

青岛 Qingdao

上海 Shangha

台北 Taipei



Aerospace Market Products

Timke

52100 150 RBEC7

Timken has served the aviation industry for more than 80 years, and the strict quality standards and outstanding performance of Timken products and services are well recognized by aerospace and aviation customers. Most aerospace bearings are made of the 52100 vacuum melt steel or double vacuum melting of the M50 HSS, according to the requirement of ABEC/RBEC7 class, and have high performance machined cages. The company's technology extends to the development of new materials and application domain, and to the heat treatment process dealing with demands of aerospace environment.



10

300

ABEC1-7

RBEC1-7

M-50 52100

440C M-50NIL

- **Current Product Capabilities**

  Min ID: 10mm

  Max OD: 300mm

- **Product Range**

  Aerospace Ball Bearings: ABEC1-7, incl. split inners

  Aerospace Cylindrical Roller Bearings: RBEC1-7

- **Materials**

  M-50, 52100, 440C, M-50NIL







Bearings Inspection Service

CFM56 80

320 737

FAA( ) CAAC( )

10

Timken Chengdu Aerospace and Precision Products Center is qualified to inspect more than 80 part numbers for the CFM56 aircraft engine platform, as well as bearings for auxiliary power unit (APU) of Air Bus 320 and Boeing 737. Being China's first aerospace bearing inspection service institution awarded both FAA (Federal Aviation Administration) and CAAC (Civil Aviation Administration of China) certificates to provide engine and APU bearing inspection, we can fulfill the inspection service within 10 days, therefore, greatly reducing the cost of shipping, bearing replacement, and engine maintenance for customers.





As other Timken's plants around the globe, Timken Chengdu Aerospace and Precision Products Center creates value for customers based on our advantages on engineering, manufacturing and services, making mechanical equipments running more reliably and e□ciently. In addition to the advanced equipments, we produce our products according to strict manufacturing process. Currently, our key manufacturing processes include:

- Heat treating
- Grinding
- Finishing
- Assembly
- Non-destructive testing: Barkhausen Noise tesing; Eddy Current; Nital Etch; Magnetic Particle Inspection

Timken (Chengdu) Aerospace and Precision Products Co., Ltd.

No. 8-16 Kexin Road, Comprehensive Bonded Zone, Chengdu High-Tech Zone, Chengdu, Sichuan

ZIP Code: 611731

TEL: 86-28-87895333

FAX: 86-28-87958688