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**INTERNATIONAL STANDARD**



**2236**

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

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**Assembly tools for screws and nuts**  
**Forged and tubular socket wrenches**  
**Metric series**  
**Maximum outside dimensions**

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**Descriptors :** dimensions, hand tools, socket wrenches.

## 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 2236 was drawn up by Technical Committee ISO/TC 29, *Small tools*.

It was approved in May 1971 by the Member Bodies of the following countries :

Australia	Israel	South Africa, Rep. of
Austria	Italy	<del>Spain</del>
Belgium	Japan	Sweden
France	Korea, Dem. P.R. of	Switzerland
Egypt, Arab Rep. of	Korea, Rep. of	United Kingdom
Germany	Netherlands	U.S.S.R.
Hungary	Poland	Yugoslavia
India	Portugal	

No Member Body expressed disapproval of the document.

# Assembly tools for screws and nuts

## Forged and tubular socket wrenches

### Metric series

### Maximum outside dimensions

#### 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies maximum outside dimensions for forged and tubular socket wrenches, metric series.

#### 2 MAXIMUM OUTSIDE DIMENSIONS

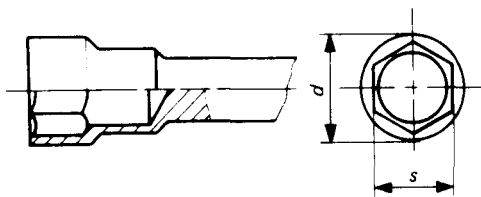


FIGURE 1 – Socket wrench, forged type

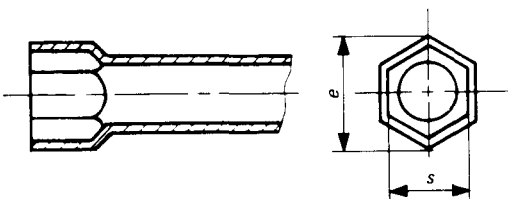


FIGURE 2 – Socket wrench, tubular type

Dimensions in millimetres

<i>s</i> nominal	<i>d</i> or <i>e</i> max.
3.2	6
4	8
5	9.5
5.5	10
7	11.5
8	13
10	16
11	17
12	19
13	20.5
14	21.5
17	26
19	28.5
22	32
24	34.5
27	38.5
30	42
32	45
36	50
41	57
46	63
50	69
55	75
60	81