

TBR...S

2A - 1000L

轴径 Shaft Diameter

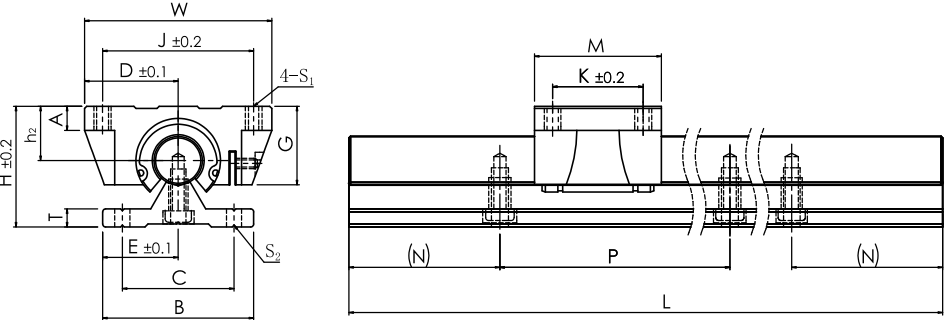
TBR 支撑导轨单元
TBR Support Rail Units

每条导轨上箱式单元数量
Number of the Units On One Support Rail Units

支撑轨长度 * Rail Length

* 指支撑轨与轴组合件长度，标准值及主要尺寸见TBS系列表。用户订货时需要提供图纸。
The main length of rails and slide units can be searched on the form of TBS series.

** 箱式单元型号 Units Designation



型号 Model	所用 箱式单元** The slide units used**	轴径 Shaft diameter mm	额定负荷 Basic load rating		重量 Weight (g)		尺寸 Dimensions (mm)			
			动负荷 Dynamic C N	静负荷 Static Co N	箱式单元 Slide units (g)	导轨 Rails (g/m)	D	h ₂	H	E
TBR16SA	TBR16UU	16	392	490	180	2,450	31	18	40	25
TBR20SA	TBR20UU	20	784	1,176	300	3,600	34	21	50	27.5
TBR25SA	TBR25UU	25	1,568	2,352	600	5,600	41	28	60	32.5
TBR30SA	TBR30UU	30	1,764	2,940	900	8,000	45.5	33.5	70	37.5

型号 Model	尺寸 Dimensions (mm)												
	W	G	A	B	T	M	S ₁	J	K	S ₂	C	N	P
TBR16SA	62	26	8	50	6	42	M5	50	30	φ5.5	37	20	150
TBR20SA	68	31	10	55	8	51	M6	54	37	φ5.5	40	20	150
TBR25SA	82	41	12	65	10	65	M8	65	50	φ6.6	45	25	200
TBR30SA	91	48	12	75	12	75	M8	75	60	φ6.6	55	25	200

轴支座
Shaft Support

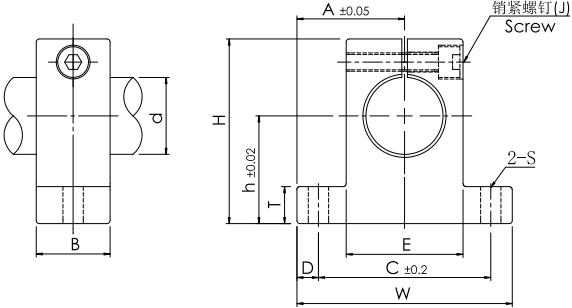
SH ...

