

# STAINLESS STEEL TRADE



## Expertise

UAB "MV Steel Group" started operating in 2003 and today is one of the most stable and largest companies, which specialize in wholesale and retail of stainless steel. The wide scope of high-quality products is imported from European (Germany, Italy, Scandinavia) and Asian mills or service centers, where only the certified production in compliance with all the quality requirements is made.



## Warehouses

In our warehouses we keep a wide assortment of stainless steel sheets (cold/hot rolled), coils, tubes, bars, angle bars, flatbars, (fittings).

# Stainless steel grades

## Stainless steel grades

Stainless steel is a steel alloy with a minimum of 10.5% chromium content by mass, while carbon cannot exceed 1.2% from the alloy's mass. The chromium forms chromium oxide – quickly reforming film of metal surface that protects metal from corrosion – when exposed to oxygen.

The stainless steel is characterized by resistance to corrosion, heat, durability, easy application and simple maintenance. Its assortment is very wide. The stainless steel of austenitic class (chromium-nickel) is used the most frequently (AISI 304, AISI 316, AISI 321, AISI 310S, AISI 904L). The stainless steel of ferritic class (nickel free) is also widely used (AISI 430, AISI 441, AISI 409L). The grade of stainless steel depends on the purpose of steel, appropriate requirements and standards.

AISI	EN	C	Cr	Ni	Mo	Other elements
201		0,06-0,85	13,6-13,9	1,10-1,35		Mn
202	1,4373	≤ 0,15	17,0-19,0	4,0-6,0		
301	1,4310	≤ 0,15	16,0-18,0	6,0-8,0		
302	1,4319	≤ 0,15	17,0-19,0	8,0-10,0		
303	1,4305	≤ 0,15	17,0-19,0	8,0-10,0		S
304	1,4301	≤ 0,07	17,5-19,5	8,0-10,50		
304L	1,4306	≤ 0,03	17,5-19,5	8,0-12,0		
305	1,4303	≤ 0,12	17,0-19,0	10,5-13,0		
316	1,4401	≤ 0,08	16,0-18,0	10,0-14,0	2,0-3,0	
316L	1,4404	≤ 0,03	16,0-18,0	10,0-14,0	2,0-3,0	
316Ti	1,4571	≤ 0,08	16,0-18,0	10,0-14,0	2,0-3,0	Ti
317L	1,4438	≤ 0,03	18,0-20,0	11,0-15,0	3,0-4,0	
321	1,4541	≤ 0,08	17,0-19,0	9,0-12,0		Ti
904L	1,4539	≤ 0,02	19,0-23,0	23,0-28,0	4,0-5,0	Cu
409L	1,4512	≤ 0,03	10,5-12,25			Ti,N
410	1,4006	0,08-0,15	11,5-13,5	≤ 0,75		
410S	1,400	≤ 0,08	11,5-14,5	≤ 0,60		
416	1,4005	≤ 0,15	12,0-14,0			S
430	1,4016	≤ 0,12	16,0-18,0			
439	1,4510	≤ 0,07	17,0-19,0	≤ 0,5		Nb,Ti
441	1,4509	≤ 0,03	17,5-18,5			Ti
444	1,4521	≤ 0,025	17,5-18,5		2,1	Cu,Cb,Nb
304H	1,4948	0,04-0,10	18,0-20,0	8,0-11,0		Ti
321H	1,4878	0,04-0,10	17,0-19,0	9,0-12,0		Cb,Nb
309S	1,4833	≤ 0,08	22,0-24,0	12,0-14,0		
310S	1,4845	≤ 0,08	24,0-26,0	19,0-22,0		

AISI	Description
304	The most common grade of chromium-nickel steel of austenitic class. It has low content of carbon, cannot be tempered, is resistant to corrosion and is not magnetic. It can be welded well. It suits almost for all the groups of the products factually. It is suitable for the devices of chemical, textile, food, oil, pharmaceutical and paper industry and can be used to make the flatware.
316	The Cr-Ni-Mo stainless and not tempered steel of austenitic class. Molybdenum provides increased resistance to corrosion. It is used for equipment of chemical industry meant to operate in especially aggressive environment. It also suits for devices exposed to water or marine atmospheric air. It is used to make chimney liners.
316L	The Cr-Ni-Mo stainless and not tempered steel of austenitic class. Molybdenum provides increased resistance to corrosion. It contains less carbon than AISI 316 steel; therefore it suits more for welded constructions. It is used in the same way as AISI 316 steel, where resistance to corrosion is increased.
321	The N-Cr stainless steel of austenitic class stabilized by titanium Ti. It is not tempered, is not magnetic and it suits especially well for welded constructions, where ambient temperature reaches 400-800 degrees. It is used widely for retractable collectors of aviation engines, cases of boilers, and collector rings of devices of oilfield. It is used for devices operating at high temperature.
420	The stainless steel of martensitic class. It contains 12% of chromium. Magnetic
430	The stainless steel of ferritic class resistant to corrosion (resistance is lower than in case of AISI 304). It attracts magnet and contains no nickel. It is the most common stainless steel of ferritic class.

