

# Seamless hot rolled steel tubes

Tubes for construction, mechanical and general engineering purposes. Heléns have a complete range of dimensions to suit your production. In cooperation with leading suppliers, we can also offer the best alternatives when it comes to quenched and tempered, case hardened and bearing steel.

## SEAMLESS HOT ROLLED STEEL TUBES

Seamless hot rolled steel tubes acc to EN 10210-1+2 grade S355J2H, EN 10297-1 grade E355 and acc to EN 10216-3 grade P355N TC1. The tubes are impact tested at -20°C, min 27J and stamped with heat number. The tubes are delivered in random lengths or fixed cut lengths. Certificate in accordance with EN10204/3.1 can be supplied on request.

### PRODUCT INFORMATION

OD	WALL	KG/M
25.00	3.20	1.70
25.00	6.30	2.90
26.90	2.60	1.60
26.90	7.10	3.50
30.00	3.20	2.10
33.70	3.20	2.40
33.70	3.60	2.70
33.70	4.00	2.90
33.70	4.50	3.20
33.70	5.00	3.50
33.70	5.60	3.90
33.70	6.30	4.20
33.70	8.00	5.10
38.00	3.20	2.80
38.00	3.60	3.10
38.00	4.00	3.40
38.00	5.00	4.10
38.00	5.60	4.50
38.00	6.30	4.90
38.00	7.10	5.40
38.00	8.00	5.90
38.00	8.80	6.30

OD	WALL	KG/M
38.00	10.00	6.90
42.40	3.20	3.10
42.40	3.60	3.40
42.40	4.00	3.80
42.40	5.00	4.60
42.40	5.60	5.10
42.40	6.30	5.60
42.40	7.10	6.20
42.40	8.00	6.80
44.50	2.90	3.00
44.50	3.20	3.30
44.50	3.60	3.60
44.50	4.00	4.00
44.50	5.00	4.90
44.50	5.60	5.40
44.50	7.10	6.60
44.50	8.00	7.20
44.50	10.00	8.50
48.30	2.90	3.30
48.30	3.20	3.60
48.30	3.60	4.00
48.30	4.00	4.40

OD	WALL	KG/M
48.30	5.00	5.30
48.30	5.60	5.90
48.30	6.30	6.50
48.30	7.10	7.20
48.30	8.00	8.00
48.30	12.50	11.00
51.00	3.20	3.80
51.00	3.60	4.20
51.00	4.00	4.60
51.00	5.00	5.70
51.00	5.60	6.30
51.00	6.30	6.90
51.00	7.10	7.70
51.00	8.00	8.50
51.00	8.80	9.20
51.00	10.00	10.10
51.00	11.00	10.90
51.00	12.50	11.90
51.00	14.20	12.90
54.00	8.00	9.10
54.00	10.00	10.90
54.00	12.50	12.80
54.00	14.20	13.90
57.00	3.20	4.30
57.00	4.00	5.20
57.00	5.00	6.40
57.00	6.30	7.90
57.00	7.10	8.70
57.00	8.00	9.70
57.00	8.80	10.50
57.00	12.50	13.70
57.00	14.20	15.00
57.00	16.00	16.20
60.30	3.20	4.50
60.30	3.60	5.00
60.30	4.00	5.60
60.30	4.50	6.20
60.30	5.00	6.80
60.30	5.60	7.60
60.30	6.30	8.40
60.30	7.10	9.30
60.30	8.00	10.30
60.30	8.80	11.20
60.30	10.00	12.40
60.30	11.00	13.40
60.30	12.50	14.70
60.30	14.20	16.10
60.30	16.00	17.50
60.30	17.50	18.50
63.50	4.00	5.90

