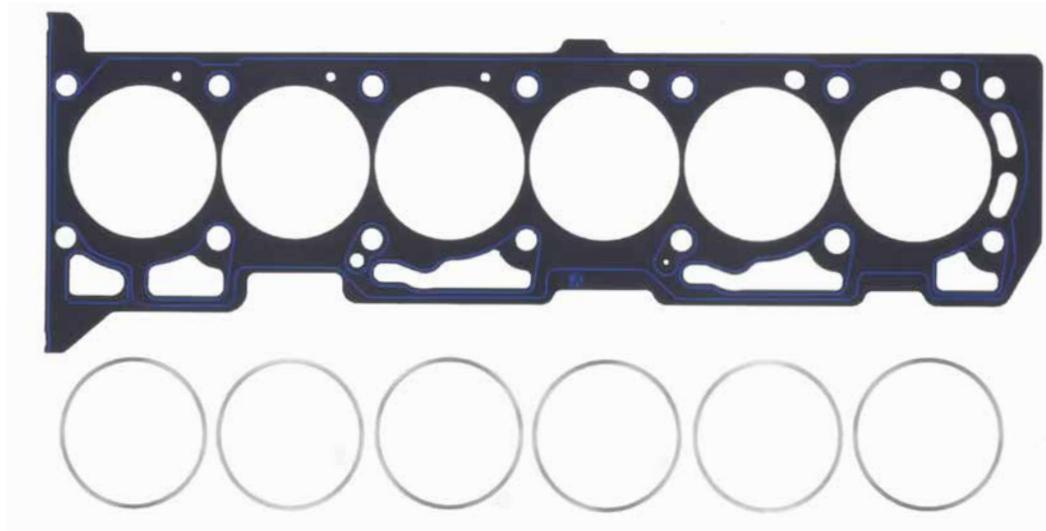


NEW RACING HEAD GASKET

FORD BARRA



PRICE
€ 260,00 (VAT excl.)

Athena presents its new **Cut Ring** cylinder head gasket for **Ford Barra inline 6-cylinder engines**.

Unlike other multilayer gaskets on the market, Athena Cut Ring gaskets are the best for these applications. **High performance engines** work at pressures of above 2 bar, and therefore need gaskets that withstand very high temperatures and extreme mechanical stress.

For this reason, Athena R&D department has designed a gasket that always ensures **maximum tightness**. Made of **Motor Gasket®**, an exclusive material developed and patented in Athena's research laboratories, this gasket has **stainless steel rings machined from solid** around each cylinder hole and is treated with special **anti-stick and tear-resistant coatings**.

