



BILLET SUPERLITE SL6 LUG MOUNT CALIPERS

Caliper Highlights:

The billet **SL6** series integrates "Big Brake" style and Wilwood's latest technology into the traditional 3.50" centered lug mount Superlite caliper category. Each caliper is precision CNC machined from high strength billet into three specialized configurations that cover a broad range of competition and sports driving applications.

The key to the superior performance of the **SL6** comes from the extremely durable, efficient and lightweight body design. Starting at 5.06, 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 have produced the strongest Superlite 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 **SL6** calipers feature one-piece stainless steel pistons. Stainless is used for its slow heat transfer properties and high resistance to corrosion. The **SL6/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 the caliper body, seals, and fluid. Cooler temperatures translate to longer service life and less chance for heat induced pedal fade.

In addition, each **SL6** 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 SL6 AND SL6/ST:



Black

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 22.

SL6 WITH STAINLESS STEEL PISTONS CALIPER ORDERING INFORMATION:⁽¹⁾

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	120-5960-FS	120-5961-FS	120-5960-RS	120-5961-RS
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.00" 25,4 mm	120-5958-FS	120-5959-FS	120-5958-RS	120-5959-RS
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	.81" 20,6 mm	120-5956-FS	120-5957-FS	120-5956-RS	120-5957-RS

SL6 WITH THERMLOCK® PISTONS CALIPER ORDERING INFORMATION:⁽¹⁾

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	120-6094-FS	120-6095-FS	120-6094-RS	120-6095-RS

NOTES: (1) REFERENCE FRONT OF MANUAL FOR GENERAL ORDERING INFORMATION • FS = FRONT SIDE MOUNT, RS = REAR SIDE MOUNT, SI = SIDE INLET

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

BILLET SL6 AND SL6/ST WITH NARROWED OUTBOARD BODY:

Calipers in this group feature a reduced width outboard body to provide additional clearance between the caliper face and the wheel or hub. These calipers were originally built for use with wide 5 hubs, but have found their way to other close fit wheel and hub applications. 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 26, with dimensional variations outlined in note 1.



■ Black

NARROWED SL6 WITH STAINLESS STEEL PISTONS CALIPER ORDERING INFORMATION:⁽¹⁾

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	120-6584-FS	120-6585-FS	120-6584-RS	120-6585-RS

SL6 WITH THERMLOCK® PISTONS CALIPER ORDERING INFORMATION:⁽¹⁾

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	120-6387-FS	120-6388-FS	120-6387-RS	120-6388-RS

NARROWED BODY SL6 FOR 16MM PADS:


■ Black ■ Red ■ Polished

Calipers in this group have the narrowest profile in the entire SL6 category. They are designed for use with 16mm thick 7416 type pads over 1.10" width rotors between 11.75" and 13.00" in diameter. These calipers are primarily used in OE performance "Big Brake" conversion kits and other custom applications with extreme space limitations. Fully polished calipers are also available for custom show car applications. Specific mounting and body width dimensions can be found in the chart on page 22, with dimensional variations outlined in note 2.

NARROWED BODY SL6 FOR 16MM PADS - BLACK CALIPER ORDERING INFORMATION:⁽¹⁾

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	1.10" 27,9 mm	120-7228-FS ⁽²⁾	120-7229-FS ⁽²⁾	120-7228-RS ⁽²⁾	120-7229-RS ⁽²⁾

