

# 70B

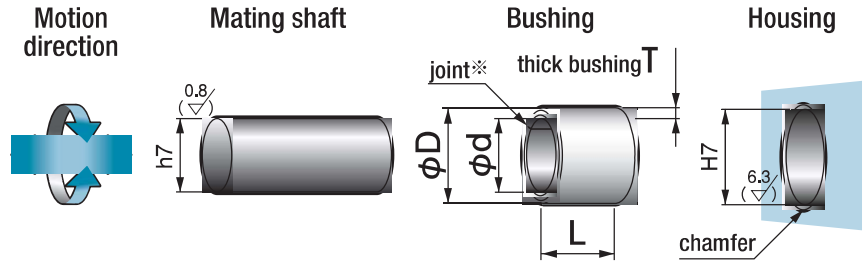
## Oiles Drymet ST Bushings (I.D. $\phi 31 \sim \phi 160$ )



Specify Part No. by required I.D. and length.  
(e.g.) I.D. is 60mm and length is 50mm.

### 70B - 6050

#### Parts No.



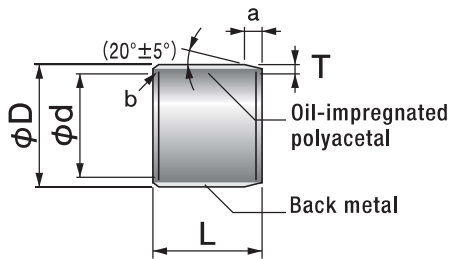
※The joint causes no influences upon rotation of the shaft. Be careful when press-fitting so that the joint is not at the position to which the maximum load is applied.

Shaft		Housing		I.D.		O.D.		Wall thickness		Length L						Tolerance $-\frac{0}{-0.3}$	
Size	h7 Tolerance	Size	H7 Tolerance	$\phi d$	$\phi D$	Tolerance	T	Tolerance	12	15	20	25	30	40	50		
31	$\frac{0}{-0.025}$	35	$\frac{+0.025}{0}$	31	35	$\frac{+0.090}{+0.050}$	2.0	$\frac{-0.035}{-0.090}$								3125	3140
32	$\frac{0}{-0.025}$	36	$\frac{+0.025}{0}$	32	36	$\frac{+0.090}{+0.050}$	2.0	$\frac{-0.035}{-0.090}$				3220	3225	3230	3240		
35	$\frac{0}{-0.025}$	39	$\frac{+0.025}{0}$	35	39	$\frac{+0.095}{+0.055}$	2.0	$\frac{-0.035}{-0.090}$	3512	3515	3520	3525	3530	3540	3550		
38	$\frac{0}{-0.025}$	42	$\frac{+0.025}{0}$	38	42	$\frac{+0.095}{+0.055}$	2.0	$\frac{-0.035}{-0.090}$				3820		3830	3840	3850	
40	$\frac{0}{-0.025}$	44	$\frac{+0.025}{0}$	40	44	$\frac{+0.095}{+0.055}$	2.0	$\frac{-0.035}{-0.090}$	4012			4020	4025	4030	4040	4050	
42	$\frac{0}{-0.025}$	47	$\frac{+0.025}{0}$	42	47	$\frac{+0.095}{+0.055}$	2.5	$\frac{-0.040}{-0.105}$							4240	4250	
45	$\frac{0}{-0.025}$	50	$\frac{+0.025}{0}$	45	50	$\frac{+0.100}{+0.060}$	2.5	$\frac{-0.040}{-0.105}$				4520	4525	4530	4540	4550	
50	$\frac{0}{-0.025}$	55	$\frac{+0.030}{0}$	50	55	$\frac{+0.105}{+0.060}$	2.5	$\frac{-0.040}{-0.105}$				5020		5030	5040		
55	$\frac{0}{-0.030}$	60	$\frac{+0.030}{0}$	55	60	$\frac{+0.110}{+0.065}$	2.5	$\frac{-0.040}{-0.105}$						5530	5540		
60	$\frac{0}{-0.030}$	65	$\frac{+0.030}{0}$	60	65	$\frac{+0.120}{+0.070}$	2.5	$\frac{-0.040}{-0.105}$						6030	6040	6050	
65	$\frac{0}{-0.030}$	70	$\frac{+0.030}{0}$	65	70	$\frac{+0.125}{+0.075}$	2.5	$\frac{-0.045}{-0.095}$						6530	6540		
70	$\frac{0}{-0.030}$	75	$\frac{+0.030}{0}$	70	75	$\frac{+0.125}{+0.075}$	2.5	$\frac{-0.045}{-0.095}$							7040		
75	$\frac{0}{-0.030}$	80	$\frac{+0.030}{0}$	75	80	$\frac{+0.130}{+0.075}$	2.5	$\frac{-0.045}{-0.095}$						7530	7540		
80	$\frac{0}{-0.030}$	85	$\frac{+0.035}{0}$	80	85	$\frac{+0.130}{+0.075}$	2.5	$\frac{-0.045}{-0.095}$							8040		
85	$\frac{0}{-0.035}$	90	$\frac{+0.035}{0}$	85	90	$\frac{+0.130}{+0.075}$	2.5	$\frac{-0.045}{-0.095}$							8540		
90	$\frac{0}{-0.035}$	95	$\frac{+0.035}{0}$	90	95	$\frac{+0.130}{+0.075}$	2.5	$\frac{-0.045}{-0.095}$							9040		
100	$\frac{0}{-0.035}$	105	$\frac{+0.035}{0}$	100	105	$\frac{+0.140}{+0.080}$	2.5	$\frac{-0.060}{-0.110}$									10050
110	$\frac{0}{-0.035}$	115	$\frac{+0.035}{0}$	110	115	$\frac{+0.140}{+0.080}$	2.5	$\frac{-0.060}{-0.110}$									11050
120	$\frac{0}{-0.035}$	125	$\frac{+0.040}{0}$	120	125	$\frac{+0.145}{+0.090}$	2.5	$\frac{-0.060}{-0.110}$									12050
130	$\frac{0}{-0.040}$	135	$\frac{+0.040}{0}$	130	135	$\frac{+0.145}{+0.090}$	2.5	$\frac{-0.060}{-0.110}$									13050
140	$\frac{0}{-0.040}$	145	$\frac{+0.040}{0}$	140	145	$\frac{+0.165}{+0.100}$	2.5	$\frac{-0.060}{-0.110}$									14050
150	$\frac{0}{-0.040}$	155	$\frac{+0.040}{0}$	150	155	$\frac{+0.185}{+0.120}$	2.5	$\frac{-0.060}{-0.110}$									15050
160	$\frac{0}{-0.040}$	165	$\frac{+0.040}{0}$	160	165	$\frac{+0.185}{+0.120}$	2.5	$\frac{-0.060}{-0.110}$									16050

