



Dimensions for washers and rings

Retaining/lock washers and rings

DIN	Dimensions	3	3.5	4	5	6	7	8	10
127 A	d ₁	3.1	3.6	4.1	5.1	6.1	7.1	8.1	10.2
	d ₂	6.2	6.7	7.6	9.2	11.8	12.8	14.8	18.1
	s	0.8	0.8	0.9	1.2	1.6	1.6	2	2.2
	h _{type A}	1.9	1.9	2.1	2.7	3.6	3.6	4.6	5
	h _{type B}	1.6	1.6	1.8	2.4	3.2	3.2	4	4.4
127 B	d ₁	12.2	14.2	16.2	18.2	20.2	22.5	24.5	27.5
	d ₂	21.1	24.1	27.4	29.4	33.6	35.9	40	43
	s	2.5	3	3.5	3.5	4	4	5	5
	h _{type A}	5.8	6.8	7.8	7.8	8.8	8.8	11	11
	h _{type B}	5	6	7	7	8	8	10	10
127 C	d ₁	30.5	33.5	36.5	39.5	42.5	45.5	49	53
	d ₂	48.2	53.2	58.2	61.2	68.2	71.2	75	82
	s	6	6	6	6	7	7	7	8
	h _{type A}	13.6	13.6	13.6	13.6	15.6	15.6	15.6	18
	h _{type B}	12	12	12	12	14	14	14	16

DIN	Dimensions	3	4	5	6	8	10	12	14
128 A	d ₁	3.1	4.1	5.1	6.1	8.1	10.2	12.2	14.2
	d ₂	6.2	7.6	9.2	11.8	14.8	18.1	21.1	24.1
	s	0.7	0.8	1	1.3	1.6	1.8	2.1	2.4
	h	1.3	1.4	1.7	2.2	2.75	3.15	3.65	4.3
128 B	d ₁	16.2	18.2	20.2	22.5	24.5	30.5	35.5	
	d ₂	27.4	29.4	33.6	35.9	40	30.5	58.2	
	s	2.8	2.8	3.2	3.2	4	6	3	
	h	5.1	5.1	5.9	5.9	7.5	10.5	11.3	

DIN	Dimensions	2	2.3	2.6	3	3.5	4	5	6	7	8	10
137 A	d ₁	2.2	2.5	2.8	3.2	3.7	4.3	5.3	6.4	7.4	8.4	10.5
	d ₂	4.5	5	5.5	6	7	8	10	11	12	15	18
	s	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.8
	h	1	1	1.1	1.3	1.4	1.6	1.8	2.2	2.4	3.4	4

DIN	Dimensions	3	3.5	4	5	6	7	8	10
137 B	d ₁	3.2	3.7	4.3	5.3	6.4	7.4	8.4	10.5
	d ₂	8	8	9	11	12	14	15	21
	s	0.5	0.5	0.5	0.5	0.5	0.8	0.8	1
	h	1.6	1.8	2	2.2	2.6	3	3	4.2
137 C	d ₁	13	15	17	19	21	23	25	28
	d ₂	24	28	30	34	36	40	44	50
	s	1.2	1.6	1.6	1.6	1.6	1.8	1.8	2
	h	5	6	6.4	6.6	7.4	7.8	8.2	9.4
137 D	d ₁	31	34	37	43	46	50	54	
	d ₂	56	60	68	78	85	92	98	
	s	2.2	2.2	2.5	3	3	3.5	3.5	
	h	10	10.6	11.6	13.6	14.2	15.6	16.4	