



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 | 1,130g. | CST6418MS0LCAX |



Ultra Assassin: Power Stroke 6.0L 2003-2009

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

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 | 103.000 | 113.000 | 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 | |

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 | | | | | | | | | | | | | | | <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 - 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 |