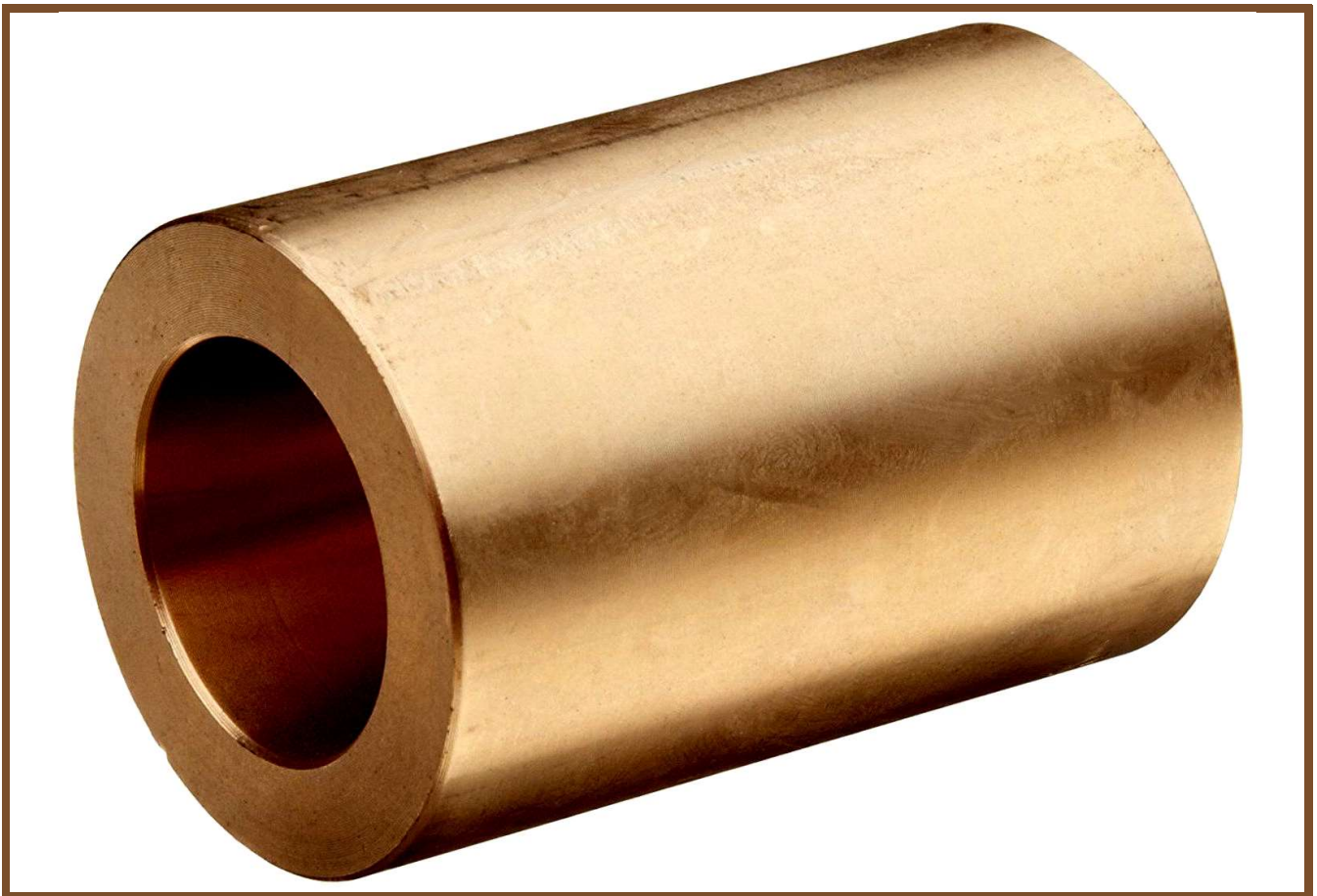


MBA

2018

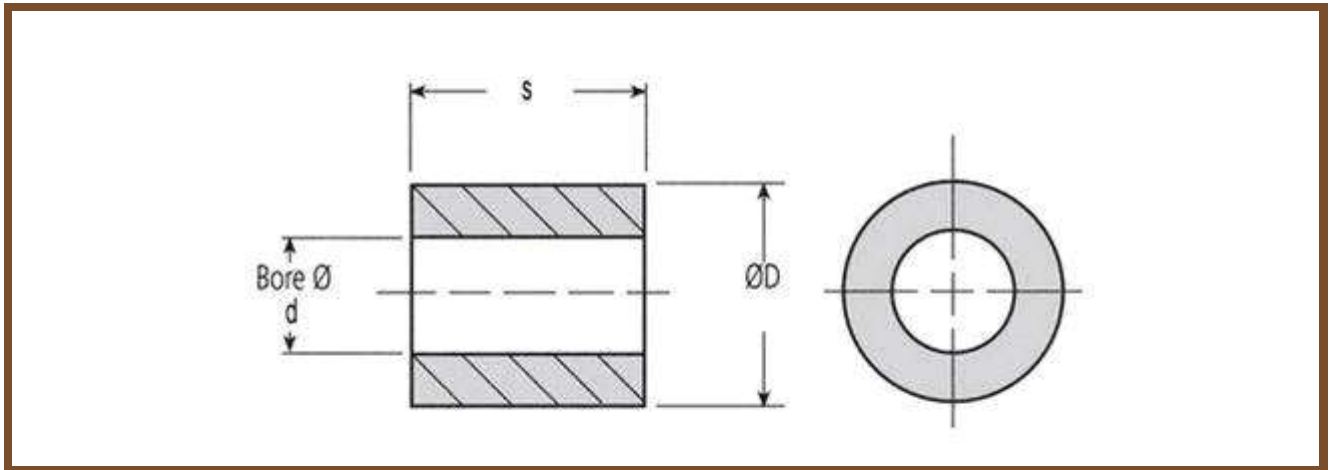
Solid Bronze Bushes

Includes cross reference to Fraser/Flocast part numbers



To find and order parts online, simply type the part number from this catalogue into the search box on any web page.

Diagram



Leaded Bronze - Continuous Cast
Grades C83600 (LG2) and C93200.

Material Composition (Approx.)

Tin: LG2 5%, C93200 7%

Zinc: LG2 5%, C93200 4%

Lead: LG2 5%, C93200 6%

Nickel: 2%

Copper: Balance

Hardness

LG2: 60HB, C93200 70HB

Breaking Load: LG2 220N/mm², C93200 270N/mm²

Elongation: 16%

Elastic Modulus: LG2 65-105 KN/mm², C93200 98-115 KN/mm²

Elastic Limit: LG2 90N/mm², C93200 120N/mm²

Tips shown at back of catalogue


ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
6.350 x 9.525 mm (0.250 x 0.375 in.)					
6.350	9.525	9.525		BP0064-0095-0095-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
6.350	9.525	12.700		BP0064-0095-0127-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
6.350	9.525	19.050		BP0064-0095-0191-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
6.350	9.525	25.400		BP0064-0095-0254-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
6.350	9.525	31.750		BP0064-0095-0318-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
7.938 x 11.113 mm (0.313 x 0.438 in.)					
7.938	11.113	19.050	FB3	BP0079-0111-0191-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
7.938	11.113	25.400	FB4	BP0079-0111-0254-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
7.938 x 12.700 mm (0.313 x 0.500 in.)					
7.938	12.700	19.050		BP0079-0127-0191-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
7.938	12.700	25.400		BP0079-0127-0254-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
7.938	12.700	31.750		BP0079-0127-0318-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000 x 10.000 mm (0.315 x 0.394 in.)					
8.000	10.000	10.000	FB9000	BP0080-0100-0100-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000	10.000	20.000	FB9001	BP0080-0100-0200-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000	10.000	30.000	FB9002	BP0080-0100-0300-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000	10.000	40.000	FB9003	BP0080-0100-0400-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000 x 12.000 mm (0.315 x 0.472 in.)					
8.000	12.000	10.000	FB9010	BP0080-0120-0100-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000	12.000	20.000	FB9011	BP0080-0120-0200-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000	12.000	30.000	FB9012	BP0080-0120-0300-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
8.000	12.000	40.000	FB9013	BP0080-0120-0400-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.000 x 12.000 mm (0.354 x 0.472 in.)					
9.000	12.000	4.000		BP0090-0120-0040-BLG	Available While Stocks Last then Special Order
+/-0.0254	-0.0200/-0.1000	+/-0.127			
9.525 x 12.700 mm (0.375 x 0.500 in.)					
9.525	12.700	12.700		BP0095-0127-0127-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525	12.700	15.880		BP0095-0127-0159-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525	12.700	19.050	FB10	BP0095-0127-0191-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525	12.700	25.400	FB11	BP0095-0127-0254-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525	12.700	31.750		BP0095-0127-0318-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525	12.700	38.100	FB13	BP0095-0127-0381-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525	12.700	50.800	FB12	BP0095-0127-0508-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525 x 14.288 mm (0.375 x 0.563 in.)					
9.525	14.288	25.400		BP0095-0143-0254-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			

