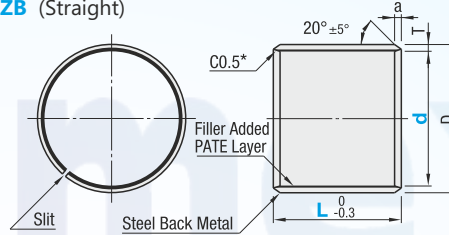


Oil Free Bushings - Multi-Layer LF Bushings (Dry Bush) - Straight

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



DMDZB (Straight)



- **Applicable to linear and rotary motion.**
- Press fitting is recommended to affix bushings.

*1) Bushings with I.D. $d < 10$ are only de-burred lightly instead of full chamfering.
 2) Chamfering is C0.3 when the I.D. is $d \geq 10$ and the plate thickness is 1.0.

● There may be some color variations.

Part Number	Type	d	L	DMDZB			* Shaft Diameter			
				D	Tolerance	T	Tolerance	Ref. Dim.	Tolerance	
3	Straight Type DMDZB	3	(4) 5 (6)	5	+0.047	1.0	0 -0.025	3	-0.025 -0.034	
4		(3) 4 (5) 6 (8)	6	+0.017	4			-0.025 -0.037		
5		(3) 4 5 6 (8)	7	+0.055 +0.025	5				-0.025 -0.040	
6		(3) (4) 5 6 8 (10) (12)	8		6					
8		(5) 6 8 10 12 (15)	10	8	-0.025 -0.043					
10		6 8 10 12 15 (20)	12	10						
12		6 8 10 12 15 (20)	14	+0.060 +0.030						12
13		(8) 10 (12) 15 (20)	15							13
15		(8) 10 12 15 20 (25)	17	+0.065 +0.035						15
16		10 (12) 15 20 (25)	18	+0.070 +0.035						16
18		10 12 15 20 (25) (30)	20	+0.075 +0.040		18				
20		10 12 15 20 25 (30)	23	+0.080 +0.045		20	-0.025 -0.046			
22		10 12 15 20 (25) (30)	25	+0.085 +0.050		22				
25		10 12 15 20 25 (30) (35)	28			25				
30		12 15 20 25 30 (35) (40) (50)	34	+0.090 +0.050	30					
35		12* 20 25 30 (35) 40 (50)	39	+0.095	35					
40		12 (15) 20 25 30 (35) 40 (50)	44	+0.055	40	-0.025 -0.050				
50		20 (25) 30 (35) 40 (50) (60)	55	+0.105 +0.060	50					
					2.5	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		+0.081 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 (± 0.002).

● **Basic Specifications**

- **Type** - Straight
- **Max. Allowable Surface Pressure P (N/mm²)** - 49
- **Max. Allowable PV Value (N/mm²·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/mm² · m/s)** - 2.1~5.0

