

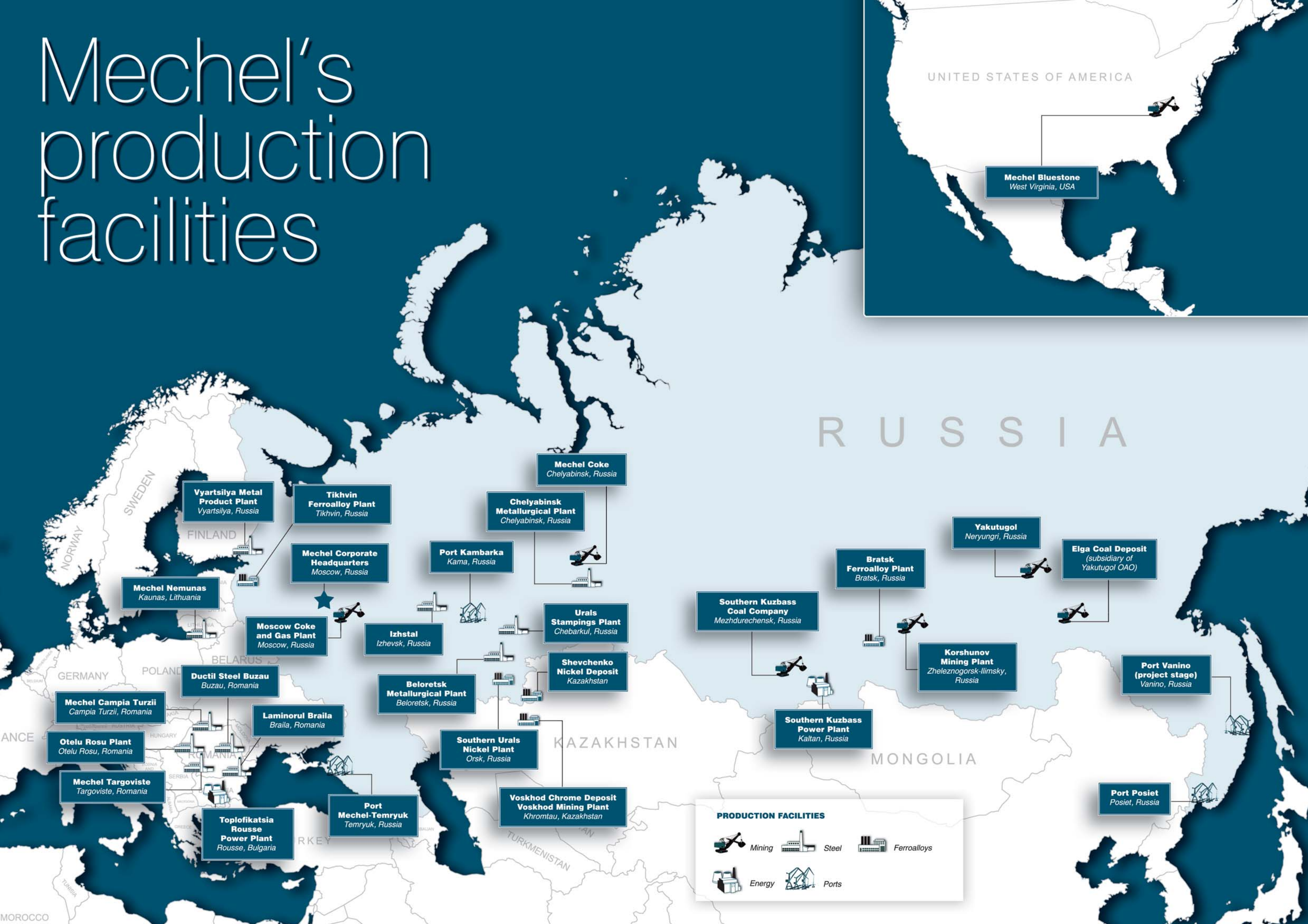
Hardware

CATALOGUE 2011



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Mechel's production facilities



Information about Mechel

and its hardware producers

Founded in 2003, Mechel is one of Russia's leaders in both mining and steelmaking. The company comprises producers of coal, iron ore concentrate, ferroalloys, steel, rolled steel, hardware, heat and electric power. Mechel's production enterprises operate in 13 regions of Russia, the USA, Kazakhstan, Bulgaria, Romania, and Lithuania. Mechel also owns three trading ports and its own transport operator. Mechel markets its products both domestically and internationally.

The company's steel facilities produce and supply steel billets, carbon and special steel long products, carbon and stainless steel flat products (including high added value steel products, such as closed die and open die forgings). The company can also produce various grades of steel within these groups of products to meet the specific demands of individual customers.

The following Mechel-owned facilities are engaged in hardware production bound for export:

Beloretsk Metallurgical Plant

Beloretsk, Republic of Bashkortostan, Russia

Beloretsk Metallurgical Plant is one of Russia's three leading manufacturers of hardware goods. The plant's product range includes steel wire of quality steel grades: carbon, alloyed and stainless. BMP is the top Russian producer of high-strength wire 4.0-5.0 mm in diameter, indented wire, welding wire, spring wire, rope wire and strands. In 2010 BMP increased its share in the market of ropes, high-strength wire 3.0 mm in diameter, wire of common quality. Since 2003 Beloretsk Metallurgical Plant has been certified as compliant with the international 9001 quality management standard.



Mechel Campia Turzii

Campia Turzii, Romania

Mechel Campia Turzii is a producer of reinforcing steel products, wire rod and hardware – various types of wire, ropes, strands, meshes, welding electrodes and fibre. Mechel Campia Turzii is ISO 9001:2008 compliant. In May 2002 the facility earned an ISO 14001:2004 environmental certification, while its products earned both local and international certificates.



Mechel Nemunas

Kaunas, Lithuania

Mechel Nemunas is a steel facility specializing in hardware production. The plant's product range includes wire, nails and mesh. Products are mostly supplied to EU-based customers.

Ductil Steel Buzau

Buzau, Romania

Ductil Steel Buzau produces carbon and low-alloyed rolled steel and hardware. Steel and bloom for the plant are supplied by other Mechel facilities in Romania — Ductil Steel Otelu Rosu (Otelu Rosu, Romania) and Mechel Targoviste. The plant produces a wide range of hardware — various types of wire (cold-drawn wire, bright and black annealed wire, galvanized, PVC-coated wire), mesh (welded and braided mesh, and mesh for decorative fences). The plant is Romania's leading welded mesh manufacturer. The company is certified as compliant with the international 9001:2008 quality management standard, as well as with the 14001:2004 international environment management standard. Its products earned Romanian and international certificates.