Stocked or Short Delivery


Usually Available

Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
9.525 x 15.875 mm (0.375 x 0.625 in.)					
9.525	15.875	19.050		BP0095-0159-0191-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
9.525	15.875	25.400		BP0095-0159-0254-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
10.000 x 12.000 mm (0.394 x 0.472 in.)					
10.000	12.000	20.000	FB9020	BP0100-0120-0200-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
10.000	12.000	30.000	FB9021	BP0100-0120-0300-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
10.000	12.000	40.000	FB9022	BP0100-0120-0400-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
10.000 x 16.000 mm (0.394 x 0.630 in.)					
10.000	16.000	20.000	FB9030	BP0100-0160-0200-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
10.000	16.000	30.000	FB9031	BP0100-0160-0300-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
10.000	16.000	40.000	FB9032	BP0100-0160-0400-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
10.000	16.000	50.000	FB9033	BP0100-0160-0500-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113 x 14.288 mm (0.438 x 0.563 in.)					
11.113	14.288	19.050	FB19	BP0111-0143-0191-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113	14.288	25.400	FB20	BP0111-0143-0254-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113	14.288	38.100	FB22	BP0111-0143-0381-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113	14.288	50.800	FB25	BP0111-0143-0508-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113 x 15.875 mm (0.438 x 0.625 in.)					
11.113	15.875	25.400	FB36	BP0111-0159-0254-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113	15.875	38.100	FB27	BP0111-0159-0381-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113	15.875	50.800	FB29	BP0111-0159-0508-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113 x 17.463 mm (0.438 x 0.688 in.)					
11.113	17.463	25.400	FB39	BP0111-0175-0254-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113	17.463	38.100	FB30	BP0111-0175-0381-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
11.113	17.463	50.800	FB32	BP0111-0175-0508-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000 x 16.000 mm (0.472 x 0.630 in.)					
12.000	16.000	20.000	FB9040	BP0120-0160-0200-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000	16.000	30.000	FB9041	BP0120-0160-0300-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000	16.000	40.000	FB9042	BP0120-0160-0400-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000	16.000	50.000	FB9043	BP0120-0160-0500-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000 x 20.000 mm (0.472 x 0.787 in.)					
12.000	20.000	20.000		BP0120-0200-0200-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000	20.000	30.000	FB9051	BP0120-0200-0300-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000	20.000	40.000	FB9052	BP0120-0200-0400-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
12.000	20.000	50.000	FB9053	BP0120-0200-0500-BLG	Available While Stocks Last then Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			

 Stocked or Short Delivery

 Usually Available

 Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
12.700 x 14.288 mm		<i>(0.500 x 0.563 in.)</i>			
12.700 +/-0.0254	14.288 +0.0508/+0.0762	38.100 +/-0.127	FB100	BP0127-0143-0381-BLG	Special Order
12.700 x 15.875 mm		<i>(0.500 x 0.625 in.)</i>			
12.700 +/-0.0254	15.875 +0.0508/+0.0762	15.875 +/-0.127		BP0127-0159-0159-BC9	
12.700 +/-0.0254	15.875 +0.0508/+0.0762	19.050 +/-0.127	FB101	BP0127-0159-0191-BC9	
12.700 +/-0.0254	15.875 +0.0508/+0.0762	25.400 +/-0.127	FB102	BP0127-0159-0254-BC9	
12.700 +/-0.0254	15.875 +0.0508/+0.0762	31.750 +/-0.127	FB103	BP0127-0159-0318-BC9	
12.700 +/-0.0254	15.875 +0.0508/+0.0762	38.100 +/-0.127	FB104	BP0127-0159-0381-BC9	
12.700 +/-0.0254	15.875 +0.0508/+0.0762	50.800 +/-0.127	FB106	BP0127-0159-0508-BC9	
12.700 x 17.463 mm		<i>(0.500 x 0.688 in.)</i>			
12.700 +/-0.0254	17.463 +0.0508/+0.0762	25.400 +/-0.127	FB107	BP0127-0175-0254-BLG	Special Order
12.700 +/-0.0254	17.463 +0.0508/+0.0762	38.100 +/-0.127	FB110	BP0127-0175-0381-BLG	Special Order
12.700 +/-0.0254	17.463 +0.0508/+0.0762	50.800 +/-0.127	FB112	BP0127-0175-0508-BLG	Special Order
12.700 x 19.050 mm		<i>(0.500 x 0.750 in.)</i>			
12.700 +/-0.0254	19.050 +0.0508/+0.0762	19.050 +/-0.127	FB99	BP0127-0191-0191-BC9	
12.700 +/-0.0254	19.050 +0.0508/+0.0762	25.400 +/-0.127	FB113	BP0127-0191-0254-BC9	
12.700 +/-0.0254	19.050 +0.0508/+0.0762	31.750 +/-0.127		BP0127-0191-0318-BC9	
12.700 +/-0.0254	19.050 +0.0508/+0.0762	38.100 +/-0.127	FB115	BP0127-0191-0381-BC9	
12.700 +/-0.0254	19.050 +0.0508/+0.0762	44.450 +/-0.127	FB116	BP0127-0191-0445-BLG	Special Order
12.700 +/-0.0254	19.050 +0.0508/+0.0762	50.800 +/-0.127	FB117	BP0127-0191-0508-BC9	
12.700 +/-0.0254	19.050 +0.0508/+0.0762	63.500 +/-0.127	FB119	BP0127-0191-0635-BLG	Special Order
12.700 x 22.225 mm		<i>(0.500 x 0.875 in.)</i>			
12.700 +/-0.0254	22.225 +0.0508/+0.0762	38.100 +/-0.127	FB120	BP0127-0222-0381-BLG	Special Order
12.700 +/-0.0254	22.225 +0.0508/+0.0762	50.800 +/-0.127	FB121	BP0127-0222-0508-BLG	Available While Stocks Last then Special Order
12.700 x 25.400 mm		<i>(0.500 x 1.000 in.)</i>			
12.700 +/-0.0254	25.400 +0.0508/+0.0762	50.800 +/-0.127	FB122	BP0127-0254-0508-BLG	Special Order
14.288 x 17.463 mm		<i>(0.563 x 0.688 in.)</i>			
14.288 +/-0.0254	17.463 +0.0508/+0.0762	25.400 +/-0.127	FB200	BP0143-0175-0254-BLG	Special Order
14.288 +/-0.0254	17.463 +0.0508/+0.0762	38.100 +/-0.127	FB203	BP0143-0175-0381-BLG	Special Order
14.288 +/-0.0254	17.463 +0.0508/+0.0762	44.450 +/-0.127	FB206	BP0143-0175-0445-BLG	Available While Stocks Last then Special Order
14.288 +/-0.0254	17.463 +0.0508/+0.0762	50.800 +/-0.127	FB207	BP0143-0175-0508-BLG	Special Order
14.288 x 19.050 mm		<i>(0.563 x 0.750 in.)</i>			
14.288 +/-0.0254	19.050 +0.0508/+0.0762	25.400 +/-0.127	FB210	BP0143-0191-0254-BLG	Special Order
14.288 +/-0.0254	19.050 +0.0508/+0.0762	31.750 +/-0.127		BP0143-0191-0318-BC9	
14.288 +/-0.0254	19.050 +0.0508/+0.0762	38.100 +/-0.127	FB214	BP0143-0191-0381-BLG	Available While Stocks Last then Special Order
14.288 +/-0.0254	19.050 +0.0508/+0.0762	44.450 +/-0.127	FB216	BP0143-0191-0445-BLG	Special Order

