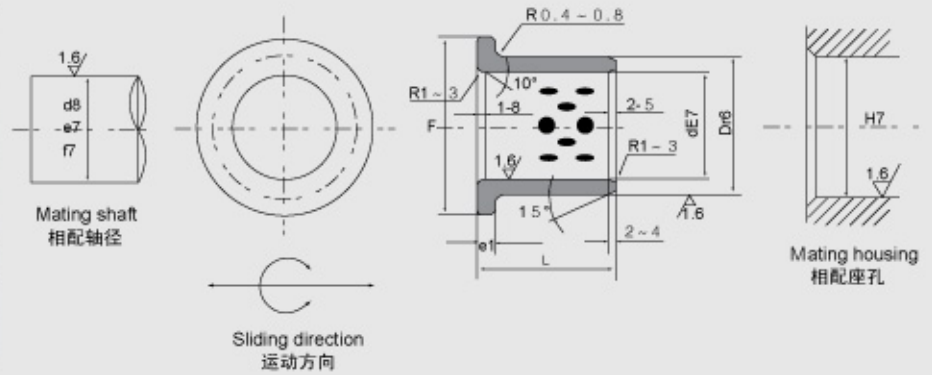




JFB标准轴承套尺寸

JFB BEARING



d	D	dE7	Dr6	F	L												
					T _{-0.1} ⁰	15	20	25	30	35	40	50	60	80	100		
10	14	10	14	22	2	●	●										
12	18	12	18	25	3	●	●										
13	19	13	19	26		●	●										
14	20	14	20	27		●	●										
15	21	15	21	28		●	●	●	●								
16	22	16	22	29		●	●	●	●								
20	30	20	30	40		5	●	●	●	●		●					
25	35	25	35	45			●	●	●	●	●	●					
30	40	30	40	50			●	●	●	●	●	●					
32	40	32	40	50			●			●							
35	45	35	45	60			●		●		●	●					
40	50	40	50	65			●		●		●	●					
45	55	45	55	70					●		●	●	●				
50	60	50	60	75					●		●	●	●				
55	65	55	65	80							●		●				
60	75	60	75	90	7.5							●	●			●	
63	75	63	75	85												●	
70	85	70	85	105									●			●	
75	90	75	90	110										●			
80	100	80	100	120	10									●	●	●	
90	110	90	110	130										●	●		
100	120	100	120	150											●	●	●
120	140	120	140	170												●	●

Oil Free Bushings

Copper Alloy, Flanged, Standard

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.



Oil Free Bushings

C-VALUE Products - Copper Alloy, Flanged, Standard

Points on Comparing Similar Products | If you use it for high-precision positioning, high load weight, and high frequency movement, consider from the existing product series.

Points on Comparing Similar Products | If you use it for medium-precision positioning, mid-to-low load weight, and mid-to-low frequency movement, consider from the C-VALUE Product series.

■ **Features:** Flanged, less likely to pull-out.

■ **Features:** Flanged, less likely to pull-out.

■ **Flanged, Standard**

MPFZ (Standard)

Recommended Mating Shaft: d8: General Use (High-Load), e7: General Use (Light Load), f8: High Precision Use, g6: High Precision Use (Intermittent Operation)

Material: High Tensile Brass Alloy, Solid Lubricant Embedded

RoHS

⚠ Press fitting is recommended to affix bushings.

■ **Flanged, Standard**

C-MPFZ (Standard)

Recommended Mating Shaft: d8: General Use (Medium Load), e7: General Use (Light Load), f8: Medium Precision Use, g6: Medium Precision Use (Intermittent Operation)

Material: High Tensile Brass Alloy, Solid Lubricant Embedded

⚠ Press fitting is recommended to affix bushings.

