



BILLET SUPERLITE 6/ST & 6R/ST CALIPERS FOR WIDE 5 HUB APPLICATIONS

Superlite 6/ST Lug Mount:

These popular mid-size calipers feature the same big brake technology used to capture repeated NASCAR championships. The **Superlite SL-6/ST** demonstrates the ultimate balance between strength, weight and heat management. The super strong billet caliper is fully CNC machined by Wilwood, and built specifically for use with 5 on 5 lug hubs.

At just under five pounds, the **SL-6/ST** delivers true heavyweight clamp force and stopping power. It features a solid bridge design for rigidity and the absolute highest clamping efficiency. The solid bridges are fitted with replaceable stainless steel wear plates that provide long, smooth operation and easy service. A single, large bridge bolt provides additional strength in the center of the caliper. It is easily removed for fast service to the top loaded pads. The calipers are center fed from the inboard side with a 1/8-27 NPT fluid inlet. The bleeders and transfer tubes are integrally protected, and placed for optimal fluid flow and evacuation.

The special six piston design features a differential bore pattern for optimum pad loading and parallel wear. **Thermlock®** pistons and a full set of stainless inner heat shields are standard equipment for maximum thermal protection. The unique **Thermlock®** piston design reduces heat transfer by up to 1/3 over one-piece stainless steel pistons. This keeps the fluid running cooler and seals lasting longer. The special coating on the outer piston shell provides smoother operation with reduced wear in the caliper bores.

The **SL-6/ST** uses standard 3.5" lug mounting and is a direct replacement for all SL type calipers as used in ARTGO, ASA, NASCAR and many other late model stock car sanctions. This model is also the perfect upgrade for extreme duty applications with rear inboard brake systems on sprints or other open wheel categories using lug type mounting. Also as an optional feature, the **SL-6/ST** is available with outboard side fluid inlet (-SI suffix when ordering) for limited clearance sidebell mounting applications.



Superlite 6R/ST Radial Mount

The **Superlite SL-6R/ST** offers the versatility, accuracy and simplified service of radial mounting. With optional brackets, these calipers are easily bolted to a wide range of applications and configurations.

We offer a **SL-6R/ST** bracket that adapts the 4.86" radial mount pattern of the caliper to the standard 3.5" lug mount pattern. When combined with this bracket, the **SL-6R/ST** is a direct replacement for any 3.5" lug mount Superlite style caliper.

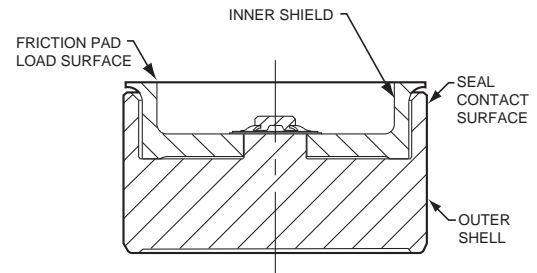


Also available is a "**GT**" bracket that adapts the 4.86" radial mount pattern of the caliper to the GT 5.25" mount tabs used on larger stock car spindles. When combined with this bracket, the **SL-6R/ST** is a direct replacement for the LC-GT Super Speedway caliper.

ORDERING INFORMATION:

Thermlock Short Track Piston:

Wilwood's unique **Thermlock®** Short Track Piston reduces caliper operating temperatures to extend seal life and improve fluid performance. This refined piston design further enhances our insulated shield and shell heat management system, minimizing thermal transfer from the brake pad down the piston wall. Nothing works better towards reducing heat related seal crystallization and localized fluid boiling. As a standard feature on our **Superlite SL-6/ST Series** calipers, you are assured of maximum heat protection.



Thermlock T1 PISTON CROSS-SECTION

1.62" (41,1 mm) Diameter - Order P/N: 200-5403

1.12" (28,4 mm) Diameter - Order P/N: 200-5415

BILLET SUPERLITE SL-6/ST: ⁽¹⁾

DIFFERENTIAL BORE

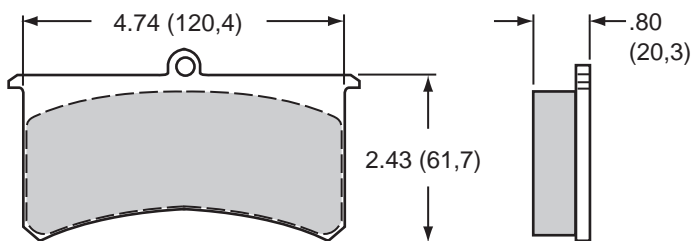
BORE SIZE	DISC WIDTH	FRONT MOUNT PART NUMBER		REAR MOUNT PART NUMBER	
		RH	LH	RH	LH
1.62/1.12/1.12" 41,1/28,4/28,4 mm	1.25" 31,8 mm	120-6387-FS	120-6388-FS	120-6387-RS	120-6388-RS
1.62/1.12/1.12" 41,1/28,4/28,4 mm	1.25" 31,8 mm	120-6584-FS ⁽²⁾	120-6585-FS ⁽²⁾	120-6584-RS ⁽²⁾	120-6585-RS ⁽²⁾