NARROWED BODY SL6 FOR 16MM PADS - POLISHED CALIPER ORDERING INFORMATION:⁽¹⁾

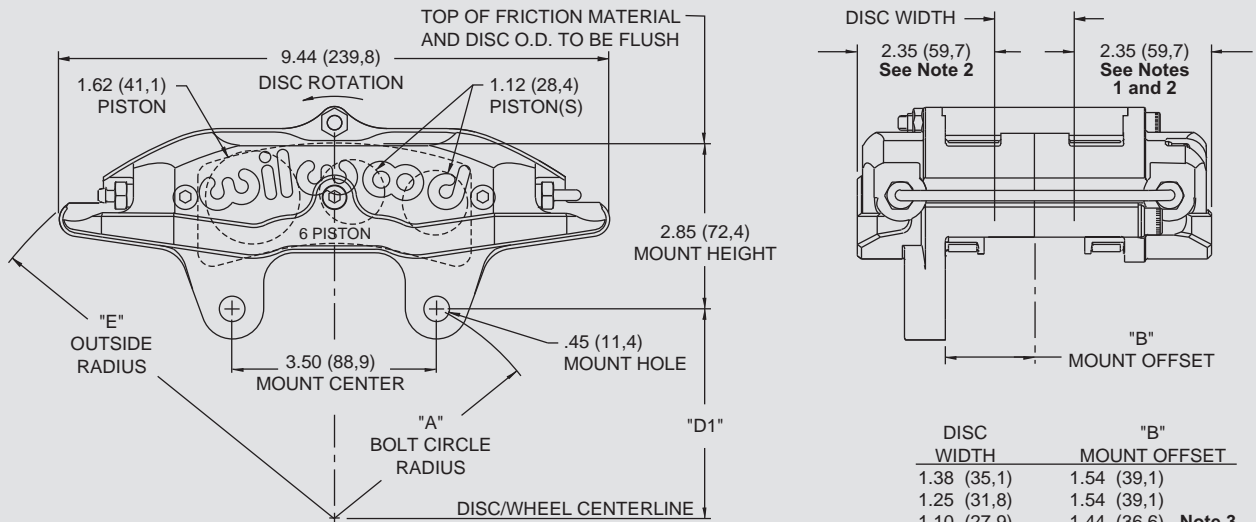
BORE SIZE	DISC WIDTH	REAR MOUNT PART NUMBER	
		RH	LH
1.62 / 1.12 / 1.12" 41,1 / 28,4 / 28,4 mm	1.10" 27,9 mm	120-7259-RSP	120-7260-RSP

NOTES: (1) REFERENCE FRONT OF MANUAL FOR GENERAL ORDERING INFORMATION
 (2) AVAILABLE RED, ADD "R" TO END OF PART NUMBER WHEN ORDERING
 FS = FRONT SIDE MOUNT, RS = REAR SIDE MOUNT, SI = SIDE INLET



BILLET SUPERLITE SL6 LUG MOUNT CALIPERS

SUPERLITE 6 LUG MOUNT CALIPER, MOUNTING DIMENSIONS:



DIMENSION "D1" = (DISC DIAMETER/2) - 2.85 (72,4)

NOTE 1: WIDTH DIMENSION ON NARROW OUTBOARD BODY CALIPER IS 2.13 (54,1)

NOTE 2: WIDTH DIMENSION FOR NARROW BODY CALIPER FOR 16mm PADS IS 1.91 (48,5)

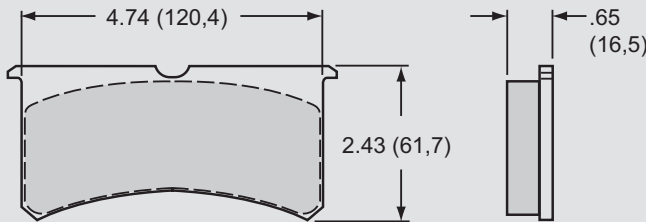
NOTE 3: MOUNT OFFSET DIMENSION FOR NARROW BODY FOR 16mm PADS IS 1.23 (31,2)

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

DISC WIDTH	"B" MOUNT OFFSET
1.38 (35,1)	1.54 (39,1)
1.25 (31,8)	1.54 (39,1)
1.10 (27,9)	1.44 (36,6) Note 3
1.00 (25,4)	1.44 (36,6)
.81 (20,6)	1.32 (33,5)

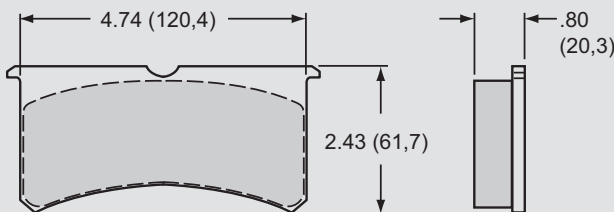
DISC DIAMETER	"A" BOLT CIRCLE RADIUS	"E" OUTSIDE RADIUS
11.75 (298,5)	3.49 (88,6)	6.65 (168,9)
12.19 (309,6)	3.69 (93,7)	6.81 (173,0)
12.72 (323,1)	3.92 (99,6)	7.00 (177,8)
12.88 (327,2)	3.99 (101,3)	7.08 (179,8)
13.00 (330,2)	4.05 (102,9)	7.13 (181,1)

SL6 BRAKE PAD TYPE 7416 - PAD VOLUME = 3.8 CU. IN.:



