

GN III AND GN III/ST CALIPERS

Caliper Highlights:

Wilwood's GN III is a time proven caliper that has been widely used with 5 on 5 hubs for stock car, road course, and off-road competition. The 3.50" mount configuration (also available in 6.00" mount) incorporates this legacy of enduring performance, with options available for the latest brake system heat management technology.



■ Black

3.50" mount with taller height for 12.19" rotors.

The new generation GN III uses the same popular 3.50" mounting pattern found on the Superlite caliper series, but are built with a taller mounting height. This feature accommodates the installation of 12.19" diameter rotors on the same spindle brackets used with a Superlite caliper and 11.75" diameter rotor. The GN III can be run with either a 1.25" or 1.38" thick rotor. This makes it possible to run three different bolt-on brake setups, without the need for bracket changes on the spindle.

High strength, low deflection, and superior stopping power. Each GN III is manufactured from a precision casting using a tight grained, high-density aircraft alloy. It is a two-piece, closed bridge design with grade 8 thru-bolts and external stiffening ribs. The GN III utilizes a unique six-piston configuration that generates high clamping force with balanced loading for extremely even pad wear. The 1.75" / 1.38" / 1.38" bore pattern contains a total of 5.44 square inches of effective piston clamp area. This makes the GN III one of the largest calipers available, with weights starting at 5.94 pounds. The caliper bridges are fitted with stainless steel plates to reduce wear and provide smooth pad operation. Dual center bridge bolts add to the overall caliper strength and provide positive retention for the top loaded pads. Dollar for dollar, this combination is unmatched for high strength, low deflection, and superior stopping power.

Thermlock® or stainless steel pistons. The standard GN III uses six stainless steel cup pistons. Stainless is used for its slow heat transfer properties and high corrosion resistance. The GN III/ST models feature Wilwood's exclusive **Thermlock®** pistons to minimize the direct heat transfer from the pads. These pistons can reduce caliper temperatures by more than 30% over stainless steel pistons, without the need for fluid recirculation systems. Fluid temperatures are reduced, seal life is extended, and caliper service life is prolonged with less distortion and reduced wear in the piston bores. Cooler temperatures translate into maximum performance and ultimate reliability over the longest run. **Thermlock® pistons are also available for the 6.00" mount, see page 119 for details.** Using EXP 600 Plus racing brake fluid will guarantee success with trouble free performance in all extreme conditions.

Big pad volume. The 3.50" or 6.00" mount GN III calipers use the 7520 style pad. The longer and wider pad face provides a full two cubic increase in pad volume over a 7320 style Superlite pad. Larger pads mean longer wear and additional heat resistance in extreme duty conditions. Four brake compounds are available to match brake torque and heat range requirements on any application.

3.50" MOUNT GN III WITH STAINLESS STEEL PISTONS ORDERING INFORMATION:⁽¹⁾

BORE SIZE	DISC WIDTH	FRONT MOUNT PART NO.		REAR MOUNT PART NO.	
		RH	LH	RH	LH
1.75 / 1.38 / 1.38"	1.25 - 1.38"	120-6478-FS	120-6479-FS	120-6478-RS	120-6479-RS
47,8 / 44,5 / 44,5 mm	31,8 - 35,1 mm				

6.00" MOUNT GN III WITH STAINLESS STEEL PISTONS ORDERING INFORMATION:⁽¹⁾

BORE SIZE	DISC WIDTH	FRONT MOUNT PART NO.		REAR MOUNT PART NO.	
		RH	LH	RH	LH
1.75 / 1.38 / 1.38"	1.38"	120-3030-FS	120-3031-FS	120-3030-RS	120-3031-RS
47,8 / 44,5 / 44,5 mm	35,1 mm				

