

## Shear Stock Forces

Brass Shear Stress = 43,000 lbs / sq. in.

Steel Shear Stress = 58,000 lbs / sq. in.

Material	Size (ins)	Force (lbs)
Steel	3/16"	1,601
Steel	1/4"	2,847
Steel	5/16"	4,448
Steel	3/8"	6,406
Steel	7/16"	8,719
Steel	1/2"	11,388

Material	Size (ins)	Force (lbs)
Brass	3/16"	1,187
Brass	1/4"	2,110
Brass	5/16"	3,298
Brass	3/8"	4,749
Brass	7/16"	6,464
Brass	1/2"	8,443