

This chart must only be used as a guide, as there may be some variations of grade and quality in material from each supplier.

Shearing Capacity

Courtesy of Accurpress America, Inc.

Accurshear Model	6135	6250	8375	8500	8625	8750	81000
A36 Plate Tensile 58-80 KSI	N/A	0.250	0.375	0.500	0.625	0.750	1.000
A514-T1 Plate Tensile 110-130 KSI	0.135	0.188	0.281	0.375	0.500	0.625	0.750
A572 Tensile 60-75 KSI	0.135	0.250	0.375	0.500	0.625	0.750	1.000
A588 COR-TEN B Tensile 70-80 KSI	0.135	0.250	0.375	0.500	0.625	0.750	1.000
Annealed 40-50 Carbon H.R. Sheet & Plate	0.105	0.188	0.281	0.375	0.500	0.625	0.750
A.I.S.I. 4130 H.R. Sheet Annealed	0.105	0.188	0.281	0.375	0.500	0.625	0.750
A.I.S.I. 4140 H.R. Plate Annealed	N/A	0.188	0.281	0.375	0.500	0.625	0.750
A.I.S.I. 6150 H.R. Plate Annealed	N/A	0.188	0.281	0.375	0.500	0.625	0.750
A.I.S.I. 8620 H.R. Plate Annealed	N/A	0.188	0.281	0.375	0.500	0.625	0.750
Floor Plate	0.135	0.250	0.375	0.500	0.625	0.750	1.000
Stainless Steels 302, 304, 316, 410, 430	0.105	0.188	0.281	0.375	0.500	0.625	0.750
Aluminum 1100-0, 1100-H14, 1100-H16, 2024-0, 3003-H14, 5005-H34, 5052-0, 5052-H32, 5052-H34, 5086-H32, 6061-0, 6061-T6	0.210	0.375	0.562	0.750	1.000	1.125	1.500
Aluminum 2024-T3, 2024-T4, 7075-T6	0.188	0.250	0.375	0.500	0.625	0.750	1.000
Iconel 718	0.105	0.188	0.281	0.375	0.625	0.750	1.000
Hastalloy	0.105	0.188	0.281	0.375	0.625	0.750	1.000

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