Stocked or Short Delivery

Usually Available

Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
14.288 x 19.050 mm (0.563 x 0.750 in.)					
14.288 +/-0.0254	19.050 +0.0508/+0.0762	50.800 +/-0.127	FB217	BP0143-0191-0508-BLG	Special Order
14.288 +/-0.0254	19.050 +0.0508/+0.0762	57.150 +/-0.127	FB212	BP0143-0191-0572-BLG	Special Order
14.288 +/-0.0254	19.050 +0.0508/+0.0762	63.500 +/-0.127	FB220	BP0143-0191-0635-BLG	Special Order
14.288 x 20.638 mm (0.563 x 0.813 in.)					
14.288 +/-0.0254	20.638 +0.0508/+0.0762	25.400 +/-0.127	FB236	BP0143-0206-0254-BLG	Special Order
14.288 +/-0.0254	20.638 +0.0508/+0.0762	38.100 +/-0.127	FB222	BP0143-0206-0381-BLG	Special Order
14.288 +/-0.0254	20.638 +0.0508/+0.0762	50.800 +/-0.127	FB224	BP0143-0206-0508-BLG	Special Order
14.288 x 22.225 mm (0.563 x 0.875 in.)					
14.288 +/-0.0254	22.225 +0.0508/+0.0762	25.400 +/-0.127	FB237	BP0143-0222-0254-BLG	Special Order
14.288 +/-0.0254	22.225 +0.0508/+0.0762	38.100 +/-0.127	FB227	BP0143-0222-0381-BLG	Special Order
14.288 +/-0.0254	22.225 +0.0508/+0.0762	44.450 +/-0.127	FB228	BP0143-0222-0445-BLG	Special Order
14.288 x 25.400 mm (0.563 x 1.000 in.)					
14.288 +/-0.0254	25.400 +0.0508/+0.0762	38.100 +/-0.127	FB231	BP0143-0254-0381-BLG	Special Order
14.288 +/-0.0254	25.400 +0.0508/+0.0762	50.800 +/-0.127	FB232	BP0143-0254-0508-BLG	Special Order
15.875 x 17.463 mm (0.625 x 0.688 in.)					
15.875 +/-0.0254	17.463 +0.0508/+0.0762	38.100 +/-0.127	FB301	BP0159-0175-0381-BLG	Available While Stocks Last then Special Order
15.875 +/-0.0254	17.463 +0.0508/+0.0762	50.800 +/-0.127	FB302	BP0159-0175-0508-BLG	Special Order
15.875 x 19.050 mm (0.625 x 0.750 in.)					
15.875 +/-0.0254	19.050 +0.0508/+0.0762	12.700 +/-0.127		BP0159-0191-0127-BC9	
15.875 +/-0.0254	19.050 +0.0508/+0.0762	19.050 +/-0.127	FB303	BP0159-0191-0191-BC9	
15.875 +/-0.0254	19.050 +0.0508/+0.0762	25.400 +/-0.127	FB304	BP0159-0191-0254-BC9	
15.875 +/-0.0254	19.050 +0.0508/+0.0762	31.750 +/-0.127	FB305	BP0159-0191-0318-BC9	
15.875 +/-0.0254	19.050 +0.0508/+0.0762	38.100 +/-0.127	FB307	BP0159-0191-0381-BC9	
15.875 +/-0.0254	19.050 +0.0508/+0.0762	44.450 +/-0.127	FB308	BP0159-0191-0445-BC9	
15.875 +/-0.0254	19.050 +0.0508/+0.0762	50.800 +/-0.127	FB309	BP0159-0191-0508-BC9	
15.875 +/-0.0254	19.050 +0.0508/+0.0762	57.150 +/-0.127	FB310	BP0159-0191-0572-BLG	Special Order
15.875 +/-0.0254	19.050 +0.0508/+0.0762	63.500 +/-0.127	FB311	BP0159-0191-0635-BLG	Special Order
15.875 +/-0.0254	19.050 +0.0508/+0.0762	76.200 +/-0.127	FB312	BP0159-0191-0762-BLG	Special Order
15.875 x 20.638 mm (0.625 x 0.813 in.)					
15.875 +/-0.0254	20.638 +0.0508/+0.0762	25.400 +/-0.127	FB313	BP0159-0206-0254-BC9	
15.875 +/-0.0254	20.638 +0.0508/+0.0762	38.100 +/-0.127	FB315	BP0159-0206-0381-BLG	Special Order
15.875 +/-0.0254	20.638 +0.0508/+0.0762	50.800 +/-0.127	FB317	BP0159-0206-0508-BLG	Available While Stocks Last then Special Order
15.875 +/-0.0254	20.638 +0.0508/+0.0762	63.500 +/-0.127	FB319	BP0159-0206-0635-BLG	Special Order
15.875 x 22.225 mm (0.625 x 0.875 in.)					
15.875 +/-0.0254	22.225 +0.0508/+0.0762	19.050 +/-0.127	FB321	BP0159-0222-0191-BC9	

Stocked or Short Delivery


Usually Available

Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
15.875 x 22.225 mm (0.625 x 0.875 in.)					
15.875 +/-0.0254	22.225 +0.0508/+0.0762	25.400 +/-0.127	FB322	BP0159-0222-0254-BC9	
15.875 +/-0.0254	22.225 +0.0508/+0.0762	31.750 +/-0.127	FB324	BP0159-0222-0318-BLG	Special Order
15.875 +/-0.0254	22.225 +0.0508/+0.0762	38.100 +/-0.127	FB325	BP0159-0222-0381-BLG	Special Order
15.875 +/-0.0254	22.225 +0.0508/+0.0762	44.450 +/-0.127	FB326	BP0159-0222-0445-BLG	Special Order
15.875 +/-0.0254	22.225 +0.0508/+0.0762	50.800 +/-0.127	FB328	BP0159-0222-0508-BLG	Available While Stocks Last then Special Order
15.875 +/-0.0254	22.225 +0.0508/+0.0762	57.150 +/-0.127	FB329	BP0159-0222-0572-BLG	Special Order
15.875 +/-0.0254	22.225 +0.0508/+0.0762	63.500 +/-0.127	FB330	BP0159-0222-0635-BLG	Special Order
15.875 +/-0.0254	22.225 +0.0508/+0.0762	76.200 +/-0.127	FB331	BP0159-0222-0762-BLG	Special Order
15.875 x 25.400 mm (0.625 x 1.000 in.)					
15.875 +/-0.0254	25.400 +0.0508/+0.0762	25.400 +/-0.127		BP0159-0254-0254-BC9	
15.875 +/-0.0254	25.400 +0.0508/+0.0762	31.750 +/-0.127	FB334	BP0159-0254-0318-BLG	Available While Stocks Last then Special Order
15.875 +/-0.0254	25.400 +0.0508/+0.0762	50.800 +/-0.127	FB335	BP0159-0254-0508-BC9	
15.875 +/-0.0254	25.400 +0.0508/+0.0762	63.500 +/-0.127	FB337	BP0159-0254-0635-BLG	Special Order
15.875 x 28.575 mm (0.625 x 1.125 in.)					
15.875 +/-0.0254	28.575 +0.0508/+0.0762	38.100 +/-0.127		BP0159-0286-0381-BC9	
16.000 x 20.000 mm (0.630 x 0.787 in.)					
16.000 +/-0.0254	20.000 +0.0508/+0.0762	20.000 +/-0.127	FB9060	BP0160-0200-0200-BLG	Available While Stocks Last then Special Order
16.000 +/-0.0254	20.000 +0.0508/+0.0762	30.000 +/-0.127	FB9061	BP0160-0200-0300-BLG	Special Order
16.000 +/-0.0254	20.000 +0.0508/+0.0762	40.000 +/-0.127	FB9062	BP0160-0200-0400-BLG	Special Order
16.000 +/-0.0254	20.000 +0.0508/+0.0762	50.000 +/-0.127	FB9063	BP0160-0200-0500-BLG	Special Order
16.000 +/-0.0254	20.000 +0.0508/+0.0762	60.000 +/-0.127	FB9064	BP0160-0200-0600-BLG	Available While Stocks Last then Special Order
16.000 x 24.000 mm (0.630 x 0.945 in.)					
16.000 +/-0.0254	24.000 +0.0508/+0.0762	30.000 +/-0.127	FB9070	BP0160-0240-0300-BLG	Available While Stocks Last then Special Order
16.000 +/-0.0254	24.000 +0.0508/+0.0762	50.000 +/-0.127	FB9072	BP0160-0240-0500-BLG	Available While Stocks Last then Special Order
16.000 +/-0.0254	24.000 +0.0508/+0.0762	60.000 +/-0.127	FB9073	BP0160-0240-0600-BLG	Special Order
16.000 +/-0.0254	24.000 +0.0508/+0.0762	80.000 +/-0.127	FB9074	BP0160-0240-0800-BLG	Special Order
17.463 x 20.638 mm (0.688 x 0.813 in.)					
17.463 +/-0.0254	20.638 +0.0508/+0.0762	25.400 +/-0.127	FB400	BP0175-0206-0254-BLG	Special Order
17.463 +/-0.0254	20.638 +0.0508/+0.0762	38.100 +/-0.127	FB401	BP0175-0206-0381-BLG	Available While Stocks Last then Special Order
17.463 +/-0.0254	20.638 +0.0508/+0.0762	50.800 +/-0.127	FB403	BP0175-0206-0508-BLG	Special Order
17.463 x 22.225 mm (0.688 x 0.875 in.)					
17.463 +/-0.0254	22.225 +0.0508/+0.0762	25.400 +/-0.127	FB406	BP0175-0222-0254-BLG	Special Order
17.463 +/-0.0254	22.225 +0.0508/+0.0762	50.800 +/-0.127	FB409	BP0175-0222-0508-BLG	Available While Stocks Last then Special Order
17.463 x 23.813 mm (0.688 x 0.938 in.)					
17.463 +/-0.0254	23.813 +0.0508/+0.0762	25.400 +/-0.127	FB412	BP0175-0238-0254-BLG	Available While Stocks Last then Special Order

