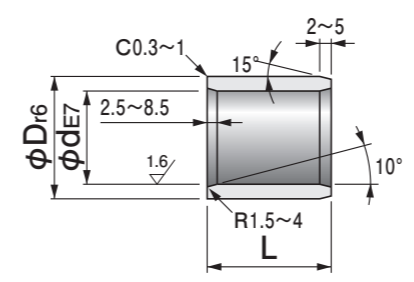
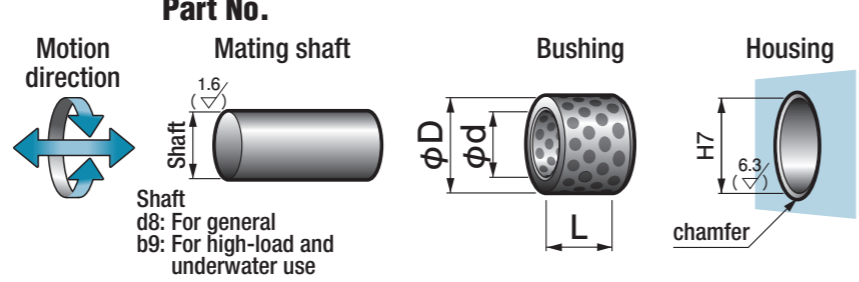




Specify Part No. by required I.D., O.D. and Length.
(e.g.) I.D. is 60mm, O.D. is 75mm, and length is 80mm.

SPBL - 607580



※Operating Temperature Range: -40~ +80°C (-40~ +176°F) Solid Lubricant : SL464 (refer to page 34)

I.D.		O.D.		Length L								I.D. tolerance after press fitting (reference)		
φd	Tolerance	φD	Tolerance	20	25	30	35	40	50	60	70	80	φd	Tolerance
12	+0.050 +0.032	18	+0.034 +0.023	121820										+0.031 +0.013
15	+0.050 +0.032	21	+0.041 +0.028	152120										+0.026 +0.008
16	+0.050 +0.032	22	+0.041 +0.028	162220		162230								+0.026 +0.008
18	+0.050 +0.032	24	+0.041 +0.028	182420										+0.026 +0.008
20	+0.061 +0.040	30	+0.041 +0.028	203020		203030		203040						+0.037 +0.016
25	+0.061 +0.040	35	+0.050 +0.034	253520	253525	253530		253540	253550					+0.032 +0.011
30	+0.061 +0.040	40	+0.050 +0.034	304020	304025	304030		304040	304050					+0.046 +0.021
35	+0.075 +0.050	45	+0.050 +0.034	354520		354530	354535	354540	354550	354560				+0.046 +0.021
40	+0.075 +0.050	50	+0.050 +0.034			405030		405040	405050	405060				+0.040 +0.015
40	+0.075 +0.050	55	+0.060 +0.041					405540	405550	405560				+0.040 +0.015
45	+0.075 +0.050	60	+0.060 +0.041			456030			456050	456060				+0.040 +0.015
50	+0.075 +0.050	60	+0.060 +0.041					506040	506050	506060				+0.040 +0.015
50	+0.075 +0.050	65	+0.060 +0.041					506540	506550	506560	506570			+0.040 +0.015
55	+0.090 +0.060	70	+0.062 +0.043					557040		557060	557070			+0.053 +0.023
60	+0.090 +0.060	75	+0.062 +0.043						607550	607560	607570	607580		+0.053 +0.023
65	+0.090 +0.060	80	+0.062 +0.043							658060	658070	658080		+0.053 +0.023
70	+0.090 +0.060	90	+0.073 +0.051							709060	709070	709080		+0.046 +0.016
75	+0.090 +0.060	95	+0.073 +0.051								759570			+0.046 +0.016
80	+0.090 +0.060	100	+0.073 +0.051							801060		801080		+0.046 +0.016
90	+0.107 +0.072	110	+0.076 +0.054							901160		901180		+0.060 +0.025
100	+0.107 +0.072	120	+0.076 +0.054							10012060		10012080		+0.060 +0.025
110	+0.107 +0.072	130	+0.088 +0.063											+0.052 +0.017
120	+0.107 +0.072	140	+0.088 +0.063									12014080		+0.052 +0.017
130	+0.125 +0.085	150	+0.090 +0.065											+0.068 +0.028
140	+0.125 +0.085	160	+0.090 +0.065											+0.068 +0.028
150	+0.125 +0.085	170	+0.093 +0.068											+0.065 +0.025
160	+0.125 +0.085	180	+0.093 +0.068											+0.065 +0.025
170	+0.125 +0.085	190	+0.106 +0.077											+0.065 +0.025
180	+0.125 +0.085	200	+0.106 +0.077											+0.065 +0.025
190	+0.146 +0.100	210	+0.109 +0.080											+0.078 +0.032
200	+0.146 +0.100	230	+0.113 +0.084											+0.078 +0.032

※Part No. with * are made-to-order.
※The I.D. tolerance after press fitting is for reference only.

- Applicable to rotational, oscillating, and reciprocating motion.
- Be sure to apply grease supplied with the product to the inner sliding surface before assembling the bearing. Run in the bearing.
- May be used over the maximum allowable speed or maximum allowable PV value in short-time intermittent operations. Inquire us in such a case.
- Use a stainless steel or chrome-plated (30μm or more) mating shaft when using the product in water, in a water-splashed place, etc.
- Use a mating shaft made of high-grade stainless steel with higher corrosion resistance or plated with thicker chrome when using the product in severe corrosive conditions. Supply grease for rust prevention.
- Provide the bushing with a set screw when using the product for high loads.
- Usable without the need for lubrication in the air and water. Use lithium grease with extreme pressure additive if greasing is required.

Length L								I.D. tolerance after press fitting (reference)		I.D.
90	100	110	120	130	140	150	200	φd	Tolerance	φd
									+0.031 +0.013	12
									+0.026 +0.008	15
									+0.026 +0.008	16
									+0.026 +0.008	18
									+0.037 +0.016	20
									+0.032 +0.011	25
									+0.032 +0.011	30
									+0.046 +0.021	35
									+0.046 +0.021	40
									+0.040 +0.015	40
									+0.040 +0.015	45
									+0.040 +0.015	50
									+0.040 +0.015	50
									+0.053 +0.023	55
									+0.053 +0.023	60
									+0.053 +0.023	65
709090	7090100								+0.046 +0.016	70
	7595100								+0.046 +0.016	75
8010090	80100100	80100110							+0.046 +0.016	80
9011090	90110100								+0.060 +0.025	90
	100120100		100120120						+0.060 +0.025	100
	110130100	110130110							+0.052 +0.017	110
	120140100		120140120						+0.052 +0.017	120
	130150100			130150130		130150150			+0.068 +0.028	130
	140160100				140160140				+0.068 +0.028	140
	150170100					150170150			+0.065 +0.025	150
	160180100					160180150			+0.065 +0.025	160
	*170190100					*170190150			+0.065 +0.025	170
	*180200100					*180200150			+0.065 +0.025	180
	*190210100					*190210150			+0.078 +0.032	190
						*200230150	*200230200		+0.078 +0.032	200

Selection Guide, Product Information, Plastic Bearing, Multi-layer Bearing, Metallic Bearing, Air Bearings, Slide Shifter, Technical Information, Corporate Profile

Selection Guide, Product Information, Plastic Bearing, Multi-layer Bearing, Metallic Bearing, Air Bearings, Slide Shifter, Technical Information, Corporate Profile