International Standard 8733

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

Parallel pins with internal thread, unhardened

Goupilles cylindriques à trou taraudé, non trempées

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Descriptors : fasteners, pins (mechanics), straight pins, specifications, dimensions, designation.

Price based on 3 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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8733 was prepared by Technical Committee ISO/TC 2, *Fasteners.*

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Printed in Switzerland

Parallel pins with internal thread, unhardened

1 Scope and field of application

This International Standard specifies the characteristics of unhardened parallel pins with internal thread, with metric dimensions and nominal diameters, d_1, from 6 to 50 mm inclusive.

2 References

ISO 965, *ISO general purpose metric screw threads — Tolerances.*

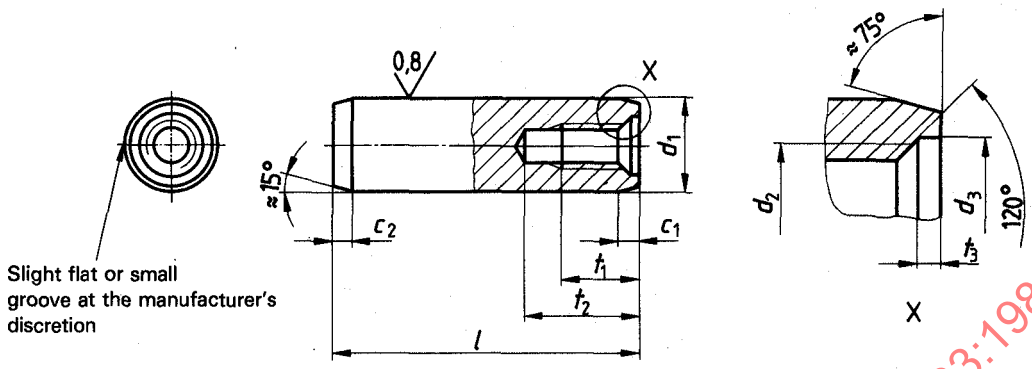
ISO 2081, *Metallic coatings — Electroplated coatings of zinc on iron or steel.*

ISO 3269, *Fasteners — Acceptance inspection.*

ISO 4520, *Chromate conversion coatings on electroplated zinc and cadmium coatings.*

3 Dimensions

Surface roughness values in micrometres



Dimensions in millimetres

d_1		m6[1]	6	8	10	12	16	20	25	30	40	50
c_1		≈	0,8	1	1,2	1,6	2	2,5	3	4	5	6,3
c_2		≈	1,2	1,6	2	2,5	3	3,5	4	5	6,3	8
d_2			M4	M5	M6	M6	M8	M10	M16	M20	M20	M24
P[2]			0,7	0,8	1	1	1,25	1,5	2	2,5	2,5	3
d_3			4,3	5,3	6,4	6,4	8,4	10,5	17	21	21	25
t_1			6	8	10	12	16	18	24	30	30	36
t_2		min.	10	12	16	20	25	28	35	40	40	50
t_3			1	1,2	1,2	1,2	1,5	1,5	2	2	2,5	2,5
l[3] nom.	min.	max.										
16	15,5	16,5										
18	17,5	18,5										
20	19,5	20,5										
22	21,5	22,5										
24	23,5	24,5										
26	25,5	26,5										
28	27,5	28,5										
30	29,5	30,5										
32	31,5	32,5										
35	34,5	35,5										
40	39,5	40,5										
45	44,5	45,5										
50	49,5	50,5										
55	54,25	55,75										
60	59,25	60,75										
65	64,25	65,75										
70	69,25	70,75										
75	74,25	75,75										
80	79,25	80,75										
85	84,25	85,75										
90	89,25	90,75										
95	94,25	95,75										
100	99,25	100,75										
120	119,25	120,75										
140	139,25	140,75										
160	159,25	160,75										
180	179,25	180,75										
200	199,25	200,75										

Range of commercial lengths

1) Other tolerances as agreed between customer and supplier.

2) P = thread pitch.

3) For nominal lengths above 200 mm, steps of 20 mm.