

INTERNATIONAL STANDARD

ISO
3318

Third edition
1990-12-01

Assembly tools for screws and nuts — Double-headed open-ended wrenches, double-headed ring wrenches and combination wrenches — Maximum widths of heads

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*Outils de manœuvre pour vis et écrous — Clés à fourche doubles,
polygonales doubles, et clés mixtes — Largeurs maximales
d'encombrement des têtes*

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Reference number
ISO 3318:1990(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 3318 was prepared by Technical Committee ISO/TC 29, *Small tools*.

This third edition cancels and replaces the second edition (ISO 3318:1982), table 1 of which has been technically revised.

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Assembly tools for screws and nuts — Double-headed open-ended wrenches, double-headed ring wrenches and combination wrenches — Maximum widths of heads

1 Scope

This International Standard specifies the maximum outside head dimensions for double-headed open-ended wrenches, double-headed ring wrenches and combination wrenches, listed in ISO 1703¹⁾ under numbers 4 and 8 to 14, except for wrench No. 12.

2 Maximum outside head dimensions

See figure 1 and figure 2 and table 1.

NOTE 1 The drawings do not necessarily indicate the shape of the wrench heads.

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1) ISO 1703:1983, *Assembly tools for screws and nuts — Nomenclature*.

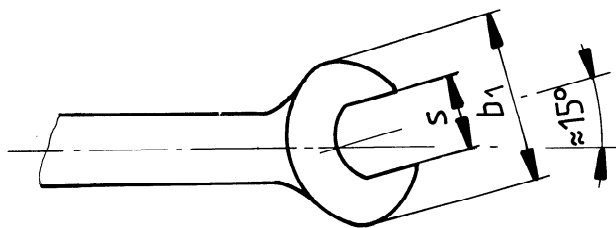


Figure 1 — Open-ended wrench

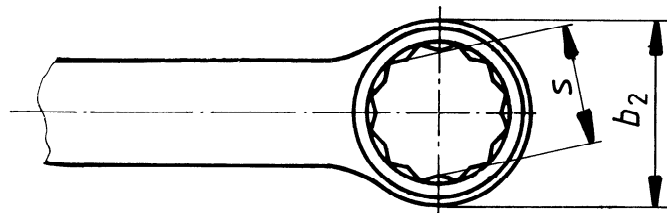


Figure 2 — Ring wrench

Table 1

Dimensions in millimetres

s	b_1 ¹⁾ max.	b_2 ²⁾ max.
3,2	14	7
4	15	8
5	18	10
5,5	19	10,5
6	20	11
7	22	12,5
8	24	14
9	26	15,5
10	28	17
11	30	18,5
12	32	20
13	34	21,5
14	36	23
15	39	24,5
16	41	26
17	43	27,5
18	45	29
19	47	30,5
21	51	33,5
22	53	35
24	57	38
27	64	42,5
30	70	47
32	74	50
34	78	53
36	83	56
41	93	63,5
46	104	71
50	112	77
55	123	84,5
60	133	92

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1) $b_{1 \max} \approx 2,1 s + 7$
2) $b_{2 \max} \approx 1,5 s + 2$

UDC 621.883.13/.16

Descriptors: tools, assembly tools, hand tools, wrenches, dimensions.

Price based on 2 pages