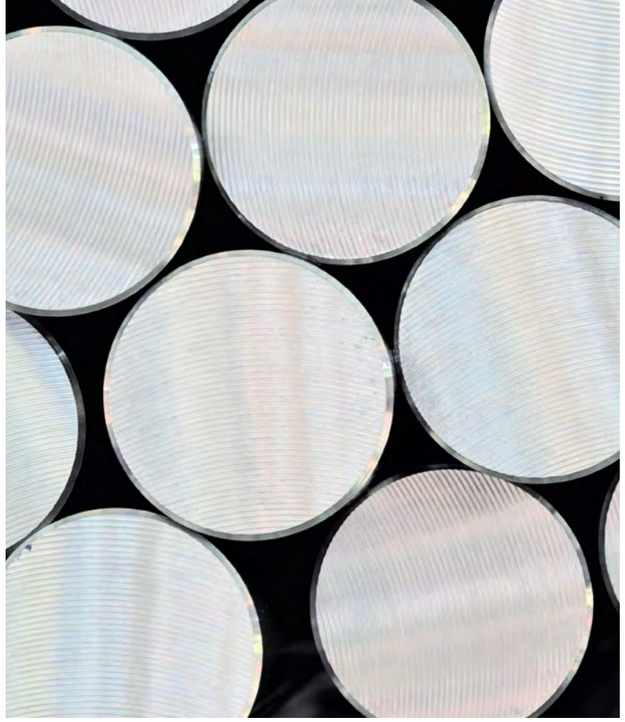








Cold Drawn Round bars 15-46 mm

FEATURES:

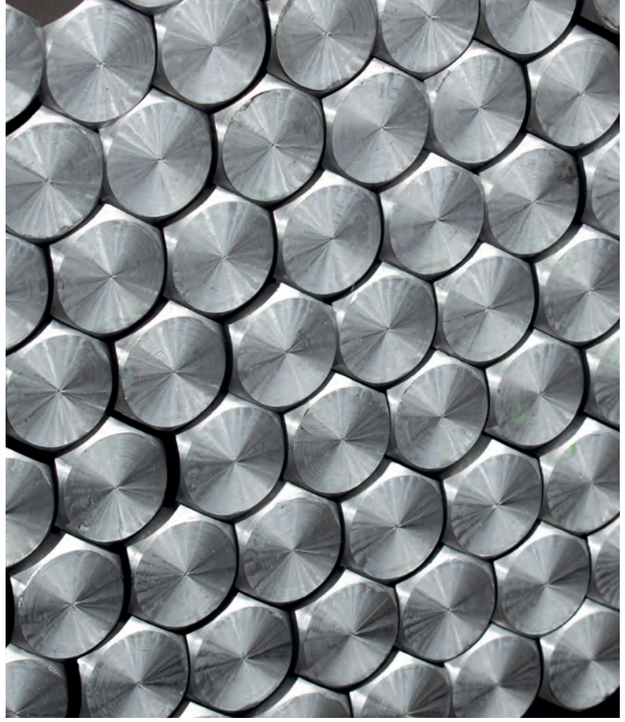
- Production in **6 meters bars, sawn in half** only after eddy-current testing
- Surface quality check guaranteed also for the first 5 centimeters of the extremity

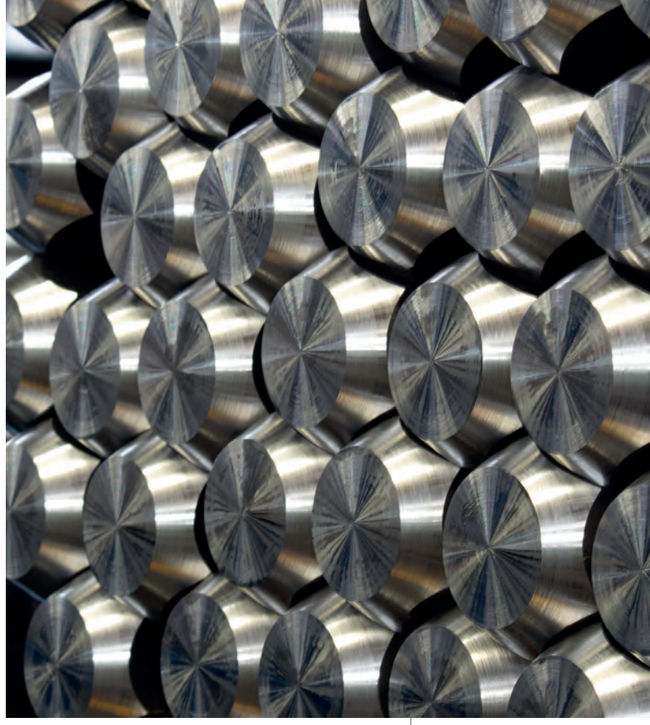
Eddy-current testing is guaranteed even in the first 5 centimeters of the extremity of the bar, usually not controllable, as it is performed on 6 meters bars before sawing. Thanks to two innovative production lines, bars are crossed after the sawing process and, once chamfered, they become the two tested extremities.

- Surface quality class higher than **Class 3** for standard **MAB70** material
- Surface quality class of **MAB70** "Per Boccole" ("hose ferrule") material close to **Class 4**
- Perfect bar ends with identical size and shape of the rest of the bar
- Small chamfer of a few millimeters to avoid any waste
- 90° chamfer ends upon request
- **Straightness** = 0,5 mm/m, halved than expected according to EN 10277

ESAMAB®







Cold Drawn Hexagonal bars 6-65 mm

FEATURES:

- **Multiple defects detection, both longitudinal (cracks) and transverse (scales)**, that traditional testing equipment are not able to intercept on hexagonal bars Integrated surface inspection up to 41 mm. It could be extended till 65 mm upon request.

Thanks to an innovative in-house developed testing system we are now able to detect longitudinal surface defects on hexagonal bars, which can not be intercepted by using traditional testing systems with rotating probes used for round profiles. Together with some other technical tricks, we are able to obtain a superficial quality class even higher than Class 3, although the EN 10277 guarantees only Class 2 for hexagonal bars.

- **Class 3** - **Crack Tested** surface for standard **ESAMAB** material
- Surface quality even higher than Class 3 for **ESAMAB "Per Dadi"** ("nuts") material
- Extremities of the bar with identical size and shape of the rest of the bar
- Small chamfer of a few millimeters to avoid any waste
- 90° chamfer ends upon request
- Special surface finishing to avoid marks after zinc coating on wrought components
- **Straightness** = 0,5 mm/m, halved than required according to EN 10277

ESAMAB® Exagon

70 MAB 1949 - 2019

