

Quarter Hard Temper Strip Steel

Item #: item-1063

Slit Coils or Flat Strips

This temper has had a moderate amount of cold rolling after annealing. Will bend at right angles either way of the grain, and down on itself across the grain. Will take a moderate amount of shallow draw. Used for parts requiring more severe bends than possible with harder tempers and when greater stiffness is required than in softer tempers.

Specifications

Item #:	item-1063
Item Name:	Quarter Hard Temper Strip Steel
Thicknesses:	.010 to .187 in .2540 to 4.7498 mm
Weight Per Unit Area:	.4080 to 7.6296 lb/ft ²
Mean Tensile Strength:	54000 psi
Type of Steel:	Low Carbon
Rolling Process:	Cold Roll
Rockwell Hardness:	60/75 Rockwell B
Quality:	Quarter Hard Prime Quality
Standards:	AISI1008/1010 ASTM A 109 Meets all AISI Standards

Chemical Composition

- Phosphorous - Up to 0.04%
- Sulfur - Up to 0.05%
- Carbon - Up to 0.10%
- Manganese - 0.30 to 0.50%

Manufacturing Notes

- Suggested Rockwell Tests:
 - B Scale for .040 in and thicker
 - 30T Scale for .025 to .039 in
 - Under .025 in use 15T Scale.
- To Convert Kilograms to Pounds multiply by 2.2046 (kg. x 2.2046 = pounds)