

## ULTIMATE PRO SERIES ROLLER CAMSHAFTS

GRIND #	ADVERTISED DURATION		.050" DURATION		CAM LOBE LIFT		VALVE LIFT 1.5:1 ROCKER		VALVE LIFT 1.6:1 ROCKER		VALVE LIFT 1.7:1 ROCKER		LOBE CENTRE SEPARATION
	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	
<b>CSBR 411</b>	280	280	245	245	.390	.390	.585	.585	.624	.624	.663	.663	110

ROLLER: Excellent street application roller grind. Will outperform similar duration solid flat tappet cams by up to 40 HP in reasonably well-set up engines. Equally at home in Holden, Chev or Ford V8s with adjustable valve trains. Works well with streetable compression ratios of between 9.5 – 10:1 and pump fuels. Also an excellent choice in late-model EFI engines as a replacement for equivalent solids. RPM Range 2300 – 6000. (Hot Lash: Int .025", Exh .025")

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	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	
<b>CSBR 410</b>	280	290	245	254	.390	.390	.585	.585	.624	.624	.663	.663	110

ROLLER: Latest design smooth acting street roller. Excellent low and mid range torque. Lopey idle. Works with 10:1 streetable compression ratio. Great base line bracket race roller for the street/strip car. Popular speedway cam for the smaller engines. Makes 470+ B.H.P. in our "Ultimate" 355ci EFI twin throttle body engine. RPM Range 2500 - 6500. Lash: Int .025", Exh .025")

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	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	
<b>CSBR 408</b>	280	290	245	254	.390	.390	.585	.585	.624	.624	.663	.663	108

ROLLER: Rough idle. 108 LC version of CSBR 410, more suited to the auto trans. car with 3500 or looser converter. Easily outperforms flat tappet cams with substantially more duration. Excellent street/strip use in the true pro-street car. Very gentle on the valvetrain. RPM Range 2400 - 6500 plus (Hot Lash: Int .025", Exh .025").

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	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	
<b>CSBR 492</b>	297	304	253	259	.368	.365	.552	.548	.589	.584	.626	.621	106

ROLLER: The ultimate street/strip roller cam with excellent torque and power. Suitable for daily use in fully built engines. Excellent dual purpose cam for marine, speedway or circuit use. Short lift grind is easy on the valve train and doesn't require typical roller spring. RPM Range 3000 - 7000 plus. (Hot Lash: Int .020", Exh .020")

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	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	
<b>CSBR 160</b>	290	302	251	262	.400	.414	.600	.621	.640	.662	.680	.704	106

ROLLER: Rough idle, latest computer profile, with relatively short duration and high valve lift. Great speedway or boat race grind. Equally at home on the drag strip, producing great torque and power on fully built race engine. Very reliable endurance grind. RPM Range 3000 - 7000 plus. (Hot Lash: Int .020", Exh .020")

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	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	INT.	EXH.	
<b>CSBR 170</b>	290	300	255	263	.423	.403	.635	.605	.677	.645	.719	.685	106

ROLLER: Rough idle, superior power and torque in the fully built engine. Unbeatable results in speedway sports sedan, endurance boats and automatic trans. drag racers. Equally at home in the 350-400ci engines. Must have 11:1 plus compression. RPM Range 3200 - 7200 plus. (Hot Lash: Int .026", Exh .026")