



# TC 6R CALIPER

## Caliper Highlights:

The **TC 6R** radial mount, six piston truck caliper represents a complete new generation from Wilwood. An extensive design, development, and testing program resulted in an extreme high strength caliper capable of generating the clamping force and durability necessary to handle the heavy loads of custom and performance modified pickup trucks and sport utility vehicles.



The foundation of the **TC 6R** is the FEA structural analysis designed forged billet body. Premium billet aluminum alloy blanks are stress flow forged to produce a caliper that minimizes weight while providing an extremely rigid and deflection resistant body. The bridge radius has been increased to accommodate rotors up to a full sixteen inches in diameter. The bodies are joined and heavily reinforced with six high strength steel cross bridge bolts. Cross bridge bolts give added strength against deflection and body separation at the high pressures and heavy loads generated by the power brake systems on late model trucks and SUV's. Steel bridge insert plates provide maximum load bearing protection against wear and gouging from the pad edges at all levels of brake force.

The **TC 6R** generates unmatched pad clamping efficiency through six thick walled stainless steel pistons. The heavy piston wall adds one more measure of strength under heavy loads while the stainless steel resists corrosion and reduces heat transfer into the caliper body, seals, and fluid from the pads. The differential piston bore design, taken from Wilwood racing caliper technology, provides balanced pad loading with even wear properties at all temperatures and loads. Piston bore volumes are matched for complete compatibility with the output volumes and pressures of the OE master cylinders.

The total **TC 6R** package is capped off with rubber dampened fluid transfer tubes, recessed two-piece bleed screws, and bridge mounted pad load springs. The pad load springs eliminate vibration and rattle while providing additional dampening against the engagement harmonics that can contribute to squeal and other harsh brake noise. Choices of either a signature high luster anodized Wilwood black, or a special multi-process gloss red coating, enhance the pure stopping power of the **TC 6R** with a high tech style and custom look inside the wheel.

### Radial Mount Caliper Adapter Brackets

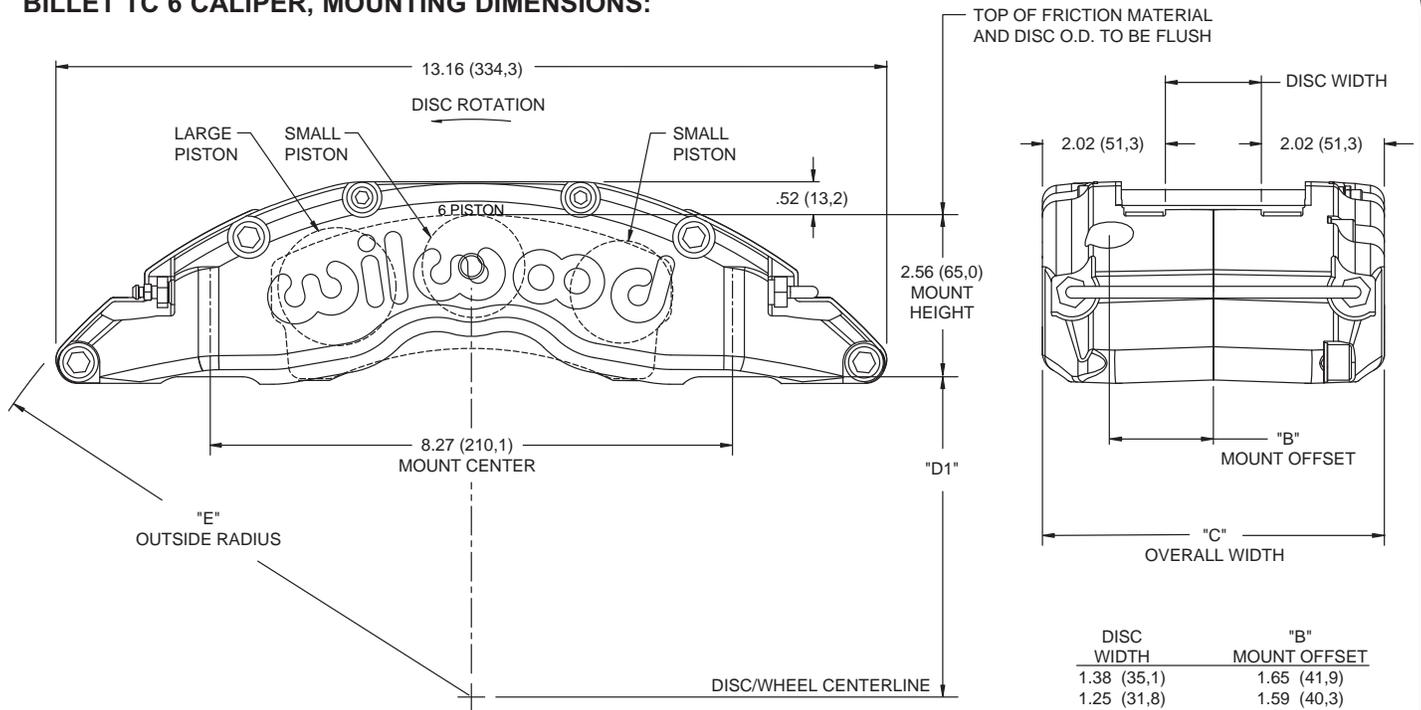
Radial mount caliper adapter brackets provide a secure and accurate method of attaching the caliper to the mount bosses on the original spindle. The brackets can be shimmed in two directions to compensate for production variances in the OE spindles and hubs, to precisely locate the caliper over the rotor at the correct height for proper pad to rotor radial alignment. The brackets are illustrated on the opposite page with a listing of availability for popular vehicles.

