



THE ONLY FULL-CYCLE MANUFACTURER

PRODUCT CATALOGUE

Seamless steel pipe
Rebar
Rolled steel balls
Ferroalloys

API / GOST

Compliance with standards

500 000 TONNES

Of finished products per year

1. About KSP Steel	4
2. Licences and certificates	6
3. Delivery geography	8

PRODUCT RANGE

4. Pipe products

4.1 Tubing	11
4.2 Casing	16
4.3 Couplings	21
4.4 Line pipe	22
4.5 General-purpose pipe	25
4.6 Boiler tubes	27
4.5 Gas lift pipe	28
4.7 Corrosion-resistant pipe	29

5. Other products:

5.1 Continuous cast billet	30
5.2 Hot-rolled rebar	31
5.3 Rolled steel balls	32
5.4 Ferroalloys	33
5.5 Industrial gases: oxygen, nitrogen, argon	34

6. KSP Steel partners:

6.1 Our partners	35
------------------------	----



KSP STEEL — SEAMLESS PIPE

MADE IN KAZAKHSTAN FOR THE OIL AND GAS INDUSTRY

The first company in Kazakhstan to master the production of seamless steel pipe for the oil and gas sector. Since 2007 the company has consistently built a production model that today combines a full in-house production cycle, engineering expertise, multi-level quality control and international certificates.

270 000 tonnes/year

Design capacity of the plant



> 3 000

Qualified specialists



20 years

On the market



1 330 000 m²

Total area of production facilities



FOUR PRODUCTION LINES FORM A DIVERSIFIED COMPLEX



Pipe rolling plant

Commissioned in 2007 to expand capacity. Produces seamless pipe to API 5L, API 5CT, ASTM and GOST requirements.



Steelmaking plant

The in-house steelmaking shop supplies the pipe mill with continuous cast billet and sustains a full production cycle.



Long products plant

Production of rolled steel balls for the mining industry and rebar for industrial and civil construction.



Ferroalloy plant

A complex with three furnaces rated at 9 and 24 MVA expands the product portfolio and the company's own raw material base.

FULL PRODUCTION CYCLE: FROM BILLET TO FINISHED PIPE

The entire production cycle is concentrated at a single site: from hot rolling and heat treatment to finishing, multi-stage quality control, packing and shipment, with full traceability at every stage.

The plant is equipped by Danieli Group – the world leader in metallurgical engineering – combined with high-precision units from leading manufacturers in Germany, the USA, Belgium, Japan and Austria.

This delivers:

- Consistent quality from batch to batch;
- Exact compliance with geometric and mechanical parameters;
- Minimum risk of rejects thanks to multi-stage control.

10

Production lines and sections



62

Equipment items



104

Units of equipment in total



01

Hot rolling of pipe
billet at 3.4 m/s

02

Heat treatment
and stabilisation
of metal
properties

03

Finishing of pipe
products

04

Multi-stage quality
control

05

Packing of
finished products

LICENCES AND CERTIFICATES



API Q1 certificate, 10th edition



ISO 9001:2015 certificate



API Spec 5CT monogram certificate



API Spec 5L monogram certificate

IN-HOUSE RESOURCES ALLOW US TO CONTROL PRODUCTS THROUGHOUT THE ENTIRE PRODUCTION CYCLE

The company has confirmed the conformity of its management systems and pipe products with technical regulations, international API specifications and industry voluntary certification systems.



American
Petroleum
Institute



ASTM
INTERNATIONAL



Quality management system – API Spec Q1

The company is authorised to use the official API monogram, and its products are certified to **API Spec 5CT** and **API Spec 5L**.

Customs Union technical regulations

Conformity confirmed with **TR CU 010** and **TR CU 032**

Voluntary certification

Products are certified in the GOST and Intergazsert systems

API 5CT API 5L ISO 11960 GOST 632-80 GOST 633-80

GOST 8731/8732 GOST 31446 GOST 32528 TU 14-3R-29

TU 14-3R-55 TU 14-3R-1128 TU 14-3-1128 TU 1317-006.1

TU 1317-008 TU 1317-013 TU 24.20.13.110



DELIVERY GEOGRAPHY



>40

points of presence of KSP Steel products

100 MLN
TONNES

of products delivered across
Russia and the CIS

Products are shipped throughout Kazakhstan, to Russia and the CIS countries. Sea logistics via the port of Aktau opens routes to the Caspian region and supports export deliveries.



PRODUCT RANGE

Pipe products for oil and gas, power and industrial projects

Tubing



Ø from 2 3/8" (60.3 mm) to 4 1/2" (114.3 mm)

Casing



Ø from 4 1/2" (114.3 mm) to 9 5/8" (244.5 mm)

Line pipe



Ø from 2 3/8" (60.3 mm) to 10 3/4" (273 mm)

Boiler tubes



Outside diameter range: 60–273 mm

Long products



Rolled steel balls; hot-rolled rebar

Products for metallurgy



Continuous cast billet; ferroalloys

270 000 TONNES/YEAR

Design capacity of the KSP Steel plant,
expandable **to 350 000 tonnes**



TUBING

The seamless design eliminates lamination and loss of pressure integrity – the pipe retains its integrity even in prolonged service in sour and corrosive environments.

Precision threaded connections keep the string gas-tight for its entire service life and allow sections to be replaced promptly without pulling the whole string or shutting in the well.

A wall thickness of 5 to 16 mm covers a wide range of operating conditions, from standard to heavy-duty wells.

Certificates of conformity:

- ✓ API Spec 5CT monogram certificate
- ✓ GOST 633-80
- ✓ ST RK ISO 11960
- ✓ Manufacturing site assessment
INTI.QS.PS.30-10-20230-541

 Pipe diameter
60–114 mm

 Wall thickness
5–16 mm



GOST 633-80 Tubing and couplings

Grades:

D · K · E · L · M · R

End finishes:

plain-end and external-upset ends – V

Type of threaded connection:

rounded triangular thread, cl. 2.13 of GOST 633-80

Design:

A · B

Plain-end pipe and couplings

Dimensions, mm

Nominal pipe size	Outside diameter D	Wall thickness s	Inside diameter d	Mass per m, kg	Outside diameter D (coupling)	Length L	Mass, kg
60	60.3	5	50.3	6.8	73	110	1.3
73	73	5.5	62	9.2	88.9	132	2.4
73	73	7	59	11.4	88.9	132	2.4
89	88.9	6.5	75.9	13.2	108	146	3.6
102	101.6	6.5	83.6	15.2	120.6	150	4.5
114	114.3	7	100.3	18.5	132.1	156	5.1

External-upset-end pipe and couplings – V

Dimensions, mm

Nominal pipe size	Pipe							Coupling		
	Outside diameter D	Wall thickness s	Inside diameter d	Outside diameter of upset D ₁ (tol. +1, -5)	Upset length l min	Mass per m of plain-end pipe, kg	Mass added by upsetting both ends, kg	Outside diameter D	Length L	Mass, kg
60	60.3	5	50.3	65.9	89	6.8	0.7	77.8	126	1.5
73	73	5.5	62	78.6	95	9.2	0.9	93.2	134	2.8
73	73	7	59	78.6	95	11.4	0.9	93.2	134	2.8
89	88.9	6.5	75.9	95.2	102	13.2	1.3	114.3	146	4.2
89	88.9	8	72.9	95.2	102	16	1.3	114.3	146	4.2
102	101.6	6.5	88.6	108	102	15.2	1.4	127	154	5
114	114.3	7	100.3	120.6	108	18.5	1.6	141.3	160	6.3

GOST 31446 Casing and tubing for the oil and gas industry. General specifications**Grades:**

