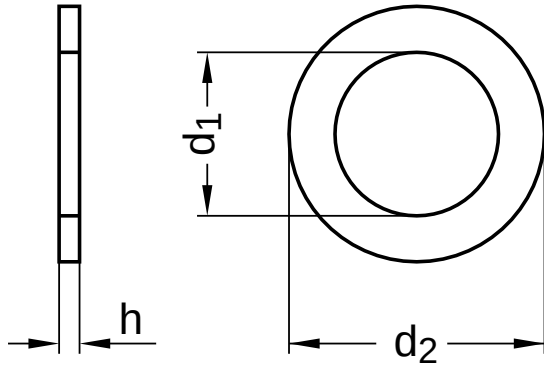


DIN 988
Shim rings

Steel | bright | Cr(VI)-free



Diameter (d)	nominal size	d ₁		d ₂			h	
		min.	max.	nominal size	min.	max.	min.	max.
3	3	3.02	3.12	6	5.65	5.97	0.07	0.10
				6	5.65	5.97	0.25	0.30
				6	5.65	5.97	0.45	0.50
				6	5.65	5.97	0.95	1.00
				6	5.65	5.97	0.16	0.20
4	4	4.03	4.15	8	7.61	7.96	0.45	0.50
				8	7.61	7.96	0.95	1.00
				8	7.61	7.96	0.25	0.30
				8	7.61	7.96	0.16	0.20
				8	7.61	7.96	0.07	0.10
5	5	5.03	5.15	10	9.61	9.96	0.45	0.50
				10	9.61	9.96	0.25	0.30
				10	9.61	9.96	0.16	0.20
				10	9.61	9.96	0.95	1.00
				10	9.61	9.96	0.30	0.25
6	6	6.03	6.15	12	11.77	11.95	0.25	0.30
				12	11.77	11.95	0.95	1.00
				12	11.77	11.95	1.15	1.20
				12	11.77	11.95	0.45	0.50
				12	11.77	11.95	0.07	0.10
7	7	7.04	7.19	13	12.77	12.95	1.15	1.20
				13	12.77	12.95	0.45	0.50
				13	12.77	12.95	0.25	0.30
				13	12.77	12.95	0.07	0.10
				13	12.77	12.95	0.16	0.20
				13	12.77	12.95	0.95	1.00

All technical data refer to the measure mm



DIN 988
Shim rings

Steel | bright | Cr(VI)-free

Diameter (d)	nominal size	d ₁		d ₂			h	
		min.	max.	nominal size	min.	max.	min.	max.
8	8	8.04	8.19	14	13.77	13.95	–	2.40
				14	13.77	13.95	–	0.40
				14	13.77	13.95	1.15	1.20
				14	13.77	13.95	0.16	0.20
				14	13.77	13.95	0.95	1.00
				14	13.77	13.95	0.07	0.10
				14	13.77	13.95	0.25	0.30
				14	13.77	13.95	0.45	0.50
9	9	9.04	9.19	15	14.77	14.95	0.25	0.30
				15	14.77	14.95	0.07	0.10
				15	14.77	14.95	0.95	1.00
				15	14.77	14.95	0.16	0.20
				15	14.77	14.95	0.45	0.50
10	10	10.04	10.19	16	15.77	15.95	1.15	1.20
				16	15.77	15.95	–	0.60
				16	15.77	15.95	1.95	2.00
				16	15.77	15.95	0.25	0.30
				16	15.77	15.95	0.07	0.10
				16	15.77	15.95	0.95	1.00
				16	15.77	15.95	0.45	0.50
				16	15.77	15.95	0.16	0.20
11	11	11.05	11.23	17	16.77	16.95	0.25	0.30
				17	16.77	16.95	0.07	0.10
				17	16.77	16.95	0.95	1.00
				17	16.77	16.95	0.45	0.50
				17	16.77	16.95	0.16	0.20
				17	16.77	16.95	1.15	1.20
12	12	12.05	12.23	16	15.77	15.95	0.25	0.30
				18	17.77	17.95	1.15	1.20
				18	17.77	17.95	0.95	1.00
				18	17.77	17.95	0.25	0.30
				18	17.77	17.95	0.07	0.10
				18	17.77	17.95	1.45	1.50
				18	17.77	17.95	0.16	0.20
				18	17.77	17.95	0.45	0.50
				24	23.72	23.94	0.45	0.50
13	13	13.05	13.23	19	18.72	18.94	0.45	0.50
				19	18.72	18.94	0.25	0.30
				19	18.72	18.94	0.16	0.20
				19	18.72	18.94	0.07	0.10
				19	18.72	18.94	0.95	1.00
				19	18.72	18.94	1.45	1.50
14	14	14.05	14.23	20	19.72	19.94	0.16	0.20
				20	19.72	19.94	0.07	0.10
				20	19.72	19.94	0.45	0.50
				20	19.72	19.94	0.95	1.00
				20	19.72	19.94	–	0.25
				20	19.72	19.94	0.25	0.30
				24	23.72	23.94	0.95	1.00

