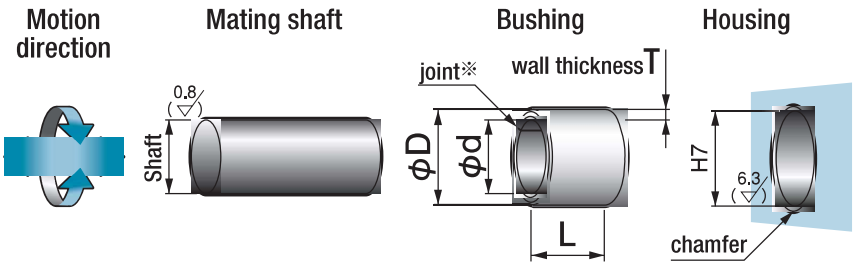
LFB Oiles Drymet LF Bushings (I.D. φ30~φ160)

Specify Part No. by required I.D. and length.
(e.g.) I.D. is 70mm and length is 35mm.

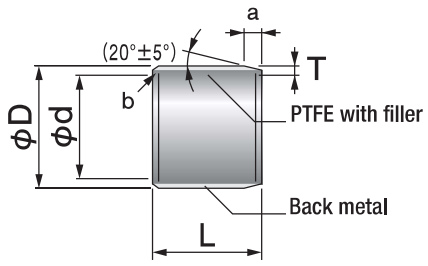
LFB - 7035
Parts No.



※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 $^{0}_{-0.3}$					
Size	Tolerance	H7	H7 Tolerance	φd	φD	Tolerance	T	Tolerance	12	15	20	25	30	35
30	$^{-0.025}_{-0.046}$	34	$^{+0.025}_{0}$	30	34	$^{+0.090}_{+0.050}$	2.0	$^{0}_{-0.030}$	**3012**	**3015**	**3020**	**3025**	**3030**	**3035**
31	$^{-0.025}_{-0.050}$	35	$^{+0.025}_{0}$	31	35	$^{+0.090}_{+0.050}$	2.0	$^{0}_{-0.030}$		**3115**		**3125**	**3130**	
32	$^{-0.025}_{-0.050}$	36	$^{+0.025}_{0}$	32	36	$^{+0.090}_{+0.050}$	2.0	$^{0}_{-0.030}$		**3215**	**3220**	**3225**	**3230**	
35	$^{-0.025}_{-0.050}$	39	$^{+0.025}_{0}$	35	39	$^{+0.095}_{+0.055}$	2.0	$^{0}_{-0.030}$	**3512**	**3515**	**3520**	**3525**	**3530**	**3535**
38	$^{-0.025}_{-0.050}$	42	$^{+0.025}_{0}$	38	42	$^{+0.095}_{+0.055}$	2.0	$^{0}_{-0.030}$			**3820**	**3825**	**3830**	**3835**
40	$^{-0.025}_{-0.050}$	44	$^{+0.025}_{0}$	40	44	$^{+0.095}_{+0.055}$	2.0	$^{0}_{-0.030}$	**4012**	**4015**	**4020**	**4025**	**4030**	**4035**
45	$^{-0.025}_{-0.050}$	50	$^{+0.025}_{0}$	45	50	$^{+0.100}_{+0.060}$	2.5	$^{0}_{-0.040}$			**4520**	**4525**	**4530**	**4535**
50	$^{-0.025}_{-0.050}$	55	$^{+0.030}_{0}$	50	55	$^{+0.105}_{+0.060}$	2.5	$^{0}_{-0.040}$			**5020**	**5025**	**5030**	**5035**
55	$^{-0.025}_{-0.055}$	60	$^{+0.030}_{0}$	55	60	$^{+0.110}_{+0.065}$	2.5	$^{0}_{-0.040}$				**5525**	**5530**	**5535**
60	$^{-0.025}_{-0.055}$	65	$^{+0.030}_{0}$	60	65	$^{+0.120}_{+0.070}$	2.5	$^{0}_{-0.040}$					**6030**	**6035**
65	$^{+0.035}_{+0.005}$	70	$^{+0.030}_{0}$	65	70	$^{+0.125}_{+0.075}$	2.5	$^{-0.030}_{-0.080}$					**6530**	
70	$^{+0.035}_{+0.005}$	75	$^{+0.030}_{0}$	70	75	$^{+0.125}_{+0.075}$	2.5	$^{-0.030}_{-0.080}$					**7030**	**7035**
75	$^{+0.035}_{+0.005}$	80	$^{+0.030}_{0}$	75	80	$^{+0.130}_{+0.075}$	2.5	$^{-0.030}_{-0.080}$					**7530**	**7535**
80	$^{+0.035}_{+0.005}$	85	$^{+0.035}_{0}$	80	85	$^{+0.130}_{+0.075}$	2.5	$^{-0.030}_{-0.080}$						
85	$^{+0.035}_{0}$	90	$^{+0.035}_{0}$	85	90	$^{+0.130}_{+0.075}$	2.5	$^{-0.030}_{-0.080}$						
90	$^{+0.035}_{0}$	95	$^{+0.035}_{0}$	90	95	$^{+0.130}_{+0.075}$	2.5	$^{-0.030}_{-0.080}$						
100	$^{+0.035}_{0}$	105	$^{+0.035}_{0}$	100	105	$^{+0.140}_{+0.080}$	2.5	$^{-0.030}_{-0.080}$						
110	$^{+0.035}_{0}$	115	$^{+0.035}_{0}$	110	115	$^{+0.140}_{+0.080}$	2.5	$^{-0.030}_{-0.080}$						
120	$^{+0.035}_{0}$	125	$^{+0.040}_{0}$	120	125	$^{+0.145}_{+0.090}$	2.5	$^{-0.030}_{-0.080}$						
130	$^{+0.035}_{-0.005}$	135	$^{+0.040}_{0}$	130	135	$^{+0.145}_{+0.090}$	2.5	$^{-0.030}_{-0.080}$						
140	$^{+0.035}_{-0.005}$	145	$^{+0.040}_{0}$	140	145	$^{+0.165}_{+0.100}$	2.5	$^{-0.030}_{-0.080}$						
150	$^{+0.035}_{-0.005}$	155	$^{+0.040}_{0}$	150	155	$^{+0.185}_{+0.120}$	2.5	$^{-0.030}_{-0.080}$						
160	$^{+0.035}_{-0.005}$	165	$^{+0.040}_{0}$	160	165	$^{+0.185}_{+0.120}$	2.5	$^{-0.030}_{-0.080}$						