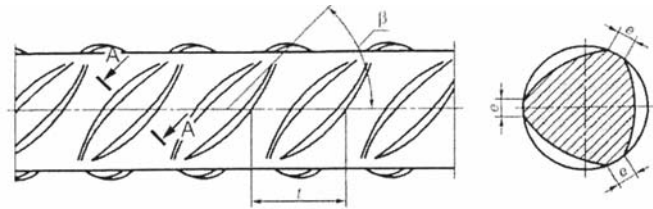
Mesh reinforcement

| Product | Dimensions, mm | | | Yield strength, N/mm ² | Standard | Producer |
|----------------------------------|----------------|--|--------------------|-----------------------------------|--|----------------------|
| | Wire | Mesh | | | | |
| | Diameter | Mesh width | Panel size | | | |
| Welded mesh from galvanized wire | 3.5–5.0 | 50x100; 100x100; 150x150; 200x200 | up to 6000x2450 | – | SR 438–3 | DUCTIL STEEL BUZAU |
| Ribbed wire welded mesh | 4.0–10.0 | | | min 510 | SR 438–3; DIN 488 | MECHEL CAMPIA TURZII |
| | 4.0–7.0 | 100x100; 150x150 | up to 6000x2150 | min 500 | SR 438–3/1998; MSZ 982:1987; CSN 42 0139 | |

Packing and delivery requirements

| Producers | Packing |
|----------------------|--------------------------|
| DUCTIL STEEL BUZAU | in bundles up to 2000 kg |
| MECHEL CAMPIA TURZII | in bundles up to 2000 kg |

Cold formed reinforcing steel B 500 C



Figure

Cold formed reinforcing steel B 500 C

| Nominal dimensions, mm | | | | Nominal mass, g/m | Yield strength, N/mm ² | Tensile strength, N/mm ² | Standard | Packing and delivery requirements | Producer |
|------------------------|------------------------------|-----------------------------|--|-------------------|-----------------------------------|-------------------------------------|----------|--|-----------------------------|
| Diameter | Height of transversal rib, h | Pitch of transversal rib, t | Summary distance between transversal rib ends $\sum e_i$, max | | | | | | |
| 5.0 | 0.32 | 4.0 | 3.14 | 154.0 | min 460 | min 510 | SR 438/4 | bobbin mass 2000 kg ID 600–620 mm OD 1000–1150 mm H (height) 770–800 mm | DUCTIL STEEL BUZAU |
| 6.0 | 0.40 | 5.0 | 3.77 | 222.0 | | | | | |
| 7.0 | 0.46 | 5.0 | 4.40 | 302.0 | | | | | |
| 8.0 | 0.55 | 6.0 | 5.02 | 395.0 | | | | | |
| 9.0 | 0.75 | 7.0 | 5.65 | 499.0 | | | | | |
| 10.0 | 0.75 | 7.0 | 6.28 | 617.0 | | | | | |
| 4.0 | 0.30 | 4.0 | 2.51 | 99.0 | | | | coils from collapsable spool of mass 1500–5000 kg ID 600 mm OD up to 1350 mm H (height) 820 mm | MECHEL CAMPIA TURZII |
| 5.0 | 0.32 | 4.0 | 3.14 | 154.0 | | | | | |
| 6.0 | 0.40 | 5.0 | 3.77 | 222.0 | | | | | |
| 7.0 | 0.46 | 5.0 | 4.40 | 302.0 | | | | | |
| 8.0 | 0.55 | 6.0 | 5.02 | 395.0 | | | | | |
| 10.0 | 0.75 | 7.0 | 5.65 | 499.0 | | | | | |
| 12.0 | 0.97 | 8.0 | 7.54 | 888.0 | | | | | |

2

Steel wire for reinforcement prestressed concrete construction

2

Steel wire for fibre production

STEEL WIRE FOR REINFORCEMENT PRESTRESSED CONCRETE CONSTRUCTION

| Product | Nominal bar diameter, mm | Tensile strength, N/mm ² | Standard | Packing and delivery requirements | Producer |
|--|--------------------------|-------------------------------------|-----------------------------------|---|-------------------------------|
| Stabilized unalloyed steel wire with three sided profile | 4.0 ; 5.0; 6.0 ; 7.0 | 1670; 1770 | pr EN 10138-2: 2006 | coils from collapsable spool of mass up to 2500 kg | BELORETSK METALLURGICAL PLANT |
| Tempered carbon steel wire for reinforcement prestressed concrete construction | 2.5 | 1910 | STAS 6482/2-80; STAS 6482/3-80 | coil mass 100-800 kg no packing or packed in crepe paper or jute hessians | MECHEL CAMPIA TURZII |
| | 3.0 | 1860 | | | |
| | 4.0 | 1720 | | | |
| | 5.0 | 1670 | | | |
| | 6.0 | 1620 | | | |
| | 7.0 | 1570 | | | |

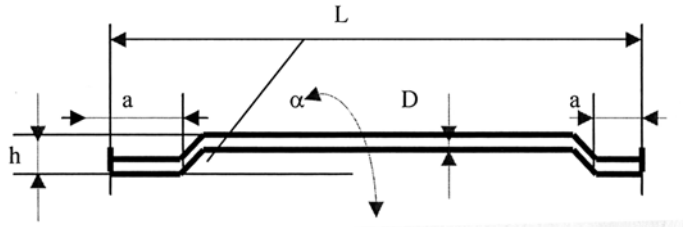
STEEL WIRE FOR FIBRE PRODUCTION

| Product | Nominal bar diameter, mm | Tensile strength, N/mm ² | Standard | Steel grade | Packing and delivery requirements | Producer |
|-----------------------|--------------------------|---|------------|---|---|----------------------|
| Cold-drawn steel wire | 0.3-1.2 | 1000-1500 (Class I); 1500-2000 (Class II); min 2000 (Class III) | EN 10218-2 | C4D; C7D as per EN 10016-2 SAE 1006; SAE 1008 as per ASTM A510M | ∅ 0.3-0.7 mm: coil mass 20-40 kg or spool type BS60 mass 25 kg; ∅ 0.7-1.2 mm: coil type Z2 mass 400 kg; coil type Z3 mass 1000 kg | MECHEL CAMPIA TURZII |
| Steel wire | 0.9-1.2 | 1000-3000 | EN 10218-2 | SAE 1008; SAE 1006; SAE 1008 as per ASTM A510M | coil mass 500-1000 kg ID 360 mm OD 750 mm H (height) 480 mm taper angle 1-3°; coil mass 800-1000 kg ID 400 mm OD 800 mm H (height) 480 mm taper angle 1-3° | MECHEL NEMUNAS |

Fibre for concrete

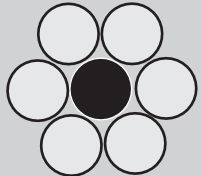
Strand for fibre concrete

FIBRE FOR CONCRETE



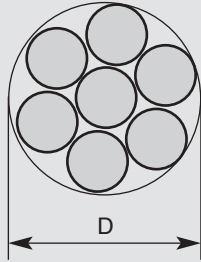
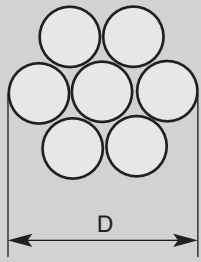
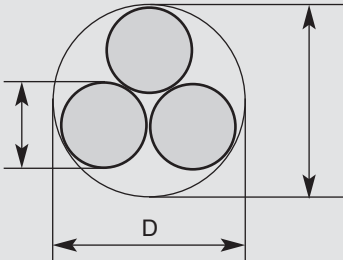
| Product | Diameter (D), mm | Length (L), mm | Tensile strength, N/mm ² | Standard | Steel grade | Packing and delivery requirements | Producer |
|-------------|---------------------------|----------------|-------------------------------------|------------|--|--|-----------------------------|
| Steel fibre | 0.80; 1.00; 1.05; 1.20 | 50.0 | 1200 | EN 14889-1 | C4D; C7D as per EN 10016-2 SAE 1006; SAE 1008 as per ASTM A510M | sack mass 20 kg (placed on euro-pallet) | MECHEL CAMPIA TURZII |
| | 1.0x50.0 | | 1000-1300 | | SAE1006; SAE1008 | sack mass 20 kg; sack mass 1000 kg; box mass 20 kg | MECHEL NEMUNAS |

