

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ADDENDUM 1

TO

## ISO

## RECOMMENDATION

## R 775-1969

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

CYLINDRICAL AND 1/10 CONICAL SHAFT ENDS

<https://standards.iteh.ai/catalog/standards/sist/5fc4ca81-2de1-4e80-a310-ed536874d145/iso-r-775-1969-add-1-1974>  
**ADDENDUM 1: CHECKING OF THE DEPTH**  
**OF KEYWAYS IN CONICAL SHAFT ENDS**

1st EDITION

November 1974

## BRIEF HISTORY

Addendum 1 to ISO Recommendation R 775-1969 was drawn up by Technical Committee ISO/TC 14, *Shaft ends*, and circulated to the Member Bodies in March 1973.

It has been approved by the Member Bodies of the following countries :

Australia	France	Romania
Belgium	India	South Africa, Rep. of
Bulgaria	Italy	Thailand
Czechoslovakia	Japan	Turkey
Denmark	Mexico	United Kingdom
Finland	New Zealand	U.S.S.R.

The Member Body of the following country expressed disapproval of the document on technical grounds :

<https://standards.iteh.ai/catalog/standards/sist/5fc4ca81-2de1-4e80-a310-ed536874d145/iso-1-775-1969-add-1-1974>  
Netherlands

## CYLINDRICAL AND 1/10 CONICAL SHAFT ENDS

### ADDENDUM 1 : CHECKING OF THE DEPTH OF KEYWAYS IN CONICAL SHAFT ENDS

#### 1 SCOPE AND FIELD OF APPLICATION

This Addendum forms a supplement to sub-clauses 3.1.1 and 3.2 of ISO/R 775.

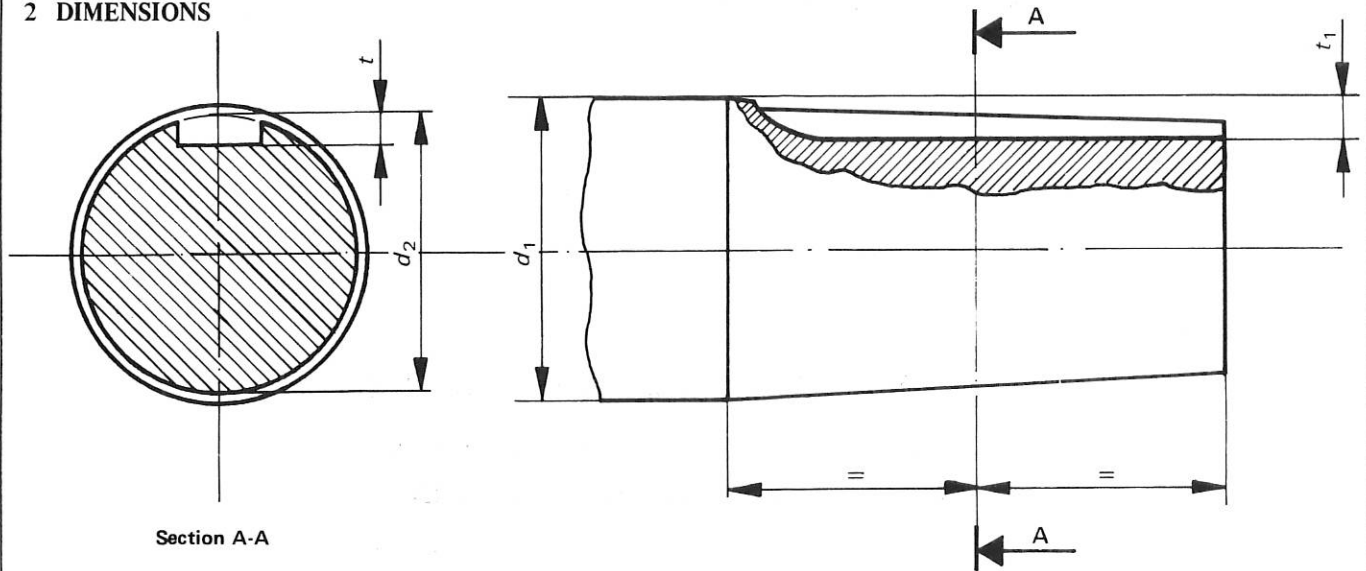
The table overleaf gives values for the checking of the depth  $t_1$  of keyways when it is desired to measure this from the nominal diameter of the shaft end.

The values of  $t$  given in ISO/R 775 remain the reference dimensions.

[ISO/R 775:1969/Add 1:1974](https://standards.iteh.ai/catalog/standards/sist/5fc4ca81-2de1-4e80-a310-ed536874d145/iso-r-775-1969-add-1-1974)

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2 DIMENSIONS



$$t_1 = \frac{d_1 - d_2}{2} + t$$

Dimensions in millimetres

Diameter of shaft end $d_1$	Keyway depth $t_1$		Diameter of shaft end $d_1$	Keyway depth $t_1$	
	Long shaft end	Short shaft end		Long shaft end	Short shaft end
11	1,6	-	63	8,6	7,8
12	1,7	-	65	8,6	7,8
14	2,3	-	70	9,6	8,8
16	2,5	2,2	71	9,6	8,8
18	3,2	2,9	75	9,6	8,8
19	3,2	2,9	80	10,8	9,8
20	3,4	3,1	85	10,8	9,8
22	3,4	3,1	90	12,3	11,3
24	3,9	3,6	95	12,3	11,3
25	4,1	3,6	100	13,1	12,0
28	4,1	3,6	110	13,1	12,0
30	4,5	3,9	120	14,1	13,0
32	5,0	4,4	125	14,1	13,0
35	5,0	4,4	130	15,0	13,8
38	5,0	4,4	140	16,0	14,8
40	7,1	6,4	150	16,0	14,8
42	7,1	6,4	160	18,0	16,5
45	7,1	6,4	170	18,0	16,5
48	7,1	6,4	180	19,0	17,5
50	7,1	6,4	190	20,0	18,3
55	7,6	6,9	200	20,0	18,3
56	7,6	6,9	220	22,0	20,3
60	8,6	7,8			