

# BEARINGS STEEL GRADES

100Cr6 | C55



Superclean steels devoted to 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> generation bearings manufacturing

## APPLICATION

- **Wheel hubs, inner and outer rings** for 3<sup>rd</sup> generation bearings.
- **Rings and rolling races** for 1<sup>st</sup> and 2<sup>nd</sup> 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.