All technical data refer to the measure mm



DIN 988
Shim rings

Steel | bright | Cr(VI)-free

Diameter (d)	nominal size	d ₁		nominal size	d ₂		h	
		min.	max.		min.	max.	min.	max.
15	15	15.05	15.23	21	20.72	20.94	0.07	0.10
				21	20.72	20.94	0.25	0.30
				21	20.72	20.94	1.95	2.00
				21	20.72	20.94	0.45	0.50
				21	20.72	20.94	1.45	1.50
				21	20.72	20.94	0.16	0.20
				21	20.72	20.94	0.95	1.00
				22	21.72	21.94	0.25	0.30
				22	21.72	21.94	0.45	0.50
				22	21.72	21.94	0.95	1.00
				22	21.72	21.94	1.45	1.50
				22	21.72	21.94	–	0.25
				22	21.72	21.94	0.16	0.20
				22	21.72	21.94	0.07	0.10
16	16	16.05	16.23	22	21.72	21.94	0.45	0.50
				22	21.72	21.94	0.25	0.30
				22	21.72	21.94	0.95	1.00
				22	21.72	21.94	0.16	0.20
				22	21.72	21.94	0.07	0.10
				22	21.72	21.94	1.45	1.50
17	17	17.05	17.23	24	23.72	23.94	0.45	0.50
				24	23.72	23.94	0.16	0.20
				24	23.72	23.94	0.25	0.30
				24	23.72	23.94	0.95	1.00
				24	23.72	23.94	0.07	0.10
18	18	18.05	18.23	25	24.72	24.94	0.95	1.00
				25	24.72	24.94	0.45	0.50
				25	24.72	24.94	0.25	0.30
				25	24.72	24.94	0.16	0.20
				25	24.72	24.94	–	0.25
				25	24.72	24.94	1.45	1.50
19	19	19.06	19.28	26	25.72	25.94	0.16	0.20
				26	25.72	25.94	0.07	0.10
				26	25.72	25.94	0.45	0.50
				26	25.72	25.94	0.25	0.30
				26	25.72	25.94	1.45	1.50
				26	25.72	25.94	0.95	1.00
20	20	20.06	20.28	28	27.72	27.94	1.25	1.30
				28	27.72	27.94	0.12	0.15
				28	27.72	27.94	0.25	0.30
				28	27.72	27.94	0.95	1.00
				28	27.72	27.94	0.45	0.50
				28	27.72	27.94	0.07	0.10
				28	27.72	27.94	0.16	0.20
				28	27.72	27.94	1.45	1.50
				28	27.72	27.94	1.95	2.00

