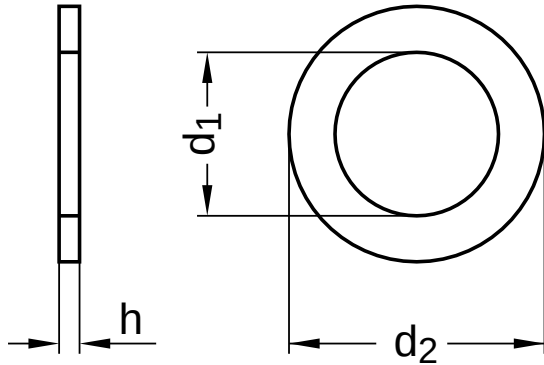


DIN 988
Shim rings

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	0.95	1.00
				6	5.65	5.97	0.16	0.20
				6	5.65	5.97	0.45	0.50
				6	5.65	5.97	0.07	0.10
				6	5.65	5.97	0.25	0.30
4	4	4.03	4.15	8	7.61	7.96	0.07	0.10
				8	7.61	7.96	0.45	0.50
				8	7.61	7.96	0.16	0.20
				8	7.61	7.96	0.95	1.00
				8	7.61	7.96	0.25	0.30
5	5	5.03	5.15	10	9.61	9.96	0.95	1.00
				10	9.61	9.96	0.30	0.25
				10	9.61	9.96	0.45	0.50
				10	9.61	9.96	0.16	0.20
				10	9.61	9.96	0.25	0.30
6	6	6.03	6.15	12	11.77	11.95	0.25	0.30
				12	11.77	11.95	0.16	0.20
				12	11.77	11.95	0.45	0.50
				12	11.77	11.95	0.07	0.10
				12	11.77	11.95	0.95	1.00
				12	11.77	11.95	1.95	2.00
				12	11.77	11.95	1.15	1.20
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	0.16	0.20
				13	12.77	12.95	0.25	0.30
				13	12.77	12.95	0.07	0.10
				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	–	0.40
				14	13.77	13.95	0.45	0.50
				14	13.77	13.95	–	2.40
				14	13.77	13.95	0.25	0.30
				14	13.77	13.95	0.07	0.10
				14	13.77	13.95	1.45	1.50
				14	13.77	13.95	0.95	1.00
				14	13.77	13.95	1.15	1.20
9	9	9.04	9.19	15	14.77	14.95	0.16	0.20
				15	14.77	14.95	0.95	1.00
				15	14.77	14.95	0.45	0.50
				15	14.77	14.95	0.07	0.10
				15	14.77	14.95	0.25	0.30
10	10	10.04	10.19	16	15.77	15.95	0.25	0.30
				16	15.77	15.95	0.45	0.50
				16	15.77	15.95	1.95	2.00
				16	15.77	15.95	0.07	0.10
				16	15.77	15.95	–	0.60
				16	15.77	15.95	0.95	1.00
				16	15.77	15.95	0.16	0.20
				16	15.77	15.95	1.15	1.20
11	11	11.05	11.23	17	16.77	16.95	0.45	0.50
				17	16.77	16.95	0.95	1.00
				17	16.77	16.95	1.15	1.20
				17	16.77	16.95	0.16	0.20
				17	16.77	16.95	0.25	0.30
12	12	12.05	12.23	17	16.77	16.95	0.07	0.10
				16	15.77	15.95	0.25	0.30
				18	17.77	17.95	0.95	1.00
				18	17.77	17.95	0.25	0.30
				18	17.77	17.95	1.15	1.20
				18	17.77	17.95	0.16	0.20
				18	17.77	17.95	0.07	0.10
				18	17.77	17.95	1.45	1.50
13	13	13.05	13.23	18	17.77	17.95	0.45	0.50
				24	23.72	23.94	0.45	0.50
				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	1.45	1.50
14	14	14.05	14.23	19	18.72	18.94	0.95	1.00
				19	18.72	18.94	0.07	0.10
				20	19.72	19.94	0.12	0.15
				20	19.72	19.94	0.95	1.00
				20	19.72	19.94	0.07	0.10
				20	19.72	19.94	1.45	1.50
				20	19.72	19.94	–	0.25
				20	19.72	19.94	0.25	0.30
14	14	14.05	14.23	20	19.72	19.94	0.45	0.50
				20	19.72	19.94	0.16	0.20
				24	23.72	23.94	0.95	1.00
				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		d ₂			h	
		min.	max.	nominal size	min.	max.	min.	max.
