

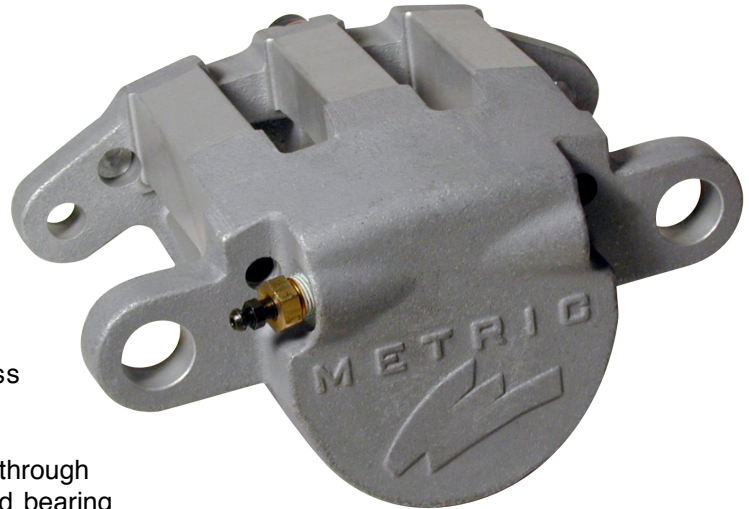


# GM METRIC RACING CALIPER

## Caliper Highlights:

Wilwood's **GM Metric Racing Caliper** is a direct replacement for the 1978 and later D154 type GM metric caliper. Weighing in at a mere 2.97 pounds, it provides a substantial weight savings over cast iron OE calipers.

This competition caliper represents the latest refinements in caliper design and manufacturing through the use of computer based FEA solid modeling and stress simulation programs. The real strength of this caliper comes from its triple bridge configuration, and its lightness is a result of efficient design.



The triple bridge provides higher clamping efficiency through lower deflection over all twin bridge models. All load bearing and stress points are fortified to maximize strength, and all unnecessary material is removed to maximize weight reduction. The results are the strongest, lightest, and most efficient aluminum caliper in its class.

The caliper body is a precision casting using a tight grained, high density aircraft alloy. Stainless steel pistons provide improved fluid protection with high resistance to corrosion and low heat transfer. Each caliper is fully machined, assembled with high temperature seals, and tested in-house by expert Wilwood technicians to assure top quality and peak performance – the kind of quality and performance you expect from Wilwood.

## ORDERING INFORMATION: CALIPERS

<u>BORE SIZE</u>		<u>DISC WIDTH</u>		<u>PART NUMBER</u> (1,2)
2.38"	60,4 mm	1.25"	31,8 mm	120-6427
2.38"	60,4 mm	.81"	20,6 mm	120-6426

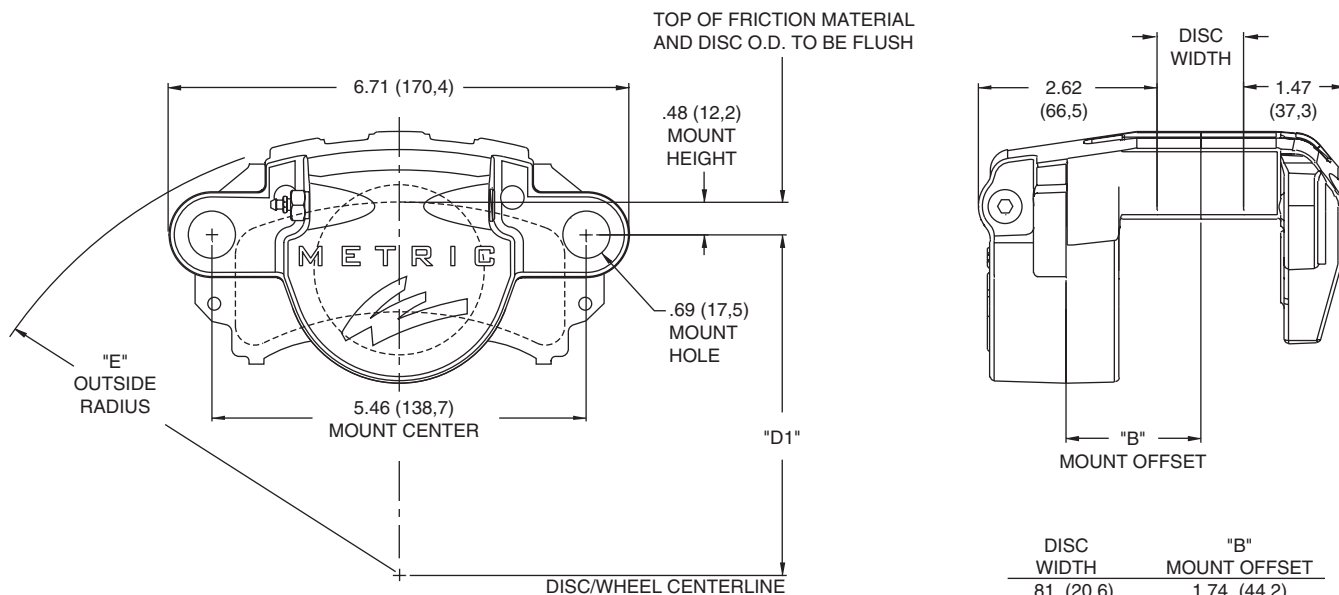
NOTES:

