***भारतीय मानक***

***Indian Standard***

**IS xxxxx (Part 12) : 2024**

**ISO 7755-12 : 2013**

*[Superseding IS 11943 (Part 12) : 1987]*

***कठोर धातु के बर्र***

*भाग* 1*2 उलटा शंकु बर्र (स्टाइल एन)*

**Hardmetal Burrs**

Part 12 Inverted Cone Burrs (Style N)

ICS 25.100.20

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भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

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**June 2024 Price Group X**

Cutting Tools Sectional Committee, PGD 32

NATIONAL FOREWORD

This Indian Standard (Part 12) which is identical with ISO 7755-12 : 2013 ‘Hardmetal burrs — Part 12: Inverted cone burrs (style N)’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on recommendation of the Drawings Sectional Committee and approval of the Production and General Engineering Division Council.

Hard metal burrs are cutting tools used in various machining and metalworking applications. Their functions encompass material removal, deburring of sharp edges, crafting intricate profiles, and providing the finishing touches to workpieces. These burrs are available in diverse shapes and sizes including cylindrical, spherical, conical varieties and each shape is uniquely tailored for specific cutting, shaping and grinding tasks.

This standard supersedes IS 11943 (Part 12) : 1987 ‘Specification for hard metal burrs: Part 12 Inverted cone burrs (type N)’.

This standard is published in twelve parts. Other parts in this series are:

Part 1 General Specifications

Part 2 Cylindrical burrs (style A)

Part 3 Cylindrical round- (ball-) nose burrs (style C)

Part 4 Spherical burrs (style D)

Part 5 Oval burrs (style E)

Part 6 Arch round- (ball-) nose burrs (style F)

Part 7 Arch pointed-nose burrs (style G)

Part 8 Flame burrs (style H)

Part 9 60 degrees and 90 degrees cone burrs (styles J and K)

Part 10 Conical round- (ball-) nose burrs (style L)

Part 11 Conical pointed-nose burrs (style M)

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 appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| ISO 7755-1 Hardmetal burrs — Part 1: General specifications | PGD 32(23697) Hardmetal burrs: Part 1 General specifications | 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.