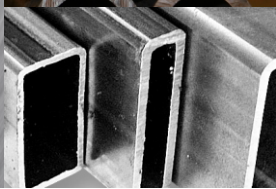




BELASTAHL

BELASTAHL AUßENHANDEL GmbH
PRODUCTS CATALOGUE



Contents:

1. Hot rolled round bars	3
2. Peeling and Polishing	5
3. Coils	6
4. Steel Cord	7
5. Bronze –plated bead wire	7
6. Reinforcing steel	8
7. Fiber	8
8. Seamless pipes	9
9. Square and rectangular pipe	10
10. Row Axles for Railway Industry	10
11. Certificates	11

Hot rolled round bars

For manufacturing of components and machine parts for engineering, automotive and construction industries

Standard

DIN EN 10025-2:2005, 10083-2:2006,
10084-3:2007

S235J2, S235JR, S355J2, C22R-C60R, C22E-C60E,
42CrMoS4, 42CrMo2

Steel grade

C15R, 16MnCrS5, 20MnCr5, 18MoCr4, 20MoCr4

For manufacturing of bearings

Steel grade

100Cr6, 100CrMnSi6-4

Standard

EN ISO 683-17

For manufacturing of components on automated machines

Steel grade

11SMn30

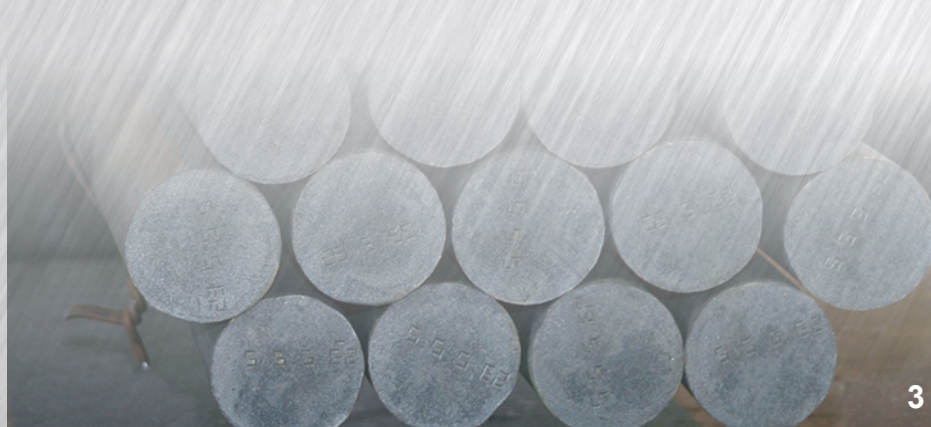
Standard

EN 10087: 1998

For manufacturing of springs, carriage springs

Steel grade

54SiCr6, 53SiCr6



Specification

Hot rolled round bars Ø 85-160 mm (rolling mill 850)

Diameter	85 - 160mm
Length	4 000-6 000mm; 8 000-12 000mm for D 160mm 5 000mm 10 000mm
Tolerance Ø mm	DIN EN 10060:2004 / P
85,95,100mm	+/- 1,3 mm
105,110,115,120	+/- 1,5 mm
125,130,135,140,145,150,160	+/- 2,0 mm
Straightness	DIN EN 10060:2004 max. 0,25% of length
Ovality	DIN EN 10060:2004: max. 75% of tolerance range.
Packing	Banding by wire rod Ø 6,5 mm, in 4 places
Bundles weight	2,5 - 5 t
Bundles Dia	max 800 mm

Hot rolled round bars Ø 30-80 mm (rolling mill 370/150)

Diameter	30-80 mm
Length	6 000-12 000 mm
Tolerance Ø mm	1/2 DIN EN 10060:2004 upon agreement 1/4 EN 10060:2004
Bevel	two sides at angle 30-45° +/- 1°, depth 1-5 mm
Straightness	DIN EN 10060:2004: max. 2,5 mm per meter
Ovality	Acc. DIN EN 10060:2004 max. 75% of tolerance range.
Heat treatment	A, AC,FP, N
Packing	steel strap (0,8-1,0x32 mm) in 6 places
Bundles weight	1,5 - 5 t
Bundles Dia	max. 500 mm

Peeling (just a rolling mill 370/150)

Diameter	28-78 mm
Quality	h9; h10; h11
Tolerance Ø	10278/10277
D 28-30	+0/-0,052 mm
D 30,1-50	+0/-0,062 mm
D 50,1-78	+0/-0,074 mm
Straightness	max. 1mm per meter

