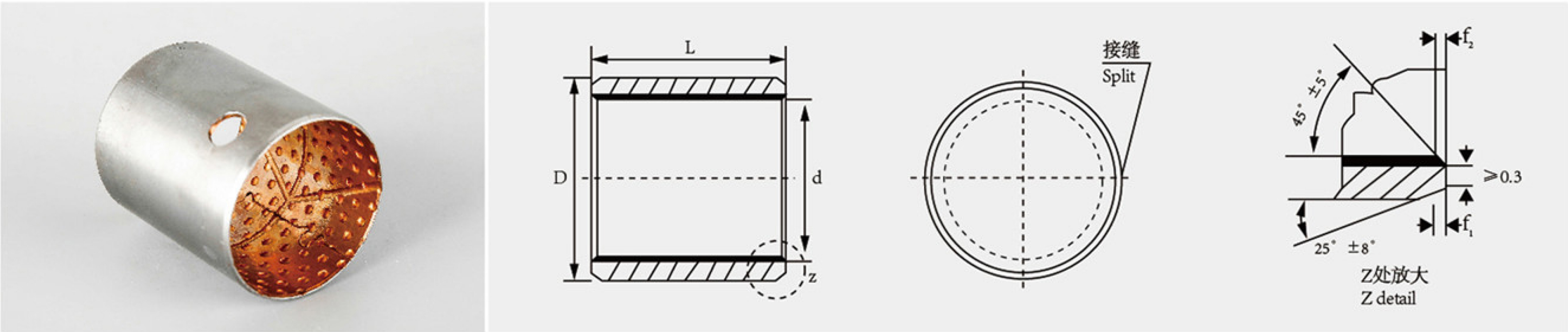
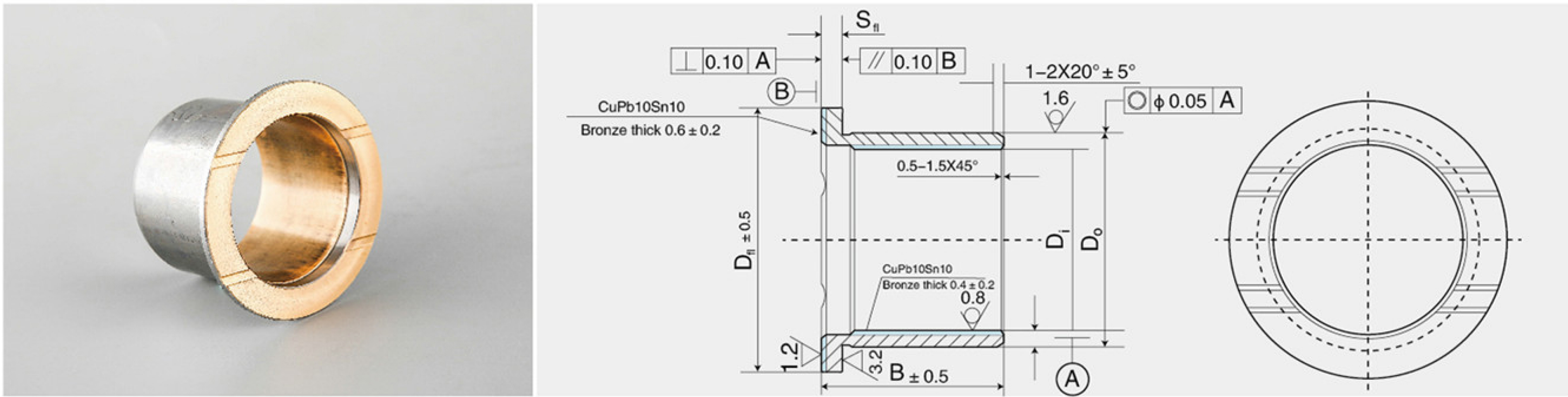




