

# Heavy wall tubes

According to EN 10210-1 + 2 and EN 10297-1

Seamless hot rolled steel tubes, double certified, in grade S355J2H in accordance with EN 10210-1 and grade E355+AR in accordance with EN 10297-1, tolerances according to EN 10210-2. The closest approximation is SS2172-03. The tubes are impact tested at -20 degrees, stamped with heat number and delivered in random lengths or fixed cut lengths. Certificate in accordance with EN10204/3.1 can be supplied on request.

Dimension OD x Wall	ID	Weight kg/m
25.00 x 3.20	18.60	1.70
25.00 x 6.30	12.40	2.90
26.90 x 2.60	21.70	1.60
26.90 x 7.10	12.70	3.50
30.00 x 3.20	23.60	2.10
33.70 x 3.20	27.30	2.40
33.70 x 3.60	26.50	2.70
33.70 x 4.00	25.70	2.90
33.70 x 4.50	24.70	3.20
33.70 x 5.00	23.70	3.50
33.70 x 5.60	22.50	3.90
33.70 x 6.30	21.10	4.20
33.70 x 8.00	17.70	5.10
38.00 x 3.20	31.60	2.80
38.00 x 3.60	30.80	3.10
38.00 x 4.00	30.00	3.40
38.00 x 5.00	28.00	4.10
38.00 x 5.60	26.80	4.50
38.00 x 6.30	25.40	4.90
38.00 x 7.10	23.80	5.40
38.00 x 8.00	22.00	5.90
38.00 x 8.80	20.40	6.30
38.00 x 10.00	18.00	6.90
42.40 x 3.20	36.00	3.10
42.40 x 3.60	35.20	3.40
42.40 x 4.00	34.40	3.80
42.40 x 5.00	32.40	4.60
42.40 x 5.60	31.20	5.10
42.40 x 6.30	29.80	5.60
42.40 x 7.10	28.20	6.20
42.40 x 8.00	26.40	6.80
44.50 x 2.90	38.70	3.00
44.50 x 3.20	38.10	3.30
44.50 x 3.60	37.30	3.60
44.50 x 4.00	36.50	4.00
44.50 x 5.00	34.50	4.90
44.50 x 5.60	33.30	5.40
44.50 x 7.10	30.30	6.60

Dimension OD x Wall	ID	Weight kg/m
44.50 x 8.00	28.50	7.20
44.50 x 10.00	24.50	8.50
48.30 x 2.90	42.50	3.30
48.30 x 3.20	41.90	3.60
48.30 x 3.60	41.10	4.00
48.30 x 4.00	40.30	4.40
48.30 x 5.00	38.30	5.30
48.30 x 5.60	37.10	5.90
48.30 x 6.30	35.70	6.50
48.30 x 7.10	34.10	7.20
48.30 x 8.00	32.30	8.00
48.30 x 12.50	23.30	11.00
51.00 x 3.20	44.60	3.80
51.00 x 3.60	43.80	4.20
51.00 x 4.00	43.80	4.60
51.00 x 5.00	41.00	5.70
51.00 x 5.60	39.80	6.30
51.00 x 6.30	38.40	6.90
51.00x 7.10	36.80	7.70
51.00 x 8.00	35.00	8.50
51.00 x 8.80	33.40	9.20
51.00 x 10.00	31.00	10.10
51.00 x 11.00	29.00	10.90
51.00 x 12.50	26.00	11.90
51.00 x 14.20	22.60	12.90
54.00 x 8.00	38.00	9.10
54.00 x 10.00	34.00	10.90
54.00 x 12.50	29.00	12.80
54.00 x 14.20	25.60	13.90
57.00 x 3.20	50.60	4.30
57.0 x 4.000	49.00	5.20
57.0 0x 5.00	47.00	6.40
57.00 x 6.30	44.40	7.90
57.00 x 7.10	42.80	8.70
57.00 x 8.00	41.00	9.70
57.00 x 8.80	39.40	10.50
57.00 x 12.50	32.00	13.70
57.00 x 14.20	28.60	15.00

Dimension OD x Wall	ID	Weight kg/m
57.00 x 16.00	25.00	16.20
60.30 x 3.20	53.90	4.50
60.30 x 3.60	53.10	5.00
60.30 x 4.00	52.30	5.60
60.30 x 4.50	51.30	6.20
60.30 x 5.00	50.30	6.80
60.30 x 5.60	49.10	7.60
60.30 x 6.30	47.70	8.40
60.30 x 7.10	46.10	9.30
60.30 x 8.00	44.30	10.30
60.30 x 8.80	42.70	11.20
60.30 x 10.00	40.30	12.40
60.30 x 11.00	38.10	13.40
60.30 x 12.50	35.30	14.70
60.30 x 14.20	31.90	16.10
60.30 x 16.00	28.30	17.50
60.30 x 17.50	25.30	18.50
63.50 x 4.00	55.50	5.90
63.50 x 5.00	53.50	7.20
63.50 x 6.30	50.90	8.90
63.50 x 7.10	49.30	9.90
63.50 x 8.00	47.50	11.00
63.50 x 8.80	45.90	11.90
63.50 x 10.00	43.50	13.20
63.50 x 11.00	41.50	14.20
63.50 x 12.50	38.50	15.70
63.50 x 14.20	35.10	17.30
63.50 x 16.00	31.50	18.70
63.50 x 17.50	28.50	19.90
70.00 x 3.20	63.60	5.30
70.00 x 4.00	62.00	6.50
70.00 x 5.00	60.00	8.00
70.00 x 6.30	57.40	9.90
70.00 x 7.10	55.80	11.00
70.00 x 8.00	54.00	12.20
70.00 x 8.80	52.40	13.30
70.00 x 10.00	50.00	14.80
70.00 x 11.00	48.00	16.00
70.00 x 12.50	45.00	17.70
70.00 x 14.20	41.60	19.50
70.00 x 16.00	38.00	21.30
70.00 x 20.00	30.00	24.70
76.10 x 3.20	69.70	5.80
76.10 x 3.60	68.90	6.40
76.10 x 4.00	68.10	7.10
76.10 x 4.50	67.10	8.00
76.10 x 5.00	66.10	8.80
76.10 x 5.60	64.90	9.70

