

MBA

2023.1

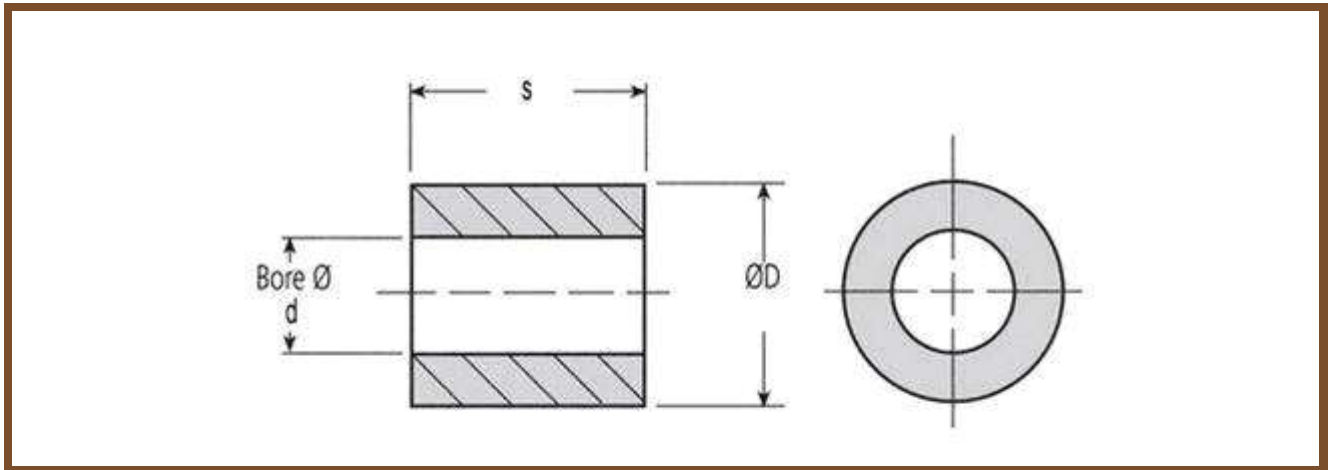
Solid Bronze Bushes

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)	Other Ref.	MBA Part Number
4.762 x 7.938 mm (0.187 x 0.313 in.)				
4.762 +/-0.0254	7.938 +0.051/+0.0762	12.700 +/-0.127	CB-0305-04	BP0048-0079-0127-BC9
6.350 x 9.525 mm (0.250 x 0.375 in.)				
6.350 +/-0.0254	9.525 +0.051/+0.0762	6.350 +/-0.127		BP0064-0095-0064-BC9
6.350 +/-0.0254	9.525 +0.051/+0.0762	9.525 +/-0.127		BP0064-0095-0095-BC9
6.350 +/-0.0254	9.525 +0.051/+0.0762	12.700 +/-0.127		BP0064-0095-0127-BC9
6.350 +/-0.0254	9.525 +0.051/+0.0762	19.050 +/-0.127		BP0064-0095-0191-BC9
6.350 +/-0.0254	9.525 +0.051/+0.0762	25.400 +/-0.127		BP0064-0095-0254-BC9
6.350 +/-0.0254	9.525 +0.051/+0.0762	31.750 +/-0.127		BP0064-0095-0318-BC9
6.350 x 11.113 mm (0.250 x 0.438 in.)				
6.350 +/-0.0254	11.113 +0.051/+0.0762	19.050 +/-0.127		BP0064-0111-0191-BC9
6.350 +/-0.0254	11.113 +0.051/+0.0762	25.400 +/-0.127		BP0064-0111-0254-BC9
6.350 +/-0.0254	11.113 +0.051/+0.0762	31.750 +/-0.127		BP0064-0111-0318-BC9
7.938 x 11.113 mm (0.313 x 0.438 in.)				
7.938 +/-0.0254	11.113 +0.051/+0.0762	9.525 +/-0.127		BP0079-0111-0095-BC9
7.938 +/-0.0254	11.113 +0.051/+0.0762	12.700 +/-0.127		BP0079-0111-0127-BC9
7.938 +/-0.0254	11.113 +0.051/+0.0762	19.050 +/-0.127	FB3	BP0079-0111-0191-BLG
7.938 +/-0.0254	11.113 +0.051/+0.0762	25.400 +/-0.127	FB4	BP0079-0111-0254-BC9
7.938 +/-0.0254	11.113 +0.051/+0.0762	31.750 +/-0.127		BP0079-0111-0318-BC9
7.938 x 12.700 mm (0.313 x 0.500 in.)				
7.938 +/-0.0254	12.700 +0.051/+0.0762	19.050 +/-0.127		BP0079-0127-0191-BC9
7.938 +/-0.0254	12.700 +0.051/+0.0762	25.400 +/-0.127		BP0079-0127-0254-BC9
7.938 +/-0.0254	12.700 +0.051/+0.0762	31.750 +/-0.127		BP0079-0127-0318-BC9
8.000 x 10.000 mm (0.315 x 0.394 in.)				
8.000 +/-0.0254	10.000 +0.051/+0.0762	10.000 +/-0.127	FB9000	BP0080-0100-0100-BC9
8.000 +/-0.0254	10.000 +0.051/+0.0762	20.000 +/-0.127	FB9001	BP0080-0100-0200-BC9
8.000 +/-0.0254	10.000 +0.051/+0.0762	30.000 +/-0.127	FB9002	BP0080-0100-0300-BLG
8.000 +/-0.0254	10.000 +0.051/+0.0762	40.000 +/-0.127	FB9003	BP0080-0100-0400-BC9
8.000 x 12.000 mm (0.315 x 0.472 in.)				
8.000 +/-0.0254	12.000 +0.051/+0.0762	10.000 +/-0.127	FB9010	BP0080-0120-0100-BC9
8.000 +/-0.0254	12.000 +0.051/+0.0762	20.000 +/-0.127	FB9011	BP0080-0120-0200-BC9
8.000 +/-0.0254	12.000 +0.051/+0.0762	30.000 +/-0.127	FB9012	BP0080-0120-0300-BC9
8.000 +/-0.0254	12.000 +0.051/+0.0762	40.000 +/-0.127	FB9013	BP0080-0120-0400-BC9
9.000 x 12.000 mm (0.354 x 0.472 in.)				
9.000 +/-0.0254	12.000 -0.002/-0.009	4.000 +/-0.127		** BP0090-0120-0040-BLG

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
9.525 x 12.700 mm		<i>(0.375 x 0.500 in.)</i>		
9.525 +/-0.0254	12.700 +0.051/+0.0762	9.525 +/-0.127		BP0095-0127-0095-BC9
9.525 +/-0.0254	12.700 +0.051/+0.0762	12.700 +/-0.127		BP0095-0127-0127-BC9
9.525 +/-0.0254	12.700 +0.051/+0.0762	15.880 +/-0.127		BP0095-0127-0159-BC9
9.525 +/-0.0254	12.700 +0.051/+0.0762	19.050 +/-0.127	FB10	BP0095-0127-0191-BC9
9.525 +/-0.0254	12.700 +0.051/+0.0762	25.400 +/-0.127	FB11	BP0095-0127-0254-BC9
9.525 +/-0.0254	12.700 +0.051/+0.0762	31.750 +/-0.127		BP0095-0127-0318-BC9
9.525 +/-0.0254	12.700 +0.051/+0.0762	38.100 +/-0.127	FB13	BP0095-0127-0381-BC9
9.525 +/-0.0254	12.700 +0.051/+0.0762	50.800 +/-0.127	FB12	BP0095-0127-0508-BC9
9.525 x 14.288 mm		<i>(0.375 x 0.563 in.)</i>		
9.525 +/-0.0254	14.288 +0.051/+0.0762	19.050 +/-0.127		BP0095-0143-0191-BC9
9.525 +/-0.0254	14.288 +0.051/+0.0762	25.400 +/-0.127		BP0095-0143-0254-BC9
9.525 +/-0.0254	14.288 +0.051/+0.0762	31.750 +/-0.127		BP0095-0143-0318-BC9
9.525 x 15.875 mm		<i>(0.375 x 0.625 in.)</i>		
9.525 +/-0.0254	15.875 +0.051/+0.0762	19.050 +/-0.127		BP0095-0159-0191-BC9
9.525 +/-0.0254	15.875 +0.051/+0.0762	25.400 +/-0.127		BP0095-0159-0254-BC9
9.525 +/-0.0254	15.875 +0.051/+0.0762	31.750 +/-0.127		BP0095-0159-0318-BC9
9.525 +/-0.0254	15.875 +0.051/+0.0762	38.100 +/-0.127		BP0095-0159-0381-BC9
10.000 x 12.000 mm		<i>(0.394 x 0.472 in.)</i>		
10.000 +/-0.0254	12.000 +0.051/+0.0762	20.000 +/-0.127	FB9020	BP0100-0120-0200-BC9
10.000 +/-0.0254	12.000 +0.051/+0.0762	30.000 +/-0.127	FB9021	BP0100-0120-0300-BC9
10.000 +/-0.0254	12.000 +0.051/+0.0762	40.000 +/-0.127	FB9022	BP0100-0120-0400-BC9
10.000 x 16.000 mm		<i>(0.394 x 0.630 in.)</i>		
10.000 +/-0.0254	16.000 +0.051/+0.0762	20.000 +/-0.127	FB9030	BP0100-0160-0200-BC9
10.000 +/-0.0254	16.000 +0.051/+0.0762	30.000 +/-0.127	FB9031	BP0100-0160-0300-BC9
10.000 +/-0.0254	16.000 +0.051/+0.0762	40.000 +/-0.127	FB9032	BP0100-0160-0400-BC9
10.000 +/-0.0254	16.000 +0.051/+0.0762	50.000 +/-0.127	FB9033	BP0100-0160-0500-BC9
11.113 x 14.288 mm		<i>(0.438 x 0.563 in.)</i>		
11.113 +/-0.0254	14.288 +0.051/+0.0762	19.050 +/-0.127	FB19	** BP0111-0143-0191-BLG
11.113 +/-0.0254	14.288 +0.051/+0.0762	25.400 +/-0.127	FB20	BP0111-0143-0254-BC9
11.113 +/-0.0254	14.288 +0.051/+0.0762	31.750 +/-0.127		BP0111-0143-0318-BC9
11.113 +/-0.0254	14.288 +0.051/+0.0762	38.100 +/-0.127	FB22	BP0111-0143-0381-BC9
11.113 +/-0.0254	14.288 +0.051/+0.0762	44.450 +/-0.127		BP0111-0143-0445-BC9
11.113 +/-0.0254	14.288 +0.051/+0.0762	50.800 +/-0.127	FB25	BP0111-0143-0508-BC9
11.113 x 15.875 mm		<i>(0.438 x 0.625 in.)</i>		
11.113 +/-0.0254	15.875 +0.051/+0.0762	25.400 +/-0.127	FB36	BP0111-0159-0254-BC9



Usually stocked or Short Delivery

** Available while stocks last **







Long Delivery or Large Minimum Quantities





Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
11.113 x 15.875 mm		<i>(0.438 x 0.625 in.)</i>		
11.113	15.875	31.750		BP0111-0159-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113	15.875	38.100	FB27	BP0111-0159-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113	15.875	50.800	FB29	BP0111-0159-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113 x 17.463 mm		<i>(0.438 x 0.688 in.)</i>		
11.113	17.463	25.400	FB39	BP0111-0175-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113	17.463	38.100	FB30	BP0111-0175-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113	17.463	50.800	FB32	BP0111-0175-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113 x 19.050 mm		<i>(0.438 x 0.750 in.)</i>		
11.113	19.050	25.400		BP0111-0191-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113	19.050	31.750		BP0111-0191-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113	19.050	38.100		BP0111-0191-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
11.113 x 20.638 mm		<i>(0.438 x 0.813 in.)</i>		
11.113	20.638	38.100		BP0111-0206-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000 x 16.000 mm		<i>(0.472 x 0.630 in.)</i>		
12.000	16.000	20.000	FB9040	BP0120-0160-0200-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000	16.000	30.000	FB9041	BP0120-0160-0300-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000	16.000	40.000	FB9042	BP0120-0160-0400-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000	16.000	50.000	FB9043	BP0120-0160-0500-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000 x 20.000 mm		<i>(0.472 x 0.787 in.)</i>		
12.000	20.000	20.000		BP0120-0200-0200-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000	20.000	30.000	FB9051	BP0120-0200-0300-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000	20.000	40.000	FB9052	BP0120-0200-0400-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.000	20.000	50.000	FB9053	BP0120-0200-0500-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700 x 14.288 mm		<i>(0.500 x 0.563 in.)</i>		
12.700	14.288	38.100	FB100	BP0127-0143-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700 x 15.875 mm		<i>(0.500 x 0.625 in.)</i>		
12.700	15.875	12.700		BP0127-0159-0127-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	15.875		BP0127-0159-0159-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	19.050	FB101	BP0127-0159-0191-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	22.225		BP0127-0159-0222-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	25.400	FB102	BP0127-0159-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	31.750	FB103	BP0127-0159-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	34.925		BP0127-0159-0349-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	38.100	FB104	BP0127-0159-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
12.700	15.875	44.450		BP0127-0159-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **



