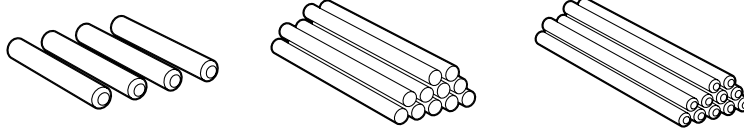


ZAPP PRECISION WIRE ULTRASONICALLY TESTED STEEL BARS



CERTIFIED TO ISO 9001



MATERIAL GRADES

- _ ferritic
- _ austenitic
- _ titanium
- _ martensitic upon request

SIZE RANGE

- _ diameter 6.0 mm to 25.0 mm

TECHNICAL DATA

- _ high verification
- _ high cross section overlap
- _ extra high longitudinal overlap
- _ untested ends are removed in line
- _ integrated eddy current testing (up to 0,1 mm defect depth)
- _ integrated positive material identification
- _ bars can be marked in line
- _ marking of surface without damage of surface or mechanical properties
- _ detectable defects circular disc-shaped reflector 0,7 or better (upon request)
- _ automatic collection, documentation and analysis of all test data
- _ samples: certified producer of samples, control reports of man-made defects are available resp. are issued for every material and request

STANDARDS:

Standard	Description
DIN EN 10308	Ultrasonic Testing of Steel Bars (March 2002)
AMS-STD-2154	Aerospace Material Specification: Process for Inspection, Ultrasonic, Wrought Metals, (September 2005)
AMS 2630 B	Aerospace Material Specification: Inspection, Ultrasonic, Product over 0.5 inch (12,7 mm) thick (March 1995)
AMS 2632A	Aerospace Material Specification: Inspection, Ultrasonic, of thin Materials, 0.5 inch (12,7 mm) and under in Cross-Sectional Thickness (March 1995)
AMS 2631B	Aerospace Material Specification: Ultrasonic Inspection, Titanium an Titanium Alloy Bar and Billet (March 1995)
ASTM E 2375-08	Standard Practice for Ultrasonic Testing of wrought Metals
ASTM E 428-05a	Standard Practice for Fabrication and Control of Metal, other than Aluminium Reference, Blocks used in Ultrasonic Examination
ÖNORM M 3002	Ultrasonic Testing of forged and rolled products made of steel and other metallic alloys with higher requirements – performance, inspection coverage, quality level
Qualification of personnel	acc. to ASNT SNT-TC-1A: Recommended Practice, Personnel Qualification and Certification in Nondestructive Testing

ZAPP PRECISION WIRE

WIRE | BAR | PROFILE
Stahlwerk Ergste Westig GmbH
Letmather Straße 69
58239 Schwerte
P.O. Box 17 20
58212 Schwerte
Phone +49 2304 79-198
Fax +49 2304 79-6198
precisionwire@zapp.com
www.zapp.com

The illustrations, drawings, dimensional and weight data and other information included in this data sheet are intended only for the purposes of describing our products and represent non-binding average values. They do not constitute quality data, nor can they be used as the basis for any guarantee of quality or durability. The applications presented serve only as illustrations and can be construed neither as quality data nor as a guarantee in relation to the suitability of the material. This cannot substitute for comprehensive consultation on the selection of our products and on their use in a specific application. The brochure is not subject to change control.
Last revision: July 2008