Dimension OD x Wall	ID	Weight kg/m
76.10 x 6.30	63.50	10.80
76.10 x 7.10	61.90	12.10
76.10 x 8.00	60.10	13.40
76.10 x 8.80	58.50	14.60
76.10 x 10.00	56.10	16.30
76.10 x 11.00	54.10	17.70
76.10 x 12.50	51.10	19.60
76.10 x 14.20	47.70	21.70
76.10 x 16.00	44.10	23.70
76.10 x 17.50	41.10	25.30
76.10 x 20.00	36.10	27.70
82.50 x 4.00	74.50	7.70
82.50 x 5.00	72.50	9.60
82.50 x 5.60	71.30	10.60
82.50 x 6.30	69.90	11.80
82.50 x 7.10	68.30	13.20
82.50 x 8.00	66.50	14.70
82.50 x 8.80	64.90	16.00
82.50 x 10.00	62.50	17.90
82.50 x 11.00	60.50	19.40
82.50 x 12.50	57.50	21.60
82.50 x 14.20	54.10	23.90
82.50 x 16.00	50.50	26.20
82.50 x 17.50	47.50	28.10
82.50 x 20.00	42.50	30.80
82.50 x 22.20	38.10	33.00
82.50 x 25.00	32.50	35.50
88.90 x 3.60	81.70	7.60
88.90 x 4.00	80.90	8.40
88.90 x 4.50	79.90	9.40
88.90 x 5.00	78.90	10.40
88.90 x 5.60	77.70	11.50
88.90 x 6.30	76.30	12.80
88.90 x 8.00	72.90	16.00
88.90 x 8.80	71.30	17.40
88.90 x 10.00	68.90	19.50
88.90 x 11.00	66.70	21.10
88.90 x 12.50	63.90	23.60
88.90 x 14.20	60.50	26.20
88.90 x 16.00	56.90	28.80
88.90 x 17.50	53.90	30.80
88.90 x 20.00	48.90	34.00
88.90 x 22.20	44.50	36.50
88.90 x 25.00	38.90	39.40
95.00 x 5.00	85.00	11.10
95.00 x 6.30	82.40	13.80
95.00 x 7.10	80.80	15.40

Dimension OD x Wall	ID	Weight kg/m
95.00 x 8.00	79.00	17.20
95.00 x 8.80	77.40	18.70
95.00 x 10.00	75.00	21.00
95.00 x 12.50	70.00	25.40
95.00 x 14.20	66.60	28.30
95.00 x 16.00	63.00	31.20
95.00 x 17.50	60.00	33.50
101.60 x 3.60	94.40	8.70
101.60 x 4.00	93.60	9.60
101.60 x 4.50	92.60	10.80
101.60 x 5.00	91.60	11.90
101.60 x 5.60	90.40	13.30
101.60 x 6.30	89.00	14.80
101.60 x 7.10	87.40	16.60
101.60 x 8.00	85.60	18.50
101.60 x 8.80	84.00	20.10
101.60 x 10.00	81.60	22.60
101.60 x 11.00	79.60	24.60
101.60 x 12.50	76.60	27.50
101.60 x 14.20	73.20	30.60
101.60 x 16.00	69.60	33.80
101.60 x 17.50	66.60	36.30
101.60 x 20.00	61.60	40.30
101.60 x 22.20	57.20	43.50
101.60 x 25.00	51.60	47.20
101.60 x 28.00	45.60	50.80
101.60 x 30.00	41.60	53.00
101.60 x 32.00	37.60	54.90
108.00 x 3.60	100.80	9.30
108.00 x 4.00	100.00	10.30
108.00 x 4.50	99.00	11.50
108.00 x 5.00	98.00	12.70
108.00 x 5.60	96.80	14.10
108.00 x 6.30	95.40	15.80
108.00 x 7.10	93.80	17.70
108.00 x 8.00	92.00	19.70
108.00 x 8.80	90.40	21.50
108.00 x 10.00	88.00	24.20
108.00 x 11.00	86.00	26.30
108.00 x 12.50	83.00	29.40
108.00 x 14.20	79.60	32.90
108.00 x 17.50	73.00	39.10
108.00 x 20.00	68.00	43.40
108.00 x 22.20	63.60	47.00
108.00 x 25.00	58.00	51.20
108.00 x 28.00	52.00	55.20
108.00 x 30.00	48.00	57.70
108.00 x 32.00	44.00	60.00
114.30 x 4.00	106.30	10.90

Dimension OD x Wall	ID	Weight kg/m
114.30 x 4.50	105.30	12.20
114.30 x 5.00	104.30	13.50
114.30 x 5.60	103.10	15.00
114.30 x 6.30	101.70	16.80
114.30 x 7.10	100.10	18.80
114.30 x 8.00	98.30	21.00
114.30 x 8.80	96.70	22.90
114.30 x 10.00	94.30	25.70
114.30 x 11.00	92.10	28.00
114.30 x 12.50	89.30	31.40
114.30 x 14.20	85.90	35.10
114.30 x 16.00	82.30	38.80
114.30 x 17.50	79.30	41.80
114.30 x 20.00	74.30	46.50
114.30 x 22.20	69.90	50.40
114.30 x 28.00	58.30	59.60
114.30 x 30.00	54.30	62.40
114.30 x 32.00	50.30	65.00
114.30 x 36.00	42.30	69.50
121.00 x 5.00	111.00	14.30
121.00 x 6.30	108.40	17.80
121.00 x 7.10	106.80	19.90
121.00 x 8.00	105.00	22.30
121.00 x 8.80	103.40	24.40
121.00 x 10.00	101.00	27.40
121.00 x 11.00	99.00	29.80
121.00 x 12.50	96.00	33.50
121.00 x 14.20	92.60	37.40
121.00 x 16.00	89.00	41.40
121.00 x 17.50	86.00	44.70
121.00 x 20.00	81.00	49.80
121.00 x 22.20	76.60	54.10
121.00 x 25.00	71.00	59.20
121.00 x 28.00	65.00	64.20
121.00 x 30.00	61.00	67.30
121.00 x 32.00	57.00	70.20
127.00 x 4.50	118.00	13.60
127.00 x 5.00	117.00	15.00
127.00 x 5.60	115.80	16.80
127.00 x 6.30	114.40	18.80
127.00 x 7.10	112.80	21.00
127.00 x 8.00	111.00	23.50
127.00 x 8.80	109.40	25.70
127.00 x 10.00	107.00	28.90
127.00 x 11.00	105.00	31.50
127.00 x 12.50	102.00	35.30
127.00 x 14.20	98.60	39.50
127.00 x 16.00	95.00	43.80
127.00 x 17.50	92.00	47.30