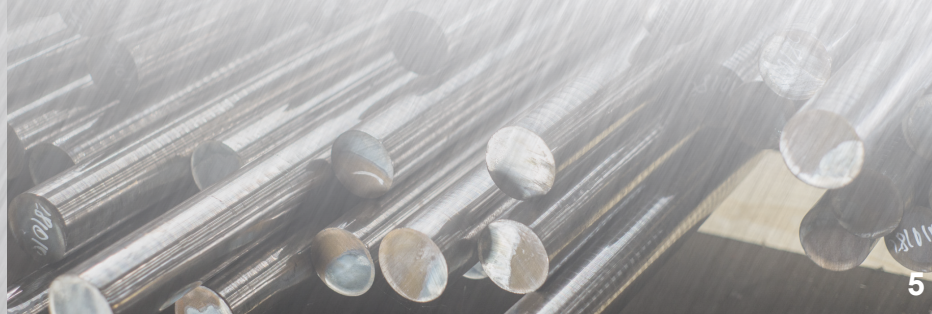
Polishing of rolling bars

Roughness parameter	H9, Ra max. 2,5 µm
---------------------	--------------------

Packing

Bar coating with anticorrosive materia	Increase corrosion resistance in transit and during storing not less 3 months
--	---

Mechanical damage and direct moisture protection.



Coils

Hot rolled round bars in coils Ø 30- 50 mm (Garret, rolling mill 370/150)

Diameter	30-50 mm
Tolerance Ø mm	1/2 DIN upon agreement 1/4 DIN EN 10060:2004
Ovality	Max. 75% of tolerance range
Heat treatment	A, AC,FP;N
Packing	steel strap (0,8-1,0x32 mm) in 4 places
Coil weight	Option 1: 1400-1800 kg. ; Option 2: 1800-2500 kg.

Quality control

Ultrasonic test	EN 10308 Kl.3, SEP1920, SEP1921
Surface control	EN 10221 Kl. B
Property control	Magnatest

Wire rod

High carbon wire rod

Diameter	5,5 - 20 mm
Steel grade	C40D- C92D
Standard	EN 10016-4

Carbon steel for wire drawing

Diameter	5,5-22 mm
Steel grade	SAE1008- SAE1060; C10D- C 38D
Standard	EN 10016-2

Steel Welding Wire: dia.0,80; 1,00; 1,20; 1,60mm

Carbon Steel Spring Wire: dia. 1,00 – 5,60mm

Carbon Steel Wire for Mesh: die 1,20 – 3,50 mm

Steel Spoke Wire : dia.1,97; 2,65; 3,0; 3,50mm

Steel Carbon Nail Wire: dia.1,30 – 6,00mm.

Steel Cord for Automobile and Truck Tires:

Steel grade: produced of high-carbon refined steel wire rod with the following chemical analysis:

- Carbon content – 0,67 – 0,95%
- Manganese content – 0,40-0,70%
- Silicon Content – not more than 0,30%

Product mix: 2x0,30 (HT); 2+2x0,25(HT); 2+1x0,28; 2+1x0,30; 3x0,30(HT); 2+2x0,28; 4x0,28; 3x0,28 HT; 3x0,30HT; 3x0,30OC HT; 4x0,175; 2x0,35UT; 2+1x0,26HT; 2+2x0,26HT; 2+1x0,28HT; 2+1x0,30HT; 4x0,25; 4x0,265; 4x0,25 OC; 4x0,30HT; 2x0,35(HT)(ST)(UT); 2+2x0,30ST; 4x0,38; 4x0,56; 2+2x0,35; 2+7x0,23; 2+7x0,23HT; 2+7x0,25; 2+7x0,28; 2+7x0,26HT; 2+7x0,22+0,15; 2+2x0,32HT; 2+2x0,35HT; 2+1x0,26HT; 2+1x0,38HT; 2+2x0,26HT; 2+2x0,30ST; 1+5x0,25OC; 1+5x0,185UT

Steel Cord for Truck Tires:

Product mix: 3x0,20+6x0,35; 3+9x0,20; 3+9x0,22+0,15; 3x0,22/9x0,20+0,15CC; 3x0,365/9x0,34+0,15CC; 0,20+18x0,175CC; 0,22+18x0,20CC; 3x0,20+6x0,35HT; 4x4x0,22HE; 4+3x0,41ST; 4+3x0,35UT; 3+2x0,35UT u.s.o.