All technical data refer to the measure mm



DIN 988
Shim rings

Steel | bright | Cr(VI)-free

Diameter (d)	nominal size	d ₁		d ₂			h	
		min.	max.	nominal size	min.	max.	min.	max.
22	22	22.06	22.28	30	29.72	29.94	1.95	2.00
				30	29.72	29.94	0.16	0.20
				30	29.72	29.94	0.07	0.10
				30	29.72	29.94	0.25	0.30
				30	29.72	29.94	0.95	1.00
				30	29.72	29.94	1.45	1.50
				30	29.72	29.94	0.45	0.50
				32	31.67	31.92	0.45	0.50
				32	31.67	31.92	0.16	0.20
				32	31.67	31.92	0.07	0.10
				32	31.67	31.92	0.25	0.30
				25	25	25.06	25.28	35
35	34.67	34.92	0.16					0.20
35	34.67	34.92	0.45					0.50
35	34.67	34.92	0.95					1.00
35	34.67	34.92	0.25					0.30
35	34.67	34.92	0.07					0.10
26	26	26.06	26.28	37	36.67	36.92	0.45	0.50
				37	36.67	36.92	0.07	0.10
				37	36.67	36.92	1.95	2.00
				37	36.67	36.92	0.25	0.30
				37	36.67	36.92	0.95	1.00
				37	36.67	36.92	0.16	0.20
28	28	26.06	28.28	40	39.67	39.92	0.95	1.00
				40	39.67	39.92	0.25	0.30
				40	39.67	39.92	0.07	0.10
				40	39.67	39.92	0.16	0.20
				40	39.67	39.92	0.45	0.50
				40	39.67	39.92	1.45	1.50
30	30	30.06	30.28	42	41.67	41.92	0.25	0.30
				42	41.67	41.92	1.55	1.60
				42	41.67	41.92	0.95	1.00
				42	41.67	41.92	1.65	1.70
				42	41.67	41.92	0.12	0.15
				42	41.67	41.92	1.95	2.00
				42	41.67	41.92	1.45	1.50
				42	41.67	41.92	0.45	0.50
				42	41.67	41.92	0.07	0.10
				42	41.67	41.92	0.16	0.20
32	32	32.08	32.33	45	44.67	44.92	0.95	1.00
				45	44.67	44.92	2.45	2.50
				45	44.67	44.92	1.95	2.00
				45	44.67	44.92	0.45	0.50

All technical data refer to the measure mm



DIN 988
Shim rings

Steel | bright | Cr(VI)-free

Diameter (d)	nominal size	d ₁		d ₂			h	
		min.	max.	nominal size	min.	max.	min.	max.
35	35	35.08	35.33	45	44.67	44.92	0.16	0.20
				45	44.67	44.92	1.95	2.00
				45	44.67	44.92	0.45	0.50
				45	44.67	44.92	2.45	2.50
				45	44.67	44.92	0.25	0.30
				45	44.67	44.92	1.45	1.50
				45	44.67	44.92	0.07	0.10
				45	44.67	44.92	0.95	1.00
37	37	37.08	37.33	47	46.67	46.92	0.07	0.10
				47	46.67	46.92	0.95	1.00
				47	46.67	46.92	1.95	2.00
				47	46.67	46.92	0.45	0.50
				47	46.67	46.92	2.45	2.50
				47	46.67	46.92	0.16	0.20
				47	46.67	46.92	1.45	1.50
				47	46.67	46.92	0.25	0.30
40	40	40.08	40.33	50	49.67	49.92	0.95	1.00
				50	49.67	49.92	1.45	1.50
				50	49.67	49.92	0.07	0.10
				50	49.67	49.92	0.16	0.20
				50	49.67	49.92	0.25	0.30
				50	49.67	49.92	1.95	2.00
				50	49.67	49.92	0.45	0.50
				50	49.67	49.92	0.12	0.15
42	42	42.08	42.33	52	51.60	51.90	0.95	1.00
				52	51.60	51.90	0.25	0.30
				52	51.60	51.90	0.16	0.20
				52	51.60	51.90	1.95	2.00
				52	51.60	51.90	0.45	0.50
				52	51.60	51.90	0.12	0.15
				52	51.60	51.90	0.07	0.10
				52	51.60	51.90	0.95	1.00
45	45	45.08	45.33	55	54.60	54.90	0.95	1.00
				55	54.60	54.90	0.07	0.10
				55	54.60	54.90	0.45	0.50
				55	54.60	54.90	0.25	0.30
				55	54.60	54.90	1.45	1.50
				55	54.60	54.90	1.95	2.00
				55	54.60	54.90	0.16	0.20
				55	54.60	54.90	1.95	2.00
48	48	48.08	48.33	60	59.60	59.90	1.95	2.00
				60	59.60	59.90	0.45	0.50
				60	59.60	59.90	0.07	0.10
				60	59.60	59.90	0.95	1.00
50	50	50.08	50.33	62	61.60	61.90	1.95	2.00
				62	61.60	61.90	1.15	1.20
				62	61.60	61.90	0.12	0.15
				62	61.60	61.90	0.07	0.10
				62	61.60	61.90	0.45	0.50
				62	61.60	61.90	1.45	1.50
				62	61.60	61.90	0.95	1.00
				62	61.60	61.90	0.25	0.30
				62	61.60	61.90	0.16	0.20
				62	61.60	61.90	0.16	0.20