Dimension OD x Wall	ID	Weight kg/m
127.00 x 20.00	87.00	52.90
127.00 x 22.20	82.60	57.40
127.00 x 25.00	77.00	62.90
127.00 x 28.00	71.00	68.400
127.00 x 30.00	67.00	71.8
127.00 x 32.00	63.00	75.00
127.00 x 36.00	55.00	80.80
127.00 x 40.00	47.00	85.80
133.00 x 5.00	123.00	15.80
133.00 x 5.60	121.80	17.60
133.00 x 6.30	120.40	19.70
133.00 x 7.10	118.80	22.00
133.00 x 8.00	118.80	24.70
133.00 x 8.80	115.40	27.00
133.00 x 10.00	113.00	30.30
133.00 x 11.00	111.00	33.100
133.00 x 12.50	108.00	37.20
133.00 x 14.20	104.60	41.60
133.00 x 16.00	101.00	46.20
133.00 x 17.50	98.00	49.90
133.00 x 20.00	93.00	55.70
133.00 x 22.20	88.60	60.70
133.00 x 25.00	83.00	66.60
133.00 x 28.00	77.00	72.50
133.00 x 30.00	73.00	76.20
133.00 x 32.00	69.00	79.70
133.00 x 35.00	63.00	84.60
133.00 x 40.00	53.00	91.70
139.70 x 4.50	130.70	15.00
139.70 x 5.00	129.70	16.60
139.70 x 5.60	128.50	18.50
139.70 x 6.30	127.10	20.70
139.70 x 7.10	125.50	23.20
139.00 x 8.00	123.70	26.00
139.70 x 8.80	122.10	28.40
139.70 x 10.00	119.70	32.00
139.70 x 12.50	114.70	39.20
139.70 x 14.20	111.30	44.00
139.70 x 16.00	107.70	48.80
139.70 x 17.50	104.70	52.70
139.70 x 20.00	99.70	59.00
139.70 x 22.20	95.30	64.30
139.70 x 25.00	89.70	70.70
139.70 x 28.00	83.70	77.10
139.70 x 30.00	79.70	81.20
139.07 x 32.00	75.70	85.00
139.70 x 35.00	69.70	90.40
139.70 x 40.00	59.70	98.40

Dimension OD x Wall	ID	Weight kg/m
139.70 x 45.00	49.70	105.10
146.00 x 5.00	136.00	17.40
146.00 x 5.60	134.80	19.40
146.00 x 6.30	133.40	21.70
146.00 x 7.10	131.80	24.30
146.00 x 10.00	126.00	33.50
146.00 x 12.50	121.00	41.20
146.00 x 14.20	117.60	46.20
146.00 x 16.00	114.00	51.30
146.00 x 17.50	111.00	55.50
146.00 x 20.00	106.00	62.20
146.00 x 22.20	101.60	67.80
146.00 x 25.00	96.00	74.60
146.00 x 28.00	90.00	81.50
146.00 x 30.00	86.00	85.80
146.00 x 36.00	74.00	97.70
152.40 x 6.30	139.80	22.70
152.40 x 7.10	138.20	25.40
152.40 x 8.00	136.40	28.50
152.40 x 8.80	134.80	31.20
152.40 x 10.00	132.40	35.10
152.40 x 11.00	130.40	38.40
152.40 x 12.50	127.40	43.10
152.40 x 14.20	124.00	48.40
152.40 x 16.00	120.40	53.80
152.40 x 17.50	117.40	58.20
152.40 x 20.00	112.40	65.30
152.40 x 22.20	108.00	71.30
152.40 x 25.00	102.40	78.60
152.40 x 28.00	96.40	85.90
152.40 x 30.00	92.40	90.60
152.40 x 32.00	88.40	95.00
152.40 x 35.00	82.40	101.30
152.40 x 40.00	72.40	110.90
152.40 x 45.00	62.40	119.20
159.00 x 5.00	149.00	19.00
159.00 x 5.60	147.80	21.20
159.00 x 7.10	144.80	26.60
159.00 x 8.00	143.00	29.80
159.00 x 8.80	141.40	32.60
159.00 x 10.00	139.00	36.80
159.00 x 11.00	137.00	40.20
159.00 x 12.50	134.00	45.20
159.00 x 14.20	130.60	50.70
159.00 x 16.00	127.00	56.40
159.00 x 17.50	124.00	61.10
159.00 x 20.00	119.00	68.60
159.00 x 22.20	114.60	74.90

Dimension OD x Wall	ID	Weight kg/m
159.00 x 25.00	109.00	82.60
159.00 x 28.00	103.00	90.50
159.00 x 30.00	99.00	95.40
159.00 x 32.00	95.00	100.20
159.00 x 36.00	87.00	109.00
159.00 x 40.00	79.00	117.40
159.00 x 45.00	69.00	126.50
159.00 x 50.00	59.00	134.40
165.10 x 5.00	155.10	19.70
165.10 x 7.10	150.90	27.70
165.10 x 10.00	145.10	38.30
165.10 x 12.50	140.10	47.00
165.10 x 14.20	136.70	52.80
165.10 x 16.00	133.10	58.80
165.10 x 17.50	130.10	63.70
165.10 x 20.00	125.10	71.60
165.10 x 22.20	120.70	78.20
165.10 x 25.00	115.10	86.40
165.10 x 28.00	109.10	94.70
165.10 x 30.00	105.10	100.00
165.10 x 32.00	101.10	105.00
165.10 x 36.00	93.10	114.60
165.10 x 40.00	85.10	123.40
165.10 x 45.00	75.10	133.30
168.30 x 5.00	158.30	20.10
168.30 x 5.60	157.10	22.50
168.30 x 6.30	155.70	25.20
168.30 x 7.10	154.10	28.20
168.30 x 8.00	152.30	31.60
168.30 x 8.80	150.70	34.60
168.30 x 10.00	148.30	39.00
168.30 x 11.00	146.30	42.70
168.30 x 12.50	143.30	48.00
168.30 x 14.20	139.90	54.00
168.30 x 16.00	136.30	60.10
168.03 x 17.50	133.30	65.10
168.3 x 20.00	128.30	73.20
168.30 x 22.20	123.90	80.00
168.30 x 25.00	118.30	88.40
168.30 x 28.00	112.30	96.90
168.30 x 30.00	108.30	102.30
168.30 x 32.00	104.30	107.60
168.30 x 35.00	98.30	115.10
168.30 x 40.00	88.30	126.60
168.30 x 45.00	78.30	136.80
168.30 x 50.00	68.30	145.90
171.00 x 6.30	158.40	25.60
171.10 x 10.00	151.00	39.70

