

ST52-3 structural steel tube

Steel tubing | Mozaic Precision Metals technical reference

Identify actual EN/ASTM grade and product norm when translating old drawings.

GRADE / PRODUCT SELECTION

REFERENCE FIELD	SPECIFICATION / BUYER INFORMATION
Material / product	ST52-3 structural steel tube
Alloy or product family	Steel tubing
Chemical / material identity	Legacy DIN St52-3 steel designation used for certain structural tube/plate products
Selection consideration	Identify actual EN/ASTM grade and product norm when translating old drawings
Condition / temper	Specify OD, wall thickness, length, condition, coating and weld requirements
Reference standard to verify	DIN 17100 legacy reference and actual tube product standard
Typical applications	Structural tubing, mechanical frames, equipment supports
Limits / cautions	Do not automatically equate St52-3 with every EN S355 or E355 product without standard/condition review

RELATED MATERIAL CONSIDERATIONS

Compare 1026 DOM tubing and drawn tubing definitions.

ORDERING & PROCESSING REQUIREMENTS

Specify the exact grade/product standard, condition, dimensions, quantity, surface finish, straightness and required certification. Specify OD, wall thickness, length, condition, coating and weld 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: SAE J403: Chemical Compositions of SAE Carbon Steels

Material page: <https://mozaicprecision.com/material/discover-the-versatility-of-st52-3-tube-for-industrial-applications/>