

Chelyabinsk Metallurgical Plant

rolled products

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|--|--|-------------------------|-------------------------------------|---|--|--|--|
| | Section, mm | Length, m | | | | | |
| Hot-rolled products for concrete structures reinforcement | №6; 8 | Bundles of up to 520 kg | ГОСТ 5781-82 | Class A-I : St3sp(ps)2; St3sp(ps)3; Class A-II : St5sp2 Class A-III : 35GS; 25G2S Class A-V : 2X2G2T | Carbon ordinary ГОСТ380-94 | For reinforcement of ordinary and prestressed concrete structures | Min. batch - 65 t. Packaging and marking according to ГОСТ7566-81 |
| | № 8; 10; 12; 14; 16; 18; 20; 22; 25; 28; 32; 36; 40 | 6-12 | | Class A-III : 35GS; 25G2S | ГОСТ5781 -82 | | |
| | № 28; 32; 36; 40 | | | | | | |
| Hot-rolled equal steel angles | Angles #: 4; 5 | 4-9 | ГОСТ 8509-93 | St0; St1kp; St2ps;St3cn; St3ps; St5ps | Carbon ordinary ГОСТ380-94 | For manufacture of welded structures in construction. | |
| Hot-rolled steel round products | Ø6,5; 7; 8 | Bundles of up to 520 kg | ГОСТ 2590-88 | St0; St1kp; St2ps;St3cn; St3ps; St5ps | Carbon ordinary ГОСТ380-94 | Rod for wire treatment (TY 14-1-5283-94), rod for packaging (TY 14-1-5282-94) | Min. batch - 65 t. Packaging and marking according to ГОСТ7566-81 |
| | Ø12; 13; 14; 15; 16; 18; 19; 20; 21; 22; 23; 24; 25-28; 30-36; 38; 40-42; 44-46; 50; 52; 55; 56; 58; 60; 63; 70; 80; 90; 100; 105; 110; 115; 120; 130; 140; 150; 160; 170; 180 | 3-6 | | 10; 15; 20; 25; 30;35; 40;45; 50;55; 60 | Carbon quality structural ГОСТ1050-88 | For manufacture of details required to be high ductile (steel 10,15,20); slightly stressed details (steel 30,35); details required to be highly strong (steel 40,45); details with high strength and abrasion-resistant properties (steel50,55,60) | Min. batch: bundles at least 10 t; bars of 10-70 mm in diameter at least 0.5 t; bars 80-180 mm in diameter at least 1.5 t (on condition of heat norm distribution according to principal orders). Packaging and marking according to ГОСТ7566-81 |
| | Ø12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23 | Bundles of up to 450 kg | | 15X; 30X; 40X;45X; 20Г; 30Г; 50Г; 15XM; 38XM; 30XMA; 40XH; 38XC; 18XГТ; 30XГТ; 12X2H4A; 30XГСА; 35XГСА; 30XГЧ2A; 38XH3MΦA; 45XH2MΦA; 40XΦA; 18X2H4MA; 18X2H4BA; 15XГH2TA; 15XГHTA; 20XГHP; 20XHP; 12XH3A; 20XH3A; 30XH3A; 20XГHTP; 40XH2MA; 36X2H2MΦA; 30X3MΦA; 38XH3MA; 38X2H2MA | Alloy structural ГОСТ4543-71 | In mechanical engineering for manufacture of details and mechanisms heat-treated additionally | Min. batch at least 10 t. Packaging and marking according to ГОСТ7566-81 |
| | Ø25-28; 32; 34; 38; 41; 48; 49; 52; 54; 56; 63; 64 | 4,5-5 3,5-4 | | * As well as from all the steel grades listed on page 5 | | | |
| Hot-rolled round products turned with cutter of carbon and alloy steel | Ø28; 30; 32; 34; 35; 37; 40; 42; 45; 50; 52; 55; 60; 65; 70 | 4,5-6 | TY 14-1-2252-90 | 10; 30; 38; 40; 43; 50; 50; 12XH; 14XГH; 19XГH; 20XГHM; 25XГТ; 30XM; 40XГHM | Carbon and alloy TY14-1-2252-90 | For manufacture of motorcar components by hot working method | Min. batch - 65 t. Packaging and marking according to ГОСТ7566-81 |
| Hot-rolled round steel of general purpose. Section steel | Ø25-28; 30-36; 38; 40-42; 44-46; 50; 52; 55; 56; 58; 60; 63; 70; 80; 90; 100; 105; 110; 115; 120; 130; 140; 150; 160; 170; 180 | 5,5-6,3; 4-6 | DIN 1013 part 1 (normal deviations) | DIN (EN) : 1.1178; 1.1186; 1.1191; 1.1206; 1.6523; 1.6582; 1.6587; 1.7035; 1.7131; 1.7225; S355J2G3; St52-3 N etc. ASTM : AISI 1018; 1030; 1035; 1040; 1045; 1050; 1141; 4130; 4140; 4142; 4320; 4340; 8620; 8630 etc BS : 070M20; 070M55; 080M40; 722M24 etc JIS : S45C; SCM440; SCM415 etc | | For manufacture of motorcar details and mechanisms | According to manufacturer's methods |
| Hot-rolled steel products for springs | strip rolled products: 63-90x18-18 | 4,5-9 | ГОСТ 7419-90 | 65Г; 55C2; 60C2; 60C2A; 60C2XA; 65C2BA; 60C2XΦA; 50XΦA; 50XГΦA; 50XГ and others | Spring carbon and alloy ГОСТ14959-79 | For manufacture of springs and other motorcar details used in hardened and tempered condition | Min. batch - 65 t. Packaging and marking according to ГОСТ7566-81 |
| | trapeziform stepped: 65x10; 65x11 | | | | | | |
| | T-shaped rolled products: 65x40x10x4; 75x55x10,11,12x4,4,4,4,8; 90x63x10,11,12x4,4,4,4,8; 90x63x14,18x5,6,7,2 | | | | | | |