OD	WALL	KG/M
63.50	5.00	7.20
63.50	6.30	8.90
63.50	7.10	9.90
63.50	8.00	11.00
63.50	8.00	11.00
63.50	8.80	11.90
63.50	10.00	13.20
63.50	11.00	14.20
63.50	12.50	15.70
63.50	14.20	17.30
63.50	16.00	18.70
63.50	17.50	19.90
70.00	3.20	5.30
70.00	4.00	6.50
70.00	5.00	8.00
70.00	6.30	9.90
70.00	7.10	11.00
70.00	8.00	12.20
70.00	8.80	13.30
70.00	10.00	14.80
70.00	11.00	16.00
70.00	12.50	17.70
70.00	14.20	19.50
70.00	16.00	21.30
70.00	20.00	24.70
76.10	3.20	5.80
76.10	3.60	6.40
76.10	4.00	7.10
76.10	4.50	8.00
76.10	5.00	8.80
76.10	5.60	9.70
76.10	6.30	10.80
76.10	7.10	12.10
76.10	8.00	13.40
76.10	8.80	14.60
76.10	10.00	16.30
76.10	11.00	17.70
76.10	12.50	19.60
76.10	14.20	21.70
76.10	16.00	23.70
76.10	17.50	25.30
76.10	20.00	27.70
82.50	4.00	7.70
82.50	5.00	9.60
82.50	5.60	10.60
82.50	6.30	11.80
82.50	7.10	13.20
82.50	8.00	14.70
82.50	8.80	16.00
82.50	10.00	17.90

OD	WALL	KG/M
82.50	11.00	19.40
82.50	12.50	21.60
82.50	14.20	23.90
82.50	16.00	26.20
82.50	17.50	28.10
82.50	20.00	30.80
82.50	22.20	33.00
82.50	25.00	35.50
88.90	3.60	7.60
88.90	4.00	8.40
88.90	4.50	9.40
88.90	5.00	10.40
88.90	5.60	11.50
88.90	6.30	12.80
88.90	8.00	16.00
88.90	8.80	17.40
88.90	10.00	19.50
88.90	11.00	21.10
88.90	12.50	23.60
88.90	14.20	26.20
88.90	16.00	28.80
88.90	17.50	30.80
88.90	20.00	34.00
88.90	22.20	36.50
88.90	25.00	39.40
95.00	5.00	11.10
95.00	6.30	13.80
95.00	7.10	15.40
95.00	8.00	17.20
95.00	8.80	18.70
95.00	10.00	21.00
95.00	12.50	25.40
95.00	14.20	28.30
95.00	16.00	31.20
95.00	17.50	33.50
101.60	3.60	8.70
101.60	4.00	9.60
101.60	4.50	10.80
101.60	5.00	11.90
101.60	5.60	13.30
101.60	6.30	14.80
101.60	7.10	16.60
101.60	8.00	18.50
101.60	8.80	20.10
101.60	10.00	22.60
101.60	11.00	24.60
101.60	12.50	27.50
101.60	14.20	30.60
101.60	16.00	33.80
101.60	17.50	36.30

OD	WALL	KG/M
101.60	20.00	40.30
101.60	22.20	43.50
101.60	25.00	47.20
101.60	28.00	50.80
101.60	30.00	53.00
101.60	32.00	54.90
108.00	3.60	9.30
108.00	4.00	10.30
108.00	4.50	11.50
108.00	5.00	12.70
108.00	5.60	14.10
108.00	6.30	15.80
108.00	7.10	17.70
108.00	8.00	19.70
108.00	8.80	21.50
108.00	10.00	24.20
108.00	11.00	26.30
108.00	12.50	29.40
108.00	14.20	32.90
108.00	17.50	39.10
108.00	20.00	43.40
108.00	22.20	47.00
108.00	25.00	51.20
108.00	28.00	55.20
108.00	30.00	57.70
108.00	32.00	60.00
114.30	4.00	10.90
114.30	4.50	12.20
114.30	5.00	13.50
114.30	5.60	15.00
114.30	6.30	16.80
114.30	7.10	18.80
114.30	8.00	21.00
114.30	8.80	22.90
114.30	10.00	25.70
114.30	11.00	28.00
114.30	12.50	31.40
114.30	14.20	35.10
114.30	16.00	38.80
114.30	17.50	41.80
114.30	20.00	46.50
114.30	22.20	50.40
114.30	28.00	59.60
114.30	30.00	62.40
114.30	32.00	65.00
114.30	36.00	69.50
121.00	5.00	14.30
121.00	6.30	17.80
121.00	7.10	19.90
121.00	8.00	22.30

