

## SELF-LUBRICATING BEARINGS - BRONZE WITH GRAPHITE



These **SLIDING BEARINGS** are used primarily in the sector of mold but are also appreciated in a variety of mechanical applications as well as in the petrochemical sector.

They want to be a solution to the problems of friction, friction and wear caused by many different factors such as mechanical load, speed and type of movement, temperature, etc.. that may appear in the construction of machine tools and mechanical equipment.

We can provide:

### **COMMERCIAL SIZES**

bushings, slide guides, spherical bushings, etc..

### **SPECIAL SIZES**

constructed to measure according to the plan reviews.



The **INSERTS IN GRAPHITE** are distributed over 20-30% of the running surface, creating an anti-friction thin film that will remain during the rest and is under heavy loads.

On request could may be applied a film of 20 um of composition similar to that of the insert to facilitate the early movements and avoid a damaging blow to departure (stick-slip).

BASE METALLICA		PROPRIETA' MECCANICHE						INSERTI (ul
LEGA	EN 1982-1998	DUREZZA HB	A %	Resist. Traz. (N/mm <sup>2</sup> )	T.max. C°	V.max. (Mt/min)	P.max. (N/mm <sup>2</sup> )	TIPO
CuSn7ZnPb	CC491K	70	12	260	150	20	30	L2 (standard)
CuSn12	CC483K	90	5	280	180	18	50	LHT (speciale)
CuAl10Fe55Ni5	CC333G	160	12	680	250	18	80	E1
CuZn25Al5	CC762S	180	8	750	250	15	98	

