

ICS 25.100.01
CCS J50

JB

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

JB/T 15628-2026

**Numerical control of machines - Methods for tool breakage
monitoring**

数控机床刀具破损监测方法
(English Translation)

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Foreword

JB/T 15628-2026 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 Tool Standardization.

Classification: ICS 25.100.01; CCS J50.

1 Scope

This document deals with the monitoring of tool breakage on numerically controlled machine tools. It is a method standard: it concerns how a broken cutting tool is detected during machining and how such a monitoring function is tested, rather than a product requirement.

Control system developers, machine tool manufacturers, makers of monitoring devices and test laboratories are the users who will apply it. It is voluntary. It was approved by the Ministry of Industry and Information Technology, issued on 1 June 2026 and takes effect on 1 December 2026. It is a new standard.