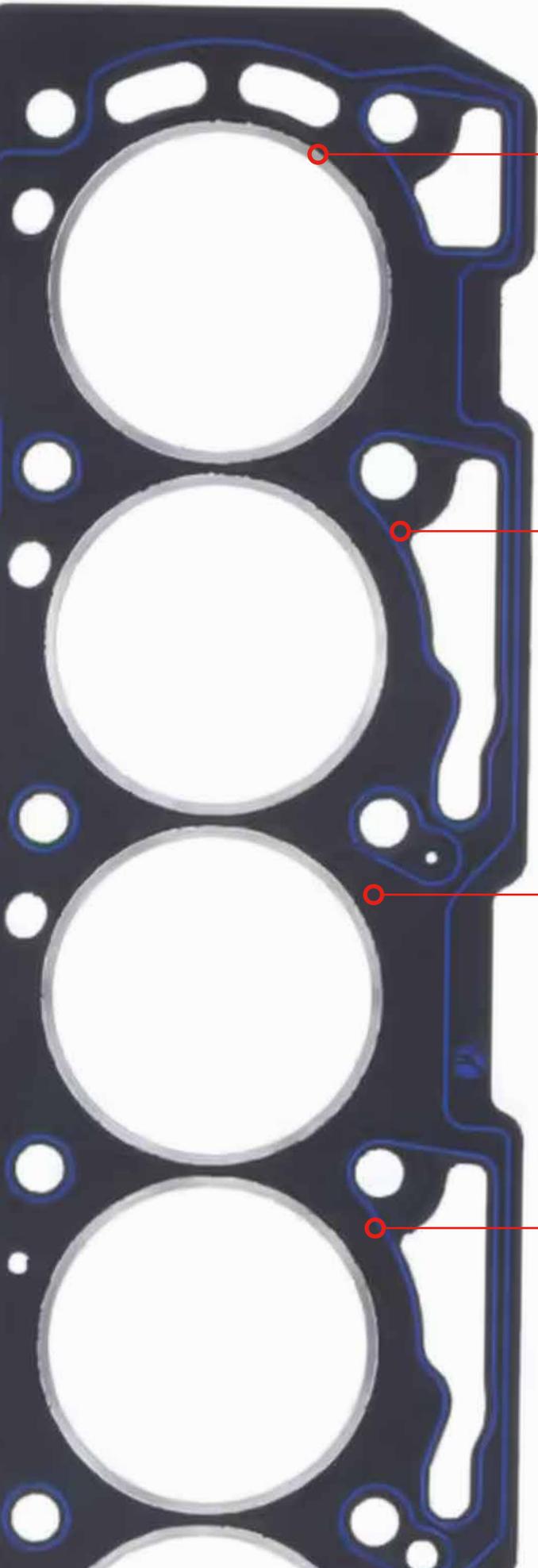
In addition, the Athena gasket **stud holes** are different from the OEM ones (**Ø14 mm** instead of Ø12 mm) to allow the use of studs **with a larger diameter** that **prevent movement** of the cylinder head **and leakage**.

During installation, **there is no need to modify the cylinder head or the engine block**.

APPLICATIONS

| CC. | ENGINE VERSION | MAJOR APPLICATIONS* | YEAR | GASKET BORE (mm) | THICKNESS (mm) | PART NUMBER | TECHNICAL DRAWING |
|-------|----------------|-------------------------------|-------|------------------|----------------|----------------|-------------------|
| 3.984 | FORD BARRA | FALCON FPV F6 TERRITORY | 02-16 | 93,8 | 1,00 | 330128R | |

*Please note this application list is only listing the most popular models.
For a full list of applications covered by gaskets please check engine number.



STAINLESS STEEL CUT RINGS

The Athena gasket includes rings which must be placed around the 6-cylinder holes which perfectly **withstand crushing and thermal stress** without damaging the surface of the gasket. Produced by machining centers that respect extremely tight tolerances, these rings ensure an **exceptional seal** which is better than conventional fire rings and offer excellent **heat dispersion** in the combustion chamber. With their special shape with **surface cusps**, they attach themselves to the cylinder head and always **remain in position**.

SILICONE BEADING

To improve the **seal around the oil and coolant passages**, Athena technicians identify and study the critical areas on the surface of the gasket during design. An optimal seal ensures **maximum operating efficiency** and prevents damage to the engine or reduced performance.

A special silicone beading, with a characteristic blue color, is therefore applied using high-precision screen printing machines.

SURFACE TREATMENTS

To **prevent any adhesion** with the cylinder head or with the engine block which could cause wear or tearing of the gasket over time, the R&D department has come up with a silicone-based surface treatment. This process, which is carried out at the end of the production line in Athena Headquarters, ensures a **uniform seal** on the entire surface of the cylinder head gasket.

PATENTED MATERIALS

Developed by Athena's research laboratories, Motor Gasket® sealing material is conceived and produced to guarantee the quality, the efficiency and the reliability for which Athena stands out.

Available in various thicknesses and configurations, they guarantee **high mechanical and thermal resistance** and **adapt** in an optimum way to the **sealing surfaces**. They are also **resistant to corrosion** and do not deteriorate when they come into contact with **oils, fuels** or water mixed with **antifreeze**.