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

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
12.700 x 15.875 mm		<i>(0.500 x 0.625 in.)</i>		
12.700 +/-0.0254	15.875 +0.051/+0.0762	50.800 +/-0.127	FB106	BP0127-0159-0508-BC9
12.700 +/-0.0254	15.875 +0.051/+0.0762	57.150 +/-0.127		BP0127-0159-0572-BC9
12.700 x 17.463 mm		<i>(0.500 x 0.688 in.)</i>		
12.700 +/-0.0254	17.463 +0.051/+0.0762	19.050 +/-0.127		BP0127-0175-0191-BC9
12.700 +/-0.0254	17.463 +0.051/+0.0762	25.400 +/-0.127	FB107	BP0127-0175-0254-BC9
12.700 +/-0.0254	17.463 +0.051/+0.0762	31.750 +/-0.127		BP0127-0175-0318-BC9
12.700 +/-0.0254	17.463 +0.051/+0.0762	38.100 +/-0.127	FB110	BP0127-0175-0381-BC9
12.700 +/-0.0254	17.463 +0.051/+0.0762	44.450 +/-0.127		BP0127-0175-0445-BC9
12.700 +/-0.0254	17.463 +0.051/+0.0762	50.800 +/-0.127	FB112	BP0127-0175-0508-BC9
12.700 +/-0.0254	17.463 +0.051/+0.0762	57.150 +/-0.127		BP0127-0175-0572-BC9
12.700 +/-0.0254	17.463 +0.051/+0.0762	63.500 +/-0.127		BP0127-0175-0635-BC9
12.700 x 19.050 mm		<i>(0.500 x 0.750 in.)</i>		
12.700 +/-0.0254	19.050 +0.051/+0.0762	19.050 +/-0.127	FB99	BP0127-0191-0191-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	25.400 +/-0.127	FB113	BP0127-0191-0254-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	31.750 +/-0.127		BP0127-0191-0318-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	38.100 +/-0.127	FB115	BP0127-0191-0381-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	44.450 +/-0.127	FB116	BP0127-0191-0445-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	50.800 +/-0.127	FB117	BP0127-0191-0508-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	57.150 +/-0.127		BP0127-0191-0572-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	63.500 +/-0.127	FB119	BP0127-0191-0635-BC9
12.700 +/-0.0254	19.050 +0.051/+0.0762	69.850 +/-0.127		BP0127-0191-0699-BC9
12.700 x 22.225 mm		<i>(0.500 x 0.875 in.)</i>		
12.700 +/-0.0254	22.225 +0.051/+0.0762	25.400 +/-0.127		BP0127-0222-0254-BC9
12.700 +/-0.0254	22.225 +0.051/+0.0762	31.750 +/-0.127		BP0127-0222-0318-BC9
12.700 +/-0.0254	22.225 +0.051/+0.0762	38.100 +/-0.127	FB120	BP0127-0222-0381-BC9
12.700 +/-0.0254	22.225 +0.051/+0.0762	44.450 +/-0.127		BP0127-0222-0445-BC9
12.700 +/-0.0254	22.225 +0.051/+0.0762	50.800 +/-0.127	FB121	BP0127-0222-0508-BC9
12.700 x 25.400 mm		<i>(0.500 x 1.000 in.)</i>		
12.700 +/-0.0254	25.400 +0.051/+0.0762	25.400 +/-0.127		BP0127-0254-0254-BC9
12.700 +/-0.0254	25.400 +0.051/+0.0762	38.100 +/-0.127		BP0127-0254-0381-BC9
12.700 +/-0.0254	25.400 +0.051/+0.0762	50.800 +/-0.127	FB122	BP0127-0254-0508-BC9
12.700 +/-0.0254	25.400 +0.051/+0.0762	57.150 +/-0.127		BP0127-0254-0572-BC9
14.288 x 17.463 mm		<i>(0.563 x 0.688 in.)</i>		
14.288 +/-0.0254	17.463 +0.051/+0.0762	25.400 +/-0.127	FB200	BP0143-0175-0254-BC9
14.288 +/-0.0254	17.463 +0.051/+0.0762	31.750 +/-0.127		BP0143-0175-0318-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
14.288 x 17.463 mm		<i>(0.563 x 0.688 in.)</i>		
14.288 +/-0.0254	17.463 +0.051/+0.0762	38.100 +/-0.127	FB203	BP0143-0175-0381-BC9
14.288 +/-0.0254	17.463 +0.051/+0.0762	44.450 +/-0.127	FB206	BP0143-0175-0445-BC9
14.288 +/-0.0254	17.463 +0.051/+0.0762	50.800 +/-0.127	FB207	BP0143-0175-0508-BC9
14.288 +/-0.0254	17.463 +0.051/+0.0762	57.150 +/-0.127		BP0143-0175-0572-BC9
14.288 +/-0.0254	17.463 +0.051/+0.0762	63.500 +/-0.127		BP0143-0175-0635-BC9
14.288 x 19.050 mm		<i>(0.563 x 0.750 in.)</i>		
14.288 +/-0.0254	19.050 +0.051/+0.0762	25.400 +/-0.127	FB210	BP0143-0191-0254-BC9
14.288 +/-0.0254	19.050 +0.051/+0.0762	31.750 +/-0.127		BP0143-0191-0318-BC9
14.288 +/-0.0254	19.050 +0.051/+0.0762	38.100 +/-0.127	FB214	BP0143-0191-0381-BC9
14.288 +/-0.0254	19.050 +0.051/+0.0762	44.450 +/-0.127	FB216	BP0143-0191-0445-BC9
14.288 +/-0.0254	19.050 +0.051/+0.0762	50.800 +/-0.127	FB217	BP0143-0191-0508-BC9
14.288 +/-0.0254	19.050 +0.051/+0.0762	57.150 +/-0.127	FB212	BP0143-0191-0572-BC9
14.288 +/-0.0254	19.050 +0.051/+0.0762	63.500 +/-0.127	FB220	BP0143-0191-0635-BC9
14.288 x 20.638 mm		<i>(0.563 x 0.813 in.)</i>		
14.288 +/-0.0254	20.638 +0.051/+0.0762	25.400 +/-0.127	FB236	BP0143-0206-0254-BC9
14.288 +/-0.0254	20.638 +0.051/+0.0762	31.750 +/-0.127		BP0143-0206-0318-BC9
14.288 +/-0.0254	20.638 +0.051/+0.0762	38.100 +/-0.127	FB222	BP0143-0206-0381-BC9
14.288 +/-0.0254	20.638 +0.051/+0.0762	44.450 +/-0.127		BP0143-0206-0445-BC9
14.288 +/-0.0254	20.638 +0.051/+0.0762	50.800 +/-0.127	FB224	BP0143-0206-0508-BC9
14.288 +/-0.0254	20.638 +0.051/+0.0762	63.500 +/-0.127		BP0143-0206-0635-BC9
14.288 x 22.225 mm		<i>(0.563 x 0.875 in.)</i>		
14.288 +/-0.0254	22.225 +0.051/+0.0762	25.400 +/-0.127	FB237	BP0143-0222-0254-BC9
14.288 +/-0.0254	22.225 +0.051/+0.0762	38.100 +/-0.127	FB227	BP0143-0222-0381-BC9
14.288 +/-0.0254	22.225 +0.051/+0.0762	44.450 +/-0.127	FB228	BP0143-0222-0445-BC9
14.288 +/-0.0254	22.225 +0.051/+0.0762	50.800 +/-0.127		BP0143-0222-0508-BC9
14.288 x 25.400 mm		<i>(0.563 x 1.000 in.)</i>		
14.288 +/-0.0254	25.400 +0.051/+0.0762	38.100 +/-0.127	FB231	BP0143-0254-0381-BC9
14.288 +/-0.0254	25.400 +0.051/+0.0762	50.800 +/-0.127	FB232	BP0143-0254-0508-BC9
15.875 x 17.463 mm		<i>(0.625 x 0.688 in.)</i>		
15.875 +/-0.0254	17.463 +0.051/+0.0762	38.100 +/-0.127	FB301	BP0159-0175-0381-BC9
15.875 +/-0.0254	17.463 +0.051/+0.0762	50.800 +/-0.127	FB302	BP0159-0175-0508-BC9
15.875 x 19.050 mm		<i>(0.625 x 0.750 in.)</i>		
15.875 +/-0.0254	19.050 +0.051/+0.0762	12.700 +/-0.127		BP0159-0191-0127-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	19.050 +/-0.127	FB303	BP0159-0191-0191-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	25.400 +/-0.127	FB304	BP0159-0191-0254-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
15.875 x 19.050 mm (0.625 x 0.750 in.)				
15.875 +/-0.0254	19.050 +0.051/+0.0762	28.575 +/-0.127		BP0159-0191-0286-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	31.750 +/-0.127	FB305	BP0159-0191-0318-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	38.100 +/-0.127	FB307	BP0159-0191-0381-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	44.450 +/-0.127	FB308	BP0159-0191-0445-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	50.800 +/-0.127	FB309	BP0159-0191-0508-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	57.150 +/-0.127	FB310	BP0159-0191-0572-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	63.500 +/-0.127	FB311	BP0159-0191-0635-BC9
15.875 +/-0.0254	19.050 +0.051/+0.0762	76.200 +/-0.127	FB312	BP0159-0191-0762-BC9
15.875 x 20.638 mm (0.625 x 0.813 in.)				
15.875 +/-0.0254	20.638 +0.051/+0.0762	25.400 +/-0.127	FB313	BP0159-0206-0254-BC9
15.875 +/-0.0254	20.638 +0.051/+0.0762	31.750 +/-0.127		BP0159-0206-0318-BC9
15.875 +/-0.0254	20.638 +0.051/+0.0762	38.100 +/-0.127	FB315	BP0159-0206-0381-BC9
15.875 +/-0.0254	20.638 +0.051/+0.0762	44.450 +/-0.127		BP0159-0206-0445-BC9
15.875 +/-0.0254	20.638 +0.051/+0.0762	50.800 +/-0.127	FB317	** BP0159-0206-0508-BLG
15.875 +/-0.0254	20.638 +0.051/+0.0762	57.150 +/-0.127		BP0159-0206-0572-BC9
15.875 +/-0.0254	20.638 +0.051/+0.0762	63.500 +/-0.127	FB319	BP0159-0206-0635-BC9
15.875 x 22.225 mm (0.625 x 0.875 in.)				
15.875 +/-0.0254	22.225 +0.051/+0.0762	12.700 +/-0.127		BP0159-0222-0127-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	19.050 +/-0.127	FB321	BP0159-0222-0191-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	25.400 +/-0.127	FB322	BP0159-0222-0254-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	28.575 +/-0.127		BP0159-0222-0286-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	31.750 +/-0.127	FB324	BP0159-0222-0318-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	38.100 +/-0.127	FB325	BP0159-0222-0381-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	44.450 +/-0.127	FB326	BP0159-0222-0445-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	50.800 +/-0.127	FB328	BP0159-0222-0508-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	57.150 +/-0.127	FB329	BP0159-0222-0572-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	63.500 +/-0.127	FB330	BP0159-0222-0635-BC9
15.875 +/-0.0254	22.225 +0.051/+0.0762	76.200 +/-0.127	FB331	BP0159-0222-0762-BC9
15.875 x 23.813 mm (0.625 x 0.938 in.)				
15.875 +/-0.0254	23.813 +0.051/+0.0762	25.400 +/-0.127		BP0159-0238-0254-BC9
15.875 +/-0.0254	23.813 +0.051/+0.0762	38.100 +/-0.127		BP0159-0238-0381-BC9
15.875 +/-0.0254	23.813 +0.051/+0.0762	50.800 +/-0.127		BP0159-0238-0508-BC9
15.875 +/-0.0254	23.813 +0.051/+0.0762	63.500 +/-0.127		BP0159-0238-0635-BC9
15.875 x 25.400 mm (0.625 x 1.000 in.)				
15.875 +/-0.0254	25.400 +0.051/+0.0762	25.400 +/-0.127		BP0159-0254-0254-BC9



Usually stocked or Short Delivery

** Available while stocks last **







Long Delivery or Large Minimum Quantities





Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
15.875 x 25.400 mm		<i>(0.625 x 1.000 in.)</i>		
15.875 +/-0.0254	25.400 +0.051/+0.0762	31.750 +/-0.127	FB334	** BP0159-0254-0318-BLG
15.875 +/-0.0254	25.400 +0.051/+0.0762	50.800 +/-0.127	FB335	BP0159-0254-0508-BC9
15.875 +/-0.0254	25.400 +0.051/+0.0762	57.150 +/-0.127		BP0159-0254-0572-BC9
15.875 +/-0.0254	25.400 +0.051/+0.0762	63.500 +/-0.127	FB337	BP0159-0254-0635-BC9
15.875 +/-0.0254	25.400 +0.051/+0.0762	76.200 +/-0.127		BP0159-0254-0762-BC9
15.875 x 28.575 mm		<i>(0.625 x 1.125 in.)</i>		
15.875 +/-0.0254	28.575 +0.051/+0.0762	38.100 +/-0.127		BP0159-0286-0381-BC9
15.875 +/-0.0254	28.575 +0.051/+0.0762	50.800 +/-0.127		BP0159-0286-0508-BC9
15.875 +/-0.0254	28.575 +0.051/+0.0762	57.150 +/-0.127		BP0159-0286-0572-BC9
15.875 +/-0.0254	28.575 +0.051/+0.0762	76.200 +/-0.127		BP0159-0286-0762-BC9
16.000 x 20.000 mm		<i>(0.630 x 0.787 in.)</i>		
16.000 +/-0.0254	20.000 +0.051/+0.0762	20.000 +/-0.127	FB9060	BP0160-0200-0200-BC9
16.000 +/-0.0254	20.000 +0.051/+0.0762	30.000 +/-0.127	FB9061	BP0160-0200-0300-BC9
16.000 +/-0.0254	20.000 +0.051/+0.0762	40.000 +/-0.127	FB9062	BP0160-0200-0400-BC9
16.000 +/-0.0254	20.000 +0.051/+0.0762	50.000 +/-0.127	FB9063	BP0160-0200-0500-BC9
16.000 +/-0.0254	20.000 +0.051/+0.0762	60.000 +/-0.127	FB9064	BP0160-0200-0600-BC9
16.000 x 24.000 mm		<i>(0.630 x 0.945 in.)</i>		
16.000 +/-0.0254	24.000 +0.051/+0.0762	30.000 +/-0.127	FB9070	BP0160-0240-0300-BC9
16.000 +/-0.0254	24.000 +0.051/+0.0762	50.000 +/-0.127	FB9072	BP0160-0240-0500-BC9
16.000 +/-0.0254	24.000 +0.051/+0.0762	60.000 +/-0.127	FB9073	BP0160-0240-0600-BC9
16.000 +/-0.0254	24.000 +0.051/+0.0762	80.000 +/-0.127	FB9074	BP0160-0240-0800-BC9
17.463 x 20.638 mm		<i>(0.688 x 0.813 in.)</i>		
17.463 +/-0.0254	20.638 +0.051/+0.0762	25.400 +/-0.127	FB400	BP0175-0206-0254-BC9
17.463 +/-0.0254	20.638 +0.051/+0.0762	31.750 +/-0.127		BP0175-0206-0318-BC9
17.463 +/-0.0254	20.638 +0.051/+0.0762	38.100 +/-0.127	FB401	BP0175-0206-0381-BLG
17.463 +/-0.0254	20.638 +0.051/+0.0762	44.450 +/-0.127		BP0175-0206-0445-BC9
17.463 +/-0.0254	20.638 +0.051/+0.0762	50.800 +/-0.127	FB403	BP0175-0206-0508-BC9
17.463 +/-0.0254	20.638 +0.051/+0.0762	63.500 +/-0.127		BP0175-0206-0635-BC9
17.463 x 22.225 mm		<i>(0.688 x 0.875 in.)</i>		
17.463 +/-0.0254	22.225 +0.051/+0.0762	25.400 +/-0.127	FB406	BP0175-0222-0254-BC9
17.463 +/-0.0254	22.225 +0.051/+0.0762	31.750 +/-0.127		BP0175-0222-0318-BC9
17.463 +/-0.0254	22.225 +0.051/+0.0762	38.100 +/-0.127		BP0175-0222-0381-BC9
17.463 +/-0.0254	22.225 +0.051/+0.0762	44.450 +/-0.127		BP0175-0222-0445-BC9
17.463 +/-0.0254	22.225 +0.051/+0.0762	50.800 +/-0.127	FB409	BP0175-0222-0508-BC9
17.463 +/-0.0254	22.225 +0.051/+0.0762	57.150 +/-0.127		BP0175-0222-0572-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
17.463 x 22.225 mm (0.688 x 0.875 in.)				
17.463	22.225	63.500		BP0175-0222-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463 x 23.813 mm (0.688 x 0.938 in.)				
17.463	23.813	25.400	FB412	BP0175-0238-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	23.813	31.750		BP0175-0238-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	23.813	38.100	FB413	BP0175-0238-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	23.813	44.450		BP0175-0238-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	23.813	50.800	FB415	BP0175-0238-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	23.813	63.500		BP0175-0238-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463 x 25.400 mm (0.688 x 1.000 in.)				
17.463	25.400	31.750		BP0175-0254-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	25.400	50.800	FB418	BP0175-0254-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	25.400	57.150		BP0175-0254-0572-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
17.463	25.400	63.500		BP0175-0254-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050 x 20.638 mm (0.750 x 0.813 in.)				
19.050	20.638	38.100	FB500	BP0191-0206-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050 x 22.225 mm (0.750 x 0.875 in.)				
19.050	22.225	19.050	FB501	BP0191-0222-0191-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	22.225	25.400	FB502	BP0191-0222-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	22.225	31.750	FB504	BP0191-0222-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	22.225	38.100	FB505	BP0191-0222-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	22.225	44.450		BP0191-0222-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	22.225	50.800	FB507	BP0191-0222-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	22.225	57.150		BP0191-0222-0572-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	22.225	63.500	FB510	BP0191-0222-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050 x 23.813 mm (0.750 x 0.938 in.)				
19.050	23.813	25.400	FB511	BP0191-0238-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	31.750		BP0191-0238-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	34.925		BP0191-0238-0349-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	38.100	FB515	BP0191-0238-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	44.450		BP0191-0238-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	50.800	FB518	BP0191-0238-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	57.150	FB519	BP0191-0238-0572-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	63.500	FB520	BP0191-0238-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	69.850		BP0191-0238-0699-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
19.050	23.813	76.200		BP0191-0238-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
19.050 x 25.400 mm		<i>(0.750 x 1.000 in.)</i>		
19.050 +/-0.0254	25.400 +0.051/+0.0762	12.700 +/-0.127		BP0191-0254-0127-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	19.050 +/-0.127	FB490	BP0191-0254-0191-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	22.225 +/-0.127		BP0191-0254-0222-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	25.400 +/-0.127	FB522	BP0191-0254-0254-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	28.575 +/-0.127		BP0191-0254-0286-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	31.750 +/-0.127	FB523	BP0191-0254-0318-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	34.925 +/-0.127		BP0191-0254-0349-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	38.100 +/-0.127	FB524	BP0191-0254-0381-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	44.450 +/-0.127	FB525	BP0191-0254-0445-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	47.625 +/-0.127		BP0191-0254-0476-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	50.800 +/-0.127	FB526	BP0191-0254-0508-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	53.975 +/-0.127		BP0191-0254-0540-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	57.150 +/-0.127	FB528	BP0191-0254-0572-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	63.500 +/-0.127	FB529	BP0191-0254-0635-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	69.850 +/-0.127		BP0191-0254-0699-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	76.200 +/-0.127	FB530	BP0191-0254-0762-BC9
19.050 +/-0.0254	25.400 +0.051/+0.0762	88.900 +/-0.127		BP0191-0254-0889-BC9
19.050 x 26.988 mm		<i>(0.750 x 1.063 in.)</i>		
19.050 +/-0.0254	26.988 +0.051/+0.0762	25.400 +/-0.127		BP0191-0270-0254-BC9
19.050 +/-0.0254	26.988 +0.051/+0.0762	38.100 +/-0.127		BP0191-0270-0381-BC9
19.050 +/-0.0254	26.988 +0.051/+0.0762	50.800 +/-0.127	FB531	BP0191-0270-0508-BC9
19.050 +/-0.0254	26.988 +0.051/+0.0762	57.150 +/-0.127		BP0191-0270-0572-BC9
19.050 +/-0.0254	26.988 +0.051/+0.0762	63.500 +/-0.127	FB532	BP0191-0270-0635-BC9
19.050 +/-0.0254	26.988 +0.051/+0.0762	76.200 +/-0.127		BP0191-0270-0762-BC9
19.050 x 28.575 mm		<i>(0.750 x 1.125 in.)</i>		
19.050 +/-0.0254	28.575 +0.051/+0.0762	25.400 +/-0.127		BP0191-0286-0254-BC9
19.050 +/-0.0254	28.575 +0.051/+0.0762	38.100 +/-0.127	FB533	BP0191-0286-0381-BC9
19.050 +/-0.0254	28.575 +0.051/+0.0762	50.800 +/-0.127	FB534	BP0191-0286-0508-BC9
19.050 +/-0.0254	28.575 +0.051/+0.0762	57.150 +/-0.127		BP0191-0286-0572-BC9
19.050 +/-0.0254	28.575 +0.051/+0.0762	63.500 +/-0.127	FB536	BP0191-0286-0635-BC9
19.050 +/-0.0254	28.575 +0.051/+0.0762	76.200 +/-0.127	FB537	BP0191-0286-0762-BC9
19.050 x 30.163 mm		<i>(0.750 x 1.188 in.)</i>		
19.050 +/-0.0254	30.163 +0.051/+0.0762	38.100 +/-0.127		BP0191-0302-0381-BC9
19.050 +/-0.0254	30.163 +0.051/+0.0762	50.800 +/-0.127		BP0191-0302-0508-BC9