Steel Cord for Heavy and Super Heavy Truck Tires

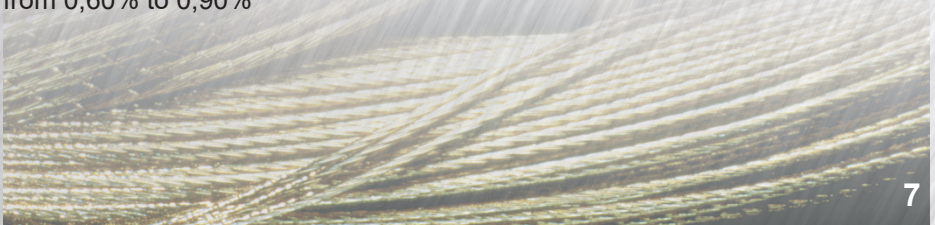
Product mix: 4x6,0,25HE; 3+9+15x0,22+0,15; 7x7x0,22+0,15; 7x7x0,25+0,15HT; 7x(3+9x0,245)+0,20HT; 7+(3+9+15x0,175)+0,20HT

Bronze –plated bead wire

Wire of two types: normal tensile (NT) and high tensile (HT)

Product mix: dia. 0,89; 0,965; 1,00; 1,27; 1,295; 1,30; 1,50; 1,55; 1,60; 1,65; 1,83mm

Steel grade: Made of high-carbon refined steel wire rod with carbon contents from 0,60% to 0,90%



Reinforcing steel

Bars

Steel grade	B500B
Range	10-32 mm
Standard	DIN 488-1,2:2009

Coils

Steel grade	B500A KR
Range	6-12 mm
Standard	DIN 488-1,3:2009

Fiber

Anchor fiber

Diameter/length	0,3; 0,35; 0,4; 0,5; 0,6 mm, l= 30 mm 0,8; 0,9; 1; 1,1 mm, l=50/60 mm
-----------------	--

Wavy fiber

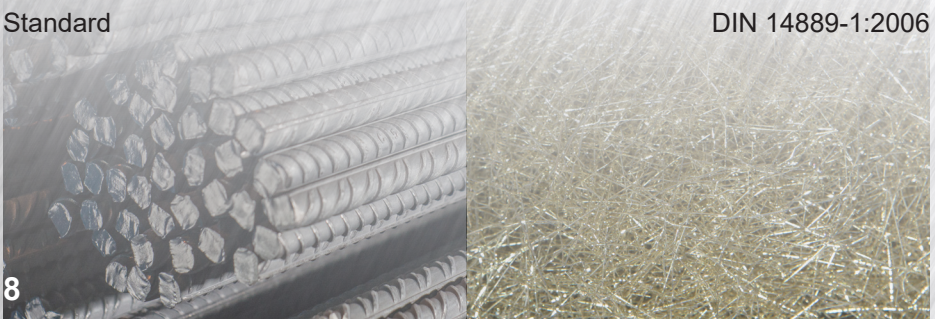
Diameter/length	0,3; 0,35; 0,4 mm, l= 15 mm 0,5; 0,6 mm, l= 18 mm 0,7 mm l= 22 mm
-----------------	---

Microfiber

Diameter/length	0,2 mm l= 6;10;12;14;18 mm 0,25 mm l=6;10;13;18;20 mm 0,3 mm l= 6;10;13;16;18;20 mm 0,35 mm l=6;10;11;13;16;18;20 mm 0,4 mm l=6;10;12;14;18;20 mm
-----------------	---

Standard

DIN 14889-1:2006



Seamless pipes

Outer diameter 60,3-168,3 mm

Wall thickness 4,6 - 24 mm

Length 6000 - 12000 mm

Materials E355; S355J0H; P355N; P355NH; S355J2H; St52.0; St35.8
P235TR1; P235TR2; E235; P235GH; S235JRH
P265TR1; P265TR2; P265GH; E275; St44.0; S275J0H; S275J2H

Standards DIN 1629; DIN EN 10216-3
EN 10297-1; EN 10210-1,2



Square and rectangular pipe

Steel grade S235
 Standard: EN 10219-1;-2;
 6-12 000 mm



2.0	3.0	4.0	5.0
20x20	-	-	-
25x25	25x25	-	-
30x20	30x20	-	-
30x30	30x30	-	-
40x20	40x20	-	-
40x25	40x25	-	-
40x30	40x30	-	-
40x40	40x40	40x40	40x40
50x25	50x25	-	-
50x30	50x30	50x30	-
50x40	50x40	50x40	-
50x50	50x50	50x50	50x50
60x30	60x30	60x30	-
60x40	60x40	60x40	60x40
60x60	60x60	60x60	60x60
-	70x70	70x70	70x70
80x40	80x40	80x40	80x40
-	80x60	80x60	80x60
-	80x80	80x80	80x80
-	100x40	100x40	-
-	100x50	100x50	100x50
-	100x60	100x60	100x60
-	100x80	100x80	100x80
-	100x100	100x100	100x100

