

DIN EN ISO 28079:2026-06 (E)

Hardmetals - Palmqvist toughness test (ISO 28079:2026)

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms, definitions and symbols.....	1
3.1 Terms and definitions.....	1
3.2 Symbols.....	1
4 Test pieces and sample preparation.....	2
4.1 Test piece size and sampling.....	2
4.2 Surface preparation.....	2
4.3 Surface condition.....	2
5 Apparatus.....	3
5.1 General.....	3
5.2 Indentation.....	3
5.3 Indentation and crack measurement.....	3
6 Procedure and conditions of testing.....	3
6.1 Indentations.....	3
6.2 Indentation and crack length measurement.....	3
6.3 Test validity.....	5
7 Analysis.....	5
7.1 Vickers hardness.....	5
7.2 Toughness.....	5
8 Measurement uncertainty.....	6
9 Test report.....	6
Annex A (informative) Report pro forma — Palmqvist toughness measurements on hardmetals.....	7
Bibliography.....	9