

DIN 2395 Welded Rectangular / Rectangular Precision Steel Tube

Classes: USt37-2, RST 37-2 (E235), ST37-3 (E195), St 44-2, St 44-3

Quality level: Class A / B

Wall thickness: 1.5 - 3 mm

Length: 4M-9M or as a customer

Product Details

DIN 2395 Series Welded Square / Square Precision Steel Pipe

The DIN 2395 series contains three standards for welded rectangular / square steel tubes.

Similar standards: EN 10305-5

grade:

USt37-2, RST 37-2 (E235), ST37-3 (E195), St 44-2, St 44-3,

Quality level:

Class A: final delivery condition M, no special requirements, the material quality of the steel is determined by the supplier without a control document.

Class B: There are special requirements, the relevant test methods must be specified in the order

Pipe size:

Height: 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100, 120 mm;

Width: 10, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80 mm;

Wall thickness: 1.5 - 3 mm.

Length: 4M-9M or as customer

To suppress height and width:

at a maximum height of 20 mm: ± 0.20 mm,

at a maximum height of 25, 30, 35 mm: ± 0.25 mm,

up to 40, 50 mm: ± 0.30 mm in height,

at a maximum height of 60 mm: ± 0.40 mm.

DIN 2395 Delivery conditions:

Delivery conditions	Symbol	Description	Quality level
Welding and polishing	M	generally not heat treated, but suitable for final heat treatment, post-weld heat treatment and non-supplied oxide skin	A or B
	BKM	similar to M and polished	/
normalizing	NBK	After the cold bending process, welding in the available environment	B

DIN 2395-1

Square and rectangular welded precision steel tubes Part 1: Dimensions for general use.

This standard regulates the dimensions of steel precision rectangular and square tubes for general engineering applications. Pipes conforming to this standard are manufactured and supplied cold-formed and electrically welded under pressure.

DIN 2395-2

Square and rectangular welded precision steel tubes - Part 2: Technical delivery conditions for general use.

This standard is a general technical guideline for the manufacture of steel precision tubes of rectangular and square cross-sections for general engineering solutions.

DIN 2395-3

Square and square welded steel tubes; Dimensions and technical conditions for the delivery of pipes must be used in the construction of the vehicle

This standard defines the dimensions and technical delivery conditions of square and rectangular steel pipes used in the automotive industry. Pipes conforming to this standard are manufactured and supplied cold-formed and electrically welded under pressure. Popular tags: din 2395 welded rectangular / square precision steel pipe, manufacturer, supplier, factory, company, high quality.

DIN 2395-1 Rectangular And Square Electric Precision Welded Steel Tubes

this standard specifies the technical delivery conditions for rectangular and square welded precision steel tubes according to DIN 2395 part 1 made from listed steel grades. 5. Pipes conforming to this standard are produced by cold forming and electrically resistant pressure welding. This standard does not apply to hollow sections for steel construction according to DIN 59 411.

DIN 2395-1 Rectangular and Square Electrically Welded Steel Pipe

Chemical composition

Code number for material	Chemical composition %						
	C max	P max	S max	N max	Si max	Mn max	Eel
UST37.2	0.21	0.065	0.065	0.009	–	–	
RST37.2	0.19	0.060	0.060	0.010	–	–	
ST37.3	0.19	0.050	0.050	–	–	–	
ST44.2	0.24	0.060	0.060	0.010	–	–	
ST44.3	0.23	0.050	0.050	–	–	–	
M22	0.16–0.23	0.040	0.040	–	0.28	0.40–0.75	
QSTE340N	0.18	0.035	0.035	–	9.53	1.56	

Mechanical property

Code number to material	Mechanical properties for condition as delivered					
	NBK (nominalized)			BKM (Welded and Dimensioned)		
	Tensile strength Rm N / mm ²	Yield point ReH N / mm ² mine	Elongation at break A5% min	Tensile strength Rm N / mm ²	Yield point ReH N / mm ² mine	Elongation at break A5% min
UST37-2	360–470	235	23	390	250	7
RST37-2						
ST37-3						

ST44-2	430-540	275	21	460	290	6
ST44-3						
M22	420 min	290	25	-	-	-
QSTE340N	460-580	340	27	-	-	-

Popular tags: din 2395-1 rectangular and square electric welded precision steel tube China, manufacturers, suppliers, factory, high quality, buy.