

Dynamic Steel Torque Ratings for SAE/JIC 37 Degree Flared Fittings



(see note #4 below for Brass and Aluminum fitting values)

see Note #3

SAE Dash Size (#)	Size (in)	SAE J514 Table 2A Rigid Fittings (lb-ft)	SAE J514 Table 2A Over-Torque (lb-ft)	Aeroquip Page 397 Rigid Fittings (lb-ft)	Parker Page C9 Rigid Fittings (lb-ft)	Del (SS)	Flaretite Qualification and Test (lb-ft)	Flaretite Recommended (Maximum) (lb-ft)
02	1/8	6 - 7	11	n/a	2	n/a	n/a	n/a
03	3/16	8 - 9	14	n/a	5	n/a	n/a	n/a
04	1/4	11 - 12	18	11 - 12	11-13	14 - 16	14	14
05	5/16	14 - 15	23	15 - 16	14	n/a	n/a	n/a
06	3/8	18 - 20	31	18 - 20	20	28 - 31	26	26
08	1/2	36 - 39	59	38 - 42	43	48 - 52	55	55
10	5/8	57 - 63	85	57 - 62	55	68 - 73	80	80
12	3/4	79 - 88	118	79 - 87	80	94 - 104	110	110
14	7/8	94 - 103	138	n/a	100	n/a	n/a	n/a
16	1	108 - 113	158	108 - 113	115	125 - 146	140	140
20	1-1/4	127 - 133	200	127 - 133	160	156 - 188	190	190
24	1-1/2	158 - 167	250	158 - 167	185	208 - 238	220	220
32	2	245 - 258	368	245 - 258	250	333 - 375	325	300

Note #1: "n/a" indicates that no rating was available.

Note #2: NewtonMeter (Nm) values = 1.356 x lb-ft values

Note #3: Never exceed the fitting manufacturer's recommendation for maximum torque

Note #4: Brass and Aluminum fittings should be torqued to 55% of above values

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