INTERNATIONAL STANDARD

**ISO 2729**

Second edition
1995-11-15

# Woodworking tools — Chisels and gouges

*Outils pour le travail du bois — Ciseaux et gouges*



Reference number
ISO 2729:1995(E)

## 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.



International Standard ISO 2729 was prepared by Technical Committee ISO/TC 29, *Small tools*.



This second edition cancels and replaces the first edition (ISO 2729:1973), which has been technically revised.

Annex A of this International Standard is for information only.



International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

# Woodworking tools — Chisels and gouges

## 1 Scope

This International Standard specifies the characteristics of chisels and gouges for woodworking.

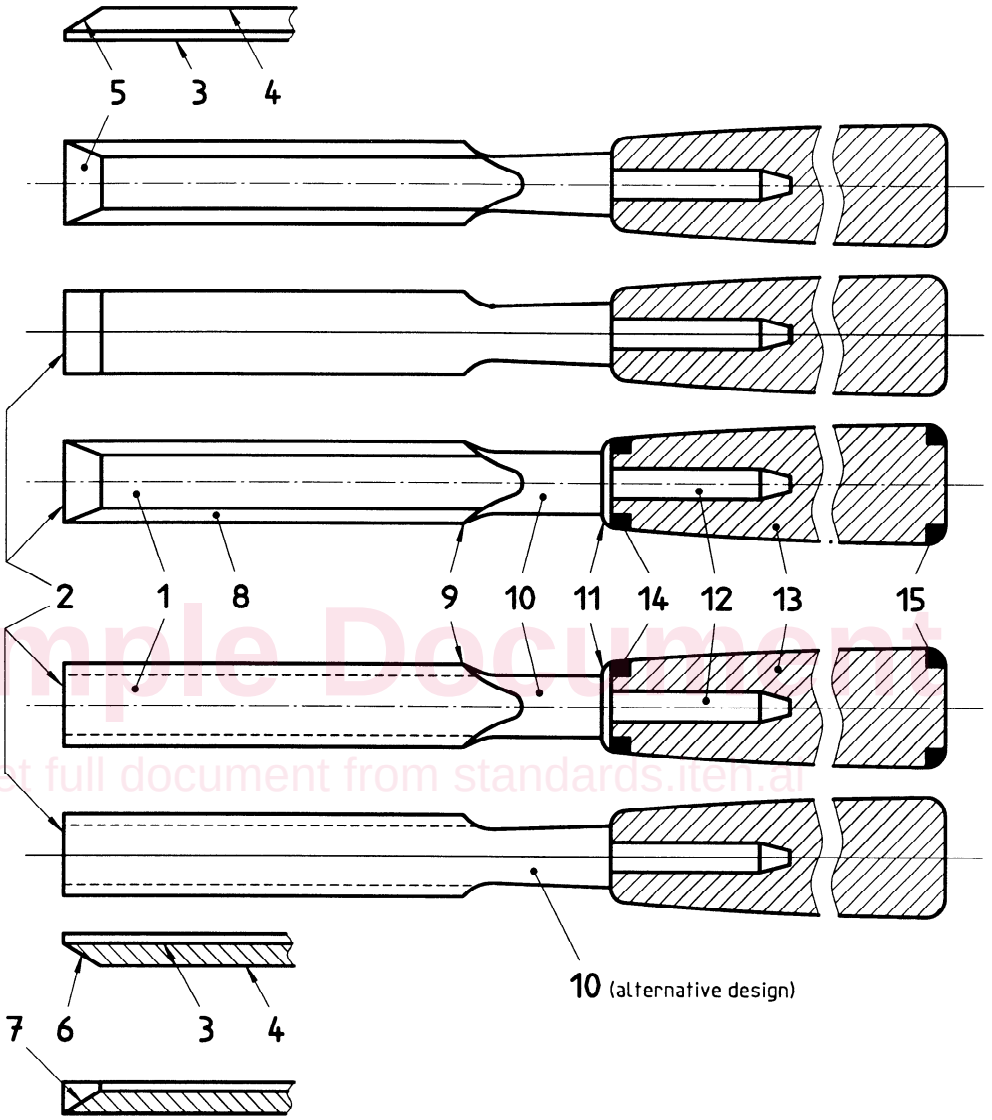


## 2 Nomenclature



See table 1.