STRAND FOR FIBRE CONCRETE

| Product | Construction | Diameter, mm | Length of lay, mm | Standard | Packing and delivery requirements | Producer |
|--|--------------|--------------|-------------------|---|-----------------------------------|---------------------------|
| Single-lay strand of annealed black/hot-dipped galvanized low-carbon wire  | 6x1.25 | 3.75 | 55.0 | as per Producer's technical specification | coil mass 30-50 kg | DUCTIL STEEL BUZAU |

Strand for reinforcement

Strand for reinforcement

| Product | Diameter (D), mm | Tolerance (AD), mm | Breaking strength, min, kN | Tensile strength, N/mm ² | | Standard | Packing and delivery requirements | Producer |
|--|------------------|--------------------|----------------------------|-------------------------------------|--|---------------------|---|--------------------------------------|
| 7-wire strand, stabilized  | 9.00–15.70 | +0.04 -0.04 | 88.50–314.00 | 1770; 1860 | | pr EN 10138–3: 2006 | coils from collapsable spool of mass up to 4000 kg with laying of wraps | BELORETSK METALLURGICAL PLANT |
| 7-wire strand, tempered  | 9.10 | +0.46 -0.18 | 88.29 | 1670; 1760 | | STAS 6482/4–80 | coil mass 1000–3000 kg with at least six bundles and packed in crepe paper or jute hessians | MECHEL CAMPIA TURZII |
| | 12.20 | +0.61 -0.24 | 147.15 | | | | | |
| 3-wire strand, tempered  | 6.50 | +0.40 -0.10 | 36.70 | 1570 | | SF 140–06 | coil mass 800–1200 kg on shell or drum packing on agreement | MECHEL CAMPIA TURZII |
| | 8.00 | +0.40 -0.10 | 54.00 | 1470 | | | | |

Welding wire

Electrodes

WELDING WIRE

| Product | Diameter, mm | Standard for steel product | Steel grade | Standard for chemical composition | Product application | Packing and delivery requirements | Producer |
|--|---------------|---|-------------|---|--------------------------------------|--|-------------------------------------|
| Welding wire | 0.8–5.0 | EN 756; AWS A 5.17: EL12+6 | S10 | STAS 1126; EN 756-1 | for welding | coil mass 80–150 kg | MECHEL CAMPIA TURZII |
| Welding coppered and chemically polished wire (with special overcoating) | 0.8–1.6 | EN ISO 14341–2008; EN ISO 13479–2006 | G3Si1 | EN ISO 14341–2008; EN ISO 13479–2006 | for welding in protective atmosphere | spool K300 of mass 15 kg | |
| | 0.8; 1.0; 1.2 | EN ISO 14341:2008 | | EN ISO 14341:2008 | | spool types K–300 and D–300 wire mass 15–18 kg spool D–200 wire mass up to 5 kg | BELORETSK METALLURGICAL PLANT |

ELECTRODES FOR WELDING OF CARBON AND LOW-ALLOYED STEELS

| Product | Chemical composition, % | | | | | Dimensions, mm (diameter-length) | Standard for steel product | Packing and delivery requirements | Producer |
|------------|-------------------------|-----------|----------|-----------|-----------|--|--|---|-------------------------|
| | C | Mn | Si | P | S | | | | |
| E 44C | max 0.11 | 0.35–0.70 | max 0.55 | max 0.040 | max 0.040 | 2.0–300.0 2.5–350.0 (300.0) 3.25–350.0 (450.0) 4.0–350.0 (450.0) 5.0–450.0 | EN ISO 2560–2006: E 35 A RC 11; AWS A5.1–91: E 6012 | 4–5 kg carton box | MECHEL CAMPIA TURZII |
| ELISTIT 38 | max 0.12 | 0.30–0.70 | max 0.50 | max 0.040 | max 0.040 | 2.0–300.0 2.5–300.0 (350.0) 3.25–350.0 (450.0) 4.0–350.0 (450.0) 5.0–450.0 | EN ISO 2560–2006: E 38 A RR 12; AWS A5.1–91: E 6013 | 20 kg sack packed in corrugated cardboard and placed on euro-pallet | |

Electrodes

Electrodes

ELECTRODES FOR WELDING OF CARBON AND LOW-ALLOYED STEELS

| Product | Chemical composition, % | | | | | Dimensions, mm (diameter-length) | Standard for steel product | Packing and delivery requirements | Producer |
|---------------------------|-------------------------|-----------|----------|-----------|-----------|--|---|--|---------------------------------|
| | C | Mn | Si | P | S | | | | |
| E 44T | max 0.11 | 0.30–0.60 | max 0.40 | max 0.045 | max 0.040 | 2.0–300.0 2.5–350.0 (300.0) 3.25–350.0 (450.0) 4.0–350.0 (450.0) 5.0–450.0 | EN ISO 2560–2006: E 35 A RA 12; AWS A5.1–91: E 6012 | 4–5 kg carton box 20 kg sack packed in corrugated cardboard and placed on euro-pallet | MECHEL CAMPIA TURZII |
| E 48T FAVORIT | max 0.10 | 0.30–0.60 | max 0.35 | max 0.040 | max 0.040 | | EN ISO 2560–2006: E 38 0 R 12; DIN 1913: E 43 32 R 3; AWS A 5.1–91: E 6013 | | |
| E 48T superextra | max 0.11 | 0.30–0.70 | max 0.45 | max 0.040 | max 0.040 | | EN ISO 2560–2006; EN ISO 2560–2006: E 38 0 RC 11; DIN 1913: E 43 22 R (C)3; AWS A 5.1–91: E 6013 | | |
| E 50 FAVORIT SUDOX | max 0.10 | 0.40–0.70 | max 0.40 | max 0.040 | max 0.040 | | EN ISO 2560–2006: E 42 0 RR 12; DIN 1913: E 43 32 R 3; AWS A 5.1–91: E 6013 | | |
| E 51 B D-PRINS | max 0.11 | 0.70–1.40 | max 0.80 | max 0.035 | max 0.030 | | EN ISO 2560–2006: E 42 3 B42 H10; DIN 1913: E 51 54 B 20; AWS A 5.1–91: E 7018 | | |

ELECTRODES FOR WELDING HIGH-STRENGTH STEELS AT HIGH TEMPERATURE

Rutile type

| Product | Chemical composition, % | | | | | | | | Dimensions, mm (diameter-length) | Standard for steel product | Packing and delivery requirements | Producer |
|-----------------|-------------------------|---------------|-------------|--------------|--------------|---------------|---------------|---|---|---|---|---------------------------------|
| | C | Mn | Si | P | S | Mo | Cr | V | | | | |
| E MoT | max 0.10 | 0.40– 0.90 | max 0.80 | max 0.030 | max 0.025 | 0.40– 0.70 | – | – | 2.5–350.0 3.25–350.0 4.0–350.0 5.0–450.0 | EN 1599–99: E Mo R 12; AWS A5.5–96: E 7012–A1 | 4–5 kg carton box | MECHEL CAMPIA TURZII |
| E MoCr1T | 0.05– 0.12 | 0.40– 0.90 | max 0.80 | max 0.030 | max 0.025 | 0.45– 0.70 | 0.90– 1.40 | – | | EN 1599–99: E CrMo1 R 12; AWS A5.5–96: E 8016–B2 | 20 kg sack packed in corrugated cardboard and placed on euro-pallet | |

