



The way of productivity



WELCOME TO PINZBOHR

Our company was established in 1977 and since then we are fully dedicated to develop and produce PINZBOHR boring system doing its marketing through a distribution network covering Europe, Western Hemisphere, Asia, South Africa, Australia and New Zealand.

Located in Montmeló, Barcelona (Spain), our facilities cover 2000 square meters fully equipped with the latest CNC machine series, conventional machines and measurement equipment to ensure quality. In our warehouse we permanently stock a 100% of catalog products, providing our customers with a fast and efficient service in standard items, spare parts and accessories. To fully adapt to the needs of each user, we also make special tools for less common applications such as reverse, external or large diameter boring.

More than 35 years of experience endorses us as a worldwide reference in boring applications. Our product design, quality and service led worldwide high technology industries to adopt PINZBOHR as their standard boring system.



C/ Industria 30 y 34
Polígono Industrial "El Pedregar"
08160 Montmeló (Barcelona)
Spain
Tel.: +34 935 720 873
Fax: +34 935 720 936
www.pinzbohr.com

A wide range of boring heads, arbors and accessories to provide the whole solution

“D” Boring heads

- With two cutting inserts, available among several standard geometries.
- An adjusting screw moves, synchronized and symmetrically, the two slides either when opening or closing.
- The required diameter is quickly and easily reached since slides do not require individual adjustment.
- Safety set assembly designed to prevent mechanism damage or breakage.
- 75° or 90° cutting angle choice.



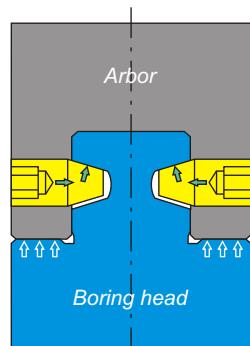
“A” Boring heads

- With one cutting insert, available among several standard geometries.
- High precision adjustment through a graduated dial featuring 0.002 mm readout precision on diameter.
- Pre-load device keeping the displacement perpendicularity with the rotation axis.
- 75° or 90° cutting angle choice.



“Micro” Boring heads

- Fitting indexable boring bars either steel or solid carbide.
- Full rigidity in small diameters.
- Same design features than “A” boring heads.



■ Tapered screws

Better performance and productivity

- Accurate, strong and versatile modular boring system to meet each user's needs.
- Wide range of boring diameters: **from 6 mm up to 1020 mm**.
- Tool selection from a great variety of cutting insert geometries.
- All components made of Nickel-Chrome alloy steel heat treated to 58-60 HRC.
- Ground components to ensure precise adjustments.
- High rigidity coupling system performed by tapered screws.

Arbors for boring heads



| MAS BT 403 | DIN 69871 | DIN 2080 | DIN 69893 | DIN 228 | DIN 1806 | DIN 1835 | BRIDGEPORT |
|--------------------|--------------------|----------------|----------------|---------------|------------|----------|------------|
| ISO 30, 40, 45, 50 | ISO 30, 40, 45, 50 | ISO 30, 40, 50 | 50A, 63A, 100A | MORSE 2, 3, 4 | MORSE 5, 6 | WELDON | R8 |

- Each arbor is available in various lengths, giving to the user the required boring depth with a single arbor configuration.

Accessories



Extensions

Reducers

45° chamfering heads

Weldon, morse, milling and drill chucks adaptors



The ideal solution
for prototyping, tooling,
repairing, etc.

Bohrstar 54 kits

- One boring head covers a wide range of diameters that goes from 6 mm up to 210 mm.
- The boring head is radially adjusted with a readout precision of 0.002 mm on diameter.
- Rhombic or triangular kit insert choice.
- Featuring several kits with different diameter ranges:

Ø 6 ~ 43 mm Ø 6 ~ 100 mm Ø 6 ~ 170 mm Ø 6 ~ 210 mm

Macrobohr modular system

- Lightweight tools line for large diameter finish, rough and reverse boring as well as outside diameter turning.
- With high strength aluminium plates.
- Boring range goes from Ø 220 mm up to 1020 mm.





www.aiebv.com

AKKERMANS INDUSTRIAL ENGINEERING B.V.

Vijfhuizenberg 103A • 4708AJ Roosendaal (Noord-Brabant) Nederland • T (+31) 0165 224140 • info@aiebv.com • www.aiebv.com
KvK 20040320 • BTW nr. 005358012B01 • IBAN NL33 RABO 0141 2525 10 • BIC RABONL2U