

LONG PRODUCTS



Metinvest is much more than a company that sells iron ore and steel products. A unique formula made up of various ingredients helps Metinvest to be a reliable strategic partner.

We manufacture our products in Ukraine, the EU, the UK and the US. This gives us the opportunity to take an individual approach to each customer's needs.

The bespoke solutions that we offer differentiate us as a partner who helps to develop our customers' businesses.

TOP 10

iron ore producers
in the world*

TOP 42

steel producers
in the world*

1,000+

steel products

30

sales offices

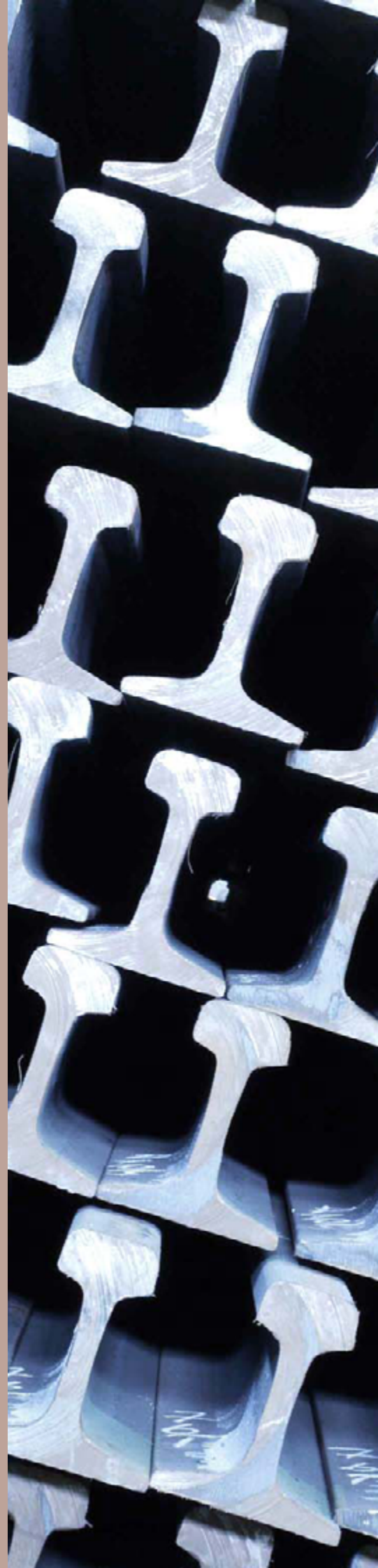
5,000+

customers

70+

countries

* As of 2021



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Long products production

Annual capacity, t



PROMET

Small-and-medium section mill 300

600 000



KAMET STEEL

Medium section and wire rod mill 400/200

700 000

CONTINUOUSLY CASTED BILLET

Kamet Steel

Size, mm		Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Cross-section	Length				
130x130	6000; 12000	TU U 24.1-31632138-1416:2019			TU U 24.1-31632138-1416:2019
150x150	6000; 12000				
160x160	6000; 12000				
200x200	6000; 12000				
130x130	6000; 12000	TT 230-31-2017	St1-5 kp/ps/sp	DSTU 2651:2005 / GOST 380-2005	TT 230-31-2017
150x150	6000; 12000		20, 35, 45	DSTU 7809:20115, GOST 1050-2013	
160x160	6000; 12000		09G2S	DSTU 8541:2015	
200x200	6000; 12000		SAE 1006-SAE1020	ASTM A1040-17	
130x130	6000; 12000	TT 230-32-2017	SAE 1070-SAE1080	ASTM A1040-17	TT 230-32-2017
150x150	6000; 12000		S235, S275, S355 (JR, JO, J2)	EN 10025-2:2019	
160x160	6000; 12000		C72D2	EN 16120-2,4:2011	
200x200	6000; 12000		Gr60, Gr60 (3/4), Gr60 (5/8), Gr60 (9/11)	ASTM A615/A615M-09	
130x130	6000; 12000	TT 230-36-2017	CQ2A, CQ2B, CQ2E, CQ2F	Client's technical requirements	TT 230-36-2017
150x150	6000; 12000		10880	Client's technical requirements	
160x160	6000; 12000		1535-1 IMP, 1535-1/2 IMP	Client's technical requirements	
200x200	6000; 12000		Grade500	Client's technical requirements	
130x130	8000; 12000	TT 230-37-2019	Gr1022	Client's technical requirements	TT 230-37-2019
150x150	8000; 12000		Q195, Q255	Client's technical requirements	
160x160	8000; 12000				
200x200	8000; 12000				
130x130	6000; 12000	TT 230-38-2019			TT 230-38-2019
150x150	6000; 12000				