Base type

| Product | Chemical composition, % | | | | | | | | Dimensions, mm (diameter-length) | Standard for steel product | Packing and delivery requirements | Producer |
|-----------------|-------------------------|---------------|-------------|--------------|--------------|---------------|---------------|---|---|---|--|---------------------------------|
| | C | Mn | Si | P | S | Mo | Cr | V | | | | |
| E MoB | max 0.10 | 0.70– 1.50 | max 0.80 | max 0.030 | max 0.025 | 0.40– 0.70 | – | – | 2.5–350.0 3.25–350.0 4.0–350.0 5.0–450.0 | EN 1599–99: E Mo B 22; AWS A5.5–96: E 7015–A1 | 4–5 kg carton box 20 kg sack packed in corrugated cardboard and placed on euro-pallet | MECHEL CAMPIA TURZII |
| E MoCrB | 0.05– 0.12 | 0.70– 1.50 | max 0.80 | max 0.030 | max 0.025 | 0.40– 0.65 | 0.40– 0.65 | – | | EN 1599–99: E Cr Mo 0.5 B 22; AWS A5.5–96: E 8016–B1 | | |
| E MoCr1B | 0.05– 0.12 | 0.70– 1.50 | max 0.80 | max 0.030 | max 0.025 | 0.45– 0.70 | 0.90– 1.40 | – | | EN 1599–99: E Cr Mo 1 B 22; AWS A5.5–96: E 8016–B2 | | |

ELECTRODES FOR WELDING HIGH-STRENGTH STEELS AT HIGH TEMPERATURE

Base type

| Product | Chemical composition, % | | | | | | | | Dimensions, mm (diameter-length) | Standard for steel product | Packing and delivery requirements | Producer |
|------------------|-------------------------|---------------|-------------|--------------|--------------|---------------|---------------|---------------|---|--|-----------------------------------|----------|
| | C | Mn | Si | P | S | Mo | Cr | V | | | | |
| E Mo1Cr2B | 0.05– 0.12 | 0.40– 1.30 | max 0.80 | max 0.030 | max 0.025 | 0.90– 1.30 | 2.00– 2.60 | – | EN 1599–99: E Cr Mo 2 B 22; AWS A5.5–96: E 9015–B3 | 4–5 kg carton box 20 kg sack packed in corrugated cardboard and placed on euro-pallet | MECHEL CAMPIA TURZII | |
| E VMoCr1B | 0.05– 0.12 | 0.70– 1.50 | max 0.80 | max 0.030 | max 0.025 | 0.40– 0.70 | 0.90– 1.30 | 0.10– 0.35 | EN 1599–99: E Cr Mo V 1 B 22 | | | |
| E VMoCr5B | 0.03– 0.12 | 0.40– 1.50 | max 0.80 | max 0.025 | max 0.025 | 0.40– 0.70 | 4.00– 6.00 | 0.10– 0.35 | EN 1599–99: E Cr Mo V 5 B 22 | | | |

FACING ELECTRODES

Rutile type

| Product | Chemical composition, % | | | | | | | | Dimensions, mm (diameter-length) | Standard for steel product | Packing and delivery requirements | Producer |
|---------------|-------------------------|-------|-------|---|---|----|-------|---|--|--|-----------------------------------|----------|
| | C | Mn | Si | P | S | Mo | Cr | V | | | | |
| Ei 25T | ≈0.15 | ≈0.60 | ≈0.50 | – | – | – | ≈0.60 | – | STAS 1125/6–90: EH1.C01.Cr05.250.R.2.2; DIN 8555/1962: E1–UM–250 | 4–5 kg carton box 20 kg sack packed in corrugated cardboard and placed on euro-pallet | MECHEL CAMPIA TURZII | |
| Ei 40T | ≈0.20 | ≈1.20 | ≈0.50 | – | – | – | ≈1.70 | – | STAS 1125/6–90: EH1.C02.Cr1.5.400.R.2.2; DIN 8555/1962: E1–UM–45 | | | |

FACING ELECTRODES

Base type

| Product | Chemical composition, % | | | | | | | | Dimensions, mm (diameter-length) | Standard for steel product | Packing and delivery requirements | Producer |
|------------------|-------------------------|--------------|--------------|-------------|-------------|-------|--------------|-------|--|--|-----------------------------------|----------|
| | C | Mn | Si | P | S | Mo | Cr | V | | | | |
| Ei 25B | ≈0.15 | ≈1.60 | – | – | – | – | ≈1.00 | – | STAS 1125/6–90: EH1.C02.Cr1.250.B.2.0; DIN 8556/1976: E1–UM–300 | 4–5 kg carton box 20 kg sack packed in corrugated cardboard and placed on euro-pallet | MECHEL CAMPIA TURZII | |
| Ei 40B | ≈0.25 | ≈2.00 | ≈1.70 | – | – | – | – | – | STAS 1125/6–90: EH1.C02.Mn2.Cr2.400.B.2.0; DIN 8555/1962: E2–UM–50–TZ | | | |
| Ei Cr2Mo | ≈0.60 | ≈2.00 | ≈0.80 | – | – | ≈0.60 | ≈2.00 | – | STAS 1125/6–90: EH2.C06.Mn2.Cr2.Mo05.500.B.2.0; DIN 8555/1962: E2–UM–50–TZ | | | |
| Ei Cr2VS | ≈0.80 | ≈0.80 | ≈1.30 | – | – | – | ≈2.00 | ≈0.20 | STAS 1125/6–90: EH2.C08.Cr2.V02.550.B.2.0; DIN 8555/1962: E2–UM–55 | | | |
| Ei Cr4B | max 0.15 | 0.60 1.00 | 0.40 0.70 | max 0.04 | max 0.04 | – | 3.50 4.50 | – | SF 150–2007: EH1.C01.Cr4.400.B.2.0 | | | |
| Ei Cr4S | ≈0.70 | ≈0.80 | ≈1.30 | – | – | – | ≈4.20 | – | STAS 1125/6–90: EH6.C06.Cr4.500.B.2.0; DIN 8555/1962: E6–UM–50–G | | | |
| Ei Cr9Si3 | ≈0.60 | ≈0.80 | ≈3.00 | – | – | ≈0.40 | ≈9.70 | – | STAS 1125/6–90: EH6.C06.Cr9.Si3.500.B.3; DIN 8555/1962: E6–UM–50–G | | | |
| Ei Cr12 | ≈0.20 | ≈0.70 | ≈0.40 | – | – | – | ≈12.00 | – | STAS 1125/6–90: EH5.C02.Cr12.400.B.2.0; DIN 8555/1962: E5–UM–400–CT | | | |
| Ei Cr13C | ≈2.00 | ≈0.80 | ≈0.40 | – | – | ≈0.40 | ≈13.00 | – | STAS 1125/6–90: EH10.C2.Cr13.700.TB.3.0; DIN 8555/1962: E10–UM–60–CGS | | | |

