

ICS 25.080.50
CCS J55

JB

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JB/T 14477.3-2026

**Ball surface grinding machines for tapered roller - Part 3:
Non-magnetic pass through machines - Testing of the accuracy**

圆锥滚子球基面磨床第3部分：无磁通过式机床精度检验

(English Translation)

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Foreword

JB/T 14477.3-2026 is a recommended industry standard of the People's Republic of China in the Machinery sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 December 2026.

It is administered by the National Technical Committee for Metal Cutting Machine Tools Standardization.

Classification: ICS 25.080.50; CCS J55.

1 Scope

JB/T 14477.3-2026 is Part 3 of the series on ball surface grinding machines for tapered rollers. It concerns the testing of accuracy of the non-magnetic pass-through type of machine, which grinds the ball (spherical) end face of tapered roller bearing rollers as they pass continuously through the machine without magnetic holding.

Machine tool manufacturers use it to check the accuracy of the machines they build, and bearing makers and other buyers can refer to it when accepting a machine. Test laboratories and inspectors working on machine tools are also among its users. It is a voluntary standard, as shown by /T. The Ministry of Industry and Information Technology issued it on 1 June 2026, and it takes effect on 1 December 2026. It is a new standard.