

## Pistons



### Forged Pistons Ford 6 Cylinder 4.0L DOHC Engine

Atomic have tried and tested **to destruction** virtually every piston on the market for the DOHC Ford 6 cylinder and now have available what we consider to be the pinnacle of engineering excellence in turbo piston design and manufacture.

Following almost a year of development and design, Cosworth Engineering of Northampton UK have produced the most technically advanced piston ever made for the venerable Ford DOHC 6 cyl.

They have produced for us a completely new forged piston which has some very unique features derived from the current Cosworth Formula One™ engine - the CA2010. Featuring a fully strutted "box skirt" design with crown support to withstand high boost levels, Cosworth Engineers also focussed on the thermal characteristics of the forging design so as to maximise the heat transfer path from the piston crown, through the rings and into the cylinder walls, a major factor in the reliability of turbocharged engines.



Produced in the UK with a bespoke forging die made specifically for our requirements, Cosworth F1 Series pistons are manufactured from the same proprietary aluminium alloy as used in the CA2010. And they come with lots of other Formula One™ bells and whistles too, such as heavy duty gudgeon pins, anti detonation bands, pressurised pin boss oil feeds, high leverage skirts complete with Xylan coating and fully polished crowns.

Cosworth's legendary reputation for high performance components is second to none and will be the sole piston supplier to Atomic from 2010.

Supplied in sets of 6 complete with **nitro-carburised** turbo rings, heavy duty gudgeon pins and locks, Cosworth F1 pistons will be available in both flat top and dish top (15cc) and are available to suit the following finished bore sizes - 92.6mm, 92.75mm and 93.25mm.



**#306305 - Cosworth F1 Series Dish Top pistons suit DOHC Ford 6 cyl**  
Includes rings, H/D pins and locks. Suit 92.60mm finished bore size. (+.35mm)

**#306306 - Cosworth F1 Series Dish Top pistons suit Ford DOHC 6 cyl**  
Includes rings, H/D pins and locks. Suit 92.75mm finished bore size. (+.5mm)

**#306307 - Cosworth F1 Series Dish Top pistons suit Ford DOHC 6 cyl**  
Includes rings, H/D pins and locks. Suit 93.25mm finished bore size. (+1.00mm)

**#306308 - Cosworth F1 Series Flat Top pistons suit Ford DOHC 6 cyl**  
Includes rings, H/D pins and locks. Suit 92.75mm finished bore size. (+.5mm)