Usually stocked or Short Delivery



** Available while stocks last **



Long Delivery or Large Minimum Quantities



Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
19.050 x 31.750 mm (0.750 x 1.250 in.)				
19.050 +/-0.0254	31.750 +0.051/+0.0762	44.450 +/-0.127		BP0191-0318-0445-BC9
19.050 +/-0.0254	31.750 +0.051/+0.0762	50.800 +/-0.127		BP0191-0318-0508-BC9
19.050 +/-0.0254	31.750 +0.051/+0.0762	57.150 +/-0.127		BP0191-0318-0572-BC9
19.050 +/-0.0254	31.750 +0.051/+0.0762	63.500 +/-0.127	FB538	BP0191-0318-0635-BC9
19.050 +/-0.0254	31.750 +0.051/+0.0762	76.200 +/-0.127		BP0191-0318-0762-BC9
20.000 x 24.000 mm (0.787 x 0.945 in.)				
20.000 +/-0.0254	24.000 +0.051/+0.0762	30.000 +/-0.127	FB9080	BP0200-0240-0300-BC9
20.000 +/-0.0254	24.000 +0.051/+0.0762	40.000 +/-0.127	FB9081	BP0200-0240-0400-BC9
20.000 +/-0.0254	24.000 +0.051/+0.0762	50.000 +/-0.127	FB9082	BP0200-0240-0500-BC9
20.000 +/-0.0254	24.000 +0.051/+0.0762	60.000 +/-0.127	FB9083	BP0200-0240-0600-BC9
20.000 +/-0.0254	24.000 +0.051/+0.0762	80.000 +/-0.127	FB9084	BP0200-0240-0800-BC9
20.000 x 30.000 mm (0.787 x 1.181 in.)				
20.000 +/-0.0254	30.000 +0.051/+0.0762	30.000 +/-0.127	FB9090	BP0200-0300-0300-BC9
20.000 +/-0.0254	30.000 +0.051/+0.0762	40.000 +/-0.127	FB9091	BP0200-0300-0400-BC9
20.000 +/-0.0254	30.000 +0.051/+0.0762	50.000 +/-0.127	FB9092	BP0200-0300-0500-BC9
20.000 +/-0.0254	30.000 +0.051/+0.0762	60.000 +/-0.127	FB9093	BP0200-0300-0600-BC9
20.000 +/-0.0254	30.000 +0.051/+0.0762	80.000 +/-0.127	FB9094	BP0200-0300-0800-BC9
20.638 x 23.813 mm (0.813 x 0.938 in.)				
20.638 +/-0.0254	23.813 +0.051/+0.0762	25.400 +/-0.127	FB600	BP0206-0238-0254-BC9
20.638 +/-0.0254	23.813 +0.051/+0.0762	38.100 +/-0.127		BP0206-0238-0381-BC9
20.638 +/-0.0254	23.813 +0.051/+0.0762	50.800 +/-0.127		BP0206-0238-0508-BC9
20.638 x 25.400 mm (0.813 x 1.000 in.)				
20.638 +/-0.0254	25.400 +0.051/+0.0762	38.100 +/-0.127	FB605	BP0206-0254-0381-BC9
20.638 +/-0.0254	25.400 +0.051/+0.0762	44.450 +/-0.127		BP0206-0254-0445-BC9
20.638 +/-0.0254	25.400 +0.051/+0.0762	50.800 +/-0.127	FB606	BP0206-0254-0508-BC9
20.638 +/-0.0254	25.400 +0.051/+0.0762	63.500 +/-0.127	FB607	BP0206-0254-0635-BC9
20.638 x 26.988 mm (0.813 x 1.063 in.)				
20.638 +/-0.0254	26.988 +0.051/+0.0762	38.100 +/-0.127		BP0206-0270-0381-BC9
20.638 +/-0.0254	26.988 +0.051/+0.0762	50.800 +/-0.127	FB608	BP0206-0270-0508-BC9
20.638 +/-0.0254	26.988 +0.051/+0.0762	63.500 +/-0.127	FB610	BP0206-0270-0635-BC9
20.638 +/-0.0254	26.988 +0.051/+0.0762	69.850 +/-0.127		BP0206-0270-0699-BC9
20.638 +/-0.0254	26.988 +0.051/+0.0762	76.200 +/-0.127	FB612	BP0206-0270-0762-BC9
20.638 x 28.575 mm (0.813 x 1.125 in.)				
20.638 +/-0.0254	28.575 +0.051/+0.0762	38.100 +/-0.127		BP0206-0286-0381-BC9
20.638 +/-0.0254	28.575 +0.051/+0.0762	50.800 +/-0.127		BP0206-0286-0508-BC9



Usually stocked or Short Delivery

** Available while stocks last **



Long Delivery or Large Minimum Quantities



Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
20.638 x 30.163 mm (0.813 x 1.188 in.)				
20.638 +/-0.0254	30.163 +0.051/+0.0762	63.500 +/-0.127		BP0206-0302-0635-BC9
20.638 +/-0.0254	30.163 +0.051/+0.0762	76.200 +/-0.127		BP0206-0302-0762-BC9
22.225 x 25.400 mm (0.875 x 1.000 in.)				
22.225 +/-0.0254	25.400 +0.051/+0.0762	25.400 +/-0.127	FB700	BP0222-0254-0254-BC9
22.225 +/-0.0254	25.400 +0.051/+0.0762	31.750 +/-0.127	FB702	BP0222-0254-0318-BC9
22.225 +/-0.0254	25.400 +0.051/+0.0762	34.925 +/-0.127		BP0222-0254-0349-BC9
22.225 +/-0.0254	25.400 +0.051/+0.0762	38.100 +/-0.127	FB703	BP0222-0254-0381-BC9
22.225 +/-0.0254	25.400 +0.051/+0.0762	41.275 +/-0.127		BP0222-0254-0413-BC9
22.225 +/-0.0254	25.400 +0.051/+0.0762	50.800 +/-0.127	FB705	BP0222-0254-0508-BC9
22.225 +/-0.0254	25.400 +0.051/+0.0762	63.500 +/-0.127	FB707	BP0222-0254-0635-BC9
22.225 +/-0.0254	25.400 +0.051/+0.0762	76.200 +/-0.127	FB708	BP0222-0254-0762-BC9
22.225 x 26.988 mm (0.875 x 1.063 in.)				
22.225 +/-0.0254	26.988 +0.051/+0.0762	25.400 +/-0.127	FB709	BP0222-0270-0254-BC9
22.225 +/-0.0254	26.988 +0.051/+0.0762	31.750 +/-0.127		BP0222-0270-0318-BC9
22.225 +/-0.0254	26.988 +0.051/+0.0762	38.100 +/-0.127	FB711	BP0222-0270-0381-BC9
22.225 +/-0.0254	26.988 +0.051/+0.0762	44.450 +/-0.127		BP0222-0270-0445-BC9
22.225 +/-0.0254	26.988 +0.051/+0.0762	50.800 +/-0.127	FB713	BP0222-0270-0508-BC9
22.225 +/-0.0254	26.988 +0.051/+0.0762	57.150 +/-0.127		BP0222-0270-0572-BC9
22.225 +/-0.0254	26.988 +0.051/+0.0762	63.500 +/-0.127	FB715	BP0222-0270-0635-BC9
22.225 +/-0.0254	26.988 +0.051/+0.0762	76.200 +/-0.127		BP0222-0270-0762-BC9
22.225 x 28.575 mm (0.875 x 1.125 in.)				
22.225 +/-0.0254	28.575 +0.051/+0.0762	19.050 +/-0.127		BP0222-0286-0191-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	25.400 +/-0.127		BP0222-0286-0254-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	31.750 +/-0.127	FB717	BP0222-0286-0318-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	34.925 +/-0.127		BP0222-0286-0349-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	38.100 +/-0.127	FB718	BP0222-0286-0381-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	44.450 +/-0.127		BP0222-0286-0445-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	50.800 +/-0.127	FB720	BP0222-0286-0508-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	57.150 +/-0.127	FB721	BP0222-0286-0572-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	63.500 +/-0.127	FB722	BP0222-0286-0635-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	76.200 +/-0.127	FB723	BP0222-0286-0762-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	82.550 +/-0.127		BP0222-0286-0826-BC9
22.225 +/-0.0254	28.575 +0.051/+0.0762	88.900 +/-0.127		BP0222-0286-0889-BC9
22.225 x 30.163 mm (0.875 x 1.188 in.)				
22.225 +/-0.0254	30.163 +0.051/+0.0762	25.400 +/-0.127		BP0222-0302-0254-BC9



