

TRACTOR



Ultra Billet UB - Tractor

Average weight = 260 lbs.

Standard Features

- EN30B Timken Material
- Full Support Robust Pin Arms
- Single Bolt Post
- 4 Dowel Pin Gear Drive

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Navistar / International

Stroke:	Main:	Pin:	Part #	Notes
4.750	3.374	2.997	S30003	Short OD Counterweights - Will fit in OEM style block.
5.000	3.374	2.997	S30002	Full counterweights - must be used in billet block or pan rails modified.
5.350	3.374	2.997	S30000	Short OD Counterweights - Will fit in OEM style block.
5.350	3.374	2.997	S30004	Full counterweights - must be used in billet block or pan rails modified.
5.750	3.374	2.997	S30001	Full counterweights - must be used in billet block or pan rails modified.
5.750	3.374	2.997	S30007	Short OD Counterweights - Will fit in OEM style block.
6.000	3.374	2.997	S30005	Short OD Counterweights - Will fit in OEM style block.

Detroit Diesel - 40 Series

Stroke:	Main:	Pin:	Part #	Notes
5.350	3.535	2.997	S30006	Short OD Counterweights - Will fit in OEM style block.

John Deere - Small Block

Stroke:	Main:	Pin:	Part #
5.375	3.750	2.997	S32000
5.750	3.750	2.997	S32001
5.750	3.370	2.997	S32004
6.000	3.750	2.997	S32002
6.060	3.750	2.997	S32003



El Niño - Driver Rhett Parish
Navistar / International Crankshaft



Shelton Motorsports
Navistar / International Crankshaft

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