



1948-84 Big Twin Cam

CRANE Cams

The Leader in Performance Technology

VT No.	Year	Specifications				Series Grind Number	TYPE & APPLICATION
		DURATION @ .053"		Gross Valve Lift			
		OPEN/CLOSE ^a		INT.	EXH.		
10-8252	1948-69	248	248	.455°	.455°	Hydraulic 300H	HYDRAULIC - Bolt-in. Broad power range for streetable performance. Works Fireball well with stock compression or increased up to 10:1. Low and mid range improvement. Does not require valve spring change. Works well with stock carburetor and exhaust or performance parts.
		24/44	44/24	479°	479°		
Cam lift at TDC: Int: .126" Exh: .130"*							
10-4380	1948-69	244	244	.455°	.455°	Fireball 296A	MECHANICAL - Bolt-in performance throughout the power range. Also recommended for increased torque in heavy bikes with heavy loads. No spring change required. Works well with stock carburetor and exhaust. Does not have Cranes multi-indexed gear. Replaces A.
10-4381	1970-77	20/44	44/20	.479°	.479°		
10-4382	1978-84	Cam lift at TDC: Int: .108" Exh: .108"*					
10-4383	1948-69	256	256	.490°	.490°	Fireball 308B	MECHANICAL - Performance cam. Can be used with stock compression but works well with 10.5:1 compression ratio. Mid range and top end improvement. Heads must be cleared and may require valve spring change to install. Works well with performance exhaust, carburetor and cylinder head work. Replaces B.
		26/50	50/26	.516°	.516°		
Cam lift at TDC: Int: .129" Exh: .129"*							
10-4352	1948-69	254	264	.450°	.450°	Hydraulic Hi-Roller H298-2B	HYDRAULIC - Performance can be used with performance type carburetor and exhaust. Increased mid-range and top end horsepower. Check valve-to- valve clearance.
		25/49	62/22	.474°	.474°		
Cam lift at TDC: Int: .137" Exh: .128"*							
10-4356	1948-69	266	266	.525°	.525°	Hi-Roller 310B	MECHANICAL - High performance street and drags. Increased compression ratio and/or cubic inches required. Must change valve springs and check spring travel, piston-to-valve, and valve-to-valve clearances.
		31/55	55/31	.553°	.553°		
Cam lift at TDC: Int: .152" Exh: .155"*							
		268	268	.485°	.485°	Hi-Roller 304B	MECHANICAL - Streetable high performance. Increased compression ratio and/or cubic inches required. Must change valve springs and check spring travel, piston-to-valve, and valve-to-valve clearances.
10-4362	1970-77	32/56	56/32	.511°	.511°		
10-4369	1978-84	Cam lift at TDC: Int: .152" Exh: .152"*					
10-4371	1948-69	276	276	.550°	.550°	Hi-Roller 320B	MECHANICAL - Street and drag cam for high performance engines. Increased cubic inches required for best results. Head work required for proper spring travel, piston-to-valve, and valve-to-valve clearances.
		36/60	64/32	.579°	.579°		
Cam lift at TDC: Int: .172" Exh: .160"*							
10-4374	1948-69	286	286	.575°	.575°	Hi-Roller 330B	MECHANICAL - Drag cam for large cubic engines. Head work required for proper spring travel, piston-to-valve, and valve-to-valve clearances, also to insure maximum performance Camshafts having over .450" valve lift in 1948-69 engines, will need to have front
		41/65	73/33	.606°	.606°		
10-4376	1978-84	Cam lift at TDC: Int: .192" Exh: .164"*					

Camshafts having over .450" valve lift in 1948-57 engines, will need to have front intake lobe-to-case clearance checked.

* To convert cam lift to valve lift, multiply the cam lift figure by the rocker arm ratio: Shovelhead - 1.425; Panhead - 1.5.

^a Opening and closing figures for camshafts with the multiple keyway gear are based on the gear installed in the "0" position.

^b Gross valve lift for Shovelhead with 1.425 rocker arm ratio.

^c Gross valve lift for Panhead with 1.5 rocker arm ratio.



10-8264



10-8263



10-8262



10-8261



10-8260



Cam Needle Bearings feature full compliment roller design. OEM# 9058. Fits 1958-99 Big Twin.

VT No. Brand
12-0397 V-Twin
12-0316 Torrington



16-1271

Sifton Inner Cam Bearing Remover Tool allows removal of needle bearing and will also keep needles from falling into engine. Fits 1958-99 Big Twin.

VT No. 16-1271

Sifton Cam Bushing Kits. Big Twin type includes cam and gear shaft bushings/bearings with lock pins and thrust plate.

VT No.	Year
10-8264	1936-53
10-8263	1954-57
10-8262	1958-69
10-8261	1970-72
10-8260	1973-92

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