 Stocked or Short Delivery

 Usually Available

 Long delivery or not in current production


ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
17.463 x 23.813 mm (0.688 x 0.938 in.)					
17.463 +/-0.0254	23.813 +0.0508/+0.0762	38.100 +/-0.127	FB413	BP0175-0238-0381-BLG	Special Order
17.463 +/-0.0254	23.813 +0.0508/+0.0762	50.800 +/-0.127	FB415	BP0175-0238-0508-BLG	Special Order
17.463 x 25.400 mm (0.688 x 1.000 in.)					
17.463 +/-0.0254	25.400 +0.0508/+0.0762	50.800 +/-0.127	FB418	BP0175-0254-0508-BLG	Special Order
19.050 x 20.638 mm (0.750 x 0.813 in.)					
19.050 +/-0.0254	20.638 +0.0508/+0.0762	38.100 +/-0.127	FB500	BP0191-0206-0381-BLG	Special Order
19.050 x 22.225 mm (0.750 x 0.875 in.)					
19.050 +/-0.0254	22.225 +0.0508/+0.0762	19.050 +/-0.127	FB501	BP0191-0222-0191-BC9	
19.050 +/-0.0254	22.225 +0.0508/+0.0762	25.400 +/-0.127	FB502	BP0191-0222-0254-BC9	
19.050 +/-0.0254	22.225 +0.0508/+0.0762	31.750 +/-0.127	FB504	BP0191-0222-0318-BC9	
19.050 +/-0.0254	22.225 +0.0508/+0.0762	38.100 +/-0.127	FB505	BP0191-0222-0381-BC9	
19.050 +/-0.0254	22.225 +0.0508/+0.0762	50.800 +/-0.127	FB507	BP0191-0222-0508-BLG	Special Order
19.050 +/-0.0254	22.225 +0.0508/+0.0762	63.500 +/-0.127	FB510	BP0191-0222-0635-BLG	Special Order
19.050 x 23.813 mm (0.750 x 0.938 in.)					
19.050 +/-0.0254	23.813 +0.0508/+0.0762	25.400 +/-0.127	FB511	BP0191-0238-0254-BLG	Special Order
19.050 +/-0.0254	23.813 +0.0508/+0.0762	38.100 +/-0.127	FB515	BP0191-0238-0381-BLG	Special Order
19.050 +/-0.0254	23.813 +0.0508/+0.0762	50.800 +/-0.127	FB518	BP0191-0238-0508-BLG	Special Order
19.050 +/-0.0254	23.813 +0.0508/+0.0762	57.150 +/-0.127	FB519	BP0191-0238-0572-BLG	Special Order
19.050 +/-0.0254	23.813 +0.0508/+0.0762	63.500 +/-0.127	FB520	BP0191-0238-0635-BLG	Special Order
19.050 x 25.400 mm (0.750 x 1.000 in.)					
19.050 +/-0.0254	25.400 +0.0508/+0.0762	19.050 +/-0.127	FB490	BP0191-0254-0191-BC9	
19.050 +/-0.0254	25.400 +0.0508/+0.0762	25.400 +/-0.127	FB522	BP0191-0254-0254-BC9	
19.050 +/-0.0254	25.400 +0.0508/+0.0762	28.575 +/-0.127		BP0191-0254-0286-BC9	
19.050 +/-0.0254	25.400 +0.0508/+0.0762	31.750 +/-0.127	FB523	BP0191-0254-0318-BC9	
19.050 +/-0.0254	25.400 +0.0508/+0.0762	38.100 +/-0.127	FB524	BP0191-0254-0381-BC9	
19.050 +/-0.0254	25.400 +0.0508/+0.0762	44.450 +/-0.127	FB525	BP0191-0254-0445-BLG	Special Order
19.050 +/-0.0254	25.400 +0.0508/+0.0762	50.800 +/-0.127	FB526	BP0191-0254-0508-BC9	
19.050 +/-0.0254	25.400 +0.0508/+0.0762	57.150 +/-0.127	FB528	BP0191-0254-0572-BC9	
19.050 +/-0.0254	25.400 +0.0508/+0.0762	63.500 +/-0.127	FB529	BP0191-0254-0635-BLG	Special Order
19.050 +/-0.0254	25.400 +0.0508/+0.0762	76.200 +/-0.127	FB530	BP0191-0254-0762-BLG	Special Order
19.050 x 26.988 mm (0.750 x 1.063 in.)					
19.050 +/-0.0254	26.988 +0.0508/+0.0762	50.800 +/-0.127	FB531	BP0191-0270-0508-BLG	Special Order
19.050 +/-0.0254	26.988 +0.0508/+0.0762	63.500 +/-0.127	FB532	BP0191-0270-0635-BLG	Special Order
19.050 x 28.575 mm (0.750 x 1.125 in.)					
19.050 +/-0.0254	28.575 +0.0508/+0.0762	38.100 +/-0.127	FB533	BP0191-0286-0381-BC9	