Usually stocked or Short Delivery

** Available while stocks last **







Long Delivery or Large Minimum Quantities





Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
22.225 x 30.163 mm		<i>(0.875 x 1.188 in.)</i>		
22.225 +/-0.0254	30.163 +0.051/+0.0762	31.750 +/-0.127		BP0222-0302-0318-BC9
22.225 +/-0.0254	30.163 +0.051/+0.0762	38.100 +/-0.127		BP0222-0302-0381-BC9
22.225 +/-0.0254	30.163 +0.051/+0.0762	50.800 +/-0.127		BP0222-0302-0508-BC9
22.225 +/-0.0254	30.163 +0.051/+0.0762	63.500 +/-0.127		BP0222-0302-0635-BC9
22.225 +/-0.0254	30.163 +0.051/+0.0762	76.200 +/-0.127		BP0222-0302-0762-BC9
22.225 x 31.750 mm		<i>(0.875 x 1.250 in.)</i>		
22.225 +/-0.0254	31.750 +0.051/+0.0762	38.100 +/-0.127	FB725	BP0222-0318-0381-BC9
22.225 +/-0.0254	31.750 +0.051/+0.0762	44.450 +/-0.127		BP0222-0318-0445-BC9
22.225 +/-0.0254	31.750 +0.051/+0.0762	50.800 +/-0.127	FB726	BP0222-0318-0508-BC9
22.225 +/-0.0254	31.750 +0.051/+0.0762	57.150 +/-0.127		BP0222-0318-0572-BC9
22.225 +/-0.0254	31.750 +0.051/+0.0762	63.500 +/-0.127	FB728	BP0222-0318-0635-BC9
22.225 +/-0.0254	31.750 +0.051/+0.0762	76.200 +/-0.127	FB729	BP0222-0318-0762-BC9
22.225 +/-0.0254	31.750 +0.051/+0.0762	88.900 +/-0.127		BP0222-0318-0889-BC9
22.225 +/-0.0254	31.750 +0.051/+0.0762	101.600 +/-0.127		BP0222-0318-1016-BC9
22.225 x 34.925 mm		<i>(0.875 x 1.375 in.)</i>		
22.225 +/-0.0254	34.925 +0.051/+0.0762	38.100 +/-0.127		BP0222-0349-0381-BC9
22.225 +/-0.0254	34.925 +0.051/+0.0762	44.450 +/-0.127		BP0222-0349-0445-BC9
22.225 +/-0.0254	34.925 +0.051/+0.0762	50.800 +/-0.127		BP0222-0349-0508-BC9
22.225 +/-0.0254	34.925 +0.051/+0.0762	63.500 +/-0.127		BP0222-0349-0635-BC9
22.225 +/-0.0254	34.925 +0.051/+0.0762	76.200 +/-0.127	FB730	BP0222-0349-0762-BC9
23.813 x 26.988 mm		<i>(0.938 x 1.063 in.)</i>		
23.813 +/-0.0254	26.988 +0.051/+0.0762	38.100 +/-0.127	FB731	BP0238-0270-0381-BC9
23.813 +/-0.0254	26.988 +0.051/+0.0762	50.800 +/-0.127	FB732	BP0238-0270-0508-BC9
23.813 +/-0.0254	26.988 +0.051/+0.0762	63.500 +/-0.127	FB733	BP0238-0270-0635-BC9
23.813 x 28.575 mm		<i>(0.938 x 1.125 in.)</i>		
23.813 +/-0.0254	28.575 +0.051/+0.0762	31.750 +/-0.127	FB734	BP0238-0286-0318-BC9
23.813 +/-0.0254	28.575 +0.051/+0.0762	38.100 +/-0.127		BP0238-0286-0381-BC9
23.813 +/-0.0254	28.575 +0.051/+0.0762	50.800 +/-0.127		BP0238-0286-0508-BC9
23.813 +/-0.0254	28.575 +0.051/+0.0762	57.150 +/-0.127	FB735	BP0238-0286-0572-BC9
23.813 +/-0.0254	28.575 +0.051/+0.0762	63.500 +/-0.127		BP0238-0286-0635-BC9
23.813 +/-0.0254	28.575 +0.051/+0.0762	76.200 +/-0.127	FB736	BP0238-0286-0762-BC9
23.813 x 30.163 mm		<i>(0.938 x 1.188 in.)</i>		
23.813 +/-0.0254	30.163 +0.051/+0.0762	31.750 +/-0.127		BP0238-0302-0318-BC9
23.813 +/-0.0254	30.163 +0.051/+0.0762	38.100 +/-0.127		BP0238-0302-0381-BC9
23.813 +/-0.0254	30.163 +0.051/+0.0762	50.800 +/-0.127	FB738	BP0238-0302-0508-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
23.813 x 30.163 mm (0.938 x 1.188 in.)				
23.813	30.163	57.150		BP0238-0302-0572-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813	30.163	76.200		BP0238-0302-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813 x 31.750 mm (0.938 x 1.250 in.)				
23.813	31.750	25.400		BP0238-0318-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813	31.750	38.100		BP0238-0318-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813	31.750	50.800		BP0238-0318-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813	31.750	63.500		BP0238-0318-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813	31.750	69.850		BP0238-0318-0699-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813 x 33.338 mm (0.938 x 1.313 in.)				
23.813	33.338	38.100		BP0238-0333-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813	33.338	50.800		BP0238-0333-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
23.813	33.338	76.200		BP0238-0333-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000 x 30.000 mm (0.984 x 1.181 in.)				
25.000	30.000	30.000	FB9100	BP0250-0300-0300-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	30.000	40.000	FB9101	BP0250-0300-0400-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	30.000	50.000	FB9102	BP0250-0300-0500-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	30.000	60.000	FB9103	BP0250-0300-0600-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	30.000	80.000	FB9104	BP0250-0300-0800-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	30.000	100.000	FB9105	BP0250-0300-1000-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000 x 35.000 mm (0.984 x 1.378 in.)				
25.000	35.000	30.000	FB9110	BP0250-0350-0300-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	35.000	40.000	FB9111	BP0250-0350-0400-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	35.000	50.000	FB9112	BP0250-0350-0500-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	35.000	60.000	FB9113	BP0250-0350-0600-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	35.000	80.000	FB9114	BP0250-0350-0800-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.000	35.000	100.000	FB9445	BP0250-0350-1000-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400 x 26.988 mm (1.000 x 1.063 in.)				
25.400	26.988	38.100	FB800	BP0254-0270-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400 x 28.575 mm (1.000 x 1.125 in.)				
25.400	28.575	25.400	FB801	BP0254-0286-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	28.575	31.750	FB802	BP0254-0286-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	28.575	34.925		BP0254-0286-0349-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	28.575	38.100	FB803	BP0254-0286-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	28.575	44.450		BP0254-0286-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	28.575	50.800	FB805	BP0254-0286-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
25.400 x 28.575 mm		<i>(1.000 x 1.125 in.)</i>		
25.400 +/-0.0254	28.575 +0.051/+0.0762	63.500 +/-0.127	FB806	BP0254-0286-0635-BC9
25.400 +/-0.0254	28.575 +0.051/+0.0762	76.200 +/-0.127	FB807	BP0254-0286-0762-BC9
25.400 x 30.163 mm		<i>(1.000 x 1.188 in.)</i>		
25.400 +/-0.0254	30.163 +0.051/+0.0762	22.225 +/-0.127		BP0254-0302-0222-BC9
25.400 +/-0.0254	30.163 +0.051/+0.0762	25.400 +/-0.127		BP0254-0302-0254-BC9
25.400 +/-0.0254	30.163 +0.051/+0.0762	31.750 +/-0.127		BP0254-0302-0318-BC9
25.400 +/-0.0254	30.163 +0.051/+0.0762	38.100 +/-0.127	FB808	BP0254-0302-0381-BC9
25.400 +/-0.0254	30.163 +0.051/+0.0762	44.450 +/-0.127		BP0254-0302-0445-BC9
25.400 +/-0.0254	30.163 +0.051/+0.0762	50.800 +/-0.127	FB809	BP0254-0302-0508-BC9
25.400 +/-0.0254	30.163 +0.051/+0.0762	63.500 +/-0.127	FB810	BP0254-0302-0635-BC9
25.400 x 31.750 mm		<i>(1.000 x 1.250 in.)</i>		
25.400 +/-0.0254	31.750 +0.051/+0.0762	19.050 +/-0.127		BP0254-0318-0191-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	25.400 +/-0.127	FB811	BP0254-0318-0254-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	28.580 +/-0.127	FB812	BP0254-0318-0286-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	31.750 +/-0.127	FB813	BP0254-0318-0318-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	34.925 +/-0.127		BP0254-0318-0349-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	38.100 +/-0.127	FB814	BP0254-0318-0381-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	41.275 +/-0.127		BP0254-0318-0413-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	44.450 +/-0.127	FB815	BP0254-0318-0445-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	47.625 +/-0.127		BP0254-0318-0476-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	50.800 +/-0.127	FB816	BP0254-0318-0508-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	57.150 +/-0.127		BP0254-0318-0572-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	63.500 +/-0.127	FB818	BP0254-0318-0635-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	69.850 +/-0.127		BP0254-0318-0699-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	76.200 +/-0.127	FB820	BP0254-0318-0762-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	88.900 +/-0.127	FB821	BP0254-0318-0889-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	95.250 +/-0.127		BP0254-0318-0953-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	101.600 +/-0.127	FB822	BP0254-0318-1016-BC9
25.400 +/-0.0254	31.750 +0.051/+0.0762	114.300 +/-0.127		BP0254-0318-1143-BC9
25.400 x 33.338 mm		<i>(1.000 x 1.313 in.)</i>		
25.400 +/-0.0254	33.338 +0.051/+0.0762	38.100 +/-0.127		BP0254-0333-0381-BC9
25.400 +/-0.0254	33.338 +0.051/+0.0762	50.800 +/-0.127		BP0254-0333-0508-BC9
25.400 +/-0.0254	33.338 +0.051/+0.0762	57.150 +/-0.127		BP0254-0333-0572-BC9
25.400 +/-0.0254	33.338 +0.051/+0.0762	63.500 +/-0.127		BP0254-0333-0635-BC9



Usually stocked or Short Delivery

** Available while stocks last **







Long Delivery or Large Minimum Quantities





Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
25.400 x 33.338 mm (1.000 x 1.313 in.)				
25.400	33.338	76.200		BP0254-0333-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	33.338	88.900		BP0254-0333-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	33.338	95.250		BP0254-0333-0953-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400 x 34.925 mm (1.000 x 1.375 in.)				
25.400	34.925	25.400		BP0254-0349-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	31.750		BP0254-0349-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	38.100	FB827	BP0254-0349-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	44.450		BP0254-0349-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	50.800	FB823	BP0254-0349-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	63.500	FB824	BP0254-0349-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	69.850		BP0254-0349-0699-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	76.200	FB825	BP0254-0349-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	82.550		BP0254-0349-0826-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	88.900		BP0254-0349-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	101.600		BP0254-0349-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	34.925	114.300		BP0254-0349-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400 x 38.100 mm (1.000 x 1.500 in.)				
25.400	38.100	38.100		BP0254-0381-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	38.100	44.450		BP0254-0381-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	38.100	50.800		BP0254-0381-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	38.100	63.500		BP0254-0381-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	38.100	76.200		BP0254-0381-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	38.100	101.600		BP0254-0381-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400 x 41.275 mm (1.000 x 1.625 in.)				
25.400	41.275	50.800		BP0254-0413-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	41.275	63.500		BP0254-0413-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	41.275	76.200		BP0254-0413-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	41.275	88.900		BP0254-0413-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400 x 44.450 mm (1.000 x 1.750 in.)				
25.400	44.450	165.100		BP0254-0445-1651-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400 x 50.800 mm (1.000 x 2.000 in.)				
25.400	50.800	76.200		BP0254-0508-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
25.400	50.800	165.100		BP0254-0508-1651-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
26.988 x 33.338 mm (1.063 x 1.313 in.)				
26.988	33.338	38.100		BP0270-0333-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
26.988 x 33.338 mm (1.063 x 1.313 in.)				
26.988 +/-0.0254	33.338 +0.051/+0.0762	50.800 +/-0.127		BP0270-0333-0508-BC9
26.988 +/-0.0254	33.338 +0.051/+0.0762	63.500 +/-0.127		BP0270-0333-0635-BC9
26.988 +/-0.0254	33.338 +0.051/+0.0762	76.200 +/-0.127		BP0270-0333-0762-BC9
26.988 +/-0.0254	33.338 +0.051/+0.0762	88.900 +/-0.127		BP0270-0333-0889-BC9
26.988 x 34.925 mm (1.063 x 1.375 in.)				
26.988 +/-0.0254	34.925 +0.051/+0.0762	25.400 +/-0.127		BP0270-0349-0254-BC9
26.988 +/-0.0254	34.925 +0.051/+0.0762	50.800 +/-0.127		BP0270-0349-0508-BC9
26.988 +/-0.0254	34.925 +0.051/+0.0762	63.500 +/-0.127		BP0270-0349-0635-BC9
26.988 x 36.513 mm (1.063 x 1.438 in.)				
26.988 +/-0.0254	36.513 +0.051/+0.0762	63.500 +/-0.127		BP0270-0365-0635-BC9
26.988 +/-0.0254	36.513 +0.051/+0.0762	76.200 +/-0.127		BP0270-0365-0762-BC9
26.988 +/-0.0254	36.513 +0.051/+0.0762	101.600 +/-0.127		BP0270-0365-1016-BC9
28.575 x 31.750 mm (1.125 x 1.250 in.)				
28.575 +/-0.0254	31.750 +0.051/+0.0762	31.750 +/-0.127	FB900	BP0286-0318-0318-BC9
28.575 +/-0.0254	31.750 +0.051/+0.0762	38.100 +/-0.127		BP0286-0318-0381-BC9
28.575 +/-0.0254	31.750 +0.051/+0.0762	44.450 +/-0.127	FB901	BP0286-0318-0445-BC9
28.575 +/-0.0254	31.750 +0.051/+0.0762	50.800 +/-0.127		BP0286-0318-0508-BC9
28.575 +/-0.0254	31.750 +0.051/+0.0762	57.150 +/-0.127	FB902	BP0286-0318-0572-BC9
28.575 +/-0.0254	31.750 +0.051/+0.0762	69.850 +/-0.127	FB903	BP0286-0318-0699-BC9
28.575 x 33.338 mm (1.125 x 1.313 in.)				
28.575 +/-0.0254	33.338 +0.051/+0.0762	57.150 +/-0.127		BP0286-0333-0572-BC9
28.575 +/-0.0254	33.338 +0.051/+0.0762	63.500 +/-0.127		BP0286-0333-0635-BC9
28.575 x 34.925 mm (1.125 x 1.375 in.)				
28.575 +/-0.0254	34.925 +0.051/+0.0762	25.400 +/-0.127		BP0286-0349-0254-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	31.750 +/-0.127		BP0286-0349-0318-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	38.100 +/-0.127		BP0286-0349-0381-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	44.450 +/-0.127		BP0286-0349-0445-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	50.800 +/-0.127	FB904	BP0286-0349-0508-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	57.150 +/-0.127		BP0286-0349-0572-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	63.500 +/-0.127		BP0286-0349-0635-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	76.200 +/-0.127	FB906	BP0286-0349-0762-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	82.550 +/-0.127		BP0286-0349-0826-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	88.900 +/-0.127	FB907	BP0286-0349-0889-BC9
28.575 +/-0.0254	34.925 +0.051/+0.0762	101.600 +/-0.127	FB908	BP0286-0349-1016-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
28.575 x 36.513 mm (1.125 x 1.438 in.)				
28.575 +/-0.0254	36.513 +0.051/+0.0762	38.100 +/-0.127		BP0286-0365-0381-BC9
28.575 +/-0.0254	36.513 +0.051/+0.0762	63.500 +/-0.127		BP0286-0365-0635-BC9
28.575 +/-0.0254	36.513 +0.051/+0.0762	76.200 +/-0.127		BP0286-0365-0762-BC9
28.575 +/-0.0254	36.513 +0.051/+0.0762	88.900 +/-0.127		BP0286-0365-0889-BC9
28.575 x 38.100 mm (1.125 x 1.500 in.)				
28.575 +/-0.0254	38.100 +0.051/+0.0762	38.100 +/-0.127		BP0286-0381-0381-BC9
28.575 +/-0.0254	38.100 +0.051/+0.0762	50.800 +/-0.127		BP0286-0381-0508-BC9
28.575 +/-0.0254	38.100 +0.051/+0.0762	63.500 +/-0.127		BP0286-0381-0635-BC9
28.575 +/-0.0254	38.100 +0.051/+0.0762	76.200 +/-0.127	FB909	BP0286-0381-0762-BC9
28.575 +/-0.0254	38.100 +0.051/+0.0762	88.900 +/-0.127		BP0286-0381-0889-BC9
28.575 +/-0.0254	38.100 +0.051/+0.0762	101.600 +/-0.127		BP0286-0381-1016-BC9
28.575 x 41.275 mm (1.125 x 1.625 in.)				
28.575 +/-0.0254	41.275 +0.051/+0.0762	44.450 +/-0.127		BP0286-0413-0445-BC9
28.575 +/-0.0254	41.275 +0.051/+0.0762	50.800 +/-0.127		BP0286-0413-0508-BC9
28.575 +/-0.0254	41.275 +0.051/+0.0762	63.500 +/-0.127		BP0286-0413-0635-BC9
28.575 +/-0.0254	41.275 +0.051/+0.0762	76.200 +/-0.127		BP0286-0413-0762-BC9
28.575 +/-0.0254	41.275 +0.051/+0.0762	88.900 +/-0.127		BP0286-0413-0889-BC9
28.575 +/-0.0254	41.275 +0.051/+0.0762	101.600 +/-0.127		BP0286-0413-1016-BC9
28.575 +/-0.0254	41.275 +0.051/+0.0762	114.300 +/-0.127		BP0286-0413-1143-BC9
28.575 x 47.625 mm (1.125 x 1.875 in.)				
28.575 +/-0.0254	47.625 +0.051/+0.0762	165.100 +/-0.127		BP0286-0476-1651-BC9
28.575 x 50.800 mm (1.125 x 2.000 in.)				
28.575 +/-0.0254	50.800 +0.051/+0.0762	76.200 +/-0.127		BP0286-0508-0762-BC9
28.575 +/-0.0254	50.800 +0.051/+0.0762	139.700 +/-0.127		BP0286-0508-1397-BC9
30.000 x 35.000 mm (1.181 x 1.378 in.)				
30.000 +/-0.0254	35.000 +0.051/+0.0762	30.000 +/-0.127	FB9120	BP0300-0350-0300-BC9
30.000 +/-0.0254	35.000 +0.051/+0.0762	40.000 +/-0.127	FB9121	BP0300-0350-0400-BC9
30.000 +/-0.0254	35.000 +0.051/+0.0762	50.000 +/-0.127	FB9122	BP0300-0350-0500-BC9
30.000 +/-0.0254	35.000 +0.051/+0.0762	60.000 +/-0.127	FB9123	BP0300-0350-0600-BC9
30.000 +/-0.0254	35.000 +0.051/+0.0762	80.000 +/-0.127	FB9124	BP0300-0350-0800-BC9
30.000 +/-0.0254	35.000 +0.051/+0.0762	100.000 +/-0.127	FB9125	BP0300-0350-1000-BC9
30.000 x 40.000 mm (1.181 x 1.575 in.)				
30.000 +/-0.0254	40.000 +0.051/+0.0762	30.000 +/-0.127	FB9130	BP0300-0400-0300-BC9
30.000 +/-0.0254	40.000 +0.051/+0.0762	40.000 +/-0.127	FB9131	BP0300-0400-0400-BC9
30.000 +/-0.0254	40.000 +0.051/+0.0762	50.000 +/-0.127	FB9132	BP0300-0400-0500-BC9



