INTERNATIONAL STANDARD 2341

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

Clevis pins with heads — Metric series

First edition — 1972-04-15

UDC 621.~~886.7~~ 828.5

Ref. No. ISO 2341-1972 (E)

Descriptors : fasteners, clevis pins, dimensions.

Price based on 2 pages

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 2341 was drawn up by Technical Committee ISO/TC 2, *Bolts, nuts and accessories.*

It was approved in July 1971 by the Member Bodies of the following countries :

Austria	Hungary	Poland
Belgium	India	Portugal
Canada	Ireland	Romania
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Denmark	Italy	Sweden
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Finland	Netherlands	Turkey
France	Norway	United Kingdom
Germany	New Zealand	U.S.S.R.

No Member Body expressed disapproval of the document.

Printed in Switzerland

Clevis pins with heads — Metric series

1 SCOPE AND FIELD OF APPLICATION

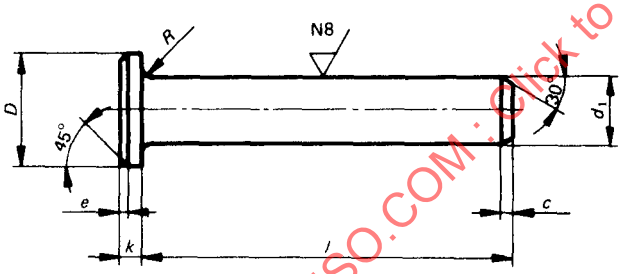
This International Standard specifies the dimensions and tolerances of clevis pins of the metric series, classified as Type A, without split pin hole, and Type B, with split pin hole.

2 REFERENCE

ISO/R 1234, *Split pins — Metric series.*

3 DIMENSIONS

TYPE A
Without split pin hole



TYPE B
With split pin hole

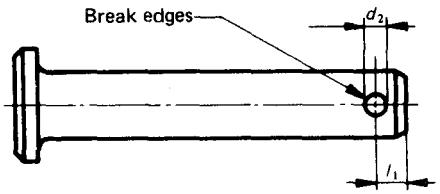


TABLE 1 — **Dimensions** (except length *l*; see Table 2)

Values in millimetres

d_1*	3	4	5	6	8	10	12	14	16	18	20	22	24	27	30	33	36	40	45	50	55	60	70	80	90	100
D**	5	6	8	10	14	18	20	22	25	28	30	33	36	40	44	47	50	55	60	66	72	78	90	100	110	120
d_2*** H13	0.8	1	1.2	1.6	2	3.2	3.2	4	4	5	5	5	6.3	6.3	8	8	8	8	10	10	10	10	13	13	13	13
c max.	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6
e approx.	0.5	0.5	1	1	1	1	1.6	1.6	1.6	1.6	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
k	1	1	1.6	2	3	4	4	4	4.5	5	5	5.5	6	6	8	8	8	8	9	9	11	12	13	13	13	13
l_1 min.	1.6	2.2	2.9	3.2	3.5	4.5	5.5	6	6	7	8	8	9	9	10	10	10	10	12	12	14	14	16	16	16	16
R	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1

* Recommended tolerances : a11, c11, f8, h11.

** Dimension D of pins used without bushes may be one size smaller than that specified in each case.

*** Hole diameter d_2 = nominal size of the split pin (see ISO/R 1234).

For railway applications and in cases where the split pin is subjected to alternating transverse forces, it is recommended to use the next larger split pin and corresponding hole diameter to that specified.