

# CRANE CAMS® CAMSHAFT SPECIFICATION CARD

PART NUMBER: **1989501** ENGINE TYPE: **HYDRAULIC ROLLER SPECIAL**  
 GRINDNO: **HR-210/3236-2S-12**  
 ENGINE IDENT: **CHRYSLER HEMI V8 5.7L 2001-UP**

VALVE SETTING: INTAKE <b>.000</b>		EXHAUST <b>.000</b>		→ <b>HOT</b>	
INTAKE @ CAM <b>3236</b>		@ VALVE <b>550</b>		ROCKER ARM RATIO	
LIFT: EXHAUST @ CAM <b>3236</b>		@ VALVE <b>550</b>		<b>1.70</b>	
<small>ALL LIFTS ARE BASED ON ZERO LASH AND THEORETICAL ROCKER RATIOS</small>					
CAM TIMING		OPENS		CLOSES	
<b>.004</b>	INTAKE	<b>23.5 BTDC</b>		<b>64.5 ABDC</b>	
@ <b>TAPPET</b>	LIFT	EXHAUST	<b>70.5 BBDC</b>	<b>23.5 ATDC</b>	ADVERTISED DURATION
					<b>268.0</b> °
					<b>274.0</b> °
SPRING REQUIREMENTS					RECOMMENDED RPM RANGE WITH MATCHING COMPONENTS
PART NUMBER --	TRIPLE	DUAL	OUTER	INNER	
LOADS: CLOSED: --	LBS	@ --	OR --		
OPEN: --	LBS	@ --			
CAM TIMING		OPENS		CLOSES	
@ <b>.050</b>	INTAKE	<b>(2.0) ATDC</b>		<b>32.0 ABDC</b>	
<b>TAPPET</b>	LIFT	EXHAUST	<b>45.0 BBDC</b>	<b>(9.0) BTDC</b>	MAX LIFT
					<b>107</b> °ATDC
					<b>117</b> °BTDC
					<b>210.0</b> °
					<b>216.0</b> °

## IMPORTANT!

Crane Cams continuously improves and upgrades its cam designs. In some cases this may mean that two Crane Cams with the same part number may actually be different grinds. You must check the GRIND NUMBER stamped on the front of the camshaft and check it against the Grind Number near the top of the Spec Card. For more information on the finest available camshafts, valve train components, and automotive ignition products, visit your local Crane dealer or call the Crane Cams tech line at: (866) 388-5120 or fax (608) 627-0480.

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 TECHNICAL INFORMATION CALL (866) 388-5120 OR FAX (608) 627-0480