
INTERNATIONAL STANDARD



3317

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

Assembly tools for screws and nuts — Square drive extension hexagon insert, for power socket wrenches

Outils de manœuvre pour vis et écrous — Adaptateurs à carré mâle avec entraînement hexagone mâle, pour douilles machines

iTeh STANDARD PREVIEW
(standards.iteh.ai)

First edition — 1974-12-15

[ISO 3317:1974](#)

<https://standards.iteh.ai/catalog/standards/sist/6130cade-8b78-47a9-b04c-bf29691c2cd8/iso-3317-1974>

UDC 621.883

Ref. No. ISO 3317-1974 (E)

Descriptors : tools, assembly tools, wrenches.

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 3317, was drawn up by Technical Committee ISO/TC 29, *Small tools*, and circulated to the Member Bodies in November 1973.

It has been approved by the Member Bodies of the following countries :

Belgium	Ireland	Sweden
Bulgaria	Israel	Switzerland
Chile	Italy	Thailand
Czechoslovakia	Japan	Turkey
Egypt, Arab Rep. of	Mexico	United Kingdom
France	Netherlands	U.S.S.R.
Germany	Romania	Yugoslavia
Hungary	South Africa, Rep. of	
India	Spain	

No Member Body expressed disapproval of the document.

Assembly tools for screws and nuts – Square drive extension hexagon insert, for power socket wrenches

1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down dimensions for square drive extension hexagon inserts for power socket wrenches, listed under number 402 in ISO 1703, and specifies the hardness of driving squares and hexagon drive ends.

2 REFERENCES

ISO 1173, *Assembly tools for bolts and screws – Hexagon drive ends for power tools.*

ISO 1174, *Assembly tools for bolts and screws – Driving squares for power socket wrenches and hand operated wrenches.*

ISO 1703, *Assembly tools for screws and nuts – Nomenclature.*

3 DRIVING SQUARES AND HEXAGON DRIVE ENDS

The driving squares and hexagon drive ends shall be in accordance with ISO 1174 and ISO 1173 respectively.

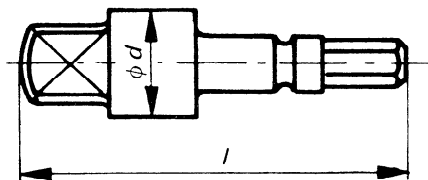
They shall have a minimum hardness of 48 HRC.

4 DIMENSIONS

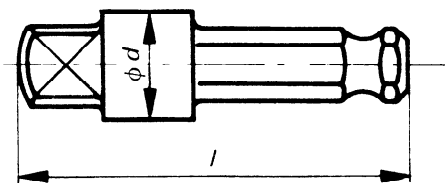
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Form A



Form E



Dimensions in millimetres

Square ISO 1174	Form	Hexagon ISO 1173	l ± 1	d min.
6,3	A	5,5	50	8,5
	E	6,3	100	
10	A	5,5	50	13
	E	6,3	100	
	E	11,2	70 200	
12,5	E	11,2	70	17
	E	16	200	
16	E	11,2	70	21,5
	E	16	200	
20	E	11,2	70	25,5
	E	16	200	

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