

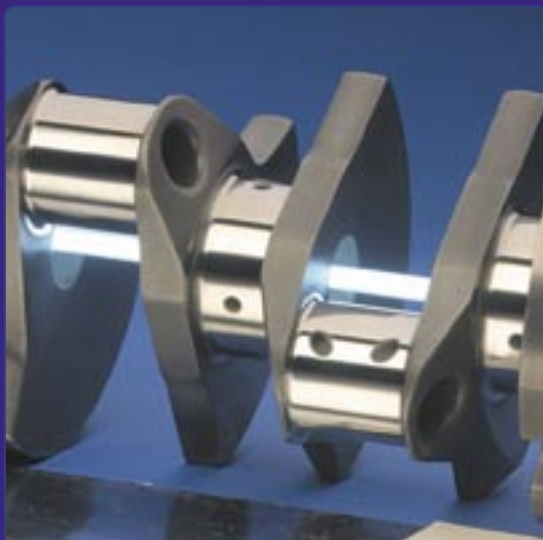


2005



**THE ULTIMATE IN HIGH PERFORMANCE
CRANKSHAFTS, CONNECTING RODS & ROTATING ASSEMBLIES**

www.scatcrankshafts.com



SCAT's highly engineered and innovative crankshafts offer many benefits that are shown in our Anatomy of a SCAT Crankshaft. SCAT's cranks are available in billet, forged or cast designs, and are available for small- and big-block Chevy, small- and big-block Ford, Ford FE, Ford Flathead, Pontiac, Chrysler and Sport Compact. In addition to these popular models, SCAT's custom billet line offers a broad range of models up to 40" in length and 10" diameter including Porsche, Ferrari and Buick. We offer cranks to suit your specific engine specs from standard weight to the Q-Light design. All SCAT cranks are made with quality at the forefront, starting with only the best materials. Our highly trained and skilled craftsmen use SCAT's innovation, creativity and dedication to produce the best parts possible.

**Aero-Wing Counterweights
for Reduced Windage to
Increase Horsepower**

**Ground &
Polished to
Exacting
Tolerances**

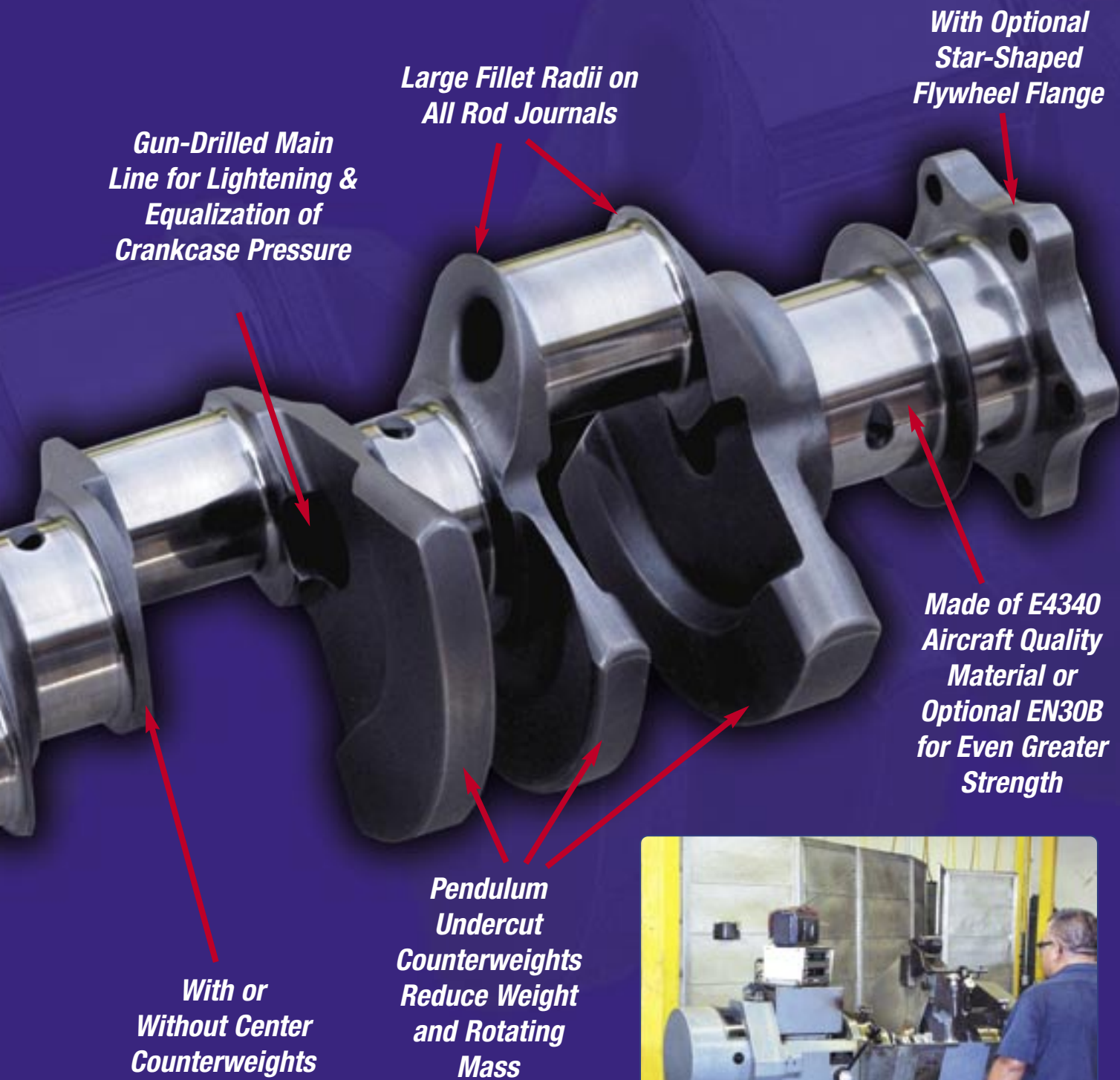
**Precision Machine
Ground, Heat-Treated
and Nitrided
"If It's Not
Nitrided It's Not
a Race Crank"**