Stocked or Short Delivery


Usually Available

Long delivery or not in current production


ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
19.050 x 28.575 mm (0.750 x 1.125 in.)					
19.050 +/-0.0254	28.575 +0.0508/+0.0762	50.800 +/-0.127	FB534	BP0191-0286-0508-BLG	Special Order
19.050 +/-0.0254	28.575 +0.0508/+0.0762	63.500 +/-0.127	FB536	BP0191-0286-0635-BLG	Special Order
19.050 +/-0.0254	28.575 +0.0508/+0.0762	76.200 +/-0.127	FB537	BP0191-0286-0762-BLG	Special Order
19.050 x 31.750 mm (0.750 x 1.250 in.)					
19.050 +/-0.0254	31.750 +0.0508/+0.0762	63.500 +/-0.127	FB538	BP0191-0318-0635-BLG	Special Order
20.000 x 24.000 mm (0.787 x 0.945 in.)					
20.000 +/-0.0254	24.000 +0.0508/+0.0762	30.000 +/-0.127	FB9080	BP0200-0240-0300-BLG	Special Order
20.000 +/-0.0254	24.000 +0.0508/+0.0762	40.000 +/-0.127	FB9081	BP0200-0240-0400-BLG	Special Order
20.000 +/-0.0254	24.000 +0.0508/+0.0762	50.000 +/-0.127	FB9082	BP0200-0240-0500-BLG	Special Order
20.000 +/-0.0254	24.000 +0.0508/+0.0762	60.000 +/-0.127	FB9083	BP0200-0240-0600-BLG	Special Order
20.000 +/-0.0254	24.000 +0.0508/+0.0762	80.000 +/-0.127	FB9084	BP0200-0240-0800-BLG	Special Order
20.000 x 30.000 mm (0.787 x 1.181 in.)					
20.000 +/-0.0254	30.000 +0.0508/+0.0762	30.000 +/-0.127	FB9090	BP0200-0300-0300-BLG	Special Order
20.000 +/-0.0254	30.000 +0.0508/+0.0762	40.000 +/-0.127	FB9091	BP0200-0300-0400-BLG	Special Order
20.000 +/-0.0254	30.000 +0.0508/+0.0762	50.000 +/-0.127	FB9092	BP0200-0300-0500-BLG	Available While Stocks Last then Special Order
20.000 +/-0.0254	30.000 +0.0508/+0.0762	60.000 +/-0.127	FB9093	BP0200-0300-0600-BLG	Special Order
20.000 +/-0.0254	30.000 +0.0508/+0.0762	80.000 +/-0.127	FB9094	BP0200-0300-0800-BLG	Special Order
20.638 x 23.813 mm (0.813 x 0.938 in.)					
20.638 +/-0.0254	23.813 +0.0508/+0.0762	25.400 +/-0.127	FB600	BP0206-0238-0254-BLG	Special Order
20.638 x 25.400 mm (0.813 x 1.000 in.)					
20.638 +/-0.0254	25.400 +0.0508/+0.0762	38.100 +/-0.127	FB605	BP0206-0254-0381-BLG	Special Order
20.638 +/-0.0254	25.400 +0.0508/+0.0762	50.800 +/-0.127	FB606	BP0206-0254-0508-BLG	Special Order
20.638 +/-0.0254	25.400 +0.0508/+0.0762	63.500 +/-0.127	FB607	BP0206-0254-0635-BLG	Special Order
20.638 x 26.988 mm (0.813 x 1.063 in.)					
20.638 +/-0.0254	26.988 +0.0508/+0.0762	50.800 +/-0.127	FB608	BP0206-0270-0508-BLG	Special Order
20.638 +/-0.0254	26.988 +0.0508/+0.0762	63.500 +/-0.127	FB610	BP0206-0270-0635-BLG	Special Order
20.638 +/-0.0254	26.988 +0.0508/+0.0762	76.200 +/-0.127	FB612	BP0206-0270-0762-BLG	Special Order
22.225 x 25.400 mm (0.875 x 1.000 in.)					
22.225 +/-0.0254	25.400 +0.0508/+0.0762	25.400 +/-0.127	FB700	BP0222-0254-0254-BC9	
22.225 +/-0.0254	25.400 +0.0508/+0.0762	31.750 +/-0.127	FB702	BP0222-0254-0318-BLG	Special Order
22.225 +/-0.0254	25.400 +0.0508/+0.0762	38.100 +/-0.127	FB703	BP0222-0254-0381-BLG	Special Order
22.225 +/-0.0254	25.400 +0.0508/+0.0762	50.800 +/-0.127	FB705	BP0222-0254-0508-BC9	
22.225 +/-0.0254	25.400 +0.0508/+0.0762	63.500 +/-0.127	FB707	BP0222-0254-0635-BLG	Special Order
22.225 +/-0.0254	25.400 +0.0508/+0.0762	76.200 +/-0.127	FB708	BP0222-0254-0762-BLG	Special Order

 Stocked or Short Delivery


 Usually Available

 Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
22.225 x 26.988 mm (0.875 x 1.063 in.)					
22.225 +/-0.0254	26.988 +0.0508/+0.0762	25.400 +/-0.127	FB709	BP0222-0270-0254-BLG	Special Order
22.225 +/-0.0254	26.988 +0.0508/+0.0762	38.100 +/-0.127	FB711	BP0222-0270-0381-BLG	Special Order
22.225 +/-0.0254	26.988 +0.0508/+0.0762	50.800 +/-0.127	FB713	BP0222-0270-0508-BLG	Special Order
22.225 +/-0.0254	26.988 +0.0508/+0.0762	63.500 +/-0.127	FB715	BP0222-0270-0635-BLG	Special Order
22.225 x 28.575 mm (0.875 x 1.125 in.)					
22.225 +/-0.0254	28.575 +0.0508/+0.0762	31.750 +/-0.127	FB717	BP0222-0286-0318-BLG	Special Order
22.225 +/-0.0254	28.575 +0.0508/+0.0762	38.100 +/-0.127	FB718	BP0222-0286-0381-BLG	Special Order
22.225 +/-0.0254	28.575 +0.0508/+0.0762	50.800 +/-0.127	FB720	BP0222-0286-0508-BLG	Special Order
22.225 +/-0.0254	28.575 +0.0508/+0.0762	57.150 +/-0.127	FB721	BP0222-0286-0572-BLG	Special Order
22.225 +/-0.0254	28.575 +0.0508/+0.0762	63.500 +/-0.127	FB722	BP0222-0286-0635-BLG	Special Order
22.225 +/-0.0254	28.575 +0.0508/+0.0762	76.200 +/-0.127	FB723	BP0222-0286-0762-BLG	Special Order
22.225 x 31.750 mm (0.875 x 1.250 in.)					
22.225 +/-0.0254	31.750 +0.0508/+0.0762	38.100 +/-0.127	FB725	BP0222-0318-0381-BLG	Special Order
22.225 +/-0.0254	31.750 +0.0508/+0.0762	50.800 +/-0.127	FB726	BP0222-0318-0508-BLG	Special Order
22.225 +/-0.0254	31.750 +0.0508/+0.0762	63.500 +/-0.127	FB728	BP0222-0318-0635-BLG	Special Order
22.225 +/-0.0254	31.750 +0.0508/+0.0762	76.200 +/-0.127	FB729	BP0222-0318-0762-BLG	Special Order
22.225 x 34.925 mm (0.875 x 1.375 in.)					
22.225 +/-0.0254	34.925 +0.0508/+0.0762	76.200 +/-0.127	FB730	BP0222-0349-0762-BLG	Special Order
23.813 x 26.988 mm (0.938 x 1.063 in.)					
23.813 +/-0.0254	26.988 +0.0508/+0.0762	38.100 +/-0.127	FB731	BP0238-0270-0381-BLG	Special Order
23.813 +/-0.0254	26.988 +0.0508/+0.0762	50.800 +/-0.127	FB732	BP0238-0270-0508-BLG	Special Order
23.813 +/-0.0254	26.988 +0.0508/+0.0762	63.500 +/-0.127	FB733	BP0238-0270-0635-BLG	Special Order
23.813 x 28.575 mm (0.938 x 1.125 in.)					
23.813 +/-0.0254	28.575 +0.0508/+0.0762	31.750 +/-0.127	FB734	BP0238-0286-0318-BLG	Special Order
23.813 +/-0.0254	28.575 +0.0508/+0.0762	57.150 +/-0.127	FB735	BP0238-0286-0572-BLG	Special Order
23.813 +/-0.0254	28.575 +0.0508/+0.0762	76.200 +/-0.127	FB736	BP0238-0286-0762-BLG	Special Order
23.813 x 30.163 mm (0.938 x 1.188 in.)					
23.813 +/-0.0254	30.163 +0.0508/+0.0762	50.800 +/-0.127	FB738	BP0238-0302-0508-BLG	Special Order
25.000 x 30.000 mm (0.984 x 1.181 in.)					
25.000 +/-0.0254	30.000 +0.0508/+0.0762	30.000 +/-0.127	FB9100	BP0250-0300-0300-BLG	Available While Stocks Last then Special Order
25.000 +/-0.0254	30.000 +0.0508/+0.0762	40.000 +/-0.127	FB9101	BP0250-0300-0400-BLG	Special Order
25.000 +/-0.0254	30.000 +0.0508/+0.0762	50.000 +/-0.127	FB9102	BP0250-0300-0500-BLG	Special Order
25.000 +/-0.0254	30.000 +0.0508/+0.0762	60.000 +/-0.127	FB9103	BP0250-0300-0600-BLG	Special Order
25.000 +/-0.0254	30.000 +0.0508/+0.0762	80.000 +/-0.127	FB9104	BP0250-0300-0800-BLG	Special Order
25.000 +/-0.0254	30.000 +0.0508/+0.0762	100.000 +/-0.127	FB9105	BP0250-0300-1000-BLG	Special Order