Chelyabinsk Metallurgical Plant

bloom billet

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|--|-----------------------------------|---|---|---|--|--|--|
| | Section, mm | Length, m | | | | | |
| Hot-rolled steel square products | □ 200-250 □ 250-320 (bloom) | 1,6-4 | TY 14 -1-2118-98; TY 14-1-3299-82; TY 14-1-1397-75; TY 14-1-1515-75; TY 14-1-655-73; TY 14-1-748-73; TY 14-1-478-73 (dimensions in concordance with TY 14-1-4492-88) | 65Г; 55С2; 60С2; 60С2А; 60С2ХА; 65С2ВА; 60С2ХФА; 50ХФА; 50ХГФА; 50ХГ and others | Carbon alloy ГОСТ14959-79 | For manufacture of springs and other motorcar details and mechanisms used in hardened and tempered condition | Min. batch - 10 t. Packaging and marking according to ГОСТ 7566-81 |
| | | | | 10; 20; 25; 35; 40; 12ХН; 38ХА; 40Х; 40ХН; 30Г1Р; 20Г2Р; 16ХСН; 38ХГНМ | Quality structural carbon and alloy for cold extrusion and heading ГОСТ10702-78 | For manufacture of domestic products by cold extrusion and heading method | |
| | | | | У7(А); У8(А); У9(А); У10(А); У11(А); У12(А); У13(А) | Tool carbon ГОСТ1435-90 | For manufacture of tools operated in conditions that do not resulted in cutting edge heating, simple shaped calibers, stamps for cols stamping | |
| | | | | Group 1 - 8ХФ; 9ХС; 9ХВГ; ХВГ and others. Group 2 - 7Х3; 5ХНМ; 5ХНВ; 3Х3М3Ф; 4Х5МФС; 4Х4ВМФС (ДИ22) and others | Tool alloy ГОСТ5950-2000 | Group 1 - for manufacture of tools used mainly for metal and other materials working in cold condition. Group 2 - for manufacture of tools used mainly for metal forming at temperature over 300° С | |
| | | | | | Tool high-speed ГОСТ19265-73 | For manufacture of cutting tools used at hardened and tempered alloy and corrosion-resistant steel working | |
| | | | | 20Х13; 30Х13; 40Х13; 40Х10С2М; 08Х18Н10Т; 12Х18Н10Т; 10Х17Н13М2Т (ЭИ448) | Corrosion-resistant, heat-resistant and high-temperature ГОСТ5632-72 | For manufacture of details and mechanisms intended to be operated in corrosive media and at temperature over 500° С | |
| | | | | 95Х18; 14Х17Н2 (ЭИ268); 20Х23Н18 (ЭИ417); 45Х14Н14В2М (ЭИ69); 10Х11Н23Т3МР (ЭП33) and others | Corrosion-resistant, heat-resistant and high-temperature ГОСТ5632-72 | For manufacture of details and mechanisms intended to be operated in corrosive media and at temperature over 500° С | |
| | | | | 12Х1МФ; 25Х1МФ; 15Х5М; 20Х1М1Ф1БР (ЭП44); 20Х1М1Ф1ТР (ЭП182) | ГОСТ 20072-74 | For manufacture of details and mechanisms operated in stressed conditions at temperature up to 600° С — during long period | |
| | | | | 25Х1МФ; 25Х2М1Ф (ЭИ723); 20Х1М1Ф1ТР (ЭП182) | Thermostable ТУ14-1-552-72 | | |
| | | | | ШХ4; ШХ15; ШХ15СГ; ШХ20СГ; ШХ15-Ш | Bearing ГОСТ 801-78 | For manufacture of bearing rings, balls and rollers | |
| | | | | АС14; АС35Г2; АС14ХГН; АС20ХГНМ; АС38ХГМ; АС130ХМ; АС40ХГНМ; АС40Х; АС120ХГНМ; АС40Х | Structural steel of advanced and high machinability by cutting (plumbous and calcium content), ГОСТ1414-75, ТУ14-1-2217-92 | For manufacture of motorcar components by hot forming method and machining in automatic machines | |
| | | | | St0; St1kp; St2ps; St3cn; St3ps; St5ps | Carbon ordinary ГОСТ380-94 | Rod for wire treatment (TY 14-1-5283-94), rod for packaging (TY 14-1-5282-94) | |
| 15Х; 30Х; 40Х; 45Х; 20Г; 30Г; 50Г; 15ХМ; 38ХМ; 30ХМА; 40ХН; 38ХС; 18ХГТ; 30ХГТ; 12Х2Н4А; 30ХГСА and others | Alloy structural ГОСТ4543-71 | In mechanical engineering for manufacture of details and mechanisms heat-treated additionally | Min. batch at least 10 t. Packaging and marking according to ГОСТ7566-81 | | | | |



