

Draft Indian Standard
ASSEMBLY TOOL FOR SCREWS AND NUTS – FOUR- WAY SOCKET
WRENCHES – DIMENSIONS AND TORQUE TEST
(First Revision)

ICS 25.140.30

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NATIONAL FOREWORD

This Indian Standard (First revision) which is identical with ISO 6788: 1997 ‘Assembly tools for screws and nuts – Four-way socket wrenches – Dimensions and torque test’ issued by the International Organization for Standardization (ISO) will be considered for adoption by the Bureau of Indian Standards on the recommendation of the Hand Tools Sectional Committee and approval of the Production and General Engineering Division Council.

This standard was originally published in 1988 with title ‘Specification for cross rim wrenches’ based on data provided by the manufacturers of product and ISO 6788: 1982 ‘Assembly tools for screws and nuts – Four-way socket wrenches’. This first revision has been harmonized with ISO 6788: 1997 by adoption to make pace with the latest developments taken place at international level.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminology and conventions are, however, not identical to those used in Indian Standards; attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear, referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 3316: 1996 Assembly tools for screws and nuts – Attachments for hand-operated square drive socket wrenches – Dimensions and tests	Document PGD 34/ PGD 05 (1130) Assembly tools for screws and nuts – Attachments for hand-operated square drive socket wrenches – Dimensions and tests (second revision of IS 7991)	Identical

The concerned technical committee has reviewed the provisions of following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 691: 1997 ¹⁾	Assembly tools for screws and nuts – Wrench and socket openings – Tolerances for general use
ISO 1174-1: 1996 ²⁾	Assembly tools for screws and nuts – Driving squares – Part 1: Driving squares for hand socket tools
ISO 1711-1: 1996 ³⁾	Assembly tools for screws and nuts – Technical specifications – Part 1: Hand-operated wrenches and sockets
ISO 2236: 1991	Assembly tools for screws and nuts – Forged and tubular socket wrenches – Maximum outside head dimensions

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:1960 ‘Rules for rounding off numerical values (*revised*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE: The technical content of draft is not available on website. For details please refer ISO 6788: 1997 or contact:

**Head (PGD)
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¹⁾ Since revised in 2005

²⁾ Since revised in 2011

³⁾ Since revised in 2007

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