Drill Mandrel Thermal Spray Coated With HVOF Applied Tungsten Carbide For Increased Wear Resistance.

“QPQ” PROCESS
Quench-Polish-Quench (QPQ) is a type of carbon nitriding process for case hardening and increasing the corrosion resistance of a steel workpiece.

Overview of Mechanical Packer Mandrel Assembly For Drilling

Drill Mandrel – Before Coating
(Per Customer Specification The Mandrel Is Prepped With “QPQ” Process “Quench-Polish-Quench” Prior To Coating)

Drill Mandrel – After Coating

Drill Mandrel – Oil & Gas Industry