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Brass bar stock supply

Copper-zinc alloy buyer hub | Mozaic Precision Metals technical reference

Guide customers to C360 and C693 based on mechanical/regulatory priorities.

GRADE / PRODUCT SELECTION

REFERENCE FIELD	SPECIFICATION / BUYER INFORMATION
Material / product	Brass bar stock supply
Alloy or product family	Copper-zinc alloy buyer hub
Chemical / material identity	Brasses cover leaded free-cutting and lower-lead silicon types
Selection consideration	Guide customers to C360 and C693 based on mechanical/regulatory priorities
Condition / temper	Specify copper alloy grade, temper, contact and turning requirements
Reference standard to verify	CDA UNS and ASTM B16/B124 as grade/product requires
Typical applications	Valve stems, connector fittings, machine bushings
Limits / cautions	Leaded C360 is not a drop-in substitute for C693 when lead limits apply

RELATED MATERIAL CONSIDERATIONS

Compare C360 free-cutting vs C693 silicon brass.

ORDERING & PROCESSING REQUIREMENTS

Specify the exact grade/product standard, condition, dimensions, quantity, surface finish, straightness and required certification. Specify copper alloy grade, temper, contact and turning requirements.

SOURCING & QUALITY NOTE

Mozaic reviews precision grinding, straightening, polishing, cutting and packaging to order-specific requirements. Numeric strength, chemistry and condition limits must be checked against the applicable specification and actual mill test report.

Reference starting point: Copper Development Association, UNS alloy composition resources

Material page: https://mozaicprecision.com/material/brass-bar-stock/

General reference: not a mill test report, certified analysis, stock guarantee or design approval.