**Lightening
Holes in All
Rod Journals**

**Straight-Shot
Oiling System**

**SCAT Q-Light Billet
Crankshaft** (shown)

ANATOMY OF A SCAT CRANKSHAFT



ANATOMY OF A SCAT ROD

OVER
100 PART
NUMBERS IN
BOTH I-BEAM
AND H-BEAM
DESIGNS

SCAT connecting rods feature the same high-quality craftsmanship that has led us to the forefront of the performance industry. All of our rods are made from a 2-piece chromoly steel forging to ensure maximum strength and durability. We offer a complete line of small- and big-block Chevy, small- and big-block Ford, Honda and many more in both the I-Beam and H-Beam designs. Precision finished at SCAT on the newest and most modern machinery available by SCAT's master machinists.

Most Rods
Come with
ARP Bolts

Doweled Cap
for Precision
Alignment
and Sized
to Tightest
Specifications

4340 Forged
H-Beam Rod
(shown)

Fully-Profiled for
Stroker Engines

Balanced to
 ± 1 Gram

Two-Piece
Forging for
Greater Strength

High-Tensile
4340 Forged
Material for
Durability



2-Piece Raw Forging



2005 TABLE OF CONTENTS



We are proud to introduce our new 2005 catalog and in doing so take a moment and first and foremost, thank you for your business. We have made great strides here at SCAT to continue to improve our quality, our fill rate, our customer service and all this while keeping our prices affordable and competitive for you.

In today's world economy, **our commitment to our customers**, is to work hard to provide the finest quality parts anywhere. We do this by spending an enormous amount of time and effort around the world to source the finest possible billet material, forgings and castings.

This combined with our own SCAT highly skilled and trained craftsmen and our state-of-the-art manufacturing facilities in Redondo Beach, California, USA ensures the finest crankshafts and connecting rods available anywhere.

We have continued to expand our manufacturing capability by adding capacity to our manufacturing facility with continued major capital expenditures. Our goal is to work hard to keep prices competitive

while continuing to provide the **BEST** parts to you, our valued customer.

We have made some dramatic changes to our forged line of cranks which allow us to offer more rod stroke combinations than ever. We have worked very hard on ensuring that the **QUALITY** of our forged cranks are **"UNSURPASSED"** in our industry, with **pricing that is the most competitive in our industry.**

We ENCOURAGE you to visit our facility. We want to show you why SCAT is and will continue to be "the leader" in this industry.

Finally, we sincerely value the partnership we have developed with you and look forward to expanding it and making it stronger. We again, thank you very much for your business and will continue to listen to your input as we strive to always improve our quality and our service to you.

ANATOMY OF A SCAT CRANKSHAFT	1
ANATOMY OF A SCAT CONNECTING ROD	3
TABLE OF CONTENTS	4
SCAT SHOP TOUR	5
2005 NEW PRODUCTS	6
CONNECTING RODS	7
CUSTOM FORGED CRANKSHAFTS - CHEVY, FORD & CHRYSLER	9
CUSTOM BILLET CRANKSHAFTS - CHEVY, FORD, CHRYSLER, BUICK & MORE	10
CHEVY/GM CRANKSHAFTS	11
FORD CRANKSHAFTS	16
HONDA CRANKSHAFTS, CONNECTING RODS AND ROTATING ASSEMBLY KITS	20
ROTATING ASSEMBLY KITS	21
ACCESSORIES (PISTONS, BEARINGS, RINGS, FLEXPLATES, DAMPERS, ETC.)	22



SCAT SHOP TOUR



This is one of two American GFM crankshaft milling machines. This is the machine that is the centerpiece for our crankshaft machining capability and is one of 30 CNC machining centers utilized at SCAT.



