

2023
**Product
Catalogue**

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About Us

With 40 years of experience, we were established in Istanbul in 2012 and aimed to supply innovative, reliable and economical wires needed in steel production by entering the sector. We convert the experience, knowledge and skills we have gained into our investments.

Thanks to the assessments we obtain from user experiences and our manufacturing experiences

We win our customers' satisfaction with our flexible manufacturing methods designed specifically for orders, with both cost-effective and efficient products.

Strategy

We work focused on the most budget friendly, reliable and innovative wire dispatch solutions throughout the product's lifetime. We manage our productions with high manufacturing technology, shorter downtime, durable components and preferred cost balance. Expanding our market share is the way to become a world brand, while ensuring the sustainability of our brand and protecting our quality standards and customer satisfaction priority.

Productivity

We offer an extraordinary price-performance ratio with our products. With high efficiency, ease of use and technical support continued after sales, we ensure that you constantly get the equivalent of using Mert Tel products.

Proactivity

Thanks to our priority of valuing innovation, while developing special order products, we work by first analyzing user experiences and demand up to the production stage. This also creates an important difference in our customers' preferences

Reliability

The superior quality of the products, and extraordinary workmanship, reliable service worldwide, the stability and strength of the company make us a reliable partner for professionals.

Cold Drawn Wire



Bright Drawn Wire

Bright wire products, such as chrome, nickel, PVC, provide better coating of the surfaces of the products. It provides great advantages by producing the wire with bright and clean surfaces for bending and spot applications according to customer demands.



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Product Information	
MATERIAL	Low Carbon Steel Wires
PRODUCT STANDARTS	TS EN 10218
RAW MATERIAL STANDARTS	TS 2348 EN 10016 (SAE 1006, SAE 1008, SAE 1010, SAE 1018)
QUALITY	Drawn industrial wires meet the requirements of EN 10016-1, EN 10016-2, EN 10016-3 and EN 10016-4, 10216, 10217, 17223, 10025, 10263-2, 10263-3, 10263-4
COLD DRAWING	Processed on iron and steel based products
WIRE DIAMETER ø	1.50 mm - Ø 22.00 mm
COIL WEIGHT kg	300 kg - 2000 kg

Cold Drawn Steel Wire

The cold drawn wires produced are used in many sectors from construction to textile, from building materials to animal husbandry.

Usage areas;

- Rack, stand manufacturers, -Grill, stove manufacturers,
- Connectors,
- Screw, bolt, nut,
- Furniture industry,
- Saddlery Departments,
- Automotive sector (wheel cover, windshield wipers, seat belt, lock, gear...)
- Dryers, ironing board,
- Lighting and chandelier accessories,
- Machinery and industrial products



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Product Information	
MATERIAL	Low Carbon and High Carbon Steel Wires
PRODUCT STANDARTS	TS EN 10218
RAW MATERIAL STANDARTS	TS 2348 EN 10016 (SAE 1006, SAE 1008, SAE 1010, SAE 1018)
QUALITY	Bright according to DIN EN 10016, 10216, 10217, 17223, 10025, 10263-2, 10263-3, 10263-4
COLD DRAWING	Processed on iron and steel based products
WIRE DIAMETER ø	1.50 mm - Ø 12 .00 mm
COIL WEIGHT kg	10 kg - 2000 kg

Industrial Spring Wires

It is used in the production of static or dynamic springs in the industrial area, produced for the manufacture of industrial springs used in many industries, including white goods, automotive and machinery industries. High strength and long service life are the most important reasons why these products are preferred. Surfaces can be electrogalvanized.

USAGE AREAS:

Manufacturers of white goods, textiles, kitchen and bathroom accessories, market shelves, product display stands, grills, stoves....



Product Information	
MATERIAL	High Carbon Wire
PRODUCT STANDARTS	TS 2500 EN 10270
RAW MATERIAL STANDARTS	TS 2348 EN 10016
QUALITY	PROCESSED ON IRON AND STEEL BASED PRODUCTS
WIRE DIAMETER ϕ	1.50 mm - ϕ 12 .00 mm
COIL WEIGHT kg	10 kg - 2000 kg

Electro Galvanized Wire



Plastic Buckets, Underground Cables, Armor Wires, Purse Sweepers, Highway Wires, Cage Wires, Stitching Wires, Staples, Paper Clips, Hangers, Spiral Notebook Wires are used.