MYT轴支座 Shaft Support

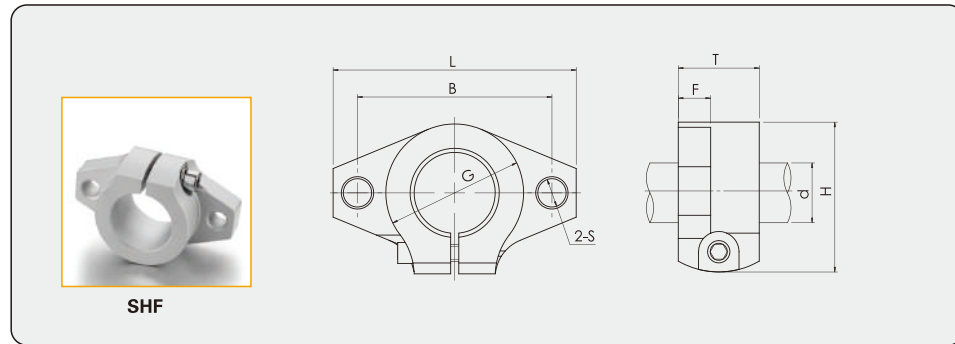
轴径 Shaft Diameter



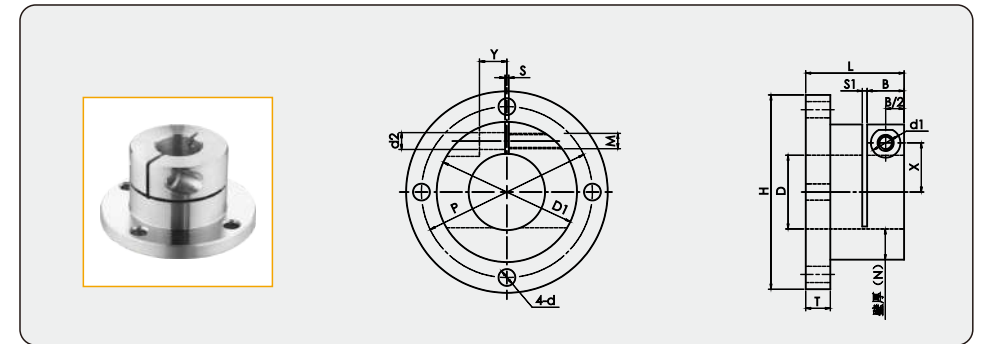
SH



型号 Model	轴径 Shaft diameter mm	尺寸 Dimensions (mm)											重量 Weight (g)
		h	A	W	H	T	E	D	C	B	S	J	
SH6	φ6	20	21	42	32.8	6	18	5	32	14	φ5.5	M4	24
SH8	φ8	20	21	42	32.8	6	18	5	32	14	φ5.5	M4	24
SH10	φ10	20	21	42	32.8	6	18	5	32	14	φ5.5	M4	24
SH12	φ12	23	21	42	37.5	6	20	5	32	14	φ5.5	M4	30
SH13	φ13	23	21	42	37.5	6	20	5	32	14	φ5.5	M4	30
SH16	φ16	27	24	48	44	8	25	5	38	16	φ5.5	M4	40
SH20	φ20	31	30	60	51	10	30	7.5	45	20	φ6.6	M5	70
SH25	φ25	35	35	70	60	12	38	7	56	24	φ6.6	M6	130
SH30	φ30	42	42	84	70	12	44	10	64	28	φ9	M6	180
SH35	φ35	50	49	98	82	15	50	12	74	32	φ11	M8	270
SH40	φ40	60	57	114	96	15	60	12	90	36	φ11	M8	420
SH50	φ50	70	63	126	120	18	74	13	100	40	φ14	M12	750
SH60	φ60	80	74	148	136	18	90	14	120	45	φ14	M12	1,100



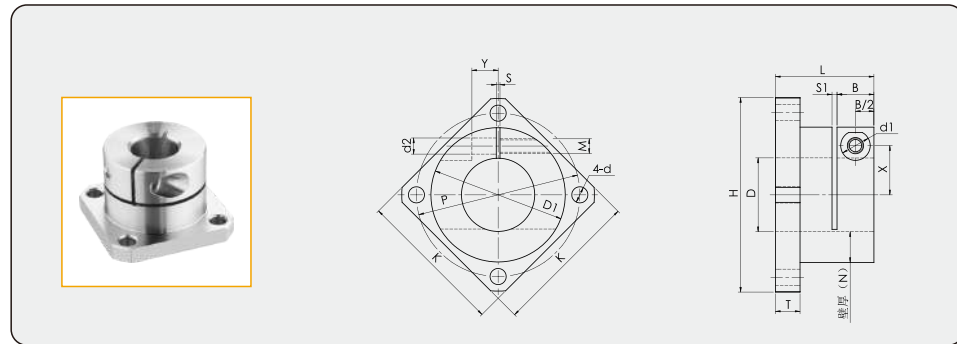
型号 Model	轴径 Shaft diameter mm	尺寸 Dimensions (mm)							安装螺栓型号 Mounting bolt designation	夹紧螺栓型号 Clamping bolt designation	重量 Weight (g)
		L	T	F	B	G	H	S			
SHF6	φ6	43	10	5	32	20	24	5.5	M5	M4	13
SHF8	φ8	43	10	5	32	20	24	5.5	M5	M4	13
SHF10	φ10	43	10	5	32	20	24	5.5	M5	M4	13
SHF12	φ12	47	13	7	36	25	28	5.5	M5	M4	20
SHF13	φ13	47	13	7	36	25	28	5.5	M5	M4	20
SHF16	φ16	50	16	8	40	28	31	5.5	M5	M4	27
SHF20	φ20	60	20	8	48	34	37	7	M6	M5	40
SHF25	φ25	70	25	10	56	40	42	7	M6	M5	60
SHF30	φ30	80	30	12	64	46	50	9	M8	M6	110
SHF35	φ35	92	35	14	72	50	58	12	M10	M8	380
SHF40	φ40	102	40	16	80	56	67	12	M10	M10	510
SHF50	φ50	122	50	19	96	70	83	14	M12	M12	890
SHF60	φ60	140	60	23	112	82	95	14	M12	M12	1,500



型号 Part Number		L	D1	H	T	固定部壁厚 (N) Sleeve Thickness	B	S1
代号 Type	公差(H7) Tolerance							
GBF...H	8	+0.015	18	25	39	5	8.5	10
	10	0	20	30	49	5	10	10
	12		22	32	52	6	10	10
	13	+0.018	24	32	52	6	9.5	12
	15	0	27	35	56	6	10	12
	16		30	35	56	6	9.5	12
	20		32	40	64	8	10	12
	25	+0.021	38	45	69	8	10	15
	30	0	40	55	79	10	12.5	15
	35		48	60	94	10	12.5	15
SGBF...	40	+0.025	55	70	104	12	15	18
	50	0	65	85	119	12	17.5	22

