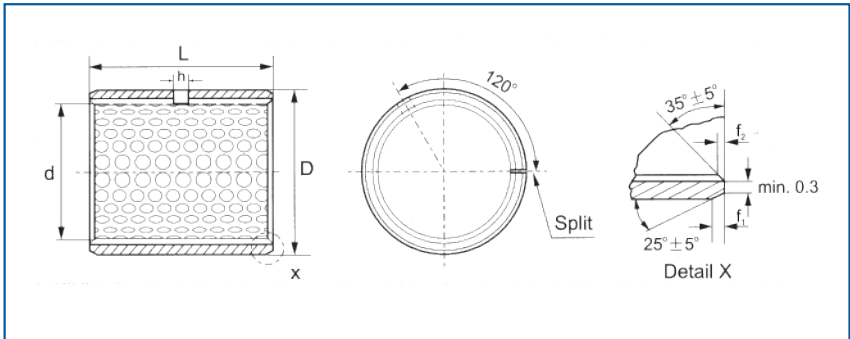




Unit: mm

d	D	Axle h8	Housing H7	Installed bearing d	Wall thickness		Oil hole	f ₁	f ₂	L _{0.4} ⁰								
					Min.	Max.				10	15	20	25	30	40	50	60	
10	12	10 _{-0.022}	12 _{+0.018}	+0.148 +0.010	0.995	0.935		0.5	0.3	1010	1015	1020						
12	14	12 _{-0.027}	14 _{-0.018}							1210	1215	1220						
14	16	14 _{-0.027}	16 _{+0.018}							1410	1415	1420						
15	17	15 _{-0.027}	17 _{+0.018}							1510	1515	1520						
16	18	16 _{-0.027}	18 _{-0.018}							1610	1615	1620						
18	20	18 _{-0.027}	20 _{+0.021}	+0.151 +0.020	1.490	1.490		0.8	0.4	1810	1815	1820	1825					
20	23	20 _{-0.033}	23 _{+0.021}	2010						2015	2020	2025						
22	25	22 _{-0.033}	25 _{+0.021}	2210						2215	2220	2225						
24	27	24 _{-0.033}	27 _{+0.021}	2410						2415	2420	2425	2430					
25	28	25 _{-0.033}	28 _{+0.021}	+0.205 +0.030						1.920	1.920	1.0	0.5		2515	2520	2525	2530
26	30	26 _{-0.033}	30 _{+0.021}			2615		2620	2625					2630				
28	32	28 _{-0.033}	32 _{+0.025}			2815		2820	2825					2830	2840			
30	34	30 _{-0.033}	34 _{+0.025}			3015		3020	3025					3030	3040			
32	36	32 _{-0.039}	36 _{+0.025}			3215		3220	3225				3230	3240				
35	39	35 _{-0.039}	39 _{+0.025}		1.2	0.6							3520	3525	3530	3540	3550	
38	42	38 _{-0.039}	42 _{+0.025}										3820	3825	3830	3840	3850	
40	44	40 _{-0.039}	44 _{+0.025}											4020	4025	4030	4040	4050

d	D	Axle h8	Housing H7	Installed bearing d	Wall thickness		Oil hole	f ₁	f ₂	L _{0.4} ⁰												
					min.	max.				25	30	40	50	60	80	90	100					
45	50	45 _{-0.039}	50 _{+0.025}	+0.210 +0.030	2.460	2.400	8	1.5	1.0	4525	4530	4540	4550									
50	55	50 _{-0.039}	55 _{+0.030}								5030	5040	5050	5060								
55	60	55 _{-0.046}	60 _{+0.030}								5530	5540	5550	5560								
60	65	60 _{-0.046}	65 _{+0.030}								6030	6040	6050	6060								
65	70	65 _{-0.046}	70 _{+0.030}								6530	6540	6550	6560								
70	75	70 _{-0.046}	75 _{+0.030}								7030	7040	7050	7060	7080							
75	80	75 _{-0.046}	80 _{+0.030}								7530	7540	7550	7560								
80	85	80 _{-0.046}	85 _{+0.035}	+0.215 +0.030							9.5					8040	8050	8060	8080			
85	90	85 _{-0.054}	90 _{+0.035}												8530		8550	8560	8580		85100	
90	95	90 _{-0.054}	95 _{+0.035}														9050	9060	9080		90100	
95	100	95 _{-0.054}	100 _{+0.035}															9560	9580	9590	95100	
100	105	100 _{-0.054}	105 _{+0.035}															10060	10080	10090	100100	
105	110	105 _{-0.054}	110 _{+0.035}															10560	10580		105100	
110	115	110 _{-0.054}	115 _{+0.035}															11060	11080		110100	
115	120	115 _{-0.054}	120 _{+0.035}						11550						11580							
120	125	120 _{-0.054}	125 _{+0.040}						12050					12060			120100					
125	130	125 _{-0.063}	130 _{+0.040}	+0.220 +0.030																		125100
130	135	130 _{-0.063}	135 _{+0.040}															13060				130100
135	140	135 _{-0.063}	140 _{+0.040}															13560	13580			
140	145	140 _{-0.063}	145 _{+0.040}															14060	14080			140100
150	155	150 _{-0.063}	155 _{+0.040}																15060	15080		150100

