



# WIRE AND WIRE PRODUCTS

New # 22 , (Old # 21-J/2) , SIDCO Industrial Estate ,  
Ambattur , Chennai - 600 098.

**ISO 9001:2015 CERTIFIED COMPANY**

## CARBON STEEL SPRING WIRE

**PRODUCT** : SPRING WIRE FOR GENERAL ENGINEERING & AUTOMOBILE

### APPLICABLE STANDARDS

IS 4454-1      EN10270-1      DIN:17223

### APPLICABLE GRADES

SL ,SM , SH , DM , DH

### DESCRIPTION

Cold Drawn non Alloy spring wire is widely used for manufacturing tension and compression coil springs which are subjected to mild to heavy Load and even for Impact loaded springs e.g .Bed Spring , Tension Spring , Torque Spring , Two Wheeler Shockers, Car Seats , Machine Springs etc

### DIAMETER RANGE (mm)

1.20 to 5.00 mm for General Engineering Works

### CHEMICAL COMPOSITION %

Grade	C	Mn	Si	P	S
SL	0.35 - 1.00	0.30 - 1.20	0.10 - 0.30	0.030 Max	0.030 Max
SM	0.35 -1.00	0.30 - 1.20	0.10 - 0.30	0.030 Max	0.030 Max
SH	0.35 -1.00	0.30 - 1.20	0.10 -0.30	0.030 Max	0.030 Max
DM	0.45 - 1.00	0.30 - 1.50	0.10 - 0.30	0.025 Max	0.030 Max
DH	0.45 -1.00	0.30 - 1.50	0.10 - 0.30	0.025 Max	0.025 Max

### GRADES

Grade	PROPERTIES
SL	Low tensile strength on static duties
SM	Medium tensile strength on static duties
SH	High tensile strength on static duties
DM	Medium tensile strength on dynamic duties
DH	High tensile strength on dynamic duties

### MECHANICAL PROPERTIES

We can make products as per customer requiremt also

### COIL ID

450 to 550 mm

### PACKING

Coils wrapped with stretch film and gunny roll with proper identification tags and colour code tape in coil weights from 250 - 500 Kgs.