



2	3.18	0.25	5/16 24	34.5	5,000	34.5	5,000
3	4.76	0.168	3/8 24	34.5	5,000	34.5	5,000
4	6.35	0.25	7/16 20	34.5	5,000	31	4,500
5	7.94	0.313	1/2 20	34.5	5,000	27.5	4,000
6	9.52	0.375	9/16 18	34.5	5,000	27.5	4,000
8	12.7	0.5	3/4 16	31	4,500	27.5	4,000
10	15.88	0.625	7/8 14	24	3,500	21	3,000
12	19.05	0.75	1 1/16 12	24	3,500	21	3,000
14	22.22	0.875	1 3/16 12	21	3,000	17	2,500
16	25.4	1	1 5/16 12	21	3,000	17	2,500
20	31.75	1.25	1 5/8 12	17	2,500	14	2,000
24	38.1	1.5	1 7/8 12	14	2,000	10.5	1,500
32	50.3	2	2 1/2 12	10.5	1,500	8	1,125

MPa (Mega Paskels): 1 MPa = 145 PSI

**SAE J1453 Working Pressure Ratings - Capable of 4-1 Minimum Burst  
Face Seal Fittings**

Note: In the case of a fitting that is a jump size, it is recommended that the lower pressure of the two ends must be recognized as the working pressure rating for that fitting. This is also the case if the fitting has one or more different style ends. For example, straight threads to pipe threads. In this case it is also recommended that the lower pressure rating of the two different style ends must be recognized as the working pressure rating for that fitting.

Nom SAE Dash Size	Straight Fittings Working MPa	Straight Fittings Working PSI	Straight Fitting Proof MPa	Straight Fitting Proof PSI	Straight Fitting Min.Burst MPa	Straight Fitting Min.Burst PSI	Adjustable Fittings Working MPa	Adjustable Fittings Working PSI	Adjustable Fittings Proof MPa	Adjustable Fittings Proof PSI	Adjustable Fittings Min Burst MPa	Adjustable Fittings Min Burst PSI
4	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165	24,000
6	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165	24,000
8	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165	24,000
10	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165	24,000
12	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165	24,000
16	41.3	6,000	82.5	12,000	165	24,000	34.5	5,000	69.9	10,000	138	20,000
20	27.5	4,000	55	8,000	110	16,000	27.5	4,000	55	8,000	110	16,000
24	27.5	4,000	55	8,000	110	16,000	20.7	3,000	41.3	6,000	82.5	12,000

MPa (Mega Paskels): 1 MPa = 145 PSI

**SAE J1453 Working Pressure Ratings - Capable of 4-1 Minimum Burst  
Code 61 & Code 62 Flange Fittings**

Note: In the case of a fitting that is a jump size, it is recommended that the lower pressure of the two ends must be recognized as the working pressure rating for that fitting. This is also the case if the fitting has one or more different style ends. For example, straight threads to pipe threads. In this case it is also recommended that the lower pressure rating of the two different style ends must be recognized as the working pressure rating for that fitting.

Nom SAE Dash Size	Code 61 Nominal Flange Size Inch	Maximum recommended Working Pressure MPa	Maximum recommended Working Pressure PSI	Code 62 Nominal Flange Size Inch	Maximum recommended Working Pressure MPa	Maximum recommended Working Pressure PSI
8	1/2	34.5	5,000	1/2	41.4	6,000
12	3/4	34.5	5,000	3/4	41.4	6,000
16	1	34.5	5,000	1	41.4	6,000
20	1 1/4	27.6	4,000	1 1/4	41.4	6,000
24	1 1/2	20.7	3,000	1 1/2	41.4	6,000
32	2	20.7	3,000	2	41.4	6,000

MPa (Mega Paskels): 1 MPa = 145 PSI