型号 Part Number		X	P	S	Y	d1	d2	d	M	附属螺栓M*长度 Included Screw M x Length
代号 Type	公差(H7) Tolerance									
GBF...H	8	+0.015	7.5	32	3.5	7.5	4.6	3.5	M4	M4*10
	10	0	10	40	3					M5*10
	12		11	42	4			4.5		
	13	+0.018	11	42	4					
	15	0	12	46	5	9	5.6	5.5	M5	M5*12
	16		12	46	5					
	20		14	52	6					
	25	+0.021	17	57	6			6.6		M5*16
	30	0	20	67	10					
	35		23	77	12	12	6.6		M6	M6*20
SGBF...	40	+0.025	26	87	13	14	9	9	M8	M8*26
	50	0	32	102	16	18	11		M10	M10*30

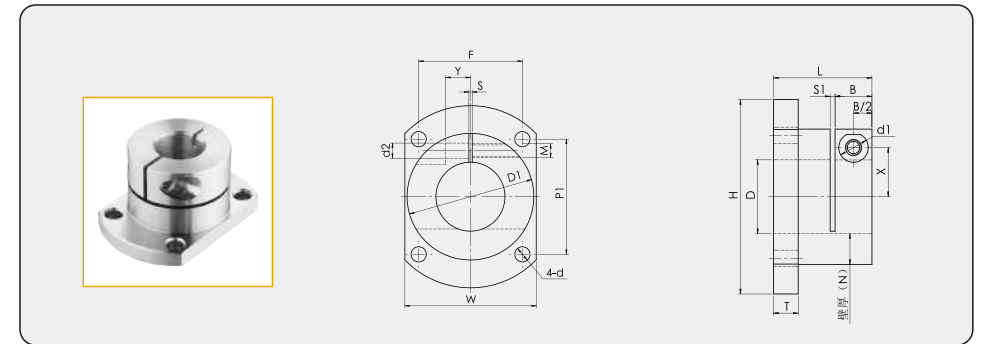
代号 Type	类型 Flange Type	材质 Material	表面处理 Surface Treatment	附件 Accessories
GBF...H	圆法兰型 Round Flange Type	S45C	发黑处理 Black Oxide	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
GBF...A			表面镀镍 Electroless Nickel Plating	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
SGBF...		SUS304	—	(SUS304)



型号 Part Number			L	D1	H	T	固定部壁厚 (N) Sleeve Thickness	B	S1
代号 Type	D	公差(H7) Tolerance							
GBK...H	8	+0.015	18	25	39	5	8.5	10	1.5
	10	0	20	30	49	5	10	10	
	12		22	32	52	6	10	10	
	13	+0.018	24	32	52	6	9.5	12	
	15	0	27	35	56	6	10	12	
GBK...A	16		30	35	56	6	9.5	12	2
SGBK...	20		32	40	64	8	10	12	
	25	+0.021	38	45	69	8	10	15	
	30	0	40	55	79	10	12.5	15	
	35		48	60	94	10	12.5	15	
	40	+0.025	55	70	104	12	15	18	
	50	0	65	85	119	12	17.5	22	

型号 Part Number			X	P	K	S	Y	d1	d2	d	M	附属螺栓M*长度 Included Screw M x Length
代号 Type	D	公差(H7) Tolerance										
GBK...H	8	+0.015	7.5	32	30	1.5	3.5	7.5	4.6	3.5	M4	M4*10
	10	0	10	40	38		3					M5*10
	12		11	42	40		4			4.5		M5*12
	13	+0.018	11	42	40		4					
	15	0	12	46	44		5	9	5.6		M5	M5*16
GBK...A	16		12	46	44	1.5	5			5.5		
SGBK...	20		14	52	50		6					M5*16
	25	+0.021	17	57	54		6			6.6		
	30	0	20	67	60		10				M6	M6*20
	35		23	77	71		12	12	6.6			
	40	+0.025	26	87	81	1.5	13	14	9	9	M8	M8*26
	50	0	32	102	94		16	18	11		M10	M10*30

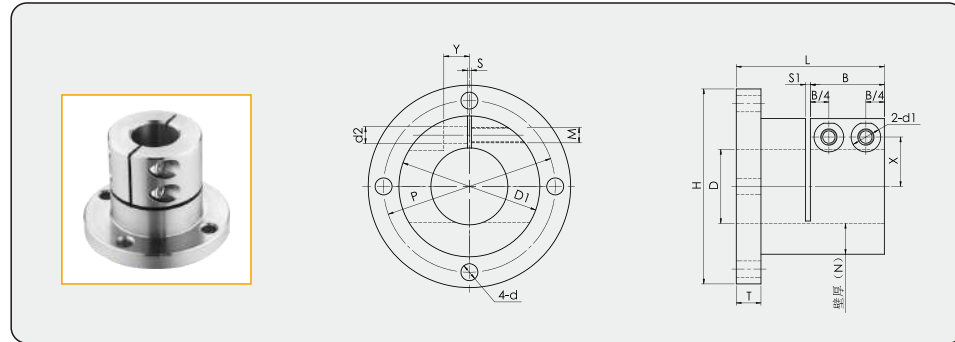
代号 Type	类型 Flange Type	材质 Material	表面处理 Surface Treatment	附件 Accessories
GBK...H	方法兰型 Square Flange Type	S45C	发黑处理 Black Oxide	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
GBK...A			表面镀镍 Electroless Nickel Plating	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
SGBK...		SUS304	—	(SUS304)



