

Dowel Pins

Steel, with Internal Thread

SPECIFICATION

Type

- Type **D**: Hardened

Steel ST

- Hardened (HRC 60 ±2)
- Fit dimension d₁ ground, plain finish

INFORMATION

Dowel pins DIN 7979 connect, secure and position machine parts. They are used in conjunction with blind holes. The centering step facilitates with pressing in the part. The flat section relieves trapped air, making them easier to insert and remove.

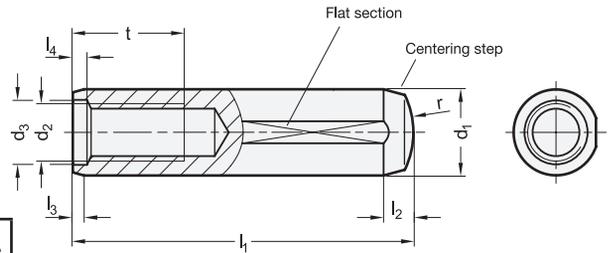
The dowel pin can be removed via the internal thread using a puller handle or slide hammer. The protective countersink d₃ on the thread protects it from damage during installation.

The dimensions correspond to ISO 8735. In combination with a location hole H7 a transition fit can be achieved.



TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)



DIN 7979

Description	d ₁ m6	l ₁ js15	d ₂	d ₃	l ₂	l ₃	l ₄	r	t	⚖
DIN 7979-D-6-20-ST	6	20	M4	4.3	2.1	0.8	1	6	6	4
DIN 7979-D-6-24-ST	6	24	M4	4.3	2.1	0.8	1	6	6	5
DIN 7979-D-6-28-ST	6	28	M4	4.3	2.1	0.8	1	6	6	6
DIN 7979-D-6-32-ST	6	32	M4	4.3	2.1	0.8	1	6	6	7
DIN 7979-D-6-36-ST	6	36	M4	4.3	2.1	0.8	1	6	6	8
DIN 7979-D-6-40-ST	6	40	M4	4.3	2.1	0.8	1	6	6	9
DIN 7979-D-6-45-ST	6	45	M4	4.3	2.1	0.8	1	6	6	10
DIN 7979-D-6-50-ST	6	50	M4	4.3	2.1	0.8	1	6	6	11
DIN 7979-D-6-55-ST	6	55	M4	4.3	2.1	0.8	1	6	6	12
DIN 7979-D-6-60-ST	6	60	M4	4.3	2.1	0.8	1	6	6	13
DIN 7979-D-8-20-ST	8	20	M5	5.3	2.6	1	1.2	8	8	7
DIN 7979-D-8-24-ST	8	24	M5	5.3	2.6	1	1.2	8	8	8
DIN 7979-D-8-28-ST	8	28	M5	5.3	2.6	1	1.2	8	8	10
DIN 7979-D-8-32-ST	8	32	M5	5.3	2.6	1	1.2	8	8	11
DIN 7979-D-8-36-ST	8	36	M5	5.3	2.6	1	1.2	8	8	13
DIN 7979-D-8-40-ST	8	40	M5	5.3	2.6	1	1.2	8	8	14
DIN 7979-D-8-45-ST	8	45	M5	5.3	2.6	1	1.2	8	8	16
DIN 7979-D-8-50-ST	8	50	M5	5.3	2.6	1	1.2	8	8	18
DIN 7979-D-8-55-ST	8	55	M5	5.3	2.6	1	1.2	8	8	20
DIN 7979-D-8-60-ST	8	60	M5	5.3	2.6	1	1.2	8	8	22
DIN 7979-D-8-70-ST	8	70	M5	5.3	2.6	1	1.2	8	8	26
DIN 7979-D-10-20-ST	10	20	M6	6.4	3	1.2	1.2	10	10	10
DIN 7979-D-10-24-ST	10	24	M6	6.4	3	1.2	1.2	10	10	12
DIN 7979-D-10-28-ST	10	28	M6	6.4	3	1.2	1.2	10	10	15
DIN 7979-D-10-32-ST	10	32	M6	6.4	3	1.2	1.2	10	10	17
DIN 7979-D-10-36-ST	10	36	M6	6.4	3	1.2	1.2	10	10	20
DIN 7979-D-10-40-ST	10	40	M6	6.4	3	1.2	1.2	10	10	22
DIN 7979-D-10-45-ST	10	45	M6	6.4	3	1.2	1.2	10	10	25
DIN 7979-D-10-50-ST	10	50	M6	6.4	3	1.2	1.2	10	10	28
DIN 7979-D-10-55-ST	10	55	M6	6.4	3	1.2	1.2	10	10	32
DIN 7979-D-10-60-ST	10	60	M6	6.4	3	1.2	1.2	10	10	35
DIN 7979-D-10-70-ST	10	70	M6	6.4	3	1.2	1.2	10	10	41
DIN 7979-D-10-80-ST	10	80	M6	6.4	3	1.2	1.2	10	10	47