335x400	3700 - 7900	TU U 24.1-31632138-1416:2019	St1-5 kp/ps/sp 20, 35, 45 09G2S Sv-08G2S 20H-40H 70G 16D SAE 1006-SAE1020 SAE 1070-SAE1080 S235, S275, S355 (JR, JO, J2) C72D2, C80D2	DSTU 2651:2005 / GOST 380-2005 DSTU 7809:20115, GOST 1050-2013 DSTU 8541:2015 TU U 24.1-23365425-710:2019 DSTU 7806:2015, GOST 4543-2016 DSTU 8429:2015 DSTU 8817:2018 ASTM A1040-17 ASTM A1040-17 EN 10025-2:2019 EN 16120-2,4:2011	TU U 24.1-31632138-1416:2019

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract. By agreement it is possible to manufacture products of other sizes and steel grades.

Size, mm		Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Cross-section	Length				
125x125	2000 - 12000	TU U 24.1-31632138-1415:2019	St1-5 kp/ps/sp 20, 35, 45 09G2S 40H 16D S235, S275, S355 (JR, JO, J2)	DSTU 2651:2005 / GOST 380-2005 DSTU 7809:20115, GOST 1050-2013 DSTU 8541:2015 DSTU 7806:2015, GOST 4543-2016 DSTU 8817:2018, GOST 6713-91 EN 10025-2:2019	TU U 24.1-31632138-1415:2019
130x130	2000 - 12000				
150x150	2000 - 12000				
160x160	2000 - 12000				
170x170	2000 - 12000				
180x180	2000 - 12000				
190x190	2000 - 12000				
200x200	2000 - 12000				
250x250	2000 - 12000				
300x300	2000 - 12000				
320x320	3500 - 7500				
210x280	1800 - 6000	TU U 14-2-1251-2000	St3ps/sp 09G2S	DSTU 2651:2005 / GOST 380-2005 DSTU 8541:2015	TU U 14-2-1251-2000
130x150	2700-4000	TT 230-43-2019	St3sp, St5sp	DSTU 2651:2005 / GOST 380-2005	TT 230-43-2019
150x170					
135x280					

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract.
By agreement it is possible to manufacture products of other sizes and steel grades.

HOT-ROLLED PIPE BILLET

Kamet Steel

Size, mm		Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Diameter	Length				
120	1800 - 12000	GSTU 3-009-2000	20, 35, 45 20 09G2S 40H Dtr; St37.3; St52.3; S355J2H; K55 S355J2 LF2 C45, C45R	DSTU 7809:20115, GOST 1050-2013 TU U 24.1-05757883-218:2019 DSTU 8541:2015 DSTU 7806:2015, GOST 4543-2016 GSTU 3-009-2000 EN 10025-2:2019 ASTM A350/A350M -15 EN 10083-2:2006	GSTU 3-009-2000
130	1800 - 12000				
140	1800 - 12000				
150	1800 - 12000				
160	1800 - 12000				
170	1800 - 12000				
180	1800 - 12000				
190	1800 - 12000				
200	1800 - 12000				
210	1800 - 12000				
220	1800 - 12000				
230	1800 - 12000				
240	1800 - 12000				
250	1800 - 12000				
260	1800 - 12000				
270	1800 - 12000				
280	1800 - 12000				
290	1800 - 11300				
300	1800 - 10500				

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract.
By agreement it is possible to manufacture products of other sizes and steel grades.

