

CONCAST380

Continuous Cast

Product Description:	Aluminum Bronze
Solids:	1" to 5" O.D.
Rectangles:	2" to 3"
Standard Lengths:	144"
Shape/Form:	semi-finished; mill stock or near-net shapes; bar stock; squares; hex; plate; profile or structural shape; flats/rectangular bar

Typical Uses

Industrial cold rolling metal dies and guides where a hardness minimum is specified

Chemical Composition

Cu%	Fe%	Al%	Co%	Mn%
Rem.	4.50-6.50	14.00-16.00	2.50	3.25

Note: Single values represent maximums.

Machinability

Alloy	Machinability Rating	Density (lb/in ³ at 68 °F)
CONCAST380		0.25

Mechanical Properties

Tensile Strength, min		Yield Strength, at 0.5% Extension Under Load, min		Elongation, in 2 in. or 50 mm min	Brinell Hardness (3000 kg load)	Remarks
ksi	MPa	ksi	MPa	%	minimum BHN	
					340	