Dimension OD x Wall	ID	Weight kg/m
171.00 x 14.20	142.60	54.90
171.00 x 16.00	139.00	61.20
171.00 x 17.50	136.00	66.30
171.00 x 20.00	131.00	74.50
171.00 x 22.20	126.60	81.50
171.00 x 25.00	121.00	90.00
171.00 x 30.00	111.00	104.30
171.00 x 36.00	99.00	119.90
171.00 x 40.00	91.00	129.20
171.00 x 45.00	81.00	139.80
177.80 x 5.60	166.60	23.80
177.80 x 7.10	163.60	29.90
177.80 x 8.00	161.80	33.50
177.80 x 8.80	160.20	36.70
177.80 x 10.00	157.80	41.40
177.80 x 11.00	155.80	45.30
177.80 x 12.50	152.80	51.00
177.80 x 14.20	149.40	57.30
177.80 x 16.00	145.80	63.80
177.80 x 17.50	142.80	69.20
177.80 x 20.00	137.80	77.80
177.80 x 22.20	133.40	85.20
177.80 x 25.00	127.80	94.20
177.80 x 28.00	121.80	103.40
177.80 x 30.00	117.80	109.40
177.80 x 32.00	113.80	115.10
177.80 x 35.00	107.80	123.30
177.80 x 40.00	97.80	135.90
177.80 x 45.00	87.80	147.40
177.80 x 50.00	77.80	157.60
177.80 x 55.00	67.80	166.60
191.00 x 10.00	171.00	44.60
191.00 x 12.50	166.00	55.00
191.00 x 14.20	162.60	61.90
191.00 x 16.00	159.00	69.10
191.00 x 17.50	156.00	74.90
191.00 x 20.00	151.00	84.30
191.00 x 22.00	146.60	92.40
191.00 x 25.00	141.00	102.40
191.00 x 30.00	131.00	119.10
191.00 x 36.00	119.00	137.60
191.00 x 40.00	111.00	149.00
191.00 x 45.00	101.00	162.00
193.70 x 5.60	182.50	26.00
193.70 x 6.30	181.10	29.10
193.70 x 7.10	179.50	32.70
193.70 x 8.00	177.70	36.60
193.70 x 8.80	176.10	40.10

Dimension OD x Wall	ID	Weight kg/m
193.70 x 10.00	173.70	45.30
193.70 x 11.00	171.70	49.60
193.70 x 12.50	168.70	55.90
193.70 x 14.20	165.30	62.90
193.70 x 16.00	161.70	70.10
193.70 x 17.50	158.70	76.00
193.70 x 20.00	153.70	85.70
193.70 x 22.20	149.30	93.90
193.70 x 25.00	143.70	104.00
193.70 x 28.00	137.70	114.40
193.70 x 30.00	133.70	121.10
193.70 x 32.00	129.70	127.60
193.70 x 35.00	123.70	137.00
193.70 x 40.00	113.70	151.60
193.70 x 45.00	103.70	165.00
193.70 x 50.00	93.70	117.20
193.70 x 55.00	83.70	188.10
203.00 x 6.30	190.40	30.60
203.00 x 8.00	187.00	38.50
203.00 x 10.00	183.00	47.60
203.00 x 12.50	178.00	58.70
203.00 x 14.20	174.60	66.10
203.00 x 16.00	171.00	73.80
203.00 x 17.50	168.00	80.10
203.00 x 20.00	163.00	90.30
203.00 x 22.20	158.60	99.00
203.00 x 25.00	153.00	109.70
203.00 x 28.00	147.00	120.80
203.00 x 30.00	143.00	128.00
203.00 x 32.00	139.00	135.00
203.00 x 35.00	133.00	145.00
203.00 x 40.00	123.00	160.80
203.00 x 45.00	113.00	175.30
203.00 x 50.00	103.00	188.70
203.00 x 55.00	93.00	200.70
216.00 x 8.00	200.00	41.00
216.00 x 10.00	196.00	50.80
216.00 x 12.50	191.00	62.70
216.00 x 14.20	187.60	70.70
216.00 x 16.00	184.00	78.90
216.00 x 17.50	181.00	85.70
216.00 x 20.00	176.00	96.70
216.00 x 22.20	171.60	106.10
216.00 x 25.00	166.00	117.80
216.00 x 28.00	160.00	129.80
216.00 x 30.00	156.00	137.60
216.00 x 32.00	152.00	145.20
216.00 x 36.00	144.00	159.80

