



TAPERED ROLLER BEARINGS

When it comes to coping with combined loads, Tapered Roller Bearings offer an optimum solution for a wide range of industrial applications. NBC Tapered Roller Bearings are designed to sustain the aggressive operating conditions and guarantees high reliability and increased equipment uptime.

● FEATURES AND BENEFITS

Optimized geometries of raceway and rolling elements for improved load capacity

Precise cage play for enhanced bearing life

Optimized design of large cone flange and roller large end for reduced friction and bearing torque



Case hardened (on demand) for shock load resistance, high interference fits

The superior surface finish on rollers/races for reduced friction, lower operating temperature

Special profiling on rollers/races for reduced stresses and uniform load distribution

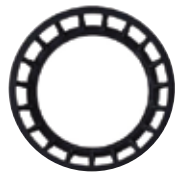


● Available Cage Variants



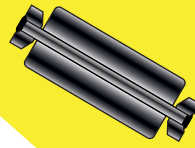
STAMPED STEEL

- Most common design
- High strength



POLYAMIDE

- Reduced vibration and noise
- Reduced friction



PIN TYPE

- Increased roller count
- Enhanced load rating

● Design Configurations

**SINGLE ROW
TAPERED ROLLER BEARING**



**DOUBLE ROW
TAPERED ROLLER BEARING**



Back-to-back arrangement



Face-to-face arrangement

FOUR ROW TAPERED ROLLER BEARING



Size range	30-2000 mm OD
Cage variants	Steel, Polyamide, Pin-type
Design configuration	Single Row, Double Row (TDI and TDO), Four Row

● Industries

- Industrial Gear Box
- Mining & Construction
- Off Highway Equipment
- Metallurgical Plants
- Pumps & Compressors
- Power Plants