Product Information	
PRODUCT STANDARTS	TS EN 10244, BS 443, DIN 1548
RAW MATERIAL STANDARTS	TS-2348-EN 10016-SAE 1006, SAE 1008, SAE 1010, SAE 1018, SAE 1030, SAE 1045, SAE 1060, SAE 1065
QUALITY ϕ	3.00 mm - 12.00 mm 100 - 3000 mm
WIRE DIAMETER kg	500-1000
COATING WEIGHT gr/m ²	3 μ (21gr/m ²) max 12 μ (85gr/m ²)
COATING TYPE	Electro galvanized
TENSILE STRENGTH N/mm ²	350-1800

Copper Coated Wire

In the packaging and printing sectors, sewing wires, staples, paper clips, tie wires; It can produce low carbon copper coated wire, which is preferred in the production of bale wires in the agricultural sector.



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Product Information	
MATERIAL	Low carbon steel wires chemically copper coated.
PRODUCT STANDARTS	TS EN 10244-6
RAW MATERIAL STANDARTS	TS 2348 EN 10016 (SAE 1006, SAE 1008, SAE 1010, SAE 1018, SG 1, SG2)
QUALITY	According to DIN EN 10016, 10216, 10217
WIRE DIAMETER ϕ	1.50 mm to 8.00 mm

Intermediate Annealed Steel Wire

Annealed wire is used as anchor wire in the construction industry. Annealed wire, which is flexible and robust, provides ease of use. It is used in general purpose baling operations in the manufacturing industry and in the recycling industry to bind scrap pieces such as cardboard, metal or paper for easier transportation in plants.



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Product Information	
PRODUCT DIAMETER (MM)	ϕ 1.20- ϕ 12.00
PRODUCT INNER DIAMETER (MM)	ϕ 300- ϕ 600- ϕ 700
PRODUCT WEIGHT (kg)	100-450
PRODUCT RAW MATERIAL	SAE 1008, SAE 1006, 20MnB4, QST 36/3, SAE 1006-C

Phosphated Wire

Phosphate wires are used in the manufacture of screws and bolts.

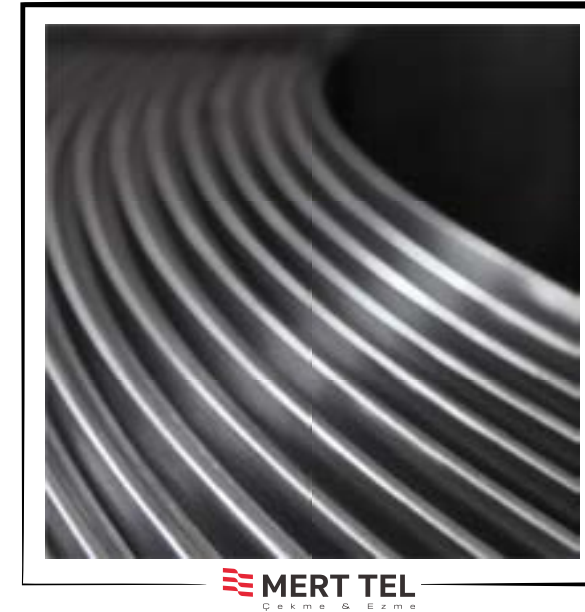


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Product Information	
PRODUCT STANDARD(MM)	EN 10218
QUALITY & RAW MATERIAL STANDARD	EN 10263-1, EN 10263-2 EN 10263-3 EN 10263-4 standarts of SAE 1008, SAE 1006, SAE1018 20MNB 4, CQ 15, QST36
DIAMETERS	Ø 1,00 mm - Ø 30,00 mm
PACKAGING	50 to 1000 kg coils

