

Titanium Connecting Rods

TITANIUM RODS

Crower uses only aerospace quality, titanium in the manufacturing of our billet Crowerods. Titanium has a lower thermal expansion rate than steel and much less than aluminum, which allows the racer to hold closer tolerances within the engine. Crower offers a wide variety of applications. Everything from a 4 cycle motorcycle to a 8" long big block Chevrolet for Pro Modified. All Crower titanium connecting rods are equipped with cap screw bolts and stroker designed to insure plenty of camshaft and case clearance, also reducing weight in noncritical areas.

Special "pressure fed" oiling hole from big end to pin end is available on all titanium and premium steel billet Crowerods. Specify this option when ordering.

All titanium rods come standard with aluminum/bronze bushings.

Crower uses only titanium, with a composition of 6% aluminum and 4% vanadium.

Crower is a complete production facility. Every step of manufacture is performed under rigid quality control standards

Custom rods available in most center to center pin end size and big end I.D.

Special plasma sprayed sides prevents galling that occurs when titanium rubs with steel.

Hollow dowel alignment fastening system provides positive cap alignment and "no hassle" removal.



Extremely reliable H-11 tool steel bolts, rated at 220,000 p.s.i. or aircraft quality, AMS5844 alloy bolts that are corrosion resistant and rated at 285,000 p.s.i. Both feature 12-point heads.

AMS5844 ROD BOLT UPGRADE

Crower now offers a new AMS5844 rod bolt upgrade option available for all steel billet and titanium rods. Highly recommended for extreme duty rpm and endurance applications. Rated at 280,000 p.s.i., these bolts are corrosion resistant, nonmagnetic and deliver ultimate clamping capabilities for the highest cycle life. Be sure and specify upgrade option when ordering.



Titanium Connecting Rods



Chevrolet

Part No.	Description	Length	B.E. Bore	Pin Dia.
ST93000B-8	262-400 V8	5.700"	2.125"	.927"
ST93003B-8	262-400 V8	5.850"	2.125"	.927"
ST93002B-8	262-400 V8	6.000"	2.125"	.927"
ST93900B-8	262-400 V8	Custom	2.125"	.927"
ST93005B-8	262-400 V8	5.700"	2.225"	.927"
ST93008B-8	262-400 V8	5.850"	2.225"	.927"
ST93006B-8	262-400 V8	6.000"	2.225"	.927"
ST93009B-8	262-400 V8	6.125"	2.225"	.927"
ST93007B-8	262-400 V8	6.250"	2.225"	.927"
ST93905B-8	262-400 V8	Custom	2.225"	.927"
ST93010B-8	396-454 V8	6.136"	2.325"	.990"
ST93011B-8	396-454 V8	6.386"	2.325"	.990"
ST93014B-8	396-454 V8	6.405"	2.325"	.990"
ST93012B-8	396-454 V8	6.536"	2.325"	.990"
ST93015B-8	396-454 V8	6.625"	2.325"	.990"
ST93016B-8	396-454 V8	6.700"	2.325"	.990"
ST93017B-8	396-454 V8	6.800"	2.325"	.990"
ST93909B-8	396-454 V8	Custom	(7.250" & over)	.990"
ST93911B-8	396-454 V8	Custom	(under 7.250")	.990"
ST93906B-6	Chevy 6 cyl	Custom	Specify	Specify

All Crower small & big block titanium rods are stroker designed.

Crower Titanium lube #90897 is supplied with all sets of titanium rods.

Approximate Chevrolet V8 Weights

Small Block: 5.700" @ 480g • 6.000" @ 495g • 6.250" @ 548g

Big Block: 6.136" @ 540g • 6.536" @ 625g • 7.650" @ 724g

Crower has the capability of manufacturing just about any type of titanium connecting rod.



Proper bolt torque: Torque rod bolts to 10 ft lbs on both sides, then torque to proper spec with one pull.

Ford/Buick

Part No.	Description	Length	B.E. Bore	Pin Dia.
T93974B-4	Ford 2.0L / 2.3L 4 cyl	Custom	Specify	Specify
T93907B-6	Buick 6 cyl	Custom	Specify	Specify
T93908B-8	Buick V8	Custom	Specify	Specify

Mopar

Part No.	Description	Length	B.E. Bore	Pin Dia.
T93934B-8	426 Hemi V8	Custom	Specify	Specify

Import Applications

Part No.	Description	Length	B.E. Bore	Pin Dia.
T93970B-4	4 cyl	Custom	Specify	Specify
T93971B-6	6 cyl	Custom	Specify	Specify
T93972B-8	8 cyl	Custom	Specify	Specify
T93973B-12	12 cyl	Custom	Specify	Specify

Mortorcycle (4 Cycle)

Part No.	Description	Length	B.E. Bore	Pin Dia.
T93088B-4	Suzuki GSX	4.606"	1.614"	.787"
T93089B-4	Suzuki Hayabusa	4.702"	1.614"	.787"
T93975B-2	2 cylinder	Custom	Specify	Specify
T93976B-4	4 cylinder	Custom	Specify	Specify

Custom Applications

Part No.	Description	Length	B.E. Bore	Pin Dia.
T93912B-4	Custom 4 cyl	Custom	Specify	Specify
T93913B-6	Custom 6 cyl	Custom	Specify	Specify
T93914B-8	Custom 8 cyl	Custom	Specify	Specify

Crower Moly lube #90897 is supplied with all titanium rods.

For rod bushing specs. see pg. 197

Note: All non standard orders require a minimum 50% deposit.