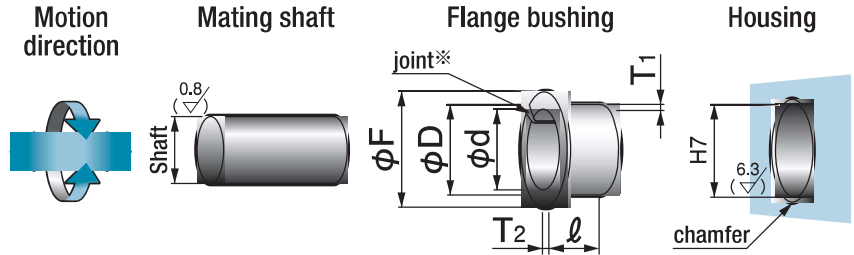




Specify Part No. by required I.D. and length.
(e.g.) I.D. is 20mm and length is 10mm.

LFF - 2010

Parts No.

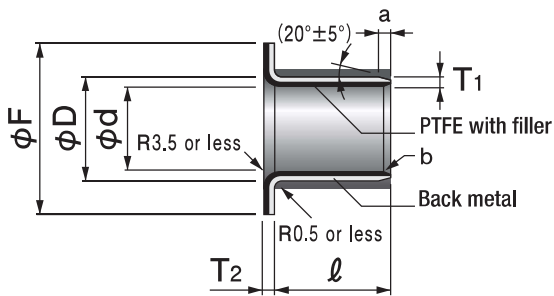


※The joint causes no influences upon rotation of the shaft. Be careful when press-fitting so that the joint is not at the position to which the maximum load is applied.

Shaft		Housing		I.D.		O.D.		Flange			Wall thickness		Length ℓ		Tolerance $_{-0.3}^0$	
Size	Tolerance	Size	H7 Tolerance	ϕd	ϕD	ϕF	Tolerance	T_2	Tolerance	T_1	Tolerance	3	4	5	6	
3	$_{-0.025}^{-0.034}$	4.6	$_{+0.012}^0$	3	4.6	7	$_{-0.8}^0$	0.8	$_{-0.15}^0$	0.8	$_{-0.025}^0$	0303		0305		
4	$_{-0.025}^{-0.037}$	5.6	$_{+0.012}^0$	4	5.6	9	$_{-0.8}^0$	0.8	$_{-0.15}^0$	0.8	$_{-0.025}^0$		0404		0406	
5	$_{-0.025}^{-0.037}$	7	$_{+0.015}^0$	5	7	10	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$		0504	0505	0506	
6	$_{-0.025}^{-0.037}$	8	$_{+0.015}^0$	6	8	12	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$			0605	0606	
7	$_{-0.025}^{-0.040}$	9	$_{+0.015}^0$	7	9	13	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$			0705		
8	$_{-0.025}^{-0.040}$	10	$_{+0.015}^0$	8	10	15	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$				0806	
9	$_{-0.025}^{-0.040}$	11	$_{+0.018}^0$	9	11	16	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$					
10	$_{-0.025}^{-0.040}$	12	$_{+0.018}^0$	10	12	18	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$				1006	
12	$_{-0.025}^{-0.043}$	14	$_{+0.018}^0$	12	14	20	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$				1206	
13	$_{-0.025}^{-0.043}$	15	$_{+0.018}^0$	13	15	21	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$					
14	$_{-0.025}^{-0.043}$	16	$_{+0.018}^0$	14	16	22	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$					
15	$_{-0.025}^{-0.043}$	17	$_{+0.018}^0$	15	17	23	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$					
16	$_{-0.025}^{-0.043}$	18	$_{+0.018}^0$	16	18	24	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$					
18	$_{-0.025}^{-0.043}$	20	$_{+0.021}^0$	18	20	26	$_{-0.8}^0$	1.0	$_{-0.15}^0$	1.0	$_{-0.025}^0$					
20	$_{-0.025}^{-0.046}$	23	$_{+0.021}^0$	20	23	31	$_{-0.8}^0$	1.5	$_{-0.15}^0$	1.5	$_{-0.030}^0$					
22	$_{-0.025}^{-0.046}$	25	$_{+0.021}^0$	22	25	33	$_{-0.8}^0$	1.5	$_{-0.15}^0$	1.5	$_{-0.030}^0$					
24	$_{-0.025}^{-0.046}$	27	$_{+0.021}^0$	24	27	35	$_{-0.8}^0$	1.5	$_{-0.15}^0$	1.5	$_{-0.030}^0$					
25	$_{-0.025}^{-0.046}$	28	$_{+0.021}^0$	25	28	36	$_{-0.8}^0$	1.5	$_{-0.15}^0$	1.5	$_{-0.030}^0$					
26	$_{-0.025}^{-0.046}$	30	$_{+0.021}^0$	26	30	38	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
28	$_{-0.025}^{-0.046}$	32	$_{+0.025}^0$	28	32	40	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
30	$_{-0.025}^{-0.046}$	34	$_{+0.025}^0$	30	34	42	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
31	$_{-0.025}^{-0.050}$	35	$_{+0.025}^0$	31	35	45	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
32	$_{-0.025}^{-0.050}$	36	$_{+0.025}^0$	32	36	46	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
35	$_{-0.025}^{-0.050}$	39	$_{+0.025}^0$	35	39	49	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
38	$_{-0.025}^{-0.050}$	42	$_{+0.025}^0$	38	42	52	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
40	$_{-0.025}^{-0.050}$	44	$_{+0.025}^0$	40	44	54	$_{-0.8}^0$	2.0	$_{-0.15}^0$	2.0	$_{-0.030}^0$					
45	$_{-0.025}^{-0.050}$	50	$_{+0.025}^0$	45	50	60	$_{-0.8}^0$	2.5	$_{-0.15}^0$	2.5	$_{-0.040}^0$					
50	$_{-0.025}^{-0.050}$	55	$_{+0.030}^0$	50	55	65	$_{-0.8}^0$	2.5	$_{-0.15}^0$	2.5	$_{-0.040}^0$					
55	$_{-0.025}^{-0.055}$	60	$_{+0.030}^0$	55	60	70	$_{-0.8}^0$	2.5	$_{-0.15}^0$	2.5	$_{-0.040}^0$					
60	$_{-0.025}^{-0.055}$	65	$_{+0.030}^0$	60	65	75	$_{-0.8}^0$	2.5	$_{-0.15}^0$	2.5	$_{-0.040}^0$					