Dimension OD x Wall	ID	Weight kg/m
216.00 x 40.00	136.00	173.60
216.00 x 45.00	126.00	189.80
216.00 x 50.00	116.00	204.70
219.10 x 6.30	206.50	33.10
219.10 x 7.10	204.90	37.10
219.10 x 8.00	203.10	41.70
219.10 x 8.80	201.50	45.60
219.10 x 10.00	199.10	51.60
219.10 x 11.00	197.10	56.50
219.10 x 12.50	194.10	63.70
219.10 x 14.20	190.70	71.80
219.10 x 16.00	187.10	80.10
219.10 x 17.50	184.10	87.00
219.10 x 20.00	179.10	98.20
219.10 x 22.20	174.70	107.80
219.10 x 25.00	169.10	119.70
219.10 x 28.00	163.10	132.00
219.10 x 30.00	159.10	139.90
219.10 x 32.00	155.10	147.70
219.10 x 35.00	149.10	158.90
219.10 x 40.00	139.10	176.70
219.10 x 45.00	129.10	193.20
219.10 x 50.00	119.10	208.50
219.10 x 55.00	109.10	222.60
219.10 x 60.00	99.10	235.40
229.00 x 10.00	209.00	54.00
229.00 x 12.50	204.00	66.70
229.00 x 14.20	200.60	75.20
229.00 x 16.00	197.00	84.10
229.00 x 17.50	194.00	91.30
229.00 x 20.00	189.00	103.10
229.00 x 22.20	184.60	113.20
229.00 x 25.00	179.00	125.80
229.00 x 28.00	173.00	138.80
229.00 x 30.00	169.00	147.20
229.00 x 32.00	165.00	155.50
229.00 x 35.00	159.00	167.50
229.00 x 40.00	149.00	186.40
229.00 x 45.00	139.00	204.20
229.00 x 48.00	133.00	214.30
229.00 x 50.00	129.00	220.70
229.00 x 60.00	109.00	250.10
241.00 x 7.10	226.80	41.00
241.00 x 11.00	219.00	62.40
241.00 x 17.50	206.00	96.50
241.00 x 22.20	196.60	119.80
241.00 x 25.00	191.00	133.20
241.00 x 28.00	185.00	147.10

Dimension OD x Wall	ID	Weight kg/m
241.00 x 30.00	181.00	156.10
241.00 x 36.00	169.00	182.00
241.00 x 40.00	161.00	198.30
241.00 x 45.00	151.00	217.50
241.00 x 50.00	141.00	235.50
241.00 x 55.00	131.00	252.30
244.50 x 6.30	231.90	37.00
244.50 x 7.10	230.30	41.60
244.50 x 8.00	228.50	46.70
244.50 x 10.00	224.50	57.80
244.50 x 11.00	222.50	63.30
244.50 x 12.50	219.50	71.50
244.50 x 16.00	212.50	90.20
244.50 x 17.50	209.50	102.10
244.50 x 20.00	204.50	110.70
244.50 x 22.20	200.10	121.70
244.50 x 25.00	194.50	135.30
244.50 x 28.00	188.50	149.50
244.50 x 30.00	184.50	158.70
244.50 x 32.00	180.50	167.70
244.50 x 35.00	174.50	180.80
244.05 x 40.00	164.50	201.70
244.50 x 45.00	154.50	221.40
244.50 x 50.00	144.50	239.80
244.50 x 55.00	134.50	257.00
244.50 x 60.00	124.50	273.00
244.50 x 70.00	104.50	301.20
254.00 x 6.30	241.40	38.50
254.00 x 10.00	234.00	60.20
254.00 x 12.50	229.00	74.50
254.00 x 14.20	225.60	84.00
254.00 x 16.00	222.00	93.90
254.00 x 17.50	219.00	102.10
254.00 x 20.00	214.00	115.40
254.00 x 22.20	209.60	126.90
254.00 x 25.00	204.00	141.20
254.00 x 28.00	198.00	156.10
254.00 x 30.00	194.00	165.70
254.00 x 32.00	190.00	175.20
254.00 x 35.00	184.00	189.00
254.00 x 40.00	174.00	211.10
254.00 x 45.00	164.00	231.90
254.00 x 50.00	154.00	251.60
254.00 x 55.00	144.00	269.90
254.00 x 60.00	134.00	287.10
267.00 x 7.10	252.80	45.50
267.00 x 8.00	251.00	51.10
267.00 x 8.80	249.40	56.00

Dimension OD x Wall	ID	Weight kg/m
267.00 x 10.00	247.00	63.40
267.00 x 12.50	242.00	78.50
267.00 x 14.20	238.60	88.50
267.00 x 16.00	235.00	99.00
267.00 x 17.50	232.00	107.70
267.00 x 20.00	227.00	121.80
267.00 x 22.20	222.60	134.00
267.00 x 25.00	217.00	149.20
267.00 x 28.00	211.00	165.00
267.00 x 30.00	207.00	175.30
267.00 x 32.00	203.00	185.50
267.00 x 35.00	197.00	200.20
267.00 x 40.00	187.00	223.90
267.00 x 45.00	177.00	246.40
267.00 x 50.00	167.00	267.60
267.00 x 55.00	157.00	287.60
267.00 x 60.00	147.00	306.30
267.00 x 65.00	137.00	323.80
267.00 x 70.00	127.00	340.10
267.00 x 75.00	117.00	355.10
267.00 x 80.00	107.00	368.90
273.00 x 7.10	258.80	46.60
273.00 x 8.00	257.00	52.30
273.00 x 8.80	255.40	57.30
273.00 x 10.00	253.00	64.90
273.00 x 11.00	251.00	71.10
273.00 x 12.50	248.00	80.30
273.00 x 14.20	244.60	90.60
273.00 x 16.00	241.00	101.40
273.00 x 17.50	238.00	110.30
273.00 x 20.00	233.00	124.80
273.00 x 22.20	228.60	137.30
273.00 x 25.00	223.00	152.90
273.00 x 28.00	217.00	169.20
273.00 x 30.00	213.00	179.80
273.00 x 32.00	209.00	190.20
273.00 x 35.00	203.00	205.40
273.00 x 40.00	193.00	229.90
273.00 x 45.00	183.00	253.00
273.00 x 50.00	173.00	275.00
273.00 x 60.00	153.00	315.20
273.00 x 75.00	123.00	366.20
273.00 x 80.00	113.00	380.80
279.00 x 7.10	264.80	47.60
279.00 x 8.00	263.00	53.50
279.00 x 10.00	259.00	66.30
279.00 x 12.50	254.00	82.20
279.00 x 14.20	250.60	92.70