H40 · J55 · K55 · K72 · L80 · N80 · C90 · T95 · R95 · P110 · Q125

Dimensions, masses, grades and end finishes of tubing

Outside diameter D, mm	Nominal mass per unit length, threaded and coupled, kg/m				Wall thickness t, mm	Pipe end finish by grade								
	NU	EU	NKT	NKTV		H40	J55	K72	L80	N80	C90/T95	R95	P110	Q125
60.32	5.95	—	5.99	6.12	4.24	PN	PNKH	—	PNKH	PNKH	PNKH	—	—	PKH
	6.85	6.99	6.73	6.86	4.83	PNU	PNUKH	—	PNUKH	PNUKH	PNUKH	PKH	PNUH	PKH
	—	—	6.94	7.06	5.00	—	PKH	PKH	PKH	PKH	PKH	PKH	PH	PKH
	8.63	8.85	8.67	8.79	6.45	—	—	—	PNUKH	PNUKH	PNUKH	PKH	PNUKH	PKH
	—	—	—	—	7.49	—	—	—	P	—	P	p	—	—
	—	11.09	—	—	8.53	—	—	—	PU	—	PU	p	—	—
73.02	9.52	9.67	9.41	9.61	5.51	PNU	PNUKH	PNUKH	PNUKH	PNUKH	PNUKH	PKH	PNUKH	PKH
	11.61	11.76	11.62	11.82	7.01	—	PKH	PNUKH	PNUKH	PNUKH	PNUKH	PKH	PNUKH	PKH
	12.80	12.95	—	—	7.82	—	—	—	PNU	PNU	PNU	—	PNU	—
	—	14.06	—	—	8.64	—	—	—	PU	—	PU	—	—	—
	—	—	—	—	9.96	—	—	—	P	—	P	—	—	—
	—	—	—	—	11.18	—	—	—	P	—	P	—	—	—
88.90	11.46	—	—	—	5.49	PN	PN	—	PN	PN	PN	—	—	—
	13.69	13.84	13.47	13.78	6.45	PNU	PNUKH	PNUKH	PNUKH	PNUKH	PNUKH	PKH	PNUKH	PKH
	15.18	—	15.09	15.39	7.34	PN	PNKH	—	PNKH	PNKH	PNKH	PKH	PKH	PKH
	—	—	16.27	16.58	8.00	—	PKH	PHC	PKH	PKH	PKH	PKH	PKH	PKH
	18.90	19.27	18.92	19.22	9.52	—	—	—	PNUKH	PNUKH	PNUKH	PKH	PNUKH	PKH
	—	—	—	—	10.92	—	—	—	P	—	P	—	—	—
	—	—	—	—	12.09	—	—	—	P	—	P	—	—	—
	—	—	—	—	13.46	—	—	—	P	—	P	—	—	—
101.60	14.14	—	—	—	5.74	PN	PN	—	PN	PN	PN	—	—	—
	—	—	15.69	15.98	6.50	—	PKH	PKH	PKH	PKH	PKH	PKH	PKH	PKH
	—	16.37	16.01	16.31	6.65	PU	PUKH	—	PUKH	PUKH	PUKH	PKH	PKH	PKH
	—	—	—	—	8.38	—	—	—	P	—	P	—	—	—
	—	—	—	—	10.54	—	—	—	P	—	P	—	—	—
	—	—	—	—	12.70	—	—	—	P	—	P	—	—	—
	—	—	—	—	15.49	—	—	—	P	—	P	—	—	—
114.30	18.75	18.97	18.71	19.15	6.88	PNU	PNUKH	—	PNUKH	PNUKH	PNUKH	PKH	PKH	PKH
	—	—	18.92	19.44	7.00	—	PKH	PKH	PKH	PKH	PKH	PKH	PKH	PKH
	—	—	—	—	8.56	—	—	—	P	—	P	—	—	—
	—	—	—	—	9.65	—	—	—	P	—	P	—	—	—
	—	—	—	—	10.92	—	—	—	P	—	P	—	—	—
	—	—	—	—	12.70	—	—	—	P	—	P	—	—	—
	—	—	—	—	14.22	—	—	—	P	—	P	—	—	—
	—	—	—	—	16.00	—	—	—	P	—	P	—	—	—

P — plain end; N — for NU connection; U — for EU connection; H — for NKTV connection; K — for NKT connection

Products can also be manufactured to GOST R 53366-2009 requirements

ST RK ISO 11960 Steel pipes used in wells as casing or tubing

Grades:

H40 · J55 · L80 · N80 · C90 · C95 · T95 · P110

End finish:

plain end · NU (non-upset) · EU (external upset)

Dimensions, masses, wall thickness, grade and applicable end finish

Labels				Outside diameter	Nominal linear masses ^{a, b}				Type of end finish						
1	2				Non-upset	External upset	Integral joint	Wall thickness							
	NU T&C	EU	IJ	D, mm	kg/m	kg/m	kg/m	t, mm	H40	J55	L80 C95	N80 Type 1,Q	C90	T95	P110
2 3/8	4.00	—	—	60.32	5.95	—	—	4.24	PN	PN	PN	PN	PN	PN	—
	4.60	4.70	—	60.32	6.85	6.99	—	4.83	PNU	PNU	PNU	PNU	PNU	PNU	PNU
	5.80	5.95	—	60.32	8.63	8.85	—	6.45	—	—	PNU	PNU	PNU	PNU	PNU
	6.60	—	—	60.32	9.82	—	—	7.49	—	—	P	—	P	P	—
	7.35	7.45	—	60.32	10.94	11.09	—	8.53	—	—	PU	—	PU	PU	—
2 7/8	6.40	6.50	—	73.02	9.52	9.67	—	5.51	PNU	PNU	PNU	PNU	PNU	PNU	PNU
	7.80	7.90	—	73.02	11.61	11.76	—	7.01	—	—	PNU	PNU	PNU	PNU	PNU
	8.60	8.70	—	73.02	12.80	12.95	—	7.82	—	—	PNU	PNU	PNU	PNU	PNU
	9.35	9.45	—	73.02	13.91	14.06	—	8.64	—	—	PU	—	PU	PU	—
	10.50	—	—	73.02	15.63	—	—	9.96	—	—	P	—	P	P	—
	11.50	—	—	73.02	17.11	—	—	11.18	—	—	P	—	P	P	—
3 1/2	7.70	—	—	88.90	11.46	—	—	5.49	PN	PN	PN	PN	PN	PN	—
	9.20	9.30	—	88.90	13.69	13.84	—	6.45	PNU	PNU	PNU	PNU	PNU	PNU	PNU
	10.20	—	—	88.90	15.18	—	—	7.34	PN	PN	PN	PN	PN	PN	—
	12.70	12.95	—	88.90	18.90	19.27	—	9.52	—	—	PNU	PNU	PNU	PNU	PNU
	14.30	—	—	88.90	21.28	—	—	10.92	—	—	P	—	P	P	—
	15.50	—	—	88.90	23.07	—	—	12.09	—	—	P	—	P	P	—
	17.00	—	—	88.90	25.30	—	—	13.46	—	—	P	—	P	P	—
4	9.50	—	—	101.60	14.14	—	—	5.74	PN	PN	PN	PN	PN	PN	—
	10.70	11.00	—	101.60	—	16.37	—	6.65	PU	PU	PU	PU	PU	PU	—
	13.20	—	—	101.60	19.64	—	—	8.38	—	—	P	—	P	P	—
	16.10	—	—	101.60	23.96	—	—	10.54	—	—	P	—	P	P	—
	18.90	—	—	101.60	28.13	—	—	12.70	—	—	P	—	P	P	—
	22.20	—	—	101.60	33.04	—	—	15.49	—	—	P	—	P	P	—
4 1/2	12.60	12.75	—	114.30	18.75	18.97	—	6.88	PNU	PNU	PNU	PNU	PNU	PNU	—
	15.20	—	—	114.30	22.62	—	—	8.56	—	—	P	—	P	P	—
	17.00	—	—	114.30	25.30	—	—	9.65	—	—	P	—	P	P	—
	18.90	—	—	114.30	28.13	—	—	10.92	—	—	P	—	P	P	—
	21.50	—	—	114.30	32.00	—	—	12.70	—	—	P	—	P	P	—
	23.70	—	—	114.30	35.27	—	—	14.22	—	—	P	—	P	P	—
	26.10	—	—	114.30	38.84	—	—	16.00	—	—	P	—	P	P	—
P — plain end; N — non-upset, threaded and coupled; U — external upset, threaded and coupled															