SCAT uses the latest computer technology to ensure that all cranks balance properly when installed.



SCAT has new crankshaft grinding machines that are a key ingredient to ensuring our crankshafts meet our tight tolerances. Here, our skilled craftsmen grind diameters to finish sizes – this is one of the most critical operations in the process. Precision grinding insures tight tolerances.



SCAT has 7 rod honing machines in our rod finishing department. We finish size our rods with our specialized diamond tooled machines and balance all our rods in house to the tightest tolerances in the industry.



The final step in manufacturing a crankshaft is the polishing and inspection operations. SCAT has 6 polishing machines and our latest addition is a multi-arm automated polisher that ensures quality polishing and that the finish on the crankshaft is RA8 or better.



2005 NEW PRODUCTS

SCAT Q-LITE FORGED 4340 CRANKSHAFT & H-BEAM CONNECTING ROD

- Lightest crank (40 lbs.) and rod (550 gms.) design available without sacrificing strength.



- Rods come standard with ARP 2000 cap screw bolts, special doweled cap for specific cap-to-rod alignment and profiled clearance for stroker applications.



- Crank features aero-wing double undercut counterweights, to make SCAT's Q-Lite the lightest crankshaft in it's class.

SCAT STOCK REPLACEMENT CHEVY 454 BIG BLOCK LATE MODEL CAST CRANK



- Precision ground and micropolished.
- Balanced and ready to install right "out of the box"
- Offered in a 6.135" rod length, with a 4.000" stroke.

SCAT SERIES 9000 CHEVY 454 BIG BLOCK PRO COMP CAST CRANKS



- Aero-wing counterweights.
- Straight shot oil holes.
- Lightening holes in rod throws.
- Stress-relieved and shot-peened.
- Precision ground and micropolished.
- Offered in 6.135" and 6.385" strokes with 4.250" rod length.

SCAT 4340 FORGED STANDARD I-BEAM STOCK REPLACEMENT CONNECTING RODS FOR CHEVY 454 BIG BLOCK



- Big block stock replacement I-Beam connecting rods with ARP 3/8" Wave-loc thru bolts (Part #3-10212764) and 7/16" Wave-loc thru bolts (Part #3-1098922).



CONNECTING RODS

SCAT has used its 45 years of innovation and creativity to develop a broad line of connecting rods that are superior in strength, quality and reliability. All of our connecting rods are made from our famous 2-piece forging for increased strength and are finished and balanced into complete sets at our state-of-the-art facility in Redondo Beach, California.

All of our connecting rods are:

- **Made from 4340 aircraft quality material.**
- **Fully profiled for stroker engines.**
- **Shipped with ARP bolts (SCAT bolts on some models).**
- **Precision sized to tightest specifications.**
- **Balanced to ± 1 gram at SCAT.**

NEW CONNECTING RODS FOR 2005

We have EXPANDED the SCAT Pro Comp 4340 Forged I-Beam connecting rods with ARP 7/16" cap screw bolts. These rods are offered in:

- **Small block - 5.700", 6.000", 6.125" and 6.200" rod lengths.**
- **Big block - 6.135", 6.385" and 6.700" rod lengths.**

Big block stock replacement I-Beam connecting rods with ARP 3/8" Wave-loc thru bolts (Part #3-10212764) and 7/16" Wave-loc thru bolts (Part #3-1098922).

Expanded our offering Sport compact H-Beam connecting rods to include new Honda applications and introducing Subaru and Mitsuibushi, we now offer:

- **Honda – in addition to 5.290", 5.394", 5.430" and 5.630", we now offer 5.464" and 5.485" rod lengths as well.**
- **Subaru – 5.138 rod length.**
- **Mitsubishi – 5.906 rod length.**



Now offer H-Beam connecting rods for the LS1.

SCAT also offers a complete line of Volkswagen connecting rods for both the air cooled and water cooled engines and in both I-Beam & H-Beam applications. Over 20 different combinations are available.



CONNECTING RODS

4340 FORGED STANDARD I-BEAM ROD with ARP 3/8" Thru-Bolts

This rod is perfect for the street/strip racer that wants a little extra insurance.



- Sized and balanced to ± 1 gram
- ARP WaveLoc rod bolts
- Press pin or bushed
- Lightweight I-Beam design for increased horsepower and quick RPMs

SCAT
Offers I-Beam
& H-Beam Rods
for Chevy, Ford,
Chrysler, Pontiac,
Honda and
More...

