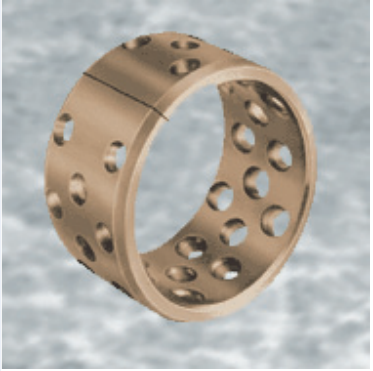



LD™ Bearing Material	Characteristics	Applications
 	<ul style="list-style-type: none"> Improved performance compared with MBZ-B09: larger grease reservoirs increase maintenance interval; dirt and debris swept into perforations, thereby reducing wear Optimum performance under relatively high loads and low speeds Wear resistant bearing made of solid bronze strip with perforation for lubricated applications 	<p>Industrial Mechanical handling and lifting equipment, hydraulic cylinders, pneumatic equipment, medical equipment, textile machinery, agricultural equipment, etc.</p>

Composition & Structure	Operating Conditions		Availability
Monometallic material CuSn8 with grease reservoirs for long term lubrication	dry oiled greased water process fluid	poor fair good poor poor	<p>Ex Stock</p> <ul style="list-style-type: none"> N/A <p>To order</p> <ul style="list-style-type: none"> Cylindrical bushes and non-standard parts

Microsection	Bearing Properties	Unit	Value
 <p>CuSn8: 8% Sn, 0.05% P, Rest Cu</p>	<p>Dry</p> <p>Maximum sliding speed v</p> <p>Maximum pv factor</p> <p>Coefficient of friction f</p> <p>Grease lubrication</p> <p>Maximum sliding speed v</p> <p>Maximum pv factor</p> <p>Coefficient of friction f</p> <p>General</p> <p>Maximum temperature T_{max}</p> <p>Minimum temperature T_{min}</p> <p>Maximum load p static</p> <p>Maximum load p dynamic</p> <p>Shaft surface finish R_a</p> <p>Shaft hardness - normal</p> <p>Shaft hardness - for longer service life</p>	<p>m/s</p> <p>MPa x m/s</p> <p>–</p> <p>m/s</p> <p>MPa x m/s</p> <p>–</p> <p>°C</p> <p>°C</p> <p>MPa</p> <p>MPa</p> <p>µm</p> <p>HB</p> <p>HB</p>	<p>-</p> <p>-</p> <p>-</p> <p>2.5</p> <p>2.8</p> <p>0.06-0.15</p> <p>+150</p> <p>-40</p> <p>120</p> <p>40</p> <p>≤0.8</p> <p>>200</p> <p>>350</p>