





Balance Flywheels?  Yes  No do not balance

Balance factor desired: \_\_\_\_\_ (specify)

If using C.O.M. and the flywheels are to be balanced, but not assembled please provide the following information:

Calculated bob weight: \_\_\_\_\_ (if known)

Connecting rod weights:

Front rod reciprocating \_\_\_\_\_ (grams)      Front rod rotating \_\_\_\_\_ (grams)

Rear rod reciprocating \_\_\_\_\_ (grams)      Rear rod rotating \_\_\_\_\_ (grams)

Crankpin (including cages, bearings and nuts) \_\_\_\_\_ (grams)

Pistons (including rings, wrist pins and locks) \_\_\_\_\_ (grams)

If using S&S pistons provide the part number \_\_\_\_\_

Bearing Fit:

.0011-Street clearance, .001"-.0012"

.0015-Race clearance, .0014"-.0016"

Knife edging? (Machining operation to reduce flywheel weight)

Yes

No

Timing paddles or marks:

Paddles and Marks

Timing marks only

Clearance for McClure style rods:

Yes

No

Mallory?

Call customer if required

Just do it. Customer approved if needed

Note-If Mallory metal is required for balancing flywheels there will be an additional charge for the time and materials required.



**Install Thrust Washers?:**

*Yes*  *No*

**Wrist pin Diameter:**

*.791*  *.792*  *.892*  *.927*  *.990*

**Do you want to purchase connecting rods?**  *Yes*  *No*  
*Please check off which connecting rod that you want to purchase or to have the flywheels machined for.*

**Connecting Rods:**

**S&S Rods for .791”diameter wrist pins:**

- 34-7004 Heavy Duty 1941-’81*
- 34-7206 Supreme 1941-’81*
- 34-7011 Heavy Duty 1981-’84*
- 34-7212 Supreme 1981-’84*

**S&S Rods for .792” diameter wrist pins:**

- 34-7013 Heavy Duty 1984-’99*
- 34-7214 Supreme 1984-’99*
- 34-7903 Supreme 1984-’99 Special Length 7.113”*

**S&S Rods for .892”diameter wrist pins:**

- 34-7203 Supreme 1941-’81 .892”dia wrist pin*
- 34-7211 Supreme 1984-’99 .892”dia. wrist pin*

**S&S Rods for .927”diameter wrist pins:**

- 34-7217 Supreme 1981-’99 .927” wrist pin*
- 34-7405 Heavy Duty 1999-up Twin Cam .927” wrist pin 7.668” length*



**S&S Billet Aluminum Connecting Rods:**

*All S&S aluminum rods are for 1.500" dia. crankpins only, and will not be compatible with certain stroke, and main shaft configurations (33-2005).*

- 34-7225 Alloy Billet 7.5"length .990" dia. wrist pin
- 34-7222 Alloy Billet 8"length .927"dia. wrist pin
- 34-7220 Alloy Billet 8"length .990"dia. wrist pin
- 34-7295 Alloy Billet 8.25"length.927" wrist pin
- 34-7229 Alloy Billet 8.25"length .990"wrist pin
- 34-7223 Alloy Billet 8.50"length .927"wrist pin
- 34-7221 Alloy Billet 8.50"length .990"wrist pin
- None

**Do you need bearings and cages? (only need to answer if not purchasing a connecting rod set)**

- 34-4020 1.250" Alloy cage set
- 34-4010 1.250" Steel cage set
- 34-4011 1.500" Bearings and cages, 1999-up Twin Cam
- 34-4014 1.500" Steel cage and bearing set Pro-Stock & Big Twin
- C.O.M. customer owned material
- No cages or bearings needed

**Do you want to purchase a sprocket shaft?**  Yes  No

*Please check off which shaft you want to purchase or to have the flywheels machined for.*

- 33-2002 '55-'64 Big Twin
- 33-2003 '65-69 Big Twin
- 33-2004 '70-up Big Twin
- 33-2005 '70-up Big Twin 1.500" diameter
- 33-2009 '70-up Big Twin / Press in
- 33-2010 Pro-Stock / Press in
- COM -I want to send in my S&S shaft for assembly

**Press Sprocket Shaft?:**

Yes  No



Do you want to purchase a pinion shaft?  Yes  No

*Please check off which shaft you want to purchase or to have the flywheels machined for.*

- 33-2024 '58-E'81 Big Twin
- 33-2027 L '81-up Big Twin
- 33-2040 S/A Big Twin +.250"
- 33-2047 S/A Big Twin +.250" Press in
- 33-2325 '86-up XL
- 33-2328 Delkron Late 4 Cam
- COM-I want to send in my S&S shaft for assembly

Press Pinion Shaft?:

Yes  No

Do you want to purchase a crankpin? (only need to answer if not purchasing a connecting rod set)

Yes  No

*Please check off which crankpin that you want to purchase or to have the flywheels machined for.*

- 34-2003 B/T 1.250" dia. '41-E'81 Tapered
- 34-2102 B/T 1.250" dia. '81-up Tapered
- 34-2180 B/T 1.500" dia. Tapered
- 34-2160 Press/Weld 1.250" dia.
- 34-2170 Press/Weld 1.500" dia.
- 34-2175 Pro-Stock 1.500" dia.
- COM I want to send in my S&S crankpin for assembly

Install weld in crankpin? (If flywheels are not being assembled)

Yes install  No do not install

Other machining: (Quoted on a case by case basis)

Yes (requires a print)  No

Comments:

---

---