

BEARINGS STEEL GRADES

100Cr6 | C55



Superclean steels devoted to 1st, 2nd and 3rd generation bearings manufacturing

APPLICATION

- **Wheel hubs, inner and outer rings** for 3rd generation bearings.
- **Rings and rolling races** for 1st and 2nd generation bearings.
- **Different geometry rollers.**



ADVANTAGES

Excellent metallurgical quality

Microstructural homogeneity

High cleanliness level

High resistance to Rolling Contact Fatigue (RCF)

Steels suitable to most demanding specifications of highly stressed components

APPLIED TECHNOLOGY

- **Secondary metallurgy processes continuous design and developing** in order to get inclusions free steels.
- **Specific continuous casting technologies application** so that segregation is minimized and as cast product inner quality is enhanced.
- **Bottom pouring casting new technologies developing** intended to keep our steels cleanliness level.