



DuraMag

Stroke:	Main:	Pin:	Part #
3.898	3.146	2.477	D333MU@-MB

Duramax

Average weight = 78 lbs.

Standard Features

- Deep DuraCase nitride treatment that is durability and wear enhancing
- Large True Form fillet
- Keyed sheared proof timing gear fit
- Dual Keyed shear proof shout
- Drilled rod journals for reduced inertia and ease of balance
- Standard Duramax diameter but with strength enhancing 2.154 width
- Machined from 4340 hardened steel
- Main bearing oil holes are machined with lead-ins for enhanced cold start oil flow to rod journals
- Will accept OEM post and flange bolts

Compstar DuraStar (Duramax)

Average weight = 70 lbs.

Standard Features

- Deep DuraCase nitride treatment that is durability and wear enhancing
- Large True Form fillet radii in all journals
- Keyed sheared proof timing gear fit
- Drilled rod journals for reduced inertia and ease of balance
- Stock 3.898" stroke with OEM journal diameters and width
- Machined from 4340 through hardened steel
- Dual keyed damper fit
- Conservatively rated for 800hp @ 800 ft/lb torque
- Main bearing oil holes are machined with lead-ins for enhanced cold start oil flow to rod journals
- Will accept OEM post and flange bolt
- Will accommodate stock rods



DuraStar

Stroke:	Main:	Pin:	Part #
3.898	3.146	2.477	D333M81-CS



Compstar Xtreme: Duramax

Length	Journal	Typ. Wt.	Part #
6.418	2.480	190g.	CST6418MS0LCAX



Ultra Assassin: Power Stroke 6.0L 2003-2009

Length	Journal	Typ. Wt.	Part #
6.929	2.874	1,233g.	U13100



Sam Johnson
 Engine : Dirty Hooker Diesel
 Compstar DuraStar

* Pistons, Bearings, Finish Ground Cams and Cam Cores also available.

Callies Finish Ground Cams

Callies fully finished camshafts are machined and heat treated entirely in house. This continuity of manufacturing allows Callies to deliver high quality camshafts on schedule. Our finished cams are ground with the latest Landis CNC technology. They are ADCOLE and Jenoptik inspected for accuracy, making them the most consistent cams on the market today. If required, your cams can be finished with inverted flank lobe profiles and complex VVT oil channels and drillings.



Callies Finish Ground Cam List - Ford 6.0 Powerstroke

Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .006)		Cam Lift		Valve Lift w/1.4 int 1.42 ex Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Application
		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	
280 - Ford Powerstroke															Hydraulic Roller
280-001	HR	166	180	238	234	0.229	0.232	0.321	0.329	104.5 + 2.5	102	107	0.016	0.015	
280-008	HR	178	196	230	251	0.262	0.261	0.367	0.371	105 + 3	102	108	0.020	0.029	
280-002	HR	180	200	230	253	0.229	0.232	0.321	0.329	107 + 4	103	111	0.020	0.024	
280-003	HR	180	202	232	257	0.252	0.254	0.353	0.361	107.5 + 4	103.5	111.5	0.019	0.028	
280-009	HR	186	204	238	259	0.229	0.232	0.321	0.329	109 + 3	106	112	0.020	0.029	
280-007	HR	198	214	254	288	0.272	0.268	0.381	0.381	108 + 2	106	110	0.029	0.043	
280-004	HR	198	216	254	291	0.275	0.283	0.385	0.402	108 + 2	106	110	0.029	0.045	
280-005	HR	204	222	254	277	0.286	0.285	0.400	0.405	108 + 0	108	108	0.034	0.061	
280-006	SR	244	252	281	289	0.334	0.334	0.468	0.474	110 + 1.5	108.5	111.5	0.087	0.089	Solid Roller - Race Only!

Callies Finish Ground Cam List - Duramax

Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .020)		Cam Lift		Valve Lift w/1.36 int 1.69 ex Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	
270 - Duramax															
270-007	SR	185	187	215	224	0.307	0.250	0.418	0.423	106 + 4	102	110	0.024	0.020	Alternate Firing Order - 8620 carburized
270-006	SR	185	187	215	224	0.307	0.250	0.418	0.423	106 + 4	102	110	0.024	0.020	Standard Firing Order - 8620 carburized
270-001	SR	185	187	215	224	0.307	0.250	0.418	0.423	108 + 4	104	112	0.024	0.020	Alternate Firing Order - 8620 carburized
270-009	SR	185	187	215	224	0.307	0.250	0.418	0.423	108 + 4	104	112	0.024	0.020	Same as 270-001 except 4150 Induction hardened
270-003	SR	185	187	215	224	0.307	0.250	0.418	0.423	108 + 4	104	112	0.024	0.020	Standard Firing Order - 4150 induction hardened
270-002	SR	185	187	215	219	0.346	0.281	0.471	0.475	110 + 4	106	114	0.022	0.014	Alternate Firing Order - 8620 carburized
270-008	SR	185	187	215	219	0.346	0.281	0.471	0.475	110 + 4	106	114	0.022	0.014	Same as 270-002 except 4150 Induction hardened
270-004	SR	186	190	215	223	0.300	0.250	0.408	0.423	106 + 2	104	108	0.026	0.030	Alternate Firing Order - VTG - 4150 induction hardened
270-005	SR	190	194	219	227	0.300	0.250	0.408	0.423	108 + 2	106	110	0.026	0.030	Alternate Firing Order - VTG - 4150 induction hardened