



Metad Helwan. was established in 1970 as the first private and independent manufacturer of rebars in Egypt. Our factory is located in Helwan, which is 30km of Cairo produces rebars, round bars, square bars, flat bars and equal angles. Using the latest technology and machinery supplied by SIMAC Italy, Metad Helwan has the capacity to produce 120,000 tons per annum of rebars or the equivalent in sections. We are currently in the process of completing an extension to the factory, with machinery supplied by Nuova Carpenteria Odolese (NCO). This extension will increase our production capacity to 200,000 tons per annum, therefore further enhancing our competitive position in the Egyptian market. .

Rebars		مسلح		Round bars		مبروم		Square bars		مربع	
Thickness (mm)	المقاس	Weight (kg/m)	الوزن	Thickness (mm)	المقاس	Weight (kg/m)	الوزن	Thickness (mm)	المقاس	Weight (kg/m)	الوزن
10		0.58		12		0.888		10 x 10		0.785	
12		0.85		14		1.21		12 x 12		1.13	
14		1.14		16		1.58		16 x 16		2.01	
16		1.51		20		2.47		19 x 19		2.83	
18		1.95		25		3.85		20 x 20		2.97	
20		2.36		30		5.55					
25		2.71		32		6.31					

Round bars available thickness from 12 to 50 (mm)

Square bars we will add thickness 30x30 to 40x40 (mm)

Angles		زاوية									
Thickness (mm) المقاس	2	2.3	2.5	2.8	3	3.3	3.5	3.8	4	4.5	5
25 x 25	0.765	0.837	0.944	1.053	1.125	1.227	1.295	1.397	1.46		
30 x 30	0.944	1.078	1.17	1.289	1.373	1.48	1.56	1.64	1.78		
38 x 38	1.193	1.369	1.44	1.608	1.72	1.942	2.048	2.208	2.31	2.54	2.778
40 x 40					1.85	2.021	2.134	2.304	2.42	2.69	2.97
48 x 48			1.85	2.09	2.231	2.444	2.586	2.799	2.94	3.3	
50 x 50				2.19	2.33	2.549	2.695	2.914	3.06	3.41	3.77
	Weight (kg/m) الوزن										

Angles we will add thickness 60x60x6 to 70x70x7 (mm)

Flat bars		خوصة					
Thickness (mm) المقاس	4	5	6	8	10	12	16
20		0.785	0.94	1.26	1.57		
25		0.981	1.18	1.57	1.963		
30	0.94	1.177	1.41	1.88	2.355		
40	1.26	1.57	1.88	2.51	3.14	3.77	
50	1.57	1.96	2.36	3.14	3.93	4.71	6.28
60	1.884	2.352	2.826	3.768	4.71	5.652	7.54
65		2.551			5.103		
70		2.75	3.297	4.396	5.495		
80					6.28	7.54	
100			4.71	6.28	7.85		
		Weight (kg/m) الوزن					

Flat bars we will extend thickness from 16 to 20 (mm)