Chelyabinsk Metallurgical Plant

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|----------------------------------|-------------|-------------|-----------------------|---|--|--|---|
| | Section, mm | Length, m | | | | | |
| Hot-rolled steel square products | □ 80 | 9,5-11,5 | TY 14-1-4492-88 | St0; St1kp; St2ps; St3cr; St3ps; St5ps 10; 15; 20; 25; 30;35; 40;45; 50;55; 60 | Carbon ordinary ГОСТ380-94 Carbon quality structural ГОСТ1050-88 | Billet for further recasting (at length exceeding 6 meters, billet is delivered with actual surface condition) | Min. batch of delivery-heat norm |
| | □ 100 | 9-10 | | | | | |
| | □ 105 | 1,5-12,5-6 | | | | | |
| | □ 120 | 5-6,9-12 | | | | | |
| | □ 130 | 1,5-12, 5-6 | | | | | |
| | □ 150 | 10-12 | | | | | |
| | □ 180 | 5-7 | | | | | |
| | □ 130 | At most 2,3 | TY 14-1-904-74 | AC14; AC35Г2; AC30XM; AC12XM; AC38XГM | Structural steel advanced and high machinability by cutting ГОСТ1414-75, TY 14-1-2217-92 | | Min. batch- 65 t. Packaging and marking according to ГОСТ 7566-81 |
| | □ 156 | At most 4,5 | | | | | |

Note 1: Metal products of the enumerated dimensions as well as of other steel grades to ensure requirements differing from the requirement of GOCTs can be manufactured according to the special technical requirements or bilateral records regarding the delivery terms negotiation.

Note 2: In order to ensure the advanced requirements to quality according to GOCTs, specification and records regarding the delivery terms negotiation, the metal products can be manufactured with application of the special methods of melting and subsequent remelting: VI (vacuum-induction melting), IA (vacuum-induction melting with subsequent vacuum-arc remelting), VA (open arc melting by vacuum-arc remelting), S (open arc melting with subsequent electroslag remelting).



