

DIN 1481 Heavy-duty spring pin

Information

A spring pin is a hollow cylinder which has a longitudinal slit from one end to the other. It has a diameter greater than the nominal diameter of the circular slot where it is to be fitted. When the spring pin is introduced in the hole it is compressed and retained due to the elastic force which it exerts on the walls of the slot. The longitudinal slit narrows but stays slightly open.



DIN 1481 Heavy-duty spring pin

Ø Application	Ø 1,5	Ø 2	Ø 2,5	Ø 3	Ø 3,5
s	0,3	0,4	0,5	0,6	0,75
d ₁	1,7/+0,1	2,3/+0,1	2,8/+0,1	3,3/+0,2	3,8/+0,2
L	(4-20)	(4-30)	(5-30)	(5-50)	(8-50)

Ø x L	Part n° DIN 1481	Box quantity	Outer box quantity	Ø x L	Part n° DIN 1481	Box quantity	Outer box quantity
1,5x4	01100016	1000	64000	3x10	01100454	1000	16000
1,5x5	01100024	1000	64000	3x12	01100462	1000	16000
1,5x6	01100032	1000	64000	3x14	01100470	1000	16000
1,5x8	01100040	1000	64000	3x16	01100489	1000	16000
1,5x10	01100059	1000	64000	3x18	01100497	1000	16000
1,5x12	01100067	1000	64000	3x20	01100500	1000	16000
1,5x14	01100075	1000	64000	3x22	01100518	1000	16000
1,5x16	01100083	1000	64000	3x24	01100526	1000	16000
1,5x18	01100091	1000	16000	3x26	01100534	1000	8000
1,5x20	01100104	1000	16000	3x28	01100542	1000	8000
2x4	01100112	1000	64000	3x30	01100550	1000	8000
2x5	01100120	1000	64000	3x32	01100569	1000	8000
2x6	01100139	1000	64000	3x36	01100577	1000	8000
2x8	01100147	1000	64000	3x40	01100585	1000	8000
2x10	01100155	1000	64000	3x45	01103129	1000	8000
2x12	01100163	1000	64000	3x50	01103110	1000	8000
2x14	01100171	1000	64000	3,5x6	01103410	1000	16000
2x16	01100180	1000	16000	3,5x8	01103428	1000	16000
2x18	01100198	1000	16000	3,5x10	01103436	1000	16000
2x20	01100200	1000	16000	3,5x12	01103444	1000	16000
2x22	01100219	1000	16000	3,5x14	01103452	1000	16000
2x24	01100227	1000	16000	3,5x16	01103460	1000	16000
2x26	01100235	1000	16000	3,5x18	01103479	1000	16000
2x28	01100243	1000	16000	3,5x20	01103487	1000	16000
2x30	01100251	1000	8000	3,5x22	01103495	1000	16000
2,5x5	01100278	1000	64000	3,5x24	01103508	1000	8000
2,5x6	01100286	1000	64000	3,5x26	01103516	1000	8000
2,5x8	01100294	1000	64000	3,5x28	01103524	1000	8000
2,5x10	01100307	1000	32000	3,5x30	01103532	1000	8000
2,5x12	01100315	1000	32000	3,5x32	01103540	1000	8000
2,5x14	01100323	1000	16000	3,5x36	01103559	1000	8000
2,5x16	01100331	1000	16000	3,5x40	01103567	1000	8000
2,5x18	01100340	1000	16000	3,5x45	01103575	1000	8000
2,5x20	01100358	1000	16000	3,5x50	01103583	1000	8000
2,5x22	01100366	1000	16000	4x8	01100622	500	8000
2,5x24	01100374	1000	16000	4x10	01100630	500	8000
2,5x26	01100382	1000	16000	4x12	01100649	500	8000
2,5x28	01100390	1000	8000	4x14	01100657	500	8000
2,5x30	01100403	1000	8000	4x16	01100665	500	8000
3x5	01100420	1000	64000	4x18	01100673	500	8000
3x6	01100438	1000	64000	4x20	01100681	500	8000
3x8	01100446	1000	64000	4x22	01100690	500	8000

DIN 1481 Heavy-duty spring pin

Ø Application	Ø 4	Ø 5	Ø 6
s	0,8	1	1,25
d ₁	4,4/+0,2	5,4/+0,2	6,4/+0,3
L	(8÷50)	(10÷80)	(10÷100)