单位 Unit:mm

d	D	壁厚 Wall Thickness	外径 O.D.	内径 I.D.	座孔 Housing Bore	轴径 Journal Diameter	f ₁	f ₂	L ⁰ _{-0.40}										
									10	15	20	25	30	40	50	60	80	90	100
10	12	1 _{-0.025}	12 ^{+0.065} _{+0.030}	10 ^{+0.022} _{+0.000}	12 ^{+0.018}	10 ^{-0.013} _{-0.028}	0.5	0.3	▲	▲	▲								
12	14		14 ^{+0.065} _{+0.030}	12 ^{+0.027} _{+0.000}	14 ^{+0.018}	12 ^{-0.016} _{-0.034}	0.5	0.3	▲	▲	▲								
14	16		16 ^{+0.065} _{+0.030}	14 ^{+0.027} _{+0.000}	16 ^{+0.018}	14 ^{-0.016} _{-0.034}	0.5	0.3	▲	▲	▲								
15	17		17 ^{+0.065} _{+0.030}	15 ^{+0.027} _{+0.000}	17 ^{+0.018}	15 ^{-0.016} _{-0.034}	0.5	0.3	▲	▲	▲								
16	18		18 ^{+0.075} _{+0.035}	16 ^{+0.027} _{+0.000}	18 ^{+0.018}	16 ^{-0.016} _{-0.034}	0.8	0.4	▲	▲	▲								
18	20		20 ^{+0.075} _{+0.035}	18 ^{+0.033} _{+0.000}	20 ^{+0.021}	18 ^{-0.016} _{-0.034}	0.8	0.4	▲	▲	▲	▲							
20	23	1.5 _{-0.03}	23 ^{+0.075} _{+0.035}	20 ^{+0.033} _{+0.000}	23 ^{+0.021}	20 ^{-0.020} _{-0.041}	0.8	0.4	▲	▲	▲	▲							
22	25		25 ^{+0.075} _{+0.035}	22 ^{+0.033} _{+0.000}	25 ^{+0.021}	22 ^{-0.020} _{-0.041}	0.8	0.4	▲	▲	▲	▲							
24	27		27 ^{+0.075} _{+0.035}	24 ^{+0.033} _{+0.000}	27 ^{+0.021}	24 ^{-0.020} _{-0.041}	1.0	0.5	▲	▲	▲	▲	▲						
25	28		28 ^{+0.075} _{+0.035}	25 ^{+0.033} _{+0.000}	28 ^{+0.021}	25 ^{-0.020} _{-0.041}	1.0	0.5		▲	▲	▲	▲						
26	30	2 _{-0.035}	30 ^{+0.075} _{+0.035}	26 ^{+0.033} _{+0.000}	30 ^{+0.021}	26 ^{-0.020} _{-0.041}	1.0	0.5		▲	▲	▲	▲						
28	32		32 ^{+0.085} _{+0.045}	28 ^{+0.033} _{+0.000}	32 ^{+0.025}	28 ^{-0.020} _{-0.041}	1.0	0.5		▲	▲	▲	▲	▲					
30	34		34 ^{+0.085} _{+0.045}	30 ^{+0.039} _{+0.000}	34 ^{+0.025}	30 ^{-0.020} _{-0.041}	1.2	0.6		▲	▲	▲	▲	▲					
32	36		36 ^{+0.085} _{+0.045}	32 ^{+0.039} _{+0.000}	36 ^{+0.025}	32 ^{-0.025} _{-0.050}	1.2	0.6		▲	▲	▲	▲	▲					
35	39		39 ^{+0.085} _{+0.045}	35 ^{+0.039} _{+0.000}	39 ^{+0.025}	35 ^{-0.025} _{-0.050}	1.2	0.6			▲	▲	▲	▲	▲				
38	42		42 ^{+0.085} _{+0.045}	38 ^{+0.039} _{+0.000}	42 ^{+0.025}	38 ^{-0.025} _{-0.050}	1.2	0.6			▲	▲	▲	▲	▲				
40	44	2.5 _{-0.040}	44 ^{+0.085} _{+0.045}	40 ^{+0.039} _{+0.000}	44 ^{+0.025}	40 ^{-0.025} _{-0.050}	1.2	0.6			▲	▲	▲	▲	▲				
45	50		50 ^{+0.085} _{+0.045}	45 ^{+0.039} _{+0.000}	50 ^{+0.025}	45 ^{-0.025} _{-0.050}	1.5	1.0			▲	▲	▲	▲	▲				
50	55		55 ^{+0.100} _{+0.055}	50 ^{+0.039} _{+0.000}	55 ^{+0.030}	50 ^{-0.030} _{-0.060}	1.5	1.0					▲	▲	▲	▲			
55	60		60 ^{+0.100} _{+0.055}	55 ^{+0.046} _{+0.000}	60 ^{+0.030}	55 ^{-0.030} _{-0.060}	1.5	1.0					▲	▲	▲	▲			
60	65		65 ^{+0.100} _{+0.055}	60 ^{+0.046} _{+0.000}	65 ^{+0.030}	60 ^{-0.030} _{-0.060}	1.5	1.0					▲	▲	▲	▲			
65	70		70 ^{+0.100} _{+0.055}	65 ^{+0.046} _{+0.000}	70 ^{+0.030}	65 ^{-0.030} _{-0.060}	1.5	1.0					▲	▲	▲	▲			
70	75		75 ^{+0.100} _{+0.055}	70 ^{+0.046} _{+0.000}	75 ^{+0.030}	70 ^{-0.030} _{-0.060}	1.5	1.0					▲	▲	▲	▲	▲		
75	80		80 ^{+0.100} _{+0.055}	75 ^{+0.046} _{+0.000}	80 ^{+0.035}	75 ^{-0.030} _{-0.060}	1.5	1.0					▲	▲	▲	▲			
80	85	3 _{-0.045}	85 ^{+0.120} _{+0.070}	80 ^{+0.054} _{+0.000}	85 ^{+0.035}	80 ^{-0.030} _{-0.060}	1.5	1.0						▲	▲	▲	▲		
84	90		90 ^{+0.120} _{+0.070}	84 ^{+0.054} _{+0.000}	90 ^{+0.035}	84 ^{-0.036} _{-0.071}	1.8	1.2						▲	▲	▲	▲		
89	95		95 ^{+0.120} _{+0.070}	89 ^{+0.054} _{+0.000}	95 ^{+0.035}	89 ^{-0.036} _{-0.071}	1.8	1.2						▲	▲	▲	▲	▲	