※Outer diameter is measured by exclusive gauge.

※The I.D. tolerance after press fitting is for reference only.

※I.D.  $\phi 5 \sim \phi 30$  are shown on pages 141 to 142.



**a: Chamfering for O.D.**

T	2.0	2.5
a	1.0	1.0

(mm)

**b: Chamfering for I.D.**

T	2.0	2.5
b	C0.5	C0.5

(mm)

Length L									Tolerance $-\frac{0}{0.3}$	I.D. tolerance after press fitting (reference)	I.D. $\phi d$
55	60	65	70	80	90	95	100	125			
									+0.205 +0.070	31	
									+0.205 +0.070	32	
									+0.205 +0.070	35	
									+0.205 +0.070	38	
									+0.205 +0.070	40	
									+0.235 +0.080	42	
	<b>4560</b>								+0.235 +0.080	45	
<b>5055</b>	<b>5060</b>	<b>5065</b>							+0.240 +0.080	50	
	<b>5560</b>		<b>5570</b>						+0.240 +0.080	55	
	<b>6060</b>			<b>6080</b>					+0.240 +0.080	60	
	<b>6560</b>								+0.220 +0.090	65	
	<b>7060</b>			<b>7080</b>					+0.220 +0.090	70	
	<b>7560</b>			<b>7580</b>					+0.220 +0.090	75	
	<b>8060</b>			<b>8080</b>					+0.225 +0.090	80	
	<b>8560</b>			<b>8580</b>					+0.225 +0.090	85	
	<b>9060</b>				<b>9090</b>				+0.225 +0.090	90	
			<b>10070</b>			<b>10095</b>			+0.255 +0.120	100	
			<b>11070</b>			<b>11095</b>			+0.255 +0.120	110	
			<b>12070</b>			<b>12095</b>			+0.260 +0.120	120	
				<b>13080</b>				<b>130125</b>	+0.260 +0.120	130	
				<b>14080</b>			<b>140100</b>	<b>140125</b>	+0.260 +0.120	140	
				<b>15080</b>			<b>150100</b>	<b>150125</b>	+0.260 +0.120	150	
				<b>16080</b>			<b>160100</b>	<b>160125</b>	+0.260 +0.120	160	