※Outer diameter is measured by exclusive gauge.

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



a: O.D. chamfering for the bushing I.D. of $\phi 10$ or more

T1	1.0	1.5	2.0	2.5
a	0.5	0.8	1.0	1.0

(mm)

b: I.D. chamfering for the bushing I.D. of $\phi 10$ or more

T1	1.0	1.5	2.0	2.5
b	C0.3	C0.5	C0.5	C0.5

(mm)

※Chamfering of inner or outer diameters less than $\phi 10$ mm is done only to remove burrs.

Length ℓ Tolerance $-\frac{0}{0.3}$											I.D. tolerance after press fitting (reference)	I.D. ϕd
7	8	10	12	15	20	25	30	40	50	60		
											$+\frac{0.062}{0}$	3
											$+\frac{0.062}{0}$	4
											$+\frac{0.065}{0}$	5
0607	0608	0610									$+\frac{0.065}{0}$	6
0707		0710	0712								$+\frac{0.065}{0}$	7
	0808	0810	0812								$+\frac{0.065}{0}$	8
		0910									$+\frac{0.068}{0}$	9
1007	1008	1010	1012	1015							$+\frac{0.068}{0}$	10
1207	1208	1210	1212	1215	1220						$+\frac{0.068}{0}$	12
		1310		1315							$+\frac{0.068}{0}$	13
		1410	1412	1415	1420						$+\frac{0.068}{0}$	14
		1510	1512	1515	1520	1525					$+\frac{0.068}{0}$	15
		1610	1612	1615	1620	1625					$+\frac{0.068}{0}$	16
		1810	1812	1815	1820	1825					$+\frac{0.071}{0}$	18
		2010	2012	2015	2020	2025	2030				$+\frac{0.081}{0}$	20
		2210	2212	2215	2220	2225					$+\frac{0.081}{0}$	22
				2415	2420	2425	2430				$+\frac{0.081}{0}$	24
		2510	2512	2515	2520	2525	2530				$+\frac{0.081}{0}$	25
				2615	2620						$+\frac{0.081}{0}$	26
			2812	2815	2820		2830				$+\frac{0.085}{0}$	28
			3012	3015	3020	3025	3030	3040			$+\frac{0.085}{0}$	30
						3125					$+\frac{0.085}{0}$	31
					3220	3225	3230				$+\frac{0.085}{0}$	32
			3512		3520	3525	3530	3540	3550		$+\frac{0.085}{0}$	35
					3820		3830	3840			$+\frac{0.085}{0}$	38
			4012		4020	4025	4030	4040	4050		$+\frac{0.085}{0}$	40
					4520	4525	4530	4540	4550		$+\frac{0.105}{0}$	45
					5020		5030	5040		5060	$+\frac{0.110}{0}$	50
							5530	5540		5560	$+\frac{0.110}{0}$	55
							6030	6040		6060	$+\frac{0.110}{0}$	60