

Technical Systems

MARKET LEADER IN
FEED CONVEYING



FLATTENED WIRE

*MANAGING YOUR
FEED DISTRIBUTION
WITH FLEXIBILITY*

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FLATTENED WIRE

Technical Systems adds value by controlling the entire production process, from the flattening to the heat treatment stage ensuring a reliable and durable product.

Attributes & Dimensions

Material type: Heat treated Flat Wire

Quality control:

- **Input raw material:**
Material acceptance inspections of rod diameter, ovality and physical defects, with material steel grade verification.
- **Flat wire width & thickness dimensions:**
Continuous measurements to ensure correct dimensions.
- **Wire heat treatment and Hardness:**
Electronic and computerised readings to continuously measure the line speed, quenching, soaking and temper temperatures. Hardness tests per coil and re-checked at final packing.
- **Visual:**
Checks for possible deforming of product.
- **Packing checks:**
ISPM fumigation certificate, wrapping strength, covered in cloth to absorb excess oil, strapped.

Lubrication: To prevent corrosion.

Hardness:

TYPE	HRc
8.00 x 3.85 mm	40 ± 1.5
8.00 x 3.85 mm	43 ± 1.5
10.50 x 4.00 mm	
12.00 x 4.00 mm	
14.00 x 5.20 mm	

Other sizes and hardness are available. Please contact us for more information.

Dimensions:

TYPE 8.00 x 3.85 mm		Tolerances (mm)	Min (mm)	Max (mm)
FLAT WIRE WIDTH	8.00	[± 0.2]	7.80	8.20
FLAT WIRE THICKNESS	3.85	[± 0.1]	3.75	3.95

TYPE 10.50 x 4.00 mm		Tolerances (mm)	Min (mm)	Max (mm)
FLAT WIRE WIDTH	10.50	[± 0.2]	10.3	10.7
FLAT WIRE THICKNESS	4.00	[± 0.1]	3.9	4.1

TYPE 12.00 x 4.00 mm		Tolerances (mm)	Min (mm)	Max (mm)
FLAT WIRE WIDTH	12.00	[± 0.3]	11.7	12.3
FLAT WIRE THICKNESS	4.00	[± 0.15]	3.85	4.15

TYPE 14.00 x 5.20		Tolerances (mm)	Min (mm)	Max (mm)
FLAT WIRE WIDTH	14.00	[± 0.3]	13.7	14.3
FLAT WIRE THICKNESS	5.20	[± 0.15]	5.05	5.35



Packing Configuration

Pallet Flat Wire Coil Dimensions

(depending on weight of coil):

Inside diameter: min 900mm,

Outside diameter: max 1300 mm, Width: 360 – 425mm.

Weight: up to 2,000kg per coil. Packed eye to the sky.

1 x 6 m (20ft) container = maximum range from 19 – 25 tons, depending on allowable tonnage permitted per country.

Pallets are strapped, wrapped and covered with a cloth to prevent lubrication spilling.



Combined Shipments of Feed Chain, Auger, Corner units & Flat Wire - a competitive advantage!

Please enquire about packing combinations.

Visit www.technicalsys.com for more specifications.