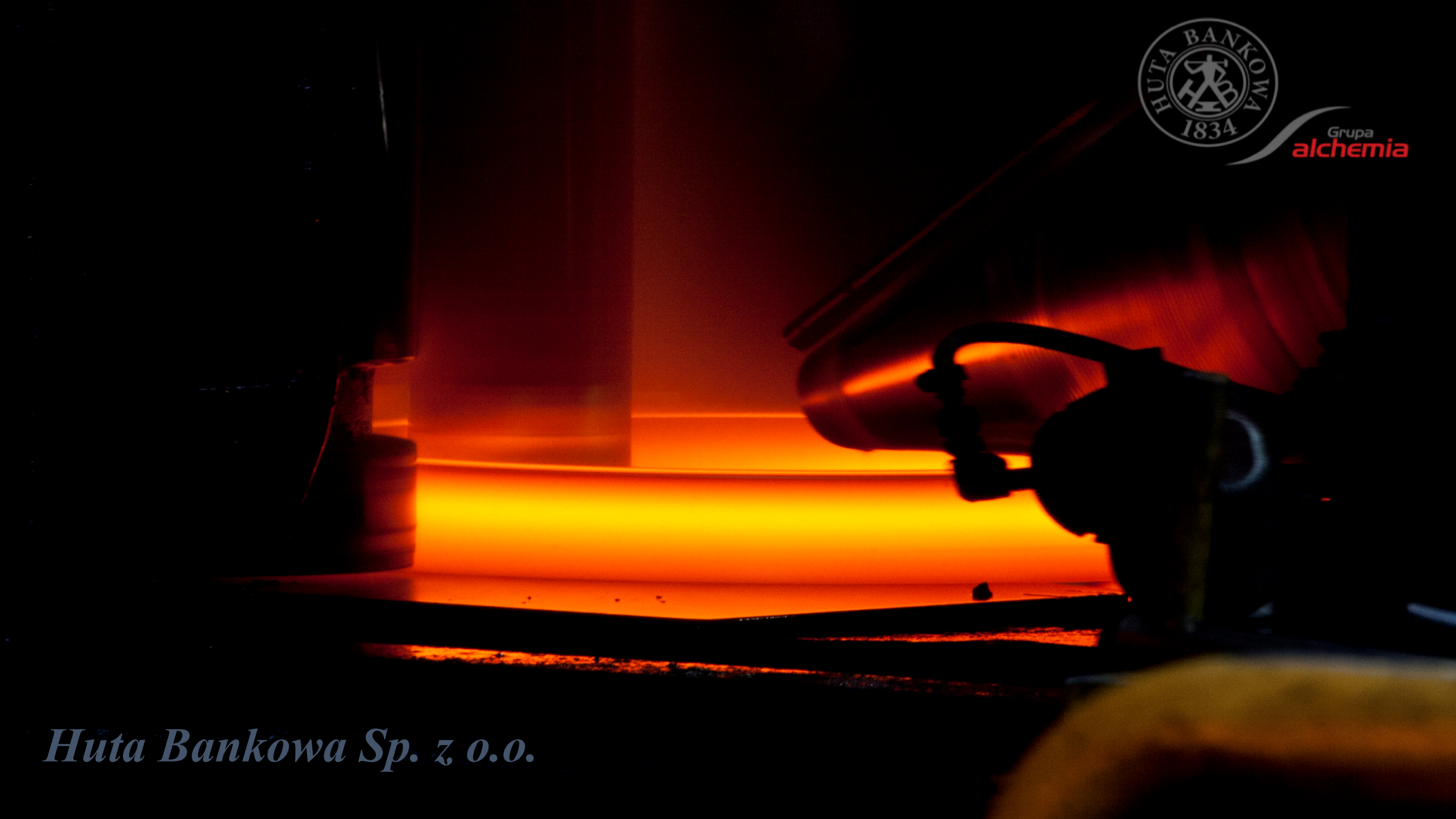


Huta Bankowa Sp. z o.o.