※Outer diameter is measrued by exclusive gauge.
※The I.D. tolerance after press fitting is for reference only.
※I.D. φ3~φ28 are shown on pages 151 to 152.



a: O.D. chamfering

T	2.0	2.5	
a	1.0	1.0	(mm)

b: I.D. chamfering

T	2.0	2.5	
b	C0.5	C0.5	(mm)

Length L Tolerance $^{0}_{-0.3}$								I.D. tolerance after press fitting (reference)	I.D.
40	50	60	70	80	90	95	100		ϕd
3040	3050							$^{+0.085}_{0}$	30
3140								$^{+0.085}_{0}$	31
3240								$^{+0.085}_{0}$	32
3540	3550							$^{+0.085}_{0}$	35
3840								$^{+0.085}_{0}$	38
4040	4050							$^{+0.085}_{0}$	40
4540	4550							$^{+0.105}_{0}$	45
5040	5050	5060						$^{+0.110}_{0}$	50
5540	5550	5560						$^{+0.110}_{0}$	55
6040	6050	6060		6080				$^{+0.110}_{0}$	60
6540	6550	6560						$^{+0.190}_{+0.060}$	65
7040	7050	7060	7070	7080				$^{+0.190}_{+0.060}$	70
7540	7550	7560		7580				$^{+0.190}_{+0.060}$	75
8040	8050	8060		8080				$^{+0.195}_{+0.060}$	80
8540	8550	8560		8580				$^{+0.195}_{+0.060}$	85
9040	9050	9060			9090			$^{+0.195}_{+0.060}$	90
	10050		10070	10080		10095	100100	$^{+0.195}_{+0.060}$	100
	11050		11070			11095	110100	$^{+0.195}_{+0.060}$	110
	12050		12070			12095	120100	$^{+0.200}_{+0.060}$	120
	13050			13080			130100	$^{+0.200}_{+0.060}$	130
	14050			14080			140100	$^{+0.200}_{+0.060}$	140
	15050			15080			150100	$^{+0.200}_{+0.060}$	150
	16050			16080			160100	$^{+0.200}_{+0.060}$	160