Product	Nominal diameter, mm	Weight, kg/m (for nominal diameter)	Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Carbon steel wire rod of commercial quality	5,5	0,187	DSTU 4738:2007/ GOST 2590-2006 (EN 10060:2003, NEQ; GOST 2590-2006, IDT)	St0, St1kp/ps/sp St3kp/ps/sp	DSTU 2651:2005 / GOST 380-2005	DSTU 2770-94 (GOST 30136-95) (ISO 8457/1-89)
	6	0,222				
	6,5	0,261				
	7	0,302				
	8	0,396				
	8,5	0,445				
	9	0,499				
	10	0,617				
	11	0,746				
	11,5	0,815				
	12	0,888				
	13	1,042				
	13,5	1,124				
	14	1,208				
15	1,387					
16	1,578					
Wire rod for ropes production	5,5	0,187	DSTU 4738:2007/ GOST 2590-2006 (EN 10060:2003, NEQ; GOST 2590-2006, IDT)	70, 80	DSTU 3683-98	DSTU 3683-98
	6	0,222				
	6,5	0,261				
	8	0,396				
	9	0,499				
	10	0,617				
	11	0,746				
	11,5	0,815				
12	0,888					
Spring steel wire rod	5,5	0,187	DSTU 4738:2007/ GOST 2590-2006 (EN 10060:2003, NEQ; GOST 2590-2006, IDT)	70	DSTU 8429:2015	DSTU 8429:2015
	6	0,222				
	6,5	0,261				



WIRE ROD

Kamet Steel

Product	Nominal diameter, mm	Weight, kg/m (for nominal diameter)	Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Carbon steel wire rod	5,5	0,187	ASTM A510/A510M-08 ASTM A510/A510M-13 ASTM A510/A510M-18 ASTM A510/A510M-20	SAE1005, SAE1006, SAE1008, SAE1010, SAE1012, SAE1015, SAE1017, SAE1018, SAE1020, SAE1022, SAE1080	ASTM A1040-17	ASTM A510/ A510M-08 ASTM A510/ A510M-13 ASTM A510/ A510M-18 ASTM A510/ A510M-20
	6	0,222				
	6,5	0,261				
	7	0,302				
	8	0,396				
	8,5	0,445				
	9	0,499				
	10	0,617				
	11	0,746				
	11,5	0,815				
	12	0,888				
	13	1,042				
	13,5	1,124				
	14	1,208				
	15	1,387				
16	1,578					
Non-alloyed steel wire rod	5,5	0,187	DSTU 4738:2007/ GOST 2590-2006 (EN 10060:2003, NEQ; GOST 2590-2006, IDT)	C72D2, C80D2	ISO 16120-4:2011	ISO 16120-4:2011
	6	0,222				
	6,5	0,260				
	8	0,396				
	9	0,499				
	10	0,617				
	11	0,746				
	11,5	0,815				
12	0,888					
Wire rod for welding	5,5	0,187	DSTU 4738:2007/ GOST 2590-2006 (EN 10060:2003, NEQ; GOST 2590-2006, IDT)	Sv-08, Sv-08Г2C	TU U 24.1- 23365425- 710:2019	TU U 24.1- 23365425- 710:2019
	6	0,222				
	6,5	0,261				

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract. By agreement it is possible to manufacture products of other sizes and steel grades.

Product	Sizes, mm		Weight, kg/m (for nominal diameter)	Standard for dimensions and shape	Strength class	Standard for steel grade	Standard for technical requirements
	Nominal diameter, mm	Length					
Reinforcing steel with smooth surface	25	6000 - 12000	3,850	DSTU 4738:2007 / GOST 2590-2006 (EN 10060:2003, NEQ; GOST 2590-2006, IDT)	A240C	DSTU 3760:2019	DSTU 3760:2019
Reinforcing steel with ribbed surface	8	6000 - 12000	0,395	DSTU 3760:2019	A400C A500C	DSTU 3760:2019	DSTU 3760:2019
	10	6000 - 12000	0,617				
	12	6000 - 12000	0,888				
	14	6000 - 12000	1,210				
	16	6000 - 12000	1,580				
	18	6000 - 12000	2,000				
	20	6000 - 12000	2,470				
	22	6000 - 12000	2,980				
	25	6000 - 12000	3,850				
	28	6000 - 12000	4,830				
	32	6000 - 12000	6,310				

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract. By agreement it is possible to manufacture products of other sizes and steel grades.