**Table 1**

| Type | Illustration |
|---|---|
| Firmer and butt chisels, bevel edged and plain<br><br>Firmer gouges (half curved) |  |

**Key**

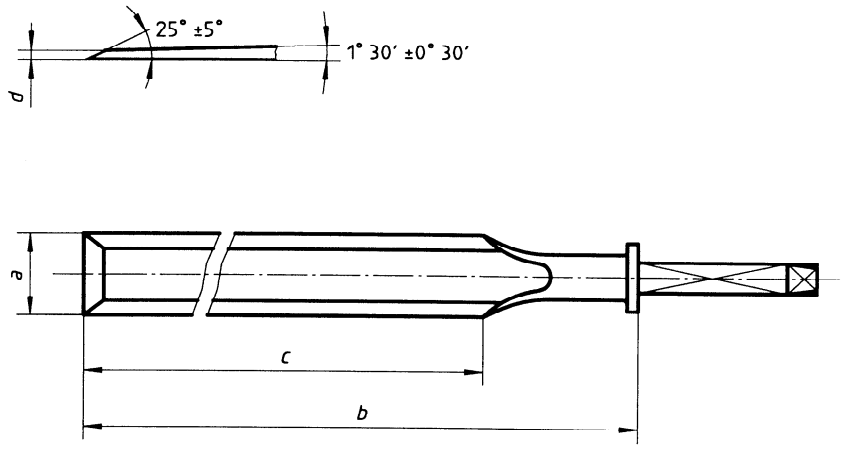
| | | | | | |
|---|---|---|---|---|---|
| 1 | Blade | 6 | Out-Cannel | 11 | Bolster |
| 2 | Cutting edge | 7 | In-Cannel | 12 | Tang |
| 3 | Face | 8 | Bevel | 13 | Handle |
| 4 | Back | 9 | Shoulder | 14 | Reinforcing ferrule |
| 5 | Cannel | 10 | Neck | 15 | Reinforcing hoop |

NOTE — The illustrations are given as examples and shall neither limit nor influence the design of the tool.

# 3 Dimensions

## 3.1 Firmer chisels with tang, bevelled and plain (long type)

See figure 1 and table 2.




NOTE — The design of the tang is left to the manufacturer's decision. It shall allow the tool to withstand the tests of clause 5 without failure.

**Figure 1**



**Table 2**

| *a* js 15 | | *b* [1] min. | *c* min. | *d* min. |
|---|---|---|---|---|
| mm | in | mm | | |
| (2) | — | 109 | 78 | 3,5 |
| 3 | 1/8 | 110 | 79 | 3,5 |
| 4 | — | 112 | 80 | 2,1 |
| (5) | 3/16 | 113 | 81 | 2,1 |
| 6 | 1/4 | 115 | 82 | 2,1 |
| 8 | 5/16 | 118 | 84 | 2,1 |
| 10 | 3/8 | 121 | 86 | 2,1 |
| 12 | — | 124 | 88 | 2,1 |
| (13) | 1/2 | 125 | 89 | 2,3 |
| 14 | 9/16 | 127 | 90 | 2,3 |
| (15) | — | 128 | 91 | 2,4 |
| 16 | 5/8 | 130 | 92 | 2,4 |
| 18 | — | 133 | 94 | 2,6 |
| (19) | 3/4 | 134 | 95 | 2,6 |
| 20 | — | 136 | 96 | 2,6 |
| (22) | 7/8 | 139 | 98 | 2,8 |
| 25 | 1 | 143 | 101 | 2,9 |
| (28) | 1 1/8 | 148 | 104 | 2,9 |
| (30) | — | 150 | 106 | 3,1 |
| 32 | 1 1/4 | 154 | 108 | 3,1 |
| (35) | 1 3/8 | 158 | 111 | 3,3 |
| (38) | 1 1/2 | 160 | 114 | 3,3 |
| 40 | — | 166 | 116 | 3,5 |

NOTE — Secondary series given in parentheses.

1) *b* min. = 106 + 1,5*a* (rounded to lower millimetre).