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DIN 1481 - Spring-Type Straight Pins (Roll Pins) - Heavy Type

Current norm: DIN EN 28752

Equivalent norms: ISO 8752; CSN 022156; PN 85023; UNI 6873; EU 28752;



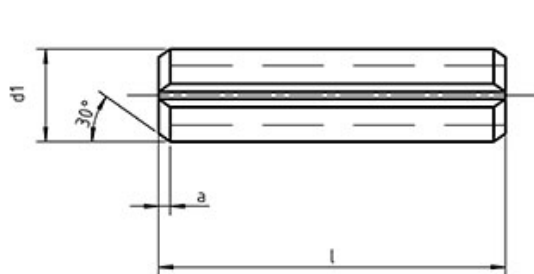
SEND INQUIRY ([HTTPS://WWW.FASTENERS.EU/INQUIRY/ADD/](https://www.fasteners.eu/inquiry/add/))

- Buy DIN 1481

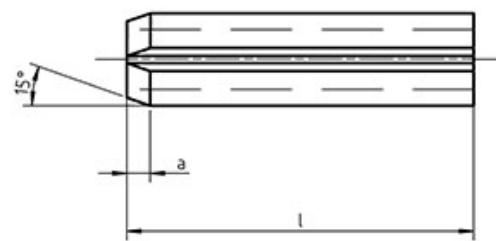
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- 3D model
- Inquiries
- Overstock

$d1 \leq 6\text{mm}$



$d1 \geq 8\text{mm}$



Legend:

l - pin length

d1 - pin diameter

a - taper

s - wall thickness of the pin

d2 - pin diameter before installation

Makings:

Steel: spring steel

Stainless: A1,A2

Plastic: -

Non Ferrous: -

Thread: -

Notes:

-

Table according to DIN 1481:

dimensions in mm

Dimension		1	1,5	2	2,5	3	3,5	4
a		0,15	0,25	0,35	0,4	0,5	0,6	0,65
d1	min.	1,2	1,7	2,3	2,8	3,3	3,8	4,4
	max.	1,3	1,8	2,4	2,9	3,5	4	4,6
d2	approx.	0,8	1,1	1,5	1,8	2,1	2,3	2,8
s		0,2	0,3	0,4	0,5	0,6	0,75	0,8
shearing kN	shear force	0,35	0,79	1,41	2,19	3,16	4,53	5,62
	double shear	0,7	1,58	2,82	4,38	6,32	9,06	11,24
l	tol.	weight kg/1000pcs						
4		0,015	0,034	0,061	0,095	0,136	0,197	0,239
5	+0,5	0,019	0,043	0,077	0,118	0,17	0,246	0,299
6	0	0,023	0,051	0,091	0,142	0,204	0,296	0,358
8		0,031	0,068	0,122	0,189	0,272	0,394	0,478
10		0,038	0,085	0,153	0,236	0,34	0,493	0,597
12		0,045	0,103	0,184	0,283	0,407	0,591	0,716
14		0,052	0,12	0,214	0,33	0,475	0,689	0,836
16		0,059	0,137	0,244	0,377	0,543	0,788	0,955
18		0,067	0,154	0,275	0,424	0,611	0,886	1,07
20		0,076	0,171	0,305	0,471	0,679	0,985	1,19
22				0,336	0,519	0,746	1,08	1,31
24	+1			0,367	0,565	0,814	1,18	1,43
26	0			0,97	0,613	0,882	1,28	1,55

28				0,427	0,66	0,95	1,38	1,67
30				0,458	0,707	1,02	1,48	1,79
32						1,09	1,58	1,91
36						1,22	1,77	2,18
40						1,36	1,97	2,39
45								2,68
50								2,98
55								
60								
65								
70								
75								
80								
85	+1,5							
90	0							
95								
100								
120								
140								
160								
180								

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Got it