REBAR

Promet

Standard	Strength class	Diameter, mm	Length, mm	Standard for technical specifications	Type of delivery
European standards	B500B	8 10 12 14	6000-18000	DIN 488 BDS 9252	Bars
	B500C	16 18 20 22 25		BDS 9252 ELOT 1421-3:2005 TA 016-01/447-2021	
	PC 52	28 32 40		SR 438/1	
American standards	Grade 40 (280) Grade 60 (420)	9.5 12.7 15.9 19.1 22.2 25.4 28.7 32.3 35.8	6000-18000	ASTM A615/A615M	Bars
Ukrainian and CIS standards	A240C A800	10 12 14 16 18 20 22 25 28 32 36 40	6000-18000	DSTU 3760	Bars

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract.

Standard	Square side, mm	Length, mm	Standard for dimensions and shape	Steel grade	Standard for steel grade	Standard for technical specifications
European standards	10 12 14 16 20	6000-18000	EN 10059	S235JR S275JR S355JR	EN 10025-2	EN 10025-2
	C45			EN 10083-2/ ISO 683-1		
Ukrainian and CIS standards	10 12 14 16 20	6000-18000	DSTU 4746/ GOST 2591	St3ps St3sp	DSTU 2651/ GOST 380	DSTU 4484/ GOST 535
	20 45			DSTU 7809/ GOST 1050		

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contracts.

ROUND BAR

Promet

Standard	Diameter, mm	Length, mm	Standard for dimensions and shape	Steel grade	Standard for steel grade	Standard for technical specifications	Type of delivery						
European standards	10	6000-12000	EN 10060	S235JR S275JR S355JR	EN 10025-2	EN 10025-2	Bundles						
	12												
	14												
	16												
	18												
	20												
	22												
	23												
	24												
	25												
	26												
	27												
	28												
	30												
	32												
	34												
	36												
40	6000-12000	EN 10060	C45	EN 10083-2/ ISO 683-1	EN 10083-2/ ISO 683-1	Bundles							
42													
43													
45													
48													
50													
52													
Ukrainian and CIS standards							10	6000-12000	DSTU 4738/ GOST 2590	St3ps St3sp	DSTU 4484/ GOST 535	DSTU 4484/ GOST 535	Bundles
							12						
							14						
							16						
							18						
							20						
							22						
							24						
							25						
							26						
	27												
	28												
	30												
	32												
	34												
	36	6000-12000	DSTU 4738/ GOST 2590	20 35 45	DSTU 7809/ GOST 1050	DSTU 7809/ GOST 1050	Bundles						
	40												
42													
43													
45													
50													
52													
	40H							DSTU 7806/ GOST 4543	DSTU 7806/ GOST 4543				

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contracts.

Size, mm		Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Diameter	Length				
22	6000 - 12000	DSTU 4738:2007/ GOST 2590-2006 (EN 10060:2003, NEQ; GOST 2590-2006, IDT)			
24	6000 - 12000				
25	6000 - 12000				
26	6000 - 12000				
30	6000 - 12000				
32	6000 - 12000				
34	6000 - 12000				
36	6000 - 12000				
38	6000 - 12000				
40	6000 - 12000				
40	4000 - 8000				
60	3000 - 12000				
70	3000 - 12000				
75	3000 - 12000				
80	3000 - 12000				
90	3000 - 12000				
100	3000 - 12000				
110	3000 - 12000				
120	3000 - 12000				
130	3000 - 12000				
140	3000 - 12000				
150	3000 - 12000				
160	3000 - 12000				
170	3000 - 12000				
180	3000 - 12000				
190	3000 - 12000				
200	3000 - 12000				
210	3000 - 12000				
220	3000 - 12000				
230	3000 - 12000				
240	3000 - 12000				
250	3000 - 12000				
260	3000 - 12000				
270	3000 - 12000				
280	3000 - 12000				
290	3000 - 11300				
300	3000 - 10500				
			St3ps/sp	DSTU 2651:2005 / GOST 380-2005	DSTU 4484:2005 / GOST 535-2005
			20, 35, 45	DSTU 7809:20115, GOST 1050-2013	DSTU 7809:20115, GOST 1050-2013
			09G2S	DSTU 8541:2015	DSTU 8541:2015
			40H	DSTU 7806:2015, GOST 4543-2016	DSTU 7806:2015, GOST 4543-2016



