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МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Narrow joined V-belts — Lengths in effective system

Courroies trapézoïdales jumelées étroites — Longueurs dans le système effectif

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8419 was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including vee-belts)*.

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Narrow joined V-belts — Lengths in effective system

1 Scope and field of application

This International Standard specifies, for narrow joined V-belts of cross-sections

- 9J (effective width 8,9 mm),
- 15J (effective width 15,2 mm),
- 20J (effective width 20,9 mm),
- 25J (effective width 25,4 mm),

- the recommended effective lengths;
- the tolerances on effective lengths;
- the conditions for measuring the effective length.

NOTE — The narrow joined V-belt cross-section is defined by a number (9, 15, 20 or 25) followed by the letter J.

2 Reference

ISO 5290, *Grooved pulleys for joined narrow V-belts — Groove sections 9J, 15J, 20J and 25J.*

3 Effective length, L_e

3.1 The standard effective lengths are the effective lengths under tension measured under the conditions specified in clause 5.

3.2 The standard effective length values, in millimetres, are for the most part from the R40 series of preferred numbers.

Standard effective lengths are given in table 1.

Table 1 — Standard effective lengths

Dimensions in millimetres

9J	Cross-section		
	15J	20J	25J
L_e			
630	1 270	1 700	2 540
670	1 345	1 800	2 690
710	1 420	1 900	2 840
760	1 525	2 000	3 000
800	1 600	2 120	3 180
850	1 700	2 240	3 350
900	1 800	2 360	3 550
950	1 900	2 500	3 810
1 015	2 030	2 650	4 060
1 080	2 160	2 800	4 320
1 145	2 290	3 000	4 570
1 205	2 410	3 150	4 830
1 270	2 540	3 350	5 080
1 345	2 690	3 550	5 380
1 420	2 840	3 750	5 690
1 525	3 000	4 000	6 000
1 600	3 180	4 250	6 350
1 700	3 350	4 500	6 730
1 800	3 550	4 750	7 100
1 900	3 810	5 000	7 620
2 030	4 060	5 300	8 000
2 160	4 320	5 600	8 500
2 290	4 570	6 000	9 000
2 410	4 830	6 300	9 500
2 540	5 080	6 700	10 160
2 690	5 380	7 100	10 800
2 840	5 690	7 500	11 430
3 000	6 000	8 000	12 060
3 180	6 350	8 500	12 700
3 350	6 730	9 000	
3 550	7 100	9 500	
	7 620	10 000	
	8 000	10 600	
	8 500		
	9 000		