

# Precision heads

**D'**Andrea, Italy, is a recognised world leader in the manufacture of high-precision boring heads and accessories. Since 1951, when the company's founder, Marino D'Andrea introduced TS-series boring and facing heads, the company has been developing increasingly effective technologies, to keep pace with the industry demand.

In recent years the company's dramatic growth is attributed to the success of the Modulhard'andrea, or 'MHD', the modular toolholder system. This system has exceptional technical solutions, offering precision for the Testarossa finishing heads and rigidity, concentricity and flexibility for twin nose boring, milling, drilling and tapping systems.

The patented MHD coupling system is composed of a cylindrical-conical fit and a ra-

dial expanding bolt for axial clamping and driving. The conical fit automatically centres the mounted elements.

The wide range of TRM Testarossa heads and boring bars is D'Andrea's solution for finishing with a working range from 2.5 to 500mm

diameter. The adjustment, equivalent to  $2\mu\text{m}$  on the diameter, can be directly read on the scale and easily set up. TRM heads guarantee high precision machining to IT6 tolerances and excellent surface finishes. Testarossa kits are available with a broad range of toolholders, tools, inserts and service wrenches, offering the best solutions for operations that require the utmost flexibility.

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