Mechel Targoviste

rolled products

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|---------------------------------|--|----------------------|--|--|---|--|--------------------------------------|
| | Section, mm | Length, m | | | | | |
| Rolled products | Ø12 -26 | бунты 900 кг | ГОСТ2590, DIN1013, ASTM A29/A29M | St37-2;RST37-2;St37-3; St44-2;St44-3; St52-3; St50-2; St60-2; St70-2 | Carbon of general purpose ГОСТ380-94 | Steel for welded structures | Weight of batch of the same size 5 t |
| | Ø12 -140 | 3-6 | | C22;CK22;Cm22;C25;CK25;Cm25;C30;CK30; Cm30;C35; CK35;Cm35;C40;CK40; Cm40;C45;CK45;Cm45;C50;CK50;Cm50;C55; CK55; Cm55;C60;CK60;Cm60 | Quality carbon ГОСТ1050-88, DIN17200, EN10083 | Carbon steel for mechanical engineering | |
| | | | | 38Cr2;38CrS2; 34Cr4; 34CrS4; 37Cr4;37CrS4; 41Cr4;41CrS4; 25CrMo4; 34CrMo4; 34CrMoS4; 42CrMo4; 42CrMoS4; 34CrNiMo6;36CrNiMo4; 30CrNiMo8;50CrV4; 30CrMoV 9 | Structural alloy ГОСТ 4543-71, DIN17200, EN10083 | alloy steel for mechanical engineering | |
| | | | | C55;C60;C67;C75;55Si7; 67SiCr5;38Si7;60SiCr7; 55Cr3;50CrV4;51CrMoV4 | Spring carbon and alloy ГОСТ14959-79, DIN17222, DIN17221 | Spring carbon and alloy steel | |
| | | | | Cq15;Cq22;Cq35;Cq45; 41Cr4;19MnB4;25CrMo4; 42CrMo4;34CrNiMo6; 30CrNiMo8 | Quality structural and alloy DIN1654 | For cold depression and deflection | |
| | Ø12 -80 | 3-7 | DIN1014 | St37-2;RST37-2;St37-3; St44-2;St44-3; St52-3; St50-2; St60-2; St70-2 | Carbon of general purpose ГОСТ380-94 | Steel for welded structures | |
| Ø12 -60 | 3-6 | DIN1017 | St37-2;RST37-2;St37-3; St44-2;St44-3; St52-3; St50-2; St60-2; St70-2 | | | | |
| □60, 65, 70 | | strip 60-120x6-30 | ГОСТ2590, DIN1013, ASTM A29/A29M | St37-2;RST37-2;St37-3; St44-2;St44-3; St52-3; St50-2; St60-2; St70-2 | Quality carbon ГОСТ1050-88, DIN17200, EN10083 | Carbon steel for mechanical engineering | |
| strip 60-120x6-30 | St37-2;RST37-2;St37-3; St44-2;St44-3; St52-3; St50-2; St60-2; St70-2 | | | | | | |
| Turned rolled products | Ø18 -140 | 3-6 | ГОСТ2590, DIN1013, ASTM A29/A29M | St37-2;RST37-2;St37-3; St44-2;St44-3; St52-3; St50-2; St60-2; St70-2 | Carbon of general purpose ГОСТ380-94 | Steel for welded structures | |
| Annealed rolled products | strip 60-120x6-30 | 3-6 | DIN1017 | C22;CK22;Cm22;C25;CK25;Cm25;C30; CK30;Cm30;C35;CK35;Cm35;C40;CK40; Cm40;C45;CK45;Cm45;C50;CK50;Cm50; C55;CK55; Cm55;C60;CK60;Cm60 | Quality carbon ГОСТ1050-88, DIN17200, EN10083 | Carbon steel for mechanical engineering | |
| | □60, 65, 70 | | DIN1014 | 38Cr2;38CrS2; 34Cr4; 34CrS4; 37Cr4;37CrS4; 41Cr4;41CrS4; 25CrMo4; 34CrMo4; 34CrMoS4; 42CrMo4; 42CrMoS4; 34CrNiMo6;36CrNiMo4; 30CrNiMo8;50CrV4; 30CrMoV 9 | Structural alloy ГОСТ 4543-71, DIN17200, EN10083 | Hardened and tempered alloy steel for mechanical engineering | |
| | strip 60-120x6-20 | | DIN4620 | C55;C60;C67;C75;55Si7; 67SiCr5;38Si7;60SiCr7; 55Cr3 | Spring carbon and alloy ГОСТ14959-79, DIN17222, DIN17221 | Spring carbon and alloy steel | |
| Annealed turned rolled products | Ø18 -140 | 3-6 | ГОСТ 2590, DIN1013, ASTM A29/A29M | C22;CK22;Cm22;C25;CK25;Cm25;C30; CK30;Cm30;C35;CK35;Cm35;C40;CK40; Cm40;C45;CK45;Cm45;C50;CK50;Cm50; C55;CK55; Cm55;C60;CK60;Cm60 | Quality carbon ГОСТ1050-88, DIN17200, EN10083 | Carbon steel for mechanical engineering | |
| | | | | 38Cr2;38CrS2; 34Cr4; 34CrS4; 37Cr4;37CrS4; 41Cr4;41CrS4; 25CrMo4; 34CrMo4; 34CrMoS4; 42CrMo4; 42CrMoS4; 34CrNiMo6;36CrNiMo4; 30CrNiMo8;50CrV4; 30CrMoV 9 | Structural alloy ГОСТ 4543-71, DIN17200, EN10083 | Hardened and tempered alloy steel for mechanical engineering | |
| | Ø18 -80 | 3-7 | | C55;C60;C67;C75;55Si7; 67SiCr5;38Si7;60SiCr7; 55Cr3;50CrV4;51CrMoV4 | Spring carbon and alloy ГОСТ14959-79, DIN17222, DIN17221 | Spring carbon and alloy steel | |
| | Ø18 -60 | 3-6 | ГОСТ2590, DIN1013 | Cq15;Cq22;Cq35;Cq45; 41Cr4;19MnB4;25CrMo4; 42CrMo4;34CrNiMo6; 30CrNiMo8 | Quality structural and alloy DIN1654 | For cold depression and deflection | |
| | Ø20 -80 | | | C70W2;C80W1;C105W1 | Tool carbon ГОСТ1456, DIN17350 | | |
| Ø20 -70 | | | 115CrV3; 100Cr6; 90MnCrV8; 60WCrV7; 45NiCrMn4; X36CrMo17; 45WCrV7; 100MnCrW4 | Alloy tool ГОСТ5950, DIN17350 | | | |

