



# SEWER CLEANING ROD

## PRODUCT DESCRIPTION

Southland Tool Mfg. Inc. presents the **Sewer Cleaning Rod**. This blue steel diamond sewer rod measures 5/16" x 36".



**Part number:** STR1-1

### Material

ASTM A229 O TMB Cl II. High quality steel compounded for high resistance to acid and corrosives found in sewers. Steel to provide high torque for cleaning and unblocking stoppages and flexibility to make extreme bends without crystallization.

### Size

Rod diameter: 0.3165" +/- 0.002 inches

Rod length: 36" minimum +/- 0.125 inches

Tensile strength: min. 235,000 PSI - 245,000 PSI per individual section

Rock well C47.5 +/- 1

Foot lb. of torque: 100 ft. lbs.

Ultimate tensile strength with rods coupled in sections: 17,000 lb. minimum +/- 4% permissible

### Finish

Coupling and nut dimensions, threads, hardening and plating tolerances will provide for full interchange with couplings and sewer rods currently used by buyer

### Shipping and packing

Sectional rod and coupling assemblies shall be packaged in boxes of fifty (50) each maximum. Each box shall be clearly identified as to the manufacturer and grade of steel rod.

### **Rod finish**

All rods are electrostatically charged and coated with an acid resistant heat fused coating. Blue metallic color at 400° for 25 minutes prior to bending.



### **Rod couplings and nuts**

Outside diameter of coupling: .8750"

Coupling length: 2.25" +/- 0.05

Couplings shall have a solid rod partition for the curved rod bend to provide a firm heel support.



The rods ends shall have a smooth, uniform and curved bend with an inside and outside radius not to exceed 90°. These tapers are extremely important in attaining proper assembly.

End of rod must not protrude beyond outside of coupling when assembled.

One side of coupling and connect or nuts shall have UNC-2-LH threads. The opposite end of the coupling and connect or nuts shall have UNC-2-RH threads.

Coupling and nuts are case hardened and then cadmium plated and backed to avoid hydrogen embrittlement. Center hole size and concentricity in addition to internal and external treading of coupling and nuts with correct pitch are extremely important and guaranteed.



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