

Material Category	A Round Bar	B Flat Bar	C Round Pipe	D Square Tube	E Angle Iron	
						
Material	A-36 Hot-Rolled	A-36	Schedule 40 A-53 Grade B	A-500 Grade	A-36	
Performance Level	Diameter (in.)	Thickness × Width (in. × in.)	Nominal size (in.)	OD × Wall Thickness (in. × in.)	Dimension × Wall Thickness (in. × in.)	Square Dimension × Thickness (in. × in.)
1	3/8	1/4 × 1/2	3/8	0.68 × 0.09	1/2 × 0.06	1/2 × 1/8
2	1/2	1/4 × 1	3/4	1.05 × 0.11	1 3/4 × 0.06	1 × 1/8
3	5/8	1/4 × 2	1	1.32 × 0.13	1 × 0.08	1 1/4 × 3/16
4	3/4	1/4 × 3	1 1/4	1.66 × 0.14	1 1/4 × 0.12	1 1/2 × 3/16
5	7/8	1/4 × 4	1 1/2	1.90 × 0.15	1 1/2 × 0.12	1 1/2 × 1/4
6	1	3/8 × 3	2	2.38 × 0.15	1 3/4 × 0.12	1 3/4 × 1/4
7	1 1/4	3/8 × 4	2 1/2	2.88 × 0.20	2 × 0.15	1 1/2 × 3/8
8	1 1/2	3/8 × 5	3	3.50 × 0.22	2 1/2 × 0.19	2 × 3/8
9	1 3/4	3/8 × 6	3 1/2	4.00 × 0.23	3 × 0.19	2 1/2 × 3/8

For SI units 1 in. = 25.4 mm.