OUR VALUES

We are there to help you succeed your boldest projects.

Our rolled products are produced to last, optimizing the reliability and lifetime costs of your critical applications and structures. We can deliver rolled products with enhanced resistance to challenging service conditions, making your projects even more reliable.



Huta Bankowa has a longstanding reputation for quality. We supply long products, seamless rolled rings and railway tyres for a wide range of critical applications in which the quality of the steel is crucial to the safety of the equipment.

Huta Bankowa is more than a simple rolling mill. We work hand-in-hand with our customers to provide innovative solutions to the challanges they are facing..

INFORMATIONS

We manufacture and sell – on local and foreign markets – well processed products and services, which are environmentally friendly, guarantee satisfaction of our clients, and ensure stable living for our employees.
Huta Bankowa is the largest Polish producer of railway tyres essential for the rail wheel units for trains and trams. Recipients of railway tyres produced by the company – apart from Polish carriers – include Thai, Russian and Ukrainian rail. The company has a high-tech rolling mill producing rings and tyres, which enables constant expansion of the offer, whereas the high level of flexibility of the production line allows selecting many non-standard products in short – even single unit – series.
The company specializes in producing other specialist steel goods. Apart from the aforementioned tyres – those include forged and rolled rings, and long products such as: round rods, even-armed angle bars, and bulb flats for construction of ships. The long products made by Huta Bankowa are applied mainly in the rail sector and water transport as well as the construction industry. Angle bars made of high quality steel are used, amongst others, in construction, whereas round rods find application in architecturally-advanced designs of public utility buildings, or underground tunnels in Scandinavia.
Huta Bankowa also offers a wide selection of rolled blooms and billets for further processing and for heat improvement and normalization.
In addition, over half of the production of Huta is exported, amongst others, to Germany, Austria, Czech Republic, Scandinavian countries and the Benelux.

ALCHEMIA GROUP

HUTA BANKOWA is Poland's biggest manufacturer of railway wheel tyres and the owner of a state-of-the-art rolling mill for production of forged and rolled rings, used by transport companies. It offers products of the highest quality, indispensible in shipbuilding and power industries, including wind power engineering.

HUTA BATORY is among the major steel plants throughout Europe. Made of best-class alloys, seamless steel pipes by Huta Batory are intended for companies operating in the power industry, in crude oil and gas processing, in the production of machines, tools and arms, as well as in the construction of power plants (including solar power plants). Huta Batory is one of only few producers of P91 steel for the power industry.

RUREXPOL is a manufacturer of specialist pipes of basic diameters 121-298mm used mainly for carrying and exploiting crude oil and gas. To meet the needs of power industry, Rurexpol produces alloy and structural tubes, which are machined at later stages to make elements of hydraulic servo-motors and load-bearing structures, like halls. Products supplied by the company were used to construct such facilities as the Legia stadium in Warsaw, interchanges and motorway overpasses

KUŹNIA BATORY manufactures forged products, and, as the only company in Poland, produces high-quality ESR steel. Steel elements are made for example for power industry. They are characterised by high metallurgic purity. The company has more than a 50% share in the market of forged bars of dimensions of 30-650mm and a share of almost 30% in the market of forged shapes (weight percentage)

WALCOWNIA RUR ANDRZEJ (WRA) manufactures hot-rolled seamless pipes of small diameters (21.3mm to 114.3mm) and 2.0 to 10mm in thickness. They are used in gas engineering, construction, power, chemical and shipbuilding industries, as well as to build machines for petrochemical purposes.

OUR PRODUCTS

Long product department

- Round bars
- Square billets
- Square rods
- Angels
- Bulb flats



Ring rolling mill

- Seamless rolled rings
- Railway Tyres
- Tramway tyres



Certification and Accreditation

The certification of our products includes, but is not limited to, the following Classification Societies: American Bureau of Shipping (ABS), DET Norske Veritas (DNV), Llloyds Register of Shipping (LRS), etc.



