

Typical Tensile Strengths Steels

AISI TYPE	Tensile (psi)	Tensile (N/mm ²)
1010	53,000 CD	365.7
1020	61,000 CD	420.9
405	70,000 ACD	483.0
302 HQ	75,000 ACD	517.5
Carpenter #10	75,000 ACD	517.5
430	75,000 ACD	517.5
5120	73,000	538.2
1030	76,000 CD	524.4
8620	78,000 A	503.7
410	78,000 ACD	538.2
3120	78,000	538.2
1038	83,000 CD	572.7
302	85,000 ACD	586.5
305	85,000 ACD	586.5
1040	85,000 CD	586.5
4037	85,000 ACD	586.5
1541	94,000 ACD	648.6
A286	95,000 ACD	655.5
4130	98,000 ACD	676.2
4140	102,000 ACD	703.8
431	110,000 ACD	759.0

A = Annealed

CD = Cold Drawn

ACD = Annealed, Cold Drawn