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## **Belt drives — Grooved pulleys for V-belts (system based on effective width) — Geometrical inspection of grooves**

*Transmissions par courroies — Poulies à gorges pour courroies  
trapézoïdales (système basé sur la largeur effective) — Contrôle  
géométrique des gorges*



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## Contents

Page

Foreword .....	iv
Introduction .....	v
1 Scope .....	1
2 Principle .....	1
3 Groove profile .....	1
3.1 Specifications .....	1
3.2 Inspection .....	2
4 Groove spacing .....	5
4.1 Specifications .....	5
4.2 Inspection .....	6
5 Effective diameter .....	7
5.1 Specifications .....	7
5.2 Inspection .....	7
6 Run-out tolerances .....	8
6.1 Specifications .....	8
6.2 Inspection .....	8
Bibliography .....	9

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## Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9980 was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 1, *Friction*.

This second edition cancels and replaces the first edition (ISO 9980:1990), of which it constitutes a minor revision.

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## Introduction

In drives using V-belts, the dimensions of the 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.

For the geometrical inspection of grooves defined on the basis of the effective width, necessary tests to ensure by mechanical means the conformity of a grooved pulley with standard specifications were specified, but modern quick or serial checking procedures for grooved pulley production control were not.