

1050 Carbon Cold Rolled Annealed Strip Steel

Item #: item-1068

It can be easily formed, blanked, shaped or slightly drawn, heat treated, hardened and tempered. Used for flat springs, coiled springs, spring latches, prong lock washers, etc.

Specifications

Item #:	item-1068
Item Name:	1050 Carbon Cold Rolled Annealed Strip Steel
Thicknesses:	.010 to .187 in .2540 to 4.7498 mm
Weight Per Unit Area:	.4080 to 7.6287 lb/ft ²
Matellurgical Process:	Soft Annealed Spheroidized Structure
Rockwell Hardness:	Maximum 84 Rockwell B
Standards:	AISI 1050 ASTM A 684
Type of Steel:	Carbon

Chemical Composition

- Phosphorous - Up to 0.04%
- Sulfur - Up to 0.05%
- Carbon - 0.47/.55%
- Manganese - 0.60/.90%

Manufacturing Notes

- Suggested Rockwell Tests:
 - B Scale for .040 in and thicker
 - 30T Scale for .025 to .039 in
 - 15T Scale for .024 in to .010 in