PREMIUM 4340 FORGED I-BEAM RODS with ARP 3/8" Cap Screws

Lightweight I-Beam design with even more strength to step up to more horsepower.



Optional
ARP 2000 bolts available
for increased reliability

- All of the great features above and more...
- 12-point ARP 8740 cap screw bolts
- Special doweled cap for perfect cap-to-rod alignment resulting in increased strength and longer life
- Press pin or bushed
- Lightweight I-Beam design for increased power and quick RPMs
- Extra clearance for stroker applications

PREMIUM 4340 FORGED I-BEAM RODS with 7/16" Cap Screws

The ultimate I-Beam rod that incorporates the strength and technology of the H-Beam rod.



Optional
ARP 2000 bolts available
for increased reliability

- Incorporates all of the best features possible for an I-Beam rod including some strength adders found in H-Beam designs
- One rib cap design for added strength and bearing support
- Polished beams to eliminate stress risers
- Special hollow dowels and huge 7/16" cap screw bolts greatly increase strength and horsepower capabilities
- Profiled clearance for stroker applications

4340 FORGED H-BEAM RODS with ARP 7/16" Cap Screws

The "Bad Boy" of all SCAT Rods available for serious horsepower engines.



Optional
ARP 2000 bolts available
for increased reliability

- H-Beam design is the strongest SCAT rod available
- Perfect for supercharged and nitrous applications
- Special doweled cap for specific cap-to-rod alignment
- Profiled clearance for stroker applications

4340 FORGED H-BEAM RODS, Premium Q-Lite with ARP 2000 3/8" Cap Screws



NEW

- Lightest (550 gms.) H-beam design available without sacrificing strength.
- Standard with ARP 2000 3/8" cap screw bolts.
- Special doweled cap and profiled clearance for stroker applications.



CUSTOM FORGED CRANKSHAFTS – SERIES 7000

Introduced in 2004 and improved for 2005, our SCAT Series 7000 custom 4340 forged crankshafts has become a most popular product line. We can make a custom forged crank which meets your specific needs and which is an affordable alternative to our custom billets. Our 7000 series crankshafts are designed after our custom billet lines and offer the same quality and craftsmanship that you have come to expect from SCAT.



Available
in Small- and
Big-Block Chevy,
Small-Block Ford,
Small- and Big-Block
Chrysler and
Honda

*Big Block Chrysler
(shown)*

SCAT can make a crank to match any combination to meet your specific engine and power requirements.

*SCAT's Series 7000 line-up includes Small-block Chevy, Big-block Chevy, 302 Small-block Ford, 351 Small-block Ford and a new **addition to our Series 7000 line-up are custom forged cranks for Chrysler small block and Chrysler big block (show above).** Sizes range from 3.400" – 4.100" for a small block and from 3.650" – 4.750" for a big block.*

Some of the features that make our cranks second to no one are:

- Available in any stroke, pin size, main size and counterweight style.
- Aero-wing design counterweights for reduced windage on Pro Comp and Superlight style.
- Nitride hardended for superior wear resistance.
- Pendulum undercut counterweights on Superlight models.
- Lightening holes in all rod throws.
- .125" fillet radius on all rod & main journals.
- Made in Pro Comp Lightweight, Superlight and **NOW** in the **Q-Light** style, which is the lightest forged crankshaft available from SCAT and which has double undercut counterweights for maximum weight reduction.

**OFFERED
EXCLUSIVELY
BY SCAT
HAVE IT YOUR WAY**



CUSTOM BILLET CRANKSHAFTS

We are most proud of our custom billet crankshafts, which are 100% made by SCAT's dedicated and well trained craftsmen. We can make virtually any combination, whether it be 4, 6, 8, 10 or 12 cylinder. We have been making custom billets for over 45 years and our billets are second to none in the industry.

V8 CUSTOM BILLETS

- Available for many different models, in any stroke or rod combination, in a variety of counterweight shapes, styles and nitride hardened
- Some of SCAT's custom offerings include:
 - Chevy S/B and B/B, 350, 400, 454 and LS1
 - Ford S/B and B/B, 302, 351, 429, 460, 4.6L and 5.4L
 - Chrysler S/B and B/B
 - Top Fuel



**OFFERED
EXCLUSIVELY
BY SCAT
HAVE IT YOUR WAY**

INLINE 4-CYLINDER CUSTOM BILLET

- Available for all domestics & imports
- Any stroke or rod combination
- A variety of counterweight shapes and styles
- Nitride hardened for superior wear resistance



V6 CUSTOM BILLETS

- Available for all domestics & imports
- Superlight counterweights available
- Nitride hardened for superior wear resistance
- Even- or odd-fire configuration



IMPORT, EXOTIC & INDUSTRIAL CUSTOM BILLETS

- SCAT can manufacture cranks for any application up to 40" length and 10" diameter
- V4, V6, V8, V10, V12, specialized race, prototype and industrial engines
- Available in a variety of materials and styles





CHEVY/GM CAST

SERIES 9000 CAST

PRO STOCK REPLACEMENT

Designed to replace stock crankshafts that have seen better days. For stock to mildly-built street engines.