Dimension OD x Wall	ID	Weight kg/m
279.00 x 16.00	247.00	103.80
279.00 x 17.50	244.00	112.90
279.00 x 20.00	239.00	127.80
279.00 x 22.20	234.60	140.60
279.00 x 25.00	229.00	156.60
279.00 x 30.00	219.00	184.20
279.00 x 32.00	215.00	194.90
279.00 x 35.00	209.00	210.60
279.00 x 40.00	199.00	235.80
279.00 x 45.00	189.00	259.70
279.00 x 50.00	179.00	282.40
292.00 x 17.50	257.00	118.50
292.00 x 20.00	252.00	134.20
292.00 x 25.00	242.00	164.60
292.00 x 28.00	236.00	182.30
292.00 x 30.00	232.00	193.80
292.00 x 32.00	228.00	205.20
292.00 x 36.00	220.00	227.30
292.00 x 40.00	212.00	248.60
292.00 x 45.00	202.00	274.10
292.00 x 50.00	192.00	298.40
292.00 x 55.00	182.00	321.50
298.50 x 7.10	284.30	51.00
298.00 x 8.00	282.50	57.30
298.50 x 8.80	280.90	62.90
298.50 x 10.00	278.50	71.20
298.50 x 12.50	273.50	88.20
298.50 x 14.20	270.10	99.60
298.50 x 16.00	266.50	111.50
298.50 x 17.50	263.50	121.30
298.50 x 20.00	258.50	137.40
298.50 x 22.20	254.10	151.30
298.50 x 25.00	248.50	168.60
298.50 x 28.00	242.50	186.80
298.50 x 30.00	238.50	198.70
298.50 x 32.00	234.50	210.30
298.50 x 35.00	228.50	227.40
298.50 x 40.00	218.50	255.00
298.50 x 45.00	208.50	281.30
298.50 x 50.00	198.50	306.40
298.50 x 55.00	188.50	330.30
298.50 x 60.00	178.50	352.90
298.50 x 75.00	148.50	413.40
298.50 x 90.00	118.50	462.80
305.00 x 8.00	289.00	58.60
305.00 x 10.00	285.00	72.80
305.00 x 12.50	280.00	90.20
305.00 x 16.00	273.00	114.00

Dimension OD x Wall	ID	Weight kg/m
305.00 x 17.50	270.00	124.10
305.00 x 20.00	265.00	140.60
305.00 x 25.00	255.00	172.60
305.00 x 30.00	245.00	203.50
305.00 x 32.00	241.00	215.40
305.00 x 35.00	235.00	233.10
305.00 x 40.00	225.00	261.40
305.00 x 45.00	215.00	288.50
305.00 x 50.00	205.00	314.40
305.00 x 65.00	175.00	384.70
305.00 x 80.00	145.00	443.90
318.00 x 10.00	298.00	76.00
318.00 x 12.50	293.00	94.20
318.00 x 17.50	283.00	129.70
318.00 x 20.00	278.00	147.00
318.00 x 22.00	273.60	162.00
318.00 x 25.00	268.00	180.70
318.00 x 28.00	262.00	200.30
318.00 x 30.00	258.00	213.10
318.00 x 32.00	254.00	225.70
318.00 x 36.00	246.00	250.40
318.00 x 40.00	238.00	274.20
318.00 x 45.00	228.00	303.00
318.00 x 50.00	218.00	330.50
318.00 x 55.00	208.00	356.70
318.00 x 60.00	198.00	381.80
318.00 x 65.00	188.00	405.60
318.00 x 80.00	158.00	469.60
323.90 x 8.00	307.90	62.30
323.90 x 8.80	306.30	68.40
323.90 x 10.00	303.90	77.40
323.90 x 11.00	301.90	84.90
323.90 x 12.50	298.90	96.00
323.90 x 14.20	295.50	108.50
323.90 x 16.00	291.90	121.50
323.90 x 17.50	288.90	132.20
323.90 x 20.00	283.90	149.90
323.90 x 22.20	279.50	165.20
323.90 x 25.00	273.90	184.30
323.90 x 28.00	267.90	204.30
323.90 x 30.00	263.90	217.40
323.90 x 32.00	259.90	230.40
323.90 x 35.00	253.90	249.40
323.90 x 40.00	243.90	280.10
323.90 x 45.00	233.90	309.50
323.90 x 50.00	223.90	337.70
323.90 x 55.00	213.90	364.70
323.90 x 60.00	203.90	390.50

Dimension OD x Wall	ID	Weight kg/m
323.90 x 65.00	193.90	415.00
323.90 x 70.00	183.90	438.30
323.90 x 75.00	173.90	460.40
323.90 x 80.00	163.90	481.20
323.90 x 90.00	143.90	519.10
330.00 x 14.20	301.60	110.60
330.00 x 16.00	298.00	123.90
330.00 x 17.50	295.00	134.90
330.00 x 20.00	290.00	152.90
330.00 x 22.20	285.60	168.50
330.00 x 25.00	280.00	188.00
330.00 x 30.00	270.00	222.00
330.00 x 32.00	266.00	235.20
330.00 x 36.00	258.00	261.00
330.00 x 40.00	250.00	286.10
330.00 x 45.00	240.00	316.30
330.00 x 50.00	230.00	345.30
343.00 x 12.50	318.00	101.90
343.00 x 16.00	311.00	129.00
343.00 x 17.50	308.00	140.50
343.00 x 20.00	303.00	159.30
343.00 x 22.20	298.60	175.60
343.00 x 25.00	293.00	196.10
343.00 x 28.00	287.00	217.50
343.00 x 30.00	283.00	231.60
343.00 x 35.00	273.00	265.90
343.00 x 40.00	263.00	298.90
343.00 x 45.00	253.00	330.70
343.00 x 50.00	243.00	361.30
343.00 x 55.00	233.00	390.60
343.00 x 60.00	223.00	418.80
343.00 x 70.00	203.00	471.30
343.00 x 90.00	163.00	561.50
343.00 x 100.00	143.00	599.30
355.60 x 8.00	339.60	68.60
355.60 x 10.00	335.60	85.20
355.60 x 12.50	330.60	105.80
355.60 x 14.20	327.20	119.60
355.60 x 16.00	323.60	134.00
355.60 x 17.50	320.60	145.90
355.60 x 20.00	315.60	165.50
355.60 x 22.20	311.20	182.50
355.60 x 25.00	305.60	203.80
355.60 x 28.00	299.60	226.20
355.60 x 30.00	295.60	240.90
355.60 x 32.00	291.60	255.40
355.60 x 35.00	285.60	276.70
355.60 x 40.00	275.60	311.30