### ORDERING INFORMATION:

BORE SIZE	DISC WIDTH	FRONT MOUNT PART NUMBER		REAR MOUNT PART NUMBER	
		RH	LH	RH	LH
1.88 / 1.62 / 1.62" 47,8 / 41,1 / 41,1 mm	1.38" 35,1 mm	120-8909-FS <sup>(1)</sup>	120-8910-FS <sup>(1)</sup>	120-8909-RS <sup>(1)</sup>	120-8910-RS <sup>(1)</sup>
1.75 / 1.38 / 1.38" 44,5 / 35,1 / 35,1 mm	1.38" 35,1 mm	120-8907-FS <sup>(1)</sup>	120-8908-FS <sup>(1)</sup>	120-8907-RS <sup>(1)</sup>	120-8908-RS <sup>(1)</sup>
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.25" 31,8 mm	120-9138-FS <sup>(1)</sup>	120-9139-FS <sup>(1)</sup>	120-9138-RS <sup>(1)</sup>	120-9139-RS <sup>(1)</sup>

NOTES: (1) AVAILABLE RED, ADD "R" TO END OF PART NUMBER WHEN ORDERING.

### BILLET TC 6 CALIPER, MOUNTING DIMENSIONS:

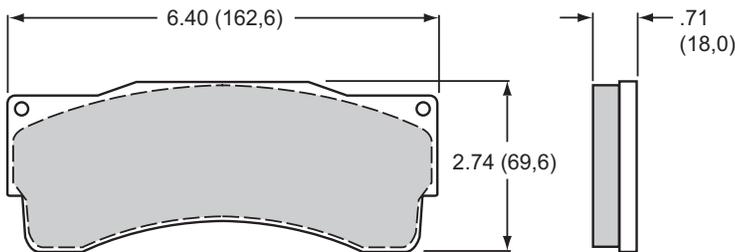


DIMENSIONS "D1" = (DISC DIAMETER/2) - 2.56 (65,0)

NOTE:  
RIGHT HAND REAR MOUNT CALIPER SHOWN  
INLET FITTING: 1/8-27 NPT

DISC DIAMETER	"E" OUTSIDE RADIUS	"C" OVERALL WIDTH
16.00 (406,4)	8.81 (223,8)	5.41 (137,4)
14.00 (355,6)	8.14 (206,8)	5.29 (134,4)

### TC 6 CALIPER, TYPE 6318 PAD DIMENSIONS AND ORDERING INFORMATION:



#### AXLE SET PART NO.

15Q- 8823K  
150 - 9118K

#### PAD TYPE/COMPOUND

6318 Q PolyMatrix  
6318 10 BP-10

### ORDERING INFORMATION, USER SERVICEABLE COMPONENTS:

CALIPER PART NO.	PISTON	SQ RING KIT (6 PK)	BLEED SCREW KIT (4 PK)	CROSSOVER TUBE KIT (4 PK)	BRIDGE BOLT KIT	BRIDGE WEAR PLATE (EA)
120-8907	200-7528 (1.75") 200-7518 (1.38")	130-3084	220-6069	190-9172	230-9171	300-8893 (R/H) 300-8894 (L/H)
120-8908	200-7528 (1.75") 200-7518 (1.38")	130-3084	220-6069	190-9172	230-9171	300-8893 (R/H) 300-8894 (L/H)
120-8909	200-9060 (1.88") 200-7520 (1.62")	130-9173	220-6069	190-9172	230-9171	300-8893 (R/H) 300-8894 (L/H)
120-8910	200-9060 (1.88") 200-7520 (1.62")	130-9173	220-6069	190-9172	230-9171	300-8893 (R/H) 300-8894 (L/H)
120-9138	200-7520 (1.62") 200-8439 (1.12")	130-5972-	220-6069	190-9201	230-9200	300-8893 (R/H) 300-8894 (L/H)
120-9139	200-7520 (1.62") 200-8439 (1.2")	130-5972	220-6069	190-9201	230-9200	300-8893 (R/H) 300-8894 (L/H)