



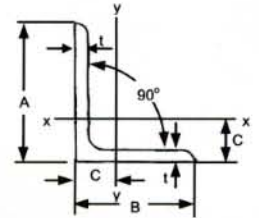
## unequal angle bars

Angle Bars are one of the most commonly used steel structures in the construction industry. The basic shape of the Angle Bar lends it many practical uses.

There are basically 2 types of Angle Bars, namely:

- Equal Angle Bars
- Unequal Angle Bars

# UNEQUAL ANGLE BARS



Section Size A x B	Thickness t		Unit Weight M		Leg Length				Corner Radius				Section Area A	
					A		B		r1		r2			
	mm	mm	in	kg/m	lb/ft	mm	in	mm	in	mm	in	mm	in	cm <sup>2</sup>
<b>75 x 50</b>	6	0.236	5.67	3.810	75	2.953	50	1.969	8.5	0.335	4.0	0.157	7.227	1.120
	8	0.315	7.35	4.939	75	2.953	50	1.969	8.5	0.335	6.0	0.236	9.261	1.435
	10	0.394	9.03	6.068	75	2.953	50	1.969	8.5	0.335	6.0	0.236	11.500	1.782
<b>100 x 75</b>	7	0.276	9.32	6.263	100	3.937	75	2.953	10	0.394	5.0	0.197	11.870	1.840
	8	0.315	10.6	7.123	100	3.937	75	2.953	10	0.394	4.8	0.189	13.500	2.092
	10	0.394	13.0	8.736	100	3.937	75	2.953	10	0.394	7.0	0.276	16.500	2.557
	12	0.472	15.4	10.348	100	3.937	75	2.953	10	0.394	4.8	0.189	19.700	3.053
	13	0.512	16.5	11.088	100	3.937	75	2.953	10	0.394	7.0	0.276	21.060	3.264
<b>125 x 75</b>	6.5	0.256	9.98	6.706	125	4.921	75	2.953	11	0.433	4.8	0.189	12.700	1.968
	7	0.276	10.7	7.190	125	4.921	75	2.953	10	0.394	5.0	0.197	13.620	2.111
	8	0.315	12.2	8.198	125	4.921	75	2.953	11	0.433	4.8	0.189	15.500	2.402
	10	0.394	15.0	10.080	125	4.921	75	2.953	10	0.394	7.0	0.276	19.000	2.945
	12	0.472	17.8	11.961	125	4.921	75	2.953	11	0.433	4.8	0.189	22.700	3.518
	13	0.512	19.1	12.835	125	4.921	75	2.953	10	0.394	7.0	0.276	24.310	3.768
<b>150 x 75</b>	7	0.276	12.1	8.131	150	5.906	75	2.953	12	0.472	5.0	0.197	15.460	2.396
	9	0.354	15.3	10.281	150	5.906	75	2.953	12	0.472	8.5	0.335	19.440	3.013
	10	0.394	17.0	11.424	150	5.906	75	2.953	11	0.433	4.8	0.189	21.600	3.348
	12	0.472	20.1	13.507	150	5.906	75	2.953	12	0.472	8.5	0.335	25.560	3.962
	15	0.591	24.8	16.665	150	5.906	75	2.953	11	0.433	4.8	0.189	31.600	4.898
<b>150 x 90</b>	9	0.354	16.4	11.020	150	5.906	90	3.543	12	0.472	6.0	0.236	20.940	3.246
	10	0.394	18.2	12.230	150	5.906	90	3.543	12	0.472	4.8	0.189	23.200	3.596
	12	0.472	21.6	14.515	150	5.906	90	3.543	12	0.472	8.5	0.335	27.360	4.241
	15	0.591	26.6	17.874	150	5.906	90	3.543	12	0.472	8.5	0.335	33.750	5.231
<b>150 x 100</b>	9	0.354	17.1	11.491	150	5.906	100	3.937	12	0.472	6.0	0.236	21.840	3.385
	12	0.472	22.4	15.052	150	5.906	100	3.937	12	0.472	8.5	0.335	28.560	4.427
	15	0.591	27.7	18.614	150	5.906	100	3.937	12	0.472	8.5	0.335	35.250	5.463
<b>200 x 100</b>	10	0.394	23.0	15.455	200	7.874	100	3.937	15	0.591	4.8	0.189	29.200	4.526
	12	0.472	27.3	18.345	200	7.874	100	3.937	15	0.591	4.8	0.189	34.800	5.394
	15	0.591	33.7	22.645	200	7.874	100	3.937	15	0.591	4.8	0.189	43.000	6.665

Spec: BS4360 GR 43A, ASTM A36, JIS G3101 SS400.....