
INTERNATIONAL STANDARD



3109

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

Assembly tools for screws and nuts — Hexagon insert bits for hexagon socket head screws

Outils de manœuvre pour vis et écrous — Embouts six pans mâles, à hexagone conducteur mâle

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ITeH STANDARD PREVIEW
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ISO 3109:1974

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UDC 621.883

Ref. No. ISO 3109-1974 (E)

Descriptors : tools, assembly tools, screwdrivers, dimensions.

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 3109 was drawn up by Technical Committee ISO/TC 29, *Small tools*, and circulated to the Member Bodies in March 1973.

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

Austria	India	ISO 3109-1974	South Africa, Rep. of
Belgium	Israel	https://standards.iteh.ai/catalog/standards/sist/1a4c7730-c4c4-453d-ba20-9e08cb641522/iso-3109-1974	Sweden
Bulgaria	Italy		Switzerland
Chile	Mexico		Thailand
Czechoslovakia	Netherlands		Turkey
France	New Zealand		U.S.S.R.
Germany	Poland		
Hungary	Romania		

The Member Body of the following country expressed disapproval of the document on technical grounds :

United Kingdom

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies dimensions for hexagon insert bits for hexagon socket head screws according to ISO/R 1173.

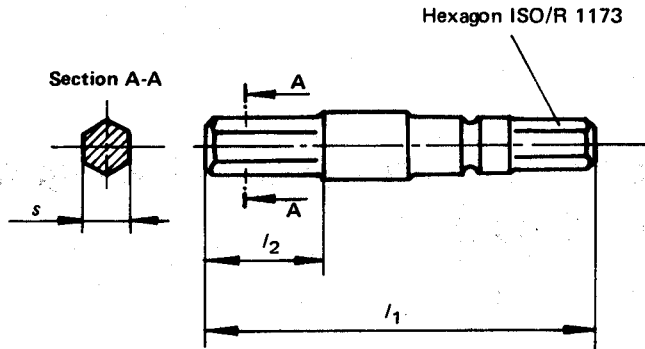
Hexagon insert bits for hexagon socket head screws are registered under numbers 115 and 307 in ISO/R 1703.

2 REFERENCES

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

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

3 DIMENSIONS



Dimensions in millimetres

Hexagon drive Male hexagon ISO/R 1173		s h10							
		2,5	3	4	5	6	8	10	12
		l_2 min.							
		3,8	4,5	6	7,5	9	12	16	18
Form	Dimension	ISO 3109:1974 https://standards.iteh.ai/catalog/standards/sist/b4c7730-c4c4-453d-ba20-9e08cbb415b6/iso-3109-1974							
A	3	45	45						
	5,5	50	50	50	50	50			
C	4	20	20						
	6,3	25	25	25	25	25			
	8		30	30	30	30	30	30	
E	6,3	50							
	(8)		50	50	50	50	50	50	
	11,2				55	55	55	55	55

The dimension between parentheses should be avoided as far as possible.