ABS

CERTIFICATE OF
ROLLED BARS - MACHINERY
FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of
HUTA BANKOWA SP. Z O.O.
UL. SOBIESKIEGO 24, DABROWA GORNICZA, Poland, PL-41300

Steel Rolled Bar components for marine applications

Marcus Cridland
Chief Metallurgist, ABS

OUR PRODUCTS

HUTA BANKOWA long products, rings and tyres are made in a wide variety of steel grades available on our site:

- Weldable carbon steels
- Low alloy steels

Available for delivery: Black or Rough-machined (from drawings/rectangular pre-turning)

Certification and Accreditation

It is Huta Bankowa's aim to give first class service at all times.
We deliver superior solutions through our skilled staff, high quality systems and processes.
We believe in a continuous improvement strategy not only focused on quality but also safety and the environment.

All Huta Bankowa ringmill departments have implemented systems compliant with ISO 9001, ISO 14001 and ISO 18001.


BUREAU VERITAS Certification

Certyfikat

Huta Bankowa Sp. z o.o.
ul. Sobieskiego 24, 41-300 DĄBROWA GÓRNICZA

NORMA

PN-N 18001:2004

ZAKRES CERTYFIKACJI

PROJEKTOWANIE, WYTWARZANIE I DOSTAWA W STANIE SUROWYM LUB OBRABIANYM CIEPLNIE:
-WALCOWANYCH NA GORĄCO PRĘTÓW OKRĄGŁYCH I PŁASKICH OGÓLNEGO I SPECJALNEGO STOSOWANIA, PRĘTÓW DO PRODUKCJI BUTLI GAZOWYCH, KĘSÓW DO KUCIA I PRODUKCJI RUR, KSZTAŁTOWNIKÓW DO BUDOWY STATKÓW I KONSTRUKCJI STALOWYCH, ZE STALI KONSTRUKCYJNYCH WĘGLOWYCH I STOPOWYCH
-KUTO- WALCOWANYCH PIERŚCIENI I OBRĘCZY KOLEJOWYCH ZE STALI WĘGLOWYCH I STOPOWYCH

Data rozpoczęcia cyklu certyfikacji: 20 sierpnia 2017

Pod warunkiem stałego zadowalającego działania Systemu Zarządzania, certyfikat jest ważny do: 19 sierpnia 2020

Data wydania: 29 sierpnia 2017

Numer Certyfikatu: PL007481/P

Piotr Popławski
Local Technical Manager

PCA
AC 081
BHP


BUREAU VERITAS Certification

Certyfikat

HUTA BANKOWA Sp. z o.o.
ul. Sobieskiego 24, 41-300 DĄBROWA GÓRNICZA

NORMY

ISO 9001:2015
ISO 14001:2015

ZAKRES CERTYFIKACJI

PROJEKTOWANIE, WYTWARZANIE I DOSTAWA W STANIE SUROWYM LUB OBROBIONYM CIEPLNIE:
- WALCOWANYCH NA GORĄCO PRĘTÓW OKRĄGŁYCH I PŁASKICH OGÓLNEGO I SPECJALNEGO STOSOWANIA, PRĘTÓW DO PRODUKCJI BUTLI GAZOWYCH, KĘSÓW DO KUCIA I PRODUKCJI RUR, KSZTAŁTOWNIKÓW DO BUDOWY STATKÓW I KONSTRUKCJI STALOWYCH, ZE STALI KONSTRUKCYJNYCH WĘGLOWYCH I STOPOWYCH.
- KUTO-WALCOWANYCH PIERŚCIENI I OBRĘCZY KOLEJOWYCH ZE STALI WĘGLOWYCH I STOPOWYCH.