15	15	15.05	15.23	21	20.72	20.94	0.25	0.30
				21	20.72	20.94	1.95	2.00
				21	20.72	20.94	1.45	1.50
				21	20.72	20.94	0.07	0.10
				21	20.72	20.94	0.45	0.50
				21	20.72	20.94	0.95	1.00
				21	20.72	20.94	0.16	0.20
				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	0.16	0.20
				22	21.72	21.94	0.07	0.10
				22	21.72	21.94	–	0.25
				16	16	16.05	16.23	22
22	21.72	21.94	0.45					0.50
22	21.72	21.94	0.07					0.10
22	21.72	21.94	0.95					1.00
22	21.72	21.94	0.25					0.30
22	21.72	21.94	1.45					1.50
17	17	17.05	17.23	24	23.72	23.94	0.25	0.30
				24	23.72	23.94	0.95	1.00
				24	23.72	23.94	0.12	0.15
				24	23.72	23.94	0.16	0.20
				24	23.72	23.94	0.07	0.10
18	18	18.05	18.23	24	23.72	23.94	0.45	0.50
				25	24.72	24.94	0.16	0.20
				25	24.72	24.94	0.25	0.30
				25	24.72	24.94	1.45	1.50
				25	24.72	24.94	0.45	0.50
				25	24.72	24.94	–	0.25
				25	24.72	24.94	0.95	1.00
19	19	19.06	19.28	25	24.72	24.94	0.07	0.10
				26	25.72	25.94	0.16	0.20
				26	25.72	25.94	0.07	0.10
				26	25.72	25.94	0.12	0.15
				26	25.72	25.94	0.25	0.30
				26	25.72	25.94	0.95	1.00
				26	25.72	25.94	1.45	1.50
				26	25.72	25.94	0.45	0.50
20	20	20.06	20.28	26	25.72	25.94	0.07	0.10
				28	27.72	27.94	0.07	0.10
				28	27.72	27.94	1.45	1.50
				28	27.72	27.94	0.16	0.20
				28	27.72	27.94	1.95	2.00
				28	27.72	27.94	0.45	0.50
				28	27.72	27.94	1.25	1.30
				28	27.72	27.94	0.25	0.30
28	27.72	27.94	0.12	0.15				
28	27.72	27.94	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		d ₂			h	
		min.	max.	nominal size	min.	max.	min.	max.
22	22	22.06	22.28	30	29.72	29.94	0.07	0.10
				30	29.72	29.94	0.45	0.50
				30	29.72	29.94	0.95	1.00
				30	29.72	29.94	1.95	2.00
				30	29.72	29.94	0.16	0.20
				30	29.72	29.94	0.25	0.30
				30	29.72	29.94	1.45	1.50
				32	31.67	31.92	0.45	0.50
				32	31.67	31.92	0.16	0.20
				32	31.67	31.92	0.95	1.00
				32	31.67	31.92	0.07	0.10
				25	25	25.06	25.28	35
35	34.67	34.92	1.45					1.50
35	34.67	34.92	0.25					0.30
35	34.67	34.92	0.07					0.10
35	34.67	34.92	1.95					2.00
35	34.67	34.92	0.16					0.20
35	34.67	34.92	0.12					0.15
35	34.67	34.92	0.45					0.50
26	26	26.06	26.28	37	36.67	36.92	0.25	0.30
				37	36.67	36.92	0.45	0.50
				37	36.67	36.92	0.16	0.20
				37	36.67	36.92	0.07	0.10
				37	36.67	36.92	0.95	1.00
				37	36.67	36.92	1.45	1.50
				37	36.67	36.92	1.95	2.00
28	28	26.06	28.28	40	39.67	39.92	0.95	1.00
				40	39.67	39.92	0.45	0.50
				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	1.45	1.50
30	30	30.06	30.28	42	41.67	41.92	0.12	0.15
				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	0.07	0.10
				42	41.67	41.92	1.45	1.50
				42	41.67	41.92	1.95	2.00
				42	41.67	41.92	0.16	0.20
				42	41.67	41.92	0.45	0.50
32	32	32.08	32.33	45	44.67	44.92	1.95	2.00
				45	44.67	44.92	2.45	2.50
				45	44.67	44.92	0.45	0.50
				45	44.67	44.92	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.
35	35	35.08	35.33	45	44.67	44.92	0.16	0.20
				45	44.67	44.92	0.45	0.50
				45	44.67	44.92	0.07	0.10
				45	44.67	44.92	1.95	2.00
				45	44.67	44.92	0.95	1.00
				45	44.67	44.92	2.45	2.50
				45	44.67	44.92	1.45	1.50
				45	44.67	44.92	0.25	0.30
37	37	37.08	37.33	47	46.67	46.92	0.07	0.10
				47	46.67	46.92	0.25	0.30
				47	46.67	46.92	1.95	2.00
				47	46.67	46.92	0.45	0.50
				47	46.67	46.92	0.16	0.20
				47	46.67	46.92	1.45	1.50
				47	46.67	46.92	0.12	0.15
				47	46.67	46.92	2.45	2.50
40	40	40.08	40.33	50	49.67	49.92	0.25	0.30
				50	49.67	49.92	0.95	1.00
				50	49.67	49.92	0.12	0.15
				50	49.67	49.92	0.45	0.50
				50	49.67	49.92	0.16	0.20
				50	49.67	49.92	0.07	0.10
				50	49.67	49.92	1.95	2.00
				50	49.67	49.92	1.45	1.50
42	42	42.08	42.33	52	51.60	51.90	0.25	0.30
				52	51.60	51.90	0.45	0.50
				52	51.60	51.90	2.45	2.50
				52	51.60	51.90	0.16	0.20
				52	51.60	51.90	1.95	2.00
				52	51.60	51.90	0.95	1.00
				52	51.60	51.90	0.12	0.15
				52	51.60	51.90	0.07	0.10
45	45	45.08	45.33	55	54.60	54.90	1.95	2.00
				55	54.60	54.90	0.45	0.50
				55	54.60	54.90	0.95	1.00
				55	54.60	54.90	1.45	1.50
				55	54.60	54.90	0.25	0.30
				55	54.60	54.90	0.07	0.10
				55	54.60	54.90	0.16	0.20
				55	54.60	54.90	0.07	0.10
48	48	48.08	48.33	60	59.60	59.90	0.07	0.10
				60	59.60	59.90	0.95	1.00
				60	59.60	59.90	1.95	2.00
				60	59.60	59.90	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		nominal size	d ₂		h	
		min.	max.		min.	max.	min.	max.