Mechel Targoviste

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|---|-----------------------|-----------|--|---|---|--|--------------------------------------|
| | Section, mm | Length, m | | | | | |
| Annealed turned advanced rolled products | Ø20 -140 | 3-6 | ГОСТ2590, DIN1013, ASTM A29/A29M | 38Cr2;38CrS2; 34Cr4; 34CrS4; 37Cr4;37CrS4; 41Cr4;41CrS4; 25CrMo4; 34CrMo4; 34CrMoS4; 42CrMo; 42CrMoS4; 34CrNiMo6;36CrNiMo4; 30CrNiMo8;50CrV4; 30CrMOV9 | Structural alloy ГОСТ 4543-71, DIN17200, EN10083 | Hardened and tempered alloy steel for mechanical engineering | Weight of batch of the same size 5 t |
| Annealed turned polished rolled products | Ø18 -60 | 3-6 | DIN668, h11 | 38Cr2;38CrS2; 34Cr4; 34CrS4; 37Cr4;37CrS4; 41Cr4;41CrS4; 25CrMo4; 34CrMo4; 34CrMoS4; 42CrMo; 42CrMoS4; 34CrNiMo6;36CrNiMo4; 30CrNiMo8;50CrV4; 30CrMOV9 | Structural alloy ГОСТ 4543-71, DIN17200, EN10083 | | |
| | | 3-7 | | C55;C60;C67;C75;55Si7; 67SiCr5;38Si7;60SiCr7; 55Cr3;50CrV4;51CrMoV4 | Spring carbon and alloy ГОСТ14959-79, DIN17222, DIN17221 | | |
| | | 3-6 | | Cq15;Cq22;Cq35;Cq45; 41Cr4;19MnB4;25CrMo4; 42CrMo4;34CrNiMo6; 30CrNiMo8 | Quality structural and alloy DIN1654 | | |
| Austenitized turned rolled products | Ø20 -80 | 3-6 | ГОСТ2590, DIN1013 | X10Cr13;X15Cr13; X20Cr13; X30Cr13; X40Cr13;X45Cr13;X6Cr17; X5CrTi17;X19CrNi17.2; X5CrNi18.10;X6CrNiTi18.10;X59NiMo17.1 2.2; X2CrNiMo17.12; X6CrNiMoTi17.12; X2CrNi18.10 | Stainless steel ГОСТ5632, EN10088 | | Weight of batch of the same size 3 t |
| | Ø20 -80 (шлифованный) | | DIN668, h11 | | | | |
| Plain rolled products with die-rolled section | Ø12 -40 | 6-12 | STAS 438/1-89 ASTMA A615/A615M-01b BS4449-97 | OB 37; PC 52; PC 60; Grade 40; Grade 60; Grade 250; Grade 460 | GOST 380-94 GOST 5781-82 STAS 438/1-89 ASTMA 615/A615M-01b BS 4449-97 | Plain and section reinforcement | Weight of batch of the same size 5 t |