Data rozpoczęcia cyklu certyfikacji: 29 października 2017

Pod warunkiem stałego zadowalającego działania Systemu Zarządzania, certyfikat jest ważny do: 28 października 2020

Data wydania: 27 października 2017

Numer Certyfikatu: PL007610/P

Piotr Popławski
Local Technical Manager

PCA
AC 081
QMS
EMS

HUTA BANKOWA 1834

Grupa alchemia

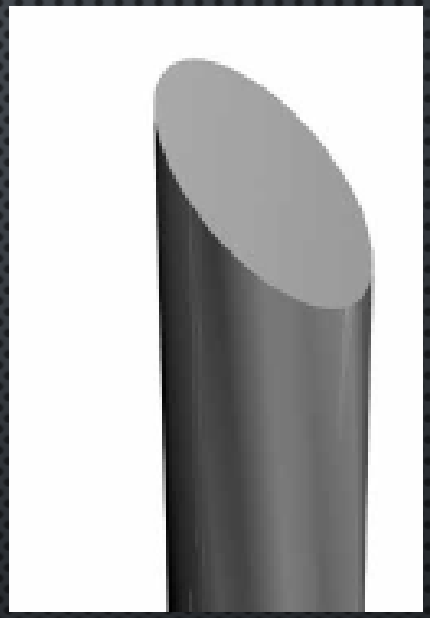
ROUND BARS

ROUND BARS are manufactured as HOT-ROLLED of the following sizes and tolerances

Diameter: 90÷150 mm
Tolerances of the diameter acc. to EN 10060
Length : 3÷12 m or other dimensions within the range, tolerance of cutting +100/-0 mm

Diameter: 155÷180 mm
Tolerances of the diameter acc. to EN 10060
Length : for fixed length 12 m with tolerance +0/-200 mm

Diameter: 190÷250 mm
Tolerances of the diameter acc. to EN 10060
Length : 3÷6 m



ROUND BARS manufacturing specification:
acc. to PN-H-93000:1994 – bars of ordinary steel
acc. to PN-H-93001:1985 – bars of quality steel
acc. to the certifications EN standard
STRAIGHTNESSS
Straightness tolerance max. 0,25% of the product length
SPECIFICATIONS OF THE DELIVERY
Round bars are delivered as rolled, normalised, soft annealed or quenched and tempered
PACKAGING
Round bars are delivered loose or in bundles of max. 3.5 ton weight
ACCEPTANCE TESTS / CERTIFICATES
Acceptance tests are performed according to conditions of appropriate standards determined by the Huta Bankowa’s Quality Control Service or external representatives of Classifying Associations determined by the customer. The test results are confirmed in the Certificates: 2.2; 3.1; 3.2 according to the EN 10204 Standard.
GRADES OF STEEL
Round bars are manufactured of carbon and alloy steel according to the EN 10025; EN 10083; EN 10084; EN 10273, DIN 17243 or other agreed while ordering

SQUARE BILLETS

SQUARE BILLETS are manufactured as HOT-ROLLED of the following sizes and tolerances

Diameter: 80÷90 mm
Tolerances of the square's side +2,0/-3,0
Length :2÷8 or other dimensions within the range, tolerance of cutting + 100/-0 mm

Diameter: 100÷120 mm
Tolerances of the square's side +2,5/-3,5
Length : 2÷8 or other dimensions within the range, tolerance of cutting + 100/-0 mm

Diameter: 130÷140 mm
Tolerances of the square's side +3,0/-4,0
Length : 2÷8 or other dimensions within the range, tolerance of cutting + 100/-0 mm