OD	WALL	KG/M
121.00	8.80	24.40
121.00	10.00	27.40
121.00	11.00	29.80
121.00	12.50	33.50
121.00	14.20	37.40
121.00	16.00	41.40
121.00	17.50	44.70
121.00	20.00	49.80
121.00	22.20	54.10
121.00	25.00	59.20
121.00	28.00	64.20
121.00	30.00	67.30
121.00	32.00	70.20
127.00	4.50	13.60
127.00	5.00	115.00
127.00	5.60	16.80
127.00	6.30	18.80
127.00	7.10	21.00
127.00	8.00	23.50
127.00	8.80	25.70
127.00	10.00	28.90
127.00	11.00	31.50
127.00	12.50	35.30
127.00	14.20	39.50
127.00	16.00	43.80
127.00	17.50	47.30
127.00	20.00	52.90
127.00	22.20	57.40
127.00	25.00	62.90
127.00	28.00	68.400
127.00	30.00	71.80
127.00	32.00	75.00
127.00	36.00	80.80
127.00	40.00	85.80
133.00	5.00	15.80
133.00	5.60	17.60
133.00	6.30	19.70
133.00	7.10	22.00
133.00	8.00	24.70
133.00	8.80	27.00
133.00	10.00	30.30
133.00	11.00	33.100
133.00	12.50	37.20
133.00	14.20	41.60
133.00	16.00	46.20
133.00	17.50	49.90
133.00	20.00	55.70
133.00	22.20	60.70
133.00	25.00	66.60

OD	WALL	KG/M
133.00	28.00	72.50
133.00	30.00	76.20
133.00	32.00	79.70
133.00	35.00	84.60
133.00	40.00	91.70
139.70	4.50	15.00
139.70	5.00	16.60
139.70	5.60	18.50
139.70	6.30	20.70
139.70	4.50	15.00
139.70	5.00	16.60
139.70	5.60	18.50
139.70	6.30	20.70
139.70	7.10	23.20
139.70	8.00	26.00
139.70	8.80	28.40
139.70	10.00	32.00
139.70	12.50	39.20
139.70	14.20	44.00
139.70	16.00	48.80
139.70	17.50	52.70
139.70	20.00	59.00
139.70	22.20	64.30
139.70	25.00	70.70
139.70	28.00	77.10
139.70	30.00	81.20
139.70	32.00	85.00
139.70	35.00	90.40
139.70	40.00	98.40
139.70	45.00	105.10
146.00	5.00	17.40
146.00	5.60	19.40
146.00	6.30	21.70
146.00	7.10	24.30
146.00	10.00	33.50
146.00	12.50	41.20
146.00	14.20	46.20
146.00	16.00	51.30
146.00	17.50	55.50
146.00	20.00	62.20
146.00	22.20	67.80
146.00	25.00	74.60
146.00	28.00	81.50
146.00	30.00	85.80
146.00	36.00	97.70
152.40	6.30	22.70
152.40	7.10	25.40
152.40	8.00	28.50
152.40	8.80	31.20

OD	WALL	KG/M
152.40	10.00	35.10
152.40	11.00	38.40
152.40	12.50	43.10
152.40	14.20	48.40
152.40	16.00	53.80
152.40	17.50	58.20
152.40	20.00	65.30
152.40	22.20	71.30
152.40	25.00	78.60
152.40	28.00	85.90
152.40	30.00	90.60
152.40	32.00	95.00
152.40	35.00	101.30
152.40	40.00	110.90
152.40	45.00	119.20
159.00	5.00	19.00
159.00	5.60	21.20
159.00	7.10	26.60
159.00	8.00	29.80
159.00	8.80	32.60
159.00	10.00	36.80
159.00	11.00	40.20
159.00	12.50	45.20
159.00	14.20	50.70
159.00	16.00	56.40
159.00	17.50	61.10
159.00	20.00	68.60
159.00	22.20	74.90
159.00	25.00	82.60
159.00	28.00	90.50
159.00	30.00	95.40
159.00	32.00	100.20
159.00	36.00	109.00
159.00	40.00	117.40
159.00	45.00	126.50
159.00	50.00	134.40
165.10	5.00	19.70
165.10	7.10	27.70
165.10	10.00	38.30
165.10	12.50	47.00
165.10	14.20	52.80
165.10	16.00	58.80
165.10	17.50	63.70
165.10	20.00	71.60
165.10	22.20	78.20
165.10	25.00	86.40
165.10	28.00	94.70
165.10	30.00	100.00
165.10	32.00	105.00

