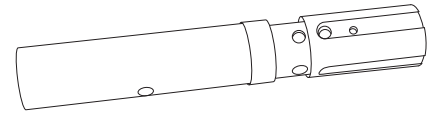


## Application: Spool

### Branches

- Textile and general engineering



### Relevant product information

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

### Ordering information

Eurobar product	Microstructure	Hardness, HB	Tensile strength, N/mm <sup>2</sup>
ACO Eurobar GG-FP	Flake graphite, ferrite-pearlite	170-240	140-195
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