

AS 2025—1991

Australian Standard<sup>®</sup>

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**Metallic materials—Rockwell  
superficial hardness test—N and T  
scales**

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This Australian Standard was prepared by Committee MT/6, Mechanical Testing of Metals. It was approved on behalf of the Council of Standards Australia on 25 July 1991 and published on 7 October 1991.

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The following interests are represented on Committee MT/6:

Aluminium Development Council  
Bureau of Steel Manufacturers of Australia  
Confederation of Australian Industry  
Department of Defence  
Division of Applied Physics, CSIRO  
Metal Trades Industry Association of Australia  
National Association of Testing Authorities, Australia  
Railways of Australia Committee  
Society of Automotive Engineers, Australasia  
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Additional interests participating in preparation of Standard:

Calibrating organizations  
Metal manufacturing industries  
Testing and research organizations

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## PREFACE

This Standard was prepared under the direction of the Standards Australia Committee on Mechanical Testing of Metals to supersede AS 2025, *Method for Rockwell superficial hardness test, Part 1—1977, Testing of metals, N and T scales* and to include calibration requirements for the testing machine.

The hardness scales in the Standard are limited to the N and T scales, since these are used extensively in Australia.

This edition was prepared at the request of the National Association of Testing Authorities, Australia, to alleviate problems associated with calibration in relation to availability and cost of certified diamond indenters, and cost, adequacy and range of hardness blocks available for user checks.

During 1989 the International Organization for Standardization published the following three Standards:

- ISO 1024 *Metallic materials—Hardness test—Rockwell superficial test (scales 15N, 30N, 45N, 15T, 30T and 45T)*
- ISO 1079 *Metallic materials—Hardness test—Verification of Rockwell superficial hardness testing machines (scales 15N, 30N, 45N, 15T, 30T and 45T)*
- ISO 1355 *Metallic materials—Hardness test—Calibration of standardized blocks to be used for Rockwell superficial hardness testing machines (scales 15N, 30N, 45N, 15T, 30T and 45T)*

This Australian Standard is technically equivalent to these ISO Standards but covers all the subjects in the one volume.

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