

Press Release

## METELLI EXPANDS ITS RANGE OF BRAKE COMPONENTS WITH THE NEW HELICAL BRAKE MASTER CYLINDER

The latest generation of brake master cylinders, the helical brake master cylinder is highly technological, compact, lightweight, solid, and resistant.

Cologne (BS), 10<sup>th</sup> June 2013 – To complete its range of brake components, Metelli introduces the helical brake master cylinder, an innovative and highly technological product. The Metelli Group, with its 50-year leadership in the automotive sector, is one of the first companies to introduce the helical brake master cylinder, an absolute novelty in the aftermarket industry.

The helical brake master cylinder (also known as **plunger brake master cylinder**) is **characterized by the presence of seals fixed to the pump body instead of the piston in motion**. The helical grooves on the brake master cylinder housing facilitate the flow of the brake liquid and air during blow off.

There are several advantages of a helical brake master cylinder compared to a traditional tandem:

- **Compact design.** The helical brake master cylinder has almost half as many components as traditional brake master cylinders, which makes it ideal for small spaces.
- **Reduced weight.** The helical brake master cylinder is 20% lighter than traditional brake master cylinders.
- **Solidity.** The presence of smaller seals reduces elastic deformation.
- **Resistance.** The sealing rings fixed into the pump body ensure a better resistance to impurities and wear, and longer life.

There are two helical brake master cylinder models: 05-0674/202-674 and 05-0675/202-675. These have been designed by the Metelli Group for several vehicle brands, including *FIAT Punto Evo*, *Grande Punto*, *Grande Punto Van*, *Alfa Romeo Mito*, and *OPEL Corsa*.

The introduction of the helical brake master cylinder in the range of brake components offers further **increases to Metelli's competitiveness on the market, confirming its role as major reference point for professionals and workers in the automotive field** and its responsiveness to the constant evolution and modernization of the motor vehicle industry.

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