Dowel Pins

With internal thread, steel

RoHS

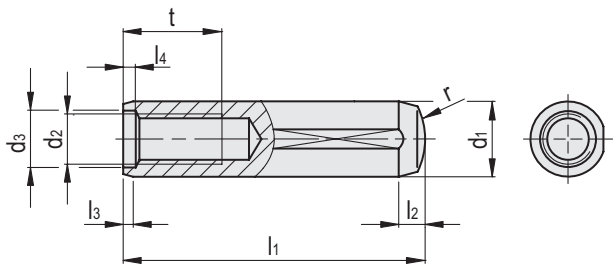
TYPE
- Type **D**: hardened

Steel **ST**
- Hardened (HRC 60 ±2)
- Fit dimension d_1 ground, plain finish

INFORMATION

Dowel pins DIN 7979 connect, secure and position machine parts. They are generally used in conjunction with through holes. The centering step facilitates with pressing in the part. The flat section relieves trapped air, making them easier to insert and remove.
The dowel pin can be removed via the internal thread using a puller handle or slide hammer. The protective countersink d_3 on the thread protects it from damage during installation.
The dimensions correspond to ISO 8735. In combination with a location hole H7 a transition fit can be achieved.





DIN 7979

Code	Description	d_1	$d_{1\ m6}$	d_1 +0.5/+0.2	d_2	d_3	d_4	h	l	$l_{1\ js15}$	⚖
GN.17305	DIN 7979-D-6-20-ST	6	M 4	4.3	20	2.1	0.8	1	6	6	4
GN.17306	DIN 7979-D-6-24-ST	6	M 4	4.3	24	2.1	0.8	1	6	6	5
GN.17307	DIN 7979-D-6-28-ST	6	M 4	4.3	28	2.1	0.8	1	6	6	6
GN.17308	DIN 7979-D-6-32-ST	6	M 4	4.3	32	2.1	0.8	1	6	6	7
GN.17309	DIN 7979-D-6-36-ST	6	M 4	4.3	36	2.1	0.8	1	6	6	8
GN.17310	DIN 7979-D-6-40-ST	6	M 4	4.3	40	2.1	0.8	1	6	6	9
GN.17311	DIN 7979-D-6-45-ST	6	M 4	4.3	45	2.1	0.8	1	6	6	10
GN.17312	DIN 7979-D-6-50-ST	6	M 4	4.3	50	2.1	0.8	1	6	6	11
GN.17313	DIN 7979-D-6-55-ST	6	M 4	4.3	55	2.1	0.8	1	6	6	12
GN.17314	DIN 7979-D-6-60-ST	6	M 4	4.3	60	2.1	0.8	1	6	6	13
GN.17321	DIN 7979-D-8-20-ST	8	M 5	5.3	20	2.6	1	1.2	8	8	7
GN.17322	DIN 7979-D-8-24-ST	8	M 5	5.3	24	2.6	1	1.2	8	8	8
GN.17323	DIN 7979-D-8-28-ST	8	M 5	5.3	28	2.6	1	1.2	8	8	10
GN.17324	DIN 7979-D-8-32-ST	8	M 5	5.3	32	2.6	1	1.2	8	8	11
GN.17325	DIN 7979-D-8-36-ST	8	M 5	5.3	36	2.6	1	1.2	8	8	13
GN.17326	DIN 7979-D-8-40-ST	8	M 5	5.3	40	2.6	1	1.2	8	8	14
GN.17327	DIN 7979-D-8-45-ST	8	M 5	5.3	45	2.6	1	1.2	8	8	17
GN.17328	DIN 7979-D-8-50-ST	8	M 5	5.3	50	2.6	1	1.2	8	8	19
GN.17329	DIN 7979-D-8-55-ST	8	M 5	5.3	55	2.6	1	1.2	8	8	21
GN.17330	DIN 7979-D-8-60-ST	8	M 5	5.3	60	2.6	1	1.2	8	8	22
GN.17331	DIN 7979-D-8-70-ST	8	M 5	5.3	70	2.6	1	1.2	8	8	27

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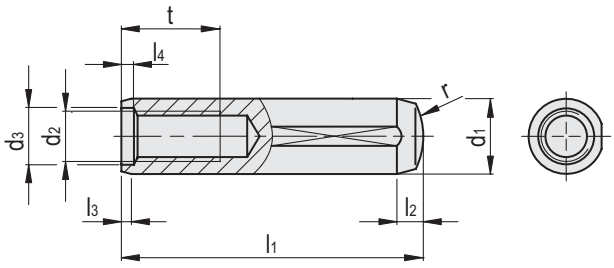

