
INTERNATIONAL STANDARD



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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Taper pins, unhardened — Metric series

Goupilles coniques non trempées — Série métrique

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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.

International Standard ISO 2339 was drawn up by Technical Committee ISO/TC 2, *Bolts, nuts and accessories*, and circulated to the Member Bodies in April 1972.

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

Australia	Ireland	South Africa, Rep. of
Belgium	Italy	Spain
Canada	Japan	Sweden
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The Member Bodies of the following countries expressed disapproval of the document on technical grounds :

France
U.S.A.

Taper pins, unhardened – Metric series

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions and tolerances for unhardened taper pins of the metric series, classified as Type A ground and Type B turned.

2 REFERENCES

ISO/R 888, *Nominal lengths for bolts, screws and studs – Thread lengths for general purpose bolts.*

ISO 1947, *System of cone tolerances for conical work pieces from $C = 1 : 3$ to $1 : 500$ and lengths from 6 to 630 mm.*

3 DIMENSIONS

Type A : ground,
angle tolerance : AT 8

Type B : turned,
angle tolerance : AT 10

Taper 1 : 50

Taper 1 : 50

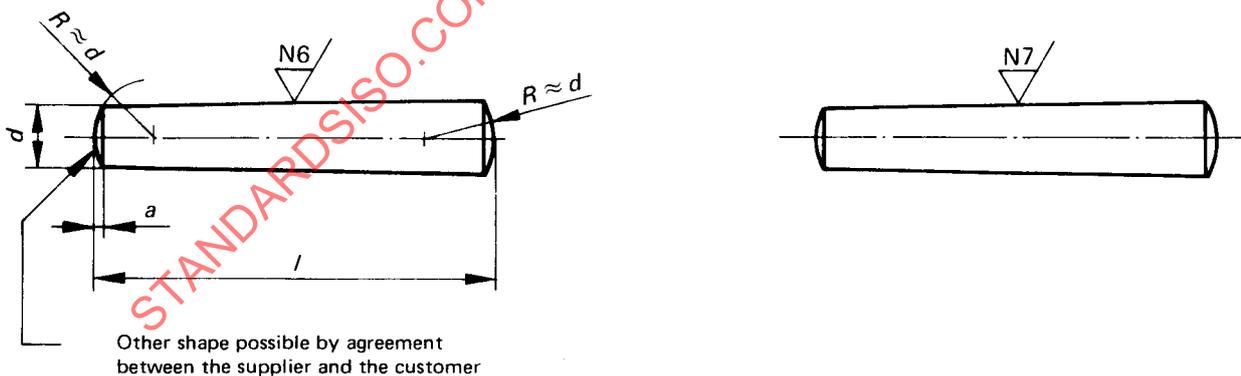


TABLE 1 – Dimensions (except length l ; see table 2)

Values in millimetres

d h10	0,6	0,8	1	1,2	1,5	2	2,5	3	4	5	6	8	10	12	16	20	25	30	40	50
$a \approx$	0,08	0,1	0,12	0,16	0,2	0,25	0,3	0,4	0,5	0,63	0,8	1	1,2	1,6	2	2,5	3	4	5	6,3

NOTE – Angle tolerances AT 8 and AT 10 only for taper pins with nominal lengths larger than 6 mm (see ISO 1947).