

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

वायवीय उपकरण शैंक और चक बुशिंग फिटिंग के लिए आयाम

Draft Indian Standard

Dimensions for Shanks for Pneumatic Tools and Fitting of Chuck Bushings

ICS 25.140.10

Pneumatic and Hydraulic Tools Sectional Committee, PGD 08	Last date for comments 3 March 2025
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NATIONAL FOREWORD

This Indian Standard which is identical with ISO 1180 : 1983 ‘Shanks for pneumatic tools and fitting dimensions of chuck bushings’ issued by the International Organization for Standardization (ISO), was adopted by the Bureau of Indian Standards on the recommendation of the Pneumatic and Hydraulic Tools Sectional Committee, and approval of the Production and General Engineering Division Council.

This standard relates to different types of shanks for pneumatic tools and corresponding chuck bushings and the machine for which they are mainly designed, but this does not prevent the use of the shanks for other applications. This standard will supersede the following previously published Indian Standards:

- a) IS 6572: 2023 — light rivet shanks
- b) IS 6573: 1987 — coal pick shanks
- c) IS 6574: 1987 — rivet snap shanks
- d) IS 6575: 1987 — breaker and spade shanks
- e) IS 7446: 1987 — chisel shanks and chuck bushing
- f) IS 7995: 1994 — concrete breaker shanks
- g) IS 12523: 2023 — piston rods and buts for pneumatic rammer
- h) IS 12531: 2023 — weld flux scaler shanks

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 while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appear to certain International Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its respective place, is listed below along with its degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 723 Rock drilling equipment — Forged collared shanks and corresponding chuck bushings for hollow hexagonal drill steels	PGD/08/26053/ISO 723 : 1991 Rock drilling equipment — Forged collared shanks and corresponding chuck bushings for hollow hexagonal drill steels	Equivalent

Technical Corrigendum/Amendment published in 1985 to the above International Standard has been given at the end of this publication.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 1180 : 1983/ISO 1180 : 1983/ADDENDUM 1 or contact:

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