- **One- or two-piece rear main seal**
- **Precision ground and micropolished**
- **No more hassles with poor quality crankshaft cores**
- **Simplify your bearing stocks to all standard/standard size**
- **Balanced and ready to install right-out-of-the-box**



350 S/B Chevy
400 S/B Chevy



454 B/B Chevy

SERIES 9000 CAST

PRO COMP STROKER LIGHTWEIGHT

A perfect way to increase cubic inches on mild to moderate street or race engines

- **Aero-wing counterweights increase horsepower by reducing windage**
- **Straight shot oil holes**
- **Lightening holes in all rod throws**
- **Stress-relieved and shot-peened**
- **Precision ground and micropolished**
- **Available with many different rod, main and stroke combinations**
- **Exclusive space-age 9000 material that is stronger than O.E.M. cast**
- **Designed after our custom billets**



350 S/B Chevy
400 S/B Chevy



454 B/B Chevy



4130 FORGED STANDARD WEIGHT

- **Straight shot oil holes**
- **Nitride hardened for superior wear resistance**
- **Lightening holes in all rod throws**
- **Precision ground and micropolished in the U.S.A.**
- **4130 forged material**



CHEVY/GM FORGED



350 S/B Chevy
3.480" Stroke Available



454 B/B Chevy
4.250" Stroke Available

4340 FORGED STANDARD WEIGHT

This is our standard weight forged crankshaft. Designed for street or race engines with substantial increased horsepower.

- **Straight shot oil holes**
- **Nitride hardened for superior wear resistance**
- **Lightening holes in all rod throws**
- **.125" radius on all journals**
- **Precision ground, heat treated, shot peened, inspected and micropolished in the U.S.A.**
- **4340 forged material for superior strength**



CHEVY/GM FORGED



350 S/B Chevy
400 S/B Chevy



454 B/B Chevy



CHEVY/GM FORGED

4340 FORGED LIGHTWEIGHT PRO COMP

This crank is made from the same strong aircraft quality forging as the standard 4340 forged but with profiled counterweights for less weight. It's perfect for engine wanting quicker RPMs.

- **Aero-wing counterweights increase horsepower by reducing windage**
- **Straight shot and chamfered oil holes**
- **Nitride hardened for superior wear resistance**
- **Lightening holes in all rod throws**
- **.125" radius on all journals**
- **Stress relieved and shot peened**
- **CNC machined for absolute tolerances and symmetry for ease of balance**



350 S/B Chevy
400 S/B Chevy



454 B/B Chevy



4340 FORGED SUPERLIGHT

- **Aero-wing counterweights increase horsepower by reducing windage**
- **Straight shot and chamfered oil holes**
- **Nitride hardened for superior wear resistance**
- **Lightening holes in all rod throws**
- **.125" radius on all journals**
- **Stress relieved and shot peened**
- **CNC machined for absolute tolerances and symmetry for ease of balance**
- **Pendulum-cut counterweights for reduced rotating weight**



350 S/B Chevy
400 S/B Chevy



454 B/B Chevy

CHEVY/GM BILLET

LIGHTWEIGHT PRO COMP BILLET

- Aero-wing counterweights increase horsepower by reducing windage
- Straight shot and chamfered oil holes
- Nitride hardened for superior wear resistance
- Lightening holes in all rod throws
- .140" radius on all journals
- CNC machined for absolute tolerances and symmetry for ease of balance
- Any rod, main or stroke combination
- Center counterweights available
- Optional EN30B material



350 S/B Chevy
400 S/B Chevy
LS-1 Chevy

454 B/B Chevy

Big-Block Also Available

HAVE IT YOUR WAY

SUPERLIGHT BILLET

- Aero-wing counterweights increase horsepower by reducing windage
- Straight shot and chamfered oil holes
- Nitride hardened for superior wear resistance
- Lightening holes in all rod throws
- .140" radius on all journals
- CNC machined for absolute tolerances and symmetry for ease of balance
- Any rod, main or stroke combination
- Optional EN30B material
- Pendulum-cut counterweights



350 S/B Chevy
400 S/B Chevy
LS-1 Chevy

454 B/B Chevy

Big-Block Also Available



CHEVY/GM BILLET

FEATHERLIGHT BILLET

Even more weight reduction to help engines reach high RPMs quickly.

