

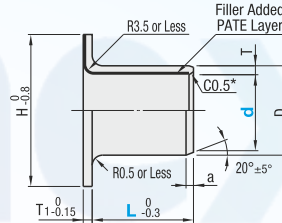
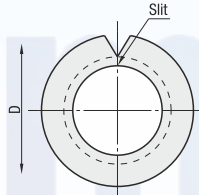
# Oil Free Bushings - Multi-Layer LF Bushings (Dry Bush) - Flanged



- **Features:** Thin wall and compact
- The bulk-purchase is a better deal.



**DMDZF (Flanged)**



O.D. Chamfers

- When T=1.0, a0.5
- When T=1.5, a0.8
- When T=2.0, a1.0
- When T=2.5, a1.0

**M**Material: Filler Added PTFE Layer  
Sintered Bronze Layer  
Steel-backed Metal Layer (SPCC: Tin Plating)  
Allowable Temperature: -195 ~ 280°C

● There may be some color variations.

Part Number		DMDZF				* Shaft Diameter			
Type	d	L		D	H	T, T <sub>1</sub>	Tolerance	Ref. Dim.	Tolerance
Flanged DMDZF	3	3 (4) 5 (6)	4.6	7	0.8	0	-0.025	3	-0.025 -0.034
	4	(3) 4 (5) 6 (8)	5.6	9				4	
	5	(3) 4 5 6 (8)	7	10				5	-0.025 -0.037
	6	(3) (4) 5 6 8 (10) (12)	8	12				6	
	8	(5) 6 8 10 12 (15)	10	15				8	-0.025 -0.040
	10	6 8 10 12 15 (20)	12	18				10	
	12	6 8 10 12 15 (20)	14	20	12	-0.025 -0.043			
	13	(8) 10 (12) 15 (20)	15	21	13				
	15	(8) 10 12 15 20 (25)	17	23	15				
	16	10 (12) 15 20 (25)	18	24	16				
	18	10 12 15 20 (25) (30)	20	26	18	0 -0.030			
	20	10 12 15 20 25 (30)	23	31	20				
	22	10 12 15 20 (25) (30)	25	33	22		-0.025 -0.046		
	25	10 12 15 20 25 (30) (35)	28	36	25				
	30	12 15 20 25 30 (35) (40) (50)	34	42	30	-0.025 -0.050			
	35	12* 20 25 30 (35) 40 (50)	39	49	35				
	40	12 (15) 20 25 30 (35) 40 (50)	44	54	40				
	50	20 (25) 30 (35) 40 (50) (60)	55	65	50		0 -0.040		

D	* Housing Dia. H7	.D. Tolerance after press fit (Reference Value)
3~6	+0.012 0	+0.062 0
7~10	+0.015 0	+0.065 0
11~18	+0.018 0	+0.068 0
19~20	+0.021 0	+0.071 0
21~30	+0.021 0	+0.081 0
31~50	+0.025 0	+0.085 0
51~80	+0.030 0	+0.110 0

● I.D. Tolerance is a value after press fit, not a guaranteed value but a reference value.

● \* Housing diameters and shaft diameters listed here are recommended dimensions.

● \* MDZB is a rolled bushing with a slit. Indicated values of D tolerance are reference after press fitted into ring gauge ( $\pm 0.002$ ).

### ● Basic Specifications

- **Type** - Flanged
- **Max. Allowable Surface Pressure P (N/mm<sup>2</sup>)** - 49
- **Max. Allowable PV Value (N/mm<sup>2</sup>·m/s)** - 3.6
- **Multi-layer** - Composite product consisting of three layers: steel-backed metal layer, sintered bronze layer and filler added PTFE layer
- **Maximum Allowable Velocity (m/s)** - 0.65
- **Operating Temperature Range (°C)** - -195::280
- **Mounting Hole Fits** - H7
- **Max. Allowable PV Value Range (N/mm<sup>2</sup> · m/s)** - 2.1~5.0

ORDERING GUIDE



- L

DMDZF12 - 15

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