
INTERNATIONAL STANDARD



2342

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Slotted headless screws — Metric series

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Descriptors : slotted headless screws, dimensions.

Price based on 1 page

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2342 was drawn up by Technical Committee ISO/TC 2, *Bolts, nuts and accessories*.

It was approved in July 1971 by the Member Bodies of the following Countries:

Austria	Hungary	Norway
Belgium	India	Poland
Canada	Ireland	Portugal
Czechoslovakia	Israel	Romania
Denmark	Italy	South Africa, Rep. of
Egypt, Arab Rep. of	Japan	Sweden
Finland	Korea, Rep. of	Switzerland
France	Netherlands	Turkey
Germany	New Zealand	U.S.S.R.

No Member Body expressed disapproval of the document.

Slotted headless screws — Metric series

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions of slotted headless screws of the metric series.

2 REFERENCES

ISO/R 262, *ISO General purpose metric screw threads — Selected sizes for screws, bolts and nuts.*

ISO/R 888, *Nominal lengths for bolts, screws and studs — Thread lengths for general purpose bolts.*

ISO (In preparation.)

3 DIMENSIONS

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TABLE — Dimensions

Values in millimetres																
<i>d</i>	1	1.2	(1.4)	1.6	(1.8)	2	(2.2)	2.5	3	(3.5)	4	(4.5)	5	6	8	10
<i>b</i>	1.2	1.4	1.7	1.9	2.2	2.4	2.6	3	3.6	4.2	4.8	5.4	6	7.2	9.6	12
<i>n</i>	nominal	0.2	0.25	0.25	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.8	1	1.2
	min.	0.26	0.31	0.31	0.36	0.36	0.36	0.46	0.46	0.56	0.56	0.66	0.66	0.86	1.06	1.26
	max.	0.4	0.45	0.45	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	1	1.2	1.51
<i>t</i>	min.	0.63	0.63	0.75	0.88	0.88	1	1.1	1.1	1.25	1.5	1.75	1.9	2	2.5	3.1
	max.	0.78	0.79	0.94	1.06	1.07	1.2	1.31	1.33	1.5	1.78	2.05	2.23	2.35	2.9	3.6

Thread diameters in parentheses should be avoided if possible.

See ISO/R 262 for thread series.

See ISO/R 888 for length *l*.

See ISO ... for the different shapes and dimensions of screw ends.

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