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# BRIEF HISTORY

The ISO Recommendation R 256, Section Checking of V-Belts, was drawn up by Technical Committee ISO/TC 41, Pulleys and Belts, (Including V-Belts), the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question by the Technical Committee, began in 1951 and led in 1959 to the adoption of a Draft ISO Recommendation.

On May 1960, this Draft ISO Recommendation (No. 376) was circulated to all the ISO Member Bodies for enquiry. It was approved by the following Member Bodies:

Belgium	France	Portugal
Brazil	Germany	Romania
Chile	Greece	Spain
Colombia	India	Sweden
Czechoslovakia	Israel	Switzerland
Denmark	Japan	United Kingdom
Finland ileh	Netherlands ARD	U.S.A. EVIEW
	(standards.i	U.S.S.R. teh.ai)

Three Member Bodies opposed the approval of the Draft:

Australia https://standards.iteff.aid.gatia.g/standards/sist/05062 Australia.gatia.g/standards/sist/05062001-04/0-45df-9aee-

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in March 1962, to accept it as an ISO RECOMMENDATION.



# 3. DIMENSIONS OF THE GAUGE

# 3.1 Dimensions in millimetres

В	elt	Gauge				
Pitch width <i>l</i> p	Approximate height	a (± 0.05)	$b_{\mathbf{g}} \ (\pm 0.05)$	$h_{ m g}$ ( $\pm$ 0.05)	Angle	Approximate thickness
5.3	4	6.7	1.9	3.4		
8.5	6	10.7	3.0	5.5		
11	8	13.8	3.9	7.1		
14	11	17.6	4.9	9.1	$40^\circ \pm 10'$	3
19	14	23.8	6.6	12.4		
27	19	33.9	9.5	17.5		
32	25	40.2	11.2	20.8		

### 3.2 Dimensions in inches

#### Belt Gauge stand -11 Pitch width Approximate Approximate a (± 0.002) $b_{\rm g}~(\pm~0.002) \mid h_{\rm g}~(\pm~0.002)$ Angle height thickness lp ISO/R 256:1962 )36fa0bf-ba70-45c -9aeeatalogstandard 0.21 0.16 0.26 09.07cd3a642d9sb3r-25 -1962 0.34 0.23 0.42 0.12 0.22 0.43 0.32 0.54 0.15 0.28 $40^\circ\!\pm10^\prime$ 0.12 0.55 0.43 0.69 0.19 0.36 0.55 0.94 0.26 0.75 0.49 1.06 0.75 1.33 0.37 0.69 0.99 0.82 1.26 1.58 0.44

# Notes

1. The gauge dimensions are proportional to the pitch width:

$$b_{g} = 0.35 l_{p}$$
  
 $h_{g} = l_{p} - b_{g} = 0.65 l_{p}$ 

2. In cases where the angle of the belt sides to be checked is sensibly different from 40°, the tolerance of  $\pm 10^{\prime}$  remains applicable and the dimension *a* is given by the following formula:

 $a = l_p + 2 b_g tg \frac{\alpha}{2}$