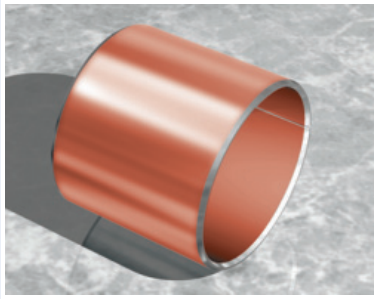

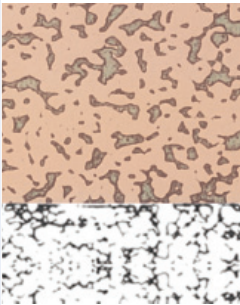


SP™ Bearing Material	Characteristics	Applications
 	<ul style="list-style-type: none"> <li>For lubricated applications with plain sliding layer</li> <li>Suitable for oil and grease lubrication</li> <li>The bush ID can be machined by boring, reaming, broaching or calibrating</li> </ul>	<p><b>Industrial</b></p> <p>Mechanical handling and lifting equipment, machine slides, hydraulic cylinders, hydraulic motors, pneumatic equipment, medical equipment, textile machinery, agricultural equipment, etc.</p>

Composition & Structure	Operating Conditions	Availability										
Steel-leadbronze compound material St + CuPb26Sn2	<table border="1"> <tr> <td>dry</td> <td>poor</td> </tr> <tr> <td>oiled</td> <td>good</td> </tr> <tr> <td>greased</td> <td>good</td> </tr> <tr> <td>water</td> <td>poor</td> </tr> <tr> <td>process fluid</td> <td>poor</td> </tr> </table>	dry	poor	oiled	good	greased	good	water	poor	process fluid	poor	<p><b>Ex Stock</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul> <p><b>To order</b></p> <ul style="list-style-type: none"> <li>Cylindrical bushes and non-standard parts</li> </ul>
dry	poor											
oiled	good											
greased	good											
water	poor											
process fluid	poor											

Microsection	Bearing Properties	Unit	Value
 <p>Sliding layer Stannous, lead, bronze alloy group CuPb26Sn2 consists of approx. 72% Cu, 26% Pb, 2% Sn</p> <p>Steel backing</p>	<p><b>Dry</b></p> <p>Maximum sliding speed v</p> <p>Maximum pv factor</p> <p>Coefficient of friction f</p>	<p>m/s</p> <p>MPa x m/s</p> <p>–</p>	<p>-</p> <p>-</p> <p>-</p>
	<p><b>Grease / Oil lubrication</b></p> <p>Maximum sliding speed v</p> <p>Maximum pv factor</p> <p>Coefficient of friction f, greased / oiled</p>	<p>m/s</p> <p>MPa x m/s</p> <p>–</p>	<p>2.5</p> <p>2.8</p> <p>0.05-0.12 / 0.04-0.12</p>
	<p><b>General</b></p> <p>Maximum temperature T<sub>max</sub>, greased / oiled</p> <p>Minimum temperature T<sub>min</sub>, greased</p> <p>Maximum load p static</p> <p>Maximum load p dynamic</p> <p>Shaft surface finish R<sub>a</sub></p> <p>Shaft hardness - normal</p> <p>Shaft hardness - for longer service life</p>	<p>°C</p> <p>°C</p> <p>MPa</p> <p>MPa</p> <p>µm</p> <p>HB</p> <p>HB</p>	<p>+150 / +250</p> <p>-50</p> <p>250</p> <p>120</p> <p>≤0.4</p> <p>&gt;200</p> <p>&gt;350</p>