 Stocked or Short Delivery

 Usually Available

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
ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
25.000 x 35.000 mm (0.984 x 1.378 in.)					
25.000 +/-0.0254	35.000 +0.0508/+0.0762	30.000 +/-0.127	FB9110	BP0250-0350-0300-BLG	Special Order
25.000 +/-0.0254	35.000 +0.0508/+0.0762	40.000 +/-0.127	FB9111	BP0250-0350-0400-BLG	Special Order
25.000 +/-0.0254	35.000 +0.0508/+0.0762	50.000 +/-0.127	FB9112	BP0250-0350-0500-BLG	Special Order
25.000 +/-0.0254	35.000 +0.0508/+0.0762	60.000 +/-0.127	FB9113	BP0250-0350-0600-BLG	Available While Stocks Last then Special Order
25.000 +/-0.0254	35.000 +0.0508/+0.0762	80.000 +/-0.127	FB9114	BP0250-0350-0800-BLG	Special Order
25.000 +/-0.0254	35.000 +0.0508/+0.0762	100.000 +/-0.127	FB9445	BP0250-0350-1000-BLG	Special Order
25.400 x 26.988 mm (1.000 x 1.063 in.)					
25.400 +/-0.0254	26.988 +0.0508/+0.0762	38.100 +/-0.127	FB800	BP0254-0270-0381-BLG	Special Order
25.400 x 28.575 mm (1.000 x 1.125 in.)					
25.400 +/-0.0254	28.575 +0.0508/+0.0762	25.400 +/-0.127	FB801	BP0254-0286-0254-BC9	
25.400 +/-0.0254	28.575 +0.0508/+0.0762	31.750 +/-0.127	FB802	BP0254-0286-0318-BLG	Special Order
25.400 +/-0.0254	28.575 +0.0508/+0.0762	38.100 +/-0.127	FB803	BP0254-0286-0381-BC9	
25.400 +/-0.0254	28.575 +0.0508/+0.0762	50.800 +/-0.127	FB805	BP0254-0286-0508-BLG	Special Order
25.400 +/-0.0254	28.575 +0.0508/+0.0762	63.500 +/-0.127	FB806	BP0254-0286-0635-BLG	Available While Stocks Last then Special Order
25.400 +/-0.0254	28.575 +0.0508/+0.0762	76.200 +/-0.127	FB807	BP0254-0286-0762-BLG	Special Order
25.400 x 30.163 mm (1.000 x 1.188 in.)					
25.400 +/-0.0254	30.163 +0.0508/+0.0762	38.100 +/-0.127	FB808	BP0254-0302-0381-BLG	Special Order
25.400 +/-0.0254	30.163 +0.0508/+0.0762	50.800 +/-0.127	FB809	BP0254-0302-0508-BLG	Special Order
25.400 +/-0.0254	30.163 +0.0508/+0.0762	63.500 +/-0.127	FB810	BP0254-0302-0635-BLG	Available While Stocks Last then Special Order
25.400 x 31.750 mm (1.000 x 1.250 in.)					
25.400 +/-0.0254	31.750 +0.0508/+0.0762	19.050 +/-0.127		BP0254-0318-0191-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	25.400 +/-0.127	FB811	BP0254-0318-0254-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	28.580 +/-0.127	FB812	BP0254-0318-0286-BLG	Special Order
25.400 +/-0.0254	31.750 +0.0508/+0.0762	31.750 +/-0.127	FB813	BP0254-0318-0318-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	38.100 +/-0.127	FB814	BP0254-0318-0381-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	44.450 +/-0.127	FB815	BP0254-0318-0445-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	50.800 +/-0.127	FB816	BP0254-0318-0508-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	63.500 +/-0.127	FB818	BP0254-0318-0635-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	76.200 +/-0.127	FB820	BP0254-0318-0762-BC9	
25.400 +/-0.0254	31.750 +0.0508/+0.0762	88.900 +/-0.127	FB821	BP0254-0318-0889-BLG	Special Order
25.400 +/-0.0254	31.750 +0.0508/+0.0762	101.600 +/-0.127	FB822	BP0254-0318-1016-BLG	Special Order
25.400 x 34.925 mm (1.000 x 1.375 in.)					
25.400 +/-0.0254	34.925 +0.0508/+0.0762	25.400 +/-0.127		BP0254-0349-0254-BC9	
25.400 +/-0.0254	34.925 +0.0508/+0.0762	38.100 +/-0.127	FB827	BP0254-0349-0381-BC9	
25.400 +/-0.0254	34.925 +0.0508/+0.0762	50.800 +/-0.127	FB823	BP0254-0349-0508-BLG	Special Order

Stocked or Short Delivery


Usually Available

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
ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
25.400 x 34.925 mm (1.000 x 1.375 in.)					
25.400 +/-0.0254	34.925 +0.0508/+0.0762	63.500 +/-0.127	FB824	BP0254-0349-0635-BLG	Special Order
25.400 +/-0.0254	34.925 +0.0508/+0.0762	76.200 +/-0.127	FB825	BP0254-0349-0762-BLG	Special Order
25.400 x 38.100 mm (1.000 x 1.500 in.)					
25.400 +/-0.0254	38.100 +0.0508/+0.0762	38.100 +/-0.127		BP0254-0381-0381-BC9	
25.400 +/-0.0254	38.100 +0.0508/+0.0762	50.800 +/-0.127		BP0254-0381-0508-BC9	
25.400 +/-0.0254	38.100 +0.0508/+0.0762	76.200 +/-0.127		BP0254-0381-0762-BC9	
25.400 +/-0.0254	38.100 +0.0508/+0.0762	101.600 +/-0.127		BP0254-0381-1016-BC9	
28.575 x 31.750 mm (1.125 x 1.250 in.)					
28.575 +/-0.0254	31.750 +0.0508/+0.0762	31.750 +/-0.127	FB900	BP0286-0318-0318-BLG	Available While Stocks Last then Special Order
28.575 +/-0.0254	31.750 +0.0508/+0.0762	44.450 +/-0.127	FB901	BP0286-0318-0445-BLG	Special Order
28.575 +/-0.0254	31.750 +0.0508/+0.0762	57.150 +/-0.127	FB902	BP0286-0318-0572-BLG	Special Order
28.575 +/-0.0254	31.750 +0.0508/+0.0762	69.850 +/-0.127	FB903	BP0286-0318-0699-BLG	Special Order
28.575 x 34.925 mm (1.125 x 1.375 in.)					
28.575 +/-0.0254	34.925 +0.0508/+0.0762	25.400 +/-0.127		BP0286-0349-0254-BC9	
28.575 +/-0.0254	34.925 +0.0508/+0.0762	44.450 +/-0.127		BP0286-0349-0445-BC9	
28.575 +/-0.0254	34.925 +0.0508/+0.0762	50.800 +/-0.127	FB904	BP0286-0349-0508-BC9	
28.575 +/-0.0254	34.925 +0.0508/+0.0762	76.200 +/-0.127	FB906	BP0286-0349-0762-BLG	Special Order
28.575 +/-0.0254	34.925 +0.0508/+0.0762	88.900 +/-0.127	FB907	BP0286-0349-0889-BLG	Special Order
28.575 +/-0.0254	34.925 +0.0508/+0.0762	101.600 +/-0.127	FB908	BP0286-0349-1016-BC9	
28.575 x 38.100 mm (1.125 x 1.500 in.)					
28.575 +/-0.0254	38.100 +0.0508/+0.0762	76.200 +/-0.127	FB909	BP0286-0381-0762-BLG	Special Order
30.000 x 35.000 mm (1.181 x 1.378 in.)					
30.000 +/-0.0254	35.000 +0.0508/+0.0762	30.000 +/-0.127	FB9120	BP0300-0350-0300-BLG	Special Order
30.000 +/-0.0254	35.000 +0.0508/+0.0762	40.000 +/-0.127	FB9121	BP0300-0350-0400-BLG	Special Order
30.000 +/-0.0254	35.000 +0.0508/+0.0762	50.000 +/-0.127	FB9122	BP0300-0350-0500-BLG	Special Order
30.000 +/-0.0254	35.000 +0.0508/+0.0762	60.000 +/-0.127	FB9123	BP0300-0350-0600-BLG	Special Order
30.000 +/-0.0254	35.000 +0.0508/+0.0762	80.000 +/-0.127	FB9124	BP0300-0350-0800-BLG	Special Order
30.000 +/-0.0254	35.000 +0.0508/+0.0762	100.000 +/-0.127	FB9125	BP0300-0350-1000-BLG	Special Order
30.000 x 40.000 mm (1.181 x 1.575 in.)					
30.000 +/-0.0254	40.000 +0.0508/+0.0762	30.000 +/-0.127	FB9130	BP0300-0400-0300-BLG	Special Order
30.000 +/-0.0254	40.000 +0.0508/+0.0762	40.000 +/-0.127	FB9131	BP0300-0400-0400-BLG	Special Order
30.000 +/-0.0254	40.000 +0.0508/+0.0762	50.000 +/-0.127	FB9132	BP0300-0400-0500-BLG	Special Order
30.000 +/-0.0254	40.000 +0.0508/+0.0762	60.000 +/-0.127	FB9133	BP0300-0400-0600-BLG	Special Order
30.000 +/-0.0254	40.000 +0.0508/+0.0762	80.000 +/-0.127	FB9134	BP0300-0400-0800-BLG	Special Order
30.000 +/-0.0254	40.000 +0.0508/+0.0762	100.000 +/-0.127	FB9135	BP0300-0400-1000-BLG	Special Order