# Sheets/ Coil

Dimensions, mm	Weight, kg/un.	1,4301 AISI 304					1,4404 AISI 316L				1,4016 AISI 430				AISI 201			
		2B	BA	1D	Grit	Corr.	2B	BA	1D	Grit	2B	BA	1D	Grit	2B	BA	1D	Grit
0.5x1000x2000	8,0	●	●		●		●	●		○	●	●		●	○	○		○
0.5x1250x2500	12,5	●	●		●		●	●		○	●	○		●	●	○		○
0.5x1000xrulon	–	●	●		●		●	●		○	●	●		○	○	○		○
0.5x1250xrulon	–	●	●		●		●	●		○	●	●		○	●	○		○
0.6x1000x2000	9,6	●	●		●		●	●		○	●	●		●	○	○		○
0.6x1250x2500	15,0	●	●		●		●	●		○	●	○		●	○	○		○
0.6x1000xrulon	–	●	●		●		●	●		○	●	●		○	○	○		○
0.6x1250xrulon	–	●	●		●		●	●		○	●	○		○	●	○		○
0.8x1000x2000	12,8	●	●		●		●	●		○	●	●		●	○	○		○
0.8x1250x2500	20,0	●	●		●		●	●		○	●	●		●	●	○		●
0.8x1500x3000	28,8	●	●		●		●	●		○	●	○		●	○	○		○
0.8x1000xrulon	–	●	●		●		●	●		○	●	○		○	○	○		○
0.8x1250xrulon	–	●	●		●		●	●		○	●	○		●	○	○		○
1.0x1000x2000	16,0	●	●		●		●	●		○	●	○		●	○	○		○
1.0x1250x2500	25,0	●	●		●		●	●		○	●	●		●	●	○		●
1.0x1500x3000	36,0	●	●		●		●	●		○	●	○		○	○	○		○
1.0x1000xrulon	–	●	●		●		●	●		○	●	○		●	○	○		○
1.25x1000x2000	20,0	●	●		●		●	●		○	●	○		●	○	○		○
1.25x1250x2500	31,25	●	●		●		●	●		○	●	●		●	●	○		●
1.25x1500x3000	45,0	●	●		●		●	●		○	●	○		●	○	○		○
1.5x1000x2000	24,0	●	●		●		●	●		○	●	○		●	○	○		○
1.5x1250x2500	37,5	●	●		●		●	●		○	●	○		●	●	○		●
1.5x1500x3000	54,0	●	●		●		●	●		○	●	○		●	○	○		○
2.0x1000x2000	32,0	●	●		●	●	●	●		○	●	●		●	○	○		○
2.0x1250x2500	50,0	●	●		●	●	●	●		○	●	●		●	○	○		●
2.0x1500x3000	72,0	●	○		●	●	●	○		○	○	○		○	○	○		○
3.0x1000x2000	48,0	●	○	●	●	●	●	○	●	○	●	○	●	○			○	○
3.0x1250x2500	75,0	●	○	●	●	●	●	○	●	○	●	○	●	○			○	○
3.0x1500x3000	108,0	●	○	●	●	●	●	○	●	○	○	○	●	○			○	○
4.0x1000x2000	64,0	●	○	●	●	●	●	○	●	○	○	○	●	○			○	
4.0x1250x2500	100,0	●	○	●	●	●	●	○	●	○	○	○	●	○			○	
4.0x1500x3000	144,0	●	○	●	●	●	●	○	●	○	○	○	●	○			○	
5.0x1000x2000	80,0	●	○	●	●	●	●	○	●	○	○	○	○	○			○	
5.0x1250x2500	125,0	●	○	●	●	●	●	○	●	○	○	○	○	○			○	
5.0x1500x3000	180,0	●	○	●	●	●	●	○	●	○	○	○	○	○			○	
6.0x1000x2000	96,0	●	○	●	●	●	●	○	●	○	○	○	○	○			○	
6.0x1250x2500	150,0	●	○	●	●	●	●	○	●	○	○	○	○	○			○	
6.0x1500x3000	216,0	●	○	●	●	●	●	○	●	○	○	○	○	○			○	
8.0x1000x2000	128,0			●					○					○			○	
8.0x1250x2500	200,0			●					○					○			○	
8.0x1500x3000	288,0			●					○					○			○	
10.0x1000x2000	160,0			●					○					○			○	
10.0x1250x2500	250,0			●					○					○			○	
10.0x1500x3000	360,0			●					○					○			○	
12.0x1000x2000	192,0			○					○					○			○	
12.0x1250x2500	300,0			○					○					○			○	
12.0x1500x3000	432,0			○					○					○			○	

● in the warehouse ○ by order

We supply stainless steel of non-standard dimensions according to individual orders.

