

Specifications for Camshafts Used in the 3400 Family Engines

3406 Engines

Table 9

Model 3406										
Part Number	Minimum Base Journal Diameter		Minimum Base Circle Diameter			Minimum Lobe Lift			Surface Finish (max) ⁽¹⁾	
	Next to the Gear	Middle Journals	Intake	Exhaust	Inj	Intake	Exhaust	Inj	Journal	Lobe
100-7408	69.804 mm (2.7482 in)	69.779 mm (2.7472 in)	47.77 mm (1.881 in)	47.77 mm (1.881 in)	N/A	10.212 mm (0.4020 in)	10.210 mm (0.4020 in)	N/A	0.50 (20)	0.60 (24)
117-6206	69.804 mm (2.7482 in)	69.792 mm (2.7477 in)	47.2 mm (1.86 in)	47.2 mm (1.86 in)	N/A	10.500 mm (0.4134 in)	10.500 mm (0.4134 in)	N/A	0.50 (20)	0.60 (24)
130-9710	84.804 mm (3.3387 in)	84.592 mm (3.3304 in)	63.7 mm (2.51 in)	64.7 mm (2.55 in)	62.2 mm (2.45 in)	9.702 mm (0.3820 in)	8.515 mm (0.3352 in)	10.451 mm (0.4115 in)	0.25 (1)	0.25 (1)
131-0510	84.804 mm (3.3387 in)	84.792 mm (3.3383 in)	63.7 mm (2.51 in)	64.7 mm (2.55 in)	62.1 mm (2.44 in)	9.702 mm (0.3820 in)	8.515 mm (0.3352 in)	10.449 mm (0.4114 in)	0.25 (1)	0.25 (1)
139-0537	84.804 mm (3.3387 in)	84.792 mm (3.3383 in)	63.7 mm (2.51 in)	64.7 mm (2.55 in)	62.2 mm (2.45 in)	9.702 mm (0.3820 in)	8.515 mm (0.3352 in)	10.212 mm (0.4020 in)	0.25 (1)	0.25 (1)
143-9153	84.804 mm (3.3387 in)	84.792 mm (3.3383 in)	63.7 mm (2.51 in)	64.7 mm (2.55 in)	62.1 mm (2.44 in)	9.702 mm (0.3820 in)	8.515 mm (0.3352 in)	10.471 mm (0.4122 in)	0.25 (1)	0.25 (1)
185-6349	84.804 mm (3.3387 in)	84.792 mm (3.3383 in)	63.7 mm (2.51 in)	64.7 mm (2.55 in)	62.2 mm (2.45 in)	9.431 mm (0.3713 in)	8.515 mm (0.3352 in)	10.451 mm (0.4115 in)	0.25 (1)	0.25 (1)
187-9381	84.804 mm (3.3387 in)	84.792 mm (3.3383 in)	63.7 mm (2.51 in)	64.7 mm (2.55 in)	62.2 mm (2.45 in)	9.702 mm (0.3820 in)	8.515 mm (0.3352 in)	10.451 mm (0.4115 in)	0.25 (1)	0.25 (1)
4N-6598	69.804 mm (2.7482 in)	69.792 mm (2.7477 in)	50.07 mm (1.971 in)	50.07 mm (1.971 in)	N/A	8.784 mm (0.3458 in)	8.783 mm (0.3458 in)	N/A	0.25 (1)	0.25 (1)
4P-0730	69.804 mm	69.792 mm	47.77 mm	47.77 mm	N/A	7.000 mm	8.900 mm	N/A	0.50	0.60

	(2.7482 in)	(2.7477 in)	(1.881 in)	(1.881 in)		(0.2756 in)	(0.3504 in)		(20)	(24)
4P-7696	69.804 mm (2.7482 in)	69.792 mm (2.7477 in)	47.77 mm (1.881 in)	47.77 mm (1.881 in)	N/A	8.901 mm (0.3504 in)	8.901 mm (0.3504 in)	N/A	0.50 (20)	0.60 (24)
4W-2430	69.804 mm (2.7482 in)	69.792 mm (2.7477 in)	48.09 mm (1.893 in)	48.09 mm (1.893 in)	N/A	10.211 mm (0.4020 in)	10.211 mm (0.4020 in)	N/A	0.50 (20)	0.60 (24)
6N-1405	69.804 mm (2.7482 in)	69.792 mm (2.7477 in)	50.07 mm (1.971 in)	50.07 mm (1.971 in)	N/A	8.784 mm (0.3458 in)	8.783 mm (0.3458 in)	N/A	0.50 (20)	0.60 (24)
6N-4991 8N-9245	69.804 mm (2.7482 in)	69.792 mm (2.7477 in)	49.75 mm (1.959 in)	49.75 mm (1.959 in)	N/A	8.100 mm (0.3189 in)	8.783 mm (0.3458 in)	N/A	0.50 (20)	0.60 (24)
7E-9980 ⁽²⁾	58.653 mm(2.3092 in)	58.641 mm (2.3087 in)	39.91 mm (1.571 in)	39.91 mm (1.571 in)	N/A	8.382 mm (0.3300 in)	8.382 mm (0.3300 in)	N/A	0.50 (20)	0.80 (32)
7W-3797	69.804 mm (2.7482 in)	69.792 mm (2.7477 in)	47.59 mm (1.874 in)	47.59 mm (1.874 in)	N/A	10.212 mm (0.4020 in)	10.210 mm (0.4020 in)	N/A	0.50 (20)	0.60 (24)
332-7308	84.804 mm (3.3387 in)	84.792 mm (3.3383 in)	47.59 mm (1.874 in)	47.59 mm (1.874 in)	N/A	9.431 mm (0.3713 in)	8.515 mm (0.3352 in)	10.451 mm (0.4115 in)	0.25 (1)	0.25 (1)

(1) The surface finish (Ra) is specified in μ meters (μ inches).

(2) Tapered lobe