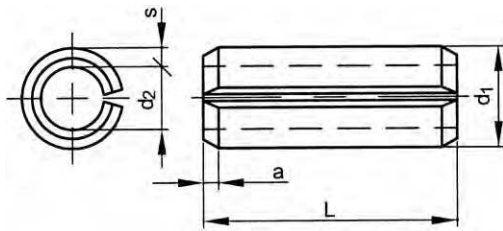


## Spring-type straight pin slotted, light duty



ISO 13337  
DIN 7346

### Technical Data

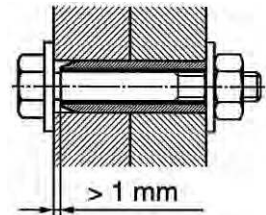
d (nom.)	a	d <sub>1</sub> (max.)	d <sub>1</sub> (min.)	d <sub>2</sub> ≈	s	V
2	0.2	2.4	2.3	1.9	0.2	1.5
2.5	0.25	2.9	2.8	2.3	0.25	2.4
3	0.25	3.5	3.3	2.7	0.3	3.5
4	0.5	4.6	4.4	3.4	0.5	8
5	0.5	5.6	5.4	4.4	0.5	10.4
6	0.7	6.7	6.4	4.9	0.75	18
8	1.5	8.8	8.5	7	0.75	24
10	2	10.8	10.5	8.5	1	40
13	2	13.8	13.5	11	1.25	66

- V = Shear strength double min. in kN.
- For the hole diameter d(nom.) with tolerance field H12 is recommended.
- a: pins over 10mm have a single bevelled edge.

Special features spring type straight pins:

- are used to connect two or more construction elements to each other
- highly suitable fo absorb shear forces
- to avoid movements in light bolt connections spring type straight pins can be used acc. to information below

d (nom.) spring type straight pin slotted	6	7	8	11	13	16	18
intended for bolt size	M4	M5	M6	M8	M10	M12	M14
associated washers acc. to DIN 125-1A	4,3	5,3	6,4	8,4	10,5	13	15



### Spring-type straight pin slotted, light duty

**Material** Spring steel 420-560 HV30



#### d (nom.) x L

2X8MM	200
2X10MM	200
2X12MM	200
2X14MM	200
2X16MM	200
2X18MM	200
2X20MM	200
2X24MM	200
2X28MM	200
2,5X6MM	200
2,5X8MM	200
2,5X10MM	200
2,5X12MM	200
2,5X14MM	200
2,5X16MM	200
2,5X20MM	200
2,5X24MM	200
2,5X30MM	200
3X8MM	200
3X10MM	200
3X12MM	200
3X16MM	200
3X20MM	200
3X22MM	200
3X24MM	200
3X30MM	200
3X36MM	200
3X40MM	200

#### d (nom.) x L

4X10MM	200
4X12MM	200
4X14MM	200
4X16MM	200
4X20MM	200
4X22MM	200
4X24MM	200
4X28MM	200
4X30MM	200
4X36MM	100
4X40MM	100
4X45MM	100
4X50MM	100
5X6MM	200
5X8MM	200
5X10MM	200
5X12MM	200
5X16MM	200
5X20MM	100
5X28MM	100
5X30MM	100
5X36MM	100
5X40MM	100
6X10MM	200
6X12MM	200
6X16MM	200

#### d (nom.) x L

6X20MM	100
6X24MM	100
6X28MM	100
6X30MM	100
6X32MM	100
6X36MM	100
6X40MM	100
6X50MM	50
8X10MM	100
8X12MM	100
8X16MM	100
8X20MM	100
8X22MM	100
8X24MM	100
8X26MM	100
8X30MM	50
8X32MM	50
8X36MM	50
8X40MM	50
8X45MM	50
8X50MM	50
10X12MM	50
10X16MM	50
10X20MM	50
10X24MM	50
10X30MM	50
10X40MM	25
10X50MM	25
10X60MM	25

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.