Usually stocked or Short Delivery

** Available while stocks last **







Long Delivery or Large Minimum Quantities





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

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
30.000 x 40.000 mm (1.181 x 1.575 in.)				
30.000 +/-0.0254	40.000 +0.051/+0.0762	60.000 +/-0.127	FB9133	BP0300-0400-0600-BC9
30.000 +/-0.0254	40.000 +0.051/+0.0762	80.000 +/-0.127	FB9134	BP0300-0400-0800-BC9
30.000 +/-0.0254	40.000 +0.051/+0.0762	100.000 +/-0.127	FB9135	BP0300-0400-1000-BC9
30.163 x 34.925 mm (1.188 x 1.375 in.)				
30.163 +/-0.0254	34.925 +0.051/+0.0762	44.450 +/-0.127		BP0302-0349-0445-BC9
30.163 +/-0.0254	34.925 +0.051/+0.0762	50.800 +/-0.127		BP0302-0349-0508-BC9
30.163 +/-0.0254	34.925 +0.051/+0.0762	63.500 +/-0.127		BP0302-0349-0635-BC9
30.163 x 36.513 mm (1.188 x 1.438 in.)				
30.163 +/-0.0254	36.513 +0.051/+0.0762	31.750 +/-0.127		BP0302-0365-0318-BC9
30.163 +/-0.0254	36.513 +0.051/+0.0762	38.100 +/-0.127		BP0302-0365-0381-BC9
30.163 +/-0.0254	36.513 +0.051/+0.0762	50.800 +/-0.127		BP0302-0365-0508-BC9
30.163 +/-0.0254	36.513 +0.051/+0.0762	63.500 +/-0.127		BP0302-0365-0635-BC9
30.163 +/-0.0254	36.513 +0.051/+0.0762	76.200 +/-0.127		BP0302-0365-0762-BC9
30.163 +/-0.0254	36.513 +0.051/+0.0762	88.900 +/-0.127		BP0302-0365-0889-BC9
30.163 x 38.100 mm (1.188 x 1.500 in.)				
30.163 +/-0.0254	38.100 +0.051/+0.0762	50.800 +/-0.127		BP0302-0381-0508-BC9
30.163 +/-0.0254	38.100 +0.051/+0.0762	76.200 +/-0.127		BP0302-0381-0762-BC9
30.163 +/-0.0254	38.100 +0.051/+0.0762	101.600 +/-0.127		BP0302-0381-1016-BC9
30.163 x 39.688 mm (1.188 x 1.563 in.)				
30.163 +/-0.0254	39.688 +0.051/+0.0762	38.100 +/-0.127		BP0302-0397-0381-BC9
30.163 +/-0.0254	39.688 +0.051/+0.0762	63.500 +/-0.127		BP0302-0397-0635-BC9
30.163 +/-0.0254	39.688 +0.051/+0.0762	76.200 +/-0.127		BP0302-0397-0762-BC9
30.163 +/-0.0254	39.688 +0.051/+0.0762	88.900 +/-0.127		BP0302-0397-0889-BC9
30.163 x 41.275 mm (1.188 x 1.625 in.)				
30.163 +/-0.0254	41.275 +0.051/+0.0762	50.800 +/-0.127		BP0302-0413-0508-BC9
30.163 +/-0.0254	41.275 +0.051/+0.0762	63.500 +/-0.127		BP0302-0413-0635-BC9
30.163 +/-0.0254	41.275 +0.051/+0.0762	76.200 +/-0.127		BP0302-0413-0762-BC9
30.163 x 42.863 mm (1.188 x 1.688 in.)				
30.163 +/-0.0254	42.863 +0.051/+0.0762	50.800 +/-0.127		BP0302-0429-0508-BC9
30.163 +/-0.0254	42.863 +0.051/+0.0762	63.500 +/-0.127		BP0302-0429-0635-BC9
30.163 +/-0.0254	42.863 +0.051/+0.0762	76.200 +/-0.127		BP0302-0429-0762-BC9
30.163 +/-0.0254	42.863 +0.051/+0.0762	88.900 +/-0.127		BP0302-0429-0889-BC9
31.750 x 34.925 mm (1.250 x 1.375 in.)				
31.750 +/-0.0254	34.925 +0.051/+0.0762	38.100 +/-0.127	FB1000	BP0318-0349-0381-BC9
31.750 +/-0.0254	34.925 +0.051/+0.0762	76.200 +/-0.127	FB1001	BP0318-0349-0762-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
31.750 x 36.513 mm		<i>(1.250 x 1.438 in.)</i>		
31.750 +/-0.0254	36.513 +0.051/+0.0762	50.800 +/-0.127		BP0318-0365-0508-BC9
31.750 +/-0.0254	36.513 +0.051/+0.0762	63.500 +/-0.127		BP0318-0365-0635-BC9
31.750 +/-0.0254	36.513 +0.051/+0.0762	76.200 +/-0.127		BP0318-0365-0762-BC9
31.750 x 38.100 mm		<i>(1.250 x 1.500 in.)</i>		
31.750 +/-0.0254	38.100 +0.051/+0.0762	25.400 +/-0.127	FB912	BP0318-0381-0254-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	28.575 +/-0.127		BP0318-0381-0286-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	31.750 +/-0.127		BP0318-0381-0318-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	34.925 +/-0.127		BP0318-0381-0349-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	38.100 +/-0.127	FB914	BP0318-0381-0381-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	41.275 +/-0.127		BP0318-0381-0413-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	44.450 +/-0.127	FB1002	BP0318-0381-0445-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	50.800 +/-0.127	FB1003	BP0318-0381-0508-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	57.150 +/-0.127		BP0318-0381-0572-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	63.500 +/-0.127	FB1004	BP0318-0381-0635-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	69.850 +/-0.127		BP0318-0381-0699-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	76.200 +/-0.127	FB1005	BP0318-0381-0762-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	82.550 +/-0.127		BP0318-0381-0826-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	88.900 +/-0.127	FB1007	BP0318-0381-0889-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	101.600 +/-0.127	FB1008	BP0318-0381-1016-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	107.950 +/-0.127		BP0318-0381-1080-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	114.300 +/-0.127		BP0318-0381-1143-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	127.000 +/-0.127		BP0318-0381-1270-BC9
31.750 +/-0.0254	38.100 +0.051/+0.0762	139.700 +/-0.127		BP0318-0381-1397-BC9
31.750 x 39.688 mm		<i>(1.250 x 1.563 in.)</i>		
31.750 +/-0.0254	39.688 +0.051/+0.0762	50.800 +/-0.127		BP0318-0397-0508-BC9
31.750 +/-0.0254	39.688 +0.051/+0.0762	63.500 +/-0.127		BP0318-0397-0635-BC9
31.750 +/-0.0254	39.688 +0.051/+0.0762	76.200 +/-0.127		BP0318-0397-0762-BC9
31.750 +/-0.0254	39.688 +0.051/+0.0762	88.900 +/-0.127		BP0318-0397-0889-BC9
31.750 +/-0.0254	39.688 +0.051/+0.0762	95.250 +/-0.127		BP0318-0397-0953-BC9
31.750 x 41.275 mm		<i>(1.250 x 1.625 in.)</i>		
31.750 +/-0.0254	41.275 +0.051/+0.0762	44.450 +/-0.127	FB1009	BP0318-0413-0445-BC9
31.750 +/-0.0254	41.275 +0.051/+0.0762	50.800 +/-0.127		BP0318-0413-0508-BC9
31.750 +/-0.0254	41.275 +0.051/+0.0762	63.500 +/-0.127		BP0318-0413-0635-BC9
31.750 +/-0.0254	41.275 +0.051/+0.0762	76.200 +/-0.127		BP0318-0413-0762-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
31.750 x 41.275 mm (1.250 x 1.625 in.)				
31.750 +/-0.0254	41.275 +0.051/+0.0762	82.550 +/-0.127		BP0318-0413-0826-BC9
31.750 +/-0.0254	41.275 +0.051/+0.0762	88.900 +/-0.127		BP0318-0413-0889-BC9
31.750 +/-0.0254	41.275 +0.051/+0.0762	101.600 +/-0.127		BP0318-0413-1016-BC9
31.750 +/-0.0254	41.275 +0.051/+0.0762	114.300 +/-0.127		BP0318-0413-1143-BC9
31.750 +/-0.0254	41.275 +0.051/+0.0762	120.650 +/-0.127		BP0318-0413-1207-BC9
31.750 x 42.863 mm (1.250 x 1.688 in.)				
31.750 +/-0.0254	42.863 +0.051/+0.0762	50.800 +/-0.127		BP0318-0429-0508-BC9
31.750 +/-0.0254	42.863 +0.051/+0.0762	63.500 +/-0.127		BP0318-0429-0635-BC9
31.750 +/-0.0254	42.863 +0.051/+0.0762	82.550 +/-0.127		BP0318-0429-0826-BC9
31.750 +/-0.0254	42.863 +0.051/+0.0762	88.900 +/-0.127		BP0318-0429-0889-BC9
31.750 x 44.450 mm (1.250 x 1.750 in.)				
31.750 +/-0.0254	44.450 +0.051/+0.0762	31.750 +/-0.127		BP0318-0445-0318-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	44.450 +/-0.127		BP0318-0445-0445-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	50.800 +/-0.127		BP0318-0445-0508-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	57.150 +/-0.127		BP0318-0445-0572-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	63.500 +/-0.127		BP0318-0445-0635-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	69.850 +/-0.127		BP0318-0445-0699-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	76.200 +/-0.127		BP0318-0445-0762-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	88.900 +/-0.127		BP0318-0445-0889-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	95.250 +/-0.127		BP0318-0445-0953-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	101.600 +/-0.127		BP0318-0445-1016-BC9
31.750 +/-0.0254	44.450 +0.051/+0.0762	127.000 +/-0.127		BP0318-0445-1270-BC9
31.750 x 47.625 mm (1.250 x 1.875 in.)				
31.750 +/-0.0254	47.625 +0.051/+0.0762	50.800 +/-0.127		BP0318-0476-0508-BC9
31.750 +/-0.0254	47.625 +0.051/+0.0762	63.500 +/-0.127		BP0318-0476-0635-BC9
31.750 +/-0.0254	47.625 +0.051/+0.0762	76.200 +/-0.127		BP0318-0476-0762-BC9
31.750 +/-0.0254	47.625 +0.051/+0.0762	101.600 +/-0.127		BP0318-0476-1016-BC9
31.750 x 50.800 mm (1.250 x 2.000 in.)				
31.750 +/-0.0254	50.800 +0.051/+0.0762	76.200 +/-0.127		BP0318-0508-0762-BC9
31.750 +/-0.0254	50.800 +0.051/+0.0762	101.600 +/-0.127		BP0318-0508-1016-BC9
31.750 +/-0.0254	50.800 +0.051/+0.0762	165.100 +/-0.127		BP0318-0508-1651-BC9
33.338 x 38.100 mm (1.313 x 1.500 in.)				
33.338 +/-0.0254	38.100 +0.051/+0.0762	44.450 +/-0.127		BP0333-0381-0445-BC9
33.338 +/-0.0254	38.100 +0.051/+0.0762	76.200 +/-0.127		BP0333-0381-0762-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
33.338 x 39.688 mm (1.313 x 1.563 in.)				
33.338	39.688	76.200		BP0333-0397-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	39.688	88.900		BP0333-0397-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	39.688	101.600		BP0333-0397-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338 x 41.275 mm (1.313 x 1.625 in.)				
33.338	41.275	50.800		BP0333-0413-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	41.275	63.500		BP0333-0413-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	41.275	76.200		BP0333-0413-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	41.275	101.600		BP0333-0413-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	41.275	120.650		BP0333-0413-1207-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338 x 42.863 mm (1.313 x 1.688 in.)				
33.338	42.863	63.500		BP0333-0429-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	42.863	76.200		BP0333-0429-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	42.863	101.600		BP0333-0429-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338 x 46.038 mm (1.313 x 1.813 in.)				
33.338	46.038	76.200		BP0333-0460-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	46.038	101.600		BP0333-0460-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338 x 47.625 mm (1.313 x 1.875 in.)				
33.338	47.625	88.900		BP0333-0476-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
33.338	47.625	114.300		BP0333-0476-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925 x 38.100 mm (1.375 x 1.500 in.)				
34.925	38.100	44.450		BP0349-0381-0445-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	38.100	50.800		BP0349-0381-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	38.100	63.500		BP0349-0381-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925 x 41.275 mm (1.375 x 1.625 in.)				
34.925	41.275	31.750		BP0349-0413-0318-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	41.275	38.100		BP0349-0413-0381-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	41.275	50.800	FB1010	BP0349-0413-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	41.275	76.200	FB1011	BP0349-0413-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	41.275	82.550		BP0349-0413-0826-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	41.275	88.900		BP0349-0413-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	41.275	101.600		BP0349-0413-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925	41.275	114.300		BP0349-0413-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
34.925 x 42.863 mm (1.375 x 1.688 in.)				
34.925	42.863	88.900		BP0349-0429-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
34.925 x 44.450 mm (1.375 x 1.750 in.)				
34.925 +/-0.0254	44.450 +0.051/+0.0762	50.800 +/-0.127		BP0349-0445-0508-BC9
34.925 +/-0.0254	44.450 +0.051/+0.0762	57.150 +/-0.127		BP0349-0445-0572-BC9
34.925 +/-0.0254	44.450 +0.051/+0.0762	63.500 +/-0.127		BP0349-0445-0635-BC9
34.925 +/-0.0254	44.450 +0.051/+0.0762	76.200 +/-0.127		BP0349-0445-0762-BC9
34.925 +/-0.0254	44.450 +0.051/+0.0762	88.900 +/-0.127		BP0349-0445-0889-BC9
34.925 +/-0.0254	44.450 +0.051/+0.0762	101.600 +/-0.127	FB1012	BP0349-0445-1016-BC9
34.925 x 47.625 mm (1.375 x 1.875 in.)				
34.925 +/-0.0254	47.625 +0.051/+0.0762	76.200 +/-0.127		BP0349-0476-0762-BC9
34.925 +/-0.0254	47.625 +0.051/+0.0762	88.900 +/-0.127		BP0349-0476-0889-BC9
34.925 +/-0.0254	47.625 +0.051/+0.0762	101.600 +/-0.127		BP0349-0476-1016-BC9
34.925 +/-0.0254	47.625 +0.051/+0.0762	114.300 +/-0.127		BP0349-0476-1143-BC9
34.925 x 50.800 mm (1.375 x 2.000 in.)				
34.925 +/-0.0254	50.800 +0.051/+0.0762	76.200 +/-0.127		BP0349-0508-0762-BC9
34.925 +/-0.0254	50.800 +0.051/+0.0762	101.600 +/-0.127		BP0349-0508-1016-BC9
34.925 x 53.975 mm (1.375 x 2.125 in.)				
34.925 +/-0.0254	53.975 +0.051/+0.0762	165.100 +/-0.127		BP0349-0540-1651-BC9
35.000 x 40.000 mm (1.378 x 1.575 in.)				
35.000 +/-0.0254	40.000 +0.051/+0.0762	40.000 +/-0.127	FB9140	BP0350-0400-0400-BC9
35.000 +/-0.0254	40.000 +0.051/+0.0762	50.000 +/-0.127	FB9141	BP0350-0400-0500-BC9
35.000 +/-0.0254	40.000 +0.051/+0.0762	60.000 +/-0.127	FB9142	BP0350-0400-0600-BC9
35.000 +/-0.0254	40.000 +0.051/+0.0762	80.000 +/-0.127	FB9143	BP0350-0400-0800-BC9
35.000 +/-0.0254	40.000 +0.051/+0.0762	100.000 +/-0.127	FB9144	BP0350-0400-1000-BC9
35.000 x 45.000 mm (1.378 x 1.772 in.)				
35.000 +/-0.0254	45.000 +0.051/+0.0762	40.000 +/-0.127	FB9150	BP0350-0450-0400-BC9
35.000 +/-0.0254	45.000 +0.051/+0.0762	50.000 +/-0.127	FB9151	BP0350-0450-0500-BC9
35.000 +/-0.0254	45.000 +0.051/+0.0762	60.000 +/-0.127	FB9152	BP0350-0450-0600-BC9
35.000 +/-0.0254	45.000 +0.051/+0.0762	80.000 +/-0.127	FB9153	BP0350-0450-0800-BC9
35.000 +/-0.0254	45.000 +0.051/+0.0762	100.000 +/-0.127	FB9154	BP0350-0450-1000-BC9
36.513 x 41.275 mm (1.438 x 1.625 in.)				
36.513 +/-0.0254	41.275 +0.051/+0.0762	44.450 +/-0.127		BP0365-0413-0445-BC9
36.513 +/-0.0254	41.275 +0.051/+0.0762	69.850 +/-0.127		BP0365-0413-0699-BC9
36.513 +/-0.0254	41.275 +0.051/+0.0762	76.200 +/-0.127		BP0365-0413-0762-BC9
36.513 x 42.863 mm (1.438 x 1.688 in.)				
36.513 +/-0.0254	42.863 +0.051/+0.0762	63.500 +/-0.127		BP0365-0429-0635-BC9
36.513 +/-0.0254	42.863 +0.051/+0.0762	76.200 +/-0.127		BP0365-0429-0762-BC9