OD	WALL	KG/M
165.10	36.00	114.60
165.10	40.00	123.40
165.10	45.00	133.30
168.30	5.00	20.10
168.30	5.60	22.50
168.30	6.30	25.20
168.30	7.10	28.20
168.30	8.00	31.60
168.30	8.80	34.60
168.30	10.00	39.00
168.30	11.00	42.70
168.30	12.50	48.00
168.30	14.20	54.00
168.30	16.00	60.10
168.30	17.50	65.10
168.30	20.00	73.20
168.30	22.20	80.00
168.30	25.00	88.40
168.30	28.00	96.90
168.30	30.00	102.30
168.30	32.00	107.60
168.30	35.00	115.10
168.30	40.00	126.60
168.30	45.00	136.80
168.30	50.00	145.90
171.00	6.30	25.60
171.00	10.00	39.70
171.00	14.20	54.90
171.00	16.00	61.20
171.00	17.50	66.30
171.00	20.00	74.50
171.00	22.20	81.50
171.00	25.00	90.00
171.00	30.00	104.30
171.00	36.00	119.90
171.00	40.00	129.20
171.00	45.00	139.80
177.80	5.60	23.80
177.80	7.10	29.90
177.80	8.00	33.50
177.80	8.80	36.70
177.80	10.00	41.40
177.80	11.00	45.30
177.80	12.50	51.00
177.80	14.20	57.30
177.80	16.00	63.80
177.80	17.50	69.20
177.80	20.00	77.80
177.80	22.20	85.20

OD	WALL	KG/M
177.80	25.00	94.20
177.80	28.00	103.40
177.80	30.00	109.40
177.80	32.00	115.10
177.80	35.00	123.30
177.80	40.00	135.90
177.80	45.00	147.40
177.80	50.00	157.60
177.80	55.00	166.60
191.00	10.00	44.60
191.00	12.50	55.00
191.00	14.20	61.90
191.00	16.00	69.10
191.00	17.50	74.90
191.00	20.00	84.30
191.00	22.00	92.40
191.00	25.00	102.40
191.00	30.00	119.10
191.00	36.00	137.60
191.00	40.00	149.00
191.00	45.00	162.00
193.70	5.60	26.00
193.70	6.30	29.10
193.70	7.10	32.70
193.70	8.00	36.60
193.70	8.80	40.10
193.70	10.00	45.30
193.70	11.00	49.60
193.70	12.50	55.90
193.70	14.20	62.90
193.70	16.00	70.10
193.70	17.50	76.00
193.70	20.00	85.70
193.70	22.20	93.90
193.70	25.00	104.00
193.70	28.00	114.40
193.70	30.00	121.10
193.70	32.00	127.60
193.70	35.00	137.00
193.70	40.00	151.60
193.70	45.00	165.00
193.70	50.00	117.20
193.70	55.00	188.10
203.00	6.30	30.60
203.00	8.00	38.50
203.00	10.00	47.60
203.00	12.50	58.70
203.00	14.20	66.10
203.00	16.00	73.80

OD	WALL	KG/M
203.00	17.50	80.10
203.00	20.00	90.30
203.00	22.20	99.00
203.00	25.00	109.70
203.00	28.00	120.80
203.00	30.00	128.00
203.00	22.00	135.00
203.00	35.00	145.00
203.00	40.00	160.80
203.00	45.00	175.30
203.00	50.00	188.70
203.00	55.00	200.70
216.00	8.00	41.00
216.00	10.00	50.80
216.00	12.50	62.70
216.00	14.20	70.70
216.00	16.00	78.90
216.00	17.50	85.70
216.00	20.00	96.70
216.00	22.20	106.10
216.00	25.00	117.80
216.00	28.00	129.80
216.00	30.00	137.60
216.00	32.00	145.20
216.00	36.00	159.80
216.00	40.00	173.60
216.00	45.00	189.80
216.00	50.00	204.70
219.10	6.30	33.10
219.10	7.10	37.10
219.10	8.00	41.70
219.10	8.80	45.60
219.10	10.00	51.60
219.10	11.00	56.50
219.10	12.50	63.70
219.10	14.20	71.80
219.10	16.00	80.10
219.10	17.50	87.00
219.10	20.00	98.20
219.10	22.20	107.80
219.10	25.00	119.70
219.10	28.00	132.00
219.10	30.00	139.90
219.10	32.00	147.70
219.10	35.00	158.90
219.10	40.00	176.70
219.10	45.00	193.20
219.10	50.00	208.50
219.10	55.00	222.60