型号 Part Number			L	D1	H	T	固定部壁厚 (N) Sleeve Thickness	B	S1
代号 Type	D	公差(H7) Tolerance							
GBH...H	8	+0.015	18	25	39	5	8.5	10	1.5
	10	0	20	30	49	5	10	10	
	12		22	32	52	6	10	10	
	13	+0.018	24	32	52	6	9.5	12	
	15	0	27	35	56	6	10	12	
GBH...A	16		30	35	56	6	9.5	12	2
SGBH...	20		32	40	64	8	10	12	
	25	+0.021	38	45	69	8	10	15	
	30	0	40	55	79	10	12.5	15	
	35		48	60	94	10	12.5	15	
	40	+0.025	55	70	104	12	15	18	
	50	0	65	85	119	12	17.5	22	

型号 Part Number			X	W	P1	F	S	Y	d1	d2	d	M	附属螺栓M*长度 Included Screw M x Length
代号 Type	D	公差(H7) Tolerance											
GBH...H	8	+0.015	7.5	27	25	20	1.5	3.5	7.5	4.6	3.5	M4	M4*10
	10	0	10	32	33	23		3					M5*10
	12		11	34	35	25		4			4.5		M5*12
	13	+0.018	11	34	35	25		4					
	15	0	12	37	37	27		5	9	5.6		M5	M5*16
GBH...A	16		12	37	37	27	1.5	5			5.5		
SGBH...	20		14	42	43	30		6					M5*16
	25	+0.021	17	47	46	34		6			6.6		
	30	0	20	57	50	45		10				M6	M6*20
	35		23	66	58	50		12	12	6.6			
	40	+0.025	26	76	67	55	1.5	13	14	9	9	M8	M8*26
	50	0	32	91	82	60		16	18	11		M10	M10*30

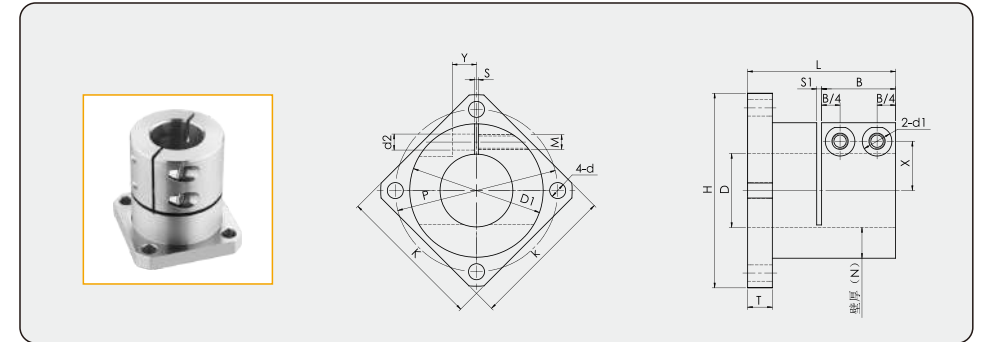
代号 Type	类型 Flange Type	材质 Material	表面处理 Surface Treatment	附件 Accessories
GBH...H	椭圆法兰型 Oval Flange Type	S45C	发黑处理 Black Oxide	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
GBH...A			表面镀镍 Electroless Nickel Plating	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
SGBH...		SUS304	—	(SUS304)



型号 Part Number			L	D1	H	T	固定部壁厚 (N) Sleeve Thickness	B	S1
代号 Type	D	公差(H7) Tolerance							
GBF...LH	12	+0.018	33	32	52	6	10	20	1.5
	16	0	45	35	56	6	9.5	24	
GBF...LA	20	+0.021	48	40	64	8	10	24	2
	25	0	57	45	69	8	10	30	
SGBF...L	30		60	55	79	10	12.5	30	
	35		72	60	94	10	12.5	30	
	40	+0.025	82.5	70	104	12	15	36	
	50	0	97.5	85	119	12	17.5	44	

型号 Part Number			X	P	S	Y	d1	d2	d	M	附属螺栓M*长度 Included Screw M x Length
代号 Type	D	公差(H7) Tolerance									
GBF...LH	12	+0.018	11	42	1.5	4	9	5.6	4.5	M5	M5*12
	16	0	12	46		5			5.5		
GBF...LA	20	+0.021	14	52		6			6.6	M5	M5*16
	25	0	17	57		6					
SGBF...L	30		20	67		10	12	6.6	9	M6	M6*20
	35		23	77		12					
	40	+0.025	26	87		13				M8	M8*26
	50	0	32	102		16	18	11		M10	M10*30