Mechel Targoviste

bloom billet

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|-----------------------|-------------------------|-----------|-----------------------|--|---|--|--------------------------------------|
| | Section, mm | Length, m | | | | | |
| Bloom billet (peeled) | □ 100-140, □ 160-250 | 4-9 | STAS 4436/90 | St37-2;RST37-2;St37-3; St44-2;St44-3; St52-3; St50-2; St60-2; St70-2 | Carbon of general purpose ГОСТ380-94 | Steel for welded structures | Weight of batch of the same size 5 t |
| | | | | C22;CK22;Cm22;C25;CK25;Cm25;C30; CK30;Cm30;C35;CK35;Cm35;C40; CK40; Cm40;C45;CK45;Cm45;C50;CK50; Cm50;C55;CK55; Cm55;C60;CK60;Cm60 | Quality carbon ГОСТ1050-88, DIN17200, EN10083 | Carbon steel for mechanical engineering | |
| | | | | 38Cr2; 38CrS2; 34Cr4; 34CrS4; 37Cr4; 37CrS4; 41Cr4;41CrS4; 25CrMo4; 34CrMo4; 34CrMoS4; 42CrMo; 42CrMoS4; 34CrNiMo6;36CrNiMo4; 30CrNiMo8;50CrV4; 30CrMOV9 | Structural alloy ГОСТ 4543-71, DIN17200, EN10083 | Hardened and tempered alloy steel for mechanical engineering | |

Mechel Campia Turzii

rolled products

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|---|--|--|--|---|--|---|--|
| | Section, mm | Length, m | | | | | |
| Round section | ∅14-32 | 6-12 | DIN 1013, STAS333-87 | ST37-2; RSt 37-2; ST44-2; ST 52-3; ST 50-2 | DIN 17100, STAS 500/2-80 | | Bundles of 1-3 t |
| | | | | C22, 25, 30, 35, 40, 45, 50, 55, 60 | DIN 17200, STAS 880-89 | | |
| Square section | □12, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30 | 6 | DIN 1014, STAS 334-88 | ST37-2; RSt 37-2; ST44-2; ST 52-3; ST 50-2 | DIN 17100, STAS 500/2-80 | | Bundles of 1-3 t |
| | | | | C22, 25, 30, 35, 40, 45, 50, 55, 60 | DIN 17200, STAS 880-89 | | |
| Flat section | 25-70x5-10 | 3-6 | DIN 1017, STAS 395-88 | ST37-2; RSt 37-2; ST44-2; ST 52-3; ST 50-2 | DIN 17100, STAS 500/2-80 | For welded structures, machines manufacture | Bundles of 1-3 t, 3000-6000 mm in length |
| | | | | C22, 25, 30, 35, 40, 45, 50, 55, 60 | DIN 17200, STAS 880-89 | | |
| | 10-20x3-5 | | DIN 1017 | ST37-2; RSt 37-2; ST44-2; ST 52-3; ST 50-2 | DIN 17100, STAS 500/2-80 | | |
| | | | C22, 25, 30, 35, 40, 45, 50, 55, 60 | DIN 17200, STAS 880-89 | | | |
| Square section | □6; 7; 8; 9; 10 | 3-6 | DIN 1014 | ST37-2; RSt 37-2; ST44-2; ST 52-3; ST 50-2 C22, 25, 30, 35, 40, 45, 50, 55, 60 | DIN 17100, STAS 500/2-80 DIN 17200, STAS 880-89 | | |
| Hot-rolled wire rods | □5,5; 6; 8; 10;12 | Coils of 400-600 kg | DIN 59110, STAS 563-89 | ST37-2; RSt 37-2; ST44-2; ST 52-3; ST 50-2 D-9, D10-2, D15-2, D20-2, D25-2, D30-2, D35-2, D40- 2, D45-2, D50-2, D55-2, D58-2, D60-2, D63-2, D65-2, D68-2, D70- 2, D73-2, D75-2 C22, 25, 30, 35, 40, 45, 50, 55, 60 | DIN 17100, DIN 17140, DIN 17200 | For machines manufacture, heat treatment up to standard temperature | Coils of 400-600 kg, 3 coils in principal bundle |
| Plain reinforcing steel | ∅5,5; 6; 8;10;12 | Coils of 400-600 kg | DIN 59100, STAS 438-89 | RSt37-2 | DIN 17100 | For construction work | Coils of 400-600 kg, 3 coils in principal bundle. In bundles of 1-3 t for dimensions exceeding 12 mm |
| | ∅14-32 | Bars of 6-12 m | DIN 1013, STAS 438-89 | | | | |
| Reinforcing steel of die-rolled section | ∅8; 10; 12; 14; 16; 18; 20; 22; 25 | Coils of 400-600 kg, Bars of 6-12 m | ASTM A 615, STAS 438-89 | Марка 40, Марка 60 | ASTM A 615 | For concrete reinforcement | Coils of 400-600 kg, 3 coils in principal bundle. Bars of 6-12 m in length, in bundles of 1-3 t for diameters exceeding 14 mm |