OD	WALL	KG/M
219.10	60.00	235.40
229.00	10.00	54.00
229.00	12.50	66.70
229.00	14.20	75.20
229.00	16.00	84.10
229.00	17.50	91.30
229.00	20.00	103.10
229.00	22.20	113.20
229.00	25.00	125.80
229.00	28.00	138.80
229.00	30.00	147.20
229.00	32.00	155.50
229.00	35.00	167.50
229.00	40.00	186.40
229.00	45.00	204.20
229.00	48.00	214.30
229.00	50.00	220.70
229.00	60.00	250.10
241.00	7.10	41.00
241.00	11.00	62.40
241.00	17.50	96.50
241.00	22.20	119.80
241.00	25.00	133.20
241.00	28.00	147.10
241.00	30.00	156.10
241.00	36.00	182.00
241.00	40.00	198.30
241.00	45.00	217.50
241.00	50.00	235.50
241.00	55.00	252.30
244.50	6.30	37.00
244.50	7.10	41.60
244.50	8.00	46.70
244.50	10.00	57.80
244.50	11.00	63.30
244.50	12.50	71.50
244.50	16.00	90.20
244.50	17.50	102.10
244.50	20.00	110.70
244.50	22.20	121.70
244.50	25.00	135.30
244.50	28.00	149.50
244.50	30.00	158.70
244.50	32.00	167.70
244.50	35.00	180.80
244.50	40.00	201.70
244.50	45.00	221.40
244.50	50.00	239.80
244.50	55.00	257.00

OD	WALL	KG/M
244.50	60.00	273.00
244.50	70.00	301.20
254.00	6.30	38.50
254.00	10.00	60.20
254.00	12.50	74.50
254.00	14.20	84.00
254.00	16.00	93.90
254.00	17.50	102.10
254.00	20.00	115.40
254.00	22.20	126.90
254.00	25.00	141.20
254.00	28.00	156.10
254.00	30.00	165.70
254.00	32.00	175.20
254.00	35.00	189.00
254.00	40.00	211.10
254.00	45.00	231.90
254.00	50.00	251.60
254.00	55.00	269.90
254.00	60.00	287.10
267.00	7.10	45.50
267.00	8.00	51.10
267.00	8.80	56.00
267.00	10.00	63.40
267.00	12.50	78.50
267.00	14.20	88.50
267.00	16.00	99.00
267.00	17.50	107.70
267.00	20.00	121.80
267.00	22.20	134.00
267.00	25.00	149.20
267.00	28.00	165.00
267.00	30.00	175.30
267.00	32.00	185.50
267.00	35.00	200.20
267.00	40.00	223.90
267.00	45.00	246.40
267.00	50.00	267.60
267.00	55.00	287.60
267.00	60.00	306.30
267.00	65.00	323.80
267.00	70.00	340.10
267.00	75.00	355.10
267.00	80.00	368.90
273.00	7.10	46.60
273.00	8.00	52.30
273.00	8.80	57.30
273.00	10.00	64.90
273.00	11.00	71.10

OD	WALL	KG/M
273.00	12.50	80.30
273.00	14.20	90.60
273.00	16.00	101.40
273.00	17.50	110.30
273.00	20.00	124.80
273.00	22.20	137.30
273.00	25.00	152.90
273.00	28.00	169.20
273.00	30.00	179.80
273.00	32.00	190.20
273.00	35.00	205.40
273.00	40.00	229.90
273.00	45.00	253.00
273.00	50.00	275.00
273.00	60.00	315.20
273.00	75.00	366.20
273.00	80.00	380.80
279.00	7.10	47.60
279.00	8.00	53.50
279.00	10.00	66.30
279.00	12.50	82.20
279.00	14.20	92.70
279.00	16.00	103.80
279.00	17.50	112.90
279.00	20.00	127.80
279.00	22.20	140.60
279.00	25.00	156.60
279.00	30.00	184.20
279.00	32.00	194.90
279.00	35.00	210.60
279.00	40.00	235.80
279.00	45.00	259.70
279.00	50.00	282.40
292.00	17.50	118.50
292.00	20.00	134.20
292.00	25.00	164.60
292.00	28.00	182.30
292.00	30.00	193.80
292.00	32.00	205.20
292.00	36.00	227.30
292.00	40.00	248.60
292.00	45.00	274.10
292.00	50.00	298.40
292.00	55.00	321.50
298.50	7.10	51.00
298.50	8.00	57.30
298.50	8.80	62.90
298.50	10.00	71.20
298.50	12.50	88.20