P — plain end; N — non-upset, threaded and coupled; U — external upset, threaded and coupled

API 5CT Casing and couplings. Specifications

Grades:

H40, J55, L80, N80, C90, T95, P110

End finish:

plain end, NU (non-upset), EU (external upset)

Dimensions, masses, wall thickness, grade and applicable end finish

Labels				Outside diameter	Nominal linear masses ^{a, b}				Type of end finish						
1	2				Non-upset T&C	External upset T&C	Integral joint	Wall thickness							
	NU T&C	EU	IJ		D, mm	kg/m	kg/m	kg/m	t, mm	H40	J55	L80 R95	N80	C90	T95
2 3/8	4.00	-	-	60.32	5.95	-	-	4.24	PN	PN	PN	PN	PN	PN	PN
	4.60	4.70	-	60.32	6.85	6.99	-	4.83	PNU	PNU	PNU	PNU	PNU	PNU	PNU
	5.80	5.95	-	60.32	8.63	8.85	-	6.45	-	-	PNU	PNU	PNU	PNU	PNU
	6.60	-	-	60.32	9.82	-	-	7.49	-	-	P	-	P	P	-
	7.35	7.45	-	60.32	10.94	11.09	-	8.53	-	-	PU	-	PU	PU	-
2 7/8	6.40	6.50	-	73.02	9.52	9.67	-	5.51	PNU	PNU	PNU	PNU	PNU	PNU	PNU
	7.80	7.90	-	73.02	11.61	11.76	-	7.01	-	-	PNU	PNU	PNU	PNU	PNU
	8.60	8.70	-	73.02	12.80	12.95	-	7.82	-	-	PNU	PNU	PNU	PNU	PNU
	9.35	9.45	-	73.02	13.91	14.06	-	8.64	-	-	PU	-	PU	PU	-
	10.50	-	-	73.02	15.63	-	-	9.96	-	-	P	-	P	P	-
	11.50	-	-	73.02	17.11	-	-	11.18	-	-	P	-	P	P	-
3 1/2	7.70	-	-	88.90	11.46	-	-	5.49	PN	PN	PN	PN	PN	PN	-
	9.20	9.30	-	88.90	13.69	13.84	-	6.45	PNU	PNU	PNU	PNU	PNU	PNU	PNU
	10.20	-	-	88.90	15.18	-	-	7.34	PN	PN	PN	PN	PN	PN	-
	12.70	12.95	-	88.90	18.90	19.27	-	9.52	-	-	PNU	PNU	PNU	PNU	PNU
	14.30	-	-	88.90	21.28	-	-	10.92	-	-	P	-	P	P	-
	15.50	-	-	88.90	23.07	-	-	12.09	-	-	P	-	P	P	-
	17.00	-	-	88.90	25.30	-	-	13.46	-	-	P	-	P	P	-
4	9.50	-	-	101.60	14.14	-	-	5.74	PN	PN	PN	PN	PN	PN	-
	10.70	11.00	-	101.60	-	16.37	-	6.65	PU	PU	PU	PU	PU	PU	-
	13.20	-	-	101.60	19.64	-	-	8.38	-	-	P	-	P	P	-
	16.10	-	-	101.60	23.96	-	-	10.54	-	-	P	-	P	P	-
	18.90	-	-	101.60	28.13	-	-	12.70	-	-	P	-	P	P	-
	22.20	-	-	101.60	33.04	-	-	15.49	-	-	P	-	P	P	-
4 1/2	12.60	12.75	-	114.30	18.75	18.97	-	6.88	PNU	PNU	PNU	PNU	PNU	PNU	-
	5.20	-	-	114.30	22.62	-	-	8.56	-	-	P	-	P	P	-
	17.00	-	-	114.30	25.30	-	-	9.65	-	-	P	-	P	P	-
	18.90	-	-	114.30	28.13	-	-	10.92	-	-	P	-	P	P	-
	21.50	-	-	114.30	32.00	-	-	12.70	-	-	P	-	P	P	-
	23.70	-	-	114.30	35.27	-	-	14.22	-	-	P	-	P	P	-
	26.10	-	-	114.30	38.84	-	-	16.00	-	-	P	-	P	P	-

P – plain end; N – non-upset, threaded and coupled; U – external upset, threaded and coupled

CASING

The seamless design distributes radial and axial loads evenly – the string performs reliably during cementing, perforation and long-term service under formation pressure.

The threaded connections withstand break-out loads during running and test pressure after installation. Pipe geometry is controlled over the full length, eliminating eccentricity during cementing and ensuring annulus quality.

The outside diameter range of 114.3–244.5 mm covers every string size, from conductor to production.

Certificates of conformity:

- ✓ API Spec 5CT monogram certificate
- ✓ GOST 632-80
- ✓ ST RK ISO 11960
- ✓ Manufacturing site assessment
INTI.QS.PS.30-10-20230-540

 Pipe diameter
114–245 mm

 Wall thickness
6–16 mm



API 5CT Casing and couplings. Specifications

Grades:

H40 · J55 · K55 · L80 · R95 · N80 · C90 · T95 · C110 · C125 · P110 · Q125 · 09G2S

End finish:

plain end · BC · LC · SC

Dimensions, masses, wall thickness, grade and applicable end finish

Labels		Outside diameter	Nominal mass per metre b, c T&C	Wall thickness	Type of end finish							
1	2	D, mm	kg/m	t, mm	H40	J55 K55	L80 R95	N80	C90 T95	C110 C125	P110	Q125
4 1/2	9.50	114.30	14.38	5.21	PS	PS	-	-	-	-	-	-
	10.50	114.30	15.73	5.69	-	PSB	-	-	-	-	-	-
	11.60	114.30	17.38	6.35	-	PSLB	PLB	PLB	PLB	P	PLB	-
	13.50	114.30	19.87	7.37	-	-	PLB	PLB	PLB	P	PLB	-
	15.10	114.30	22.69	8.56	-	-	-	-	-	-	PLB	PLB
5	11.50	127.00	17.19	5.59	-	PS	-	-	-	-	-	-
	13.00	127.00	19.69	6.43	-	PSLB	-	-	-	-	-	-
	15.00	127.00	22.69	7.52	-	PSLB	PLB	PLB	PLB	P	PLB	-
	18.00	127.00	27.19	9.19	-	-	PLB	PLB	PLB	P	PLB	PLB
	21.40	127.00	32.13	11.10	-	-	PLB	PLB	PLB	P	PLB	PLB
	23.20	127.00	34.76	12.14	-	-	PLB	PLB	PLB	P	PLB	PLB
	24.10	127.00	36.15	12.70	-	-	PLB	PLB	PLB	P	PLB	PLB
5 1/2	14.00	139.70	20.91	6.20	PS	PS	-	-	-	-	-	-
	15.50	139.70	23.48	6.98	-	PSLB	-	-	-	-	-	-
	17.00	139.70	25.72	7.72	-	PSLB	PLB	PLB	PLB	P	PLB	-
	20.00	139.70	30.05	9.17	-	-	PLB	PLB	PLB	P	PLB	-
	23.00	139.70	34.05	10.54	-	-	PLB	PLB	PLB	P	PLB	PLB
	26.80	139.70	40.15	12.70	-	-	-	-	P	P	-	-
	29.70	139.70	44.47	14.27	-	-	-	-	P	P	-	-
	32.60	139.70	48.74	15.88	-	-	-	-	P	P	-	-
	35.30	139.70	52.80	17.45	-	-	-	-	P	P	-	-
	38.00	139.70	56.82	19.05	-	-	-	-	P	P	-	-
	40.50	139.70	60.64	20.62	-	-	-	-	P	P	-	-
	43.10	139.70	64.41	22.22	-	-	-	-	P	P	-	-
6 5/8	20.00	168.28	29.76	7.32	PS	PSLB	-	-	-	-	-	-
	24.00	168.28	35.72	8.94	-	PSLB	PLB	PLB	PLB	P	PLB	-
	28.00	168.28	41.67	10.59	-	-	PLB	PLB	PLB	P	PLB	-
	32.00	168.28	47.62	12.06	-	-	PLB	PLB	PLB	P	PLB	PLB
7	17.00	177.80	25.60	5.87	PS	-	-	-	-	-	-	-
	20.00	177.80	29.91	6.91	PS	PS	-	-	-	-	-	-
	23.00	177.80	34.67	8.05	-	PSLB	PLB	PLB	PLB	P	-	-
	26.00	177.80	39.14	9.19	-	PSLB	PLB	PLB	PLB	P	PLB	-
	29.00	177.80	43.60	10.36	-	-	PLB	PLB	PLB	P	PLB	-
	32.00	177.80	47.92	11.51	-	-	PLB	PLB	PLB	P	PLB	-
	35.00	177.80	52.09	12.65	-	-	PLB	PLB	PLB	P	PLB	PLB
	38.00	177.80	56.10	13.72	-	-	PLB	PLB	PLB	P	PLB	PLB
	42.70	177.80	63.84	15.88	-	-	-	-	P	P	-	-
	46.40	177.80	69.35	17.45	-	-	-	-	P	P	-	-

