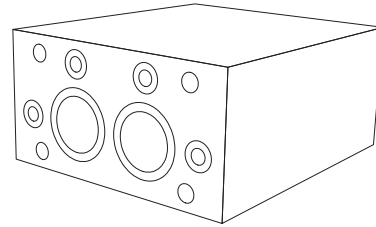


Application: hydraulic block

Branches

- **Manufacture of hydraulic and pneumatic systems**
- **Manufacture of automobile and agricultural components**



Relevant product information

- | | |
|--|---|
| Suitable cast iron grades: | <ul style="list-style-type: none"> • ACO Eurobar GG-FP, ACO Eurobar GG-P, ACO Eurobar GGG-50, ACO Eurobar GGG-60, ACO Eurobar GGG 40/50, ACO Eurobar GGG-40 |
| Can replace: | <ul style="list-style-type: none"> • Sand castings • Steel • Aluminium |
| Offers the following advantages...: | <ul style="list-style-type: none"> • Superior machinability thanks to self-lubrication combined with ease of chip-breakage • Withstands high pressures (GGG-50 & GGG-60) • Easy to deburr • Shorter inter-hole distances possible thanks to improved machinability in drilling • Favourable vibration-damping characteristics • No shrinkage or porosity • Lighter than steel • More uniform and finer microstructure than with sand castings |
| ...and cost savings: | <ul style="list-style-type: none"> • Substantially reduced machining times • Significant reduction in the time required for deburring • Increased tool life in machining thanks to the self-lubricating characteristics • Complicated transitions easier to machine • Lower cost than aluminium • No expenses for patterns • Fewer rejects • No sand particles and/or other casting defects |

Ordering information

Eurobar product	Microstructure	Hardness, HB	Tensile strength, N/mm ²
ACO Eurobar GG-FP	Flake graphite, ferrite-pearlite	170-240	140-195
ACO Eurobar GG-P	Flake graphite, pearlitic	200-290	180-240
ACO Eurobar GGG-40	SG-iron, ferritic	130-180	370-400
ACO Eurobar GGG-40/50	SG-iron, ferrite-pearlite	150-210	370-400
ACO Eurobar GGG-50	SG-iron, ferrite-pearlite	170-240	420-500
ACO Eurobar GGG-60	SG-iron, pearlitic	200-290	550-600