Usually stocked or Short Delivery

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




Long Delivery or Large Minimum Quantities





Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
36.513 x 42.863 mm (1.438 x 1.688 in.)				
36.513	42.863	88.900		BP0365-0429-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	42.863	101.600		BP0365-0429-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	42.863	107.950		BP0365-0429-1080-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513 x 44.450 mm (1.438 x 1.750 in.)				
36.513	44.450	57.150		BP0365-0445-0572-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	44.450	76.200		BP0365-0445-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	44.450	101.600		BP0365-0445-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513 x 46.038 mm (1.438 x 1.813 in.)				
36.513	46.038	76.200		BP0365-0460-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	46.038	82.550		BP0365-0460-0826-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	46.038	88.900		BP0365-0460-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	46.038	101.600		BP0365-0460-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	46.038	107.950		BP0365-0460-1080-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	46.038	127.000		BP0365-0460-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513 x 47.625 mm (1.438 x 1.875 in.)				
36.513	47.625	76.200		BP0365-0476-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	47.625	101.600		BP0365-0476-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	47.625	114.300		BP0365-0476-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	47.625	127.000		BP0365-0476-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513 x 49.213 mm (1.438 x 1.938 in.)				
36.513	49.213	50.800		BP0365-0492-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	49.213	76.200		BP0365-0492-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	49.213	88.900		BP0365-0492-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	49.213	101.600		BP0365-0492-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	49.213	114.300		BP0365-0492-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	49.213	127.000		BP0365-0492-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513	49.213	139.700		BP0365-0492-1397-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
36.513 x 50.800 mm (1.438 x 2.000 in.)				
36.513	50.800	101.600		BP0365-0508-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
38.100 x 41.275 mm (1.500 x 1.625 in.)				
38.100	41.275	50.800	FB1013	BP0381-0413-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
38.100 x 42.863 mm (1.500 x 1.688 in.)				
38.100	42.863	69.850		BP0381-0429-0699-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
38.100 x 44.450 mm (1.500 x 1.750 in.)				
38.100	44.450	25.400		BP0381-0445-0254-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
38.100 x 44.450 mm		<i>(1.500 x 1.750 in.)</i>		
38.100 +/-0.0254	44.450 +0.051/+0.0762	31.750 +/-0.127		BP0381-0445-0318-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	38.100 +/-0.127	FB996	BP0381-0445-0381-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	44.445 +/-0.127		BP0381-0445-0444-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	44.450 +/-0.127		BP0381-0445-0445-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	50.800 +/-0.127	FB998	BP0381-0445-0508-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	57.150 +/-0.127		BP0381-0445-0572-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	63.500 +/-0.127	FB1014	BP0381-0445-0635-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	76.200 +/-0.127	FB1015	BP0381-0445-0762-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	88.900 +/-0.127	FB1016	BP0381-0445-0889-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	101.600 +/-0.127	FB1017	BP0381-0445-1016-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	114.300 +/-0.127		BP0381-0445-1143-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	127.000 +/-0.127		BP0381-0445-1270-BC9
38.100 +/-0.0254	44.450 +0.051/+0.0762	139.700 +/-0.127		BP0381-0445-1397-BC9
38.100 x 46.038 mm		<i>(1.500 x 1.813 in.)</i>		
38.100 +/-0.0254	46.038 +0.051/+0.0762	76.200 +/-0.127		BP0381-0460-0762-BC9
38.100 x 47.625 mm		<i>(1.500 x 1.875 in.)</i>		
38.100 +/-0.0254	47.625 +0.051/+0.0762	38.100 +/-0.127		BP0381-0476-0381-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	50.800 +/-0.127		BP0381-0476-0508-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	63.500 +/-0.127		BP0381-0476-0635-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	69.850 +/-0.127		BP0381-0476-0699-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	76.200 +/-0.127		BP0381-0476-0762-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	88.900 +/-0.127		BP0381-0476-0889-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	101.600 +/-0.127		BP0381-0476-1016-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	114.300 +/-0.127		BP0381-0476-1143-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	127.000 +/-0.127		BP0381-0476-1270-BC9
38.100 +/-0.0254	47.625 +0.051/+0.0762	139.700 +/-0.127		BP0381-0476-1397-BC9
38.100 x 50.800 mm		<i>(1.500 x 2.000 in.)</i>		
38.100 +/-0.0254	50.800 +0.051/+0.0762	50.800 +/-0.127		BP0381-0508-0508-BC9
38.100 +/-0.0254	50.800 +0.051/+0.0762	63.500 +/-0.127	FB1020	BP0381-0508-0635-BC9
38.100 +/-0.0254	50.800 +0.051/+0.0762	76.200 +/-0.127	FB1021	BP0381-0508-0762-BC9
38.100 +/-0.0254	50.800 +0.051/+0.0762	88.900 +/-0.127	FB1022	BP0381-0508-0889-BC9
38.100 +/-0.0254	50.800 +0.051/+0.0762	101.600 +/-0.127	FB1023	BP0381-0508-1016-BC9
38.100 +/-0.0254	50.800 +0.051/+0.0762	114.300 +/-0.127		BP0381-0508-1143-BC9
38.100 +/-0.0254	50.800 +0.051/+0.0762	127.000 +/-0.127		BP0381-0508-1270-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
38.100 x 53.975 mm (1.500 x 2.125 in.)				
38.100 +/-0.0254	53.975 +0.051/+0.0762	76.200 +/-0.127		BP0381-0540-0762-BC9
38.100 +/-0.0254	53.975 +0.051/+0.0762	101.600 +/-0.127		BP0381-0540-1016-BC9
38.100 x 57.150 mm (1.500 x 2.250 in.)				
38.100 +/-0.0254	57.150 +0.051/+0.0762	76.200 +/-0.127		BP0381-0572-0762-BC9
38.100 +/-0.0254	57.150 +0.051/+0.0762	101.600 +/-0.127		BP0381-0572-1016-BC9
38.100 +/-0.0254	57.150 +0.051/+0.0762	127.000 +/-0.127		BP0381-0572-1270-BC9
38.100 +/-0.0254	57.150 +0.051/+0.0762	165.100 +/-0.127		BP0381-0572-1651-BC9
39.688 x 46.038 mm (1.563 x 1.813 in.)				
39.688 +/-0.0254	46.038 +0.051/+0.0762	76.200 +/-0.127		BP0397-0460-0762-BC9
39.688 +/-0.0254	46.038 +0.051/+0.0762	88.900 +/-0.127		BP0397-0460-0889-BC9
39.688 +/-0.0254	46.038 +0.051/+0.0762	101.600 +/-0.127		BP0397-0460-1016-BC9
39.688 x 49.213 mm (1.563 x 1.938 in.)				
39.688 +/-0.0254	49.213 +0.051/+0.0762	88.900 +/-0.127		BP0397-0492-0889-BC9
39.688 +/-0.0254	49.213 +0.051/+0.0762	114.300 +/-0.127		BP0397-0492-1143-BC9
40.000 x 45.000 mm (1.575 x 1.772 in.)				
40.000 +/-0.0254	45.000 +0.051/+0.0762	40.000 +/-0.127		BP0400-0450-0400-BC9
40.000 +/-0.0254	45.000 +0.051/+0.0762	50.000 +/-0.127		BP0400-0450-0500-BC9
40.000 +/-0.0254	45.000 +0.051/+0.0762	60.000 +/-0.127		BP0400-0450-0600-BC9
40.000 +/-0.0254	45.000 +0.051/+0.0762	80.000 +/-0.127		BP0400-0450-0800-BC9
40.000 +/-0.0254	45.000 +0.051/+0.0762	100.000 +/-0.127		BP0400-0450-1000-BC9
40.000 x 50.000 mm (1.575 x 1.969 in.)				
40.000 +/-0.0254	50.000 +0.051/+0.0762	40.000 +/-0.127		BP0400-0500-0400-BC9
40.000 +/-0.0254	50.000 +0.051/+0.0762	50.000 +/-0.127		BP0400-0500-0500-BC9
40.000 +/-0.0254	50.000 +0.051/+0.0762	60.000 +/-0.127		BP0400-0500-0600-BC9
40.000 +/-0.0254	50.000 +0.051/+0.0762	80.000 +/-0.127		BP0400-0500-0800-BC9
40.000 +/-0.0254	50.000 +0.051/+0.0762	100.000 +/-0.127		BP0400-0500-1000-BC9
41.275 x 47.625 mm (1.625 x 1.875 in.)				
41.275 +/-0.0254	47.625 +0.051/+0.0762	57.150 +/-0.127		BP0413-0476-0572-BC9
41.275 +/-0.0254	47.625 +0.051/+0.0762	76.200 +/-0.127		BP0413-0476-0762-BC9
41.275 +/-0.0254	47.625 +0.051/+0.0762	95.250 +/-0.127		BP0413-0476-0953-BC9
41.275 x 50.800 mm (1.625 x 2.000 in.)				
41.275 +/-0.0254	50.800 +0.051/+0.0762	44.450 +/-0.127		BP0413-0508-0445-BC9
41.275 +/-0.0254	50.800 +0.051/+0.0762	63.500 +/-0.127		BP0413-0508-0635-BC9
41.275 +/-0.0254	50.800 +0.051/+0.0762	76.200 +/-0.127		BP0413-0508-0762-BC9
41.275 +/-0.0254	50.800 +0.051/+0.0762	88.900 +/-0.127		BP0413-0508-0889-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
41.275 x 50.800 mm (1.625 x 2.000 in.)				
41.275 +/-0.0254	50.800 +0.051/+0.0762	101.600 +/-0.127		BP0413-0508-1016-BC9
41.275 +/-0.0254	50.800 +0.051/+0.0762	114.300 +/-0.127		BP0413-0508-1143-BC9
41.275 +/-0.0254	50.800 +0.051/+0.0762	127.000 +/-0.127		BP0413-0508-1270-BC9
41.275 +/-0.0254	50.800 +0.051/+0.0762	139.700 +/-0.127		BP0413-0508-1397-BC9
41.275 x 53.975 mm (1.625 x 2.125 in.)				
41.275 +/-0.0254	53.975 +0.051/+0.0762	76.200 +/-0.127		BP0413-0540-0762-BC9
41.275 +/-0.0254	53.975 +0.051/+0.0762	101.600 +/-0.127		BP0413-0540-1016-BC9
41.275 +/-0.0254	53.975 +0.051/+0.0762	114.300 +/-0.127		BP0413-0540-1143-BC9
41.275 +/-0.0254	53.975 +0.051/+0.0762	127.000 +/-0.127		BP0413-0540-1270-BC9
42.863 x 49.213 mm (1.688 x 1.938 in.)				
42.863 +/-0.0254	49.213 +0.051/+0.0762	76.200 +/-0.127		BP0429-0492-0762-BC9
42.863 +/-0.0254	49.213 +0.051/+0.0762	88.900 +/-0.127		BP0429-0492-0889-BC9
42.863 x 50.800 mm (1.688 x 2.000 in.)				
42.863 +/-0.0254	50.800 +0.051/+0.0762	88.900 +/-0.127		BP0429-0508-0889-BC9
42.863 +/-0.0254	50.800 +0.051/+0.0762	114.300 +/-0.127		BP0429-0508-1143-BC9
42.863 x 52.388 mm (1.688 x 2.063 in.)				
42.863 +/-0.0254	52.388 +0.051/+0.0762	76.200 +/-0.127		BP0429-0524-0762-BC9
42.863 +/-0.0254	52.388 +0.051/+0.0762	88.900 +/-0.127		BP0429-0524-0889-BC9
42.863 +/-0.0254	52.388 +0.051/+0.0762	101.600 +/-0.127		BP0429-0524-1016-BC9
42.863 +/-0.0254	52.388 +0.051/+0.0762	114.300 +/-0.127		BP0429-0524-1143-BC9
42.863 +/-0.0254	52.388 +0.051/+0.0762	127.000 +/-0.127		BP0429-0524-1270-BC9
42.863 +/-0.0254	52.388 +0.051/+0.0762	139.700 +/-0.127		BP0429-0524-1397-BC9
42.863 x 55.563 mm (1.688 x 2.188 in.)				
42.863 +/-0.0254	55.563 +0.051/+0.0762	50.800 +/-0.127		BP0429-0556-0508-BC9
42.863 +/-0.0254	55.563 +0.051/+0.0762	63.500 +/-0.127		BP0429-0556-0635-BC9
42.863 +/-0.0254	55.563 +0.051/+0.0762	76.200 +/-0.127		BP0429-0556-0762-BC9
42.863 +/-0.0254	55.563 +0.051/+0.0762	88.900 +/-0.127		BP0429-0556-0889-BC9
42.863 +/-0.0254	55.563 +0.051/+0.0762	101.600 +/-0.127		BP0429-0556-1016-BC9
42.863 +/-0.0254	55.563 +0.051/+0.0762	114.300 +/-0.127		BP0429-0556-1143-BC9
42.863 +/-0.0254	55.563 +0.051/+0.0762	139.700 +/-0.127		BP0429-0556-1397-BC9
42.863 x 57.150 mm (1.688 x 2.250 in.)				
42.863 +/-0.0254	57.150 +0.051/+0.0762	76.200 +/-0.127		BP0429-0572-0762-BC9
42.863 +/-0.0254	57.150 +0.051/+0.0762	114.300 +/-0.127		BP0429-0572-1143-BC9
44.450 x 50.800 mm (1.750 x 2.000 in.)				
44.450 +/-0.0254	50.800 +0.051/+0.0762	38.100 +/-0.127		BP0445-0508-0381-BC9