# Bars

Dimensions, mm	Weight, kg/un.	1.4301/AISI 304	1.4404/AISI 316L
		H9	H9
2	0,03	●	○
3	0,056	●	○
4	0,099	●	○
5	0,154	●	○
6	0,222	●	○
7	0,302	●	○
8	0,395	●	○
10	0,617	●	○
12	0,888	●	○
14	1,208	●	○
15	1,387	●	○
16	1,578	●	○
18	1,998	●	○
20	2,466	●	○
22	2,984	●	○
25	3,853	●	○
28	4,834	●	○
30	5,549	●	○
35	7,553	●	○
40	9,865	●	○
45	12,490	●	○
50	15,410	●	○
55	18,650	●	○
60	22,200	●	○
65	26,050	●	○
70	30,210	●	○
80	39,460	●	○
90	49,940	●	○
100	61,650	●	○

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# Strips

Dimensions, mm	Weight, kg/un.	1.4301/AISI 304		Dimensions, mm	Weight, kg/un.	1.4301/AISI 304	
			Matted				Matted
15x5	0,59		●	50x6	2,36		●
20x3	0,47		●	50x8	3,14		●
20x4	0,64		●	50x10	3,93		●
20x5	0,79		●	50x12	4,71		○
20x6	0,94		●	60x4	1,92		●
20x8	1,28		●	60x5	2,40		●
20x10	1,57		●	60x6	2,83		●
25x3	0,59		●	60x8	3,84		●
25x4	0,79		●	60x10	4,80		●
25x5	0,98		●	60x12	5,65		○
25x6	1,18		●	70x6	3,30		○
25x8	1,60		●	70x8	4,40		○
25x10	2,00		●	70x10	5,60		○
30x3	0,71		●	80x3	1,92		●
30x4	0,94		●	80x4	2,51		●
30x5	1,18		●	80x5	3,14		●
30x6	1,41		●	80x6	3,77		●
30x8	1,88		●	80x8	5,02		●
30x10	2,40		●	80x10	6,28		●
30x12	2,83		○	80x12	7,54		○
35x4	1,10		●	90x10	7,07		○
35x5	1,37		●	100x5	4,00		●
35x6	1,65		●	100x6	4,71		○
35x8	2,20		●	100x8	6,40		○
40x3	0,94		●	100x10	7,85		○
40x4	1,26		●	100x12	9,60		○
40x5	1,57		●	120x6	5,76		○
40x6	1,92		●	120x8	7,54		○
40x8	2,51		●	120x10	9,42		○
40x10	3,14		●	120x12	11,30		○
50x3	1,20		●	150x8	9,6		○
50x4	1,60		●	150x10	11,78		○
50x5	1,96		●	160x10	12,56		○

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# Angle bars

Dimensions, mm	Weight, kg/un.	1.4301/AISI 304	1.4404/AISI 316L
20x20x3	0,89	●	○
20x20x4	1,14	●	○
25x25x3	1,12	●	○
25x25x4	1,45	●	○
30x30x3	1,36	●	○
30x30x4	1,78	●	○
30x30x5	2,18	●	○
35x35x4	2,10	●	○
40x40x4	2,42	●	○
40x40x5	2,97	●	○
40x40x6	3,52	●	○
50x50x5	3,77	●	○
50x50x6	4,47	●	○
60x60x6	5,42	●	○
60x60x8	7,09	●	○
70x70x7	7,38	●	○
80x80x8	9,66	●	○
80x80x10	11,90	●	○
90x90x9	12,20	○	○
100x100x10	15,100	●	○
100x100x12	17,80	○	○
110x110x10	16,60	○	○
120x120x12	21,60	○	○
130x130x12	23,60	○	○
150x150x12	27,30	○	○
150x150x15	33,80	○	○
160x160x15	36,20	○	○
180x180x20	50,90	○	○
200x200x20	62,80	○	○