Steel wire

Steel wire

PATENTED COLD-DRAWN UNALLOYED STEEL WIRE

| Product | Diameter, mm | Tensile strength, N/mm ² | Standard for steel product | Steel grade | Standard for chemical composition | Product application | Packing and delivery requirements | Producer |
|-----------------------------|--------------|-------------------------------------|---|--|-----------------------------------|-----------------------|--|--|
| Spring unalloyed steel wire | 0.3–7.0 | 1080–2600 | EN 17270–1; GOST 9389 | C56D2–C76D2 | EN 10016–4 | for furniture springs | Ø 0.3–0.7 mm: coil mass 20–40 kg Ø 0.7–1.4 mm: coil mass 70–100 kg Ø 1.4–3.5 mm: coil mass 150–200 kg Ø 3.5–7.0 mm: coil mass 200–400 kg or coil Z3 mass 700–1400 kg | MECHEL CAMPIA TURZII |
| | 1.4–3.8 | 1650–1850 | EN 10270–1 (Class SM; SL, Class II) | medium and high-carbon steel | EN 10270–1 | | coil mass 600–900 kg | MECHEL NEMUNAS |
| | 0.3–6.0 | according to EN 10270–1 | EN 10270–1 | medium-carbon steel high-carbon steel tool steel | EN ISO 4957 | for springs | coil mass up to 250 kg ID 150–550 mm OD 250–900 mm; coils from collapsable spool of mass up to 1000 kg ID 400–450 mm OD 700–850 mm; coil mass up to 850 kg with pattern laying ID 420–480 mm OD 700–800 mm | BELORETSK METALLURGICAL PLANT |

5

Zink-coated steel core wire for use in electrical conductors and cable armouring

6

Polished bars from low-alloyed and high-speed steels

ZINK-COATED STEEL CORE WIRE FOR USE IN ELECTRICAL CONDUCTORS AND CABLE ARMOURING

| Product | Diameter, mm | Standard for steel product | Steel grade | | Standard for chemical composition | Product application | Packing and delivery requirements | Producer |
|------------------------|--------------|---|-------------|--|-----------------------------------|---|-----------------------------------|---------------------------------|
| Zink-coated steel wire | 1.5–3.8 | GOST 9850–72; SR EN 50189; ASTM B 498 | C56D2–C68D2 | | EN 10016–4 | for bare cores and steel-cored aluminum wires | coil (type Z2) mass 300–350 kg | MECHEL CAMPIA TURZII |

POLISHED BARS FROM LOW-ALLOYED AND HIGH-SPEED STEELS

| Product | Diameter, mm | Standard for steel product | Steel grade | | Standard for chemical composition | Product application | Packing and delivery requirements | Producer |
|---------------------------------------|--------------|----------------------------|-----------------------------------|--|---|--|---|--|
| Polished bars from low-alloyed steels | 1.0–14.0 | ASTM 681 | A2; O1; O2; H13; S5; S7; L6 | | ASTM 681 | for cutting and stamping tools and machine parts | length bar up to 6 m coil mass up to 1000 kg | BELORETSK METALLURGICAL PLANT |
| | | | W1–A; W1–C | | ASTM 686 | | | |
| Polished bars from high-speed steels | 1.0–14.0 | ASTM A600 | M1; M2; M7; T1 | | as per Producer's technical specification | for cutting tool | | |
| | | EN ISO 4957 | 1.3243; 1.3343; 1.3390; 1.3392 | | | | | |

Steel mesh

Steel mesh

| Product | Mesh No. | Dimensions | | | Mass of 1 m ² , kg | Steel grade | | Standard for steel product | Product application | Packing and delivery requirements | Producer |
|---|----------|--|---|------------------------------|-------------------------------|------------------------------|-----------------------|--|---------------------------|-----------------------------------|----------|
| | | Wire diameter, mm | Coil width, mm | Coil length, m | | | | | | | |
| Uncoated mesh from low-carbon heat untreated wire | 25 | 2.0 | 800–2000 | 10.0; 12.5; 15.0; 20.0; 25.0 | 2.15 | C4D; C7D; SAE1006; SAE1008 | EN 10223–6 | for fences, thermal protection, reinforcement of mine openings, material screening | coils, 10-coil bundle | MECHEL NEMUNAS | |
| | 25 | 2.5 | | | 3.36 | | | | | | |
| | 35 | 2.0 | | | 1.56 | | | | | | |
| | 35 | 2.5 | | | 2.32 | | | | | | |
| | 45 | 2.2 | | | 1.45 | | | | | | |
| | 45 | 2.5 | | | 1.87 | | | | | | |
| Mesh from low-carbon zinc-coated wire | 45 | 3.0 | 800–2000 | 10.0; 12.5; 15.0; 20.0; 25.0 | 2.57 | C4D; C7D; SAE 1006; SAE 1008 | EN 10223–6 | for fences, thermal protection, reinforcement of mine openings, material screening | coils, 10-coil bundle | MECHEL NEMUNAS | |
| | 50 | 2.2 | | | 1.25 | | | | | | |
| | 50 | 2.5 | | | 1.61 | | | | | | |
| | 50 | 3.0 | | | 2.3 | | | | | | |
| | 60 | 3.0 | | | 1.9 | | | | | | |
| Mesh grid of galvanized wire and galvanized wire PVC coated | 50 | 1.8–2.0 (uncoated) 2.5–3.2 (PVC coated) | 1000–2000 | 25.0 | 0.87–1.08 | C4D; C7D; SAE 1006; SAE 1008 | EN 10223–6; STAS 2543 | for decorative fences | coil mass 23–46 kg | DUCTIL STEEL BUZAU | |
| Welded mesh of galvanized wire | 50 | 4.4; 5.0 | Panel height: 885; 1085; 1560; 1760; 2035 | Panel length: 2.5 | – | | EN 10223–7 | | bundle mass up to 2000 kg | | |

