

BUREAU OF INDIAN STANDARDS

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Doc: PGD 40 (26287) WC

August 2024

भारतीय मानक मसौदा

**बेल्ट ड्राइव — ऑटोमोटिव उद्योग के लिए वी-बेल्ट और संगत
पुली — आयाम**
(IS 16558 का पहला पुनरीक्षण)

Draft Indian Standard

**Belt drives — V-belts for the automotive industry and
corresponding pulleys — Dimensions**

(*First Revision of IS 16558*)

ICS 43.060.10

Conveyor Belts Sectional Committee, PGD 40

Last Date for Comments: **30-09-2024**

NATIONAL FOREWORD

(Formal clauses will be added later on)

This Standard specifies the requirements for belts and pulleys for V-belt drives used for driving auxiliaries of internal combustion engines for the automotive industry.

The major changes in this revision are as follows:

- The cogged type has been added throughout the document;
- The symmetry of the groove has been changed from $(90 \pm 2)^\circ$ to $(90 \pm 0.5)^\circ$ in Table 4, as in ISO 9981; and
- The designation of belt has been added.

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:

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

The technical committee has reviewed the provisions of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

International Standard

ISO 1081

Title

Belt drives — V-belts and V-ribbed belts, and corresponding grooved pulleys — Vocabulary

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*)'.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 2790 : 2020 or contact:

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