



SAQ
SIAT

**TECHNICAL SPECIFICATION
TWISTED SQUARE DRAWN WIRE**

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1. DESCRIPTION.

High quality bright drawn steel bars, according to following standards:

- EN ISO 16120-2 C4D
- EN ISO 16120-2 C7D
- EN ISO 16120-2 C9D
- EN 10277-2.

2. CHEMICAL COMPOSITION ON PRODUCT

Limits	C %	Mn %	Si %	P %	S %
min	-	-	-	-	-
max	0.17	0.50	0.30	0.040	0.040

NOTE:

Materials for hot zinc galvanising available on request.
Materials with lower carbon percentage available on request.

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Side mm	Diagonal examples mm	Examples R edges mm	Helix Step mm	Rm MPa
4,00 ÷ 6,00	4,70 ca	1,25 ca	On customer's request 70÷100	600-800
	5,76 ca	1,50 ca		600-800
	6,94 ca	1,70 ca		600-800

4. STANDARD PACKAGING

Packaging	Weight Kg.	Nominal dimensions (mm)		
		Int D	Ext D	H
Spooled coils	1000 ÷ 1500	500/540/600	1.100 max	500

NOTE

Coils strapped at 4 points with 3/4" metallic strap with metal seals

On request:

Coils on 2 wood sticks size 80x80 mm or 100x100 mm

Coils protected with plastic coating

5. LABELLING.

Standard SIAT barcode label reporting:

heat nr. – coil nr. - customer name – date of production – size – weight.

6. STANDARD CERTIFICATION.

In accordance to EN 10204 2.2

Certification EN 10204 3.1 on request.

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