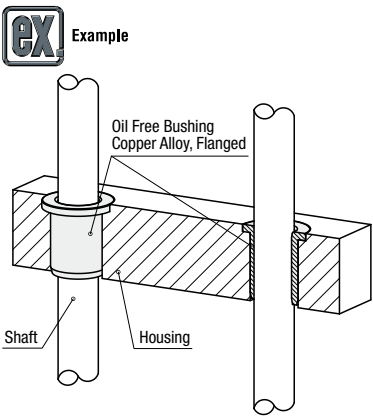
Part Number		L				Dm6	Thickness (N)	H	0 t-0.1	Housing Dia. (Recommended Dimension)	Ref. Dim.	Tolerance (H7)	
MPFZ	5	+0.032	10	12		9		14		9	+0.015	0	
	6	+0.020	10	12	15	10		16		10	0		
	8	+0.040	10	12	15	20	2	20	2	12			
	10	+0.025	10	12	15	20		22		14	+0.018	0	
	12	+0.050	+0.032	10	12	15	20	25	30	18	18		
	13		10	12	15	20	25	30	19	19			
	15		10	12	15	20	25	30	21	21			
	16		12	15	20	25	30	35	40	22	22	+0.021	0
	18	+0.061	+0.040	15	20	25	30	35	40	24	24		
	20		15	20	25	30	35	40	30	30			
	25		15	20	25	30	35	40	50	35	35		
	30	+0.075	+0.050	20	25	30	35	40	50	40	40	+0.025	0
	35		20	25	30	35	40	50	45	45			
	40	+0.050	20	25	30	35	40	50	50	50	50		
	50		30	35	40	50	60	60	60	+0.030	0		

Part Number		L				Dm6	Thickness (N)	H	+0.1 t-0.2	Housing Dia. (Recommended Dimension)	Ref. Dim.	Tolerance (H7)		
C-MPFZ	10	+0.045	15	20		14		22		2	14	+0.018	0	
	12	+0.020	15	20		18		25		3	19			
	13	+0.055	15	20		19		26			18			
	15		15	20	25	30	21		28		21	+0.021	0	
	16		15	20	25	30	22		29		22			
	20	+0.065	+0.035	20	25	30	35	40	30	30	40	30		
	25		20	25	30	35	40	50	35	35	45	35		
	30	+0.080	+0.047	20	25	30	40	50	40	40	50	40	+0.025	0
	35		30	40	50	45	45	45			60	45		
	40		30	40	50	50	50	50			65	50		
	50		40	60	60	60	+0.060	+0.041	75	60	60	+0.030	0	

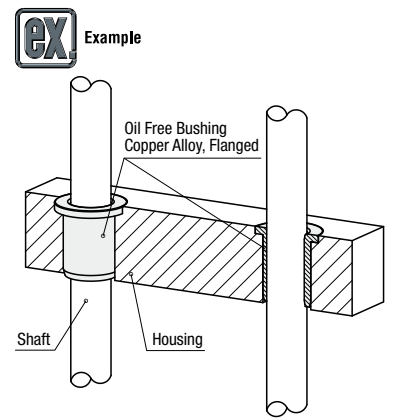
Ordering Example: Part Number **MPFZ20** - **L** **30**

Ordering Example: Part Number **C-MPFZ20** - **L** **30**

Part Number		Unit Price									
Type	d	L10	L12	L15	L20	L25	L30	L35	L40	L50	L60
MPFZ	5										
	6										
	8										
	10										
	12										
	13										
	15										
	16										
	18										
	20										
	25										
30											
35											
40											
50											



Part Number		Unit Price							
Type	d	L15	L20	L25	L30	L35	L40	L50	L60
C-MPFZ	10								
	12								
	13								
	15								
	16								
	20								
	25								
	30								
	35								
	40								
	50								



Oil Free Bushings

Copper Alloy, Flanged, Thin Wall

■Features: Flanged, less likely to pull-out.

■Thin Wall

MPFZU (Thin Wall)

Recommended Mating Shaft: d8: General Use (High-Load), f8: High Precision Use
 e7: General Use (Light Load), g6: High Precision Use (Intermittent Operation)

Material: High Tensile Brass Alloy, Solid Lubricant Embedded
 Press fitting is recommended to affix bushings.

