

Hydraulic Shears Capacity Chart

Machines rates at 80,000 tensile

Model Size	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	1"
A36 plate (tensile 58-80 ksi)	-	.250	.375	.500	.625	.750	1.000
A514-T1 plate (tensile 110-130 ksi)	.105	.188	.281	.375	.500	.625	.750
A572 (tensile 60-75 ksi)	.135	.250	.375	.500	.625	.750	1.000
A588 COR-TEN B (tensile 70-80 ksi)	.135	.250	.375	.500	.625	.750	1.000
Annealed 40-50 Carbon HR sheet & plate	.105	.188	.281	.375	.500	.625	.750
A.I.S.I. 4130 HR Sheet Annealed	.105	.188	.281	.375	.500	.625	.750
A.I.S.I. 4140 HR Plate – Annealed	--	.188	.281	.375	.500	.625	.750
A.I.S.I. 6150 HR Plate – Annealed	--	.188	.281	.375	.500	.625	.750
A.I.S.I. 8620 HR Plate – Annealed	--	.188	.281	.375	.500	.625	.750
Floor Plate	.135	.250	.375	.500	.625	.750	1.000
Stainless Steels 302, 304, 316, 410, 430	.105	.188	.281	.375	.500	.625	.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	.210	.375	.562	.750	1.000	1.125	1.500
Aluminum 2024-T3 2024-T4 7075-T6	.188	.250	.375	.500	.625	.750	1.000
Inconel 718	.105	.188	.281	.375	.500	.625	.750
Hastalloy	.105	.188	.281	.375	.500	.625	.750