DIN 7979

Description	d ₁ m6	l ₁ js15	d ₂	d ₃	l ₂	l ₃	l ₄	r	t	⚖
DIN 7979-D-12-24-ST	12	24	M6	6.4	3.8	1.6	1.2	10	12	19
DIN 7979-D-12-28-ST	12	28	M6	6.4	3.8	1.6	1.2	10	12	20
DIN 7979-D-12-32-ST	12	32	M6	6.4	3.8	1.6	1.2	10	12	23
DIN 7979-D-12-36-ST	12	36	M6	6.4	3.8	1.6	1.2	10	12	27
DIN 7979-D-12-40-ST	12	40	M6	6.4	3.8	1.6	1.2	10	12	30
DIN 7979-D-12-45-ST	12	45	M6	6.4	3.8	1.6	1.2	10	12	35
DIN 7979-D-12-50-ST	12	50	M6	6.4	3.8	1.6	1.2	10	12	40
DIN 7979-D-12-55-ST	12	55	M6	6.4	3.8	1.6	1.2	10	12	46
DIN 7979-D-12-60-ST	12	60	M6	6.4	3.8	1.6	1.2	10	12	50
DIN 7979-D-12-70-ST	12	70	M6	6.4	3.8	1.6	1.2	10	12	60
DIN 7979-D-12-80-ST	12	80	M6	6.4	3.8	1.6	1.2	10	12	69
DIN 7979-D-12-100-ST	12	100	M6	6.4	3.8	1.6	1.2	10	12	86
DIN 7979-D-16-32-ST	16	32	M8	8.4	4.7	2	1.5	12	16	45
DIN 7979-D-16-40-ST	16	40	M8	8.4	4.7	2	1.5	12	16	58
DIN 7979-D-16-50-ST	16	50	M8	8.4	4.7	2	1.5	12	16	74
DIN 7979-D-16-60-ST	16	60	M8	8.4	4.7	2	1.5	12	16	89
DIN 7979-D-16-70-ST	16	70	M8	8.4	4.7	2	1.5	12	16	105
DIN 7979-D-16-80-ST	16	80	M8	8.4	4.7	2	1.5	12	16	121
DIN 7979-D-16-100-ST	16	100	M8	8.4	4.7	2	1.5	12	16	152
DIN 7979-D-16-120-ST	16	120	M8	8.4	4.7	2	1.5	12	16	184
DIN 7979-D-20-50-ST	20	50	M10	10.5	6	2.5	1.5	16	20	113
DIN 7979-D-20-60-ST	20	60	M10	10.5	6	2.5	1.5	16	20	137
DIN 7979-D-20-70-ST	20	70	M10	10.5	6	2.5	1.5	16	20	162
DIN 7979-D-20-80-ST	20	80	M10	10.5	6	2.5	1.5	16	20	187
DIN 7979-D-20-100-ST	20	100	M10	10.5	6	2.5	1.5	16	20	236
DIN 7979-D-20-120-ST	20	120	M10	10.5	6	2.5	1.5	16	20	285