

INNOVATION

TF Series Bearings



NSK's TF Series Bearings have been designed for outstanding toughness under harsh conditions. They combine longer service life & superior resistance against wear, seizure & heat (also in contaminated lubrication).

Condition Description

- Contamination
- High Load
- High Temperature
- Lubrication

Industries

- Material Handling
- Power Generation
- Power Transmission
- Quarrying and Mining
- Steel and Metals
- Wind Energy

Features

- Special material.
- Innovative heat treatment technology.
- Outperforming standard bearing steel.
- TF, NTF, HTF STF, WTF – material to cater to all your environments.
- TF series materials can be applied to a wide range of bearings:
 - Cylindrical & taper roller bearings
 - Spherical roller bearings
 - Deep-groove ball bearings
 - Angular contact ball bearings

Benefits

- Up to 10 times service life with contaminated lubrication.
- Up to twice the service life under clean lubrication.
- Up to 4 times the service life at 160°C.
- Less than one-third the rate of wear.
- 40% improvement in seizure resistance.

