



1 Type
D Hardened

Metric table

Dimensions in: millimeters - inches

d ₁ m6	l ₁ js15												d ₂	d ₃	l ₂	l ₃	l ₄	r	t
6	20	24	28	32	36	40	45	50	55	60	-	-	M 4	4.3	2.1	0.8	1	6	6
0.2362	0.787	0.945	1.102	1.260	1.417	1.575	1.772	1.969	2.165	2.362				0.17	0.08	0.03	0.04	0.24	0.24
8	20	24	28	32	36	40	45	50	55	60	70	-	M 5	5.3	2.6	1	1.2	8	8
0.3150	0.787	0.945	1.102	1.260	1.417	1.575	1.772	1.969	2.165	2.362	2.756			0.21	0.10	0.04	0.05	0.31	0.31
10	20	24	28	32	36	40	45	50	55	60	70	80	M 6	6.4	3	1.2	1.2	10	10
0.3937	0.787	0.945	1.102	1.260	1.417	1.575	1.772	1.969	2.165	2.362	2.756	3.150		0.25	0.12	0.05	0.05	0.39	0.39
12	24	28	32	36	40	45	50	55	60	70	80	100	M 6	6.4	3.8	1.6	1.2	10	12
0.4724	0.945	1.102	1.260	1.417	1.575	1.772	1.969	2.165	2.362	2.756	3.150	3.937		0.25	0.15	0.06	0.05	0.39	0.47
16	32	40	50	60	70	80	100	120	-	-	-	-	M 8	8.4	4.7	2	1.5	12	16
0.6299	1.260	1.575	1.969	2.362	2.756	3.150	3.937	4.724						0.33	0.19	0.08	0.06	0.47	0.63
20	50	60	70	80	100	120	-	-	-	-	-	-	M 10	10.5	6	2.5	1.5	16	20
0.7874	1.969	2.362	2.756	3.150	3.937	4.724								0.41	0.24	0.10	0.06	0.63	0.79

Specification

- Steel **ST**
 - Hardened (HRC 60 ±2)
 - Fit dimension d₁ ground, plain finish
- ISO Fundamental Tolerances → page QVX
- RoHS

On request

- Stainless steel

Information

Dowel pins DIN 7979 connect, secure and position machine parts.

They are used in conjunction with blind holes. The centering step assists 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 an extractor 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.

see also...

- Dowel Pins DIN 6325 → page QVX
- Locating Pins GN 771.1 / GN 771.2 → page QVX

How to order	1 Type
DIN 7979-D-6-24-ST	2 Diameter d ₁
	3 Length l ₁
	4 Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10