

SOLID CAMSHAFTS

Type 1 & 3 Air Cooled, & Type 4 Water Cooled

Note: These cams use .006" intake, .008" exhaust valve lash.

Note: Water cooled cam cores also available for Rabbit, Scirocco, Jetta and Dasher (1972-90) 4 cyl.

Description	C.I.D. Group	Part Number	Grind Lobe Center	Advertised Duration		Duration @ .050"		Gross Lift 1.1 / 1.1		Rec Kit	
				Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		
Smooth idle. Great all around stock replacement cam. Super torque profile. RPM Power Range: 1000 to 5000 plus.	All cid	61002	B260F 110°	260°	268°	220°	227°	.375"	.381"	84261	
Fair idle. Good bottom end profile with mid-range power. Emphasis on torque. RPM Power Range: 1800 to 6000 plus.	All cid	61000	M268F 110°	268°	268°	227°	227°	.354"	.354"	84261	
Fair idle. Competition profile. Super torque and mid-range profile for 1600cc engines. RPM Power Range: 2000 to 7000 plus.	All cid	61003	VW276F 107°	276°	284°	234°	244°	.398"	.421"	84261 or 84361	
Fair idle. High torque profile with emphasis on the top end for 1800cc engines and under. RPM Power Range: 2000 to 7000 plus.	All cid	61004	VW284F 107°	284°	290°	244°	252°	.424"	.446"	84261 or 84361	
Fair idle. Broad mid-range and top end power for 2180cc engines and under. RPM Power Range: 2500 to 7500 plus.	All cid	61005	VW290F 107°	290°	298°	252°	260°	.447"	.460"	84361	
Fair idle. Broad mid-range and top end power for engines with increased compression. RPM Power Range: 3000 to 8000 plus.	All cid	61006	VW298F 107°	298°	306°	260°	272°	.462"	.482"	84361	
Rough idle. Strong mid-range and top end power for 2000cc engines or larger with increased compression. RPM Power Range: 3500 to 8500 plus.	All cid	61007	VW306F 107°	306°	312°	272°	280°	.481"	.500"	84361	
CUSTOM GROUND VW CAMS - Special order custom ground profiles available. Proprietary and confidential profiles also available. See specs listed below. Type 1 & 3		00004	<i>Refer to page 7 for camshaft recommendation form</i>								
CUSTOM GROUND VW CAMS - Special order custom ground profiles available. Proprietary and confidential profiles also available. See specs listed below. VW Type 4		00004V	<i>Refer to page 7 for camshaft recommendation form</i>								

Note: Increasing rocker ratio and spring pressure in these camshafts may enhance the performance characteristics of these camshafts, depending on engine setup.

ENGINEERED COMPONENT KITS

Part No.	Lifters	Springs	Retainers	Remarks
84261	66961-8	68141-8	87045-8	For rpm up to 6500 plus.
84361	66961-8	68404-8	87044-8	For rpm up to 8000 plus.

SPECIAL ORDER VOLKSWAGEN CAMSHAFTS

COMPETITION PROFILES

Whether you're running the Type 1, 3 or 4 engine, Crower has hundreds of cam profiles that will deliver increased performance. Call with the following information for a proper **recommendation**:

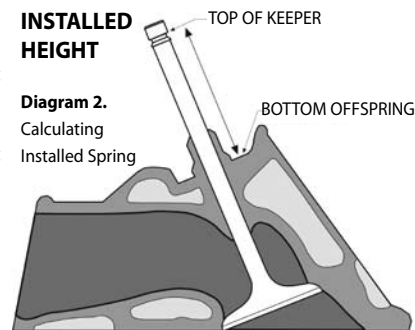
- Engine specs (bore, stroke, etc...).
- Connecting rod length.
- Intake and exhaust flow figures (intake and exhaust manifold lengths).
- Intended operating power range and type of fuel.
- Data on your best existing camshaft.
- Rocker ratio information (intake and exhaust).
- Installed valve spring height (see diagram 2).
- Conventional flat tappet (cast iron), hardface or roller tappet (Type 1 and 3 only).

Spring pressure:

- 68141-8 Seat: 1.600" @ 52 lbs / Nose: 1.050" @ 150 lbs / Coil bind: 0.850" (Stock O.D., no machine work).
- 68404-8 Seat: 1.600" @ 116 lbs / Nose: 1.100" @ 281 lbs / Coil bind: 0.950"
- Optional spring (heavy duty):
- 68146-8 Seat: 1.600" @ 117 lbs / Nose:

SPRING INSTALLED HEIGHT

Diagram 2.
Calculating
Installed Spring



Measure the height from top of keeper groove to bottom of spring seat. Refer to the "height" column of your retainer and add or subtract the amount given from the original overall measurement.

ACCESSORIES

Part No.	Description
86061	Replacement cam gear
86059-3	Cam bolts - Air Cooled