AXLE SET P/N	PAD TYPE / COMPOUND
15A - 6704K	7416 A PolyMatrix
15B - 6705K	7416 B PolyMatrix
15E - 6707K	7416 E PolyMatrix
15H - 8546K	7416 H PolyMatrix
15Q - 6828K	7416 Q PolyMatrix
150 - 8855K	7416 10 BP-10 Smart Pad
150 - 9415K	7416 20 BP-20 Smart Pad

SL6 BRAKE PAD TYPE 7420 - PAD VOLUME = 4.9 CU. IN.:



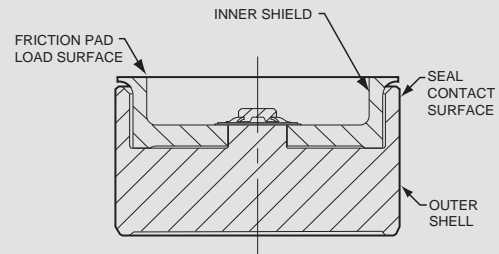
AXLE SET P/N	PAD TYPE / COMPOUND
15A - 5938K	7420 A PolyMatrix
15B - 5939K	7420 B PolyMatrix
15C - 6853K	7420 C PolyMatrix
15E - 6084K	7420 E PolyMatrix
15H - 8114K	7420 H PolyMatrix
15Q - 6829K	7420 Q PolyMatrix
150 - 8854K	7420 10 BP-10 Smart Pad
150 - 9416K	7420 20 BP-20 Smart Pad
150 - 9864K	7420 30 BP-30 Smart Pad
150 - 8323K	7420 SM For Titanium Rotor



THERMLOCK T1 SHORT TRACK PISTON:

Wilwood's **Thermlock® T1** pistons incorporate a stainless steel shield and coated aluminum shell configuration to provide a highly efficient thermal barrier between the brake pads and the caliper body, seals, and fluid. Lower operating temperatures eliminate seal crystallization and localized fluid boiling while providing longer caliper service life through decreased distortion in the caliper body and piston bores. **Thermlock® T1** pistons are standard equipment in all "ST" designated calipers.

They can also be ordered separately to update any existing stainless steel piston equipped caliper built for 7420 type 20mm pads. **Thermlock® T1** pistons are not compatible with the special narrow body calipers built for use with the 7416 type 16mm pads.



THERMLOCK T1 PISTON CROSS-SECTION

1.62" (41,1 mm) Diameter - Order P/N: 200-7553

1.12" (28,4 mm) Diameter - Order P/N: 200-7556

SERVICE PARTS ORDERING INFORMATION:

CALIPER PART NO.	PISTON	SQ RING KIT (6 PK)	BLEED SCREW KIT (4 PK)	CROSSOVER TUBE KIT (4 PK)	SELF-BLEED TUBE (EA)	BRIDGE BOLT KIT	BRIDGE WEAR PLATE (EA)
120-5956	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5973	—	230-5976	300-5922 (R/H) 300-5923 (L/H)
120-5957	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5973	—	230-5976	300-5922 (R/H) 300-5923 (L/H)
120-5958	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5974	—	230-5977	300-5922 (R/H) 300-5923 (L/H)
120-5959	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5974	—	230-5977	300-5922 (R/H) 300-5923 (L/H)
120-5960	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-5961	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-6094	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-6095	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-6198-SI	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-5973	—	230-5976	300-5922 (R/H) 300-5923 (L/H)
120-6199-SI	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-6387	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-6388	200-7553 (1.62") 200-7556 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-6584	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-6585	200-7519 (1.62") 200-7513 (1.12")	130-5972	220-6069	190-5975	190-8310	230-5978	300-5922 (R/H) 300-5923 (L/H)
120-7228	200-7520 (1.62") 200-8439 (1.12")	130-5972	220-6069	190-7711	—	230-7710	300-6595 (R/H) 300-6596 (L/H)
120-7229	200-7520 (1.62") 200-8439 (1.12")	130-5972	220-6069	190-7711	—	230-7710	300-6595 (R/H) 300-6596 (L/H)
120-7259	200-7520 (1.62") 200-8439 (1.12")	130-5972	220-6069	190-7711	—	230-7709	300-6595 (R/H) 300-6596 (L/H)
120-7260	200-7520 (1.62") 200-8439 (1.12")	130-5972	220-6069	190-7711	—	230-7709	300-6595 (R/H) 300-6596 (L/H)