Coil ends are packed with paper. Coil size on agreement

Wire and bright steel bars
of common steel grades

Wire and bright steel bars of common steel grades

| Product | Dimensions, mm | Tensile strength, N/mm ² | Standard for steel product | Steel grade | Standard for chemical composition | Product application | Packing and delivery requirements | Producer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|-------------------------------------|----------------------------|--------------------|-----------------------------------|--|---|-----------------------------|---|------------|---|----------------------|--------------------|---------------------|--|--|--|---|-----------------------------|--------------------|-------------|---|-----------|--------------------|---------------------|------------|--|--|---|-----------------------------|--------------------|-------------|------------|----------|--------------------|
| Bright annealed low-carbon steel wire | ∅ 0.9–1.4 | max 450 | EN 10218 | C4D; C7D | EN 10016–2 | for general purposes (for packing and mesh manufacturing) | coil mass 400–500 kg | DUCTIL STEEL BUZAU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SAE 1006; SAE 1008 | ASTM A 510M | | | | Bright heat untreated low-carbon steel wire uncoated | ∅ 1.0–1.8 | 1000–1200 | EN 10218–2 (DIN 177) | SAE 1006; SAE 1008 | ASTM A510M | for nail manufacturing, packing, fences and other purposes | coil mass 30–40 kg ID 450 mm OD 650 mm | MECHEL NEMUNAS | ∅ 2.0–6.0 | 590–830 | SAE 1006; SAE 1008 | ASTM A510M | coil mass 80–100 kg ID 450 mm OD 650 mm | ∅ 0.7–7.0 | 440–1270 | STAS 889; GOST 3282 | C4D; C7D | EN 10016–2 | for nail manufacturing, packing, fences and other purposes | ∅ 0.6–2.0 mm: coil Z2 mass 400 kg; ∅ 1.2–7.0 mm: coil Z3 mass 1000–1500 kg; ∅ 2.0–6.0 mm: coil mass 200–500 kg | MECHEL CAMPIA TURZII | SAE 1006; SAE 1008 | ASTM A 510M | ∅ 0.9–10.0 | 440–1180 | STAS 889; EN 10218 |
| Bright heat untreated low-carbon steel wire uncoated | ∅ 1.0–1.8 | 1000–1200 | EN 10218–2 (DIN 177) | SAE 1006; SAE 1008 | ASTM A510M | for nail manufacturing, packing, fences and other purposes | coil mass 30–40 kg ID 450 mm OD 650 mm | MECHEL NEMUNAS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | ∅ 2.0–6.0 | 590–830 | | SAE 1006; SAE 1008 | | | ASTM A510M | coil mass 80–100 kg ID 450 mm OD 650 mm | ∅ 0.7–7.0 | 440–1270 | STAS 889; GOST 3282 | C4D; C7D | EN 10016–2 | for nail manufacturing, packing, fences and other purposes | ∅ 0.6–2.0 mm: coil Z2 mass 400 kg; ∅ 1.2–7.0 mm: coil Z3 mass 1000–1500 kg; ∅ 2.0–6.0 mm: coil mass 200–500 kg | MECHEL CAMPIA TURZII | SAE 1006; SAE 1008 | ASTM A 510M | ∅ 0.9–10.0 | 440–1180 | STAS 889; EN 10218 | C4D; C7D | EN 10016–2 | for nail manufacturing, packing, fences and other purposes | coil mass 40–200 kg; coil mass 400–600 kg with pattern laying | DUCTIL STEEL BUZAU | SAE 1006; SAE 1008 | ASTM A 510M | | | | |
| | ∅ 0.7–7.0 | 440–1270 | STAS 889; GOST 3282 | C4D; C7D | EN 10016–2 | for nail manufacturing, packing, fences and other purposes | ∅ 0.6–2.0 mm: coil Z2 mass 400 kg; ∅ 1.2–7.0 mm: coil Z3 mass 1000–1500 kg; ∅ 2.0–6.0 mm: coil mass 200–500 kg | MECHEL CAMPIA TURZII | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SAE 1006; SAE 1008 | ASTM A 510M | | | | | ∅ 0.9–10.0 | 440–1180 | STAS 889; EN 10218 | C4D; C7D | EN 10016–2 | for nail manufacturing, packing, fences and other purposes | coil mass 40–200 kg; coil mass 400–600 kg with pattern laying | DUCTIL STEEL BUZAU | SAE 1006; SAE 1008 | ASTM A 510M | | | | | | | | | | | | | | | | |
| | ∅ 0.9–10.0 | 440–1180 | STAS 889; EN 10218 | C4D; C7D | EN 10016–2 | for nail manufacturing, packing, fences and other purposes | coil mass 40–200 kg; coil mass 400–600 kg with pattern laying | DUCTIL STEEL BUZAU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SAE 1006; SAE 1008 | ASTM A 510M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

8

Wire and bright steel bars of common steel grades

| Product | Dimensions, mm | Tensile strength, N/mm ² | Standard for steel product | Steel grade | Standard for chemical composition | Product application | Packing and delivery requirements | Producer |
|---|----------------|-------------------------------------|----------------------------|-----------------------|-----------------------------------|--|--|----------------------|
| Heat-treated (annealed) black low-carbon steel wire | ∅ 0.9–8.0 | max 450 | EN 10218 | C4D; C7D | EN 10016–2 | for mesh manufacturing, packing, fences and other purposes | coil mass 40–500 kg; coil mass 400–600 kg with pattern laying | DUCTIL STEEL BUZAU |
| | | | | SAE 1006; SAE 1008 | ASTM A 510M | | | |
| Zinc-coated low-carbon wire | ∅ 0.7–4.2 | max 550 | ASTM A 641 | C4D; C7D | EN 10016–2 | for nail manufacturing, packing, fences and other purposes | ∅ 0.7–1.2 mm: coil mass 20–30 kg; ∅ 1.2–4.2 mm: coil mass 400–1000 kg with pattern laying | MECHEL CAMPIA TURZII |
| | | | | SAE 1006; SAE 1008 | ASTM A 510M | | | |
| | ∅ 1.0–6.0 | 290–490 | EN 10218–2 (DIN 177) | SAE 1006; SAE 1008 | ASTM A 510M | | coil mass 900–1200 kg ID 400 mm OD 750 mm H (height) 480 mm; coil mass 1200–1800 kg ID 500 mm OD 800 mm H (height) 630 mm | MECHEL NEMUNAS |
| | ∅ 1.8–6.0 | – | EN 10244–2 (DIN 1548) | SAE 1006; SAE 1008 | ASTM A 641–71a | | coil mass 30–40 kg; coil mass 80–100 kg; coil mass 700–900 kg | MECHEL NEMUNAS |

8

Wire and bright steel bars of common steel grades

8

Wire and bright steel bars of common steel grades

| Product | Dimensions, mm | Tensile strength, N/mm ² | Standard for steel product | Steel grade | Standard for chemical composition | Product application | Packing and delivery requirements | Producer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------------------------|----------------------------|-----------------------|-----------------------------------|---|---|---------------------------|---|--|---|-----------|----------|------------|--|--------------------|--|---|-----------|---------|------------|----------|------------|---|---|--|-----------------------|-------------|--|----------------------------|--------------------------------------|---------|-----------|----------|------------|----------------------------------|---------------------|--|------------------------|-----------|---|------------|----------|------------|--------------------------|---|--|---------------------------|-------------|---------|
| Zinc-coated or black annealed square wire for graphic-art industry | (thickness)x(width) 2.5x0.5 | – | STAS 2304 | C4D; C7D | EN 10016-2 | for carton box manufacturing | coil mass 20 kg | DUCTIL STEEL BUZAU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SAE 1006; SAE 1008 | ASTM A 510M | | | | Hot-dip galvanized or annealed square wire | (thickness)x(width) 2.5x1.0 2.5x1.5 4.0x0.5 | – | STAS 3935 | C4D; C7D | EN 10016-2 | | coil mass 20–80 kg | | Hot-dip galvanized low-carbon wire | Ø 0.9–5.0 | max 500 | EN 10244-2 | C4D; C7D | EN 10016-2 | for mesh manufacturing and packing purposes | coil mass 20–120 kg; coil mass 400–1000 kg with pattern laying | | SAE 1006; SAE 1008 | ASTM A 510M | | Half-round pin wire | Ø 0.9–8.0 H (height) 0.45–4.00 | 500–700 | STAS 3934 | C4D; C7D | EN 10016-2 | for fastening part manufacturing | coil mass 60–150 kg | | PVC coated wire | Ø 1.5–2.7 | – | EN 10245-2 | C4D; C7D | EN 10016-2 | for fences manufacturing | coil mass 20–120 kg; coil mass 400–1000 kg with pattern laying | | Bright barbed wire | Ø 1.90–2.25 | max 500 |
| Hot-dip galvanized or annealed square wire | (thickness)x(width) 2.5x1.0 2.5x1.5 4.0x0.5 | – | STAS 3935 | C4D; C7D | EN 10016-2 | | coil mass 20–80 kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hot-dip galvanized low-carbon wire | Ø 0.9–5.0 | max 500 | EN 10244-2 | C4D; C7D | EN 10016-2 | for mesh manufacturing and packing purposes | coil mass 20–120 kg; coil mass 400–1000 kg with pattern laying | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SAE 1006; SAE 1008 | ASTM A 510M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Half-round pin wire | Ø 0.9–8.0 H (height) 0.45–4.00 | 500–700 | STAS 3934 | C4D; C7D | EN 10016-2 | for fastening part manufacturing | coil mass 60–150 kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PVC coated wire | Ø 1.5–2.7 | – | EN 10245-2 | C4D; C7D | EN 10016-2 | for fences manufacturing | coil mass 20–120 kg; coil mass 400–1000 kg with pattern laying | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bright barbed wire | Ø 1.90–2.25 | max 500 | STAS 1179; EN 10223-1 | SAE 1006; SAE 1008 | ASTM A 510M | for fences manufacturing | coil mass 20 kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