BILLET SUPERLITE SL-6R/ST: ⁽¹⁾

DIFFERENTIAL BORE

BORE SIZE	DISC WIDTH	FRONT MOUNT PART NUMBER		REAR MOUNT PART NUMBER	
		RH	LH	RH	LH
1.62/1.12/1.12" 41,1/28,4/28,4 mm	1.25" 31,8 mm	120-6385-FS	120-6386-FS	120-6385-RS	120-6386-RS

SUPERLITE 6 / 6R CALIPER, TYPE 7320 PAD DIMENSIONS AND ORDERING INFORMATION:



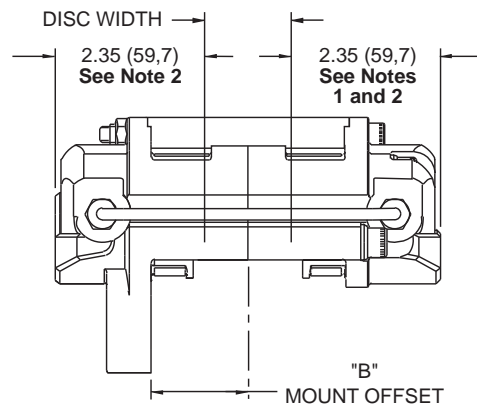
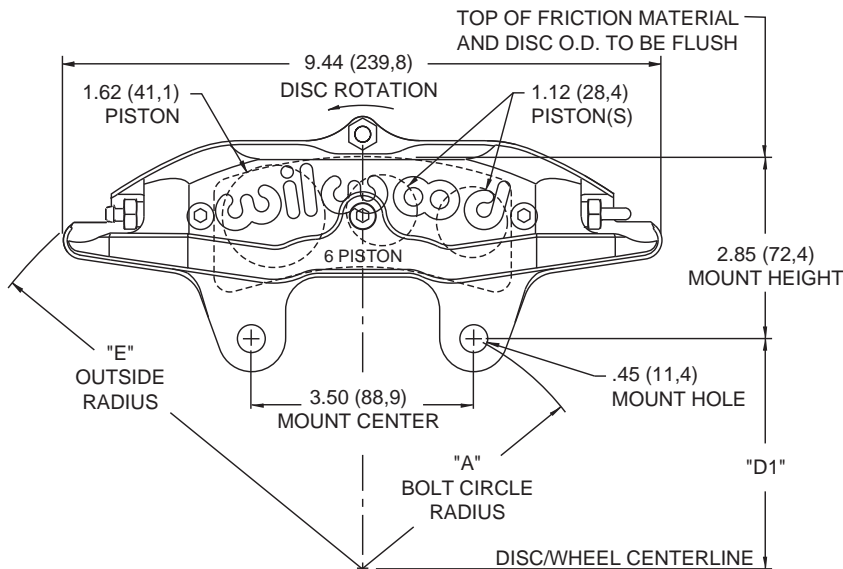
AXLE SET PART NO.	PAD TYPE/COMPOUND
15A - 5735K	7320 A PolyMatrix
15B - 3992K	7320 B PolyMatrix
15C - 4040K	7320 C PolyMatrix
15D - 4332K	7320 D PolyMatrix
15E - 6100K	7320 E PolyMatrix
15J - 6442K	7320 J PolyMatrix
15Q - 6827K	7320 Q PolyMatrix
15T - 5915K	7320 T PolyMatrix

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

(2) WITHOUT THERMLOCK PISTONS

BILLET SUPERLITE 6/ST AND 6R/ST CALIPERS (Cont)

TYPICAL SUPERLITE 6/ST LUG MOUNT CALIPER, MOUNTING DIMENSIONS (SUPERLITE 6/ST LUG SHOWN):



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)