ROUND BAR

Kamet Steel

Size, mm		Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Diameter	Length				
22	6000 - 12000	TU U 24.1-31632138-1417:2019	St3ps/sp	DSTU 2651:2005 / GOST 380-2005	TU U 24.1-31632138-1417:2019
24	6000 - 12000				
25	6000 - 12000				
26	6000 - 12000				
30	6000 - 12000				
32	6000 - 12000				
34	6000 - 12000				
36	6000 - 12000				
38	6000 - 12000				
40	6000 - 12000				
40	4000 - 8000				
60	3000 - 12000				
70	3000 - 12000				
75	3000 - 12000				
80	3000 - 12000				
90	3000 - 12000				
100	3000 - 12000				
110	3000 - 12000				
120	3000 - 12000				
130	3000 - 12000				
140	3000 - 12000				
150	3000 - 12000				
160	3000 - 12000				
170	3000 - 12000				
180	3000 - 12000				
190	3000 - 12000				
200	3000 - 12000				
210	3000 - 12000				
220	3000 - 12000				
230	3000 - 12000				
240	3000 - 12000				
250	3000 - 12000				
260	3000 - 12000				
270	3000 - 12000				
280	3000 - 12000				
290	3000 - 11300				
300	3000 - 10500				

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract. By agreement it is possible to manufacture products of other sizes and steel grades.

Designation	Size, mm				Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
	Height	Width	Thickness	Length				
5U	50	32	4,4	4000 - 12000	DSTU 3436-96 (GOST 8240-97)	St0, St3ps/sp	DSTU 2651:2005 / GOST 380-2005	DSTU 4484:2005 / GOST 535-2005
6,5U	65	36	4,4	4000 - 12000				
8U	80	40	4,5	4000 - 12000		09G2S	DSTU 8541:2015	DSTU 8541:2015
10U	100	46	4,5	4000 - 12000		S235, S275, S355 (JR, J0, J2)	EN 10025-2:2019	EN 10025-1:2004; EN 10025-2:2019
12U	120	52	4,8	4000 - 12000				
U50x25	50	25	5	4000 - 12000	DIN 1026-1:2009	S235JR, S235J0, S235J2	EN 10025-2:2019	EN 10025-1:2004; EN 10025-2:2019
U60	60	30	6	4000 - 12000				
U65	65	42	5,5	4000 - 12000	EN 10279:2000	S275JR, S275J0, S275J2	EN 10025-2:2019	DSTU 4484:2005 / GOST 535-2005
U80	80	45	6	4000 - 12000				
U100	100	50	6	4000 - 12000				

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract. By agreement it is possible to manufacture products of other sizes and steel grades.