Usually stocked or Short Delivery

** Available while stocks last **



Long Delivery or Large Minimum Quantities



Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
44.450 x 50.800 mm (1.750 x 2.000 in.)				
44.450 +/-0.0254	50.800 +0.051/+0.0762	50.800 +/-0.127		BP0445-0508-0508-BC9
44.450 +/-0.0254	50.800 +0.051/+0.0762	57.150 +/-0.127		BP0445-0508-0572-BC9
44.450 +/-0.0254	50.800 +0.051/+0.0762	63.500 +/-0.127	FB1030	BP0445-0508-0635-BC9
44.450 +/-0.0254	50.800 +0.051/+0.0762	76.200 +/-0.127	FB1031	BP0445-0508-0762-BC9
44.450 +/-0.0254	50.800 +0.051/+0.0762	88.900 +/-0.127	FB1032	BP0445-0508-0889-BC9
44.450 +/-0.0254	50.800 +0.051/+0.0762	101.600 +/-0.127	FB1033	BP0445-0508-1016-BC9
44.450 +/-0.0254	50.800 +0.051/+0.0762	114.300 +/-0.127		BP0445-0508-1143-BC9
44.450 +/-0.0254	50.800 +0.051/+0.0762	133.350 +/-0.127		BP0445-0508-1334-BC9
44.450 x 52.388 mm (1.750 x 2.063 in.)				
44.450 +/-0.0254	52.388 +0.051/+0.0762	88.900 +/-0.127		BP0445-0524-0889-BC9
44.450 x 53.975 mm (1.750 x 2.125 in.)				
44.450 +/-0.0254	53.975 +0.051/+0.0762	63.500 +/-0.127		BP0445-0540-0635-BC9
44.450 +/-0.0254	53.975 +0.051/+0.0762	69.850 +/-0.127		BP0445-0540-0699-BC9
44.450 +/-0.0254	53.975 +0.051/+0.0762	82.550 +/-0.127		BP0445-0540-0826-BC9
44.450 +/-0.0254	53.975 +0.051/+0.0762	88.900 +/-0.127		BP0445-0540-0889-BC9
44.450 +/-0.0254	53.975 +0.051/+0.0762	101.600 +/-0.127	FB1018	BP0445-0540-1016-BC9
44.450 +/-0.0254	53.975 +0.051/+0.0762	107.950 +/-0.127		BP0445-0540-1080-BC9
44.450 +/-0.0254	53.975 +0.051/+0.0762	127.000 +/-0.127		BP0445-0540-1270-BC9
44.450 +/-0.0254	53.975 +0.051/+0.0762	139.700 +/-0.127		BP0445-0540-1397-BC9
44.450 x 57.150 mm (1.750 x 2.250 in.)				
44.450 +/-0.0254	57.150 +0.051/+0.0762	44.450 +/-0.127		BP0445-0572-0445-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	50.800 +/-0.127		BP0445-0572-0508-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	57.150 +/-0.127	FB1036	BP0445-0572-0572-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	63.500 +/-0.127		BP0445-0572-0635-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	76.200 +/-0.127	FB1037	BP0445-0572-0762-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	88.900 +/-0.127	FB1038	BP0445-0572-0889-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	101.600 +/-0.127		BP0445-0572-1016-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	107.950 +/-0.127		BP0445-0572-1080-BC9
44.450 +/-0.0254	57.150 +0.051/+0.0762	127.000 +/-0.127		BP0445-0572-1270-BC9
44.450 x 60.325 mm (1.750 x 2.375 in.)				
44.450 +/-0.0254	60.325 +0.051/+0.0762	88.900 +/-0.127		BP0445-0603-0889-BC9
44.450 +/-0.0254	60.325 +0.051/+0.0762	114.300 +/-0.127		BP0445-0603-1143-BC9
44.450 +/-0.0254	60.325 +0.051/+0.0762	127.000 +/-0.127		BP0445-0603-1270-BC9
44.450 x 63.500 mm (1.750 x 2.500 in.)				
44.450 +/-0.0254	63.500 +0.051/+0.0762	101.600 +/-0.127	FB1039	BP0445-0635-1016-BC9



Usually stocked or Short Delivery

** Available while stocks last **







Long Delivery or Large Minimum Quantities



Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
44.450 x 63.500 mm (1.750 x 2.500 in.)				
44.450 +/-0.0254	63.500 +0.051/+0.0762	165.100 +/-0.127		BP0445-0635-1651-BC9
45.000 x 55.000 mm (1.772 x 2.165 in.)				
45.000 +/-0.0254	55.000 +0.051/+0.0762	50.000 +/-0.127	FB9190	BP0450-0550-0500-BC9
45.000 +/-0.0254	55.000 +0.051/+0.0762	60.000 +/-0.127	FB9191	BP0450-0550-0600-BC9
45.000 +/-0.0254	55.000 +0.051/+0.0762	80.000 +/-0.127	FB9192	BP0450-0550-0800-BC9
45.000 +/-0.0254	55.000 +0.051/+0.0762	100.000 +/-0.127	FB9193	BP0450-0550-1000-BC9
46.038 x 55.563 mm (1.813 x 2.188 in.)				
46.038 +/-0.0254	55.563 +0.051/+0.0762	101.600 +/-0.127		BP0460-0556-1016-BC9
46.038 +/-0.0254	55.563 +0.051/+0.0762	133.350 +/-0.127		BP0460-0556-1334-BC9
46.038 x 58.738 mm (1.813 x 2.313 in.)				
46.038 +/-0.0254	58.738 +0.051/+0.0762	101.600 +/-0.127		BP0460-0587-1016-BC9
46.038 +/-0.0254	58.738 +0.051/+0.0762	127.000 +/-0.127		BP0460-0587-1270-BC9
47.625 x 53.975 mm (1.875 x 2.125 in.)				
47.625 +/-0.0254	53.975 +0.051/+0.0762	63.500 +/-0.127		BP0476-0540-0635-BC9
47.625 +/-0.0254	53.975 +0.051/+0.0762	76.200 +/-0.127		BP0476-0540-0762-BC9
47.625 +/-0.0254	53.975 +0.051/+0.0762	101.600 +/-0.127		BP0476-0540-1016-BC9
47.625 x 57.150 mm (1.875 x 2.250 in.)				
47.625 +/-0.0254	57.150 +0.051/+0.0762	76.200 +/-0.127		BP0476-0572-0762-BC9
47.625 +/-0.0254	57.150 +0.051/+0.0762	82.550 +/-0.127		BP0476-0572-0826-BC9
47.625 +/-0.0254	57.150 +0.051/+0.0762	101.600 +/-0.127		BP0476-0572-1016-BC9
47.625 +/-0.0254	57.150 +0.051/+0.0762	127.000 +/-0.127		BP0476-0572-1270-BC9
47.625 x 60.325 mm (1.875 x 2.375 in.)				
47.625 +/-0.0254	60.325 +0.051/+0.0762	76.200 +/-0.127		BP0476-0603-0762-BC9
47.625 +/-0.0254	60.325 +0.051/+0.0762	101.600 +/-0.127		BP0476-0603-1016-BC9
47.625 +/-0.0254	60.325 +0.051/+0.0762	133.350 +/-0.127		BP0476-0603-1334-BC9
49.213 x 55.563 mm (1.938 x 2.188 in.)				
49.213 +/-0.0254	55.563 +0.051/+0.0762	50.800 +/-0.127		BP0492-0556-0508-BC9
49.213 +/-0.0254	55.563 +0.051/+0.0762	76.200 +/-0.127		BP0492-0556-0762-BC9
49.213 +/-0.0254	55.563 +0.051/+0.0762	101.600 +/-0.127		BP0492-0556-1016-BC9
49.213 x 57.150 mm (1.938 x 2.250 in.)				
49.213 +/-0.0254	57.150 +0.051/+0.0762	76.200 +/-0.127		BP0492-0572-0762-BC9
49.213 +/-0.0254	57.150 +0.051/+0.0762	114.300 +/-0.127		BP0492-0572-1143-BC9
49.213 x 58.738 mm (1.938 x 2.313 in.)				
49.213 +/-0.0254	58.738 +0.051/+0.0762	88.900 +/-0.127		BP0492-0587-0889-BC9
49.213 +/-0.0254	58.738 +0.051/+0.0762	101.600 +/-0.127		BP0492-0587-1016-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
49.213 x 58.738 mm (1.938 x 2.313 in.)				
49.213	58.738	127.000		BP0492-0587-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	58.738	139.700		BP0492-0587-1397-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	58.738	158.750		BP0492-0587-1588-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213 x 60.325 mm (1.938 x 2.375 in.)				
49.213	60.325	76.200		BP0492-0603-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	60.325	101.600		BP0492-0603-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	60.325	139.700		BP0492-0603-1397-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213 x 61.913 mm (1.938 x 2.438 in.)				
49.213	61.913	76.200		BP0492-0619-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	61.913	101.600		BP0492-0619-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	61.913	127.000		BP0492-0619-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	61.913	139.700		BP0492-0619-1397-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213 x 63.500 mm (1.938 x 2.500 in.)				
49.213	63.500	76.200		BP0492-0635-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
49.213	63.500	127.000		BP0492-0635-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.000 x 60.000 mm (1.969 x 2.362 in.)				
50.000	60.000	50.000	FB9210	BP0500-0600-0500-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.000	60.000	60.000	FB9211	BP0500-0600-0600-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.000	60.000	80.000	FB9212	BP0500-0600-0800-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.000	60.000	100.000	FB9213	BP0500-0600-1000-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800 x 57.150 mm (2.000 x 2.250 in.)				
50.800	57.150	50.800		BP0508-0572-0508-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	57.150	63.500	FB1040	BP0508-0572-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	57.150	76.200	FB1041	BP0508-0572-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	57.150	88.900	FB1019	BP0508-0572-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	57.150	95.250		BP0508-0572-0953-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	57.150	101.600		BP0508-0572-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	57.150	114.300		BP0508-0572-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	57.150	127.000		BP0508-0572-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800 x 60.325 mm (2.000 x 2.375 in.)				
50.800	60.325	63.500		BP0508-0603-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	60.325	76.200		BP0508-0603-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	60.325	88.900		BP0508-0603-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	60.325	101.600		BP0508-0603-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
50.800	60.325	114.300		BP0508-0603-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		



