

Equal Angles



Dimensions		MILD STEEL EQUAL ANGLES						
Size mm	kg/m	Approx. metres per tonne	Depth d mm	Width b mm	Thickness t mm	Root Radius r ¹ mm	Toe Radius r ² mm	Area of Section cm ²
13 x 13 x 3	0.55	1818	13	13	3	0.5		0.70
16 x 16 x 3	0.71	1408	16	16	3	0.5		0.88
20 x 20 x 3	0.88	1137	20	20	3	3.5	1.75	1.12
20 x 20 x 4	1.13	885	20	20	4	3.5		1.44
25 x 25 x 3	1.11	901	25	25	3	3.5	2.4	1.41
25 x 25 x 5	1.77	565	25	25	5	3.5	2.4	2.25
30 x 30 x 4	1.78	562	30	30	4	5.0	2.4	2.24
30 x 30 x 3	1.36	735	30	30	3	5.0	2.4	1.74
30 x 30 x 5	2.18	459	30	30	5	5.0	2.4	2.78
30 x 30 x 6	2.72	367	30	30	6	5.0	2.4	3.26
40 x 40 x 3	1.83	547	40	40	3	6.0	2.4	2.36
40 x 40 x 4	2.42	413	40	40	4	6.0	2.4	3.09
40 x 40 x 5	2.97	337	40	40	5	6.0	2.4	3.80
40 x 40 x 6	3.52	284	40	40	6	6.0	2.4	4.49
45 x 45 x 5	3.38	295	45	45	5	7.0	2.4	4.33
45 x 45 x 6	4.00	250	45	45	6	7.0	2.4	5.12
50 x 50 x 3	2.33	429	50	50	3	7.0	2.4	2.99
50 x 50 x 5	3.77	265	50	50	5	7.0	2.4	4.83
50 x 50 x 6	4.47	228	50	50	6	7.0	2.4	5.72
50 x 50 x 8	5.82	172	50	50	8	7.0	2.4	7.44
60 x 60 x 5	4.57	214	60	60	5	8.0	2.4	5.86
60 x 60 x 6	5.42	185	60	60	6	8.0	2.4	6.95
60 x 60 x 8	7.09	141	60	60	8	8.0	2.4	9.07
60 x 60 x 10	8.69	115	60	60	10	8.0	2.4	11.10
70 x 70 x 6	6.38	157	70	70	6	9.0	2.4	8.19
70 x 70 x 8	8.36	120	70	70	8	9.0	2.4	10.70
70 x 70 x 10	10.30	97	70	70	10	9.0	2.4	13.10
75 x 75 x 6	6.87	146	75	75	6	9.0	2.4	8.73
75 x 75 x 8	8.96	111	75	75	8	9.0	2.4	11.40
75 x 75 x 10	11.10	90	75	75	10	9.0	2.4	14.08
80 x 80 x 6	7.34	136	80	80	6	10.0	2.4	9.36
80 x 80 x 8	9.63	104	80	80	8	10.0	2.4	12.30
80 x 80 x 10	11.90	84	80	80	10	10.0	2.4	15.10
90 x 90 x 6	8.30	120	90	90	6	11.0	4.8	10.6
90 x 90 x 8	10.90	92	90	90	8	11.0	4.8	13.9
90 x 90 x 10	13.40	75	90	90	10	11.0	4.8	17.2
90 x 90 x 12	15.90	63	90	90	12	11.0	4.8	20.3
100 x 100 x 8	12.20	82	100	100	8	12.0	4.8	15.6
100 x 100 x 10	15.00	67	100	100	10	12.0	4.8	19.2
100 x 100 x 12	17.80	56	100	100	12	12.0	4.8	22.8
100 x 100 x 15	21.90	46	100	100	15	12.0	4.8	28.0
120 x 120 x 8	14.70	68	120	120	8	13.0	4.8	18.8
120 x 120 x 10	18.20	55	120	120	10	13.0	4.8	23.3
120 x 120 x 12	21.60	46	120	120	12	13.0	4.8	27.6
150 x 150 x 10	23.00	44	150	150	10	16.0	4.8	29.5
150 x 150 x 12	27.30	37	150	150	12	16.0	4.8	35.0
150 x 150 x 15	33.80	30	150	150	15	16.0	4.8	43.2
200 x 200 x 16	48.5	21	200	200	16	18	4.8	62.0
200 x 200 x 20	59.9	17	200	200	20	18	4.8	76.6