OD	WALL	KG/M
298.50	14.20	99.60
298.50	16.00	111.50
298.50	17.50	121.30
298.50	20.00	137.40
298.50	22.20	151.30
298.50	25.00	168.60
298.50	28.00	186.80
298.50	30.00	198.70
298.50	32.00	210.30
298.50	35.00	227.40
298.50	40.00	255.00
298.50	45.00	281.30
298.50	50.00	306.40
298.50	55.00	330.30
298.50	60.00	352.90
298.50	75.00	413.40
298.50	90.00	462.80
305.00	8.00	58.60
305.00	10.00	72.80
305.00	12.50	90.20
305.00	16.00	114.00
305.00	17.50	124.10
305.00	20.00	140.60
305.00	25.00	172.60
305.00	30.00	203.50
305.00	32.00	215.40
305.00	35.00	233.10
305.00	40.00	261.40
305.00	45.00	288.50
305.00	50.00	314.40
305.00	65.00	384.70
305.00	80.00	443.90
318.00	10.00	76.00
318.00	12.50	94.20
318.00	17.50	129.70
318.00	20.00	147.00
318.00	22.00	162.00
318.00	25.00	180.70
318.00	28.00	200.30
318.00	30.00	213.10
318.00	32.00	225.70
318.00	36.00	250.40
318.00	40.00	274.20
318.00	45.00	303.00
318.00	50.00	330.50
318.00	55.00	356.70
318.00	60.00	381.80
318.00	65.00	405.60
318.00	80.00	469.60



OD	WALL	KG/M
323.90	8.00	62.30
323.90	8.80	68.40
323.90	10.00	77.40
323.90	11.00	84.90
323.90	12.50	96.00
323.90	14.20	108.50
323.90	16.00	121.50
323.90	17.50	132.20
323.90	20.00	149.90
323.90	22.20	165.20
323.90	25.00	184.30
323.90	28.00	204.30
323.90	30.00	217.40
323.90	32.00	230.40
323.90	35.00	249.40
323.90	40.00	280.10
323.90	45.00	309.50
323.90	50.00	337.70
323.90	55.00	364.70
323.90	60.00	390.50
323.90	65.00	415.00
323.90	70.00	438.30
323.90	75.00	460.40
323.90	80.00	481.20
323.90	90.00	519.10
330.00	14.20	110.60
330.00	16.00	123.90
330.00	17.50	134.90
330.00	20.00	152.90
330.00	22.20	168.50
330.00	25.00	188.00
330.00	30.00	222.00
330.00	32.00	235.20
330.00	36.00	261.00
330.00	40.00	286.10
330.00	45.00	316.30
330.00	50.00	345.30
343.00	12.50	101.90
343.00	16.00	129.00
343.00	17.50	140.50
343.00	20.00	159.30
343.00	22.20	175.60
343.00	25.00	196.10
343.00	28.00	217.50
343.00	30.00	231.60
343.00	35.00	265.90
343.00	40.00	298.90
343.00	45.00	330.70
343.00	50.00	361.30

OD	WALL	KG/M
343.00	55.00	390.60
343.00	60.00	418.80
343.00	70.00	471.30
343.00	90.00	561.50
343.00	100.00	599.30
355.60	8.00	68.60
355.60	10.00	85.20
355.60	12.50	105.80
355.60	14.20	119.60
355.60	16.00	134.00
355.60	17.50	145.90
355.60	20.00	165.50
355.60	22.20	182.50
355.60	25.00	203.80
355.60	28.00	226.20
355.60	30.00	240.90
355.60	32.00	255.40
355.60	35.00	276.70
355.60	40.00	311.30
355.60	45.00	344.70
355.60	50.00	376.80
355.60	55.00	407.70
355.60	60.00	437.40
355.60	70.00	493.00
355.60	80.00	543.70
355.60	100.00	630.40
368.00	10.00	88.30
368.00	12.50	109.60
368.00	14.20	123.90
368.00	16.00	138.90
368.00	20.00	171.60
368.00	22.20	189.30
368.00	25.00	211.50
368.00	30.00	250.10
368.00	32.00	265.20
368.00	36.00	295.00
368.00	40.00	323.60
368.00	45.00	358.50
368.00	50.00	392.10
*368.00	55.00	424.60
368.00	60.00	455.70
368.00	70.00	514.40
368.00	80.00	568.20
368.00	100.00	660.90
381.00	25.00	219.50
381.00	40.00	336.40
394.00	12.50	117.60
394.00	14.20	133.00
394.00	16.00	149.20