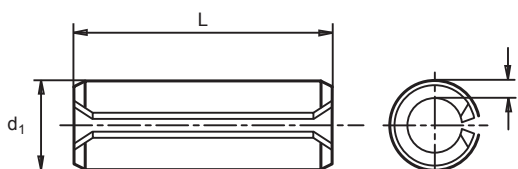
Ø x L	Part n° DIN 1481	Box quantity	Outer box quantity	Ø x L	Part n° DIN 1481	Box quantity	Outer box quantity
4x24	01100702	500	8000	6x22	01101107	500	4000
4x26	01100710	500	8000	6x24	01101115	500	4000
4x28	01100729	500	4000	6x26	01101123	500	4000
4x30	01100737	500	4000	6x28	01101131	500	4000
4x32	01100745	500	4000	6x30	01101140	500	4000
4x36	01100753	500	4000	6x32	01101158	500	4000
4x40	01100761	500	4000	6x36	01101166	500	2000
4x45	01100770	500	4000	6x40	01101174	500	2000
4x50	01100788	500	4000	6x45	01101182	500	2000
5x10	01100825	500	8000	6x50	01101190	500	2000
5x12	01100833	500	8000	6x55	01101203	500	2000
5x14	01100841	500	8000	6x60	01101211	500	2000
5x16	01100850	500	8000	6x65	01101220	500	2000
5x18	01100868	500	8000	6x70	01101238	500	2000
5x20	01100876	500	4000	6x75	01101246	500	2000
5x22	01100884	500	4000	6x80	01101254	500	2000
5x24	01100892	500	4000	6x85	01101262	500	2000
5x26	01100905	500	4000	6x90	01101270	500	2000
5x28	01100913	500	4000	6x95	01101289	500	2000
5x30	01100921	500	4000	6x100	01101297	500	2000
5x32	01100930	500	4000	7x18	01103170	200	32000
5x36	01100948	500	4000	7x20	01103188	200	32000
5x40	01100956	500	4000	7x22	01103196	200	32000
5x45	01100964	500	2000	7x24	01103209	200	32000
5x50	01100972	500	2000	7x26	01103217	200	32000
5x55	01100980	500	2000	7x28	01103225	200	32000
5x60	01100999	500	2000	7x30	01103233	200	1600
5x65	01101000	500	2000	7x32	01103241	200	1600
5x70	01101019	500	2000	7x36	01103250	200	1600
5x75	01101027	500	2000	7x40	01103268	200	1600
5x80	01101035	500	2000	7x45	01103276	200	1600
6x10	01101043	500	8000	7x50	01103284	200	1600
6x12	01101051	500	8000	7x55	01103292	200	1600
6x14	01101060	500	8000	7x60	01103305	200	1600
6x16	01101078	500	4000	7x65	01103313	200	800
6x18	01101086	500	4000	7x70	01103321	200	800
6x20	01101094	500	4000	7x75	01103330	200	800

Material specifications:

SPRING STEEL
HRc 43+49 (HV 422-560)

Surface treatment:

Anti-rust oil-dipped





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DIN 1481 Heavy-duty spring pin

Ø Application	Ø 7	Ø 8
s	1,25	1,25
d ₁	7,4/+0,3	8,4/+0,3
L	(12÷100)	(16÷120)

Ø x L	Part n° DIN 1481	Box quantity	Outer box quantity	Ø x L	Part n° DIN 1481	Box quantity	Outer box quantity
7x12	01103145	200	32000	8x55	01101465	200	800
7x14	01103153	200	32000	8x60	01101473	200	800
7x16	01103161	200	32000	8x65	01101481	200	800
7x80	01103348	200	800	8x70	01101490	200	800
7x85	01103356	200	800	8x75	01101502	200	800
7x90	01103364	200	800	8x80	01101510	200	800
7x95	01103372	200	800	8x85	01101529	200	800
7x100	01103380	200	800	8x90	01101537	200	800
8x16	01101334	200	3200	8x95	01101545	200	800
8x18	01101342	200	3200	8x100	01101553	200	800
8x20	01101350	200	1600	8x120	01101561	200	800
8x22	01101369	200	1600	10x14	01101596	100	1600
8x24	01101377	200	1600	10x20	01101625	100	1600
8x26	01101385	200	1600	10x22	01101633	100	1600
8x28	01101393	200	1600	10x24	01101641	100	1600
8x30	01101406	200	1600	10x26	01101650	100	800
8x32	01101414	200	1600	10x28	01101668	100	800
8x36	01101422	200	1600	10x30	01101676	100	800
8x40	01101430	200	1600	10x32	01101684	100	800
8x45	01101449	200	1600	10x36	01101692	100	800
8x50	01101457	200	800	10x40	01101705	100	800

DIN 1481 Heavy-duty spring pin

Ø 10

2
10,5/+0,3
(20±120)

Ø 12

2,5
12,5/+0,3
(20±120)

Ø x L.	Part n° DIN 1481	Box quantity	Outer box quantity	Ø x L	Part n° DIN 1481	Box quantity	Outer box quantity
10x45	01101713	100	800	12x30	01101967	100	800
10x50	01101721	100	800	12x32	01101975	100	800
10x55	01101730	100	800	12x36	01101983	100	800
10x60	01101748	100	800	12x40	01101991	100	800
10x65	01101756	100	400	12x45	01102003	100	400
10x70	01101764	100	400	12x50	01102011	100	400
10x75	01101772	100	400	12x55	01102020	100	400
10x80	01101780	100	400	12x60	01102038	100	400
10x85	01101799	100	400	12x65	01102046	100	400
10x90	01101801	100	400	12x70	01102054	100	400
10x95	01101810	100	400	12x75	01102062	100	400
10x100	01101828	100	400	12x80	01102070	100	400
10x120	01101836	100	400	12x85	01102089	100	400
12x20	01101916	100	800	12x90	01102097	100	400
12x22	01101924	100	800	12x95	01102100	100	400
12x24	01101932	100	800	12x100	01102118	100	400
12x26	01101940	100	800	12x120	01102126	100	400
12x28	01101959	100	800				

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