

INTERNATIONAL
STANDARD

ISO
1081

NORME
INTERNATIONALE

Third edition
Troisième édition
2013-12-01

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

**Transmissions par courroies —
Courroies trapézoïdales et striées, et
poulies à gorges — Vocabulaire**



Reference number
Numéro de référence
ISO 1081:2013(E/F)

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Published in Switzerland/Publié en Suisse

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Foreword

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The committee responsible for this document is ISO/TC 41, *Pulleys and belts (including veebelts)*, SC 1, *Veebelts and grooved pulleys*.

This third edition cancels and replaces the second edition (ISO 1081:1995), which has been technically revised.

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

0 Scope

This International Standard specifies the terms and definitions, in English and French, relating to aromatic natural raw materials.

This International Standard defines terms relating to V-belt drives, V-belts, hexagonal belts, joined V-belts and the corresponding V-grooved pulleys, V-ribbed belt drives, V-ribbed belts and V-ribbed pulleys, as well as the corresponding symbols.

The general definitions are valid irrespective of the system describing the pulleys.

The dimensions of pulley grooves can be defined either on the basis of the datum width or on the basis of the effective width. As a result, two systems for the definition and description of the dimensions of pulleys and belts have been developed. The two systems are independent of each other.

1 Terms and definitions relating to V-belts and grooved pulleys

1.1 General terms and definitions

1.1.1 Belts

1.1.1.1

V-belt

belt, the cross-section of which is shaped roughly like a regular trapezium

Note 1 to entry: On a cross-section of a straight-sided belt, the trapezium is outlined by the base, sides and top of the belt.

Note 2 to entry: The intersection of the extended profiles of the base, side and top is considered when edges are cut short or rounded.

Note 3 to entry: See [Figure 1](#).

1.1.1.1.1

hexagonal belt

special belt with hexagonal cross-section consisting of two equal isosceles trapezia joined at their wider base

1.1.1.1.2

joined V-belt

two or more equal trapezoidal V-belts placed side by side in a definite distance and joined by a covering band