INTERNATIONAL STANDARD

ISO 7755-8

Second edition
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Hardmetal burrs —

Part 8: Flame burrs (style H)

Fraises-limes en métaux-durs —

Partie 8: Fraises-limes flammes (forme H)

Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

The committee responsible for this document is ISO/TC 29, *Small tools*, Subcommittee SC 9, *Tools with cutting edges made of hard cutting materials*.

This second edition cancels and replaces the first edition (ISO 7755-8:1984), of which it constitutes a minor revision.

ISO 7755 consists of the following parts, under the general title *Hardmetal burrs*:

— *Part 1: General specifications*

— *Part 2: Cylindrical burrs (style A)*

— *Part 3: Cylindrical round- (ball-) nose burrs (style C)*

— *Part 4: Spherical burrs (style D)*

— *Part 5: Oval burrs (style E)*

— *Part 6: Arch round- (ball-) nose burrs (style F)*

— *Part 7: Arch pointed-nose burrs (style G)*

— *Part 8: Flame burrs (style H)*

— *Part 9: 60° and 90° cone burrs (styles J and K)*

— *Part 10: Conical round- (ball-) nose burrs (style L)*

— *Part 11: Conical pointed-nose burrs (style M)*

— *Part 12: Inverted cone burrs (style N)*

Hardmetal burrs —

Part 8:
Flame burrs (style H)

1 Scope

This part of ISO 7755 specifies the main dimensions of the cutting part for hardmetal burrs of flame shape and designated by the symbol H.

Tolerances on the cutting diameter, direction of helix and cut, diameter and length of the cylindrical shank and designation of burrs are dealt with in ISO 7755-1.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 7755-1, *Hardmetal burrs — Part 1: General specifications*

3 Dimensions

See Figure 1 and Table 1. Tolerances on the cutting diameter, direction of helix and cut, diameter and length of the cylindrical shank and designation of burrs are specified in ISO 7755-1.

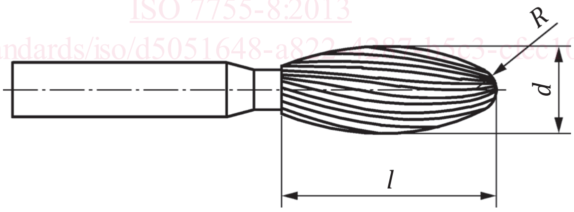

Figure 1 — Hardmetal burr, style H

Table 1 — Dimensions

Dimensions in millimetres

d	l	$R \approx$
3	7	0,8[a]
6	18	1,0[a]
8	20	1,5
10	25	2,0
12	32	2,5
16	36	2,5

[a] These burrs may be manufactured with either a flat or a pointed nose.

NOTE The profile is made up of an end radius, R, and of a radius tangent to the end radius extending beyond the point of tangency with the larger diameter.