\*20MnV6

OD	WALL	KG/M
394.00	17.50	162.50
394.00	20.00	184.50
394.00	22.20	203.60
394.00	25.00	227.50
394.00	28.00	252.70
394.00	30.00	269.30
394.00	32.20	285.70
394.00	35.00	309.90
394.00	40.00	349.20
394.00	45.00	387.30
394.00	50.00	424.20
394.00	55.00	459.80
394.00	60.00	494.20
394.00	65.00	527.40
394.00	70.00	559.30
394.00	80.00	619.50
394.00	100.00	725.10
406.40	10.00	97.80
406.40	12.50	121.40
406.40	16.00	154.10
406.40	17.50	167.80
406.40	20.00	190.60
406.40	22.20	210.30
406.40	25.00	235.20
406.40	28.00	261.30
406.40	30.00	278.50
406.40	32.00	295.50
406.40	35.00	320.60
406.40	40.00	361.40
406.40	45.00	401.10
406.40	50.00	439.50
406.40	55.00	476.60
406.40	60.00	512.60
406.40	70.00	580.70
406.40	80.00	644.00
406.40	100.00	755.60
419.00	10.00	100.90
419.00	11.00	110.70
419.00	12.50	125.30
419.00	14.20	141.80
419.00	16.00	159.00
419.00	17.50	176.30
419.00	20.00	196.80
419.00	22.20	217.20
419.00	25.00	242.90
419.00	28.00	270.00
419.00	30.00	287.80
419.00	32.00	305.40
419.00	35.00	331.50

OD	WALL	KG/M
419.00	40.00	373.90
419.00	45.00	415.10
419.00	50.00	455.00
419.00	55.00	493.70
419.00	60.00	531.20
419.00	70.00	602.50
419.00	75.00	636.30
419.00	80.00	668.80
419.00	100.00	786.70
432.00	50.00	471.00
445.00	12.50	133.00
445.00	20.00	209.60
445.00	25.00	259.00
445.00	30.00	307.00
445.00	32.00	325.90
445.00	36.00	363.10
445.00	40.00	399.50
445.00	50.00	487.10
445.00	55.00	529.00
445.00	60.00	569.70
445.00	65.00	609.10
445.00	70.00	647.40
445.00	80.00	720.10
445.00	90.00	787.90
445.00	100.00	850.80
457.00	10.00	110.20
457.00	12.50	137.00
457.00	16.00	174.00
457.00	17.50	189.70
457.00	20.00	215.50
457.00	22.20	238.10
457.00	25.00	266.30
457.00	28.00	296.20
457.00	30.00	315.90
457.00	35.00	364.30
457.00	40.00	411.40
457.00	45.00	457.20
457.00	50.00	501.90
457.00	55.00	545.30
457.00	60.00	587.40
457.00	65.00	628.00
457.00	70.00	668.10
457.00	75.00	706.60
457.00	80.00	743.80
457.00	100.00	880.40
470.00	12.50	141.00
470.00	16.00	179.10
470.00	20.00	222.00
470.00	22.20	245.20

OD	WALL	KG/M
470.00	25.00	274.40
470.00	30.00	325.50
470.00	36.00	385.30
470.00	40.00	424.20
470.00	50.00	517.90
470.00	55.00	562.90
470.00	60.00	606.70
470.00	65.00	649.20
470.00	70.00	690.50
470.00	75.00	730.60
470.00	100.00	912.50
495.00	12.50	148.70
495.00	16.00	189.00
495.00	20.00	234.30
495.00	25.00	289.80
495.00	36.00	407.50
495.00	40.00	448.80
495.00	50.00	548.70
495.00	55.00	596.80
495.00	60.00	643.70
495.00	70.00	733.70
495.00	75.00	776.80
495.00	100.00	974.10
508.00	12.50	152.80
508.00	14.20	172.90
508.00	16.00	194.10
508.00	17.50	211.70
508.00	20.00	240.70
508.00	22.20	266.00
508.00	25.00	297.80
508.00	28.00	331.50
508.00	30.00	353.70
508.00	32.00	375.60
508.00	36.00	419.00
508.00	40.00	461.70
508.00	45.00	513.80
508.00	50.00	564.80
508.00	55.00	614.40
508.00	60.00	662.90
508.00	65.00	710.10
508.00	70.00	756.10
508.00	75.00	800.90
508.00	80.00	844.40
508.00	85.00	886.70
508.00	90.00	927.80
508.00	100.00	1006.20
508.00	110.00	1079.70
521.00	14.20	177.50
521.00	16.00	199.30

