

Table E-22.—Safe working loads for forged alloy steel shackles

Safe working loads for shackles (forged alloy steel)		
Material diameter (inches)	Inside width at pin (inches)	Safe working load, tons (2,000 lb)
3/16 = 0.187	3/8 = 0.375	0.33
1/4 = 0.250	15/32 = 0.468	0.50
5/16 = 0.312	17/32 = 0.531	0.75
3/8 = 0.375	21/32 = 0.656	1.00
7/16 = 0.437	23/32 = 0.718	1.50
1/2 = 0.500	13/16 = 0.812	2.00
5/8 = 0.625	1-1/16 = 1.062	3.25
3/4 = 0.750	1-1/4 = 1.250	4.75
7/8 = 0.875	1-7/16 = 1.437	6.50
1 = 1.000	1-11/16 = 1.687	8.50
1-1/8 = 1.125	1-13/16 = 1.812	9.50
1-1/4 = 1.250	2-1/32 = 2.031	12.0
1-3/8 = 1.375	2-1/4 = 2.250	13.5
1-1/2 = 1.500	2-3/8 = 2.375	17.0
1-3/4 = 1.750	2-7/8 = 2.875	25.0
2 = 2.000	3-1/4 = 3.250	35.0
2-1/2 = 2.500	4-1/8 = 4.125	50.0
3 = 3.000	5 = 5.000	75.0
3-1/2 = 3.500	5-3/4 = 5.750	100
4 = 4.000	6-1/2 = 6.500	130