

EUROSEAL[®] GP PLUG

The patented plug for Air Cooler

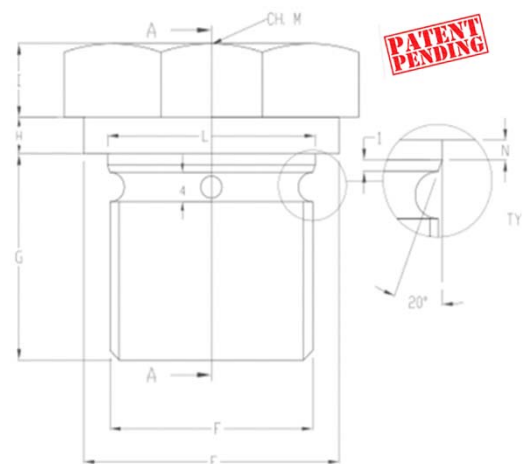
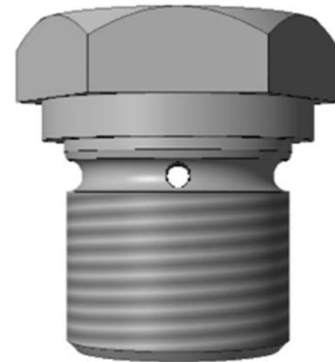


SUPERIOR PERFORMANCE

EUROSEAL® GP Plug is the innovative air-cooler plug engineered to optimize the gasket tightening and as a consequence the sealability of the system. The special **self-centering** profile, free of burrs, ensures correct positioning of the seal by distributing the load evenly over the entire contact surface of the air-fin. The EUROSEAL® GP Plug, available in all metallurgies, is the most effective system for severe applications, where temperature and pressure cycles negatively affect the seal.

EUROSEAL® GP Plug – Distinctive Technical Features

- Threaded plug machined from bar stock on CNC lathes, ensuring perfect flatness and burr-free surfaces.
- Thread control performed using go/no-go gauges.
- Self-centering burr-free profile guarantees correct gasket positioning by evenly distributing the load across the entire contact surface of the heat exchanger.
- Custom-engineered and available in all metallurgies.
- Optional customized marking on the hex head of the GP Plug (dimensions, metallurgies, tightening torques, exchanger number...).
- Significant reduction of tightening torque when installed with Kap Seal gaskets: lower mechanical stress on sealing faces and prevention of seizing.
- For GP Plugs made of carbon steel, a protective PTFE anti-corrosion coating is recommended.
- Optional balancing hole to equalize pressure on the gasket and allow maintenance while the air cooler is in operation.

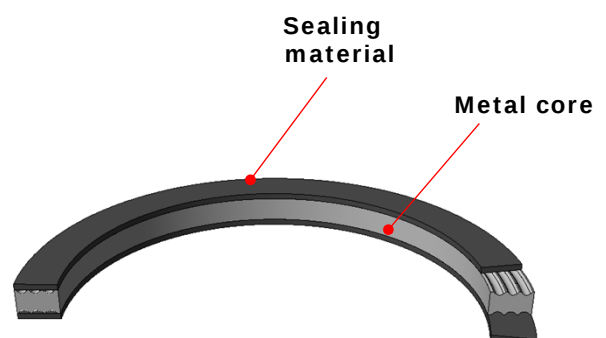


EUROSEAL® KAP SEAL GASKET + GP PLUG

EUROSEAL® Kap Seals consist of a metal core with concentric grooves, onto which a sealing material layer is applied. The grooves concentrate the load on a reduced surface area, lowering the pressure required to ensure sealing—even under thermal cycling conditions.

The coating on the metallic part helps compensate for irregularities and imperfections in the flange surface.

EUROSEAL® GP Plug - Kap Seal has been tested by several Italian Air-fin manufacturers: the results show excellent sealing performance with clamping loads lower than the calculated theoretical values.



Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences GENERAL PACKING ITALY® has made so far. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. GENERAL PACKING ITALY® does not undertake any liability of any kind whatsoever. Please note: the color of the actual product might vary from the above image on this data-sheet.