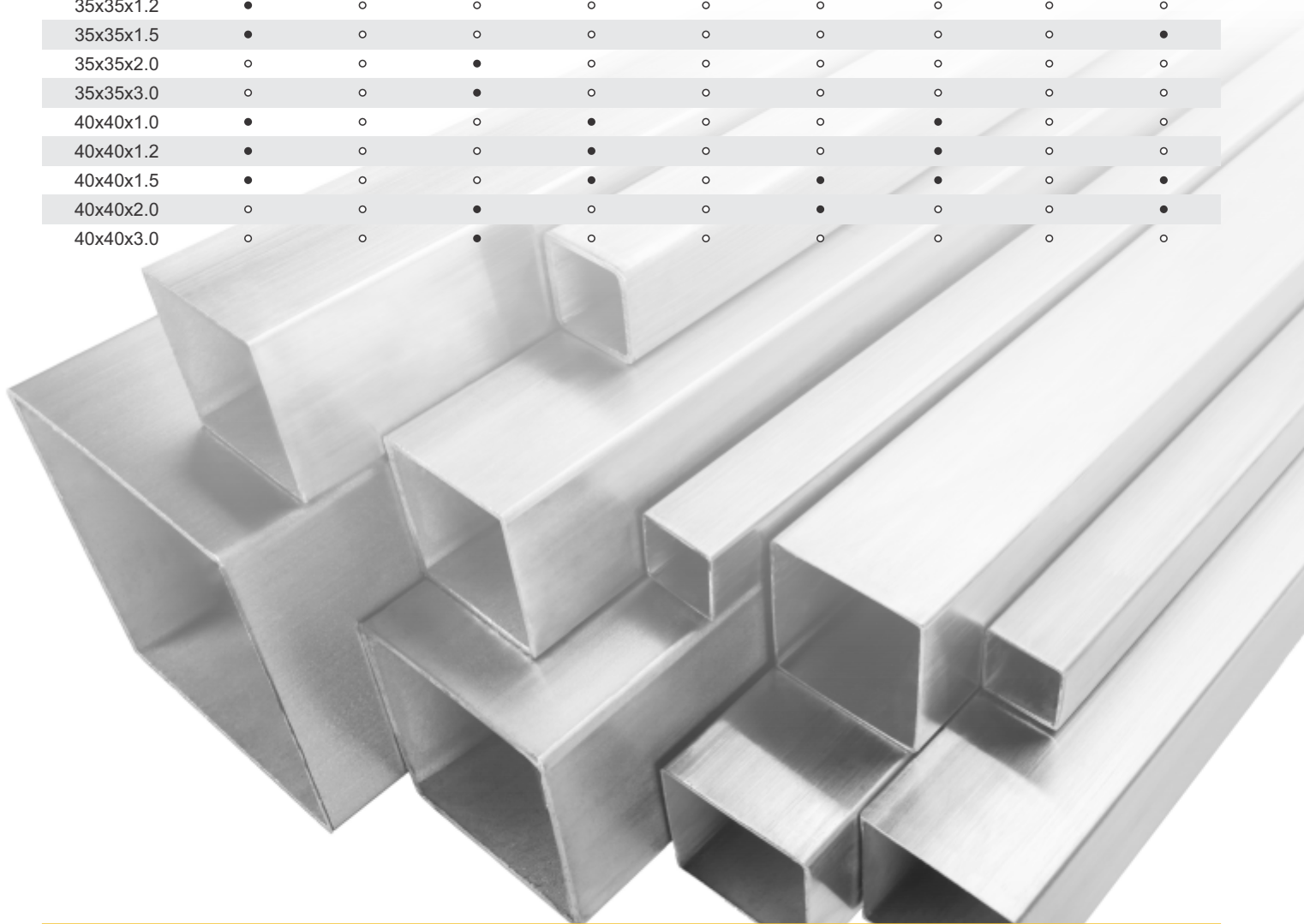


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# Square tubes

Dimensions, mm	1,4301 AISI 304			1,4016 AISI 430			AISI 201		
	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.
10x10x1.0	●	○	○	○	○	○	○	○	○
15x15x1.0	●	○	○	○	○	○	○	○	○
15x15x1.2	●	○	○	○	○	○	●	○	○
15x15x1.5	●	○	○	○	○	●	○	○	●
20x20x1.0	●	○	○	●	○	○	●	○	○
20x20x1.2	●	○	○	●	○	○	●	○	○
20x20x1.5	●	○	●	●	○	●	●	○	●
20x20x2.0	○	○	●	○	○	●	○	○	○
25x25x1.0	●	○	○	●	○	○	●	○	○
25x25x1.2	●	○	○	●	○	○	●	○	○
25x25x1.5	●	○	●	●	○	●	●	○	●
25x25x2.0	○	○	●	○	○	●	○	○	●
25x25x3.0	○	○	●	○	○	○	○	○	○
30x30x1.0	●	○	○	●	○	○	●	○	○
30x30x1.2	●	○	○	●	○	○	●	○	○
30x30x1.5	●	○	●	●	○	●	●	○	●
30x30x2.0	○	○	●	○	○	●	○	○	●
30x30x3.0	○	○	●	○	○	○	○	○	○
35x35x1.2	●	○	○	○	○	○	○	○	○
35x35x1.5	●	○	○	○	○	○	○	○	●
35x35x2.0	○	○	●	○	○	○	○	○	○
35x35x3.0	○	○	●	○	○	○	○	○	○
40x40x1.0	●	○	○	●	○	○	●	○	○
40x40x1.2	●	○	○	●	○	○	●	○	○
40x40x1.5	●	○	○	●	○	●	●	○	●
40x40x2.0	○	○	●	○	○	●	○	○	●
40x40x3.0	○	○	●	○	○	○	○	○	○