8

Wire and bright steel bars of common steel grades

8

Wire and bright steel bars of quality steel grades

9

Slings

WIRE AND BRIGHT STEEL BARS OF QUALITY STEEL GRADES

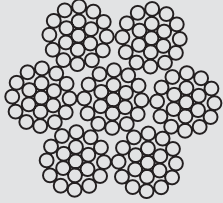
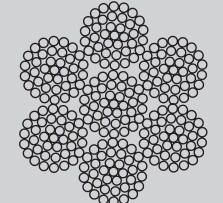
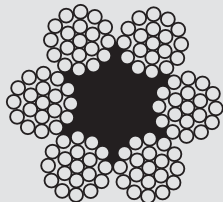
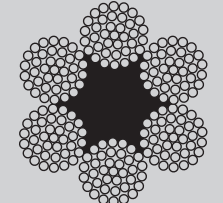
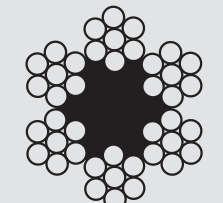
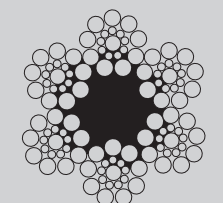
| Product | Diameter, mm | Tensile strength, N/mm ² | Standard for steel product | Steel grade | | Standard for chemical composition | Product application | Packing and delivery requirements | Producer |
|----------------------------|---|---|--------------------------------------|-------------|--|-----------------------------------|-------------------------|---|--|
| Carbon steel wire | 0.6–3.0 | 1000–1500 (Class I); 1500–2000 (Class II); min 2000 (Class III) | SF 170–2010 | C68D2–C82D2 | | EN 10016–4 | for shot manufacturing | ∅ 0.6–0.7 mm: coil mass 20–40 kg; ∅ 0.6–3.0 mm: coil Z2 mass 400 kg or coil Z3 mass 1000 kg; ∅ 0.7–1.4 mm: coil mass 70–150 kg; ∅ 1.4–3.0 mm: coil mass 50–200 kg | MECHEL CAMPPIA TURZII |
| Rope steel wire | 0.18–5.50 (bright); 0.18–3.50 (zinc coated) | according to EN 10264–2 | EN 10264–2 | C42D2–C86D2 | | EN 10016–4 | for rope manufacturing | spool mass up to 1000 kg; coil mass 10–250 kg ID 150–550 mm OD 250–900 mm; coil Z2 mass up to 500 kg with pattern laying ID 330–370 mm OD up to 760 mm | BELORETSK METALLURGICAL PLANT |
| Uncoated steel wire | 0.3–4.0 | 1370–1960 | EN 10264 | C68D2–C76D2 | | | | ∅ 0.4–0.7 mm: coil mass 20–40 kg; ∅ 0.6–3.0 mm: coil Z2 mass 400 kg or coil Z3 mass 1000 kg; ∅ 0.7–1.4 mm: coil mass 70–150 kg; ∅ 1.4–3.0 mm: coil mass 50–200 kg | MECHEL CAMPPIA TURZII |
| Cold-drawn wire | 0.25–0.40; 0.50–0.70; 0.80–1.80; 2.00–2.50 | – | STAS 3457–80; SF 31–97 ed. 2/2003 | C68D2–C76D2 | | EN 10016–4 | for broom manufacturing | coil mass 20–40 kg ID 150–500 mm | |

SLINGS

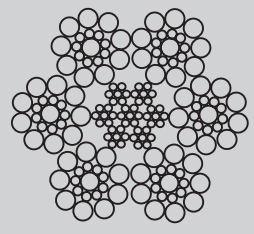
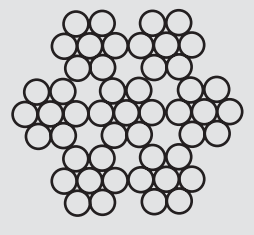
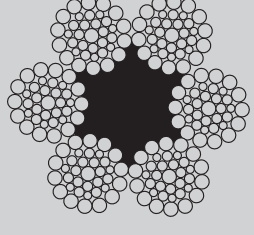
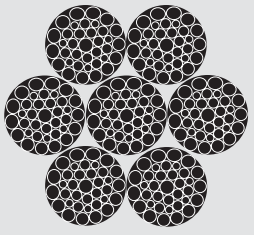
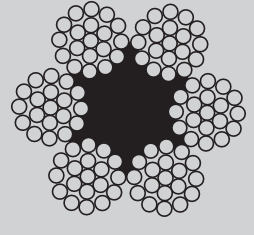
| Product | Lifting capacity, mt | Diameter, mm | Length, m | | Standard | Product application | Producer |
|---|----------------------|-------------------------------|------------|--|---------------------------------|---------------------|--|
| General purpose steel wire rope slings | 0.5–12.0 | 8.0–24.0 | 1.5–3.0 | | EN 13414–1+A2; EN 13411–3+A2 | | MECHEL CAMPPIA TURZII |
| Chain slings assembled by methods other than welding; Grade T(8) | 1.12–133.60 | according to ISO 7593–1986 | as ordered | | ISO 7593–1986 | strapping | BELORETSK METALLURGICAL PLANT |

Stranded ropes for lifting application

Stranded ropes for lifting application

| Product | Figure | Construction | Diameter, mm | | Standard | Product application | Producer |
|--|---|---------------------------------|--------------|--|----------|---|---------------------------------|
| Steel double-lay wire ropes type TK |  | 6x19(1+6+12)+1x19(1+6+12) | 5.0–40.0 | | EN 12385 | towing, hoisting and transport facilities | MECHEL CAMPIA TURZII |
| |  | 6x37(1+6+12+18)+1x37(1+6+12+18) | 7.0–51.0 | | EN 12385 | towing, hoisting and transport facilities | |
| |  | 6x19(1+6+12)+1 p.c. | 5.0–40.0 | | EN 12385 | towing, hoisting and transport facilities | |
| |  | 6x37(1+6+12+18)+1 p.c. | 7.0–51.0 | | EN 12385 | towing, hoisting and transport facilities | |
| Steel double-lay wire ropes type LK-O |  | 6x7(1+6)+1 p.c. | 4.0–28.0 | | EN 12385 | towing, hoisting and transport facilities | |
| |  | 6x19(1+9+9)+1 p.c. | 6.0–44.0 | | EN 12385 | hoisting and transport facilities, monorails, elevators | |