Chamfered Edge Cold Rolled Flat Steel Wire



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Product Information	
INSIDE DIAMETER (MM)	Ø400
OUTSIDE DIAMETER (MM)	Ø900-1100
ROLL WIDTH (MM)	Ø280-300
WEIGHT PER ROLL (KG)	1000-1500
RAW MATERIALS	SAE 1006, SAE 1008, QST 36/3, SAE 1006-C
QUALITY	EXT-A, A, B, C
THICKNESS (MM)	1.00-5.5
THICKNESS TOLERANCE (MM)	+0.03
WIDTH (MM)	3.00-18.00
WIDTH TOLERANCE (MM)	+0.08

Annealed Steel Wire

Annealed wire is used as anchor wire in the construction industry. Annealed wire, which is flexible and robust, provides ease of use. It is used in general purpose baling operations in the manufacturing industry and in the recycling industry to bind scrap pieces such as cardboard, metal or paper for easier transportation in plants.



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Product Information	
PRODUCT DIAMETER (MM)	Ø1.20-Ø 12.00
PRODUCT INNER DIAMETER (MM)	Ø300-Ø 600-Ø 700
PRODUCT WEIGHT (kg)	100-450
PRODUCT RAW MATERIAL	SAE 1008, SAE 1006, 20MnB4, QST 36/3, SAE 1006-C

Cut to Length Flat Steel Wire



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Product Information	
INSIDE DIAMETER (MM)	Ø400
OUTSIDE DIAMETER (MM)	Ø900-1100
ROLL WIDTH (MM)	Ø280-300
WEIGHT PER ROLL (KG)	1000-1500
RAW MATERIALS	SAE 1006, SAE 1008, QST 36/3, SAE 1006-C
QUALITY	EXT-A, A, B, C
THICKNESS (MM)	1.00-5.5
THICKNESS TOLERANCE (MM)	+0.03
WIDTH (MM)	3.00-18.00
WIDTH TOLERANCE (MM)	+0.08

Intermediate Annealed Wire

These are the wires obtained as a result of annealing and phosphating processes by cold rolling from imported and domestic wire rods.



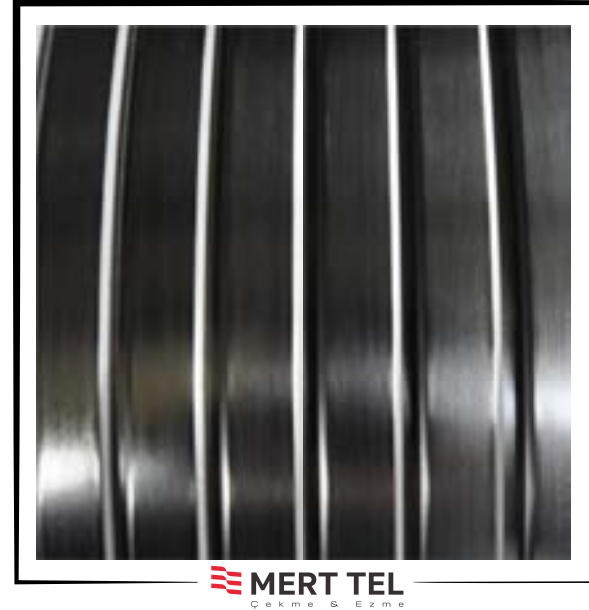
Product Information	
PRODUCT STANDARD(MM)	EN 10218
QUALITY & RAW MATERIAL STANDARD	EN 10263-1, EN 10263-2 EN 10263-3 EN 10263-4 standarts of SAE 1008, SAE 1006, SAE1018 20MNB 4, CQ 15, QST36
DIAMETER	Ø 1,00 mm - Ø 30,00 mm
PACKAGING	50 to 1000 kg coils

CNC Bending Wire



Product Information	
DIAMETERS	Ø2.00 - Ø 8.00 mm
SURFACE TYPES	Bright, Galvanised, Phosphated, Zinc, Nickel, Chrome etc.
AREAS OF USAGE	CNC Bending wire products of use automotive, furniture, lighting shelf stand, store decoration, kitchen and bathroom accessories, construction, chain manufacturing, green house manufacturing

