
भारतीय मानक मसौदा

पेंच और नटों के लिए संयोजन औज़ार — षटकोणीय सॉकेट पेंच चाबी

(IS 3082 का तीसरा पुनरीक्षण)

Draft Indian Standard

Assembly Tools for Screws and Nuts — Hexagon Socket Screw Keys

(*Third Revision of IS 3082*)

ICS 25.140.30

Hand Tools Sectional Committee, PGD 34

Last date for Comments: **09-05-2025**

NATIONAL FOREWORD

This Indian Standard (Third Revision) which is identical with ISO 2936: 2014 ‘Assembly tools for screws and nuts — Hexagon socket screw keys’ issued by the International Organization for Standardization (ISO) will be adopted 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 first published in 1965. The first and second revisions of this standard were published in 1973 and 1988 respectively. This third revision has been undertaken to align it with ISO 2936: 2014. The third revision specifies the dimensions, the method of test, the designation, and the marking of hexagon socket screw keys. It also specifies the minimum values of Rockwell hardness that are to be met.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain 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 in the International Standards, 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 898-1 Technical supply conditions for threaded steel fasteners: Part 3 Mechanical properties of fasteners made of carbon steel and bolts, screws and studs	IS 1367 (Part 3) : 2017/ ISO 898-1 : 2013 Technical supply conditions for threaded steel fasteners: Part 3 Mechanical properties of fasteners made of carbon steel and bolts, screws and studs (<i>fifth revision</i>)	Identical
ISO 898-5 Technical supply conditions for threaded steel fasteners: Part 5 Mechanical properties of fasteners made of carbon steel and alloy steel — Set screws and similar threaded fasteners with specified hardness classes — Coarse thread and fine pitch thread	IS 1367 (Part 5) : 2018/ ISO 898-5 : 2012 Technical supply conditions for threaded steel fasteners: Part 5 Mechanical properties of fasteners made of carbon steel and alloy steel — Set screws and similar threaded fasteners with specified hardness classes — Coarse thread and fine pitch thread (<i>fourth revision</i>)	Identical
ISO 1703 Assembly tools for screws and nuts nomenclature	IS 6293 : 2023/ISO 1703 : 2018 Assembly tools for screws and nuts nomenclature (<i>fourth revision</i>)	Identical

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 : 2022 ‘Rules for rounding off numerical values (*second revision*)’. 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 standard is not available on the website. For details, please refer to ISO 2936 : 2014 or contact:

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