

SAE J514 Working Pressure Ratings Capable of 4 to 1 Minimum Burst

Note: Adapter pressure ratings may decrease if manufactured with thread size combinations and/or sealing styles that are not standard to the SAE specification. In this case, it is recommended that the lower pressure governs the overall working pressure for that adapter in use.

Nom SAE Dash Size	Nom Tube O.D. M.M.	Nom Tube O.D. Inch	Thread Size	Nom Pipe Size	Ridid SAE Str. Thread Union & Bulkhead Mpa	Ridid SAE Str. Thread Union & Bulkhead PSI	Adjustable SAE Str. Thread & Female Swivel Mpa	Adjustable SAE Str. Thread & Female Swivel PSI	Fittings with Pip Thread Mpa	Fittings with Pip Thread PSI	NPSM Std. Pipe Thread Maximum Operating Pressure Mpa	NPSM Std. Pipe Thread Maximum Operating Pressure PSI
2	3.18	0.125	5/16-24	1/8	34.5	5,000	34.5	5,000	34.5	5,000	34.5	5,000
3	4.76	0.188	3/8-24	1/8	34.5	5,000	34.5	5,000	34.5	5,000	-	-
4	6.35	0.250	7/16-20	1/8	34.5	5,000	31.0	4,500	34.5	5,000	34.5	5,000
5	7.94	0.313	1/2-20	1/8	34.5	5,000	27.5	4,000	34.5	5,000	-	-
6	9.52	0.375	9/16-18	1/4	34.5	5,000	27.5	4,000	27.5	4,000	27.5	4,000
8	12.70	0.500	3/4-16	3/8	31	4,500	27.5	4,000	21.0	3,000	24.1	3,500
10	15.88	0.625	7/8-14	1/2	24	3,500	21.0	3,000	21.0	3,000	-	-
12	19.05	0.750	1 1/16-12	3/4	24	3,500	21.0	3,000	17.0	2,500	15.5	2,250
14	22.22	0.875	1 3/16-12	3/4	21	3,000	17.0	2,500	17.0	2,500	-	-
16	25.40	1.000	1 5/16-12	1	21	3,000	17.0	2,500	14.0	2,000	13.8	2,000
20	31.75	1.250	1 5/8-12	1 1/4	17	2,500	14.0	2,000	8.0	1,150	11.2	1,625
24	38.10	1.500	1 7/8-12	1 1/2	14	2,000	10.5	1,500	7.0	1,000	8.6	1,250
32	50.30	2.000	2 1/2-12	2	10.5	1,500	8.0	1,125	7.0	1,000	7.8	1,125

TENNCO, INC.

1825 HUMMEL AVENUE · CAMP HILL PA 17011

PHONE 717.731.1880 · FAX 717.731.1879 · EMAIL CUSTOMERSERVICE@TENNCOINC.COM