

Tensile - Charpy Impact - Jominy Specimen Sizes

<i>Tensile Specimens</i>	<i>Minimum Sample Requirements</i>
.500" Headed Tensile Specimen	6" long x 7/8" Diameter
.500" Threaded Tensile Specimen	5 1/2" long x 3/4" Diameter
.350" Headed Tensile Specimen	5" long x 5/8" Diameter
.350" Threaded Tensile Specimen	4 1/2" long x 5/8" Diameter
.250" Headed Tensile Specimen	3 1/2" long x 1/2" Diameter
.250" Threaded Tensile Specimen	3" long x 1/2" Diameter
.160" Threaded Tensile Specimen	1-1/2" long x 3/8" Diameter
<i>Charpy Impact Specimens</i>	<i>Minimum Sample Requirements</i>
Full Sample Specimen	1/2" x 1/2" thick x 2.065" long (10mm x 10mm)
3/4 Size Specimen	1/2" x .336" thick x 2.065" long (10mm x 7.5mm)
2/3 Size Specimen	1/2" x .303" thick x 2.065" long (10mm x 6.7mm)
1/2 Size Specimen	1/2" x .237" thick x 2.065" long (10mm x 5mm)
1/3 Size Specimen	1/2" x .171" thick x 2.065" long (10mm x 3.3mm)
1/4 Size Specimen	1/2" x .138" thick x 2.065" long (10mm x 2.5mm)
<i>Jominy Specimens</i>	<i>Minimum Sample Requirements</i>
CNC Machined Samples	5-1/2" long x 1-3/8" Diameter
Manual Machined Samples	4-1/2" long x 1-3/8" Diameter