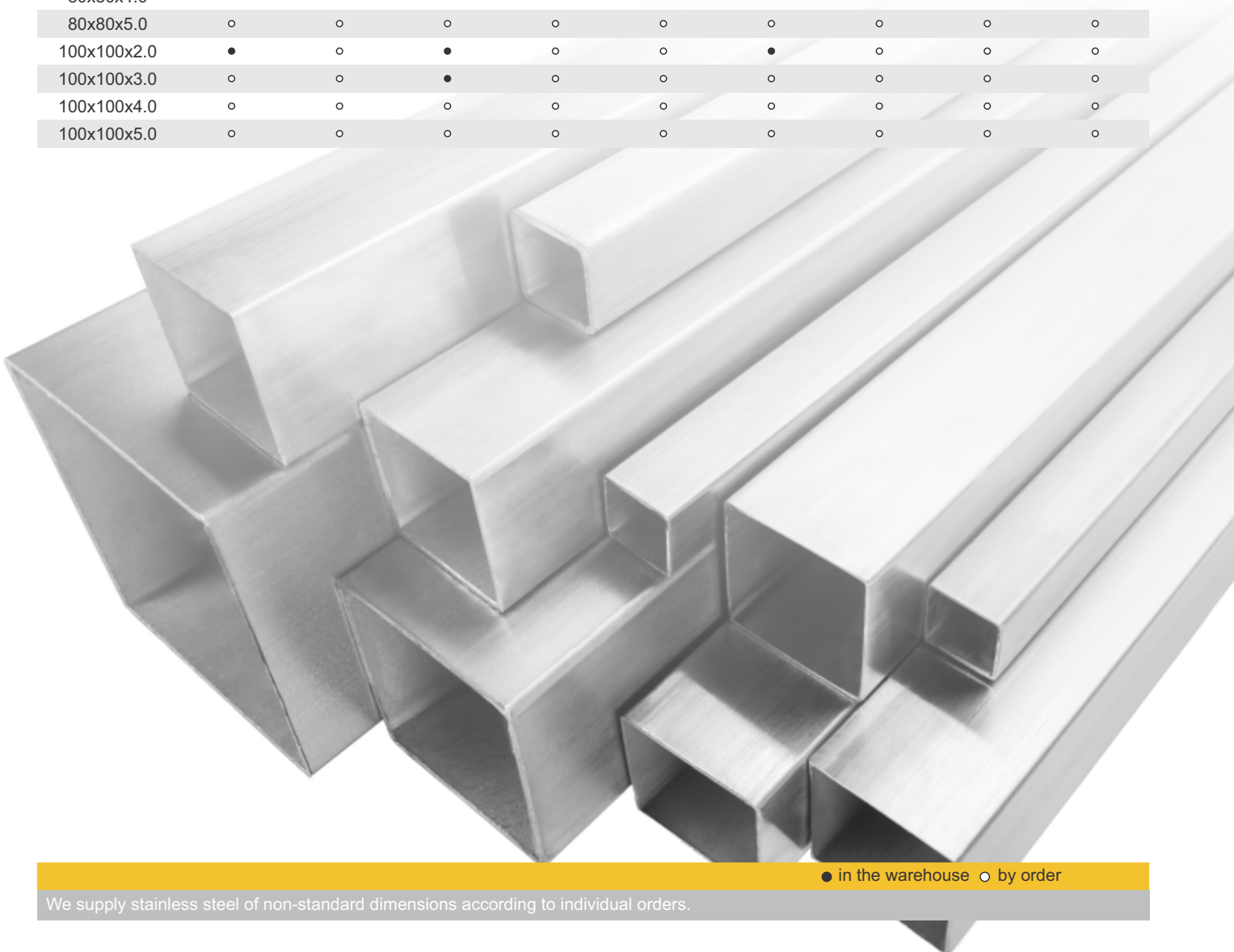


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# Square tubes

Dimensions, mm	1,4301 AISI 304			1,4016 AISI 430			AISI 201		
	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.
40x40x4.0	○	○	○	○	○	○	○	○	○
50x50x1.5	●	○	●	●	○	○	○	●	○
50x50x2.0	●	○	●	○	○	○	○	○	○
50x50x3.0	○	○	○	○	○	○	○	○	○
50x50x4.0	○	○	○	○	○	○	○	○	○
50x50x5.0	○	○	○	○	○	○	○	○	○
60x60x1.5	●	○	●	●	○	○	○	●	○
60x60x2.0	●	○	●	○	○	○	○	○	○
60x60x3.0	○	○	●	○	○	○	○	○	○
60x60x4.0	○	○	○	○	○	○	○	○	○
60x60x5.0	○	○	○	○	○	○	○	○	○
70x70x2.0	○	○	○	○	○	○	○	○	○
70x70x3.0	○	○	○	○	○	○	○	○	○
70x70x4.0	○	○	○	○	○	○	○	○	○
70x70x5.0	○	○	○	○	○	○	○	○	○
80x80x1.5	●	○	●	○	○	○	○	○	○
80x80x2.0	●	○	●	○	○	●	○	○	○
80x80x3.0	○	○	●	○	○	○	○	○	○
80x80x4.0	○	○	○	○	○	○	○	○	○
80x80x5.0	○	○	○	○	○	○	○	○	○
100x100x2.0	●	○	●	○	○	●	○	○	○
100x100x3.0	○	○	●	○	○	○	○	○	○
100x100x4.0	○	○	○	○	○	○	○	○	○
100x100x5.0	○	○	○	○	○	○	○	○	○