ANGLES

Kamet Steel

Size, mm			Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Widths	Thickness	Length				
25x25	3	4000 - 12000	DSTU 2251:2018	St0, St3ps/sp	DSTU 2651:2005 / GOST 380-2005	DSTU 4484:2005 / GOST 535-2005
25x25	4	4000 - 12000				
30x30	3	4000 - 12000				
30x30	4	4000 - 12000				
35x35	3	4000 - 12000				
35x35	4	4000 - 12000				
35x35	5	4000 - 12000				
40x40	3	4000 - 12000				
40x40	4	4000 - 12000				
40x40	5	4000 - 12000				
45x45	3	4000 - 12000				
45x45	4	4000 - 12000				
45x45	5	4000 - 12000				
50x50	3	4000 - 12000				
50x50	4	4000 - 12000				
50x50	5	4000 - 12000				
50x50	6	4000 - 12000				
63x63	4	4000 - 12000				
63x63	5	4000 - 12000				
63x63	6	4000 - 12000				
70x70	4,5	4000 - 12000				
70x70	5	4000 - 12000				
70x70	6	4000 - 12000				
70x70	7	4000 - 12000				
70x70	8	4000 - 12000				
75x75	5	4000 - 12000				
75x75	6	4000 - 12000				
75x75	7	4000 - 12000				
75x75	8	4000 - 12000				
75x75	9	4000 - 12000				
80x80	5,5	4000 - 12000				
80x80	6	4000 - 12000				
80x80	7	4000 - 12000				
80x80	8	4000 - 12000				
90x90	6	4000 - 12000				
90x90	7	4000 - 12000				
90x90	8	4000 - 12000				
90x90	9	4000 - 12000				
100x100	6,5	4000 - 12000				
100x100	7	4000 - 12000				
100x100	8	4000 - 12000				
100x100	10	4000 - 12000				
100x100	12	4000 - 12000				
				09G2S	DSTU 8541:2015	DSTU 8541:2015
				S235, S275, S355 (JR, JO, J2)	EN 10025-2:2019	EN 10025-1:2004; EN 10025-2:2019



Size, mm			Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Widths	Thickness	Length				
25x25	3	4000 - 12000	EN 10056-1:2017 EN 10056-2:1993	S235JR, S235J0, S235J2	EN 10025-2:2019	EN 10025-1:2004; EN 10025-2:2019 DSTU 4484:2005/ GOST 535-2005
25x25	4	4000 - 12000				
25x25	5	4000 - 12000				
30x30	3	4000 - 12000				
30x30	4	4000 - 12000				
30x30	5	4000 - 12000				
35x35	3	4000 - 12000				
35x35	4	4000 - 12000				
35x35	5	4000 - 12000				
40x40	3	4000 - 12000				
40x40	4	4000 - 12000				
40x40	5	4000 - 12000				
45x45	3	4000 - 12000				
45x45	4	4000 - 12000				
45x45	5	4000 - 12000				
50x50	3	4000 - 12000				
50x50	4	4000 - 12000				
50x50	5	4000 - 12000				
50x50	6	4000 - 12000				
50x50	7	4000 - 12000				
60x60	5	4000 - 12000				
60x60	6	4000 - 12000				
60x60	8	4000 - 12000				
63x63	5	4000 - 12000				
63x63	6	4000 - 12000				
65x65	5	4000 - 12000				



ANGLES

Kamet Steel

Size, mm			Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements			
Widths	Thickness	Length							
65x65	6	4000 - 12000	EN 10056-1:2017	S235JR, S235J0, S235J2	EN 10025-2:2019	EN 10025-1:2004; EN 10025-2:2019			
65x65	7	4000 - 12000							
70x70	5	4000 - 12000							
70x70	6	4000 - 12000							
70x70	7	4000 - 12000							
70x70	8	4000 - 12000							
70x70	9	4000 - 12000							
75x75	5	4000 - 12000							
75x75	6	4000 - 12000							
75x75	7	4000 - 12000							
75x75	8	4000 - 12000							
75x75	9	4000 - 12000							
80x80	6	4000 - 12000		EN 10056-2:1993	S275JR, S275J0, S275J2	EN 10025-2:2019	DSTU 4484:2005/ GOST 535-2005		
80x80	7	4000 - 12000							
80x80	8	4000 - 12000							
80x80	9	4000 - 12000							
80x80	10	4000 - 12000							
90x90	6	4000 - 12000			S355JR, S355J0, S355J2			EN 10025-2:2019	EN 10025-1:2004; EN 10025-2:2019
90x90	7	4000 - 12000							
90x90	8	4000 - 12000							
90x90	9	4000 - 12000							
100x100	6	4000 - 12000							
100x100	7	4000 - 12000							
100x100	8	4000 - 12000							
100x100	10	4000 - 12000							
100x100	12	4000 - 12000							