SQUARE BILLETS with round edges:
Manufacturing specifications:
acc. to PN-H-93020:1981 – dimensions
acc. to PN-H-93021:1989 – die forging
acc. to PN-H-93022:1989 – rolling and forging
acc. to PN-H-93000:1984 – ordinary steel for mechanical treatment
acc. to PN-H-93001:1985 – quality steel for mechanical treatment
acc. to the certifications EN standard
STRAIGHTNESSS
Straightness tolerance max. 2% of the product length
SPECIFICATIONS OF THE DELIVERY
Billets are delivered as rolled, soft annealed or normalised
PACKAGING
Billets are delivered loose or in bundles of max. 3.5 ton weight
ACCEPTANCE TESTS / CERTIFICATES
Acceptance tests are performed according to conditions of appropriate standards determined by the Huta Bankowa's Quality Control Service or external representatives of Classifying Associations determinated by the customer. The test results are confirmed in the Certificates: 2.2; 3.1; 3.2 according to the EN 10204 Standard.
GRADES OF STEEL
Square billets are manufactured of carbon and alloy steel according to the EN 10025; EN 10084; EN 10273 or/and other agreed while ordering

SEAMLESS ROLLED RINGS

Huta Bankowa can offer rough-rolled and pre-machined rings for various applications and in a number of steel grades. We have been cooperating with major Polish and European companies which operate in construction, machinery and wind power energy industries. Huta Bankowa's seamless rolled rings meet the most stringent requirements of strenght, toughness and fatigue resistance whatever the market or apllication (marine, renewable Energy, building and civil engineering etc.).

Our seamless rolled rings are perfectly designed to produce:

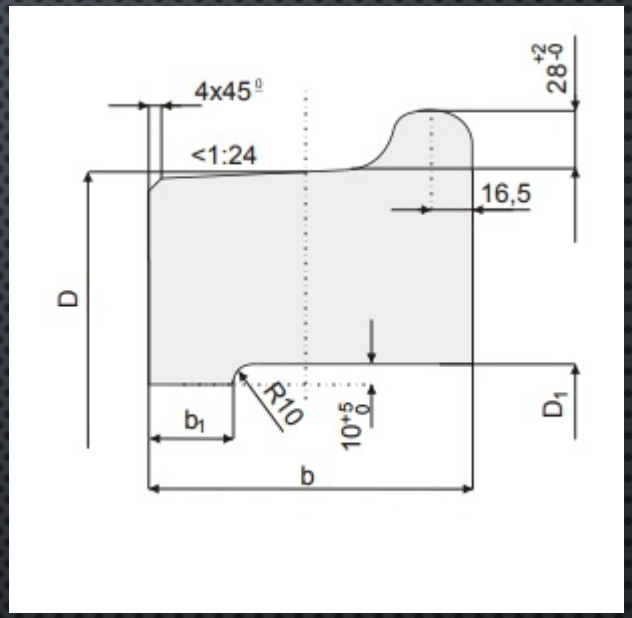
- slewing rings
- Bearings
- Gearbox components
- Coupling systems
- Wear rings
- Flanges
- etc.

SEAMLESS ROLLED RINGS				
Profile contour				
Rectangular, square, or profile (contour to be agreed)				
Outer diameter DZ [mm]	Wall thickness S [mm]	Height H [mm]	Minimal unit weight [kg]	Maximal unit weight [kg]
280-3600	30-400	35-560	50	2500
Rings of outer diameter over 3000 mm, height 400 mm and weight below 50 kg or above 2500 kg should be agreed while ordering				

RAILWAY TYRES

Rough Wheel Tyres for wheel sets of railway rolling stock are manufactured as forged and rolled of the following sizes and tolerances:

Size	D		D_1		b*		b_1		Weight
(mm)	(mm)		(mm)		(mm)		(mm)		1 pcs (kg)
850	855	+8/-0	690	+0/-10	139	+3/-1	40	+3/-0	265
920	925		760						295
940	945		800						265
960	965		800						310
1000	1005		840						320
1040	1045		880		144		30		330
1100	1105		940						360
1250	1255		1090						415