Dimensions, masses, wall thickness, grade and applicable end finish

Labels		Outside diameter	Nominal mass per metre b, c T&C	Wall thickness	Type of end finish							
1	2	D, mm	kg/m	t, mm	H40	J55 K55	L80 R95	N80	C90 T95	C110 C125	P110	Q125
7	50.10	177.80	74.85	19.05	-	-	-	-	P	P	-	-
	53.60	177.80	80.21	20.62	-	-	-	-	P	P	-	-
	57.10	177.80	85.42	22.22	-	-	-	-	P	P	-	-
7 5/8	24.00	193.68	35.72	7.62	PS	-	-	-	-	-	-	-
	26.40	193.68	39.29	8.33	-	PSLB	PLB	PLB	PLB	P	-	-
	29.70	193.68	44.20	9.52	-	-	PLB	PLB	PLB	P	PLB	-
	33.70	193.68	50.15	10.92	-	-	PLB	PLB	PLB	P	PLB	-
	39.00	193.68	58.04	12.70	-	-	PLB	PLB	PLB	P	PLB	PLB
	42.80	193.68	63.69	14.27	-	-	PLB	PLB	PLB	P	PLB	PLB
	45.30	193.68	67.41	15.11	-	-	PLB	PLB	PLB	P	PLB	PLB
	47.10	193.68	70.09	15.88	-	-	PLB	PLB	PLB	P	PLB	PLB
	51.20	193.68	76.19	17.45	-	-	-	-	P	P	-	-
	55.30	193.68	82.30	19.05	-	-	-	-	P	P	-	-
7 3/4	46.10	196.85	68.60	15.11	-	-	P	P	P	P	P	P
8 5/8	24.00	219.08	35.72	6.71	-	PS	-	-	-	-	-	-
	28.00	219.08	41.67	7.72	PS	-	-	-	-	-	-	-
	32.00	219.08	47.62	8.94	PS	PSLB	-	-	-	-	-	-
	36.00	219.08	53.57	10.16	-	PSLB	PLB	PLB	PLB	P	-	-
	40.00	219.08	59.53	11.43	-	-	PLB	PLB	PLB	P	PLB	-
	44.00	219.08	65.48	12.70	-	-	PLB	PLB	PLB	P	PLB	-
	49.00	219.08	72.92	14.15	-	-	PLB	PLB	PLB	P	PLB	PLB
9 5/8	32.30	244.48	48.07	7.92	PS	-	-	-	-	-	-	-
	36.00	244.48	53.57	8.94	PS	PSLB	-	-	-	-	-	-
	40.00	244.48	59.53	10.03	-	PSLB	PLB	PLB	PLB	P	-	-
	43.50	244.48	64.73	11.05	-	-	PLB	PLB	PLB	P	PLB	-
	47.00	244.48	69.94	11.99	-	-	PLB	PLB	PLB	P	PLB	PLB
	53.50	244.48	79.62	13.84	-	-	PLB	PLB	PLB	P	PLB	PLB
	58.40	244.48	86.91	15.11	-	-	PLB	PLB	PLB	P	PLB	PLB
	59.40	244.48	88.40	15.47	-	-	-	-	P	P	-	-
	64.90	244.48	96.58	17.07	-	-	-	-	P	P	-	-
	70.30	244.48	104.62	18.64	-	-	-	-	P	P	-	-
	75.60	244.48	112.50	20.24	-	-	-	-	P	P	-	-
10 3/4	32.75	273.05	48.74	7.09	PS	-	-	-	-	-	-	-
	40.50	273.05	60.27	8.89	PS	PSB	-	-	-	-	-	-
	45.50	273.05	67.71	10.16	-	PSB	-	-	-	-	-	-
	51.00	273.05	75.90	11.43	-	PSB	PSB	PSB	PSB	P	PSB	-
	55.50	273.05	82.59	12.57	-	-	PSB	PSB	PSB	P	PSB	-
	60.70	273.05	90.33	13.84	-	-	-	-	PSB	P	PSB	PSB
	65.70	273.05	97.77	15.11	-	-	-	-	PSB	P	PSB	PSB
	73.20	273.05	108.93	17.07	-	-	-	-	P	P	-	-
	79.20	273.05	117.86	18.64	-	-	-	-	P	P	-	-
	85.30	273.05	126.94	20.24	-	-	-	-	P	P	-	-

GOST 632-80 Casing and couplings

Grades:

D · E · K · L · M · R · T

Type of threaded connection:

OTTM · OTTG and triangular

Dimensions, wall thickness, connection types

Nominal pipe size, mm	Wall thickness, mm	Connection type		
		with triangular thread		OTTM
		Short	Extended-U	
114	5.2	D	—	—
	5.7	D	—	—
	6.4	D	DELM	DELM
	7.4	—	DELMR	DELMR
	8.6	—	DELMRT	DELMRT
	10.2	—	LMRT	LMRT
127	5.6	D	—	—
	6.4	D	DELM	DELM
	7.5	D	DELMRT	DELMRT
	9.2	—	DELMRT	DELMRT
	10.2	—	DELMRT	DELMRT
140	6.2	D	—	D
	7.0	D	DELM	DELM
	7.7	D	DELMRT	DELMRT
	9.2	—	DELMRT	DELMRT
	10.5	—	DELMRT	DELMRT
146	6.5	D	—	D
	7.0	D	DELM	D
	7.7	D	DELM	DELM
	8.5	—	DELMRT	DELMRT
	9.5	—	DELMRT	DELMRT
	10.7	—	DELMRT	DELMRT

