

CONCAST380

Standard-stocked product	Continuous cast
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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 (%)
Remain	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	