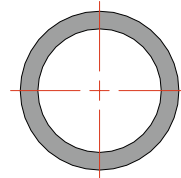
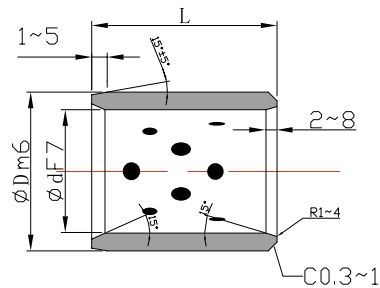


SPB 銅合金自潤襯套

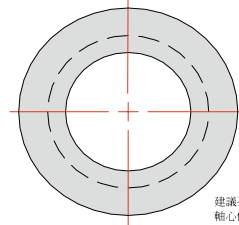
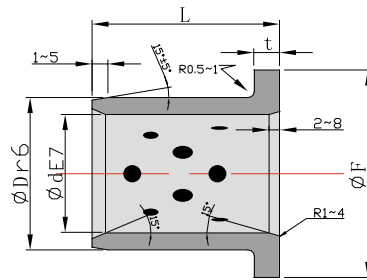


軸心使用建議
一般高荷重用: d8
一般輕荷重用: c7
高精度使用: d7

產品標示法: SPB- ϕ *D*L
(SPB-內徑*外徑*長度)

Ød		ØD		L ^{-0.1} _{-0.3}																			單位：mm									
				8	10	12	15	16	20	25	30	35	40	45	50	60	70	80	100	120	130	140	150									
8	+0.028 +0.018	12	+0.018 +0.007	✓	✓	✓	✓																									
10	+0.028 +0.018	14	+0.018 +0.007	✓	✓	✓	✓		✓																							
12	+0.034 +0.016	18	+0.018 +0.007		✓	✓	✓	✓	✓	✓	✓																					
13	+0.034 +0.016	19	+0.021 +0.008		✓		✓		✓																							
14	+0.028 +0.018	20	+0.021 +0.008		✓	✓	✓		✓	✓	✓																					
15	+0.028 +0.018	21	+0.021 +0.008		✓	✓	✓	✓	✓	✓	✓																					
16	+0.034 +0.016	22	+0.021 +0.008		✓	✓		✓	✓	✓	✓	✓	✓																			
18	+0.034 +0.016	24	+0.021 +0.008				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
20	+0.041 +0.020	28	+0.021 +0.008				✓	✓	✓	✓	✓	✓	✓	✓																		
20	+0.041 +0.020	30	+0.021 +0.008				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓														
25	+0.041 +0.020	33	+0.025 +0.009				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
25	+0.041 +0.020	35	+0.025 +0.009				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓														
30	+0.041 +0.020	38	+0.025 +0.009					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓														
30	+0.041 +0.020	40	+0.025 +0.009					✓	✓	✓	✓		✓																			
31.5	+0.050 +0.025	40	+0.025 +0.009					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓															
35	+0.050 +0.025	44	+0.025 +0.009							✓	✓	✓	✓	✓	✓	✓	✓															
35	+0.050 +0.025	45	+0.025 +0.009							✓	✓	✓	✓	✓	✓	✓	✓															
40	+0.050 +0.025	50	+0.025 +0.009					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												
40	+0.050 +0.025	55	+0.030 +0.011					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓															
45	+0.050 +0.025	55	+0.030 +0.011							✓	✓	✓	✓	✓	✓	✓	✓															
45	+0.050 +0.025	56	+0.030 +0.011							✓	✓	✓	✓	✓	✓	✓	✓															
45	+0.050 +0.025	60	+0.030 +0.011							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
50	+0.050 +0.025	60	+0.030 +0.011							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
50	+0.050 +0.025	62	+0.030 +0.011							✓	✓	✓	✓	✓	✓	✓	✓	✓														
50	+0.050 +0.025	65	+0.030 +0.011							✓		✓	✓	✓	✓	✓	✓	✓	✓	✓												
55	+0.060 +0.030	70	+0.030 +0.011									✓	✓	✓	✓	✓	✓	✓														
60	+0.060 +0.030	74	+0.030 +0.011							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
60	+0.060 +0.030	75	+0.030 +0.011							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												
63	+0.060 +0.030	76	+0.030 +0.011													✓	✓	✓														
65	+0.060 +0.030	80	+0.030 +0.011													✓	✓	✓	✓													
70	+0.060 +0.030	85	+0.035 +0.013								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												
70	+0.060 +0.030	90	+0.035 +0.013													✓	✓	✓	✓	✓												
75	+0.060 +0.030	90	+0.035 +0.013														✓	✓	✓	✓												
75	+0.060 +0.030	95	+0.035 +0.013														✓	✓	✓	✓												
80	+0.060 +0.030	96	+0.035 +0.013									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
80	+0.060 +0.030	100	+0.035 +0.013									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								✓			
90	+0.071 +0.026	110	+0.035 +0.013													✓		✓	✓	✓												
100	+0.071 +0.026	120	+0.035 +0.013														✓	✓	✓	✓	✓								✓			
110	+0.071 +0.026	130	+0.040 +0.015																✓	✓	✓	✓										
120	+0.071 +0.026	140	+0.040 +0.015																✓	✓	✓	✓							✓			
125	+0.083 +0.043	145	+0.040 +0.015																		✓	✓										
130	+0.083 +0.043	150	+0.040 +0.015																		✓						✓					
140	+0.083 +0.043	160	+0.040 +0.015																		✓								✓			
150	+0.083 +0.043	170	+0.040 +0.015																		✓									✓		
160	+0.083 +0.043	180	+0.040 +0.015																		✓									✓		

