



20778



**JIMS Crank Pins**

These crank pins feature a 16 micron finish or better on the flywheel shafts and all diameters ground are concentric to at least .0003". The crank pin kits include a precision American-made 2- or 3-hole crank pin, two crank pin nuts and a woodruff key.

**2-Hole Crank Pin Kits**

**20778** Fits Big Twins from 41-E81 (has late 1"-20 threads) repl. OEM 23961-41

**20779** Fits Big Twins from late 81-99 (repl. OEM 23961-80A)

Note: Pre-1956 motors should be checked for nut-to-crankcase clearance when installing CC #20778.

**3-Hole Crank Pin Kits**

**20777** Fits Big Twins from 41-E81 (repl. OEM 23961-41)

**20780** Fits Big Twins from late 81-99 (repl. OEM 23961-80A)

**3-Hole Crank Pins ONLY**

**20041** Fits 41-E81 Big Twin models (repl. OEM 23961-41) 3-hole crankpin

**20422** Fits Evolution Big Twins from late 81-99 (repl. OEM 23961-80A)

**22332** Oversize +.001" for Big Twins from late 81-99 (3-hole crankpin)

**22333** Oversize +.002" for Big Twins from late 81-99 (3-hole crankpin)

**20042** Fits Sportster and K models from 54-E81 (repl. OEM 23960-54) 3-hole crankpin

**20420** Fits Sportster models from late 81-03 (repl. OEM 23960-80A)

**Crank Pin Keys (packs of 10)**

**20924** Fits Sportster and Big Twin models from 36-E81 (repl. OEM 23985-18) pack of 10

**20926** Fits Big Twins from late 81-99 (except Twin Cam 88 models) and Sportster models from late 81-03 (repl. OEM 11218) pack of 10



668128



668129

**Vulcan Engineering Sprocket Shaft Spacer**

Heat treated & ground 4141 tool steel. Made in the USA.

**668128** 01-02 Twin Cam

**668129** 03-06 Twin Cam Except 06 Dyna



20782



**JIMS Pinion Shaft Kits**

American-made replacements for the Original Equipment pieces. Each kit includes the shaft, nuts, keys, washers, and retaining rings.

**20782** Fits Big Twin models from 73-E81 (repl. OEM 24006-73)

**20783** Fits Big Twin models from late 81-E86 (repl. OEMs 24006-80, 24006-83). Also for aftermarket flywheels with common-taper design

**22335** Fits Big Twin models from 87-89 (end oiling)

Note: For 90-92 models choose either 81-89 or 93-99 shaft, and match oil pump gear, pinion gear, spacer and nut designs to the shaft.

**Pinion Shaft Keys (packs of 10)**

**20925** Fits Big Twin models from 54-89 (repl. OEM 23985-54)

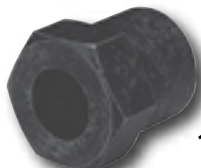
**20926** Fits Big Twins from late 81-99 (except Twin Cam 88 models) and Sportster models from late 81-03 (repl. OEM 11218) pack of 10

**Pinion Gear Spacer (pack of 5)**

**20932** Fits Big Twins from 54-89 (repl. OEM 24703-54B)

**Oil Pump Gear (sold each)**

**20934** Fits Big Twins from 84-90 (repl. OEM 26349-84)



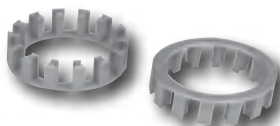
12113

**Replacement Engine Nuts**

Fit many Big Twin and Sportster models from 30-90. Sold each.

**12113** Fits Sportster models from 70-85 (repl. OEM 40387-70)

**20055** Fits Big Twins from 55-90 (without compensating sprocket) repl. OEM 24003-55



**Bearing Retainer Cage**

Right crankcase bearing retainer and cage for all Big Twin motors 58-86. Does not include sized needle bearings. Sold in pairs.

**18669** Replaces OEM 43578-35



**Jims Connecting Rod Bearing Sets for Single-Cam Big Twins**

These American made Torrington rod bearing sets consists of three packaged bearings with 16 rollers in steel cages. They will retro fit back to 1941. They are available in a standard size only.

**696586** Conrod bearing set



20273

20272

20271

20284

**Crankshaft Nuts**

American-made replacements for the Original Equipment pieces. Face-ground to a 32 surface finish that is square to the threads within .0005". Sold each.

**Pinion Gear Shaft Nuts**

Fits Big Twins from late 81-89 (3/4"-20 threads).

**20271** Replaces OEM 24016-80

Fits Big Twin models from 54-89 (5/8"-24 left hand threads).

**20645** Pinion shaft nut, left hand thread. (repl. OEM 24023-54) Sold each.

**Crank Pin Nut**

Fits Evolution Big Twin models from late 83-99 (1"-20 threads).

**20284** Replaces OEM 23969-83 (set of 2)

**Sprocket Shaft Nut**

Fits Big Twins from 72-E85 (1 1/8"-16 threads).

**20272** Replaces OEM 24017-80

**Pinion and Sprocket Shaft Nut**

Fits Big Twins from 30-E81 (3/4"-18 threads).

**20273** Replaces OEM 24023-36