Special Edge Cold Rolled Flat Steel Wire



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Product Information	
INSIDE DIAMETER (MM)	Ø400
OUTSIDE DIAMETER (MM)	Ø900-1100
ROLL WIDTH (MM)	Ø280-300
WEIGHT PER ROLL (KG)	1000-1500
RAW MATERIALS	SAE 1006, SAE 1008, QST 36/3, SAE 1006-C
QUALITY	EXT-A, A, B, C
THICKNESS (MM)	1.00-5.5
THICKNESS TOLERANCE (MM)	+0.03
WIDTH (MM)	3.00-18.00
WIDTH TOLERANCE (MM)	+0.08

Bright Drawn Steel Wire



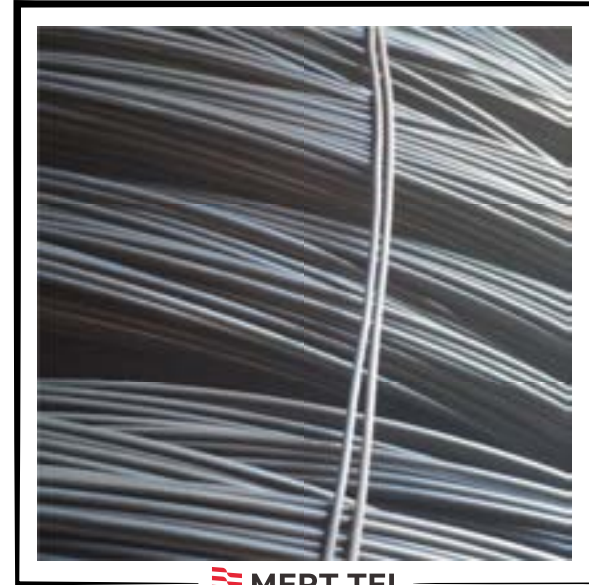
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Bright drawn steel wires are used in construction, textile, building materials, livestock and many other sectors. These wires, which have a smooth and high quality surface, are used for white goods, bathroom accessories, market shelves, etc. It is suitable for use in fields.

Product Information	
PRODUCT DIAMETER (MM)	Ø1.20-Ø 12.00
PRODUCT INNER DIAMETER (MM)	Ø300-Ø 600-Ø 700
PRODUCT WEIGHT (kg)	100-450
PRODUCT RAW MATERIAL	SAE 1008, SAE 1006, 20MnB4, QST 36/3, SAE 1006-C

Unannealed Steel Wire

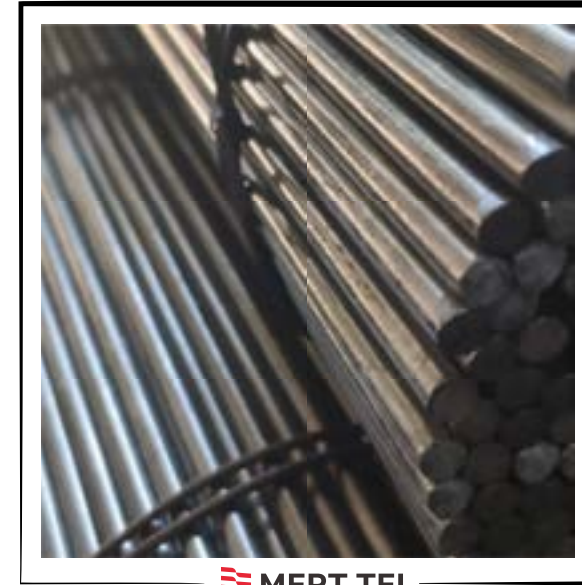


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Product Information	
PRODUCT DIAMETER (MM)	Ø1.20-Ø 12.00
PRODUCT INNER DIAMETER (MM)	Ø300-Ø 600-Ø 700
PRODUCT WEIGHT (kg)	100-450
PRODUCT RAW MATERIAL	SAE 1008, SAE 1006, 20MnB4, QST 36/3, SAE 1006-C

