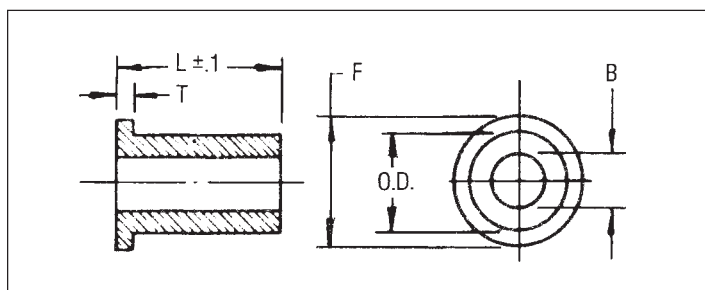
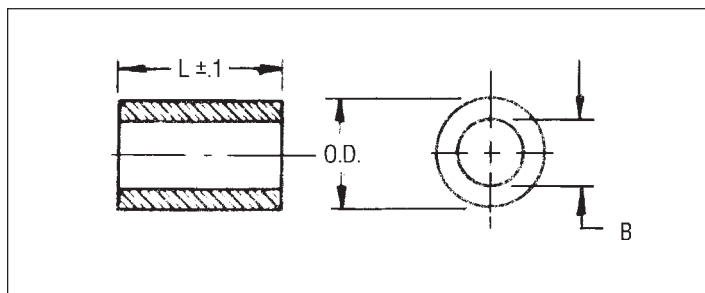


METRIC SINTERED BRONZE BEARINGS

Oil-Impregnated

ISO Standard



All Dimensions in Millimeters

Material: Bronze, Per MIL-B-438/438
Type 2, Grade 1 (BP 25)

Bearing Tolerances

(Before Fitting):

Bore (B)

Unflanged Bearing F7
Flanged Bearing F8

O.D.

Unflanged Bearing s7
Flanged Bearing s8

Flange

Diameter (F) js13
Thickness (T) js14

T.I.R. O.D. and Bore .060μ

Bore After Assembly

Unflanged H7
Flanged H8

Recommended Housing H7

Features:

Eliminates Lubrication Points

Reduces Maintenance

Max Speed 30,000 rpm

Dynamic Load 1500 daN/cm²

Temperature -20° to +100°c

No Siezing

Permanent Presence of a Veritable Cushion of Oil.

Silent Running

Shaft Size F7	Bore	O.D.	L	F	T	Part No. Unflanged	Part No. Flanged
3	3	6	4 6 10	9	1.5	MBG9-1 MBG9-2 MBG9-3	MBG10-1 MBG10-2 MBG10-3
4	4	8	4 8 12	12	2	MBG9-4 MBG9-5 MBG9-7	MBG10-4 MBG10-5 MBG10-7
5	5	8	5 8 12 16	12	2	MBG9-8 MBG9-9 MBG9-10 MBG9-11	
6	6	10	6 10 12 16	14	2	MBG9-12 MBG9-13 MBG9-14 MBG9-15	MBG10-12 MBG10-13 * MBG10-14 MBG10-15
8	8	12	8 12 16	16	2	MBG9-16 MBG9-17 MBG9-18	MBG10-16 MBG10-17 MBG10-18
10	10	13	10 16 20	16	1.5	MBG9-19 MBG9-20 MBG9-21	MBG10-19 MBG10-20 MBG10-21
12	12	17	12 16 20	22	2.5	MBG9-22 MBG9-23 MBG9-24	MBG10-22 MBG10-23 MBG10-24
16	16	22	16 20 25	28	3	MBG9-25 MBG9-26 MBG9-27	MBG10-25 MBG10-26 MBG10-27
20	20	26	16 20 25 32	32	3	MBG9-28 MBG9-29 MBG9-30 MBG9-31	MBG10-28 MBG10-29 MBG10-30 MBG10-31
25	25	30	20 25 32 40	35	2.5	MBG9-32 MBG9-33 MBG9-34 MBG9-35	MBG10-32 MBG10-33 MBG10-34

* Flange thickness on MBG10-14 = 1.2mm

Tolerances per ISO 286-2 μm

Bore	O.D.	F7	F8	s7	s8
3	6	+16 +7	+21 +7	+31 +19	+37 +19
4	8	+22 +10	+28 +10	+38 +23	+45 +23
5	8	+22 +10		+38 +23	
6	10	+22 +10	+28 +10	+38 +23	+45 +23
8	12	+28 +13	+35 +13	+46 +28	+55 +28
10	13	+28 +13	+35 +13	+46 +28	+55 +28
12	17	+34 +16	+43 +16	+46 +28	+55 +28
16	22	+34 +16	+43 +16	+56 +35	+68 +35
20	26	+41 +20	+53 +20	+56 +35	+68 +35
25	30	+41 +20	+53 +20	+56 +35	+68 +35