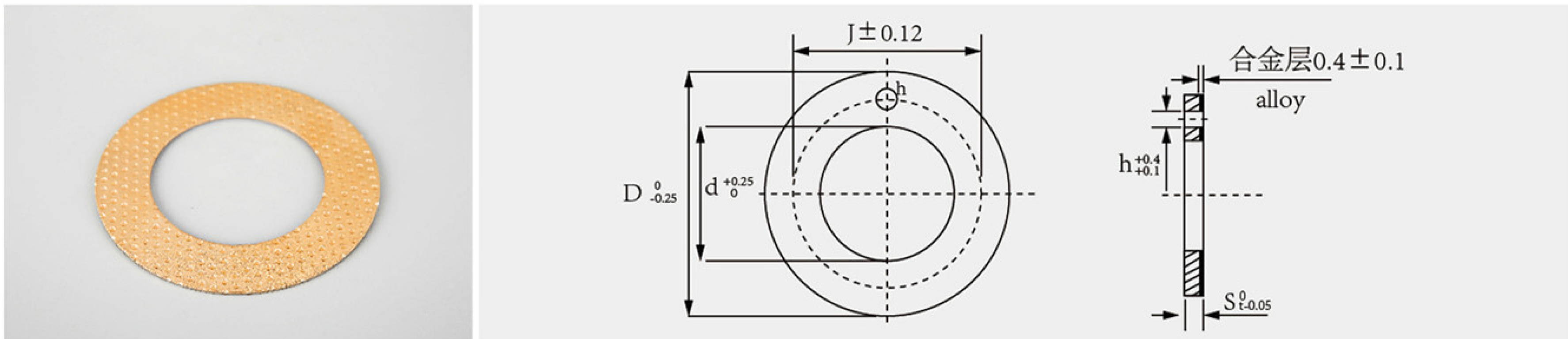
单位 Unit:mm

D _{fl} ± 0.5	S ₃ ± 0.05	D _o		D ₁	S _{fl}		B _{±0.5}	D _{fl} ± 0.5	S ₃ ± 0.05	D _o		D ₁	S _{fl}		B _{±0.5}		
44	3.5	36	-0.15 -0.10	30	3	-0.15 -0.10	40	88	4.5	68	+0.15 +0.10	60	4	-0.07 -0.12	60		
45	4					-0.03 -0.08	30	87	4.5	69	+0.19 +0.14	65	2	-0.03 -0.08	64.5		
60	3.5	41	-0.13 -0.08	35		-0.09 -0.15	42	103	4.52	70.7	+0.09 -0.04	63.7	3.5	0 -0.05	65		
52	4				0 -0.05	35	103	4.52	63.3			3.7	+0.01 -0.04	73			
54	3.5	42	-0.10 -0.05			3.5	-0.02 -0.07	30	86.4	4.5		+0.15 +0.09			-0.08 -0.13	64.5	
60	4.52	44	-0.14 -0.09	40	2		39.5	95	4.52		+0.27 +0.21	65	3.5		-0.045 -0.095	71.5	
53	4.5						40	95	3.5		+0.09 +0.03				-0.015 -0.065	64	
60	4						-0.03 -0.08	39.5	108	3.5				-0.03 -0.08	75		
66	4	45			2.4		40	87	4.5		+0.11 +0.06			+0.01 -0.04	53		
60	4.5	46	-0.12 -0.07		3		39.5	95	4.52		+0.27 +0.21			-0.045 -0.095	67.5		
61	4						0 -0.05	40	99	4.5	74	+0.19 +0.14		2	-0.03 -0.08	74	
62	4	47	-0.13 -0.07			3.5	-0.08 -0.13	49	112	4.6		+0.27 +0.21	70	3.5		89.5	
70	4.5	54	-0.19 -0.14		50	2	-0.03 -0.08	53	95	4.5	77	+0.14 +0.09					-0.04 -0.10
68	4.52	54.9	-0.045 -0.005	48	3.5	-0.045 -0.095	41.3	112	4.52		+0.27 +0.21					-0.005 -0.055	89.7
70	3.5	56	-0.16 -0.11	50	3	-0.09 -0.14	48	93	6	78	+0.15 +0.09		4	-0.09 -0.14	71		
76	3.5	57	-0.10 -0.05		3.5	+0.01 -0.04	54	93	8	80	+0.16 +0.10		5	-0.075 -0.125	70		
70.5	8	58	-0.14 -0.09		4	-0.11 -0.16	46	107	4.5	83			4	-0.07 -0.13	74		
92	4.52	60.6	-0.03 -0.02	54.4	3.1	+0.02 -0.03	59	97	10	85	+0.17 +0.12	75	5	-0.10 -0.16	79.5		
87	4.5	67	-0.15 -0.10	60	3.5	-0.06 -0.11	60	97	5		+0.155 +0.095						
77	4.5						-0.08 -0.13	65	120	3.8	92.6	+0.16 +0.09	85	3.8	+0.06 0	93	
88	8	68				4	-0.075 -0.125	58	120	6	93			4	-0.11 -0.17	94	

The above mentioned sizes are only for reference ,HZ can produce the produce the parts according to the customers drawings.
以上尺寸仅供参考 / 华正可根据客户图纸生产零部件

垫片标准产品

standard washer



单位 Unit:mm