50	50	50.08	50.33	62	61.60	61.90	0.12	0.15
				62	61.60	61.90	0.16	0.20
				62	61.60	61.90	0.45	0.50
				62	61.60	61.90	0.07	0.10
				62	61.60	61.90	1.45	1.50
				62	61.60	61.90	1.15	1.20
				62	61.60	61.90	0.25	0.30
				62	61.60	61.90	1.95	2.00
				62	61.60	61.90	0.95	1.00
55	55	55.10	55.40	68	67.60	67.90	0.16	0.20
				68	67.60	67.90	0.25	0.30
				68	67.60	67.90	2.94	3.00
				68	67.60	67.90	0.07	0.10
				68	67.60	67.90	0.95	1.00
56	56	56.10	56.40	70	69.60	69.90	0.16	0.20
				70	69.60	69.90	0.25	0.30
				70	69.60	69.90	1.95	2.00
				70	69.60	69.90	0.45	0.50
				72	71.60	71.90	0.95	1.00
60	60	60.10	60.40	72	71.60	71.90	0.07	0.10
				75	74.60	74.90	0.25	0.30
				75	74.60	74.90	0.07	0.10
				75	74.60	74.90	1.95	2.00
				75	74.60	74.90	0.45	0.50
63	63	63.10	63.40	75	74.60	74.90	0.16	0.20
				75	74.60	74.90	0.95	1.00
				80	79.60	79.90	0.95	1.00
65	65	65.10	65.40	80	79.60	79.90	0.45	0.50
				80	79.60	79.90	1.95	2.00
				85	84.53	84.88	1.45	1.50
70	70	70.10	70.40	85	84.53	84.88	3.42	3.50
				90	89.53	89.68	1.95	2.00
75	75	75.10	75.40	90	89.53	89.68	0.95	1.00
				95	94.53	94.88	1.95	2.00
80	80	80.10	80.40	95	94.53	94.88	3.42	3.50
				100	99.53	99.68	3.42	3.50
85	85	85.12	85.47	105	104.53	104.88	3.42	3.50
				110	109.53	109.88	3.42	3.50
100	100	100.12	100.47	110	109.53	109.88	1.95	2.00
				120	119.53	119.88	0.12	0.15
				120	119.53	119.88	3.42	3.50
				120	119.53	119.88	0.95	1.00
				120	119.53	119.88	0.45	0.50
				120	119.53	119.88	1.95	2.00
				120	119.53	119.88	0.07	0.10
				120	119.53	119.88	0.16	0.20
				120	119.53	119.88	0.25	0.30

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.
105	105	105.12	105.47	130	129.46	129.86	3.42	3.50
				130	129.46	129.86	0.45	0.50
				130	129.46	129.86	0.25	0.30
				130	129.46	129.86	0.16	0.20
				130	129.46	129.86	0.07	0.10
				130	129.46	129.86	0.12	0.15
110	110	110.12	110.47	140	139.46	139.86	0.45	0.50
				140	139.46	139.86	0.07	0.10
				140	139.46	139.86	0.95	1.00
				140	139.46	139.86	0.16	0.20
120	120	120.12	120.47	150	169.46	169.86	0.07	0.10
				150	169.46	169.86	0.16	0.20
				150	169.46	169.86	3.42	3.50
				150	169.46	169.86	0.45	0.50
				150	169.46	169.86	0.12	0.15
				150	169.46	169.86	0.25	0.30
130	130	130.14	130.54	160	159.46	159.86	0.45	0.50
				160	159.46	159.86	0.12	0.15
				160	159.46	159.86	0.25	0.30
				160	159.46	159.86	3.42	3.50
140	140	140.14	140.54	160	159.46	159.86	0.07	0.10
				170	169.46	169.86	0.45	0.50
150	150	150.14	150.54	180	179.46	179.86	0.45	0.50
				180	179.46	179.86	0.07	0.10
160	160	160.14	160.54	180	179.46	179.86	0.25	0.30
				190	189.37	189.83	3.42	3.50
170	170	170.14	170.54	200	199.37	199.83	0.95	1.00
				200	199.37	199.83	0.07	0.10
				200	199.37	199.83	3.42	3.50
				200	199.37	199.83	0.45	0.50

All technical data refer to the measure mm

