



尺寸：毫米
All dimensions in mm

尺寸和公差参照ISO 3547
Dimensions and Tolerances according to ISO 3547

内外倒角尺寸表
Inside & Outside Chamfers

壁厚 Wall thickness S	内倒角 Inside Chamfer C _i	外倒角 Outside Chamfer C _e
1.00	0.30 ± 0.20	0.60 ± 0.40
1.50	0.40 ± 0.30	0.60 ± 0.40
2.00	0.40 ± 0.30	1.20 ± 0.40
2.50	0.60 ± 0.40	1.80 ± 0.60

直套型号标注方式
Bushing Symbol

直套型号标注方式 Bushing Symbol	E9 - □	× ×	× ×
直套型号 Bushing Type			
直套内径 Bushing I. D.			
直套高度 Bushing Length			

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft-Φ d _s	装配后内孔尺寸 Φ d _i (H9)	外径 D	装配座孔 Housing-Φ D _h	理论外径公差 O.D. Φ D _t	ID < 80 L ± 0.25 ID > 80 L ± 0.50
10	9.984 9.957	10.043 10.000	12	12.018 12.000	+0.065 +0.030	10
						15
						20
12	11.984 11.957	12.043 12.000	14	14.018 14.000		10
						15
						20
14	13.984 13.957	14.043 14.000	16	16.018 16.000		10
						15
						20
15	14.984 14.957	15.043 15.000	17	17.018 17.000		10
					15	
					20	
16	15.984 15.957	16.043 16.000	18	18.018 18.000	10	
					15	
					20	
						25

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_i (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
18	17.984 17.957	18.043 18.000	20	20.018 20.000	+0.065 +0.030	10
						15
						20
						25
20	19.980 19.947	20.052 20.000	23	23.021 23.000		10
						15
						20
						25
22	21.980 21.947	22.052 22.000	25	25.021 25.000		10
						15
						20
						25
						30
24	23.980 23.947	24.052 24.000	27	27.021 27.000		15
						20
						25
						30
25	24.980 24.947	25.052 25.000	28	28.021 28.000	+0.075 +0.035	15
						20
						25
						30
28	27.980 27.947	28.052 28.000	32	32.021 32.000		15
						20
						25
						30
30	29.980 29.947	30.052 30.000	34	34.021 34.000		15
						20
						25
						30
						35
32	31.975 31.936	32.062 32.000	36	36.025 36.000	+0.085 +0.045	15
						20
						25
						30

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_i (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
32	31.975 31.936	32.062 32.000	36	36.025 36.000	+0.085 +0.045	35
						40
						50
35	34.975 34.936	35.062 35.000	39	39.025 39.000		15
						20
						25
						30
						35
						40
40	39.975 39.936	40.062 40.000	44	44.025 44.000		20
						25
						30
						35
						40
45	44.975 44.936	45.062 45.000	50	50.025 50.000		50
						20
						25
						30
						35
						40
50	49.975 49.936	50.062 50.000	55	55.025 55.000		50
						20
						25
						30
						35
						40
55	54.970 54.924	55.074 55.000	60	60.030 60.000		+0.100 +0.055
						20
						25
						30
						35
						40
					50	
60						

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_i (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
60	59.970 59.924	60.074 60.000	65	65.030 65.000		25
						30
						35
						40
						50
						60
						70
65	64.970 64.924	65.074 65.000	70	70.030 70.000		30
						35
						40
						50
						60
						70
						80
70	69.970 69.924	70.074 70.000	75	75.030 75.000	+0.100 +0.055	30
						35
						40
						50
						60
						70
						80
75	74.970 74.924	75.074 75.000	80	80.030 80.000		30
						35
						40
						50
						60
						70
						80
80	79.970 79.924	80.074 80.000	85	85.030 85.000		30
						35
						40
						50
						60
						70
						80

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_i (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
85	84.964 84.910	85.087 85.000	90	90.035 90.000		30
						35
						40
						50
						60
						70
						80
						90
90	89.964 89.910	90.087 90.000	95	95.035 95.000		30
						35
						40
						50
						60
						70
						80
						90
95	94.964 94.910	95.087 95.000	100	100.035 100.000	+0.120 +0.070	40
						50
						60
						70
						80
						90
						100
100	99.964 99.910	100.087 100.000	105	105.035 105.000		50
						60
						70
						80
						90
						100
105	104.964 104.910	105.087 105.000	110	110.035 110.000		50
						60
						70
						80
						90
						100