Dimension OD x Wall	ID	Weight kg/m
355.60 x 45.00	265.60	344.70
355.60 x 50.00	255.60	376.80
355.60 x 55.00	245.60	407.70
355.60 x 60.00	235.60	437.40
355.60 x 70.00	215.60	493.00
355.60 x 80.00	195.60	543.70
355.60 x 100.00	155.60	630.40
368.00 x 10.00	348.00	88.30
368.00 x 12.50	343.00	109.60
368.00 x 14.20	339.60	123.90
368.00 x 16.00	336.00	138.90
368.00 x 20.00	328.00	171.60
368.00 x 22.20	323.60	189.30
368.00 x 25.00	318.00	211.50
368.00 x 30.00	308.00	250.10
368.00 x 32.00	304.00	265.20
368.00 x 36.00	296.00	295.00
368.00 x 40.00	288.00	323.60
368.00 x 45.00	278.00	358.50
368.00 x 50.00	268.00	392.10
*368.00 x 55.00	258.00	424.60
368.00 x 60.00	248.00	455.70
368.00 x 70.00	228.00	514.40
368.00 x 80.00	208.00	568.20
368.00 x 100.00	168.00	660.90
381.00 x 25.00	331.00	219.50
381.00 x 40.00	301.00	336.40
394.00 x 12.50	369.00	117.60
394.00 x 14.20	365.60	133.00
394.00 x 16.00	362.00	149.20
394.00 x 17.50	359.00	162.50
394.00 x 20.00	354.00	184.50
394.00 x 22.20	349.60	203.60
394.00 x 25.00	344.00	227.50
394.00 x 28.00	338.00	252.70
394.00 x 30.00	334.00	269.30
394.00 x 32.20	330.00	285.70
394.00 x 35.00	324.00	309.90
394.00 x 40.00	314.00	349.20
394.00 x 45.00	304.00	387.30
394.00 x 50.00	294.00	424.20
394.00 x 55.00	284.00	459.80
394.00 x 60.00	274.00	494.20
394.00 x 65.00	264.00	527.40
394.00 x 70.00	254.00	559.30
394.00 x 80.00	234.00	619.50
394.00 x 100.00	194.00	725.10
406.40 x 10.00	386.40	97.80

\* 20MnV6

Dimension OD x Wall	ID	Weight kg/m
406.40 x 12.50	381.40	121.40
406.4 x 16.000	374.40	154.10
406.40 x 17.50	371.40	167.80
406.40 x 20.00	366.40	190.60
406.40 x 22.20	362.00	210.30
406.40 x 25.00	356.40	235.20
406.40 x 28.00	350.40	261.30
406.40 x 30.00	346.40	278.50
406.40 x 32.00	342.40	295.50
406.40 x 35.00	336.40	320.60
406.40 x 40.00	326.40	361.40
406.40 x 45.00	316.40	401.10
406.40 x 50.00	306.40	439.50
406.40 x 55.00	296.40	476.60
406.40 x 60.00	286.40	512.60
406.40 x 70.00	266.40	580.70
406.40 x 80.00	246.40	644.00
406.40 x 100.00	206.40	755.60
419.00 x 10.00	399.00	100.90
419.00 x 11.00	397.00	110.70
419.00 x 12.50	394.00	125.30
419.00 x 14.20	390.60	141.80
419.00 x 16.00	387.00	159.00
419.00 x 17.50	384.00	176.30
419.00 x 20.00	379.00	196.80
419.00 x 22.20	374.60	217.20
419.00 x 25.00	369.00	242.90
419.00 x 28.00	363.00	270.00
419.00 x 30.00	359.00	287.80
419.00 x 32.00	355.00	305.40
419.00 x 35.00	349.00	331.50
419.00 x 40.00	339.00	373.90
419.00 x 45.00	329.00	415.10
419.00 x 50.00	319.00	455.00
419.00 x 55.00	309.00	493.70
419.00 x 60.00	299.00	531.20
419.00 x 70.00	279.00	602.50
419.00 x 75.00	269.00	636.30
419.00 x 80.00	259.00	668.80
419.00 x 100.00	219.00	786.70
432.00 x 50.00	332.00	471.00
445.00 x 12.50	420.00	133.00
445.00 x 20.00	405.00	209.60
445.00 x 25.00	395.00	259.00
445.00 x 30.00	385.00	307.00
445.00 x 32.00	381.00	325.90
445.00 x 36.00	373.00	363.10
445.00 x 40.00	365.00	399.50

Dimension OD x Wall	ID	Weight kg/m
445.00 x 50.00	345.00	487.10
445.00 x 55.00	335.00	529.00
445.00 x 60.00	325.00	569.70
445.00 x 65.00	315.00	609.10
445.00 x 70.00	305.00	647.40
445.00 x 80.00	285.00	720.10
445.00 x 90.00	265.00	787.90
445.00 x 100.00	245.00	850.80
457.00 x 10.00	437.00	110.20
457.00 x 12.50	432.00	137.00
457.00 x 16.00	425.00	174.00
457.00 x 17.50	422.00	189.70
457.00 x 20.00	417.00	215.50
457.00 x 22.20	412.60	238.10
457.00 x 25.00	407.00	266.30
457.00 x 28.00	401.00	296.20
457.00 x 30.00	397.00	315.90
457.00 x 35.00	387.00	364.30
457.00 x 40.00	377.00	411.40
457.00 x 45.00	367.00	457.20
457.00 x 50.00	357.00	501.90
457.00 x 55.00	347.00	545.30
457.00 x 60.00	337.00	587.40
457.00 x 65.00	327.00	628.00
457.00 x 70.00	317.00	668.10
457.00 x 75.00	307.00	706.60
457.00 x 80.00	297.00	743.80
457.00 x 100.00	257.00	880.40
470.00 x 12.50	445.00	141.00
470.00 x 16.00	438.00	179.10
470.00 x 20.00	430.00	222.00
470.00 x 22.20	425.60	245.20
470.00 x 25.00	420.00	274.40
470.00 x 30.00	410.00	325.50
470.00 x 36.00	398.00	385.30
470.00 x 40.00	390.00	424.20
470.00 x 50.00	370.00	517.90
470.00 x 55.00	360.00	562.90
470.00 x 60.00	350.00	606.70
470.00 x 65.00	340.00	649.20
470.00 x 70.00	330.00	690.50
470.00 x 75.00	320.00	730.60
470.00 x 100.00	270.00	912.50
495.00 x 12.50	470.00	148.70
495.00 x 16.00	463.00	189.00
495.00 x 20.00	455.00	234.30
495.00 x 25.00	445.00	289.80
495.00 x 30.00	435.00	344.00