 Stocked or Short Delivery


 Usually Available

 Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
31.750 x 34.925 mm (1.250 x 1.375 in.)					
31.750 +/-0.0254	34.925 +0.0508/+0.0762	38.100 +/-0.127	FB1000	BP0318-0349-0381-BLG	Special Order
31.750 +/-0.0254	34.925 +0.0508/+0.0762	76.200 +/-0.127	FB1001	BP0318-0349-0762-BLG	Special Order
31.750 x 38.100 mm (1.250 x 1.500 in.)					
31.750 +/-0.0254	38.100 +0.0508/+0.0762	25.400 +/-0.127	FB912	BP0318-0381-0254-BLG	Special Order
31.750 +/-0.0254	38.100 +0.0508/+0.0762	38.100 +/-0.127	FB914	BP0318-0381-0381-BC9	
31.750 +/-0.0254	38.100 +0.0508/+0.0762	44.450 +/-0.127	FB1002	BP0318-0381-0445-BLG	Special Order
31.750 +/-0.0254	38.100 +0.0508/+0.0762	50.800 +/-0.127	FB1003	BP0318-0381-0508-BC9	
31.750 +/-0.0254	38.100 +0.0508/+0.0762	63.500 +/-0.127	FB1004	BP0318-0381-0635-BLG	Special Order
31.750 +/-0.0254	38.100 +0.0508/+0.0762	76.200 +/-0.127	FB1005	BP0318-0381-0762-BC9	
31.750 +/-0.0254	38.100 +0.0508/+0.0762	88.900 +/-0.127	FB1007	BP0318-0381-0889-BLG	Special Order
31.750 +/-0.0254	38.100 +0.0508/+0.0762	101.600 +/-0.127	FB1008	BP0318-0381-1016-BC9	
31.750 x 41.275 mm (1.250 x 1.625 in.)					
31.750 +/-0.0254	41.275 +0.0508/+0.0762	44.450 +/-0.127	FB1009	BP0318-0413-0445-BLG	Special Order
33.338 x 41.275 mm (1.313 x 1.625 in.)					
33.338 +/-0.0254	41.275 +0.0508/+0.0762	63.500 +/-0.127		BP0333-0413-0635-BC9	
34.925 x 41.275 mm (1.375 x 1.625 in.)					
34.925 +/-0.0254	41.275 +0.0508/+0.0762	50.800 +/-0.127	FB1010	BP0349-0413-0508-BLG	Special Order
34.925 +/-0.0254	41.275 +0.0508/+0.0762	76.200 +/-0.127	FB1011	BP0349-0413-0762-BC9	
34.925 +/-0.0254	41.275 +0.0508/+0.0762	101.600 +/-0.127		BP0349-0413-1016-BLG	Special Order
34.925 x 44.450 mm (1.375 x 1.750 in.)					
34.925 +/-0.0254	44.450 +0.0508/+0.0762	101.600 +/-0.127	FB1012	BP0349-0445-1016-BLG	Special Order
35.000 x 40.000 mm (1.378 x 1.575 in.)					
35.000 +/-0.0254	40.000 +0.0508/+0.0762	40.000 +/-0.127	FB9140	BP0350-0400-0400-BLG	Special Order
35.000 +/-0.0254	40.000 +0.0508/+0.0762	50.000 +/-0.127	FB9141	BP0350-0400-0500-BLG	Special Order
35.000 +/-0.0254	40.000 +0.0508/+0.0762	60.000 +/-0.127	FB9142	BP0350-0400-0600-BLG	Special Order
35.000 +/-0.0254	40.000 +0.0508/+0.0762	80.000 +/-0.127	FB9143	BP0350-0400-0800-BLG	Special Order
35.000 +/-0.0254	40.000 +0.0508/+0.0762	100.000 +/-0.127	FB9144	BP0350-0400-1000-BLG	Special Order
35.000 x 45.000 mm (1.378 x 1.772 in.)					
35.000 +/-0.0254	45.000 +0.0508/+0.0762	40.000 +/-0.127	FB9150	BP0350-0450-0400-BLG	Special Order
35.000 +/-0.0254	45.000 +0.0508/+0.0762	50.000 +/-0.127	FB9151	BP0350-0450-0500-BLG	Special Order
35.000 +/-0.0254	45.000 +0.0508/+0.0762	60.000 +/-0.127	FB9152	BP0350-0450-0600-BLG	Special Order
35.000 +/-0.0254	45.000 +0.0508/+0.0762	80.000 +/-0.127	FB9153	BP0350-0450-0800-BLG	Special Order
35.000 +/-0.0254	45.000 +0.0508/+0.0762	100.000 +/-0.127	FB9154	BP0350-0450-1000-BLG	Special Order
38.100 x 41.275 mm (1.500 x 1.625 in.)					
38.100 +/-0.0254	41.275 +0.0508/+0.0762	50.800 +/-0.127	FB1013	BP0381-0413-0508-BLG	Special Order

 Stocked or Short Delivery

 Usually Available

 Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
38.100 x 44.450 mm (1.500 x 1.750 in.)					
38.100	44.450	25.400		BP0381-0445-0254-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	44.450	38.100	FB996	BP0381-0445-0381-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	44.450	44.445		BP0381-0445-0444-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	44.450	50.800	FB998	BP0381-0445-0508-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	44.450	63.500	FB1014	BP0381-0445-0635-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	44.450	76.200	FB1015	BP0381-0445-0762-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	44.450	88.900	FB1016	BP0381-0445-0889-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	44.450	101.600	FB1017	BP0381-0445-1016-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100 x 47.625 mm (1.500 x 1.875 in.)					
38.100	47.625	50.800		BP0381-0476-0508-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100 x 50.800 mm (1.500 x 2.000 in.)					
38.100	50.800	63.500	FB1020	BP0381-0508-0635-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	50.800	76.200	FB1021	BP0381-0508-0762-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	50.800	88.900	FB1022	BP0381-0508-0889-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100	50.800	101.600	FB1023	BP0381-0508-1016-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
38.100 x 57.150 mm (1.500 x 2.250 in.)					
38.100	57.150	76.200		BP0381-0572-0762-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000 x 45.000 mm (1.575 x 1.772 in.)					
40.000	45.000	40.000		BP0400-0450-0400-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	45.000	50.000		BP0400-0450-0500-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	45.000	60.000		BP0400-0450-0600-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	45.000	80.000		BP0400-0450-0800-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	45.000	100.000		BP0400-0450-1000-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000 x 50.000 mm (1.575 x 1.969 in.)					
40.000	50.000	40.000		BP0400-0500-0400-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	50.000	50.000		BP0400-0500-0500-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	50.000	60.000		BP0400-0500-0600-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	50.000	80.000		BP0400-0500-0800-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
40.000	50.000	100.000		BP0400-0500-1000-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
44.450 x 50.800 mm (1.750 x 2.000 in.)					
44.450	50.800	63.500	FB1030	BP0445-0508-0635-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
44.450	50.800	76.200	FB1031	BP0445-0508-0762-BC9	
+/-0.0254	+0.0508/+0.0762	+/-0.127			
44.450	50.800	88.900	FB1032	BP0445-0508-0889-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			
44.450	50.800	101.600	FB1033	BP0445-0508-1016-BLG	Special Order
+/-0.0254	+0.0508/+0.0762	+/-0.127			