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# Rectangular tubes

Dimensions, mm	1,4301 AISI 304			1,4016 AISI 430			AISI 201		
	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.
20x10x1.0	●	○	●	○	○	○	○	○	○
20x10x1.2	●	○	○	○	○	○	○	○	○
20x10x1.5	●	○	●	○	○	○	○	○	○
20x15x1.5	○	○	○	○	○	○	○	○	○
25x10x1.5	●	○	○	○	○	○	○	○	○
25x15x1.0	○	○	○	○	○	○	○	○	○
25x15x1.2	○	○	○	○	○	○	○	○	○
30x10x1.5	●	○	●	○	○	○	○	○	○
30x10x2.0	●	○	○	○	○	○	○	○	○
30x15x1.2	●	○	○	○	○	○	○	○	○
30x15x1.5	●	○	●	○	○	○	○	○	○
30x15x2.0	○	○	●	○	○	○	○	○	○
30x20x1.0	○	○	○	○	○	○	○	○	○
30x20x1.2	○	○	○	○	○	○	○	○	○
30x20x1.5	●	○	●	○	○	○	○	○	○
30x20x2.0	○	○	○	○	○	○	○	○	○
40x10x1.5	○	○	○	○	○	○	○	○	○
40x15x1.0	○	○	○	○	○	○	○	○	○
40x15x1.2	○	○	○	○	○	○	○	○	○
40x15x1.5	○	○	○	○	○	○	○	○	○
40x15x2.0	○	○	○	○	○	○	○	○	○
40x20x1.0	●	○	●	●	○	○	●	○	○
40x20x1.2	●	○	○	●	○	○	●	○	○
40x20x1.5	●	○	●	●	○	○	●	○	○
40x20x2.0	○	○	●	○	○	○	○	○	○
40x20x3.0	○	○	●	○	○	○	○	○	○
40x30x1.0	○	○	○	○	○	○	○	○	○
40x30x1.2	○	○	○	○	○	○	○	○	○
40x30x1.5	○	○	○	○	○	○	○	○	○
40x30x2.0	○	○	○	○	○	○	○	○	○
40x30x3.0	○	○	○	○	○	○	○	○	○
50x20x1.2	○	○	○	○	○	○	○	○	○
50x20x1.5	○	○	●	○	○	○	○	○	○
50x20x2.0	○	○	●	○	○	○	○	○	○
50x25x1.2	●	○	○	○	○	○	○	○	○
50x25x1.5	●	○	○	●	○	○	●	●	○
50x25x2.0	○	○	●	○	○	○	○	○	○
50x25x3.0	○	○	○	○	○	○	○	○	○
50x30x1.2	○	○	○	○	○	○	○	○	○
50x30x1.5	●	○	○	○	○	○	○	○	○
50x30x2.0	○	○	●	○	○	○	○	○	○
50x30x3.0	○	○	○	○	○	○	○	○	○

● in the warehouse ○ by order

We supply stainless steel of non-standard dimensions according to individual orders.

# Rectangular tubes

Dimensions, mm	1,4301 AISI 304			1,4016 AISI 430			AISI 201		
	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.
60x20x1.5	○	○	○	○	○	○	○	○	○
60x20x2.0	○	○	○	○	○	○	○	○	○
60x20x3.0	○	○	○	○	○	○	○	○	○
60x30x1.5	●	○	●	●	○	○	○	○	○
60x30x2.0	○	○	●	○	○	○	○	○	○
60x30x3.0	○	○	○	○	○	○	○	○	○
60x40x1.5	●	○	●	●	○	○	○	●	○
60x40x2.0	●	○	●	○	○	○	○	○	○
60x40x3.0	○	○	○	○	○	○	○	○	○
60x40x4.0	○	○	○	○	○	○	○	○	○
70x40x2.0	○	○	●	○	○	○	○	○	○
70x40x3.0	○	○	○	○	○	○	○	○	○
80x40x1.5	●	○	●	●	○	○	○	○	○
80x40x2.0	●	○	●	○	○	○	○	○	○
80x40x3.0	○	○	○	○	○	○	○	○	○
80x40x4.0	○	○	○	○	○	○	○	○	○
80x40x5.0	○	○	○	○	○	○	○	○	○
80x60x2.0	○	○	●	○	○	○	○	○	○
80x60x3.0	○	○	○	○	○	○	○	○	○
80x60x4.0	○	○	○	○	○	○	○	○	○
80x60x5.0	○	○	○	○	○	○	○	○	○
100x40x2.0	●	○	●	○	○	○	○	○	○
100x40x3.0	○	○	○	○	○	○	○	○	○
100x40x4.0	○	○	○	○	○	○	○	○	○
100x40x5.0	○	○	○	○	○	○	○	○	○
100x50x2.0	○	○	○	○	○	○	○	○	○
100x50x3.0	○	○	○	○	○	○	○	○	○
100x50x4.0	○	○	○	○	○	○	○	○	○
100x50x5.0	○	○	○	○	○	○	○	○	○
100x60x2.0	○	○	○	○	○	○	○	○	○
100x60x3.0	○	○	○	○	○	○	○	○	○
100x60x4.0	○	○	○	○	○	○	○	○	○
100x60x5.0	○	○	○	○	○	○	○	○	○



● in the warehouse ○ by order

We supply stainless steel of non-standard dimensions according to individual orders.