Beloretsk Metallurgical Plant

rolled products

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery | | |
|--|-------------|--------------------------------|---------------------------|---|--|--|--|---|--|
| | Section, mm | Length, m | | | | | | | |
| Section and structural rolled products | Ø6,5-8,0 | Bundles of 700-2000kg | ТУ 14-1-878-74 | АС14 | ТУ 14-1-878-74 | For manufacture of fixing details by cold extrusion method | Bundles. Soft packaging (paper, cloth). Marking label. Bundles of 700-2000 kg. External diameter -1250 mm internal -850 mm | | |
| | | | | АС14 | ТУ14-1-4104-86 | | | | |
| | | | | АС14 | ГОСТ2246-70 | | | | |
| | Ø5,5-14,0 | | Bundles of 700-2000kg | ГОСТ535-88 ГОСТ2590-88 | Ст0, Ст3кп, Ст3пс - Ст6пс, Ст3сп - Ст6сп | ГОСТ380-94 | For manufacture of bearings, springs, for cold extrusion and other purposes | Bundles of 700-2000kg. External diameter -1250 mm internal-850 mm | |
| | Ø5,5-12,0 | | | | ГОСТ801-78 | 10, 20, 10кп и др. | | | ГОСТ14959-79 ГОСТ1050-88 ГОСТ4543-71 |
| | Ø5,5-14,0 | | | | ГОСТ535-88 ГОСТ2590-88 | Ст0, Ст3кп, Ст3пс-Ст6пс, Ст3сп-Ст6сп | | | ГОСТ380-94 |
| | Ø6,5-12,0 | | | | ГОСТ14959-79, ГОСТ2590-88 | 65 - 85, 60Г - 70Г, 51ХФА | | | ГОСТ1435-99 ГОСТ14959-79 |
| | Ø6,5-13,0 | | | | ГОСТ10702-78 | 10,20,25,35,40,10кп,20кп, 38ХА,38ХГНМА | | | ГОСТ1050-88, ГОСТ4543-71, ГОСТ10702-78 |
| | Ø5,5-14,0 | | | | ГОСТ535-88 ГОСТ2590-88 | Ст0 Ст3кп Ст3пс-Ст6пс Ст3сп-Ст6сп | | | Carbon ordinary quality, ГОСТ380-94 |
| | Ø6,5-13,0 | | | | Bundles of 700-2000kg | ГОСТ10702-78 | | | 10,20,25,35,40,10кп,20кп, 38ХА,38ХГНМА |
| 10,20,25,35,40,10кп,20кп 38ХА,38ХГНМА | | | | | | | | | |
| Ø5,5-12,0 | Bundles | | 10ч50, 38ХА, 38ХГНМ | Structural carbon и alloy, ГОСТ1050, ГОСТ4543-71 | | Bundles. Soft packaging (paper, cloth). Marking label | | | |
| Round rolled steel with special surface finish (in bundles in bars) - finish group В,Г,Д – bars - finish group Е – bundles | Ø5,5-8,0 | Bundles and bars of 700-2000kg | ГОСТ14955-77 | У7АчУ10А | Carbon tool, ГОСТ1435-74 | For different purposes | Bars - packaging in bundles (wooden boxes or paper and cloth). Marking label. Bundles of 700-2000kg | | |
| | | | | 12Х18Н10Т 12Х18Н9Т | High-alloy corrosion-resistant, ГОСТ5632-72 | | | | |
| | | | | 51ХФА | Spring alloy, ГОСТ14959-79 | | | | |
| | | | | 36Нч43Н 47НД, 29НК | Precision alloys, ГОСТ10994-74 | | | | |



