

**In addition to the general tolerances on our drawings, the in-house tolerances listed below must be observed!**

**In case of doubt, the more precise answer applies.**

The dimensions depend on the decimal places specified, e.g.:

### Drawing dimension                      **1.3 Tolerance**

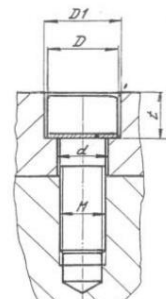
50	+/- 1mm
50.0	+/- 0.1mm
50.00	+/- 0.01mm

All hole positions of a part must be correctly aligned with each other (pin holes +/- 0.01 mm; screw holes +/- 0.1 mm).

### Countersink cf. DIN974-1 for screws with cylinder head

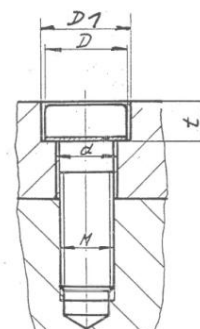
The following countersinking depths apply to screws **with standard heads** :

Designation	Screw Ø small d	Ø large D1	Depth t
Km3	M3	3.4 6.0	<b>4.2</b>
Km4	M4	4.5 8.0	<b>5.5</b>
Km5	M5	5.5 10.0	<b>7.0</b>
Km6	M6	6.6 11.0	<b>8.0</b>
Km8	M8	9.0 15.0	<b>10.5</b>
Km10	M10	11.0 18.0	<b>13.0</b>
Km12	M12	14.0 20.0	<b>15.0</b>
Km16	M16	18.0 26.0	<b>20.0</b>



The following countersinking depths apply to screws **with flat heads** :

Designation	Screw Ø small d	Ø large D1	Depth t
Jm3	M3	3.4 6.0	
Jm4	M4	4.5 8.0 5.5 10.0	<b>6.6</b>
Jm 5	M5	11.0 9.0 15.0 11.0	<b>5.1</b>
Jm6	M6	18.0 14.0 20.0 18.0	<b>5.8</b>
Jm 8	M8	26.0	<b>7.0</b>
Jm 10	M10		<b>8.3</b>
Jm 12	M12		<b>9.3</b>
Jm 16	M16		<b>12.5</b>



### Countersink cf. DIN74 Form F for screws with countersunk head

DIN EN ISO 10642 (replacement for DIN 7991)

Designation	Screw d	Bm 3 M 3 3.4	Bm 4 M 4 4.5	D
Bm 5 M 5 5.5	Bm 6 M 6 6.6	Bm 8 M 8 9.0		6.6
Bm 10 M 10 11.0				9.0
				11.0
				13.0
				17.2
				21.5

