52	7/8	4,500
6802-08-12	1/2	3/4 - 16	1 1/16 - 12	1 1/8	1 1/4	0.391	0.609	0.65	1.04	1.73	-	4,000
6802-10-08	5/8	7/8 - 14	3/4 - 16	15/16	7/8	0.484	0.391	0.49	1.11	1.36	7/8	5,000
6802-10-10	5/8	7/8 - 14	7/8 - 14	1"	1"	0.484	0.484	0.56	1.11	1.52	7/8	4,500
6802-10-12	5/8	7/8 - 14	1 1/16 - 12	1 1/8	1 1/4	0.484	0.609	0.65	1.16	1.73	-	4,000
6802-12-08-4 ⚙️Forged Only	3/4	1 1/16 - 12	3/4 - 16	1 1/8	7/8	0.609	0.391	0.49	1.28	1.41	1 1/16	4,000
6802-12-10	3/4	1 1/16 - 12	7/8 - 14	1 1/8	1"	0.609	0.484	0.56	1.28	1.58	1 1/16	4,000
6802-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/8	1 1/4	0.609	0.609	0.65	1.28	1.73	1 1/16	4,000
6802-12-16	3/4	1 1/16 - 12	1 5/16 - 12	1 3/8	1 1/2	0.609	0.844	0.65	1.42	1.86	1 5/16	3,000
6802-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 1/4	1 3/8	0.719	0.719	0.65	1.45	1.86	-	3,000
6802-16-12	1"	1 5/16 - 12	1 1/16 - 12	1 3/8	1 1/4	0.844	0.609	0.65	1.47	1.86	1 5/16	3,000
6802-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 3/8	1 1/2	0.844	0.844	0.65	1.47	1.86	1 5/16	3,000
6802-16-20	1"	1 5/16 - 12	1 5/8 - 12	1 3/4 Sq.	1 7/8	0.844	1.078	1.26	1.54	1.91	-	2,500
6802-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 3/4	1 7/8	1.078	1.078	0.65	1.59	1.91	-	2,500
6802-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2"	2 1/8	1.312	1.312	0.65	1.78	1.91	-	2,000
6802-32-32	2"	2 1/2 - 12	2 1/2 - 12	2 5/8	2 3/4	1.781	1.781	0.59	2.22	1.86	-	1,500

Safety Factor 4:1

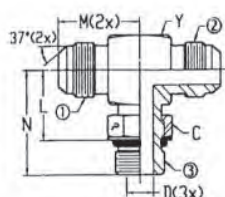
O-Ring Boss
6800 - 6810, 6801 - 6802

Pressure Connections donates 10% of its profits to urban ministries.

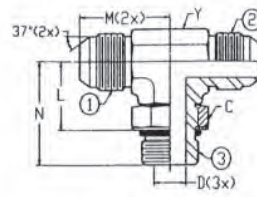
6803

SAE 070429

Ref. Aeroquip 203003
Ref. Parker S50X



6803 (Bar Stock)



6803-4 (Forged)

Branch Boss Tee

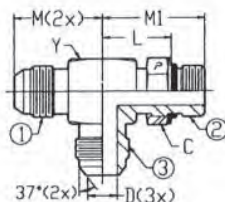
6803-①-②-③ (-4 if forged) ①-MJ ②-MJ ③-MB	Tube O.D.	①② Male JIC	③ Male ORB	C Nut Hex	D Drill	L Assembled	M Length	N Length	Y Square	Forged	
										Y Wrench Flats	Operating Pressure
6803-04-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.64	0.89	1.03	1/2	7/16	5,000
6803-05-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.70	0.97	1.13	9/16	9/16	5,000
6803-06-06-06	3/8	9/16 - 18	9/16 - 18	11/16	0.297	0.82	1.06	1.25	5/8	9/16	5,000
6803-08-08-08	1/2	3/4 - 16	3/4 - 16	7/8	0.391	0.96	1.25	1.45	7/8	3/4	5,000
6803-10-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	1.14	1.45	1.70	15/16	7/8	4,500
6803-12-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.609	1.29	1.66	1.94	1 1/8	1 1/16	4,000
6803-14-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.719	1.35	1.80	2.00	1 1/4	-	3,000
6803-16-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	1.40	1.81	2.05	1 3/8	1 5/16	3,000
6803-20-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 7/8	1.078	1.60	2.06	2.25	1 3/4	-	2,500
6803-24-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/8	1.312	1.74	2.33	2.39	2"	-	2,000

Safety Factor 4:1

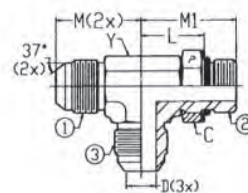
6804

SAE 070428

Ref. Aeroquip 203005
Ref. Parker R50X



6804 (Bar Stock)



6804-4 (Forged)

Run Boss Tee

6804-①-②-③ (-4 if forged) ①-MJ ②-MB ③-MJ	Tube O.D.	①③ Male JIC	② Male ORB	C Nut Hex	D Drill	L Assembled	M Length	M1 Length	Y Square	Forged	
										Y Wrench Flats	Operating Pressure
6804-04-04-04	1/4	7/16 - 20	7/16 - 20	9/16	0.172	0.64	0.89	1.03	1/2	7/16	5,000
6804-05-05-05	5/16	1/2 - 20	1/2 - 20	5/8	0.234	0.70	0.97	1.13	9/16	9/16	5,000
6804-06-06-06	3/8	9/16 - 18	9/16 - 18	11/16	0.297	0.82	1.06	1.25	5/8	9/16	5,000
6804-08-08-08	1/2	3/4 - 16	3/4 - 16	7/8	0.391	0.96	1.25	1.45	7/8	3/4	5,000
6804-10-10-10	5/8	7/8 - 14	7/8 - 14	1"	0.484	1.14	1.45	1.70	15/16	7/8	4,500
6804-12-12-12	3/4	1 1/16 - 12	1 1/16 - 12	1 1/4	0.609	1.29	1.66	1.94	1 1/8	1 1/16	4,000
6804-14-14-14	7/8	1 3/16 - 12	1 3/16 - 12	1 3/8	0.719	1.35	1.80	2.00	1 1/4	-	3,000
6804-16-16-16	1"	1 5/16 - 12	1 5/16 - 12	1 1/2	0.844	1.40	1.81	2.05	1 3/8	1 5/16	3,000
6804-20-20-20	1 1/4	1 5/8 - 12	1 5/8 - 12	1 7/8	1.078	1.60	2.06	2.25	1 3/4	-	2,500
6804-24-24-24	1 1/2	1 7/8 - 12	1 7/8 - 12	2 1/8	1.312	1.74	2.33	2.39	2"	-	2,000

Safety Factor 4:1