Ropes are supplied on wooden reels

| Product | Figure | Construction | Diameter, mm | Standard | Product application | Producer |
|--|---|-----------------------------------|--------------|----------|---|---------------------------------|
| Steel double-lay wire ropes type LK-O |  | 6x19(1+9+9)+7x7(1+6) | 12.0–44.0 | EN 12385 | hoisting and transport facilities, monorails, elevators | MECHEL CAMPIA TURZII |
| |  | 6x7(1+6)+1x7(1+6) | 4.0–28.0 | EN 12385 | towing, hoisting and transport facilities | |
| Steel double-lay wire ropes type LK-RO |  | 6x36(1+7+7/7+14)+1 p.c. | 12.0–18.0 | EN 12385 | hoisting and transport facilities, monorails, elevators | |
| |  | 6x36(1+7+7/7+14)+1x36(1+7+7/7+14) | 12.0–18.0 | EN 12385 | hoisting and transport facilities, monorails, elevators | |
| Steel double-lay wire ropes type LK-3 |  | 6x25(1+6;6+12)+1 p.c. | 14.0–28.0 | EN 12385 | hoisting and transport facilities, monorails, elevators | |

Ropes are supplied on wooden reels

STRANDED ROPES FOR LIFTING APPLICATION

| Product | Figure | Construction | Diameter, mm | Standard | Product application | Producer |
|---|--------|---------------------------|--------------|----------|---|-------------------------------------|
| Steel double-lay wire ropes type LK-3 | | 6x25(1+6;6+12)+7x7(1+6) | 15.5–47.0 | EN 12385 | hoisting and transport facilities, monorails, elevators | MECHEL CAMPIA TURZII |
| | | 6x31(1+6+6/6+12)+7x7(1+6) | 12.0–40.0 | EN 12385 | hoisting and transport facilities, monorails, elevators | |
| | | 6x31(1+6+6/6+12)+1 p.c. | 12.0–40.0 | EN 12385 | hoisting and transport facilities, monorails, elevators | |
| Steel double-lay wire multistrand ropes type LK-0 | | 18x7(1+6)+1 p.c. | 8.0–22.0 | EN 12385 | regulating and counterweighting facilities | BELORETSK METALLURGICAL PLANT |

ROPES FOR OTHER PURPOSES

| Product | Figure | Construction | Diameter, mm | Standard | Product application | Producer |
|---------------------------------------|--------|--------------|--------------|----------|----------------------|-------------------------|
| Steel single-lay wire ropes type LK-0 | | 1x7(1+6) | 1.0–9.0 | EN 12385 | for purpose intended | MECHEL CAMPIA TURZII |

Ropes are supplied on wooden reels

Mechel's Sales Network



RUSSIA

MAP LEGEND

- ★ Mechel's sales companies
- Mechel Service Global's subsidiaries
- ▲ Mechel Service Global's branches
- Mechel Service Global's warehouses

GERMANY | DORTMUND

- Rheine
- Ahaus
- Muenster
- Warendorf
- Beckum
- Ahlen
- Hamm
- Marl
- Luenen
- Velbert

MECHEL SERVICE GLOBAL
Netherlands | The Hague

UNITED KINGDOM | SITTINGBOURNE

BELGIUM | ANTWERP

FRANCE | PARIS

NETHERLANDS | ROOSENDAAL

MECHEL TRADING
Switzerland | Baar

MECHEL CARBON
Switzerland | Baar

THE CZECH REPUBLIC | PRAGUE

HUNGARY | BUDAPEST

ITALY | MILAN

SERBIA | BELGRAD

BULGARIA | SOFIA

MECHEL MINING TRADING HOUSE
Russia | Moscow

MECHEL TRADING HOUSE
Russia | Moscow

RUSSIA | MOSCOW

ROMANIA | BUKHAREST

ROMANIA | BUKHAREST

ROMANIA | BUKHAREST

ROMANIA | BUKHAREST

TURKEY | ISTANBUL

TURKEY | ISTANBUL

RUSSIA | MOSCOW

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Sales

One of Mechel's important competitive advantages lies in its sales policy, aimed at creating long-term partnership ties with the company's clients and meeting their needs in steel products and services as fully as possible. We can fulfill any order regardless of size and complexity. Our clients can order various steel products made from an assortment of special steels.

For our clients' convenience and to increase the efficiency of our sales, we created the international sales network **Mechel Service Global B.V.**, which focuses on marketing our steel products domestically as well as in Europe and the CIS member states. In addition to sales of steel products, the company offers a wide range of services within its storage facilities.

The company's headquarters are located in the Hague (the Netherlands). They function as a coordination center for steel product sales and ensure efficient interaction between our clients and Mechel Group's steel producers.

Mechel Service Global B.V.'s network comprises over 120 branches in 15 countries. It includes a Russian company and subsidiaries in Eastern and Western Europe, Turkey and Kazakhstan.

Wholesale deliveries of steel products to the countries of the Persian Gulf, Middle East, South-East Asia and Africa are handled by **Mechel Trading AG**. The company is based in Baar, Switzerland, with more branches due to be opened shortly in Algeria and the United States.

The extensive sales network, with its highly proficient staff, storage infrastructure, sweeping product range and sufficient stores, allows us to fulfill our clients' needs fully and promptly.

PRODUCERS

| Company | Address | Tel / Fax | E-mail |
|--|---|--|---|
| BELORETSK METALLURGICAL PLANT | 1, Blyukhera ul., Beloretsk, Bashkortostan Republic, 453500 | +7 (34792) 5 30 50 +7 (34792) 4 40 42 | ant@belmk.ru |
| VYARTSILYA METAL PRODUCTS PLANT | 1, Zavodskaya ul., Vyartsilya, Karelia Republic, 186757 | +7 (81430) 3 23 84 3 27 17 +7 (81430) 3 23 84 3 22 33 | subbotina@mechelgroup.ru |
| DUCTIL STEEL BUZAU | Aleea Industriilor, 1 120224, Buzau, Romania | +40 238 405 119 +40 238 722 057 | luminita.grigore@mechel.com amn@mechel.com |

Sales

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|-----------------------------|---|--|--|
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| MECHEL NEMUNAS | 83, R. Kalantos str., Kaunas, 52308, Lithuania | +370 37 49 05 55/37 +370 37 49 05 56/38 | nemunas@nemunas.lt www.mechelnemunas.lt |

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| Mechel-Service (Russia) | 35, Mishina ul., 127083, Moscow, Russia | +7 (495) 739 98 80 | - |
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| Mechel Service Bulgaria EOOD | Bulgaria, Sofia 1618 168, Tsar Boris III Blvd. | +359 2 489 44 43 489 44 53 +359 2 489 13 88 | msbg@mechel.com |
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