



Polished Rod Selection Guide

PISTON STEEL

Piston Steel is manufactured from special quality medium carbon steel (1045) and designed for light to heavy loads where well fluids are non-corrosive. This Polished Rod has a minimum tensile strength of 100,000 PSI and is the best choice for heavy pumping applications where corrosion is not a problem.

4140 ALLOY

Alloy Steel is manufactured from a chromium-molybdenum alloy steel (4140) and designed for light to heavy loads, at any depth in mild to medium corrosive well fluids, which are effectively inhibited against corrosion. This Polished Rod has a minimum tensile strength of 125,000 PSI and has been alloyed to improve its ability to harden and increase its resistance to corrosion and abrasion.

PRL- HARD FACED

The Hard Faced Polished Rod is made from 1045 Carbon Steel with a Hard Faced surface applied to the O.D. This Polished Rod is recommended for abrasive and corrosive conditions under moderate to heavy loads. The **PRL-HARD FACED** Polished Rod has the best corrosion and abrasion resistance of any Polished Rod on the market today!

431 STAINLESS STEEL

High strength stainless steel with a minimum tensile strength of 115,000 PSI. This product out performs 1045 or 4140 in corrosive environments. It has excellent tensile and torque strength, which makes it ideally suited for PC Pumps (Progressive Cavity). This grade exhibits excellent resistance to a wide variety of corrosive media, including salt water. It is designed for any loads at any depth where corrosion is a problem.

N50

N50 Stainless Steel Polished Rods are designed to solve the most serious corrosion problems. This Polished Rod conforms to NACE standards, this high-strength unannealed bar has a minimum tensile strength of 135,000 PSI, excellent corrosion resistance and mechanical properties superior to anything on the market.