SPF 銅合金自潤凸緣襯套

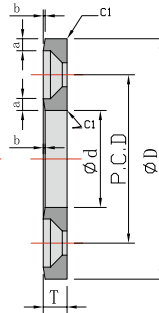
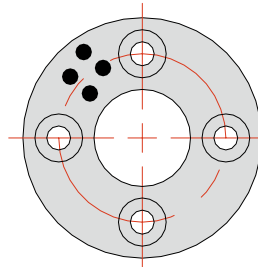


建議孔座:H7
軸心使用建議:
一般高荷重用:d8
一般輕荷重用:e7
高精度使用:f7

產品標示法:SPF-dxL
(SPF-內徑 x 凸緣長度)

Ød	ØD	ØF	t ^{-0 -0.1}	L ^{-0.1 -0.3} 單位: mm											
				10	15	20	25	30	35	40	50	60	70	80	100
10 ^{+0.040 +0.025}	14 ^{+0.034 +0.023}	22	2	1010	1015	1020									
12 ^{+0.050 +0.032}	18 ^{+0.034 +0.023}	25	3	1210	1215	1220	1225	1230							
13 ^{+0.050 +0.032}	19 ^{+0.041 +0.028}	26	3	1310	1315	1320									
14 ^{+0.050 +0.032}	20 ^{+0.041 +0.028}	27	3	1410	1415	1420	1425								
15 ^{+0.050 +0.032}	21 ^{+0.041 +0.028}	28	3	1510	1515	1520	1525	1530							
16 ^{+0.050 +0.032}	22 ^{+0.041 +0.028}	29	3		1615	1620	1625	1630	1635	1640					
20 ^{+0.061 +0.040}	30 ^{+0.041 +0.028}	40	5		2015	2020	2025	2030	2035	2040					
25 ^{+0.061 +0.040}	35 ^{+0.050 +0.034}	45	5		2515	2520	2525	2530		2540	2550	2560			
30 ^{+0.061 +0.040}	40 ^{+0.050 +0.034}	50	5		3015	3020	3025	3030	3035	3040	3050				
31.5 ^{+0.075 +0.050}	40 ^{+0.050 +0.034}	50	5			3120		3130	3135						
35 ^{+0.075 +0.050}	45 ^{+0.050 +0.034}	60	5			3520	3525	3530	3535	3540	3550				
40 ^{+0.075 +0.050}	50 ^{+0.050 +0.034}	65	5			4020	4025	4030	4035	4040	4050	4060			
45 ^{+0.075 +0.050}	55 ^{+0.060 +0.041}	70	5					4530		4540	4550	4560			
50 ^{+0.075 +0.050}	60 ^{+0.060 +0.041}	75	5					5030		5040	5050	5060			
55 ^{+0.090 +0.060}	65 ^{+0.060 +0.041}	80	5							5540		5560			
60 ^{+0.090 +0.060}	75 ^{+0.062 +0.043}	90	7.5							6040	6050	6060	6070	6080	
65 ^{+0.090 +0.060}	80 ^{+0.062 +0.043}	95	7.5							6540		6560		6580	
70 ^{+0.090 +0.060}	85 ^{+0.073 +0.051}	105	7.5								7050			7080	
75 ^{+0.090 +0.060}	90 ^{+0.073 +0.051}	110	7.5									7560		7580	
80 ^{+0.090 +0.060}	100 ^{+0.073 +0.051}	120	10							8040	8050	8060		8080	80100
90 ^{+0.107 +0.072}	110 ^{+0.076 +0.054}	130	10							9040	9050	9060		9080	90100
100 ^{+0.107 +0.072}	120 ^{+0.076 +0.054}	150	10									10060		10080	100100
120 ^{+0.107 +0.072}	140 ^{+0.088 +0.063}	170	10									12060		12080	120100

SPW 銅合金止推墊片自潤軸承



SPW WASHER STANDARD

產品標示法:SPW-dxT
(SPW-內徑*厚度)

尺寸 (mm)			裝配孔			倒角	
內徑 Ød	外徑 ØD	T ^{-0 -0.1}	P.C.D.W 使用埋頭螺栓			a	b
10.2	30	-1003	20	2	M3	2	0.3
12.2	40	-1203	28	2	M3	2	0.4
12.2	40	-1203N	無埋頭螺栓孔			2	0.4
13.2	40	-1303	28	2	M3	2	0.4
14.2	40	-1403	28	2	M3	2	0.4
15.2	50	-1503	35	2	M3	2	0.4
16.2	50	-1603	35	2	M3	2	0.4
16.2	50	-1603N	無埋頭螺栓孔			2	0.4
18.2	50	-1803	35	2	M3	2	0.4
20.2	50	-2005	35	2	M5	2.5	0.4
25.2	55	-2505	40	2	M5	2.5	0.4
30.2	60	-3005	45	2	M5	2.5	0.4
35.2	70	-3505	50	2	M5	2.5	0.4
40.2	80	-4007	60	2	M6	3	0.5
45.2	90	-4507	70	2	M6	3	0.5
50.3	100	-5008	75	4	M6	4	0.6
55.3	110	-5508	85	4	M6	4	0.6
60.3	120	-6008	90	4	M8	5	0.8
65.3	125	-6508	95	4	M8	5	0.8
70.3	130	-7010	100	4	M8	5	0.8
75.3	140	-7510	110	4	M8	5	0.8
80.3	150	-8010	120	4	M8	5	0.8
90.5	170	-9010	140	4	M10	5	0.8
100.5	190	-10010	160	4	M10	5	0.8
120.5	200	-12010	175	4	M10	5	0.8