RoHS

Part Number		L					Dm6		Thickness (N)	H	0 t-0.1	Housing Dia. (Recommended Dimension)	Tolerance (H7)	
Type	df7	10	12	15	20	25	30	7	11	7	Ref. Dim.	Tolerance (H7)		
MPFZU	5	+0.032	10 12					7	11	7	+0.015	7	0	
	6	+0.020	10 12 15					8	12	8	+0.028		0	
	8	+0.040	10 12 15 20					10	14	10			0	
	10	+0.025	10 12 15 20					12	16	12	+0.034	0		
	12	+0.050	10 12 15 20 25 30					15	21	15		0		
	13		12 15 20					16	22	16		0		
	15	+0.032	10 12 15 20 25					18	24	18	+0.041	0		
	16	+0.040	12 15 20 25 30					20	26	20		0		
	20		15 20 25 30 40					24	32	24		0		
	25	+0.061	30 40 50					29	37	29	+0.025	0		
	30		30 40 50					34	42	34		0		

Ordering Example: Part Number - L
MPFZU12 - 15

Part Number		Unit Price							
Type	d	L10	L12	L15	L20	L25	L30	L40	L50
MPFZU	5	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-
	8	-	-	-	-	-	-	-	-
	10	-	-	-	-	-	-	-	-
	12	-	-	-	-	-	-	-	-
	13	-	-	-	-	-	-	-	-
	15	-	-	-	-	-	-	-	-
	16	-	-	-	-	-	-	-	-
	20	-	-	-	-	-	-	-	-
	25	-	-	-	-	-	-	-	-
	30	-	-	-	-	-	-	-	-

O.D. Dimension Comparison Table

d	Dimension Variation			Thin Wall MPFZU			Standard Type MPFZ		
	O.D. Dr6	Thickness (N)	H	O.D. Dr6	Thickness (N)	H	O.D. Dr6	Thickness (N)	H
5	-2	-1	-3	7	11	7	11	9	14
6	-2	-1	-4	8	12	8	12	10	16
8	-2	-1	-6	10	14	10	14	12	20
10	-2	-1	-6	12	16	14	16	14	22
12	-3	-1.5	-4	15	21	18	21	18	25
13	-3	-1.5	-4	16	22	19	22	19	26
15	-3	-1.5	-4	18	24	21	24	21	28
16	-2	-1.5	-3	20	26	22	26	22	29
20	-6	-3	-8	24	32	30	32	30	40
25	-6	-3	-8	29	37	35	37	35	45
30	-6	-3	-8	34	42	40	42	40	50

Oil Free Bushings

Copper Alloy, Thrust

■Features: Lubricant is embedded in the flange so that one bushing can bear radial load and thrust load at the same time.

■Thrust Type

MPGZ (Standard)

MPSZ (Countersunk Hole)
d=6-40

MPKZ (Low Head Screw Hole)
d=6-12

Recommended Mating Shaft: d8: General Use (High-Load), f8: High Precision Use
 e7: General Use (Light Load), g6: High Precision Use (Intermittent Operation)

Material: High Tensile Brass Alloy, Solid Lubricant Embedded

RoHS

Part Number		L					Dm6		H	t	Housing Dia. (Recommended Dimension)	Tolerance (H7)	
Type	df7	10	12	15	20	25	30	7	11	Ref. Dim.	Tolerance (H7)		
MPGZ (Standard)	6	+0.028	10 12					7	11	7	+0.015	0	
	8	+0.040	10 12 15					8	12	8	+0.034	0	
	10	+0.025	10 12 15 20					10	14	10		0	
	12	+0.050	10 12 15 20 25					12	16	12	+0.041	0	
	13		12 15 20 25					13	17	13		0	
	15	+0.032	12 15 20 25					15	19	15		0	
	16	+0.061	12 15 20 25 30					16	20	16	+0.025	0	
	18		14 20 25 30 35					18	22	18		0	
	20	+0.040	14 20 25 30 35 40					20	24	20	+0.034	0	
	25		14 20 25 30 35 40					25	29	25		0	
	30	+0.075	20 25 30 35 40					30	36	30	+0.030	0	
	35		20 25 30 35 40					35	41	35		0	
	40	+0.050	25 30 35 40 45 50					40	46	40	+0.030	0	
	50		30 35 40 45 50 60					50	56	50		0	