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

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

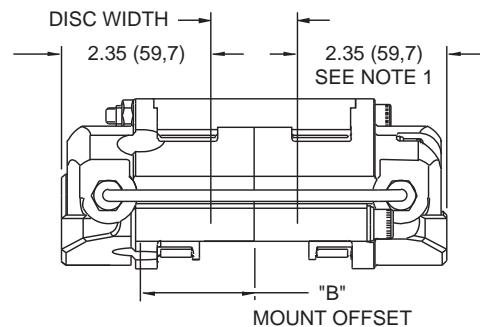
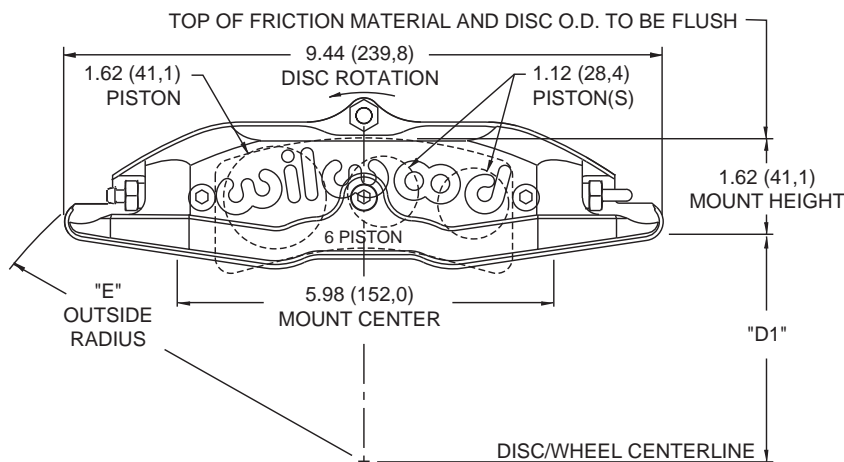
NOTE 2: WIDTH DIMENSION FOR NARROW BODY CALIPER FOR 16mm PADS IS 1.91 (48,5)

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 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)

TYPICAL SUPERLITE 6/ST RADIAL MOUNT CALIPER, MOUNTING DIMENSIONS (SUPERLITE 6R/ST SHOWN):



DISC WIDTH	"B" MOUNT OFFSET
1.38 (35,1)	1.80 (45,7)
1.25 (31,8)	1.80 (45,7)
1.10 (27,9)	1.70 (43,2)
1.00 (25,4)	1.70 (43,2)
.81 (20,6)	1.58 (40,1)

DIMENSION "D1" = (DISC DIAMETER/2) - 1.62 (41,1)

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

NOTE 2: RIGHT HAND REAR MOUNT CALIPER SHOWN.

INLET FITTING: 1/8-27 NPT
RADIAL MOUNT BRACKETS ARE AVAILABLE

DISC DIAMETER	"E" OUTSIDE RADIUS
11.75 (298,5)	6.65 (168,9)
12.19 (309,6)	6.81 (173,0)
12.72 (323,1)	7.00 (177,8)
12.88 (327,2)	7.07 (179,6)
13.00 (330,2)	7.13 (181,1)

BILLET SUPERLITE SL-6/ST: ORDERING INFORMATION: USER SERVICEABLE COMPONENTS:

<u>ASSEMBLY</u>	<u>INBOARD BODY</u>	<u>OUTBOARD BODY</u>	<u>PISTON</u>	<u>PAD WEAR PLATES</u>	<u>CROSSOVER TUBE KIT (4 PK)</u>	<u>BLEED SCREW KIT (4 PK)</u>	<u>BRIDGE BOLT KIT</u>	<u>SQ RING KIT (6 PK)</u>
120-6387-FS	110-6079	110-6390	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6387-RS	110-6079	110-6390	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6388-FS	110-6081	110-6392	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6388-RS	110-6081	110-6392	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6584-FS	110-6079	110-6390	200-1114 (1.62") 200-6307 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6584-RS	110-6079	110-6390	200-1114 (1.62") 200-6307 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6585-FS	110-6081	110-6392	200-1114 (1.62") 200-6307 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6585-RS	110-6081	110-6392	200-1114 (1.62") 200-6307 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972

BILLET SUPERLITE SL-6R/ST: ORDERING INFORMATION: USER SERVICEABLE COMPONENTS:

<u>ASSEMBLY</u>	<u>INBOARD BODY</u>	<u>OUTBOARD BODY</u>	<u>PISTON</u>	<u>PAD WEAR PLATES</u>	<u>CROSSOVER TUBE KIT (4 PK)</u>	<u>BLEED SCREW KIT (4 PK)</u>	<u>BRIDGE BOLT KIT</u>	<u>SQ RING KIT (6 PK)</u>
120-6385-FS	110-6127	110-6128	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6385-RS	110-6127	110-6128	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6386-FS	110-6129	110-6130	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972
120-6386-RS	110-6129	110-6130	200-5403 (1.62") 200-5415 (1.12")	300-5922/23	190-5973	220-6069	230-5976	130-5972