



Table (3-1) Weights and Areas of Reinforcing Steel Bars

Φ mm	Weight Kg/m	Area of Cross-Section in cm ²									
		1	2	3	4	5	6	7	8	9	10
6	0.222	.283	.566	.848	1.13	1.41	1.70	1.98	2.26	2.54	2.83
8	0.395	.503	1.01	1.51	2.01	2.51	3.02	3.52	4.02	4.52	5.03
10	0.617	.785	1.57	2.36	3.14	3.93	4.71	5.50	6.28	7.07	7.85
12	0.888	1.13	2.26	3.39	4.52	5.65	6.79	7.92	9.05	10.2	11.3
14	1.21	1.54	3.08	4.62	6.16	7.70	9.24	10.8	12.3	13.9	15.4
16	1.58	2.01	4.02	6.03	8.04	10.1	12.1	14.1	16.1	18.1	20.1
18	2.00	2.54	5.09	7.63	10.2	12.7	15.3	17.8	20.4	22.9	25.4
20	2.47	3.14	6.28	9.42	12.6	15.7	19.8	22.0	25.1	28.3	31.4
22	2.98	3.80	7.60	11.4	15.2	19.0	22.8	26.6	30.4	34.2	38.0
24	3.55	4.52	9.04	13.6	18.1	22.5	27.1	31.7	36.2	40.7	45.2
26	4.17	5.31	10.6	15.9	21.2	25.5	31.9	37.2	42.5	47.0	53.1
28	4.83	6.16	12.3	18.5	24.6	30.8	37.5	43.1	49.3	55.4	61.6
30	5.55	7.07	14.1	21.2	28.3	35.3	42.4	49.5	56.6	63.6	70.7
32	6.31	8.04	16.1	24.1	32.2	40.2	48.3	56.3	64.3	72.4	80.4
34	7.13	9.08	18.2	27.2	36.3	45.4	54.5	63.6	72.6	81.7	90.8
36	7.99	10.2	20.4	30.6	40.9	50.7	61.2	71.4	81.6	91.8	102
38	8.90	11.3	22.6	33.9	45.2	56.5	67.8	79.1	90.4	102	113