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DIN 988
Shim rings

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Diameter (d)	nominal size	d ₁		nominal size	d ₂		h	
		min.	max.		min.	max.	min.	max.
55	55	55.10	55.40	68	67.60	67.90	0.45	0.50
				68	67.60	67.90	2.94	3.00
				68	67.60	67.90	0.25	0.30
				68	67.60	67.90	0.07	0.10
				68	67.60	67.90	0.95	1.00
				68	67.60	67.90	0.16	0.20
56	56	56.10	56.40	70	69.60	69.90	0.16	0.20
				70	69.60	69.90	1.95	2.00
				70	69.60	69.90	0.45	0.50
				72	71.60	71.90	0.07	0.10
				72	71.60	71.90	0.95	1.00
				75	74.60	74.90	0.45	0.50
60	60	60.10	60.40	75	74.60	74.90	1.95	2.00
				75	74.60	74.90	0.95	1.00
				75	74.60	74.90	0.25	0.30
				75	74.60	74.90	0.16	0.20
				75	74.60	74.90	0.07	0.10
				80	79.60	79.90	0.95	1.00
63	63	63.10	63.40	80	79.60	79.90	1.95	2.00
				80	79.60	79.90	0.45	0.50
				90	89.53	89.68	0.95	1.00
70	70	70.10	70.40	90	89.53	89.68	1.95	2.00
				95	94.53	94.88	3.42	3.50
75	75	75.10	75.40	100	99.53	99.68	3.42	3.50
80	80	80.10	80.40	105	104.53	104.88	3.42	3.50
85	85	85.12	85.47	110	109.53	109.88	1.95	2.00
90	90	90.12	90.47	120	119.53	119.88	0.95	1.00
100	100	100.12	100.47	120	119.53	119.88	0.25	0.30
				120	119.53	119.88	1.95	2.00
				120	119.53	119.88	0.45	0.50
				120	119.53	119.88	3.42	3.50
				130	129.46	129.86	0.95	1.00
				130	129.46	129.86	0.16	0.20
105	105	105.12	105.47	130	129.46	129.86	0.45	0.50
				130	129.46	129.86	3.42	3.50
				140	139.46	139.86	0.16	0.20
				140	139.46	139.86	0.95	1.00
110	110	110.12	110.47	150	169.46	169.86	0.25	0.30
				150	169.46	169.86	0.07	0.10
				150	169.46	169.86	0.45	0.50
				150	169.46	169.86	0.95	1.00
				150	169.46	169.86	0.12	0.15
				180	179.46	179.86	0.45	0.50
150	150	150.14	150.54	200	199.37	199.83	3.42	3.50
170	170	170.14	170.54					

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