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86L20 leaded alloy bar stock

Leaded case-hardening steel | Mozaic Precision Metals technical reference

Sourcing-focused bar content with machining and carburizing purchase needs.

GRADE / PRODUCT SELECTION

REFERENCE FIELD	SPECIFICATION / BUYER INFORMATION
Material / product	86L20 leaded alloy bar stock
Alloy or product family	Leaded case-hardening steel
Chemical / material identity	SAE 86L20 free-machining leaded Ni-Cr-Mo grade
Selection consideration	Sourcing-focused bar content with machining and carburizing purchase needs
Condition / temper	State exact chemistry, bar supply length, finished OD and certification
Reference standard to verify	SAE J404 and ASTM A29/A29M when applicable
Typical applications	Production pinions, shafts, precision turning blanks
Limits / cautions	Potentially overlaps 86L20 informational page; inspect GSC/Bing before canonical/redirect changes

RELATED MATERIAL CONSIDERATIONS

Compare 86L20 grade guide and 8620 nonleaded carburizing.

ORDERING & PROCESSING REQUIREMENTS

Specify the exact grade/product standard, condition, dimensions, quantity, surface finish, straightness and required certification. State exact chemistry, bar supply length, finished OD and certification.

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: SAE J403: Chemical Compositions of SAE Carbon Steels

Material page: https://mozaicprecision.com/material/86l20-steel-bar-stock/

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