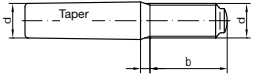


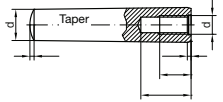


## Dimensions for pins

### Taper pins

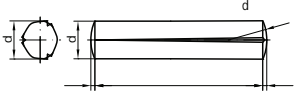
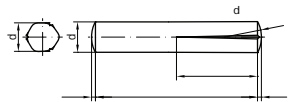
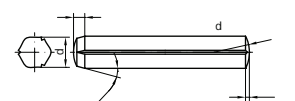
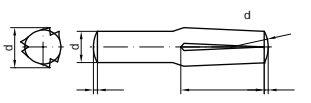
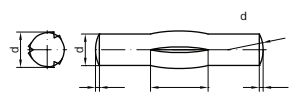
DIN (ISO)	Dimensions	5	6	8	10	12	14	16	20	
<b>7977</b> <b>(8737)</b>		b	14	18	22	24	27	30	35	35
	a <sub>max</sub>	2.4	3	4	4.5	5.3	6	6	6	
	d <sub>2</sub>	M 5	M 6	M 8	M 10	M 12	M 12	M 16	M 16	

d<sub>1</sub> = nominal size

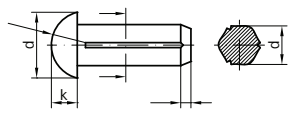
DIN (ISO)	Dimensions	6	8	10	12	16	20	
<b>7978</b> <b>(8738)</b>		a	0.8	1	1.2	1.6	2	2.5
	d <sub>2</sub>	M 4	M 5	M 6	M 8	M 10	M 12	
	t <sub>1</sub>	6	8	10	12	16	18	
	t <sub>2 min</sub>	10	12	16	20	25	27	

d<sub>1</sub> = nominal size

### Grooved pins

DIN	Dimensions	1.5	2	2.5	3	4	
<b>1471</b> <b>(8741)</b>		d <sub>2</sub> <sup>1)</sup>	1.60 - 1.63	2.10 - 2.15	2.60 - 2.70	3.20 - 3.30	4.15 - 4.30
	c	0.2	0.25	0.3	0.4	0.5	
<b>1472</b> <b>(8742)</b>		shear strength <sup>2)</sup> DIN	1.6	2.85	4.25	6.15	10.6
	shear strength <sup>2)</sup> ISO	1.6	2.84	4.4	6.4	11.3	
<b>1473</b> <b>(8740)</b>		<b>Dimensions</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>
		d <sub>2</sub> <sup>1)</sup>	5.15 - 5.30	6.15 - 6.35	8.20 - 8.40	10.20 - 10.45	12.25 - 12.50
<b>1474</b> <b>(8744)</b>	c	0.63	0.85	1	1.2	1.6	
		shear strength <sup>2)</sup> DIN	16.5	22.8	40.5	63.2	91.0
<b>1475</b> <b>(8745)</b>	shear strength <sup>2)</sup> ISO	17.6	25.4	45.2	70.4	101.8	

<sup>1)</sup> Ø is dependent on the length  
<sup>2)</sup> minimum shear strength, double kN

DIN (ISO)	Dimensions	1.4	1.6	2	2.3*	2.5	2.6*	3	4	5	6	
<b>1476</b> <b>(8746)</b>		d <sub>2</sub>	1.5	1.7	2.15	2.5	2.7	2.8	3.2	4.25	5.25	6.3
	d <sub>3</sub>	2.4	2.8	3.5	4.0	4.4	4.5	5.2	7	8.8	10.5	
	k	0.8	1	1.2	1.4	1.5	1.6	1.8	2.4	3	3.6	
	r	1.4	1.6	1.9	2.1	2.4	2.6	2.8	3.8	4.6	5.7	
	f	0.5	0.5	0.5	0.7	0.7	0.7	4	1.5	1.5	2	

\* intermediate sizes not included in the standard