Nominal pipe size, mm	Wall thickness, mm	Connection type		
		with triangular thread		OTTM
		Short	Extended-U	
178	5.9	D	—	—
	6.9	D	—	D
	8.1	D	DEL	DEL
	9.2	D	DELMRT	DELMRT
	10.4	—	DELMRT	DELMRT
	11.5	—	DELMRT	DELMRT
	12.7	—	DELMRT	DELMRT
	13.7	—	ELMRT	ELMRT
	15.0	—	LMRT	LMRT
194	7.6	D	—	D
	8.3	D	DELMRT	DELMRT
	9.5	—	DELMRT	DELMRT
	10.9	—	DELMRT	DELMRT
	12.7	—	DELMRT	DELMRT
219	15.1	—	LMRT	LMRT
	6.7	D	—	—
	7.7	D	—	D
	8.9	D	DELM	DELM
	10.2	D	DELMR	DELMR
	11.4	—	DELMRT	DELMRT
	12.7	—	DELMRT	DELMRT
245	14.2	—	ELMRT	ELMRT
	7.9	D	—	D
	8.9	D	DELM	DELM
	10.0	D	DELMR	DELMR
	11.1	—	DELMRT	DELMRT
	12.0	—	DELMRT	DELMRT
	13.8	—	DELMRT	DELMRT
	15.9	—	LMRT	LMRT

GOST 31446 Casing and tubing for the oil and gas industry

Grades:

H40 · J55 · K55 · M65 · L80 · R95 · N80 · C90 · T95 · P110 · Q125 · Q135

Dimensions, masses, wall thickness, grade and applicable end finish

Designation		Outside diameter, D, mm	Nominal mass per metre T&C, kg/m	Wall thickness, t, mm	End finish type							
1	2				H40	J55 K55	M65	L80 R95	L80 Type 1, Q	C90 T95	P110	Q125, Q135
4 1/2	9.50	114.30	14.14	5.21	PS	PS	PS	—	—	—	—	—
	10.50	114.30	15.63	5.69	—	PSB	PSB	—	—	—	—	—
	11.60	114.30	17.26	6.35	—	PSLB	PLB	PLB	PLB	PLB	PLB	—
	13.50	114.30	20.09	7.37	—	—	PLB	PLB	PLB	PLB	PLB	—
	15.10	114.30	22.47	8.56	—	—	—	—	—	—	PLB	PLB
5	11.50	127.00	17.11	5.59	—	PS	PS	—	—	—	—	—
	13.00	127.00	19.35	6.43	—	PSLB	PSLB	—	—	—	—	—
	15.00	127.00	22.32	7.52	—	PSLB	PLB	PLB	PLB	PLB	PLB	—
	18.00	127.00	26.79	9.19	—	—	PLB	PLB	PLB	PLB	PLB	PLB
	21.40	127.00	31.85	11.10	—	—	PLB	PLB	PLB	PLB	PLB	PLB
	23.20	127.00	34.53	12.14	—	—	—	PLB	PLB	PLB	PLB	PLB
5 1/2	14.00	139.70	20.83	6.20	PS	PS	PS	—	—	—	—	—
	15.50	139.70	23.07	6.98	—	PSLB	PSLB	—	—	—	—	—
	17.00	139.70	25.30	7.72	—	PSLB	PLB	PLB	PLB	PLB	PLB	—
	20.00	139.70	29.76	9.17	—	—	PLB	PLB	PLB	PLB	PLB	—
	23.00	139.70	34.23	10.54	—	—	PLB	PLB	PLB	PLB	PLB	PLB
6 5/8	20.00	168.28	29.76	7.32	PS	PSLB	PSLB	—	—	—	—	—
	24.00	168.28	35.72	8.94	—	PSLB	PLB	PLB	PLB	PLB	PLB	—
	28.00	168.28	41.67	10.59	—	—	PLB	PLB	PLB	PLB	PLB	—
	32.00	168.28	47.62	12.06	—	—	—	PLB	PLB	PLB	PLB	PLB
7	17.00	177.80	25.30	5.87	PS	—	—	—	—	—	—	—
	20.00	177.80	29.76	6.91	PS	PS	PS	PLB	—	—	—	—
	23.00	177.80	34.23	8.05	—	PSLB	PLB	PLB	PLB	PLB	—	—
	26.00	177.80	38.69	9.19	—	PSLB	PLB	PLB	PLB	PLB	PLB	—
	29.00	177.80	43.16	10.36	—	—	PLB	PLB	PLB	PLB	PLB	—
	32.00	177.80	47.62	11.51	—	—	PLB	PLB	PLB	PLB	PLB	—
	35.00	177.80	52.09	12.65	—	—	—	PLB	PLB	PLB	PLB	PLB
	38.00	177.80	56.55	13.72	—	—	—	PLB	PLB	PLB	PLB	PLB
7 5/8	24.00	193.68	35.72	7.62	PS	—	—	—	—	—	—	—
	26.40	193.68	39.29	8.33	—	PSLB	PSLB	PLB	PLB	PLB	—	—
	29.70	193.68	44.20	9.52	—	—	PLB	PLB	PLB	PLB	PLB	—
	33.70	193.68	50.15	10.92	—	—	PLB	PLB	PLB	PLB	PLB	—
	39.00	193.68	58.04	12.70	—	—	—	PLB	PLB	PLB	PLB	PLB
	42.80	193.68	63.69	14.27	—	—	—	PLB	PLB	PLB	PLB	PLB
	45.30	193.68	67.41	15.11	—	—	—	PLB	PLB	PLB	PLB	PLB
	47.10	193.68	70.09	15.88	—	—	—	PLB	PLB	PLB	PLB	PLB
8 5/8	24.00	219.08	35.72	6.71	—	PS	PS	—	—	—	—	—
	28.00	219.08	41.67	7.72	PS	—	PS	—	—	—	—	—
	32.00	219.08	47.62	8.94	PS	PSLB	PSLB	—	—	—	—	—
	36.00	219.08	53.57	10.16	—	PSLB	PSLB	PLB	PLB	PLB	—	—
	40.00	219.08	59.53	11.43	—	—	PLB	PLB	PLB	PLB	PLB	—
	44.00	219.08	65.49	12.70	—	—	—	PLB	PLB	PLB	PLB	—
9 5/8	49.00	219.08	72.92	14.15	—	—	—	PLB	PLB	PLB	PLB	PLB
	32.30	244.48	48.07	7.92	PS	—	—	—	—	—	—	—
	36.00	244.48	53.57	8.94	PS	PSLB	PSLB	—	—	—	—	—
	40.00	244.48	59.53	10.03	—	PSLB	PSLB	PLB	PLB	PLB	—	—
	43.50	244.48	64.73	11.05	—	—	PLB	PLB	PLB	PLB	PLB	—
	47.00	244.48	69.94	11.99	—	—	PLB	PLB	PLB	PLB	PLB	PLB
	53.50	244.48	79.62	13.84	—	—	—	PLB	PLB	PLB	PLB	PLB
	58.40	244.48	86.91	15.11	—	—	—	PLB	PLB	PLB	PLB	PLB

P = plain end, S = short round thread, L = long round thread, B = buttress thread

COUPLINGS

NU, EU, OTTM, Buttruss, LC, SC, OTTG

Threaded elements that join tubing and casing into a pressure-tight string.

Material:

seamless hot-rolled pipe billet, steel grades D-R (GOST 632) / H40-Q125 (API Spec 5CT).

Machining:

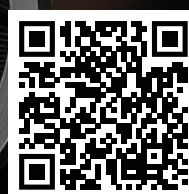
thread cutting on precision CNC equipment

Corrosion protection:

thermal diffusion zinc or zinc phosphate coating extends the service life of the connection.

Quality control, 4 stages:

1. Visual and dimensional inspection of the billet
2. Ultrasonic testing of the billet
3. Visual and dimensional inspection of the thread
4. Magnetic particle testing of the thread



LINE PIPE

Designed for the construction of oil and gas pipelines, including the transport of standard and sour corrosive media, for gas lift systems and field development, including in Far North conditions.

Line pipe is made from in-house steel melted in electric furnaces, treated with synthetic slags in a ladle furnace and cast on a continuous casting machine.