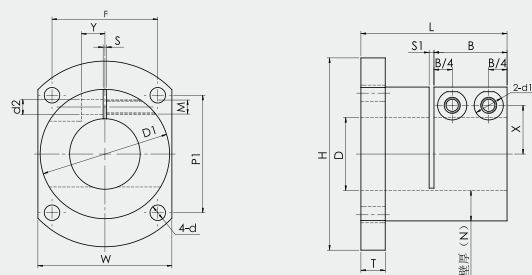
代号 Type	类型 Flange Type	材质 Material	表面处理 Surface Treatment	附件 Accessories
GBF...LH	加长圆法兰型 Round Flange Long Sleeve Type	S45C	发黑处理 Black Oxide	2个内六角螺栓 Hex Socket Head Cap Screw 2 pcs.
GBF...LA			表面镀镍 Electroless Nickel Plating	2个内六角螺栓 Hex Socket Head Cap Screw 2 pcs.
SGBF...L		SUS304	—	(SUS304)



型号 Part Number			L	D1	H	T	固定部壁厚 (N) Sleeve Thickness	B	S1
代号 Type	D	公差(H7) Tolerance							
GBK...LH	12	+0.018	33	32	52	6	10	20	1.5
	16	0	45	35	56	6	9.5	24	
GBK...LA	20	+0.021	48	40	64	8	10	24	2
	25	0	57	45	69	8	10	30	
SGBK...L	30		60	55	79	10	12.5	30	
	35		72	60	94	10	12.5	30	
	40	+0.025	82.5	70	104	12	15	36	
	50	0	97.5	85	119	12	17.5	44	

型号 Part Number			X	P	K	S	Y	d1	d2	d	M	附属螺栓M*长度 Included Screw M x Length
代号 Type	D	公差(H7) Tolerance										
GBK...LH	12	+0.018	11	42	40	1.5	4	9	5.6	4.5	M5	M5*12
	16	0	12	46	44		5			5.5		
GBK...LA	20	+0.021	14	52	50		6			6.6	M5	M5*16
	25	0	17	57	54		6					
SGBK...L	30		20	67	60		10	12	6.6	9	M6	M6*20
	35		23	77	71		12					
	40	+0.025	26	87	81		13	14	9		M8	M8*26
	50	0	32	102	94		16	18	11		M10	M10*30

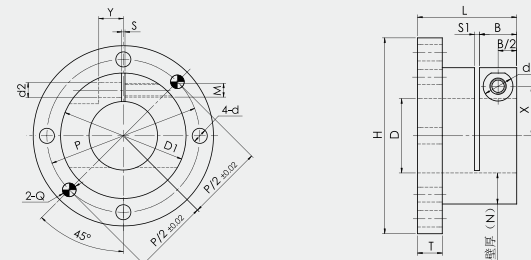
代号 Type	类型 Flange Type	材质 Material	表面处理 Surface Treatment	附件 Accessories
GBK...LH	加长方法兰型 Square Flange Long Sleeve Type	S45C	发黑处理 Black Oxide	2个内六角螺栓 Hex Socket Head Cap Screw 2 pcs.
GBK...LA			表面镀镍 Electroless Nickel Plating	2个内六角螺栓 Hex Socket Head Cap Screw 2 pcs.
SGBK...L		SUS304	—	(SUS304)



型 号 Part Number			L	D1	H	T	固定部壁厚	B	S1
代号 Type	D	公差(H7) Tolerance					Sleeve Thickness (N)		
GBH...LH	12	+0.018	33	32	52	6	10	20	1.5
	16	0	45	35	56	6	9.5	24	
	20	+0.021 0	48	40	64	8	10	24	
GBH...LA	25		57	45	69	8	10	30	2
SGBH...L	30		60	55	79	10	12.5	30	
	35	72	60	94	10	12.5	30		
	40	+0.025 0	82.5	70	104	12	15	36	
50	97.5		85	119	12	17.5	44		

型 号 Part Number			X	W	P1	F	S	Y	d2	d	M	附属螺栓M*长度 Included Screw M x Length	
代号 Type	D	公差(H7) Tolerance											
GBH...LH	12	+0.018	11	42	34	25	1.5	4	5.6	4.5	M5	M5*12	
	16	0	12	46	37	27		5		5.5			
GBH...LA	20	+0.021 0	14	52	42	30		6		6.6			M6
	25		17	57	47	34		6					
SGBH...L	30	+0.025 0	20	67	57	45		10	6.6	9	9	M8	M8*26
	35		23	77	66	50		12					
	40		26	87	76	55		13					
	50		32	102	91	60		16	11		M10	M10*30	

