sales@mozaicprecision.com
847-637-8379

1026 DOM steel tubing

Carbon steel tube | Mozaic Precision Metals technical reference

Close dimensional control from DOM manufacturing; properties depend on grade and reduction.

GRADE / PRODUCT SELECTION

REFERENCE FIELD	SPECIFICATION / BUYER INFORMATION
Material / product	1026 DOM steel tubing
Alloy or product family	Carbon steel tube
Chemical / material identity	SAE 1026 carbon steel commonly used for drawn-over-mandrel mechanical tubing
Selection consideration	Close dimensional control from DOM manufacturing; properties depend on grade and reduction
Condition / temper	Specify DOM Type 5, OD, ID, wall and cutting length
Reference standard to verify	ASTM A513 Type 5 as ordered and SAE 1026 designation
Typical applications	Hydraulic cylinders, structural sleeves, tubular machined components
Limits / cautions	Tube is not solid bar; straightness and weld seam properties are specification-dependent

RELATED MATERIAL CONSIDERATIONS

Compare generic DOM process page and St52-3 tube.

ORDERING & PROCESSING REQUIREMENTS

Specify the exact grade/product standard, condition, dimensions, quantity, surface finish, straightness and required certification. Specify DOM Type 5, OD, ID, wall and cutting length.

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/1026-steel-tubing/

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