Cut to Length Steel Wire

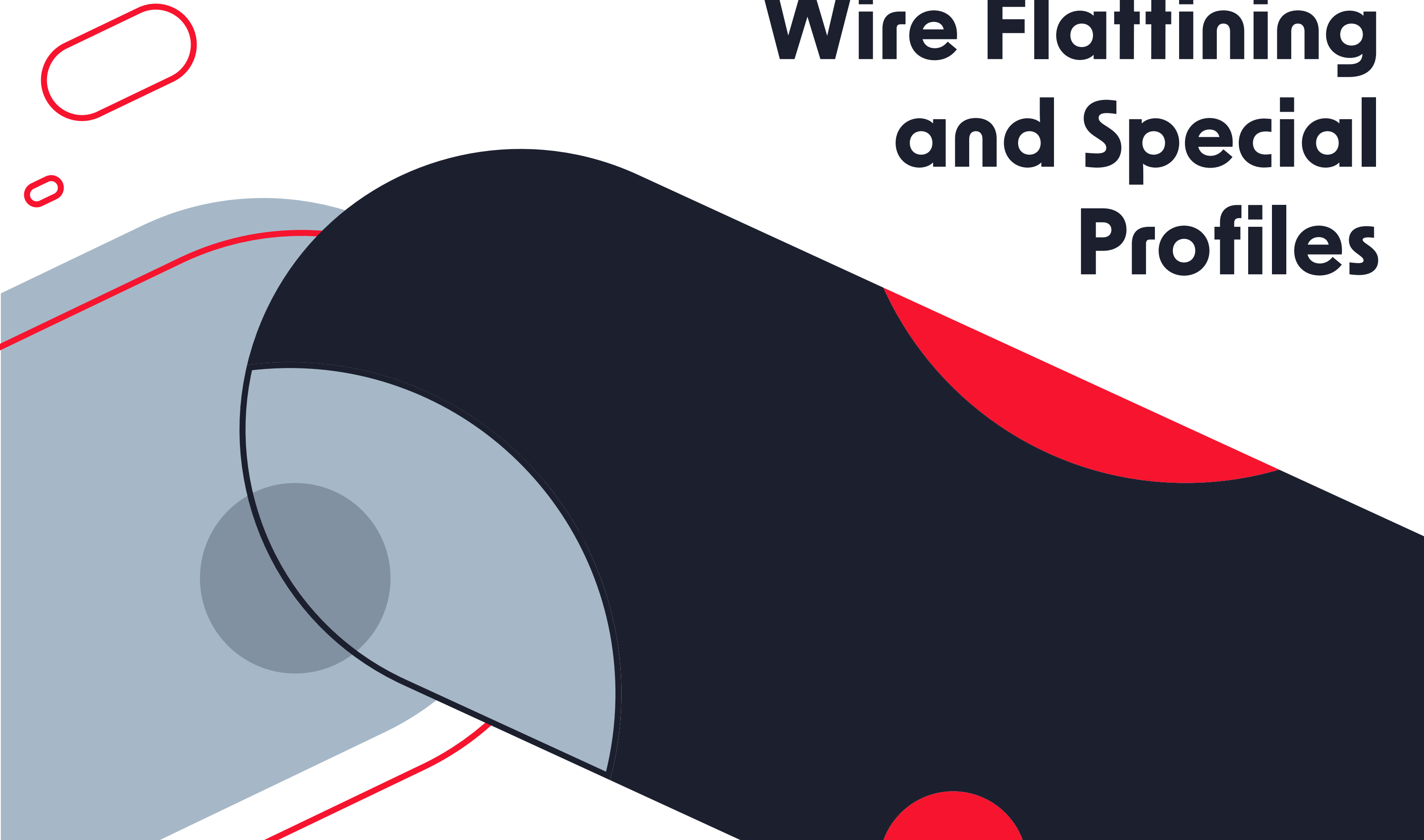


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Product Information	
PRODUCT DIAMETER (MM)	Ø1.20-Ø 12.00
PRODUCT INNER DIAMETER (MM)	Ø300-Ø 600-Ø 700
PRODUCT WEIGHT (kg)	100-450
PRODUCT RAW MATERIAL	SAE 1008, SAE 1006, 20MnB4, QST 36/3, SAE 1006-C

Wire Flattening and Special Profiles



Pentagonal, Triangular and Special Profiles Flat Wire

In facilities of MERT TEL known as having various production lines, lots of cold formed and flattened steel wires like square flat wire, flat wire, half round wire (D profile), diagonal flat wire, triangular profile, hexagonal allen wrench, pentagonal profile, knurled flat wire, etc. can also be produced.

