

Ultra Billet Cummins

Standard Features

- EN30B Timken-Steel or 4340 Material
- Full support robust pin arms
- Fully center counterweighted
- Straight shot oiling
- 14 bolt x 2 dowel pin flange

Ultra Billet Cummins

Stroke:	Main:	Pin:	Part #
4.882	3.2677	2.7171	S34001 - EN30B Material - Taper lock 7 bolt post with one dowel
4.882	3.2677	2.7171	S34003 - EN30B Material - Taper lock post with 6 bolts and 2 dowels
4.882	3.2677	2.7171	S34004 - 4340 Material



Compstar Cummins

Average weight = 124 lbs.

Standard Features

- 4340 Material
- Deep Case Nitride
- Strength adding .160 radius on all rod and main journals
- Straight shot priority main oil holes

Cummins

Stroke:	Main:	Pin:	Part #
4.882	3.2677	2.7171	S34000 - 10 Bolt Flange
4.882	3.2677	2.7171	S34002 - 8 Bolt Flange



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	1,130g.	CST6418MS0LCAX



Ultra Assassin: Power Stroke 6.0L 2003-2009

Length	Journal	Typ. Wt.	Part #
6.929	2.874	1,229g.	U13100

* 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.

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
280 - Ford Powerstroke		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	<i>Hydraulic Roller</i>
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 - Ford 6.7 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
281 - 6.7 Ford Powerstroke		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	<i>Hydraulic Roller</i>
281-001	HR	176	196	233	259	0.255	0.255	0.357	0.362	106 + 2	104	108	0.016	0.027	
281-002	HR	179	200	237	265	0.245	0.240	0.343	0.341	104 + 5	99	109	0.026	0.031	

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
270 - Duramax		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	
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

Callies Finish Ground Cam List - Cummins

Callies Part #	Solid or Hyd	Duration @ .050		Advertised Duration (@ .020)		Cam Lift		Valve Lift w/1.7 Rocker		LSA + Advance	Lobe Ctr.		Lift @ TDC		Specific Remarks
		Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust		Intake	Exhaust	Intake	Exhaust	
260 - Cummins Flat Tappet															
260-001	SR	190	200	220	230	0.320	0.320	0.544	0.544	108 + 5	103	113	0.031	0.023	
260-002	SR	210	210	240	240	0.320	0.320	0.544	0.544	115.5 + 2.5	113	118	0.031	0.023	
261 - Cummins Roller															
261-001	SR	210	210	238	238	0.380	0.380	0.646	0.646	115.5 + 2.5	113	118	0.031	0.022	



Bearings

King Diesel Bearings

Application		Part #
Cummins	Rod Bearings	CR1305XPC
Cummins	Main Bearings	MB7119XPC
Ford 7.3L	Rod Bearings	CR887XPC
Ford 7.3L	Main Bearings	MB5263XPC
Ford 6.0L	Rod Bearings	CR8038XPC
Ford 6.0L	Main Bearings	MB5736XPC
Ford 6.4L	Rod Bearings	CR8039XPC
Ford 6.4L	Main Bearings	MB5736XPC
Ford 6.7L	Rod Bearings	CR8056XPC
Ford 6.7L	Main Bearings	MB5836XPC
Ford 6.7L	Thrust Washer	TW3000AM

GM 6.6L	Rod Bearings	CR8059XPC	"Early Versions"
GM 6.6L	Main Bearings	MB5724XPC	"Early Versions"
GM 6.6L	Thrust Washer	TW312AM	"Early Versions"
GM 6.6L	Rod Bearings	CR8037XPC	"L5P Engine"
GM 6.6L	Main Bearings	MB5724XPC	"L5P Engine"
GM 6.6L	Thrust Washer	TW312AM	"L5P Engine"

Daido Diesel Bearings

Application		Part #	
Ford 6.7L	Main Bearings	MS2460K	
Ford 6.7L	Rod Bearings	RS9436K	
GM 6.6L	Main Bearings	MS8000K	"Early Versions"
GM 6.6L	Rod Bearings	RS4097K	"Early Versions"
GM 6.6L	Main Bearings	MS7070K	"L5P Engine"
GM 6.6L	Rod Bearings	RS8455K	"L5P Engine"