Usually stocked or Short Delivery

** Available while stocks last **







Long Delivery or Large Minimum Quantities





Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
50.800 x 63.500 mm (2.000 x 2.500 in.)				
50.800 +/-0.0254	63.500 +0.051/+0.0762	50.800 +/-0.127		BP0508-0635-0508-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	63.500 +/-0.127	FB1050	BP0508-0635-0635-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	76.200 +/-0.127	FB1051	BP0508-0635-0762-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	88.900 +/-0.127	FB1052	BP0508-0635-0889-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	101.600 +/-0.127	FB1053	BP0508-0635-1016-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	114.300 +/-0.127		BP0508-0635-1143-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	127.000 +/-0.127		BP0508-0635-1270-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	139.700 +/-0.127		BP0508-0635-1397-BC9
50.800 +/-0.0254	63.500 +0.051/+0.0762	152.400 +/-0.127		BP0508-0635-1524-BC9
50.800 x 66.675 mm (2.000 x 2.625 in.)				
50.800 +/-0.0254	66.675 +0.051/+0.0762	101.600 +/-0.127		BP0508-0667-1016-BC9
50.800 x 69.850 mm (2.000 x 2.750 in.)				
50.800 +/-0.0254	69.850 +0.051/+0.0762	152.400 +/-0.127		BP0508-0699-1524-BC9
50.800 +/-0.0254	69.850 +0.051/+0.0762	165.100 +/-0.127		BP0508-0699-1651-BC9
53.975 x 63.500 mm (2.125 x 2.500 in.)				
53.975 +/-0.0254	63.500 +0.051/+0.0762	76.200 +/-0.127		BP0540-0635-0762-BC9
53.975 +/-0.0254	63.500 +0.051/+0.0762	101.600 +/-0.127		BP0540-0635-1016-BC9
53.975 x 66.675 mm (2.125 x 2.625 in.)				
53.975 +/-0.0254	66.675 +0.051/+0.0762	101.600 +/-0.127		BP0540-0667-1016-BC9
53.975 +/-0.0254	66.675 +0.051/+0.0762	127.000 +/-0.127		BP0540-0667-1270-BC9
53.975 +/-0.0254	66.675 +0.051/+0.0762	152.400 +/-0.127		BP0540-0667-1524-BC9
55.550 x 66.675 mm (2.187 x 2.625 in.)				
55.550 +/-0.0254	66.675 +0.051/+0.0762	101.600 +/-0.127		BP0555-0667-1016-BC9
55.550 +/-0.0254	66.675 +0.051/+0.0762	127.000 +/-0.127		BP0555-0667-1270-BC9
55.550 x 68.263 mm (2.187 x 2.688 in.)				
55.550 +/-0.0254	68.263 +0.051/+0.0762	88.900 +/-0.127		BP0555-0683-0889-BC9
55.550 +/-0.0254	68.263 +0.051/+0.0762	101.600 +/-0.127		BP0555-0683-1016-BC9
55.550 +/-0.0254	68.263 +0.051/+0.0762	114.300 +/-0.127		BP0555-0683-1143-BC9
55.550 +/-0.0254	68.263 +0.051/+0.0762	127.000 +/-0.127		BP0555-0683-1270-BC9
55.550 x 69.850 mm (2.187 x 2.750 in.)				
55.550 +/-0.0254	69.850 +0.051/+0.0762	114.300 +/-0.127		BP0555-0699-1143-BC9
55.550 +/-0.0254	69.850 +0.051/+0.0762	133.350 +/-0.127		BP0555-0699-1334-BC9
55.550 +/-0.0254	69.850 +0.051/+0.0762	152.400 +/-0.127		BP0555-0699-1524-BC9
55.550 x 73.025 mm (2.187 x 2.875 in.)				
55.550 +/-0.0254	73.025 +0.051/+0.0762	114.300 +/-0.127		BP0555-0730-1143-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
57.150 x 63.500 mm (2.250 x 2.500 in.)				
57.150 +/-0.0254	63.500 +0.051/+0.0762	76.200 +/-0.127		BP0572-0635-0762-BC9
57.150 +/-0.0254	63.500 +0.051/+0.0762	88.900 +/-0.127		BP0572-0635-0889-BC9
57.150 +/-0.0254	63.500 +0.051/+0.0762	101.600 +/-0.127		BP0572-0635-1016-BC9
57.150 x 66.675 mm (2.250 x 2.625 in.)				
57.150 +/-0.0254	66.675 +0.051/+0.0762	76.200 +/-0.127		BP0572-0667-0762-BC9
57.150 +/-0.0254	66.675 +0.051/+0.0762	101.600 +/-0.127		BP0572-0667-1016-BC9
57.150 +/-0.0254	66.675 +0.051/+0.0762	127.000 +/-0.127		BP0572-0667-1270-BC9
57.150 x 68.263 mm (2.250 x 2.688 in.)				
57.150 +/-0.0254	68.263 +0.051/+0.0762	120.650 +/-0.127		BP0572-0683-1207-BC9
57.150 x 69.850 mm (2.250 x 2.750 in.)				
57.150 +/-0.0254	69.850 +0.051/+0.0762	63.500 +/-0.127	FB1060	BP0572-0699-0635-BC9
57.150 +/-0.0254	69.850 +0.051/+0.0762	76.200 +/-0.127	FB1061	BP0572-0699-0762-BC9
57.150 +/-0.0254	69.850 +0.051/+0.0762	88.900 +/-0.127	FB1062	BP0572-0699-0889-BC9
57.150 +/-0.0254	69.850 +0.051/+0.0762	101.600 +/-0.127	FB1063	BP0572-0699-1016-BC9
57.150 +/-0.0254	69.850 +0.051/+0.0762	114.300 +/-0.127		BP0572-0699-1143-BC9
57.150 +/-0.0254	69.850 +0.051/+0.0762	127.000 +/-0.127		BP0572-0699-1270-BC9
57.150 +/-0.0254	69.850 +0.051/+0.0762	152.400 +/-0.127		BP0572-0699-1524-BC9
57.150 +/-0.0254	69.850 +0.051/+0.0762	165.100 +/-0.127		BP0572-0699-1651-BC9
57.150 x 76.200 mm (2.250 x 3.000 in.)				
57.150 +/-0.0254	76.200 +0.051/+0.0762	88.900 +/-0.127		BP0572-0762-0889-BC9
57.150 +/-0.0254	76.200 +0.051/+0.0762	127.000 +/-0.127		BP0572-0762-1270-BC9
57.150 x 79.375 mm (2.250 x 3.125 in.)				
57.150 +/-0.0254	79.375 +0.0762/+0.127	165.100 +/-0.127		BP0572-0794-1651-BC9
60.325 x 69.850 mm (2.375 x 2.750 in.)				
60.325 +/-0.0254	69.850 +0.051/+0.0762	101.600 +/-0.127		BP0603-0699-1016-BC9
60.325 +/-0.0254	69.850 +0.051/+0.0762	127.000 +/-0.127		BP0603-0699-1270-BC9
60.325 +/-0.0254	69.850 +0.051/+0.0762	152.400 +/-0.127		BP0603-0699-1524-BC9
60.325 x 73.025 mm (2.375 x 2.875 in.)				
60.325 +/-0.0254	73.025 +0.051/+0.0762	101.600 +/-0.127		BP0603-0730-1016-BC9
60.325 +/-0.0254	73.025 +0.051/+0.0762	127.000 +/-0.127		BP0603-0730-1270-BC9
60.325 +/-0.0254	73.025 +0.051/+0.0762	152.400 +/-0.127		BP0603-0730-1524-BC9
61.913 x 69.850 mm (2.438 x 2.750 in.)				
61.913 +/-0.0254	69.850 +0.051/+0.0762	101.600 +/-0.127		BP0619-0699-1016-BC9
61.913 +/-0.0254	69.850 +0.051/+0.0762	127.000 +/-0.127		BP0619-0699-1270-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
61.913 x 73.025 mm (2.438 x 2.875 in.)				
61.913	73.025	76.200		BP0619-0730-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
61.913	73.025	127.000		BP0619-0730-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
61.913 x 74.613 mm (2.438 x 2.938 in.)				
61.913	74.613	101.600		BP0619-0746-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
61.913	74.613	127.000		BP0619-0746-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
61.913	74.613	158.750		BP0619-0746-1588-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
61.913 x 76.200 mm (2.438 x 3.000 in.)				
61.913	76.200	95.250		BP0619-0762-0953-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
61.913	76.200	127.000		BP0619-0762-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
61.913	76.200	158.750		BP0619-0762-1588-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500 x 69.850 mm (2.500 x 2.750 in.)				
63.500	69.850	76.200		BP0635-0699-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	69.850	101.600		BP0635-0699-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	69.850	127.000		BP0635-0699-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500 x 73.025 mm (2.500 x 2.875 in.)				
63.500	73.025	82.550		BP0635-0730-0826-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	73.025	114.300		BP0635-0730-1143-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500 x 76.200 mm (2.500 x 3.000 in.)				
63.500	76.200	63.500	FB1070	BP0635-0762-0635-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	76.200	76.200	FB1071	BP0635-0762-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	76.200	88.900	FB1072	BP0635-0762-0889-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	76.200	95.250		BP0635-0762-0953-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	76.200	101.600	FB1073	BP0635-0762-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	76.200	127.000		BP0635-0762-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	76.200	152.400		BP0635-0762-1524-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500	76.200	177.800		BP0635-0762-1778-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
63.500 x 79.375 mm (2.500 x 3.125 in.)				
63.500	79.375	88.900		BP0635-0794-0889-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
63.500	79.375	101.600		BP0635-0794-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
63.500	79.375	114.300		BP0635-0794-1143-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
63.500	79.375	171.450		BP0635-0794-1715-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
63.500 x 82.550 mm (2.500 x 3.250 in.)				
63.500	82.550	101.600		BP0635-0826-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
63.500	82.550	127.000		BP0635-0826-1270-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
63.500	82.550	152.400		BP0635-0826-1524-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
63.500 x 82.550 mm (2.500 x 3.250 in.)				
63.500	82.550	184.150		BP0635-0826-1842-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
63.500 x 88.900 mm (2.500 x 3.500 in.)				
63.500	88.900	165.100		BP0635-0889-1651-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
66.675 x 76.200 mm (2.625 x 3.000 in.)				
66.675	76.200	76.200		BP0667-0762-0762-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
66.675	76.200	101.600		BP0667-0762-1016-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
66.675	76.200	127.000		BP0667-0762-1270-BC9
+/-0.0254	+0.051/+0.0762	+/-0.127		
66.675 x 79.375 mm (2.625 x 3.125 in.)				
66.675	79.375	127.000		BP0667-0794-1270-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
66.675	79.375	152.400		BP0667-0794-1524-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
66.675	79.375	184.150		BP0667-0794-1842-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
66.675 x 82.550 mm (2.625 x 3.250 in.)				
66.675	82.550	177.800		BP0667-0826-1778-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
66.675 x 85.725 mm (2.625 x 3.375 in.)				
66.675	85.725	165.100		BP0667-0857-1651-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
68.263 x 80.963 mm (2.688 x 3.188 in.)				
68.263	80.963	101.600		BP0683-0810-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
68.263	80.963	127.000		BP0683-0810-1270-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
68.263	80.963	158.750		BP0683-0810-1588-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850 x 79.375 mm (2.750 x 3.125 in.)				
69.850	79.375	101.600		BP0699-0794-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850	79.375	127.000		BP0699-0794-1270-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850	79.375	152.400		BP0699-0794-1524-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850 x 82.550 mm (2.750 x 3.250 in.)				
69.850	82.550	101.600		BP0699-0826-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850	82.550	127.000		BP0699-0826-1270-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850	82.550	152.400		BP0699-0826-1524-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850	82.550	177.800		BP0699-0826-1778-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850 x 85.725 mm (2.750 x 3.375 in.)				
69.850	85.725	101.600		BP0699-0857-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850	85.725	165.100		BP0699-0857-1651-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
69.850 x 88.900 mm (2.750 x 3.500 in.)				
69.850	88.900	165.100		BP0699-0889-1651-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
73.025 x 85.725 mm (2.875 x 3.375 in.)				
73.025	85.725	101.600		BP0730-0857-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
73.025	85.725	152.400		BP0730-0857-1524-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
73.025 x 85.725 mm (2.875 x 3.375 in.)				
73.025	85.725	203.200		BP0730-0857-2032-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
73.025 x 88.900 mm (2.875 x 3.500 in.)				
73.025	88.900	114.300		BP0730-0889-1143-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
73.025	88.900	171.450		BP0730-0889-1715-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
74.613 x 87.313 mm (2.938 x 3.438 in.)				
74.613	87.313	88.900		BP0746-0873-0889-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
74.613	87.313	127.000		BP0746-0873-1270-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
74.613	87.313	165.100		BP0746-0873-1651-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200 x 85.725 mm (3.000 x 3.375 in.)				
76.200	85.725	114.300		BP0762-0857-1143-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	85.725	203.200		BP0762-0857-2032-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200 x 88.900 mm (3.000 x 3.500 in.)				
76.200	88.900	76.200		BP0762-0889-0762-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	88.900	101.600		BP0762-0889-1016-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	88.900	114.300		BP0762-0889-1143-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	88.900	139.700		BP0762-0889-1397-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	88.900	152.400		BP0762-0889-1524-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	88.900	228.600		BP0762-0889-2286-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200 x 92.075 mm (3.000 x 3.625 in.)				
76.200	92.075	127.000		BP0762-0921-1270-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	92.075	165.100		BP0762-0921-1651-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200	92.075	203.200		BP0762-0921-2032-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200 x 95.250 mm (3.000 x 3.750 in.)				
76.200	95.250	158.750		BP0762-0953-1588-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
76.200 x 101.600 mm (3.000 x 4.000 in.)				
76.200	101.600	165.100		BP0762-1016-1651-BC9
+/-0.0254	+0.0762/+0.127	+/-0.127		
82.550 x 88.900 mm (3.250 x 3.500 in.)				
82.550	88.900	101.600		BP0826-0889-1016-BC9
+/-0.0381	+0.0762/+0.127	+/-0.127		
82.550 x 95.250 mm (3.250 x 3.750 in.)				
82.550	95.250	127.000		BP0826-0953-1270-BC9
+/-0.0381	+0.0762/+0.127	+/-0.127		
82.550	95.250	152.400		BP0826-0953-1524-BC9
+/-0.0381	+0.0762/+0.127	+/-0.127		
82.550	95.250	228.600		BP0826-0953-2286-BC9
+/-0.0381	+0.0762/+0.127	+/-0.127		
87.313 x 100.013 mm (3.438 x 3.938 in.)				
87.313	100.013	114.300		BP0873-1000-1143-BC9
+/-0.0381	+0.0762/+0.127	+/-0.127		
87.313	100.013	165.100		BP0873-1000-1651-BC9
+/-0.0381	+0.0762/+0.127	+/-0.127		

 Usually stocked or Short Delivery
 ** Available while stocks last **



 Long Delivery or Large Minimum Quantities
 Not in current production



ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
88.900 x 101.600 mm (3.500 x 4.000 in.)				
88.900 +/-0.0381	101.600 +0.0762/+0.127	101.600 +/-0.127		BP0889-1016-1016-BC9
88.900 +/-0.0381	101.600 +0.0762/+0.127	139.700 +/-0.127		BP0889-1016-1397-BC9
88.900 +/-0.0381	101.600 +0.0762/+0.127	152.400 +/-0.127		BP0889-1016-1524-BC9
88.900 +/-0.0381	101.600 +0.0762/+0.127	177.800 +/-0.127		BP0889-1016-1778-BC9
88.900 x 104.775 mm (3.500 x 4.125 in.)				
88.900 +/-0.0381	104.775 +0.0762/+0.127	152.400 +/-0.127		BP0889-1048-1524-BC9
88.900 x 107.950 mm (3.500 x 4.250 in.)				
88.900 +/-0.0381	107.950 +0.0762/+0.127	114.300 +/-0.127		BP0889-1080-1143-BC9
88.900 +/-0.0381	107.950 +0.0762/+0.127	177.800 +/-0.127		BP0889-1080-1778-BC9
88.900 +/-0.0381	107.950 +0.0762/+0.127	247.650 +/-0.127		BP0889-1080-2477-BC9
95.250 x 107.950 mm (3.750 x 4.250 in.)				
95.250 +/-0.0381	107.950 +0.0762/+0.127	127.000 +/-0.127		BP0953-1080-1270-BC9
95.250 +/-0.0381	107.950 +0.0762/+0.127	177.800 +/-0.127		BP0953-1080-1778-BC9
95.250 x 114.300 mm (3.750 x 4.500 in.)				
95.250 +/-0.0381	114.300 +0.0762/+0.127	165.100 +/-0.127		BP0953-1143-1651-BC9
101.600 x 114.300 mm (4.000 x 4.500 in.)				
101.600 +/-0.0381	114.300 +0.0762/+0.127	101.600 +/-0.127		BP1016-1143-1016-BC9
101.600 +/-0.0381	114.300 +0.0762/+0.127	152.400 +/-0.127		BP1016-1143-1524-BC9
101.600 +/-0.0381	114.300 +0.0762/+0.127	177.800 +/-0.127		BP1016-1143-1778-BC9
101.600 x 120.650 mm (4.000 x 4.750 in.)				
101.600 +/-0.0381	120.650 +0.0762/+0.127	127.000 +/-0.127		BP1016-1207-1270-BC9
101.600 +/-0.0381	120.650 +0.0762/+0.127	152.400 +/-0.127		BP1016-1207-1524-BC9
101.600 +/-0.0381	120.650 +0.0762/+0.127	177.800 +/-0.127		BP1016-1207-1778-BC9
101.600 x 127.000 mm (4.000 x 5.000 in.)				
101.600 +/-0.0381	127.000 +0.0762/+0.127	127.000 +/-0.127		BP1016-1270-1270-BC9
101.600 +/-0.0381	127.000 +0.0762/+0.127	152.400 +/-0.127		BP1016-1270-1524-BC9
101.600 +/-0.0381	127.000 +0.0762/+0.127	177.800 +/-0.127		BP1016-1270-1778-BC9
107.950 x 120.650 mm (4.250 x 4.750 in.)				
107.950 +/-0.0381	120.650 +0.0762/+0.127	127.000 +/-0.127		BP1080-1207-1270-BC9
107.950 +/-0.0381	120.650 +0.0762/+0.127	152.400 +/-0.127		BP1080-1207-1524-BC9
107.950 +/-0.0381	120.650 +0.0762/+0.127	177.800 +/-0.127		BP1080-1207-1778-BC9
107.950 x 127.000 mm (4.250 x 5.000 in.)				
107.950 +/-0.0381	127.000 +0.0762/+0.127	127.000 +/-0.127		BP1080-1270-1270-BC9
107.950 +/-0.0381	127.000 +0.0762/+0.127	152.400 +/-0.127		BP1080-1270-1524-BC9
107.950 +/-0.0381	127.000 +0.0762/+0.127	177.800 +/-0.127		BP1080-1270-1778-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 Not in current production

ID (d)	OD (D)	Length (s)	Other Ref.	MBA Part Number
114.300 x 127.000 mm (4.500 x 5.000 in.)				
114.300 +/-0.0381	127.000 +0.0762/+0.127	152.400 +/-0.127		BP1143-1270-1524-BC9
114.300 +/-0.0381	127.000 +0.0762/+0.127	177.800 +/-0.127		BP1143-1270-1778-BC9
114.300 +/-0.0381	127.000 +0.0762/+0.127	203.200 +/-0.127		BP1143-1270-2032-BC9
114.300 x 139.700 mm (4.500 x 5.500 in.)				
114.300 +/-0.0381	139.700 +0.0762/+0.127	152.400 +/-0.127		BP1143-1397-1524-BC9
114.300 +/-0.0381	139.700 +0.0762/+0.127	177.800 +/-0.127		BP1143-1397-1778-BC9
114.300 +/-0.0381	139.700 +0.0762/+0.127	203.200 +/-0.127		BP1143-1397-2032-BC9
127.000 x 139.700 mm (5.000 x 5.500 in.)				
127.000 +/-0.0381	139.700 +0.0762/+0.127	152.400 +/-0.127		BP1270-1397-1524-BC9
127.000 +/-0.0381	139.700 +0.0762/+0.127	177.800 +/-0.127		BP1270-1397-1778-BC9
127.000 +/-0.0381	139.700 +0.0762/+0.127	203.200 +/-0.127		BP1270-1397-2032-BC9
127.000 x 152.400 mm (5.000 x 6.000 in.)				
127.000 +/-0.0381	152.400 +0.0762/+0.127	177.800 +/-0.127		BP1270-1524-1778-BC9
127.000 +/-0.0381	152.400 +0.0762/+0.127	203.200 +/-0.127		BP1270-1524-2032-BC9
127.000 +/-0.0381	152.400 +0.0762/+0.127	228.600 +/-0.127		BP1270-1524-2286-BC9

 Usually stocked or Short Delivery
 ** Available while stocks last **

 Long Delivery or Large Minimum Quantities
 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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Solid Bronze Bushes