OD	WALL	KG/M
521.00	20.00	247.10
521.00	22.20	273.10
521.00	25.00	305.80
521.00	30.00	363.30
521.00	36.00	430.60
521.00	40.00	474.50
521.00	45.00	528.30
521.00	50.00	580.80
521.00	60.00	682.10
521.00	70.00	778.60
521.00	100.00	1038.30
546.00	14.20	186.20
546.00	20.00	259.40
546.00	25.00	321.20
546.00	30.00	381.80
546.00	32.00	405.60
546.00	36.00	452.80
546.00	40.00	499.20
546.00	50.00	611.60
546.00	55.00	666.00
546.00	60.00	719.10
546.00	65.00	771.00
546.00	70.00	821.70
559.00	20.00	265.90
559.00	22.20	293.60
559.00	55.00	329.20
559.00	30.00	391.40
559.00	35.00	464.30
559.00	40.00	512.00
559.00	45.00	570.40
559.00	50.00	627.60
559.00	60.00	738.40
559.00	70.00	844.20
559.00	80.00	945.00
559.00	85.00	993.60
559.00	100.00	1132.00
572.00	14.20	195.30
572.00	20.00	272.30
572.00	25.00	337.30
572.00	30.00	401.00
572.00	40.00	524.80
572.00	45.00	643.70
*572.00	50.00	643.70
572.00	60.00	757.60
572.00	70.00	866.60
572.00	75.00	919.30
572.00	85.00	1020.90
572.00	90.00	1069.80
572.00	100.00	1164.00

\*20MnV6/E355

OD	WALL	KG/M
610.00	14.20	208.70
610.00	16.00	234.40
610.00	17.50	255.70
610.00	20.00	291.00
610.00	25.00	360.70
610.00	30.00	429.10
610.00	32.00	456.10
610.00	36.00	509.60
610.00	40.00	562.30
610.00	45.00	627.00
610.00	50.00	690.50
610.00	60.00	813.80
610.00	70.00	932.20
610.00	75.00	989.50
610.00	80.00	1045.70
610.00	90.00	1154.20
610.00	100.00	1257.70
622.00	14.20	212.90
622.00	20.00	296.90
622.00	22.00	328.40
622.00	25.00	368.10

OD	WALL	KG/M
622.00	30.00	438.00
622.00	36.00	520.30
622.00	40.00	574.10
622.00	45.00	640.30
622.00	50.00	705.30
622.00	60.00	831.60
622.00	70.00	952.90
622.00	85.00	1125.70
660.00	20.00	315.50
660.00	25.00	391.50
660.00	30.00	466.10
660.00	36.00	554.00
660.00	40.00	611.60
660.00	45.00	682.50
660.00	50.00	752.20
660.00	55.00	820.60
660.00	60.00	887.80
660.00	70.00	1018.50
660.00	80.00	1144.30
660.00	100.00	1381.00

**S355J2H/E355 + AR**

CHARACTERISTICS	HOT ROLLED STEEL TUBE	
Outer diameter	+/- 1% with at least +/-0.5 mm and max +/- 10 mm	1) The positive deviation is limited by the weight tolerance.
Wall	+/- 10% 1 2)	2) Deviations larger than, but not exceeding 12.5% of the nominal wall thickness may occur in smooth transition areas over not more than 25% of the perimeter.
Straightness	0.2% of whole length	
Weight	- 6% and + 8% on individual lengths	

**CHEMICAL COMPOSITION**

C%	Si%	Mn%	P%	S%	Al% TOT	N%
≤0.22	≤0.55	≤1.60	≤0.035	≤0.035	≤0.020	≤0.012

YIELD STRENGTH MPa					TENSILE STRENGTH MPa		EXTENSION A <sub>5</sub> MIN %				IMPACT STRENGTH	
WALL IN MM					WALL IN MM		ALONG WALL IN MM		ACROSS WALL IN MM		TEST TEMP.	MIN AVERAGE VALUE *
<16	>16	>40	>65	>80	<3	≥3	≤40	>40	<40	>40		
	≤40	≤65	≤80			≤65		≤65		≤65		
355	345	335	315	295	510-680	490-630	22	22	20	20	-20	27

\*Impact strength tested at -20° C to minimum 27 J for wall thickness from and including 6 mm. Wall thickness ≤ 10 mm reduced value.