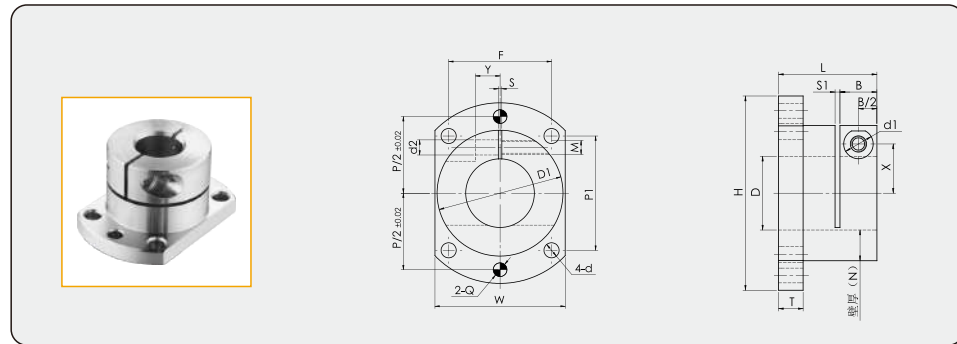
代 号 Type	类 型 Flange Type	材 质 Material	表面处理 Surface Treatment	附 件 Accessories
GBH...LH	加长椭圆法兰型 Oval Flange Long Sleeve Type	S45C	发黑处理 Black Oxide	2个内六角螺栓 Hex Socket Head Cap Screw 2 pcs.
GBH...LA			表面镀镍 Electroless Nickel Plating	2个内六角螺栓 Hex Socket Head Cap Screw 2 pcs.
SGBH...L		SUS304	—	(SUS304)



型 号 Part Number			L	D1	H	T	固定部壁厚 (N) Sleeve Thickness	B	d1	P
代号 Type	D	公差(H7) Tolerance								
GBAF...H	12	+0.018 0	22	32	52	6	10	10	9	42
	16		30	35	56	6	9.5	12	9	46
GBAF...A	20	+0.021 0	32	40	64	8	10	12	9	52
SGBAF...H	25		38	45	69	8	10	15	9	57
	30		40	55	79	10	12.5	15	12	67

型 号 Part Number			Q		S	S1	X	Y	d2	d	M	附属螺栓M*长度 Included Screw M x Length
代号 Type	D	公差(H7) Tolerance	mm	公差(H7) Tolerance								
GBAF...H	12	+0.018	4	+0.012 0	1.5	1.5	11	4	5.6	4.5	M5	M5*12
	16	0	5			12	5	5.5				
GBAF...A	20	+0.021 0	5			14	6	6.6	M6	M6*20		
	25		17			10	6.6					
SGBAF...	30	6	6	20	10	6.6						

代 号 Type	类 型 Flange Type	材 质 Material	表面处理 Surface Treatment	附 件 Accessories
GBAF...H	带定位孔圆法兰型 Round Flange Type With Dowel Hole	S45C	发黑处理 Black Oxide	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
GBAF...A			表面镀镍 Electroless Nickel Plating	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
SGBAF...		SUS304	—	(SUS304)

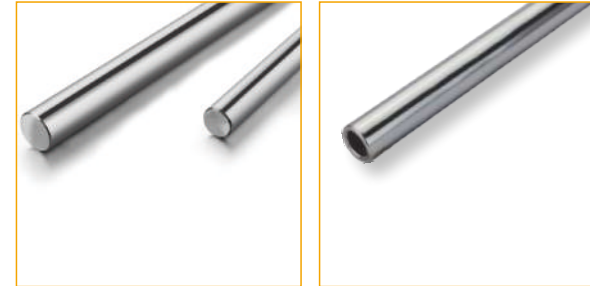


型号 Part Number		D	公差(H7) Tolerance	L	D1	H	T	固定部壁厚 (N) Sleeve Thickness	B	d1	P
代号 Type											
GBAH...H	12	16	+0.018 0	22	32	52	6	10	10	9	42
				30	35	56	6	9.5	12	9	46
GBAH...A	20			32	40	64	8	10	12	9	52
				38	45	69	8	10	15	9	57
SGBAH...	25	30	+0.021 0	40	55	79	10	12.5	15	12	67

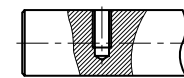
型 号 Part Number			Q		F	W	P1	S	S1	X	Y	d2	d	M	附属螺栓M*长度 Included Screw M x Length
代号 Type	D	公差(H7) Tolerance	mm	公差(H7) Tolerance											
GBAH...H	12	+0.018	4	+0.012 0	25	34	35	1.5	11	4	4.5	5.5	M5	M5*12	
	16	0	5		27	37	37		12	5					
GBAH...A	20	+0.021 0	5		30	42	43	1.5	14	6	6.6	M6			M6*20
	25		34		47	46	17		6						
SGBAH...	30		6	45	57	50		20	10	6.6					

代号 Type	类型 Flange Type	材质 Material	表面处理 Surface Treatment	附件 Accessories
GBAH...H	带定位孔椭圆法兰型 Oval Flange Type With Dowel Hole	S45C	发黑处理 Black Oxide	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
GBAH...A			表面镀镍 Electroless Nickel Plating	1个内六角螺栓 Hex Socket Head Cap Screw 1 pc.
SGBAH...		SUS304	—	(SUS304)

