



Product Specification and technical data

- Diameter : $\Phi 10\text{mm} \sim \Phi 500\text{mm}$
- Ratio of length to diameter : $L/D=8-60$
- Quenching and tempering hardness: HB240-280°
- Nitration hardness: HV900-1,050°
- Depth of Nitrated Layer: 0.5-0.8mm
- Thickness of Cr-coated Layer: 0.03-0.08mm
- Nitration fragility: \leq grade 1
- Surface roughness: Ra 0.4um
- Straightness: 0.015mm
- Cr-coating layer hardness: HV \geq 950HV
- Depth of Bimetallic Layer: 3-5mm
- Bimetallic hardness: HRC52-64°

Heat-treatment:

- Nitriding treatment
- Electroplated hard-chrome finish
- vacuum , High-frequency quenching
- Baking , Spray welding Bimetallic-alloy

Material :quality alloy steels

- ① 41CrAlMo7
- ② EN41-B
- ③ AISI4140
- ④ 1.85
- ⑤ SKD61 , SKD11
- ⑥ 38CrMoAlA
- ⑦ W6Mo5Cr4V2