This steelmaking route yields metal low in harmful impurities (sulphur and phosphorus), which gives the pipe high strength, ductility and corrosion performance in service at low temperatures and in corrosive media.

Certificates of conformity:

- ✓ API 5L monogram certificate
- ✓ GOST 8732
- ✓ GOST 550
- ✓ GOST 32528, GOST 8731



Pipe diameter

60–273 mm



Wall thickness

5–40 mm



API 5L Specification for line pipe

Grades:

L245 (B) · L290 (X42) · L320 (X46) · L360 (X52) ·
L390 (X56) · L415 (X60) · L450 (X65) · L485
(X70) · L555 (X80) · L625 (X90) · L690 (X100)

Annexes:

J · H

Product specification level:

PSL1 · PSL2

Dimensions, masses, wall thickness, grade and applicable end finish

Nominal size	Outside diameter		Wall thickness		Mass per unit length	
	mm	inch	mm	inch	kg/m	lb/ft
2 ^{3/8}	60.3	2.375	4.4	0.172	6.03	4.05
	60.3	2.375	4.8	0.188	6.54	4.39
	60.3	2.375	5.5	0.218	7.48	5.02
	60.3	2.375	6.4	0.250	8.45	5.76
	60.3	2.375	7.1	0.281	9.36	6.28
2 ^{7/8}	73.0	2.875	4.0	0.156	6.75	4.53
	73.0	2.875	4.4	0.172	7.40	4.97
	73.0	2.875	4.8	0.188	8.04	5.4
	73.0	2.875	5.2	0.203	8.62	5.79
	73.0	2.875	5.5	0.216	9.13	6.13
	73.0	2.875	6.4	0.250	10.44	7.01
	73.0	2.875	7.0	0.276	11.41	7.66
3 ^{1/2}	88.9	3.500	4.0	0.156	8.29	5.57
	88.9	3.500	4.4	0.172	9.10	6.11
	88.9	3.500	4.8	0.188	9.90	6.65
	88.9	3.500	5.5	0.216	11.29	7.58
	88.9	3.500	6.4	0.250	12.93	8.68
	88.9	3.500	7.1	0.281	14.38	9.66
	88.9	3.500	7.6	0.300	15.26	10.25
4	101.6	4.000	5.7	0.226	13.57	9.11
	101.6	4.000	6.4	0.250	14.91	10.01
	101.6	4.000	7.1	0.281	16.62	11.16
	101.6	4.000	8.1	0.318	18.61	12.50
4 ^{1/2}	114.3	4.500	5.2	0.203	13.88	9.32
	114.3	4.500	5.6	0.219	14.91	10.01
	114.3	4.500	6.0	0.237	16.07	10.79
	114.3	4.500	6.4	0.250	16.90	11.35
	114.3	4.500	7.1	0.281	18.85	12.66
	114.3	4.500	7.9	0.312	20.79	13.96
	114.3	4.500	8.6	0.337	22.31	14.98
	114.3	4.500	11.1	0.438	28.30	19.00
5 ^{9/16}	141.3	5.563	5.6	0.219	18.61	12.50
	141.3	5.563	6.6	0.258	21.77	14.62
	141.3	5.563	7.1	0.281	23.61	15.85
	141.3	5.563	7.9	0.312	26.06	17.50
	141.3	5.563	8.7	0.344	28.55	19.17
	141.3	5.563	9.5	0.375	30.95	20.78
	141.3	5.563	12.7	0.500	40.28	27.04

Dimensions, masses, wall thickness, grade and applicable end finish

Nominal size	Outside diameter		Wall thickness		Mass per unit length	
	mm	inch	mm	inch	kg/m	lb/ft
6 ^{5/8}	168.3	6.625	6.4	0.250	25.35	17.02
	168.3	6.625	7.1	0.280	28.22	18.97
	168.3	6.625	7.9	0.312	31.25	21.04
	168.3	6.625	8.7	0.344	34.24	23.08
	168.3	6.625	9.5	0.375	37.20	25.03
	168.3	6.625	11.0	0.432	42.67	28.57
	168.3	6.625	12.7	0.500	48.73	32.71
	168.3	6.625	14.3	0.562	54.31	36.39
	168.3	6.625	15.9	0.625	59.76	40.05
	168.3	6.625	18.3	0.750	67.69	45.35
	168.3	6.625	19.1	0.864	70.27	47.06
	168.3	6.625	22.2	0.875	79.98	53.73
8 ^{5/8}	219.1	8.625	7.0	0.277	36.61	24.70
	219.1	8.625	7.9	0.312	41.14	27.70
	219.1	8.625	8.18	0.322	42.55	28.58
	219.1	8.625	8.74	0.344	45.34	30.45
	219.1	8.625	9.53	0.375	49.25	33.07
	219.1	8.625	11.13	0.438	57.08	38.33
	219.1	8.625	12.70	0.500	64.64	43.43
	219.1	8.625	14.27	0.562	72.08	48.44
	219.1	8.625	15.88	0.625	79.59	53.45
	219.1	8.625	18.26	0.719	90.44	60.77
	219.1	8.625	19.05	0.750	93.98	63.14
	219.1	8.625	20.62	0.812	100.93	67.82
	219.1	8.625	22.23	0.875	107.93	72.49
	219.1	8.625	25.40	1.000	121.33	81.51
	219.1	8.625	25.40	1.000	121.33	81.51
10 ^{3/4}	273.0	10.750	7.80	0.307	51.01	34.27
	273.0	10.750	8.74	0.344	56.96	38.27
	273.0	10.750	9.27	0.365	60.29	40.52
	273.0	10.750	11.13	0.438	71.88	48.28
	273.0	10.750	12.70	0.500	81.53	54.79
	273.0	10.750	14.27	0.562	91.05	61.21
	273.0	10.750	15.88	0.625	100.69	67.65
	273.0	10.750	18.26	0.719	114.71	77.10
	273.0	10.750	20.62	0.812	128.34	86.26
	273.0	10.750	22.23	0.875	137.48	92.37
	273.0	10.750	23.83	0.938	146.43	98.39
	273.0	10.750	25.40	1.000	155.10	104.23

GENERAL-PURPOSE PIPE

A uniform structure with no weld seam gives stable mechanical properties across the whole section and predictable behaviour under load, pressure and machining. Such pipe is used in high-risk applications: load-bearing structures, highly stressed pipeline sections, and parts for turning and boring.

Applications: mechanical engineering, oil and gas, construction, and the manufacture of pipeline fittings and components.

Certificates of conformity:

- ✓ GOST 32528
- ✓ GOST 8731-74
- ✓ GOST 8732-78
- ✓ Manufacturing site assessment
INTI.QS.PS.30-10-20230-539

Pipe diameter 60–273 mm

Wall thickness 5–40 mm

GOST 8731/GOST 8732, GOST 32528 Hot-deformed seamless steel pipe

Steel grades:

10 · 20 · 35 · 45 · 10G2A · 20Kh · 40Kh · 30G1 · 09G2S · 30KhGSA and other low-alloy steel grades.