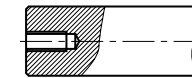
轴 Shafts



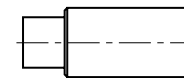
径向螺纹孔
Radial Holes Drolled and Tapped



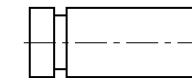
轴向螺纹孔
Coaxial Holes Drolled and Tapped



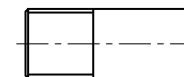
阶梯轴
Reduced Shaft Diameter



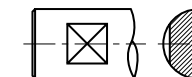
切槽
Snap Ring Grooves



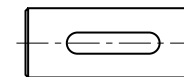
螺纹
Thread



平面
Flats



键槽
Key way



图(Fig) 直线轴举例
Examples for Shafts

MYT直线轴是经热处理、磨削和抛光的高精度的产品。为直线轴承配套的直线轴，其直线性、粗糙度、圆柱度、表面质量和硬度是极其重要的。MYT直线轴在制造时围绕以上几点使其在任何工作条件下都能良好的工作。这些直线轴能支撑旋转运动、直线运动和旋转直线复合运动以及单纯的直线运动。

MYT slide shaft is hardened, ground and polished and features high precision quality. Straightness, roughness, cylindricity, surface finish and hardness are very important when used with linear motion slide bearings. MYT slide shafts are manufactured with these points in mind to maintain precision performance under any operating conditions. These slide shafts will satisfactorily support rotary, linear, linear-rotary complex, as well as simple linear motion applications.

材质 Material: GCr15高碳铬钢

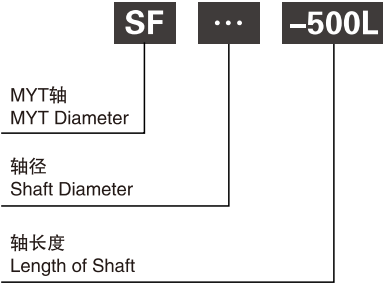
High carbon chromium steel

硬度 Hardness: HRC 62 ± 2

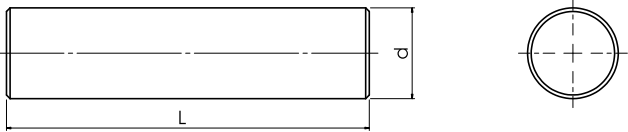
表面硬化厚度 Effective Hardening Depth: 0.8~2.5mm

表面粗糙度 Roughness: Ra0.4

直线度 Straightness: 50 μm /300mm



SF	直线轴 LINEAR SHAFT
SFC	电镀直线轴 HARD CHROMIC PLATING SHAFT
SSF	不锈钢直线轴 9Cr18 SHAFT
PSF	空心轴 LM PIPE SHAFT



型号 Model	轴径 Shaft diameter (mm)		尺寸 Dimensions (mm)												
	d (mm)	公差 Tolerance (μm)	100	200	300	400	500	600	700	800	1000	1200	1300	1500	2000
SF3	φ3	-2/-8	○	○	○	-	-	-	-	-	-	-	-	-	-
SF4	φ4	-4	○	○	○	○	-	-	-	-	-	-	-	-	-
SF5	φ5	-12	○	○	○	○	-	-	-	-	-	-	-	-	-
SF6	φ6	-	○	○	○	○	○	-	-	-	-	-	-	-	-
SF8	φ8	-5	○	○	○	○	○	-	-	-	-	-	-	-	-
SF10	φ10	-14	○	○	○	○	○	○	○	○	○	○	○	○	-
SF12	φ12	-6	-	○	○	○	○	○	○	○	○	○	○	○	-
SF13	φ13	-17	-	○	○	○	○	○	○	○	○	○	○	○	-
SF16	φ16	-	-	○	○	○	○	○	○	○	○	○	○	○	-
SF20	φ20	-7	-	○	○	○	○	○	○	○	○	○	○	○	○
SF25	φ25	-20	-	○	○	○	○	○	○	○	○	○	○	○	○
SF30	φ30	-	-	-	○	○	○	○	○	○	○	○	○	○	○
SF35	φ35	-9	-	-	-	-	○	○	○	○	○	○	○	○	○
SF40	φ40	-25	-	-	-	-	○	○	○	○	○	○	○	○	○
SF50	φ50	-	-	-	-	-	○	○	○	○	○	○	○	○	○
SF60	φ60	-10	-	-	-	-	-	-	-	○	○	○	○	○	○
SF80	φ80	-29	-	-	-	-	-	-	-	-	○	○	○	○	○
SF100	φ100	-12/-34	-	-	-	-	-	-	-	-	○	○	○	○	○

○ 标准库存品 Standard Length
● 标准准库存品 The Length to order

直线轴承代号对照表
Linear Bearing Code Table

亚洲公制 (Used in Asia)

轴承代号 Bearing code	生产公司 Manufacturer						
LM	中国 (CHINA)			日本 (JAPAN)			南韩 (SOUTH KOREA)
	MYT	太敬	IBI (台湾)	THK	HEPHAIST	IKO	SAMICK
SM				NACHI		NB	意大利 (ITALY)
LB				NSK			
SDM				EASE			
KLM				NTN			

