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C36000 free-cutting brass bar

Brass | Mozaic Precision Metals technical reference

Preferred where machining productivity matters and lead-bearing material is permitted.

GRADE / PRODUCT SELECTION

REFERENCE FIELD	SPECIFICATION / BUYER INFORMATION
Material / product	C36000 free-cutting brass bar
Alloy or product family	Brass
Chemical / material identity	Copper-zinc alloy intentionally containing lead for free machining
Selection consideration	Preferred where machining productivity matters and lead-bearing material is permitted
Condition / temper	Confirm C36000 free-cutting temper and required rod/bar tolerance
Reference standard to verify	ASTM B16/B16M for free-cutting brass rod/bar where applicable
Typical applications	Screw-machined fittings, valves, threaded parts
Limits / cautions	Lead content affects suitability for drinking-water and lead-restricted applications

RELATED MATERIAL CONSIDERATIONS

Compare lead-restricted C69300 silicon brass when compliance matters.

ORDERING & PROCESSING REQUIREMENTS

Specify the exact grade/product standard, condition, dimensions, quantity, surface finish, straightness and required certification. Confirm C36000 free-cutting temper and required rod/bar tolerance.

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/360-brass/

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