- **Aero-wing counterweights increase horsepower by reducing windage**
- **Nitride hardened for superior wear resistance**
- **.140" radius on all journals**
- **CNC machined for absolute tolerances**
- **Any rod, main or stroke combination**
- **Pendulum-cut counterweights**
- **Gun-drilled main line significantly reduces overall weight and balances internal crankcase pressure**

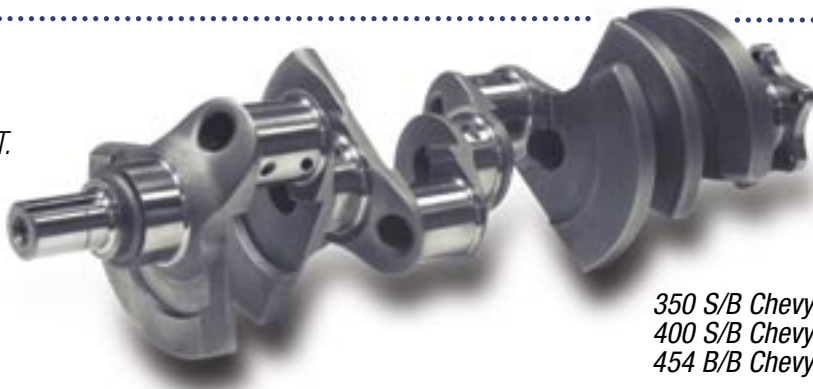


350 S/B Chevy
400 S/B Chevy
LS-1 Chevy
454 B/B Chevy

Q-LIGHT BILLET

The lightest billet crankshaft available from SCAT. This is the ultimate crank for those wanting that extra edge for their high-horsepower motor.

- **Nitride hardened for superior wear resistance**
- **Any rod, main or stroke combination**
- **Gun-drilled main line**
- **Mil spec 4340 or EN30B material**
- **Double undercut counterweights for extreme weight reduction**



350 S/B Chevy
400 S/B Chevy
454 B/B Chevy



CENTER COUNTERWEIGHT BILLET

Perfect for constant high RPM use or for large-displacement monster motors. Center Counterweight are available in all billet styles

- **Any rod, main or stroke combination**
- **Optional gun-drilled main line**
- **Optional EN30B material**
- **Aids balancing by equalizing distribution weight**
- **Prevents crankshaft flexing at high RPMs and power loads**
- **Extra strength for high-load applications**



LS-1 Chevy
350 S/B Chevy
400 S/B Chevy
454 B/B Chevy



FORD CAST

SERIES 9000 CAST PRO STOCK REPLACEMENT

Designed to replace stock crankshafts that have seen better days. For stock to mildly-built street engines.

- **Precision ground and micropolished**
- **No more hassles with poor quality crankshaft cores**
- **Simplify your bearing stocks to all standard/standard size**
- **Balanced and ready to install right-out-of-the-box**



351C S/B Ford
351W S/B Ford
302 S/B Ford



429, 460 B/B Ford
FE B/B Ford

SERIES 9000 CAST PRO COMP STROKER LIGHTWEIGHT

A perfect way to increase cubic inches on mild to moderate street or race engines

- **Aero-wing counterweights increase horsepower by reducing windage**
- **Straight shot oil holes**
- **Lightening holes in all rod throws**
- **Stress-relieved and shot-peened**
- **Precision ground and micropolished**
- **Available with many different rod, main and stroke combinations**
- **Exclusive space-age 9000 material that is stronger than O.E.M. cast**
- **Designed after our custom billets**



302 S/B Ford
351C S/B Ford
351W S/B Ford



429, 460 B/B Ford
FE B/B Ford



Flathead Ford



FORD FORGED

4340 FORGED STANDARD WEIGHT

This is our standard weight forged crankshaft. Designed for street or race engines with substantial increased horsepower.

- **Straight shot and chamfered oil holes**
- **Nitride hardened for superior wear resistance**
- **Lightening holes in all rod throws**
- **.125" radius on all journals**
- **Precision ground, heat treated, shot peened, inspected and micropolished in the U.S.A.**
- **4340 forged material for superior strength**



302 S/B Ford



351W S/B Ford
351C S/B Ford

4340 FORGED LIGHTWEIGHT PRO COMP

This crank is made from the same strong aircraft quality forging as the standard 4340 forged but with profiled counterweights for less weight. It's perfect for engine wanting quicker RPMs.