Dimension OD x Wall	ID	Weight kg/m
495.00 x 36.00	423.00	407.50
495.00 x 40.00	415.00	448.80
495.00 x 50.00	395.00	548.70
495.00 x 55.00	385.00	596.80
495.00 x 60.00	375.00	643.70
495.00 x 70.00	355.00	733.70
495.00 x 75.00	345.00	776.80
495.00 x 100.00	295.00	974.10
508.00 x 12.50	483.00	152.80
508.00 x 14.20	479.60	172.90
508.00 x 16.00	476.00	194.10
508.00 x 17.50	473.00	211.70
508.00 x 20.00	468.00	240.70
508.00 x 22.20	463.60	266.00
508.00 x 25.00	458.00	297.80
508.00 x 28.00	452.00	331.50
508.00 x 30.00	448.00	353.70
508.00 x 32.00	444.00	375.60
508.00 x 36.00	436.00	419.00
508.00 x 40.00	428.00	461.70
508.00 x 45.00	418.00	513.80
508.00 x 50.00	408.00	564.80
508.00 x 55.00	398.00	614.40
508.00 x 60.00	388.00	662.90
508.00 x 65.00	378.00	710.10
508.00 x 70.00	368.00	756.10
508.00 x 75.00	358.00	800.90
508.00 x 80.00	348.00	844.40
508.00 x 85.00	338.00	886.70
508.00 x 90.00	328.00	927.80
508.00 x 100.00	308.00	1006.20
508.00 x 110.00	288.00	1079.70
521.00 x 14.20	492.60	177.50
521.00 x 16.00	489.00	199.30
521.00 x 20.00	481.00	247.10
521.00 x 22.20	476.60	273.10
521.00 x 25.00	471.00	305.80
521.00 x 30.00	461.00	363.30
521.00 x 36.00	449.00	430.60
521.00 x 40.00	441.00	474.50
521.00 x 45.00	431.00	528.30
521.00 x 50.00	421.00	580.80
521.00 x 60.00	401.00	682.10
521.00 x 70.00	381.00	778.60
521.00 x 100.00	321.00	1038.30
546.00 x 14.20	517.60	186.20
546.00 x 20.00	506.00	259.40
546.00 x 25.00	496.00	321.20

Dimension OD x Wall	ID	Weight kg/m
546.00 x 30.00	486.00	381.80
546.00 x 32.00	482.00	405.60
546.00 x 36.00	474.00	452.80
546.00 x 40.00	466.00	499.20
546.00 x 50.00	446.00	611.60
546.00 x 55.00	436.00	666.00
546.00 x 60.00	426.00	719.10
546.00 x 65.00	416.00	771.00
546.00 x 70.00	406.00	821.70
559.00 x 20.00	519.00	265.90
559.00 x 22.20	514.60	293.60
559.00 x 25.00	509.00	329.20
559.00 x 30.00	499.00	391.40
559.00 x 35.00	487.00	464.30
559.00 x 40.00	479.00	512.00
559.00 x 45.00	469.00	570.40
559.00 x 50.00	459.00	627.60
559.00 x 60.00	439.00	738.40
559.00 x 70.00	419.00	844.20
559.00 x 80.00	399.00	945.00
559.00 x 85.00	389.00	993.60
559.00 x 100.00	359.00	1132.00
572.00 x 14.20	543.60	195.30
572.00 x 20.00	532.00	272.30
572.00 x 25.00	522.00	337.30
572.00 x 30.00	512.00	401.00
572.00 x 40.00	492.00	524.80
572.00 x 45.00	472.00	643.70
*572.00 x 50.00	472.00	643.70
572.00 x 60.00	452.00	757.60
572.00 x 70.00	432.00	866.60
572.00 x 75.00	422.00	919.30
572.00 x 85.00	402.00	1020.90
572.00 x 90.00	392.00	1069.80
572.00 x 100.00	372.00	1164.00
610.00 x 14.20	581.60	208.70
610.00 x 16.00	578.00	234.40
610.00 x 17.50	575.00	255.70
610.00 x 20.00	570.00	291.00
610.00 x 25.00	560.00	360.70
610.00 x 30.00	550.00	429.10
610.00 x 32.00	546.00	456.10
610.00 x 36.00	538.00	509.60
610.00 x 40.00	530.00	562.30
610.00 x 45.00	520.00	627.00
610.00 x 50.00	510.00	690.50
610.00 x 60.00	490.00	813.80
610.00 x 70.00	470.00	932.20

\* 20MnV6/E355

Dimension OD x Wall	ID	Weight kg/m
610.00 x 75.00	460.00	989.50
610.00 x 80.00	450.00	1045.70
610.00 x 90.00	430.00	1154.20
610.00 x 100.00	410.00	1257.70
622.00 x 14.20	593.60	212.90
622.00 x 20.00	582.00	296.90
622.00 x 22.00	577.60	328.40
622.00 x 25.00	572.00	368.10
622.00 x 30.00	562.00	438.00
622.00 x 36.00	550.00	520.30
622.00 x 40.00	542.00	574.10
622.00 x 45.00	532.00	640.30
622.00 x 50.00	522.00	705.30
622.00 x 60.00	502.00	831.60

Dimension OD x Wall	ID	Weight kg/m
622.00 x 70.00	482.00	952.90
622.00 x 85.00	452.00	1125.70
660.00 x 20.00	620.00	315.50
660.00 x 25.00	610.00	391.50
660.00 x 30.00	600.00	466.10
660.00 x 36.00	588.00	554.00
660.00 x 40.00	580.00	611.60
660.00 x 45.00	570.00	682.50
660.00 x 50.00	560.00	752.20
660.00 x 55.00	550.00	820.60
660.00 x 60.00	450.00	887.80
660.00 x 70.00	520.00	1018.50
660.00 x 80.00	500.00	1144.30
660.00 x 100.00	460.00	1381.00