

METIZ

Product Catalog



**Manufacture of
steel wire and nails**





Product Catalog of METIZ Factory²⁰²⁴

METIZ Factory is a reliable partner in its relations with product consumers and suppliers of raw materials. We are constantly developing forms of cooperation taking into account the interests of all parties.

NAILS

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01 **COMMON Nails**
with countersunk head

Manufactured in accordance with TU U*
25.9-02969248-005-2012

Nail shank diameter: 1,8 mm - 6,0 mm
Nail length: 30 mm - 200 mm



02 **COMMON Nails**
with flat head

Manufactured in accordance with TU U*
25.9-02969248-005-2012

Nail shank diameter: 1,8 mm - 3,0 mm
Nail length: 20 mm-30 mm



03 **ROOFING (CLOUT) Nails**
with a round enlarged head
(for roof felting)

Manufactured in accordance with TU U*
25.9-02969248-005-2012

Nail shank diameter: 1,8 mm - 3,0 mm
Nail length: 20 mm - 40 mm



04 **FINISHING NAILS**
with a reduced round head

Manufactured in accordance with TU U*
25.9-02969248-005-2012

Nail shank diameter: 1,2 mm - 1,8 mm
Nail length: 20 mm - 40 mm

**Galvanized nails can be produced*



05 **ROOFING (CLOUT) NAILS**
with a galvanized head

Manufactured in accordance with TU U*
27.3-02969248-002:2011

Nail shank diameter: 4,0 mm - 5,0 mm
Nail length: 100 mm - 120 mm

WIRE

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01 **WIRE FOR REINFORCEMENT**

Cold-drawn low-carbon steel wire for reinforcement of ferrocement structures of periodic profile VR-1

Manufactured in accordance with GOST 6727-80, TU U* 27.3-02969248-002:2011

Designed for reinforcing of ferrocement structures

Wire diameter from 6.0 mm to 2.0 mm
Spool winding coils up to 1000 kg

Characteristics

Nominal wire diameter, mm	Tensile force P, gN (kgf)	Number of bends	Relative elongation δ_{100} , %.
2,8 - 2,0	39 (400)	2	1,5
3,8 - 3,0	64 (650)	4	2,5
4,8 - 4,0	103 (1050)		3,0
6,0 - 5,0	108 (1100)		3,5

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02 GENERAL PURPOSE WIRE

General purpose cold-drawn low-carbon steel wire

Manufactured in accordance with GOST 3282-74, TU U* 27.3-02969248-004:2011

Designed for the manufacture of nails, ties, fences, for zinc coating and other purposes

Wire diameter from 10.0 mm to 0.8 mm
 Coils weighing from 50 kg to 200 kg
 Spool winding coils up to 1000 kg
 Coils of "Rosette" type up to 500 kg

Mechanical properties

Wire diameter, mm	Temporary tensile strength N/mm ²
0,8 - 1,00	690 - 1270
1,00 - 1,20	590 - 1270
1,20 - 2,50	590 - 1180
2,50 - 3,20	540 - 1080
3,20 - 3,60	440 - 930
3,60 - 4,50	440 - 930
4,50 - 6,00	390 - 830
6,00 - 7,50	390 - 830
8,00 - 10,00	390 - 690

Dimensions of coils

Wire diameter, mm	Weight, kg	Inner diameter, mm	Outer diameter, mm
0,8 - 8,0	50-200	200 (+/- 50)	400 (+/- 50)
1,4 - 6,0	1000	400 (+/- 20)	830 (+/- 20)
1,4 - 6,0	1000	500 (+/- 20)	830 (+/- 20)
2,5 - 4,0*	500	400 (+/- 20)	830 (+/- 20)

*Coils of "Rosette" type

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03 **ANNEALED WIRE**

General purpose annealed low-carbon steel wire (heat-treated)

Manufactured in accordance with GOST 3282-74, TU U* 27.3-02969248-004:2011

Designed for binding, packaging and further processing

Wire diameter from 6.00 mm to 0.45 mm

Spool winding coils up to 200 kg

*Coils of "Rosette" type up to 500 kg

Mechanical properties

Wire diameter, mm	Temporary tensile strength N/mm ²
0,45 - 1,00	290 - 490
1,00 - 1,20	290 - 490
1,20 - 2,50	290 - 490
2,50 - 3,20	290 - 490
3,20 - 3,60	290 - 490
3,60 - 4,50	290 - 490
4,50 - 6,00	290 - 490

Dimensions of coils

Wire diameter, mm	Weight, kg	Inner diameter, mm	Outer diameter, mm
0,8 - 8,0	50-200	200 (+/- 50)	400 (+/- 50)
2,0 - 4,0*	500	400 (+/- 20)	830 (+/- 20)

*Coils of "Rosette" type





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