$\Phi d \begin{smallmatrix} +0.25 \\ 0 \end{smallmatrix}$	$\Phi D \begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	$S_t \begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	$\Phi J \pm 0.12$	$\Phi h \begin{smallmatrix} +0.4 \\ +0.1 \end{smallmatrix}$
12	24	1.5	18	1.5
14	26		20	2
16	30		22	
18	32		25	
20	36		28	
22	38		30	3
24	42		33	
26	44		35	
28	48		38	
32	54		43	4
38	62	2	50	
42	66		54	
48	74		61	
52	78		65	

润滑油孔

The Designing of Oil Indentation

为使轴承得到充分的润滑，一般在设计轴承时需要考虑润滑油孔，油孔尺寸推荐按下表。

In order to fully lubricate the bush when in the performance,the size of Inbrication hole as follows are recommended.

油孔的位置应避开接缝处和承载区域，并应有利于进油。

The lubrication hole should be away from butt joint and loading aera and designed to be easy oil feeding as well.

轴承外径 O.D.	14 ~ 22	22 ~ 40	40 ~ 50	50 ~ 100	100 ~ 180
油孔直径 (mm) Lubrication hole	3	4	5	6	7

壁厚尺寸

Thickness of TY Bearing

公称厚度 Nomimal Thickness of	1	1.5	2	2.5	3	3.5	4	5
钢背厚度 Thickness of Steel Baking	0.6	1	1.4	1.9	2.3	2.8	3.2	4
铜合金层厚度 Thickness of Bronze layer	0.4	0.5	0.6	0.6	0.7	0.7	0.8	1.0
留加工余量轴承推荐壁厚 Manufacturable wall Thickness	$1 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$	$1.5 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$	$2 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$	$2.5 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$	$3 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$	$3.5 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$	$4 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$	$5 \begin{smallmatrix} +0.25 \\ +0.15 \end{smallmatrix}$
直接装配轴承推荐壁厚 Manufactured wall Thickness	$1 \begin{smallmatrix} -0.25 \end{smallmatrix}$	$1.5 \begin{smallmatrix} -0.03 \end{smallmatrix}$	$2 \begin{smallmatrix} -0.035 \end{smallmatrix}$	$2.5 \begin{smallmatrix} -0.04 \end{smallmatrix}$	$3 \begin{smallmatrix} -0.04 \end{smallmatrix}$	$3.5 \begin{smallmatrix} -0.05 \end{smallmatrix}$	$4 \begin{smallmatrix} -0.055 \end{smallmatrix}$	$5 \begin{smallmatrix} -0.06 \end{smallmatrix}$