产品特长 Product Features

1. 无需供油装置、注油孔、油槽加工

供油装置的费用、加工费、组装费等多余的成本与时间的节省，能大幅降低制造成本。

2. 运行成本的降低

大幅降低润滑油的使用量与设备的维护保养费，另外也免除了由于供油不足造成的风险。

3. 设计时间的缩短

无油化可以使设计，结构等大幅简化，降低成本，节约设计时间，此外，使用自润滑轴承还可以提高机械性能，延长使用寿命及提高可靠性等方面获得显著效果。

4. 润滑油的回收和环保

无需废油回收处理，有利于环境保护。

JDB(500#SP) 自润滑轴承作为机械行业零部件，有一定广义上的使用。为了使机械传动运行正常，下了不少功夫。将轴承区分为滚动轴承和滑动轴承。一般的滑动轴承在高负荷运动方式、异物混入、温度条件、供油、维护保养不完善等情况下，会引起拉毛。像这样一般的滑动轴承无法使用的严酷条件下，固体镶嵌型金属自润滑轴承的耐磨性，耐拉毛性上，发挥轴承应有的性能，实现机械的高性能化和免维护保养的作用。

1. No need to oil installations, the filling hole processing tank

The cost of oil installations, processing fees, assembly fees, the extra cost and time savings can significantly reduce manufacturing costs.

2. Lower operating costs

Substantially reduce the use of lubricants and equipment maintenance costs, while also eliminating the risk caused due to insufficient oil supply.

3. The shortening of design time

Non-oil can make the design, structure, and greatly simplify and reduce costs, save design time and to obtain significant results, in addition, the use of self-lubricating bearings can also improve the mechanical properties and extend the service life and higher reliability.

4. Lubricating oil recycling and environmental protection

No need to waste oil recycling, are environmentally friendly. JDB(500#SP), self-lubricating bearing parts of the machinery industry, the use of certain generalized. In order to make the mechanical drive is operating normally, a lot of effort. The bearing area is divided into Rolling and plain bearings. Sliding bearings in high-load movement, foreign substances, temperature, fuel, maintenance, imperfect circumstances, can cause galling. Like sliding bearings can not be used under harsh conditions, the solid inlaid metal self-lubricating bearings, wear resistance, resistance to galling, to play the bearings of the due performance, the role of mechanical performance and maintenance-free.

使用注意事项 Application Notes

1. 在可能情况下，设计时尽量采用标准规格；

2. 装配时请注意表面有无异物；

3. 使用后的滑动面，因固体润滑剂形成的油膜导致表面有黑色或灰黑色现象，请不要擦洗，照常使用；

4. 装配前，若以润滑油涂于对磨件上，可减短走合期，利于机械操作、运转；

5. 装配时应徐徐压入，严禁敲打，以免损伤轴承及引起变形；

6. 设计时，不同的部位应选用适当的材质，以便提高机械性能，延长轴承的使用寿命；

7. 在高承载，往复运动中，建议使用螺钉固定；

8. 在淡水中、海水中及在海上作业时，对磨轴建议使用不锈钢或表面镀铬。

1. Use standard designation when designing if possible;

2. Note if there are any foreign matters on the surface when assembling;

3. Do not erase the black or grey phenomenon on the sliding surface caused by the oil film that is formed by the solid lubricant after using;

4. It is good for mechanical operation and running if lay the lubricant on the corresponding friction set before installing;

5. Pressing should be carried out slowly when installing. Do not beat in the event of damaging the bushing or causing the distortion to the bushing;

6. Using proper material in different parts when designing in order to enhance the mechanical properties and prolong the service life of the bushing;

7. It would be better to fix with bolt in high load and reciprocating motion;

8. It is recommended to use stainless steel or plate chrome on the surface of the corresponding friction shaft when working in the water or in the sea.