# Round tubes

Dimensions, mm	1,4301 AISI 304			1,4404 AISI 316L			AISI 201		
	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.
6x1.0	●	○	●	○	○	○	○	○	○
8x1.0	●	○	●	○	○	○	○	●	○
8x1.5	●	○	●	○	○	○	○	○	○
10x1.0	●	○	○	○	○	○	●	●	○
10x1.2	●	○	○	○	○	○	○	○	○
10x1.5	●	○	●	○	○	●	○	○	○
12x1.0	●	○	○	○	○	○	●	●	○
12x1.2	●	○	○	○	○	○	○	○	○
12x1.5	●	○	●	○	○	○	○	○	○
12x2.0	○	○	●	○	○	○	○	○	○
14x1.0	●	○	○	○	○	○	○	●	○
14x1.5	●	○	●	●	●	●	○	●	○
14x2.0	○	○	●	○	○	○	○	○	○
15x1.0	○	○	○	○	○	○	○	○	○
15x1.5	●	○	○	○	○	○	○	○	○
16x1.0	●	○	○	○	○	○	○	●	○
16x1.5	●	○	●	○	○	●	●	●	○
16x2.0	○	○	●	○	○	○	○	○	○
18x1.0	○	○	○	○	○	○	○	○	○
18x1.5	●	○	●	○	○	●	○	●	○
18x2.0	○	○	●	○	○	○	○	○	○
20x1.0	○	○	○	○	○	○	○	○	○
20x1.2	●	○	○	○	○	○	●	●	○
20x1.5	●	○	●	●	●	○	○	○	○
20x2.0	●	○	●	●	○	●	○	○	○
21.3x2	○	○	●	○	○	●	○	○	○
22x1.0	○	○	○	○	○	○	○	○	○
22x1.5	●	○	●	○	○	●	○	○	○
22x2.0	○	○	○	○	○	○	○	○	○
25x1.0	○	○	○	○	○	○	○	○	○
25x1.2	●	○	○	○	○	○	○	●	○
25x1.5	●	○	●	●	●	○	●	●	○
25x2.0	●	○	●	○	○	●	●	●	○
25x2.5	○	○	○	○	○	○	○	○	○

● in the warehouse ○ by order

We supply stainless steel of non-standard dimensions according to individual orders.

# Round tubes

Dimensions, mm	1,4301 AISI 304			1,4404 AISI 316L			AISI 201		
	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.
26.9x2.0	○	●	●	○	○	●	○	●	○
28x1.0	○	○	○	○	○	●	○	●	○
28x1.2	○	○	○	○	○	○	○	○	○
28x1.5	●	○	●	●	●	●	○	○	○
28x2.0	○	○	○	○	○	○	○	○	○
30x1.0	○	○	○	○	○	○	○	○	○
30x1.2	○	○	○	○	○	○	○	○	○
30x1.5	●	○	●	●	○	○	○	●	○
30x2.0	●	○	●	○	○	●	●	○	○
30x2.5	○	○	○	○	○	○	○	○	○
30x3.0	○	○	○	○	○	○	○	○	○
32x1.0	○	○	○	○	○	○	○	○	○
32x1.2	○	○	○	○	○	○	○	○	○
32x1.5	●	○	●	●	●	○	●	●	○
32x2.0	●	○	●	○	○	●	●	●	○
32x3.0	○	○	○	○	○	○	○	○	○
33.7x1.5	●	○	●	○	○	●	○	○	○
33.7x2.0	●	○	●	●	○	●	○	○	○
33.7x2.6	○	○	○	○	○	○	○	○	○
33.7x3.0	○	○	○	○	○	○	○	○	○
33.7x3.2	○	○	○	○	○	○	○	○	○
38x1.0	○	○	○	○	○	○	○	○	○
38x1.2	○	○	○	○	○	○	○	○	○
38x1.5	●	○	●	●	○	●	●	●	○
38x2.0	●	○	●	○	○	○	○	○	○
38x3.0	○	○	○	○	○	○	○	○	○
40x1.0	○	○	○	○	○	○	○	○	○
40x1.5	●	○	●	●	○	●	●	○	○
40x2.0	●	○	●	●	○	○	○	○	○
40x3.0	○	○	○	○	○	○	○	○	○
42.4x1.2	○	○	○	○	○	○	○	○	○
42.4x1.5	●	○	●	●	○	○	●	○	○
42.4x2.0	●	○	●	●	○	●	●	○	○
48.3x1.5	●	○	●	●	○	○	●	○	○

● in the warehouse ○ by order

We supply stainless steel of non-standard dimensions according to individual orders.