Stocked or Short Delivery

Usually Available

Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
44.450 x 53.975 mm (1.750 x 2.125 in.)					
44.450 +/-0.0254	53.975 +0.0508/+0.0762	101.600 +/-0.127	FB1018	BP0445-0540-1016-BLG	Special Order
44.450 x 57.150 mm (1.750 x 2.250 in.)					
44.450 +/-0.0254	57.150 +0.0508/+0.0762	44.450 +/-0.127		BP0445-0572-0445-BC9	
44.450 +/-0.0254	57.150 +0.0508/+0.0762	57.150 +/-0.127	FB1036	BP0445-0572-0572-BLG	Special Order
44.450 +/-0.0254	57.150 +0.0508/+0.0762	76.200 +/-0.127	FB1037	BP0445-0572-0762-BLG	Special Order
44.450 +/-0.0254	57.150 +0.0508/+0.0762	88.900 +/-0.127	FB1038	BP0445-0572-0889-BLG	Special Order
44.450 x 63.500 mm (1.750 x 2.500 in.)					
44.450 +/-0.0254	63.500 +0.0508/+0.0762	101.600 +/-0.127	FB1039	BP0445-0635-1016-BLG	Special Order
45.000 x 55.000 mm (1.772 x 2.165 in.)					
45.000 +/-0.0254	55.000 +0.0508/+0.0762	50.000 +/-0.127	FB9190	BP0450-0550-0500-BLG	Special Order
45.000 +/-0.0254	55.000 +0.0508/+0.0762	60.000 +/-0.127	FB9191	BP0450-0550-0600-BLG	Special Order
45.000 +/-0.0254	55.000 +0.0508/+0.0762	80.000 +/-0.127	FB9192	BP0450-0550-0800-BLG	Special Order
45.000 +/-0.0254	55.000 +0.0508/+0.0762	100.000 +/-0.127	FB9193	BP0450-0550-1000-BLG	Special Order
50.000 x 60.000 mm (1.969 x 2.362 in.)					
50.000 +/-0.0254	60.000 +0.0508/+0.0762	50.000 +/-0.127	FB9210	BP0500-0600-0500-BLG	Special Order
50.000 +/-0.0254	60.000 +0.0508/+0.0762	60.000 +/-0.127	FB9211	BP0500-0600-0600-BLG	Special Order
50.000 +/-0.0254	60.000 +0.0508/+0.0762	80.000 +/-0.127	FB9212	BP0500-0600-0800-BLG	Special Order
50.000 +/-0.0254	60.000 +0.0508/+0.0762	100.000 +/-0.127	FB9213	BP0500-0600-1000-BLG	Special Order
50.800 x 57.150 mm (2.000 x 2.250 in.)					
50.800 +/-0.0254	57.150 +0.0508/+0.0762	50.800 +/-0.127		BP0508-0572-0508-BC9	
50.800 +/-0.0254	57.150 +0.0508/+0.0762	63.500 +/-0.127	FB1040	BP0508-0572-0635-BLG	Special Order
50.800 +/-0.0254	57.150 +0.0508/+0.0762	76.200 +/-0.127	FB1041	BP0508-0572-0762-BLG	Special Order
50.800 +/-0.0254	57.150 +0.0508/+0.0762	88.900 +/-0.127	FB1019	BP0508-0572-0889-BLG	Special Order
50.800 x 60.325 mm (2.000 x 2.375 in.)					
50.800 +/-0.0254	60.325 +0.0508/+0.0762	76.200 +/-0.127		BP0508-0603-0762-BC9	
50.800 x 63.500 mm (2.000 x 2.500 in.)					
50.800 +/-0.0254	63.500 +0.0508/+0.0762	50.800 +/-0.127		BP0508-0635-0508-BC9	
50.800 +/-0.0254	63.500 +0.0508/+0.0762	63.500 +/-0.127	FB1050	BP0508-0635-0635-BLG	Special Order
50.800 +/-0.0254	63.500 +0.0508/+0.0762	76.200 +/-0.127	FB1051	BP0508-0635-0762-BC9	
50.800 +/-0.0254	63.500 +0.0508/+0.0762	88.900 +/-0.127	FB1052	BP0508-0635-0889-BLG	Special Order
50.800 +/-0.0254	63.500 +0.0508/+0.0762	101.600 +/-0.127	FB1053	BP0508-0635-1016-BLG	Special Order
57.150 x 69.850 mm (2.250 x 2.750 in.)					
57.150 +/-0.0254	69.850 +0.0508/+0.0762	63.500 +/-0.127	FB1060	BP0572-0699-0635-BLG	Special Order
57.150 +/-0.0254	69.850 +0.0508/+0.0762	76.200 +/-0.127	FB1061	BP0572-0699-0762-BLG	Special Order
57.150 +/-0.0254	69.850 +0.0508/+0.0762	88.900 +/-0.127	FB1062	BP0572-0699-0889-BLG	Special Order

Stocked or Short Delivery

Usually Available

Long delivery or not in current production

ID (d)	OD (D)	Length (s)	Ref.	MBA Part Number	Comments
57.150 x 69.850 mm (2.250 x 2.750 in.)					
57.150 +/-0.0254	69.850 +0.0508/+0.0762	101.600 +/-0.127	FB1063	BP0572-0699-1016-BLG	Special Order
63.500 x 76.200 mm (2.500 x 3.000 in.)					
63.500 +/-0.0254	76.200 +0.0508/+0.0762	63.500 +/-0.127	FB1070	BP0635-0762-0635-BLG	Special Order
63.500 +/-0.0254	76.200 +0.0508/+0.0762	76.200 +/-0.127	FB1071	BP0635-0762-0762-BLG	Special Order
63.500 +/-0.0254	76.200 +0.0508/+0.0762	88.900 +/-0.127	FB1072	BP0635-0762-0889-BLG	Special Order
63.500 +/-0.0254	76.200 +0.0508/+0.0762	101.600 +/-0.127	FB1073	BP0635-0762-1016-BLG	Special Order
63.500 +/-0.0254	76.200 +0.0508/+0.0762	127.000 +/-0.127		BP0635-0762-1270-BC9	
76.200 x 88.900 mm (3.000 x 3.500 in.)					
76.200 +/-0.0254	88.900 +0.0762/+0.1270	101.600 +/-0.127		BP0762-0889-1016-BC9	

Stocked or Short Delivery

Usually Available

Long delivery or not in current production

TIPS

The sizes shown for solid bronze bushes are nominal sizes. Refer to the tolerances listed below each size.

Solid bronze bushes are not self lubricating. For self lubricating bronze bushes please refer to our main bushes catalogue for Sintered Bronze.

Solid bronze has a uniform colour. Sintered bronze has a speckled textured appearance.

For information about measuring small parts please refer to our online PDF article...

<https://www.minibearings.com.au/catalogue/info/Measuring%20Miniature%20Bearings.pdf>

In comparison with ball bearings, solid bronze has a relatively high load carrying capacity but a much lower speed capability.

General running clearance between the shaft and the bearing bore should be at least Shaft Diameter x 0.001.

C93200 is a semi-hard material resistant to wear and sea water. Suitable for bushes and wear plates.

LG2 works well with moderate loads, resistant to wear and sea water, good machinability and weldable with brass or soft solder.



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Miniature Bearings Australia
<http://www.minibearings.com.au>
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Solid Bronze Bushes 2018