Part Number		L					Dm6		MPSZ (Countersunk Hole)				MPKZ (Low Head Screw Hole)				Housing Dia. (Recommended Dimension)					
Type	df7	10	12	15	20	25	30	7	H	P.C.D.	d1	d2	h	P.C.D.	d1	d2	h	Accessories: Hex Socket Low Head Cap Screw	Ref. Dim.	Tolerance (H7)		
MPSZ (Countersunk Hole)	6	+0.028	10 12					7	11	7	8.5	3.5	2.5	M3	3	25	17	M3-10x2 pcs.	4	+0.018		
	8	+0.018	12 15					8	12	8	40	28	20	M4-12x4 pcs.	5	21	14	18	0			
	10	+0.013	12 15 20					10	14	10												
	12	+0.034	12 15 20					12	16	12	40	30	22	M5-16x4 pcs.	6	22	18	24	0			
	15		12 15 20					15	19	15												
	16	+0.016	20 25 30					16	20	16	13	6	3.5	M5	5	54	43	9	5.5	3.7	33	+0.025
	18		20 25 30 35 40					18	22	18												
	20	+0.041	20 25 30 35 40					20	24	20	8	6.6	4.2	M6-20x4 pcs.	8	38	33	44	0			
	25		20 25 30 35 40					25	29	25												
	30	+0.020	20 25 30 35 40					30	36	30	7	8.2	6.6	M8-25x4 pcs.	10	50	44	50	0			
	35		20 25 30 35 40					35	41	35												
	40	+0.050	25 30 35 40 45 50					40	46	40	8	9.4	7.8	M8-25x4 pcs.	10	56	50	50	0			
45	25 30 35 40 45 50					45	51	45														
50	+0.025	30 35 40 45					50	56	50													

d-L Unit Price				d-L Unit Price				d-L Unit Price				d-L Unit Price				d-L Unit Price			
d-L	MPGZ	MPSZ	MPKZ	d-L	MPGZ	MPSZ	MPKZ	d-L	MPGZ	MPSZ	MPKZ	d-L	MPGZ	MPSZ	MPKZ	d-L	MPGZ	MPSZ	MPKZ
6-10	-	-	-	12-25	-	-	-	16-30	-	-	-	25-20	-	-	-	35-35	-	-	-
6-12	-	-	-	13-12	-	-	-	18-14	-	-	-	25-25	-	-	-	35-40	-	-	-
8-10	-	-	-	13-15	-	-	-	18-20	-	-	-	25-30	-	-	-	40-25	-	-	-
8-12	-	-	-	13-20	-	-	-	18-25	-	-	-	30-30	-	-	-	40-30	-	-	-
8-15	-	-	-	13-25	-	-	-	18-30	-	-	-	30-35	-	-	-	40-35	-	-	-
10-10	-	-	-	15-12	-	-	-	18-35	-	-	-	30-20	-	-	-	40-40	-	-	-
10-12	-	-	-	15-15	-	-	-	20-14	-	-	-	30-25	-	-	-	40-45	-	-	-
10-15	-	-	-	15-20	-	-	-	20-20	-	-	-	30-30	-	-	-	40-50	-	-	-
10-20	-	-	-	15-25	-	-	-	20-25	-	-	-	30-35	-	-	-	50-30	-	-	-
12-10	-	-	-	16-12	-	-	-	20-30	-	-	-	30-40	-	-	-	50-35	-	-	-
12-12	-	-	-	16-15	-	-	-	20-35	-	-	-	35-20	-	-	-	50-40	-	-	-
12-15	-	-	-	16-20	-	-	-	20-40	-	-	-	50-45	-	-	-	50-50	-	-	-
12-20	-	-	-	16-25	-	-	-	25-14	-	-	-	50-50	-	-	-	50-50	-	-	-

Ordering Example: Part Number - L
MPGZ10 - 15
MPSZ12 - 15
MPKZ16 - 20