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_i (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
110	109.964 109.910	110.087 110.000	115	115.035 115.000	+0.120 +0.070	50
						60
						70
						80
						90
100						
115	114.964 114.910	115.087 115.000	120	120.035 120.000		50
						60
						70
						80
					90	
120	119.964 119.910	120.087 120.000	125	125.035 125.000	100	
					60	
					70	
					80	
					90	
125	124.957 124.894	125.100 125.000	130	130.040 130.000	100	
					60	
					70	
					80	
					90	
130	129.957 129.894	130.100 130.000	135	135.040 135.000	+0.170 +0.100	
					60	
					70	
					80	
					90	
135	134.957 134.894	135.100 135.000	140	140.040 140.000	100	
					60	
					70	
					80	
					90	
140	139.957 139.894	140.100 140.000	145	145.040 145.000	100	
					60	
					70	
					80	

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_i (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
140	139.957 139.894	140.100 140.000	145	145.040 145.000	+0.170 +0.100	90
						95
						100
145	144.957 144.894	145.100 145.000	150	150.040 150.000		60
						70
						80
						90
150	149.957 149.894	150.100 150.000	155	155.040 155.000		100
						60
						70
						80
155	154.957 154.894	155.100 155.000	160	160.040 160.000		90
						100
						60
						70
160	159.957 159.894	160.100 160.000	165	165.040 165.000		80
						90
						100
						60
165	164.957 164.894	165.100 165.000	170	170.040 170.000		70
						80
						90
						100
170	169.957 169.894	170.100 170.000	175	175.040 175.000		60
						70
						80
						90
175	174.957 174.894	175.100 175.000	180	180.040 180.000		100
						60
						70

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_i (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
175	174.957 174.894	175.100 175.000	180	180.040 180.000		80
						85
						90
						100
180	179.957 179.894	180.100 180.000	185	185.040 185.000	+0.170 +0.100	60
						70
						80
						90
185	184.950 184.878	185.115 185.000	190	190.046 190.000		100
						60
						65
						70
185	184.950 184.878	185.115 185.000	190	190.046 190.000		80
						90
						100
						60
190	189.950 189.878	190.115 190.000	195	195.046 195.000		70
						80
						90
						100
195	194.950 194.878	195.115 195.000	200	200.046 200.000	+0.210 +0.130	60
						70
						80
						90
200	199.950 199.878	200.115 200.000	205	205.046 205.000		100
						60
						70
						80
205	204.950 204.878	205.115 205.000	210	210.046 210.000		90
						100
						60
						70
205	204.950 204.878	205.115 205.000	210	210.046 210.000		80
						90
						100
						60

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 $\Phi d_l(H9)$	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
215	214.950 214.878	215.115 215.000	220	220.046 220.000		60
						70
						80
						90
						100
225	224.950 224.878	225.115 225.000	230	230.046 230.000		60
						70
						80
						90
						100
230	229.950 229.878	230.115 230.000	235	235.046 235.000	+0.210 +0.130	60
						70
						80
						90
						100
240	239.950 239.878	240.115 240.000	245	245.046 245.000		60
						70
						80
						90
						100
250	249.950 249.878	250.115 250.000	255	255.046 255.000		60
						70
						80
						90
						100
260	259.944 259.863	260.130 260.000	265	265.052 265.000		60
						70
						80
						90
						100
270	269.944 269.863	270.130 270.000	275	275.052 275.000	+0.260 +0.170	60
						70
						80
						90
						100

内径 Internal Diameter			外径 External Diameter			高度 Length
内径 d	装配轴径 Shaft- Φd_s	装配后内孔尺寸 Φd_l (H9)	外径 D	装配座孔 Housing- ΦD_H	理论外径公差 O.D. ΦD_t	ID<80 L \pm 0.25 ID>80 L \pm 0.50
280	279.944 279.863	280.130 280.000	285	285.052 285.000		60
						70
						80
						90
						100
290	289.944 289.863	290.130 290.000	295	295.052 295.000	+0.260 +0.170	60
						70
						80
						90
						100
300	299.944 289.863	300.130 300.000	305	305.052 305.000		60
						70
						80
						90
						100