DIN 7979

Code	Description	d_1	$d_{1\ m6}$	d_1 +0.5/+0.2	d_2	d_3	d_4	h	l	$l_{1\ js15}$	⚖
GN.17336	DIN 7979-D-10-20-ST	10	M 6	6.4	20	3	1.2	1.2	10	10	10
GN.17337	DIN 7979-D-10-24-ST	10	M 6	6.4	24	3	1.2	1.2	10	10	13
GN.17338	DIN 7979-D-10-28-ST	10	M 6	6.4	28	3	1.2	1.2	10	10	15
GN.17339	DIN 7979-D-10-32-ST	10	M 6	6.4	32	3	1.2	1.2	10	10	18
GN.17340	DIN 7979-D-10-36-ST	10	M 6	6.4	36	3	1.2	1.2	10	10	20
GN.17341	DIN 7979-D-10-40-ST	10	M 6	6.4	40	3	1.2	1.2	10	10	23
GN.17342	DIN 7979-D-10-45-ST	10	M 6	6.4	45	3	1.2	1.2	10	10	26
GN.17343	DIN 7979-D-10-50-ST	10	M 6	6.4	50	3	1.2	1.2	10	10	29
GN.17344	DIN 7979-D-10-55-ST	10	M 6	6.4	55	3	1.2	1.2	10	10	32
GN.17345	DIN 7979-D-10-60-ST	10	M 6	6.4	60	3	1.2	1.2	10	10	29
GN.17346	DIN 7979-D-10-70-ST	10	M 6	6.4	70	3	1.2	1.2	10	10	41
GN.17347	DIN 7979-D-10-80-ST	10	M 6	6.4	80	3	1.2	1.2	10	10	47
GN.17351	DIN 7979-D-12-24-ST	12	M 6	6.4	24	3.8	1.6	1.2	12	10	19
GN.17352	DIN 7979-D-12-28-ST	12	M 6	6.4	28	3.8	1.6	1.2	12	10	20
GN.17353	DIN 7979-D-12-32-ST	12	M 6	6.4	32	3.8	1.6	1.2	12	10	24
GN.17354	DIN 7979-D-12-36-ST	12	M 6	6.4	36	3.8	1.6	1.2	12	10	27
GN.17355	DIN 7979-D-12-40-ST	12	M 6	6.4	40	3.8	1.6	1.2	12	10	31
GN.17356	DIN 7979-D-12-45-ST	12	M 6	6.4	45	3.8	1.6	1.2	12	10	36
GN.17357	DIN 7979-D-12-50-ST	12	M 6	6.4	50	3.8	1.6	1.2	12	10	40
GN.17358	DIN 7979-D-12-55-ST	12	M 6	6.4	55	3.8	1.6	1.2	12	10	47
GN.17359	DIN 7979-D-12-60-ST	12	M 6	6.4	60	3.8	1.6	1.2	12	10	50
GN.17360	DIN 7979-D-12-70-ST	12	M 6	6.4	70	3.8	1.6	1.2	12	10	60
GN.17361	DIN 7979-D-12-80-ST	12	M 6	6.4	80	3.8	1.6	1.2	12	10	69
GN.17362	DIN 7979-D-12-100-ST	12	M 6	6.4	100	3.8	1.6	1.2	12	10	87
GN.17371	DIN 7979-D-16-32-ST	16	M 8	8.4	32	4.7	2	1.5	16	12	46
GN.17372	DIN 7979-D-16-40-ST	16	M 8	8.4	40	4.7	2	1.5	16	12	58
GN.17373	DIN 7979-D-16-50-ST	16	M 8	8.4	50	4.7	2	1.5	16	12	74
GN.17374	DIN 7979-D-16-60-ST	16	M 8	8.4	60	4.7	2	1.5	16	12	90
GN.17375	DIN 7979-D-16-70-ST	16	M 8	8.4	70	4.7	2	1.5	16	12	106
GN.17376	DIN 7979-D-16-80-ST	16	M 8	8.4	80	4.7	2	1.5	16	12	121
GN.17377	DIN 7979-D-16-100-ST	16	M 8	8.4	100	4.7	2	1.5	16	12	153
GN.17378	DIN 7979-D-16-120-ST	16	M 8	8.4	120	4.7	2	1.5	16	12	185
GN.17385	DIN 7979-D-20-50-ST	20	M 10	10.5	50	6	2.5	1.5	20	16	113
GN.17386	DIN 7979-D-20-60-ST	20	M 10	10.5	60	6	2.5	1.5	20	16	138
GN.17387	DIN 7979-D-20-70-ST	20	M 10	10.5	70	6	2.5	1.5	20	16	162
GN.17388	DIN 7979-D-20-80-ST	20	M 10	10.5	80	6	2.5	1.5	20	16	187
GN.17389	DIN 7979-D-20-100-ST	20	M 10	10.5	100	6	2.5	1.5	20	16	236
GN.17390	DIN 7979-D-20-120-ST	20	M 10	10.5	120	6	2.5	1.5	20	16	286

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