- **Aero-wing counterweights increase horsepower by reducing windage**
- **Straight shot and chamfered oil holes**
- **Nitride hardened for superior wear resistance**
- **Lightening holes in all rod throws**
- **.125" radius on all journals**
- **Stress relieved and shot peened**
- **CNC machined for absolute tolerances and symmetry for ease of balance**



302 S/B Ford



351C S/B Ford
351W S/B Ford

FORD FORGED/BILLET

4340 FORGED SUPERLIGHT

- Aero-wing counterweights increase horsepower by reducing windage
- Straight shot and chamfered oil holes
- Nitride hardened for superior wear resistance
- Lightening holes in all rod throws
- .125" radius on all journals
- Stress relieved and shot peened
- CNC machined for absolute tolerances and symmetry for ease of balance
- Pendulum-cut counterweights for reduced reciprocating weight



302 S/B Ford



351C S/B Ford
351W S/B Ford

LIGHTWEIGHT PRO COMP BILLET

- Aero-wing counterweights increase horsepower by reducing windage
- Straight shot and chamfered oil holes
- Nitride hardened for superior wear resistance
- Lightening holes in all rod throws
- .140" radius on all journals
- CNC machined for absolute tolerances and symmetry for ease of balance
- Any rod, main or stroke combination
- Center counterweights available
- Optional EN30B material



351C S/B Ford w/gun drilled mains
351W S/B Ford w/gun drilled mains
302 & 4.6L S/B Ford



429, 460 B/B Ford
427 FE B/B Ford

SUPERLIGHT BILLET

- Aero-wing counterweights
- Straight shot and chamfered oil holes
- Nitride hardened for superior wear resistance
- CNC machined for absolute tolerances and symmetry for ease of balance
- Any rod, main or stroke combination
- Optional EN30B material
- Pendulum-cut counterweights



351 S/B Ford
302 S/B Ford
427 FE B/B Ford
429, 460 B/B Ford



FORD BILLET

FEATHERLIGHT BILLET



Even more weight reduction to help engines reach high RPMs quickly.

- **Aero-wing counterweights increase horsepower by reducing windage**
- **Nitride hardened for superior wear resistance**
- **CNC machined for absolute tolerances**
- **Any rod, main or stroke combination**
- **Pendulum-cut counterweights**
- **Gun-drilled main line significantly reduces overall weight and balances internal crankcase pressure**



351C S/B Ford
351W S/B Ford
FE B/B Ford
429, 460 B/B Ford
302 S/B Ford

Q-LIGHT BILLET

The lightest billet crankshaft available from SCAT. This is the ultimate crank for those wanting that extra edge for their high-horsepower motor.

- **Nitride hardened for superior wear resistance**
- **Any rod, main or stroke combination**
- **Gun-drilled main line**
- **Mil spec 4340 or EN30B material**
- **Double undercut counterweights for extreme weight reduction**



351C S/B Ford
351W S/B Ford
FE B/B Ford
429, 460 B/B Ford
302 S/B Ford



CENTER COUNTERWEIGHT BILLET

Perfect for constant high RPM use or for large-displacement monster motors.

- **Any rod, main or stroke combination**
- **Gun-drilled main line**
- **Optional EN30B material**
- **Aids balancing by equalizing distribution weight**
- **Prevents crankshaft flexing at high RPMs and power loads**
- **Extra strength for high-load applications**



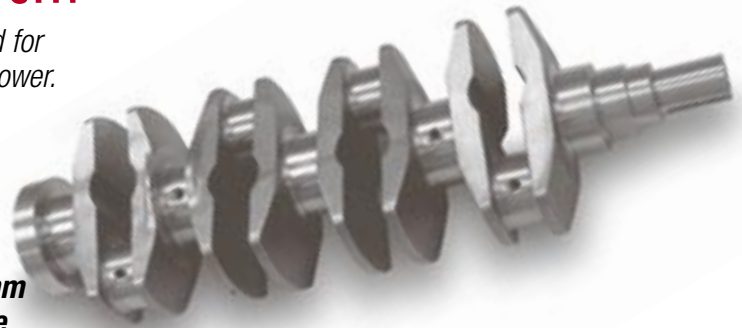
351C S/B Ford
351W S/B Ford
302 S/B Ford
FE B/B Ford
429, 460 B/B Ford

HONDA

4340 FORGED STANDARD WEIGHT

This is our standard weight forged crankshaft. Designed for street or race engines with substantial increased horsepower.

- **Straight shot and chamfered oil holes.**
- **Nitride hardened for superior wear resistance.**
- **Precision ground, heat treated, shot peened, inspected and micropolished in the U.S.A.**
- **Standard strokes are 89mm, 92mm, 95mm, 97mm and 98mm strokes - other strokes also available.**
- **4340 forged material for superior strength.**



4340 FORGED LIGHTWEIGHT PRO COMP

This crank is made from the same strong aircraft quality forging as the standard 4340 forged crank, but with profiled counterweights for less weight. It's perfect for engines wanting quicker RPM's.

