



DE STEEL

Technical data

Material: Hardened steel (FE 510)

Hardness: 58-62 HRC

Max load	Movement
650 N/mm ²	Static
80 N/mm ²	Dynamic

Max speed: 0,1 m/s

Max temperature: 150°C

Recommendations:

Housing: Inner diameter H8.

Bearing:

Inner diameter: C8

Outer diameter: n6 alt. u6 for bearing with grease groove and lubrication hole.

Shaft: -0,02 to -0,05 gives a clearance of 0,10-0,15.

Ginded and hardend to al least 54 - 65 HRC depending if you want the wear to be on the bearing or the shaft.

Surface roughness Ra minimum 1.6 µ.

Benefits:

- Extreemly high loading capacity
- Excellent for applications with low speeds and high loads
- Resistant to shock, impact and vibration

Special:

- Drawing details
- Stainless steel
- Lubrication hole, Grease groove

Typical applications:

- Earth moving machines
- Hydraulic presses
- Agricultural machines and equipment
- Rock drilling machines and equipment
- Hydraulic cylinders
- Excavators

