



# HIGH STRENGTH COIL ROD

## TECHNICAL DATA SHEET

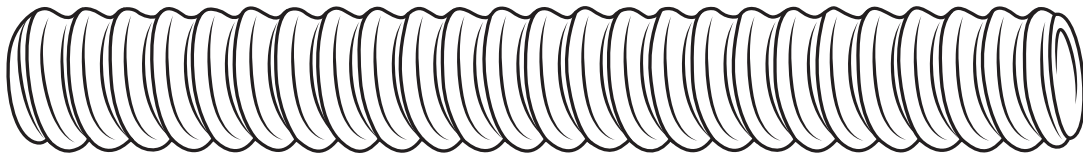
### **DESCRIPTION:**

High Tensile Coil Rod is a continuous threaded rod, made from high-carbon, cold-rolled 1045 steel. Coil Rod is manufactured in 12ft. lengths and is available on 1/2", 5/8", 3/4", 1", 1-1/4", and 1-1/2" diameters.

### **APPLICATION:**

Coil Rod is a versatile, as well as durable, threaded rod. Primarily used in concrete forming applications. Coil Rod is used as Inner Tie Rods for She-Bolts, as form ties with Wing Nuts and Plate Washers and can be used in Bridge Deck forming with hangers. Field cutting can be accomplished by using a carborundum blade.

**NOTE: Always verify compatibility of coil products when using with other brands.**



DIAMETER	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"
S.W.L. TENSION (LBS.)	9,000	12,000	18,000	38,000	56,000	68,000
S.W.L. SHEAR (LBS.)	6,000	8,000	12,000	25,300	37,500	45,300
TENSILE STRESS (PSI.)	135,000	130,000	132,000	120,000	132,000	126,000
YIELD STRESS (PSI.)	113,000	111,000	116,000	111,000	131,000	111,000
MIN. COIL PENETRATION	2"	2-1/4"	2-1/4"	2-1/2"	2-1/2"	3"
POUNDS PER FOOT	0.53	0.85	1.15	2.04	3.47	6.01
<b>SAFE WORKING LOAD IS BASED ON APPROXIMATELY A 2:1 FACTOR</b>						