欧洲公制 (Used in Europe)

LME	中国 (CHINA)		日本 (JAPAN)			南韩 (SOUTH KOREA)
	MYT	太敬	THK	HEPHAIST	IKO	SAMICK
KB	德国 (GERMANY)		NACHI		NB	意大利(ITALY)
	INA					
SDM			EASE			

美洲公制 (Used in US)

LMB	中国 (CHINA)		日本 (JAPAN)			南韩 (SOUTH KOREA)
	MYT	太敬	THK	HEPHAIST	IKO	SAMICK
SW			NACHI		NB	意大利(ITALY)
SDB			EASE			

公制系列：国际标准(ISO10285)及中国标准(GB/T16940)
基本代号：LB

轴和孔的配合公差 (公制)

Fitting Tolerances for Shafts and Bore Diameters (Metric Dimension Series)

公称轴径 Nominal diameter mm	轴径公差 Shaft Diameter Tolerance μm												支撑孔径公差 Tolerance for Housing Bore Diameter μm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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轴和孔的配合公差 (英制)

Fitting Tolerances for Shafts and Bore Diameters

孔公差 Tolerance for Bore

区分 Division	直径 Diameter		H5		H6		H7		H8	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
大于 至	0.1181 0.2362	3 6	+0.0002 0	+0.005 0	+0.0003 0	+0.008 0	+0.0005 0	+0.012 0	+0.0007 0	+0.018 0
大于 至	0.2362 0.3937	6 10	+0.0002 0	+0.006 0	+0.0003 0	+0.009 0	+0.0006 0	+0.015 0	+0.0008 0	+0.022 0
大于 至	0.3937 0.7087	10 18	+0.0003 0	+0.008 0	+0.0004 0	+0.011 0	+0.0007 0	+0.018 0	+0.0010 0	+0.027 0
大于 至	0.7087 1.1811	18 30	+0.0003 0	+0.009 0	+0.0005 0	+0.013 0	+0.0008 0	+0.021 0	+0.0013 0	+0.033 0
大于 至	1.1811 1.9685	30 50	+0.0004 0	+0.011 0	+0.0006 0	+0.016 0	+0.0009 0	+0.025 0	+0.0015 0	+0.039 0
大于 至	1.9685 3.1496	50 80	+0.0005 0	+0.013 0	+0.0007 0	+0.019 0	+0.0011 0	+0.030 0	+0.0018 0	+0.046 0
大于 至	3.1496 4.7244	80 120	+0.0005 0	+0.015 0	+0.0008 0	+0.022 0	+0.0013 0	+0.035 0	+0.0021 0	+0.054 0

轴公差 Tolerance for shaft

区分 Division	直径 Diameter		g5		g6		g7		h5		h6		h7	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
大于 至	0.1181 0.2362	3 6	-0.0001 -0.0003	-0.004 -0.009	-0.0001 -0.0004	-0.004 -0.012	-0.0001 -0.0006	-0.004 -0.016	0 -0.0002	0 -0.005	0 -0.0003	0 -0.008	0 -0.0004	0 -0.012
大于 至	0.2362 0.3937	6 10	-0.0002 -0.0004	-0.005 -0.011	-0.0002 -0.0005	-0.005 -0.014	-0.0002 -0.0007	-0.005 -0.020	0 -0.0002	0 -0.006	0 -0.0003	0 -0.009	0 -0.0006	0 -0.015
大于 至	0.3937 0.7087	10 18	-0.0002 -0.0005	-0.006 -0.014	-0.0002 -0.0006	-0.006 -0.017	-0.0002 -0.0009	-0.006 -0.024	0 -0.0003	0 -0.008	0 -0.0004	0 -0.011	0 -0.0007	0 -0.018
大于 至	0.7087 1.1811	18 30	-0.0002 -0.0006	-0.007 -0.016	-0.0002 -0.0007	-0.007 -0.020	-0.0002 -0.0011	-0.007 -0.028	0 -0.0003	0 -0.009	0 -0.0005	0 -0.013	0 -0.0008	0 -0.021
大于 至	1.1811 1.9685	30 50	-0.0003 -0.0007	-0.009 -0.020	-0.0003 -0.0009	-0.009 -0.025	-0.0003 -0.0013	-0.009 -0.034	0 -0.0004	0 -0.011	0 -0.0006	0 -0.016	0 -0.0009	0 -0.025
大于 至	1.9685 3.1496	50 80	-0.0004 -0.0009	-0.010 -0.023	-0.0004 -0.0011	-0.010 -0.029	-0.0004 -0.0015	-0.010 -0.040	0 -0.0005	0 -0.013	0 -0.0007	0 -0.019	0 -0.0011	0 -0.030
大于 至	3.1496 4.7244	80 120	-0.0004 -0.0010	-0.012 -0.027	-0.0004 -0.0013	-0.012 -0.034	-0.0004 -0.0018	-0.012 -0.047	0 -0.0006	0 -0.015	0 -0.0008	0 -0.022	0 -0.0013	0 -0.035