- (1) THE BASE PART NUMBERS ARE THE SAME FOR LEFT OR RIGHT SIDE CALIPERS. THE BLEED SCREW IS SHIPPED UNINSTALLED AND THE END USER WILL INSTALL (LEFT OR RIGHT SIDE) DEPENDING ON APPLICATION.
- (2) CALIPER SLIDE PIN BOLTS, PART NUMBER 230-0619 ARE REQUIRED FOR INSTALLATION AND MUST BE ORDERED SEPARATELY. EACH KIT CONTAINS FOUR BOLTS.

## ORDERING INFORMATION: USER SERVICEABLE COMPONENTS:

<u>ASSEMBLY</u>	<u>INBOARD BODY</u>	<u>OUTBOARD BODY</u>	<u>PISTON</u>	<u>BLEED SCREW KIT (4 PK)</u>	<u>SLIDE PIN (4 PK)</u>	<u>O-RING KIT (4 PK)</u>
120-6426	110-6423	110-6396	200-1119 (2.38")	220-0627	230-0619	130-4956
120-6427	110-6423	110-6397	200-1119 (2.38")	220-0627	230-0619	130-4956

### GM METRIC RACING CALIPER, MOUNTING DIMENSIONS:



DISC WIDTH	"B" MOUNT OFFSET
.81 (20,6)	1.74 (44,2)
1.25 (31,8)	1.96 (49,8)

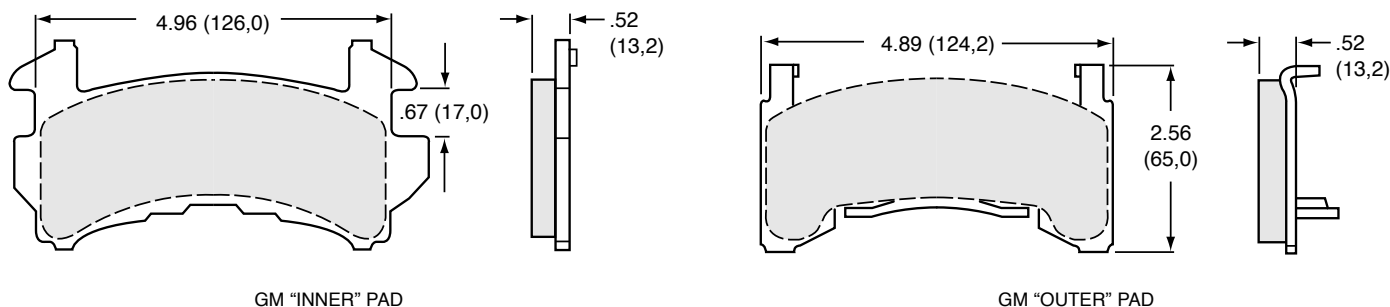
  

DISC DIAMETER	"E" OUTSIDE RADIUS
11.00 (279,4)	6.55 (166,4)
11.75 (298,5)	6.90 (175,3)

DIMENSION "D1" = (DISC DIAMETER/2) - .48 (12,2)  
 CALIPER MOVES INWARD AS PAD WEARS, .35 (8,9) MAX

NOTE: RIGHT HAND CALIPER SHOWN, LEFT HAND HAS BLEED SCREW REVERSED

### GM METRIC RACING CALIPER, TYPE D154 PAD DIMENSIONS AND ORDERING INFORMATION:



AXLE SET PART NO.	PAD TYPE/COMPOUND
15A - 6219K	D154 A PolyMatrix
15B - 3998K	D154 B PolyMatrix
15C - 4420K	D154 C PolyMatrix
15D - 4335K	D154 D PolyMatrix
15E - 6103K	D154 E PolyMatrix
15Q - 6831K	D154 Q PolyMatrix
15T - 5918K	D154 T PolyMatrix



#### TECHNICAL TIP

#### PAD SELECTION:

Proper selection of a brake pad compound is critical to disc brake system performance. Each material has specific torque and wear characteristics relative to its operating temperature. Track conditions and driving style can also influence pad requirements. For best performance, final selection of pad material often requires evaluation at the track over a range of actual race conditions. Please reference the PolyMatrix Brake Pad Catalog, or pages 44-45 in the Wilwood Technical and Parts Catalog for descriptions of the various compounds available. You may also contact the Wilwood Technical Department for recommendations.