



# BILLET SUPERLITE SL6R RADIAL MOUNT CALIPERS

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## Caliper Highlights:

The billet **SL6R** series adds the versatility and convenience of radial mounting to this widely popular caliper group. Radial mounting simplifies adaptation and provides two planes of adjustment for accurate alignment over the disc. These calipers integrate "Big Brake" style with Wilwood's latest technology to generate big stopping power in extreme environments over a broad range of vehicle applications.

The key to the superior performance of the **SL6R** comes from the extremely durable and efficient body design. Starting at 4.84 pounds it is the product of computer generated solid modeling and FEA stress analysis technology. Full length stiffening ribs and a reinforced radial transition from the piston bore housings to the closed end bridges has produced the strongest SL caliper bodies ever built. When compared to open bridge calipers that use tube or stand spacers between the body halves, the closed end bridge design is measurably stronger with less separation or deflection under load. Additional strength and resistance to deflection comes from the four high-strength steel end bridge bolts. A fifth center bridge bolt provides even more overall strength and easy access to the pads without the need to remove the caliper from the mount.

A unique six-piston differential bore configuration provides balanced loading for even pad wear in sustained high heat environments. The standard **SL6R** calipers feature one-piece stainless steel pistons. Stainless is used for its slow heat transfer properties and high resistance to corrosion. The **SL6R/ST** models feature Wilwood's exclusive Thermlock pistons. This multi-part piston design creates a highly efficient thermal barrier to further reduce heat transfer from the pads to caliper body, seals, and fluid. Cooler temperatures translate to longer service life and less chance for heat induced pedal fade.

In addition, each **SL6R** is equipped with SRS bridge plates. SRS plates eliminate all bridge wear caused by pad gouging and extend the service life of the caliper. The spring-loaded action of the SRS plates also eliminates pad rattle and dampens the harmonic vibrations that contribute to pad squeal. Two piece bleed screws and dampened fluid tubes are recess mounted to shield them from track debris and other potential damage sources. High temperature, square faced bore seals provide the largest possible sealing area and controlled piston retraction on release. The full range of Wilwood pad compounds is available to match the brake response and heat range of any competition or sports driving application.

## BILLET SL6R AND SL6R/ST:



Black Red

Calipers in this group feature a full width reinforced rib outboard body for maximum strength when caliper to hub or caliper to wheel clearance is not an issue. These calipers are primarily used for asphalt stock cars, road racing, and other competition applications with small 5 on 5 or other OE type lug patterns. The caliper bridge radius will clear rotors from 11.75" to 13.00" in overall diameter. Each caliper in this group uses 7420 type 20mm thick pads. Specific mounting and body width dimensions can be found in the chart on page 16.

## SL6R WITH STAINLESS STEEL PISTONS CALIPER ORDERING INFORMATION:<sup>(1)</sup>

BORE SIZE	DISC WIDTH	FRONT MOUNT PART NO.		REAR MOUNT PART NO.	
		RH	LH	RH	LH
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.25" 31,8 mm	120-6115-FS <sup>(2,3)</sup>	120-6116-FS <sup>(2,3)</sup>	120-6115-RS <sup>(2,3)</sup>	120-6116-RS <sup>(2,3)</sup>
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.00" 25,4 mm	120-6113-FS	120-6114-FS	120-6113-RS	120-6114-RS
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.25" 31,8 mm	120-6111-FS <sup>(3)</sup>	120-6112-FS <sup>(3)</sup>	120-6111-RS <sup>(3)</sup>	120-6112-RS <sup>(3)</sup>

NOTES: (1) REFERENCE FRONT OF MANUAL FOR GENERAL ORDERING INFORMATION  
(2) AVAILABLE IN RED, ADD "R" TO END OF PART NUMBER WHEN ORDERING  
(3) THESE CALIPERS MAY ALSO BE USED WITH 1.10" THICK ROTORS AND 7416 TYPE 16MM THICK PADS  
FS = FRONT SIDE MOUNT, RS = REAR SIDE MOUNT, SI = SIDE INLET

CALIPERS

**WARNING:** The user or installer of any product from this catalog must determine its suitability for their intended purpose or application