

Dimensions for washers and rings



Adjusting rings

DIN	Dimensions	20	24	25	26	28	30	32	34
703	d ₂	40	56	56	56	63	63	63	70
	d ₃	M 10	M 10	M 10	M 10	M 10	M 10	M 10	M 10
	b	20	22	22	22	22	22	22	22
	set screw *	M 10x15	M 10x15	M 10x15	M 10x15	M 10x15	M 10x15	M 10x15	M 10x15
	Dimensions	35	36	38	40	42	45	48	50
	d ₂	70	70	70	80	80	80	80	90
	d ₃	M 10	M 10	M 10	M 12	M 12	M 12	M 12	M 12
	b	22	22	22	28	28	28	28	28
	set screw *	M 10x15	M 10x15	M 10x15	M 12x20	M 12x20	M 12x20	M 12x20	M 12x20
	Dimensions	52	55	56	58	60	63	65	68
	d ₂	90	90	90	100	100	100	100	110
	d ₃	M 12	M 12	M 12	M 12	M 12	M 12	M 12	M 16
b	28	28	28	28	28	28	28	32	
set screw *	M 12x20	M 12x20	M 12x20	M 12x20	M 12x20	M 12x20	M 12x20	M 16x20	
Dimensions	70	72	75	80	85	90	95	100	
d ₂	110	110	110	125	125	125	140	140	
d ₃	M 16	M 16	M 16	M 16	M 16	M 16	M 16	M 16	
b	32	32	32	32	32	32	32	32	
set screw *	M 16x20	M 16x20	M 16x20	M 16x20	M 16x20	M 16x20	M 16x25	M 16x25	
Dimensions	110	120	125	130	140	150			
d ₂	160	160	180	180	200	200			
d ₃	M 16	M 16	M 16	M 16	M 20x2	M 20x2			
b	32	32	36	36	38	38			
set screw *	M 16x25	M 16x25	M 16x30	M 16x30	M 20x30	M 20x30			

* d₁ ≤ 65: one set screw with slot
 d₁ ≥ 68: two set screws with hexagon socket

DIN	Dimensions	4	5	6	8	9	10	12	13	14
705 A	b	5	6	8	8	10	10	12	12	12
	d ₂	8	10	12	16	18	20	22	22	25
	d ₃	M 2.5	M 3	M 4	M 4	M 4	M 5	M 6	M 6	M 6
	d ₄	1	1.5	1.5	2	2	3	4	4	4
	A with set screw ¹⁾	M 2.5x3	M 3x4	M 4x5	M 4x6	M 4x6	M 5x8	M 6x8	M 6x8	M 6x8
	B for pins ²⁾	1 x 8	1.5 x 10	1.5 x 12	2 x 16	2 x 16	3 x 20	4 x 22	4 x 22	4 x 24
	Dimensions	15	16	17	18	20	22	24	25	26
	b	12	12	12	14	14	14	16	16	16
	d ₂	25	28	28	32	32	36	40	40	40
	d ₃	M 6	M 6	M 6	M 6	M 6	M 6	M 8	M 8	M 8
	d ₄	4	4	4	5	5	5	6	6	6
	A with set screw ¹⁾	M 6x8	M 6x8	M 6x8	M 6x8	M 6x8	M 6x10	M 8x12	M 8x10	M 8x10
B for pins ²⁾	4 x 24	4 x 28	4 x 28	5 x 32	5 x 32	5 x 36	6 x 40	6 x 40	6 x 40	
Dimensions	28	30	32	34	35	36	38	40	42	
b	16	16	16	16	16	16	16	18	18	
d ₂	45	45	50	50	56	56	56	63	63	
d ₃	M 8	M 8	M 8	M 8	M 8	M 8	M 8	M 10	M 10	
d ₄	6	6	8	8	8	8	8	8	8	
A with set screw ¹⁾	M 8x12	M 8x10	M 8x12	M 8x12	M 8x12	M 8x12	M 8x12	M 10x16	M 10x16	
B for pins ²⁾	6 x 45	6 x 45	8 x 50	8 x 50	8 x 55	8 x 55	8 x 55	8 x 60	8 x 60	
Dimensions	45	50	55	60	65	70	75	80	85	
b	18	18	18	20	20	20	22	22	22	
d ₂	70	80	80	90	100	100	110	110	125	
d ₃	M 10	M 10	M 10	M 10	M 10	M 10	M 12	M 12	M 12	
d ₄	8	10	10	10	10	10	10	10	12	
A with set screw ¹⁾	M 10x16	M 10x16	M 10x16	M 10x16	M 10x20	M 10x20	M 12x20	M 12x20	M 12x25	
B for pins ²⁾	8 x 70	10 x 80	10 x 80	10 x 90	10 x 100	10 x 100	10 x 100	10 x 110	12 x 120	
Dimensions	90	100	110	120	125	130	140			
b	22	25	25	25	28	28	28			
d ₂	125	140	160	160	180	180	200			
d ₃	M 12	M 12	M 12	M 12	M 16	M 16	M 16			
d ₄	12	12	12	12	16	16	16			
A with set screw ¹⁾	M 12x20	M 12x25	M 12x30	M 12x25	M 16x35	M 16x35	M 16x35			
B for pins ²⁾	12 x 120	12 x 140	12 x 160	12 x 160	16 x 180	16 x 180	16 x 200			

A = with set screws
 B = with drilling for grooved or taper pins
¹⁾ d₁ ≤ 70 a set screw with slot
²⁾ d₁ ≥ 75 a set screw with hexagon socket