



Data extracted from EN 10219-2:2006

Outside Diameter mm	Thickness T mm	Mass kg/m	Cross Section Area A cm <sup>2</sup>
20	2	1.05	1.34
25	2	1.36	1.74
25	2.5	1.64	2.09
25	3	1.89	2.41
30	2	1.68	2.14
30	2.5	2.03	2.59
30	3	2.36	3.01
40	2	2.31	2.94
40	2.5	2.82	3.59
40	3	3.3	4.21
40	4	4.2	5.35
50	2	2.93	3.74
50	2.5	3.6	4.59
50	3	4.25	5.41
50	4	5.45	6.95
50	5	6.85	8.36
60	2	3.56	4.54
60	2.5	4.39	5.59
60	3	5.19	6.61
60	4	6.71	8.55
60	5	8.13	10.4
60	6	9.45	12
60	6.3	9.55	12.2
70	2.5	5.17	6.59
70	3	6.13	7.81
70	4	7.97	10.1
70	5	9.7	12.4
70	6	11.3	14.4
70	6.3	11.5	14.7
80	3	7.07	9.01
80	4	9.22	11.7
80	5	11.3	14.4
80	6	13.2	16.8
80	6.3	13.5	17.2
80	8	16.4	20.8
90	3	8.01	10.2
90	4	10.5	13.3
90	5	12.8	16.4
90	6	15.1	19.2
90	6.3	15.5	19.7
90	8	18.9	24
100	3	8.96	11.4
100	4	11.7	14.9
100	5	14.4	18.4
100	6	17	21.6
100	6.3	17.5	22.2
100	8	21.4	27.2
100	10	25.6	32.6
100	12	28.3	36.1
100	12.5	29.1	37
120	3	10.8	13.8
120	4	14.2	18.1
120	5	17.5	22.4
120	6	20.7	26.4
120	6.3	21.4	27.3
120	8	26.4	33.6
120	10	31.8	40.6
120	12	35.8	45.7
120	12.5	36.9	47
140	4	16.8	21.3
140	5	20.7	26.4
140	6	24.5	31.2
140	6.3	25.4	32.3
140	8	31.4	40
140	10	38.1	48.6
140	12	43.4	55.3
140	12.5	44.8	57
150	4	18	22.9
150	5	22.3	28.4
150	6	26.4	33.6
150	6.3	27.4	34.8
150	8	33.9	43.2
150	10	41.3	52.6
150	12	47.1	60.1
150	12.5	48.7	62
150	16	58.7	74.8
160	4	19.3	24.5
160	5	23.8	30.4
160	6	28.3	36
160	6.3	29.3	37.4
160	8	36.5	46.4
160	10	44.4	56.6
160	12	50.9	64.9
160	12.5	52.6	67
160	16	63.7	81.2
180	4	21.8	27.7
180	5	27	34.4
180	6	32.1	40.8
180	6.3	33.3	42.4
180	8	41.5	52.8
180	10	50.7	64.6
180	12	58.5	74.5
180	12.5	60.5	77
180	16	73.8	94
200	4	24.3	30.9
200	5	30.1	38.4
200	6	35.8	45.6
200	6.3	37.2	47.4
200	8	46.5	59.2
200	10	57	72.6
200	12	66	84.1
200	12.5	68.3	87
200	16	83.8	107
220	5	33.2	42.4
220	6	39.6	50.4
220	6.3	41.2	52.5
220	8	51.5	65.6
220	10	63.2	80.6
220	12	73.5	93.7
220	12.5	76.2	97
220	16	93.9	120
250	5	38	48.4
250	6	45.2	57.6
250	6.3	47.1	60
250	8	59.1	75.2
250	10	72.7	92.6
250	12	84.8	108
250	12.5	88	112
250	16	109	139
260	6	47.1	60
260	6.3	49.1	62.6
260	8	61.6	78.4
260	10	75.8	96.6
260	12	88.6	113
260	12.5	91.9	117
260	16	114	145
300	6	54.7	69.6
300	6.3	57	72.6
300	8	71.6	91.2
300	10	88.4	113
300	12	104	132
300	12.5	108	137
300	16	134	171
350	8	84.2	107
350	10	104	133
350	12	123	156
350	12.5	127	162
350	16	159	203
400	10	120	153
400	12	141	180
400	12.5	147	187
400	16	184	235

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