RAILWAY TYRES

Manufacturing specification

acc. to PN-K-91032:1991 – dimensions and profiles
acc. to PN-K-91042:1993 – specifications and testing
acc. to PN-H-84027-06:1984 – grades of steel
acc. to UIC 810-1 – specifications and testing
acc. to UIC 810-2 – tolerances of dimension
sacc. to BS 5892 cz.4/1992 – manufacturing and testing
acc. to GOST 398-2010 – specifications and testing
acc. to DSTU 3717-98 – dimensions and profiles
acc. to GOST R 52366-2005 – dimensions and profiles
acc. to GOST 5000-83 – dimensions and profiles

SPECIFICATIONS OF THE DELIVERY
Rough wheel tyres are delivered as normalised or quenched and tempered
PACKAGING
Wheel tyres are delivered loose, or bundles 3 - 4 pcs.

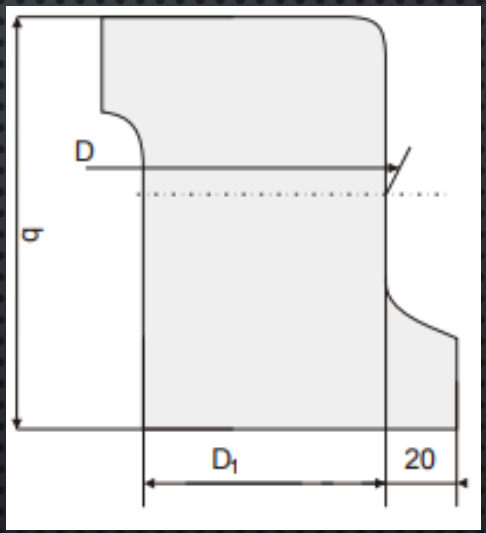
ACCEPTANCE TESTS / CERTIFICATES Acceptance tests are performed according to specifications of appropriate standards, as determined by the Huta Bankowa Company's Quality Control Service, and/or indicated by the Customer. The test results are confirmed in the Certificates: 3.1; 3.2 according to the EN 10204 Standard
GRADES OF STEEL

- PN-H-84027-6:1984 (P54, P55A, P60)
- UIC 810-1 (B1, B2, B3, B4, B5, B6)
- BS 5892 cz.4/92 r. (B1, B2, B3, B4, B5, B6, B7)
- GOST 398 (2, 4)
- other grades to be agreed while ordering

TRAMWAY TYRES

Rough Tramway Tyres for tram wheel sets are manufactured as forged and rolled of the following sizes and tolerances:

Outer Diameter (mm) D		Inside Diameter (mm) D_1		Width (mm) b	
Scope	Tolerance	Scope	Tolerance	Scope	Tolerance
400-750	+14/-4	270-600	+4/-8	90-124	±3



TRAMWAY TYRES

Manufacturing specification

acc. to BN-91/3554-06
acc. to UIC 810-1 ed. V

SPECIFICATIONS OF THE DELIVERY
Rough tyres are delivered as quenched and tempered
PACKAGING
Tyres are delivered loose, or in bundles on pallets
ACCEPTANCE TESTS / CERTIFICATES
Acceptance tests are performed according to conditions of appropriate standards determined by the Huta Bankowa's Quality Control Service or external representatives of Classifying Associations determinated by the customer. The test results are confirmed in the Certificates: 3.1; 3.2 according to the EN 10204 Standard
GRADES OF STEEL

GRADES OF STEEL
- PN-H-84027-6:1984 (P60, P70)
- UIC 810-1 (B1, B2, B3, B4, B5, B6)
- BS 5892 cz.4/92 r. (B1, B2, B3, B4, B5, B6, B7)
- other grades to be agreed while ordering

OUR STRENGTHS



- Huta Bankowa has produced rolled long products, rings and tyres for over a century, and is constantly looking for ways of providing its customers with the best products and services.
- Rolling and heat treatment of our products is carried out with the utmost professionalism, in order to manufacture products that meet your highest expectations.
- Short and respected lead times for the delivery of our products that allow you to optimize the management of your activity and focus on your core business
- Unmatched service and flexibility, to help you deal with the unexptected

CONTACT US



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