



**Hollinbrow Precision Products (UK) Ltd**  
 Units D3 & D4, Stafford Park 4, Telford, Shropshire, TF3 3BA  
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DIN 988 Material Stainless Steel

OD's and ID's for Shim Washers

max = nominal

Inside diameter			Outside diameter		
Nominal size	min.	max.	Nominal size	min.	max.
3	3.02	3.12	6	5.85	5.97
4	4.03	4.15	8	7.81	7.96
5	5.03	5.15	10	9.81	9.96
6	6.03	6.15	12	11.77	11.95
7	7.04	7.19	13	12.77	12.95
8	8.04	8.19	14	13.77	13.95
9	9.04	9.19	15	14.77	14.95
10	10.04	10.19	16	15.77	15.95
11	11.05	11.23	17	16.47	16.95
12	12.05	12.23	18	17.77	17.95
13	13.05	13.23	19	18.725	18.935
14	14.05	14.23	20	19.725	19.935
15	15.05	15.23	21	20.725	20.935
16	16.05	16.23	22	21.725	21.935
17	17.05	17.23	24	23.725	23.935
18.9	18.05	18.23	25	24.725	24.935
19	19.065	19.275	26	25.725	25.935
20	20.065	20.275	28	27.725	27.935
22	22.065	22.275	30	29.725	29.935
22	22.065	22.275	32	31.67	31.92
25	25.065	25.275	35	34.67	34.92
25	25.065	25.275	36	35.67	35.93



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Inside diameter			Outside diameter		
Nominal size	min.	max.	Nominal size	min.	max.
28	28.065	28.275	40	39.67	39.92
30	30.065	30.275	42	41.67	41.92
32	32.08	32.33	45	44.67	44.92
35	35.08	35.33	45	44.67	44.92
36	36.08	36.33	45	44.67	44.92
37	37.08	37.33	47	46.67	46.92
40	40.08	40.33	50	49.67	49.92
42	42.08	42.33	52	51.6	51.9
45	45.08	45.33	55	54.6	54.9
45	45.08	45.33	56	55.6	55.9
48	48.08	48.33	60	59.6	59.9
50	50.08	50.33	62	61.6	61.9
50	50.08	50.33	63	62.6	62.9
52	52.1	52.4	65	64.6	64.9
55	55.1	55.4	68	67.6	67.9
56	56.1	56.4	70	69.6	69.9
56	56.1	56.4	72	71.6	71.9
60	60.1	60.4	75	74.6	74.9
63	63.1	63.4	80	79.6	79.9
65	65.1	65.4	85	84.53	84.88
70	70.1	70.4	90	89.53	89.88
75	75.1	75.4	95	94.53	94.88
80	80.1	80.4	100	99.53	99.88
85	85.12	85.47	105	104.53	104.88
90	90.12	90.47	110	109.53	109.88
95	95.12	95.47	115	114.53	114.88



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Inside diameter			Outside diameter		
Nominal size	min.	max.	Nominal size	min.	max.
100	100.12	100.47	125	124.455	124.855
105	105.12	105.47	130	129.455	129.855
110	110.12	110.47	140	13.455	139.855
120	120.12	120.47	150	149.455	149.855
130	130.145	130.545	160	159.455	159.855
140	140.145	140.545	170	169.455	169.855
150	150.145	150.545	180	179.455	179.855
160	160.145	160.545	190	189.37	189.83
170	170.145	170.545	200	199.37	199.83

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