Row Axles for Railway Industry

Row Axles for goods wagon
 Standard

in compliance with the drawing
 EN 13261:2009 + A1:2010



Certificates

ISO/TS 16949:2009

Certificate

Standard: **IATF 16949:2016**
(1st edition, 2016-10-01)

Certificate Registr. No.: 01 111 025043
IATF Certificate No.: I2064708

Certificate Holder: **Open Joint-Stock Company "Byelorussian Steel Works - management company of Byelorussian Metallurgical Company Holding"**
Promyshlennaya Str. 37
247210 Zhlobin, Gomel Region
Belarus

Scope: Design and production of steel cord and wire and rolled metal semi products

Proof has been furnished by means of an audit that the requirements of IATF 16949:2016 are met.

Issue date/Expiry date: The certificate is valid from 2018-01-10 until 2021-01-09.

Release date: 2018-01-10


 TÜV Rheinland GmbH
 Am Grauhof 100, 51109 Köln
 Germany - NRW


1 / 1




ISO 9001:2008



Certificate of Registration

APIQMS® REGISTRATION NUMBER
0767

This certifies that the quality management system of
OPEN JOINT-STOCK COMPANY BYELORUSSIAN STEEL WORKS
MANAGEMENT COMPANY OF BYELORUSSIAN METALLURGICAL
COMPANY HOLDING
 37, Promyshlennaya Str
 Zhlobin, Gomel Region
 Belarus

has been assessed by the American Petroleum Institute Quality Registrar (APIQMS®) and found it to be in conformance with the following standard:
ISO 9001:2008

The scope of this registration and the approved quality management system applies to the
Design and Manufacture of Line Pipe, Casing and Tubing

APIQMS® approves the organization's justification for excluding:
7.5.4 Customer Property

Effective Date: NOVEMBER 3, 2017
Expiration Date: SEPTEMBER 15, 2018
Registered Since: NOVEMBER 3, 2008


Her President, API Global Industry Services

APIQMS is a subsidiary of TÜV Rheinland. The American Petroleum Institute Quality Registrar (APIQMS) is a registered and audited and audited member of TÜV Rheinland. TÜV Rheinland is a member of the TÜV Group. The American Petroleum Institute Quality Registrar (APIQMS) is a registered and audited member of TÜV Rheinland. TÜV Rheinland is a member of the TÜV Group. The American Petroleum Institute Quality Registrar (APIQMS) is a registered and audited member of TÜV Rheinland. TÜV Rheinland is a member of the TÜV Group.

ISO 14001:2004

СЕРТИФИКАТ

СООТВЕТСТВИЯ СИСТЕМЫ МЕНЕДЖМЕНТА ТРЕБОВАНИИМ СТАНДАРТА ISO 14001:2004

В соответствии с программой сертификации подтверждено выполнение требований стандарта в организации:


Открытое акционерное общество «Белорусский металлургический завод» - управляющая компания холдинга «Белорусский металлургический комплекс»
 ул. Промышленная, 37, 247210, г. Жлобин, Гомельская обл., Республика Беларусь

в области:

Проектирование, разработка и производство интеркристаллитной закалки, сортировка и фасовка проката, листов, фасонных труб, металлоизделий, прокатки и стальной фольги

Регистрационный номер сертификата: ТИ 10 104 10308 Действителен до: 2018-03-27
 Номер лицензии: ТИ 2003-0001-00 Действителен до: 2018-03-26

Сертификация выполнена в соответствии с программой сертификации и стандартом ТИС в соответствии с требованиями стандарта.


№ 001 2015-01-05




UNITED NATIONAL GLOBAL COMPACT



United Nations Global Compact

RUE BYELORUSSIAN STEEL WORKS

Joins the Global Compact and commits to promoting the ten Principles of the Global Compact in its day to day operations

Human Rights:

Responsible management of human resources and labor practices in accordance with applicable laws and international human rights instruments.

Environment:

Responsible management of environmental aspects in accordance with applicable laws and international instruments.


Global Compact Participants since 31 August 2008:

Labor Standards:

Responsible management of labor practices in accordance with applicable laws and international instruments.

Anti-Corruption:

Responsible management of anti-corruption practices in accordance with applicable laws and international instruments.


 American Branch, UN Resident Coordinator
 UNDP Resident Representative in Belarus

To find out more about our extensive range
of products and services CONTACT US TODAY:

BELASTAHL Aussenhandel GmbH

Mauerstrasse 83/84, 10117 Berlin, Germany

Phone: +49 30 2265860

Fax: +49 30 226586-20

E-mail: belastahl@belastahl.com