Beloretsk Metallurgical Plant

rod

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|--|-------------|-------------------------------|--------------------------------------|--|---|---|-------------------|
| | Section, mm | Length, m | | | | | |
| Carbon ordinary quality steel rod | Ø5,5-14,0 | | ГОСТ30136-94, section ГОСТ2590-88 | St 0, St1kp-St3kp, St1ps-St3ps, St1cn-St3cn | ГОСТ380-94 | For packaging and other purposes | |
| Carbon steel rod | | | TY 14-1-5282-94, ГОСТ2590-88 | St 0, St1-St3 of all the degrees of reduction | | | |
| Rope and structural rod cooled by two-stage method | Ø5,5-12,0 | | TY14-173-94-99 | St 0, St1kp-St3kp, St1ps-St3ps, St1cn-St3cn | ГОСТ1050-74 ГОСТ14959-79 TY14-15-231-90 | | |
| Steel rod for metal cord | | | TY 14-15-113-82 | Class PD 35-60 65-85,60G-70G | | | |
| High-clean steel sorbitized rod | Ø5,5;6,5 | Bundles of 700- 2000 kg | TY 14-1-1881-76 | 70 cord | TY14-1-1881-76, Pr1206, meas. №5 | For metal cord | |
| Chromium-silicon steel rod by electroslag remelting | | | | | TY14-1-4752-89, sp 1206 meas. №5 | | |
| Welded rod | Ø6,5;8,0 | | TY 14-1-4752-89 | 70 | ГОСТ4543-71 ГОСТ10702-78 Pr 1364,pp863 | | |
| Alloy and high-alloy steel rod | | | | | TY14-173-149-87 | | |
| Rope steel and structural rod | Ø6,5;8,0 | | TY14-173-149-87 | 60C2XA-III | ГОСТ14959-79 | For welding wire | |
| Rod from bearing steel | | | | | TY14-1-4104-86 | | |
| | Ø6,5; 7,0 | | TY 14-1-582-73 | Cв-08 Cв-08Г1C | TY14-1-4104-86 TY14-173-182-89 ГОСТ380-94 | | |
| | | | | | TY14-1-2203-77 | | |
| | Ø6,5-8,0 | | TY14-173-146-83 | У7А,У8А,У10А | ГОСТ14959-79 | For manufacture of rods, in construction and other purposes | |
| | | | | | TY 14-1-5317-95 ГОСТ2590-88 | | |
| | Ø5,5-11,0 | | | 35-60, 65-85,60Г-80Г, 35-85 class BK,PK,KK | TY 14-1-1881-76, Pr1206, meas. №5 | | |
| | | | | | ГОСТ801-78 | | |



Beloretsk Metallurgical Plant

| Product | Dimensions | | Product specification | Steel grade | Steel specification | Use | Forms of delivery |
|--|-------------|-------------------------------|---|---|---------------------------------|-------------------------------------|--|
| | Section, mm | Length, m | | | | | |
| Tool steel rod | Ø6,5 | Bundles of 700-2000 kg | TY14-173-182-89 | Y7A, Y8A, Y9A and other | TY14-173-182-89, ASTMA510M | For needle wire | Bundles of 700-2000 kg. External diameter -1250 mm internal-850 mm |
| | Ø5,5-8,0 | | TY14-173-146-83 | | Y7A, Y8A, Y9A and other | | |
| | Ø5,5-8,0 | | | TY14-1-582-73 | | | |
| Carbon ordinary quality steel rod | Ø5,5-14,0 | | TY 14-1-5282-94 ГОСТ2590-88 | St 0, St1-St3 of all the degrees of reduction and other | ГОСТ380-94, TY14-15-231-90 | For packaging and other purposes | |
| Rope and structural rod cooled by two-stage method | Ø5,5-12,0 | | TY 14-15-113-82 | | Class ПД 35-60 65-85,60Г-70Г | TY 14-1-4752-89, Пп. 1206 change №5 | |
| Carbon ordinary quality steel rod | Ø5,5-11,0 | TY14-1-5283-94 ГОСТ2590-88 | St 0, St1-St3 of all the degrees of reduction and other | ГОСТ380-94 | For wire treatment | | |
| | | | | ГОСТ1050-88 ГОСТ14959-79, ПР.1192, TY14-1-5317-95 | | | |