Standard	Angle width 1, mm	Angle width 2, mm	Thickness, mm	Length, mm	Standard for dimensions and shape	Steel grade	Standard for steel grade	Standard for technical specifications
European standards	25	25	3	6000-12000	EN 10056	S235JR S275JR S355JR	EN 10025-2	EN 10025-2
	25	25	4					
	30	30	3					
	30	30	4					
	35	35	3					
	35	35	4					
	35	35	5					
	40	40	3					
	40	40	4					
	40	40	5					
	40	40	4					
	45	45	4					
	45	45	4.5					
	45	45	5					
	50	50	4					
50	50	5						
50	50	6						
American standards	25	25	3.2	6000-12000	ASTM A6/A6M	ASTM A36/A36M	ASTM A36/A36M	ASTM A6/A6M
	25	25	4					
	25	25	4.8					
	25	25	6.4					
	32	32	3.2					
	32	32	4					
	32	32	4.8					
	32	32	6.4					
	38	38	3.2					
	38	38	4					
	38	38	4.8					
	38	38	6.4					
	44	44	4					
	44	44	4.8					
	44	44	6.4					
51	51	4						
51	51	4.8						
51	51	6.4						
Ukrainian and CIS standards	25	25	3	6000-12000	DSTU 2251/ GOST 8509	St3ps St3sp	DSTU 2651/ GOST 380	DSTU 4484/ GOST 535
	25	25	4					
	30	30	3					
	30	30	4					
	32	32	3					
	32	32	4					
	35	35	3					
	35	35	4					
	35	35	5					
	40	40	3					
	40	40	4					
	40	40	5					
	45	45	4					
	45	45	4.5					
	45	45	5					
50	50	4						
50	50	5						
50	50	6						

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract. By agreement it is possible to manufacture products of other sizes and steel grades.

GRINDING BALLS

Kamet Steel

Nominal diameter, mm	Weight of 1 ball, kg (for nominal diameter)	Standard for dimensions and shape	Hardness group							Standard for technical requirements
			1	2	3	4		5		
			Hardness HRC, not less							
			Surface			Surface	½ radius	Surface	Volume	
30	0,128	DSTU 8538:2015	45	49	55	55	45	61	57	DSTU 8538:2015
40	0,294		45	49	55	55	45	61	57	
50	0,580		43	48	53	53	43	—	—	
60	0,980		43	48	53	53	43			
80	2,350		39	42	52	—	—			

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract.

ROUND FOR GRINDING BALLS PRODUCTION

Kamet Steel

Size, mm		Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Diameter	Length				
30	4000 - 5900	TT 230-33-2018	Sh2, M-4, 70, SAE 1070	TT 230-33-2018	TT 230-33-2018;
40	4000 - 5900				
40	4000 - 5900				
60	4000 - 5900				
80	4000 - 5900	TT 230-34-2017	Sh2, M-4, 75Г2С	TT 230-34-2017	TT 230-34-2017
100	4000 - 5900				
120	4000 - 5900				

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract.
By agreement it is possible to manufacture products of other sizes and steel grades.

GRINDING ROD

Kamet Steel

Size, mm		Standard for dimensions and shape	Steel grades	Standard for steel grade	Standard for technical requirements
Diameter	Length				
100	5400	TU U 24.1-31632138-1417:2019	70G	DSTU 8429:2015	TU U 24.1-31632138-1417:2019

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contract.

Standard	Width, mm	Thickness, mm	Length, mm	Standard for dimensions (and shape)	Steel grade	Standard for steel grade	Standard for technical specifications
European standards	30 35	5 6 8 10 12 15 16 20	6000-12000	EN 10058	S235JR S275JR S355JR	EN 10025-2	EN 10025-2
		40 45 50					
	40	16					
	60 65 70 75 80	6 8 10 12 15 20					
	60	16 18					
	American standards	32 38 44 51					
38 44 51		8 9.5 12.7					

Dimensions, steel grade and technical requirements should be agreed during the conclusion of contracts.

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