- **Aero-wing counterweights increase horsepower by reducing windage.**
- **Straight shot and chamfered oil holes.**
- **Nitride hardened for superior wear resistance.**
- **Stress relieved and shot peened.**
- **Standard strokes are 89mm, 92mm, 95mm, 97mm and 98mm strokes - other strokes also available.**
- **CNC machined for absolute tolerances and symmetry for ease of balance.**



4340 FORGED H-BEAM CONNECTING RODS

SCAT'S H-Beam rods for Honda are made from high quality 4340 forged aircraft steel and combined with our doweled cap design, offer stability and reliability during extreme conditions and high RPM's. We offer many combinations and are adding more every day. All of SCAT's H-Beam Honda connecting rods come with ARP 2000 3/8" Cap Screws.



ROTATING ASSEMBLIES

SCAT is proud to introduce rotating assemblies for Honda. Available are combinations with crankshafts to 98mm, H-beam connecting rods in rod lengths from 5.290" to 5.560", with pistons from SRP/JE, Probe, Ross, Keith Black and Mahle.





ROTATING ASSEMBLIES

SCAT has a complete line of Rotating Assemblies that can suit every need. We offer all of our wide variety of crankshaft and rod designs for most all makes including small- and big-block Chevy, small- and big-block Ford, Ford FE, Ford Flathead, Chrysler and Sport Compact – just tell us what you need and we will put a package together for you.

STREET/STRIP ROTATING ASSEMBLIES

PRO COMP CAST CRANKSHAFT

- SCAT 4340 forged I-Beam rods with 3/8" cap screw bolts
- Forged pistons
- Many rod and stroke combinations available
- Available for small- and big-block applications
- Complete balancing available



Hundreds of Applications Available. Refer to Application Sourcebook



RACE-READY ROTATING ASSEMBLIES

4340 FORGED CRANKSHAFT

- SCAT 4340 forged H-Beam connecting rods
- Premium JE/SRP forged pistons
- Many rod and stroke combinations available
- Available for small- and big-block applications
- Complete balancing available

ACCESSORIES

PISTONS

SCAT offers a complete line of racing pistons from a wide range of manufacturers such as SRP/JE, Ross, Mahle and Keith Black. SCAT offers pistons for today's most popular engine combinations from the street enthusiast to the Sportsman racer.



RINGS

To supplement SCAT's exhaustive line-up of cranks, rods and pistons, we offer the complete line of Total Seal and JE rings. These are top-of-the-line rings with the flattest, tightest tolerances available anywhere. Available in all styles including gapless and low-tension oil ring. Our Tech Staff will help you choose the right rings for your specific application.



BEARINGS

SCAT also offers the complete line of Clevite and Federal Mogul bearings. These bearings are the most respected names in the business. We choose them to compliment our premium crankshafts and rotating assemblies.



SFI-APPROVED FLEXPLATES

These flexplates are a great upgrade to your stock design. They feature extra-thick steel that's double welded to the ring gear for added strength and they are gold anodized for corrosion resistance. Available in either SFI-approved or standard, these flexplates will withstand the extreme power and RPMs of today's engines.

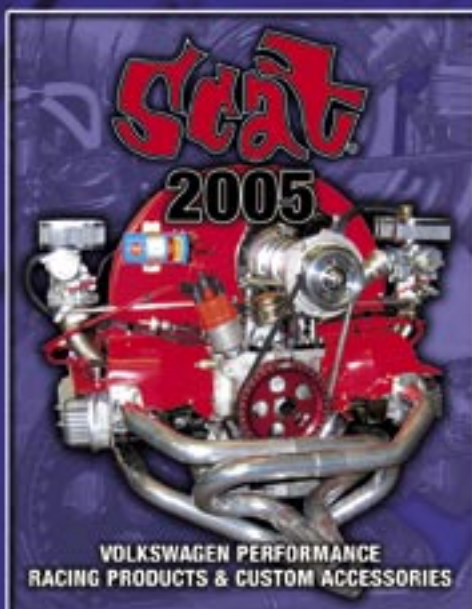


POWERFORCE STREET & SFI-APPROVED HIGH-PERFORMANCE DAMPERS

These dampers are a must for engines that want to reach higher than stock RPMs. They are designed work with street or strip applications and feature all of these added benefits:

- Elastomer/Bonded to prevent outer ring slippage
- Removable counterweights
- Precision machined to tighter than stock tolerances
- Black gloss finish with white timing marks for perfect accuracy





Scat Enterprises, Inc.

1400 Kingsdale Ave. • Redondo Beach, CA 90278

Phone: 310.370.5501 • Fax: 310.214.2285

www.scatcrankshafts.com