Class (group):

A · B · V · G

Length range:

6.0–12.0 m

Range of hot-deformed seamless general-purpose pipe to GOST 8732-78

Outside diameter, mm																					
	5	5.5	6	7	8	9	10	11	12	14	16	17	18	20	22	25	28	30	32	36	40
	Mass per metre, kg																				
60	6.78	7.39	7.99	9.15	10.30	11.30	12.30	13.30	14.20	15.90	17.40										
63	7.15	7.80	8.43	9.67	10.90	12.00	13.10	14.10	15.10	16.90	18.50										
68	7.77	8.48	9.17	10.50	11.80	13.10	14.30	15.50	16.60	18.60	20.50										
70	8.01	8.75	9.47	10.90	12.20	13.50	14.80	16.00	17.20	19.30	21.30										
73	8.38	9.16	9.91	11.40	12.80	14.20	15.50	16.80	18.10	20.40	22.50										
76	8.75	9.56	10.40	11.90	13.40	14.90	16.30	17.60	18.90	21.40	23.70										
83	9.62	10.50	11.40	13.10	14.80	16.40	18.00	19.50	21.00	23.80	26.40										
89	10.40	11.30	12.30	14.20	16.00	17.80	19.50	21.20	22.80	25.90	28.80										
95	11.10	12.10	13.20	15.20	17.20	19.10	21.00	22.80	24.60	28.00	31.20										
102	12.00	13.10	14.20	16.40	18.50	20.60	22.70	24.70	26.60	30.40	33.90										
108	12.70	13.90	15.10	17.40	19.70	22.00	24.20	26.30	28.40	32.50	36.30										
114	13.40	14.70	16.00	18.50	20.90	23.30	25.70	27.90	30.20	34.50	38.70										
121			17.00	19.70	22.30	24.90	27.40	29.80	32.30	36.90	41.40	43.60	45.70	49.80	53.70	59.20	64.20	67.30	70.20	75.46	79.90
127			17.90	20.70	23.50	26.20	28.90	31.50	34.00	39.00	43.80	46.10	48.40	52.80	57.00	62.90	68.40	71.80	75.00	80.79	85.82
133			18.80	21.80	24.70	27.50	30.30	33.10	35.80	41.10	46.20	48.60	51.10	55.70	60.20	66.60	72.50	76.20	79.70	86.10	91.72
140			19.80	23.00	26.00	29.10	32.10	35.00	37.90	43.50	48.90	51.60	54.20	59.20	64.00	70.90	77.30	81.80	85.20	92.30	98.65
146			20.70	24.00	27.20	30.40	33.50	36.60	39.70	45.60	51.30	54.10	56.80	62.10	67.30	74.60	81.50	85.80	90.00	97.70	104.60
152			21.60	25.00	28.40	31.70	35.00	38.30	41.40	47.60	53.70	56.50	59.50	65.10	70.50	78.30	85.60	90.30	94.70	103.00	110.50
159			22.60	26.20	29.80	33.30	36.70	40.20	43.60	50.10	56.40	59.50	62.60	68.60	74.30	82.60	90.50	95.40	100.20	109.20	117.40
168			24.00	27.80	31.60	35.30	39.00	42.60	46.20	53.20	60.00	63.30	66.60	73.00	79.20	88.20	96.70	102.10	107.30	117.20	126.30
180			25.75	29.87	33.90	38.00	41.90	45.80	49.70	57.30	64.70	68.30	71.90	78.90	85.70	95.60	105.00	111.00	116.80	127.80	138.10
194			27.82	32.28	36.70	41.10	45.40	49.60	53.90	62.10	70.20	74.20	78.10	85.80	93.30	104.20	114.90	121.30	127.80	140.30	151.90
203			29.15	33.84	38.50	43.10	47.60	52.10	56.50	65.30	73.80	78.00	82.10	90.30	98.20	109.70	120.80	128.00	134.90	148.30	160.80
219			31.50	36.60	41.60	46.60	51.50	56.40	61.30	70.80	80.10	84.70	89.20	98.20	106.90	119.60	131.90	139.80	147.60	162.50	176.60
245			38.23	41.09	46.80	52.40	58.00	63.50	69.00	79.80	90.40	95.60	100.80	111.00	121.00	135.60	149.80	159.10	168.10	185.60	202.20
273			39.51	45.92	52.30	58.60	64.90	71.10	77.20	89.40	101.40	107.30	113.20	124.80	136.20	152.90	169.18	179.78	190.19	210.41	229.85

BOILER TUBES

Steel 12Kh1MF retains its strength under prolonged exposure to high temperatures and pressures, including supercritical operating parameters. Chromium and molybdenum alloying provides resistance to creep and oxidation, which is critical for service lives of 100 000 hours and above.

Used in steam boilers, superheaters and high-pressure pipelines at oil refining, chemical, gas industry and nuclear power facilities.

TU 14-3R-55-2001

Seamless steel tubes for steam boilers and pipelines

Steel grades:

20, 15GS, 12Kh1MF



Pipe diameter

60–273 mm



Wall thickness

6–40 mm



GAS LIFT PIPE

Seamless cold-resistant pipe for gas lift oil production systems, field gas pipelines and field development, including facilities in the Far North and at ultra-low temperatures (KhL / UKhL climatic versions).

Steel grades:

St20 · 09G2S · 10G2A and other steels

Strength classes:

K42 (X42) · K48 · K52 (X56) · X60 · K56 (X65) · K60 (X70)

Pipe categories:

S · E — Design groups: 1, 2, 3, 4

Controlled steel chemistry and hot-deformed construction provide stable strength under the cyclic loads of gas-liquid flow and in long-term service in aggressive media.

Specifications:

- TU 14-3R-1128 — gas lift oil production systems and gas fields
- TU 24.20.13.110-001-070140004107 — gas pipelines, oil pipelines, gas lift, field development
- TU 1317-013-78827746 — supplies for PJSC Gazprom Neft facilities



CORROSION-RESISTANT PIPE

Pipe in 13KhFA and 20A steels is designed for service in highly corrosive environments: oil and gas pipelines, reservoir pressure maintenance systems and process field pipelines in the Far North.

Chromium and vanadium alloying (13KhFA) provides both cold resistance and resistance to sulphide stress cracking: where carbon steel loses service life, 13KhFA retains its design properties.

Operating parameters:

- Pressure – up to 9.8 MPa
- Medium temperature – from +5 °C to +150 °C
- Ambient temperature – from -60 °C to +50 °C

Steel grades:

13KhFA · 20A

End finish:

external bevel for welding

Specifications:

- TU 1317-006.1-593377520
- TU 1317-008-78827746

Quality assurance:

Manufacturing site assessment
INTI.QS.PS.30-10-20230-542

CONTINUOUS CAST BILLET

Square and round sections in carbon and alloy steels for re-rolling into pipe, long products and special items.

In-house melted steel, ladle furnace treatment with vacuum degassing and argon purging, continuous casting.

ST TOO 070140004107-004

Square continuous cast billet for further re-rolling

Steel grade:

St3, St5 to GOST 380*, St10, St20, St40, St45, St50, St60 to GOST 1050*, special steel grades for grinding balls to GOST 7524* and special steel grades for rebar to GOST 34028*

Square section size, mm	Length, m
150, 200×200	5.0-12.0

*— Current edition

STO 002

Round continuous cast billet

Steel grade:

10, 20, 09G2S, 12GF, 13GFA, 15GS, 30G2A, 35G2, 12Kh1MF, 13KhFA, 40Kh, 25KhMFA, 30KhGSA, 28KhMR, 30KhMA and others

Section size, mm	Length, m
210	5.0-12.0
300	5.0-12.0



HOT-ROLLED REBAR

Deformed rebar is manufactured to the requirements of interstate standard GOST 34028, which ensures enhanced bond with concrete and uniform loading along the entire length of the bar, including in prestressed structures.

In-house melted steel undergoes secondary metallurgy and vacuum degassing – this eliminates unwanted non-metallic inclusions, ensures uniform mechanical properties and predictable behaviour of the rebar when correctly used.

Available in plain and deformed profiles to suit the structural design.