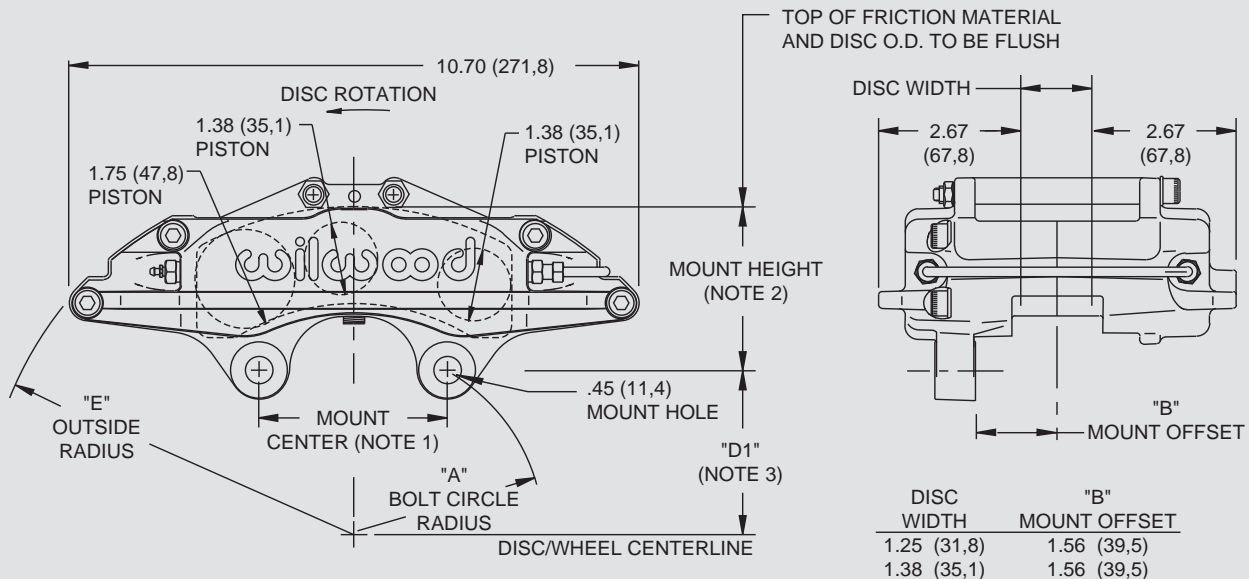
NOTES: (1) REFERENCE FRONT OF MANUAL FOR GENERAL ORDERING INFORMATION (FS = FRONT SIDE MOUNT, RS = REAR SIDE MOUNT)

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





GN III CALIPER, MOUNTING DIMENSIONS:



NOTE 1: MOUNT CENTERS 3.50" (88,9) OR 6.00" (152,4)

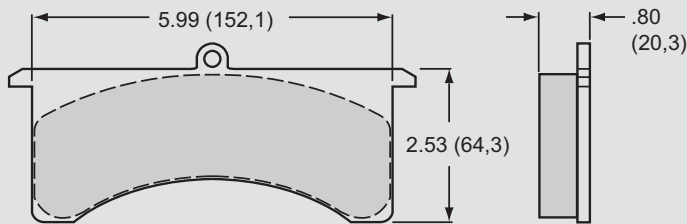
NOTE 2: 3.07" (77,9) FOR 3.50" MOUNT CENTER MODELS
3.11" (79,0) FOR 6.00" MOUNT CENTER MODELS

NOTE 3: 3.50" MOUNT "D1" = (DISC DIAMETER/2) - 3.07 (77,9)
6.00" MOUNT "D1" = (DISC DIAMETER/2) - 3.11 (79,0)

NOTE 4: RIGHT HAND, REAR MOUNT CALIPER SHOWN
INLET FITTING: 1/8-27 NPT

DISC DIAMETER	"A" BOLT CIRCLE RADIUS		"E" OUTSIDE RADIUS
	3.50" MOUNT	6.00" MOUNT	
12.19 (309,6)	3.50 (88,9)	4.23 (107,4)	6.92 (175,8)
12.72 (323,1)	4.42 (112,3)	4.42 (112,3)	7.10 (180,3)
13.00 (330,2)	4.53 (115,1)	4.53 (115,1)	7.19 (182,6)

GN III BRAKE PAD TYPE 7520 - PAD VOLUME = 6.9 CU. IN.:



AXLE SET P/N	PAD TYPE / COMPOUND
15A - 5736K	7520 A PolyMatrix
15B - 3993K	7520 B PolyMatrix
15E - 6101K	7520 E PolyMatrix
15Q - 6879K	7520 Q PolyMatrix
150 - 9425K	7520 10 BP-10 Smart Pad
150 - 9417K	7520 20 BP-20 Smart Pad

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)	COTTER PINS (10 PK)
120-3030	200-7516 (1.38") 200-7531 (1.75")	130-3084	220-0627	190-3664	190-3615	230-3029	300-3053	180-0053
120-3031	200-7516 (1.38") 200-7531 (1.75")	130-3084	220-0627	190-3664	190-3615	230-3029	300-3053	180-0053
120-6478	200-7516 (1.38") 200-7531 (1.75")	130-3084	220-0627	190-3664	190-3615	230-3029	300-3053	180-0053
120-6479	200-7516 (1.38") 200-7531 (1.75")	130-3084	220-0627	190-3664	190-3615	230-3029	300-3053	180-0053