# Round tubes

Dimensions, mm	1,4301 AISI 304			1,4404 AISI 316L			AISI 201		
	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.	Grit	Mirror	Mat/Br.
48.3x2.0	●	○	●	○	○	●	○	○	○
48.3x3.0	○	○	○	○	○	○	○	○	○
50x1.0	○	○	○	○	○	●	○	○	○
50x1.5	●	○	○	○	○	○	○	●	○
50x2.0	○	○	○	○	○	○	○	○	○
50x3.0	○	○	○	○	○	○	○	○	○
50.8x1.5	●	○	●	●	○	●	○	○	○
50.8x2.0	●	○	○	○	○	○	○	○	○
60.3x1.5	●	○	○	●	○	○	○	●	○
60.3x2.0	○	○	●	○	○	●	○	○	○
60.3x2.6	○	○	●	○	○	○	○	○	○
60.3x3.0	○	○	○	○	○	○	○	○	○
63.5x1.5	●	○	○	○	○	○	○	○	○
63.5x2.0	○	○	○	○	○	○	○	○	○
63.5x3.0	○	○	○	○	○	○	○	○	○
76.1x2.0	●	○	●	○	○	●	○	●	○
80x1.5	○	○	○	○	○	○	○	○	○
80x2.0	○	○	○	○	○	○	○	○	○
84x2.0	○	○	●	○	○	○	○	○	○
85x2.0	○	○	●	○	○	○	○	○	○
88.9x2.0	○	○	●	○	○	●	○	○	○
88.9x3.0	○	○	○	○	○	○	○	○	○
101.6x1.5	○	○	●	○	○	○	○	○	○
101.6x2.0	○	○	○	○	○	●	○	○	○
101.6x3.0	○	○	●	○	○	○	○	○	○
101.6x4.0	○	○	○	○	○	○	○	○	○
114.3x2.0	○	○	●	○	○	●	○	○	○
114.3x3.0	○	○	●	○	○	○	○	○	○
129.0x2.0	○	○	●	○	○	●	○	○	○
139.7x2.0	○	○	●	○	○	○	○	○	○
139.7x3.0	○	○	○	○	○	○	○	○	○
154.0x2.0	○	○	●	○	○	○	○	○	○

● in the warehouse ○ by order

We supply stainless steel of non-standard dimensions according to individual orders.

### Norms (standards), which define characteristics of stainless steel pipes

DIN 17455	General purpose welded pipes for constructive and decorative purposes. Weld joint coefficient V = 0.8 Not annealed
DIN 17457	Welded tubes subject to special requirements, mainly used in the manufactured devices, production of pressure vessels and chemical industry Not annealed or annealed Weld joint coefficient V = 1.0
DIN 11850	Welded tubes used in food industry Weld joint coefficient V = 1.0 Made from cold-rolled strips. Surface unevenness roughness) 0.8 µm (1.6 µm on internal seam). The seam is removed on both sides Brushed or etched, not annealed or annealed Suits for polishing and grinding, surface of high requirements (treatment)
DIN 17456/DIN 17458	Seamless tubes subject to general and special requirements
DIN 2395	Rectangular and square cross-section's profiles
ASTM A 312	Welded and seamless pipes for high temperature and aggressive environment
ASTM A 358	Electric-fusion-welded pipes for high-temperature service
ASTM A 269	Welded and seamless pipes subject to general requirements
ASTM A 249	Welded pipes meant to make boilers, heaters, heat converters and condensers
ASTM A 270	Welded and seamless pipes for food industry and treatment of surfaces of high requirements
ASTM A 554	Welded tubes for constructive and decorative purposes

### Resistance of different grades of stainless steel to high temperature

Grade		Highest possible work temperature	
EN	AISI	Periodic (°C)	Non-periodic (°C)
1.4016	430	870	815
1.4006	410	815	705
1.4021	420	735	620
1.4301	304	870	925
1.4404	316	870	925
1.4541	321	870	925
1.4571	316Ti	870	925
1.4724	309	1177	982
1.4841	310	1100	900
1.4845	310S	1100	900
1.4539	904L	850	1150



Nemajunu str. 19B  
LT-52449 Kaunas  
Phone.:+370 37 328200  
Fax.: +370 37 261878  
Mob: +370 620 10900

Titnago str. 12  
LT-02300 Vilnius  
Phone.:+370 5 2032584  
Mob.: +370 682 23535

Laevastiku 3s,  
Põhja-Tallinna linnaosa,  
Tallinn, Harjumaa, 10313  
Mob: +372 515 8732  
Mob: +372 527 2916