These types of products are used in manufacturing of furniture and decoration items, stands, various metal accessories, ironing boards, automobile keys and allen wrenches.



Flat Wire & Cold Drawn Steel Wire

In facilities of MERT TEL known as having various production lines, lots of cold formed and flattened steel wires like square flat wire, flat wire, half round wire (D profile), diagonal flat wire, triangular profile, hexagonal allen wrench, pentagonal profile, knurled flat wire, etc. can also be produced.

These types of products are used in manufacturing of furniture and decoration items, stands, various metal accessories, ironing boards, automobile keys and allen wrenches.



Hexagonal Flat Wire

In facilities of MERT TEL known as having various production lines, lots of cold formed and flatted steel wires like square flat wire, flat wire, half round wire (D profile), diagonal flat wire, triangular profile, hexagonal allen wrench, pentagonal profile, knurled flat wire, etc. can also be produced.

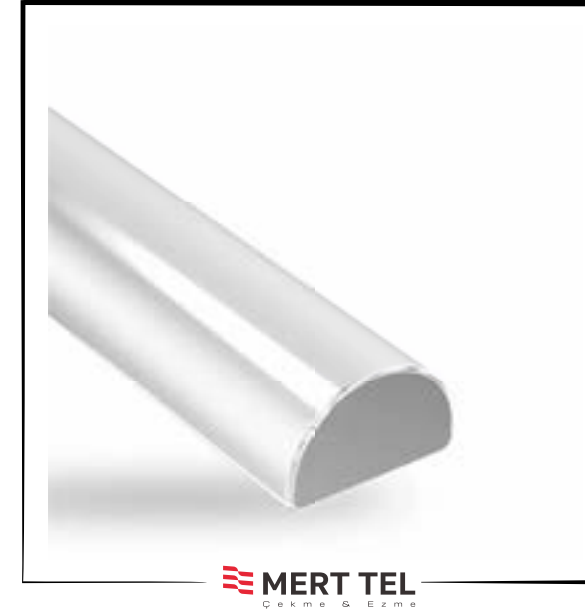
These types of products are used in manufacturing of furniture and decoration items, stands, various metal accessories, ironing boards, automobile keys and allen wrenches..



Half-Round Wire

In facilities of MERT TEL known as having various production lines, lots of cold formed and flatted steel wires like square flat wire, flat wire, half round wire (D profile), diagonal flat wire, triangular profile, hexagonal allen wrench, pentagonal profile, knurled flat wire, etc. can also be produced.

These types of products are used in manufacturing of furniture and decoration items, stands, various metal accessories, ironing boards, automobile keys and allen wrenches.



Square Flat Wire

In facilities of MERT TEL known as having various production lines, lots of cold formed and flatted steel wires like square flat wire, flat wire, half round wire (D profile), diagonal flat wire, triangular profile, hexagonal allen wrench, pentagonal profile, knurled flat wire, etc. can also be produced. These types of products are used in manufacturing of furniture and decoration items, stands, various metal accessories, ironing boards, automobile keys and allen wrenches.



Pentagonal Profiled Wire

In facilities of MERT TEL known as having various production lines, lots of cold formed and flatted steel wires like square flat wire, flat wire, half round wire (D profile), diagonal flat wire, triangular profile, hexagonal allen wrench, pentagonal profile, knurled flat wire, etc. can also be produced. These types of products are used in manufacturing of furniture and decoration items, stands, various metal accessories, ironing boards, automobile keys and allen wrenches.





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