Class:

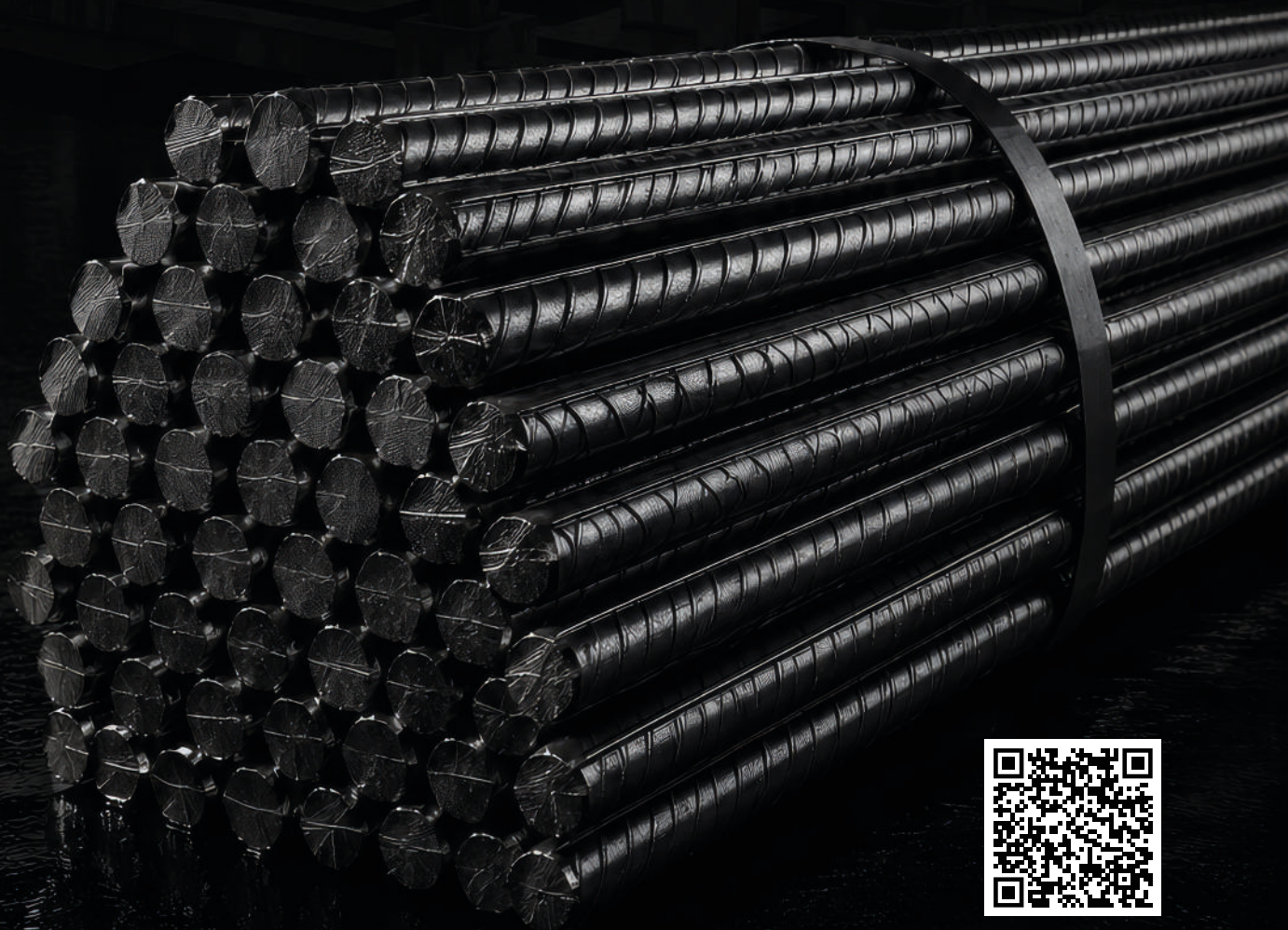
A500C

Diameter, mm:

10; 12; 14; 16; 18; 20; 22; 25; 28; 32

Certificates of conformity:

- ✓ GOST 34028 “Rebar for reinforced concrete structures. Specifications”.



ROLLED STEEL BALLS

Hot rolling in helical passes forms a dense, uniform structure free of internal defects.

Water quenching gives a surface hardness above 60 HRC while retaining core toughness – the ball withstands impact loads without cracking and holds its geometry as it wears, which directly affects grinding efficiency and mill liner life.

Diameter, mm:

40 · 60 · 80 · 100

Steel grades:

Sh1 · Sh2 · Sh3 · Sh4 to GOST 7524-89

Strength groups:

1 / 2 / 3 / 4 / 5



FERROALLOYS

In-house ferroalloy production ensures a stable chemical composition and controlled content of the main element – without the grade mix-ups and deviations typical of third-party suppliers. The 10–100 mm size fraction is ready for direct charging into the furnace with no further preparation.

Ferrosilicon (FeSi) GOST 1415-93

A deoxidiser and alloying element for controlling the structure and mechanical properties of steel. Increases strength, elasticity and resistance to oxidation.

Supplied as:
crushed · 10–100 mm fraction

Grade	Mass fraction, %								
	Silicon		Aluminium	Phosphorus	Sulphur	Carbon	Manganese	Chromium	Titanium
	over	up to and incl.	max.						
FeSi45	41.0	47.0	2.0	0.05	0.02	0.20	1.0	0.5	0.30
FeSi50	47.0	52.0	1.8	0.05	0.02	0.10	0.6	0.5	0.30
FeSi65	63.0	68.0	2.5	0.05	0.02	0.10	0.4	0.4	0.30
FeSi75	74.0	80.0	3.0	0.04	0.02	0.10	0.4	0.3	0.20



INDUSTRIAL GASES: OXYGEN, NITROGEN, ARGON

KSP Steel produces technical industrial gases for flame processing of metals, production processes and other technical purposes.

Products are supplied in gaseous and liquid form: in V-40 l steel cylinders, tube trailers, road tankers, storage tanks and cryogenic vessels.

O₂

Technical gaseous oxygen

Complies with GOST 5583-78. Used for flame processing of metals and other technical purposes.

Purity 99.9% O₂

Packaging V-40 l cylinders, tube trailers

Pressure 15.0±0.5 MPa at 20 °C

O₂

Technical liquid oxygen

Complies with GOST 6331-78. Supplied in liquid form or, after gasification, in compressed form.

Purity 99.9% O₂

Packaging liquid, gasified

Capacity 1 489 tonnes per year

N₂ / Ar

Nitrogen and argon

Nitrogen is produced to GOST 9293-74 and argon to GOST 10157-79. Supply in liquid and gaseous form is available.

Nitrogen ≤ 20 ppm O₂, 1 489 tonnes per year

Argon ≥ 99.999% Ar, top grade

Capacity 1 752 tonnes per year

SUPPLY AND STORAGE FORMATS

V-40 l steel cylinders to GOST 949-73



Tube trailers and gasification units



Road tankers and cryogenic storage tanks



O₂
OXYGEN

N₂
NITROGEN

Ar
ARGON

OUR PARTNERS

KSP Steel builds long-term partnerships with companies in the oil and gas, power, mining and construction industries. We combine the plant’s production capabilities, consistent product quality and a flexible approach to supply in order to meet our customers’ needs in Kazakhstan and beyond.

Working with KSP Steel is built on reliability at every stage: from product selection and agreement of technical requirements to shipment and delivery support. We value our partners’ trust and aim to be a dependable foundation for projects of any complexity.



Seamless steel pipe for
strategic projects in:

- Oil and gas
- Mechanical engineering
- Construction

WITH GUARANTEED QUALITY AND LEAD TIMES

Sales department:

📍 Republic of Kazakhstan, 010000, Astana,
60/2 Syganak St., Abu Dhabi Plaza
business centre, 7th floor, offices 701-703

✉ sales@ksp-steel.kz

☎ +7 (777) 259-59-11 | +7 (7172) 64-75-54

🌐 www.kspsteel.kz

Plant:

📍 Republic of Kazakhstan, 140027, Pavlodar,
1/2 Kosmonavtov St.

✉ office@pf.ksp-steel.kz

☎ +7 (7182) 738-701

🌐 www.kspsteel.kz

