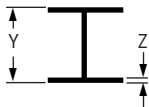


BEAM DIMENSIONS, CONT'D.



W SHAPES			
Nom. Size Y	Weight per Ft., lb.	Flange Width	Thick. of Flange Z
18	50	7½	0.570
	55	7½	0.630
	60	7½	0.695
	65	7¾	0.750
	71	7¾	0.810
	76	11	0.680
	86	11½	0.770
	97	11½	0.870
21	106	11¼	0.940
	62	8¼	0.615
	68	8¼	0.685
	73	8¼	0.740
	83	8¾	0.835
	93	8¾	0.930
	101	12¼	0.800
	111	12¾	0.875
24	122	12¾	0.960
	76	9	0.680
	84	9	0.770
	94	9½	0.875
	104	12¾	0.750
	117	12¾	0.850
131	12¾	0.960	

W SHAPES			
Nom. Size Y	Weight per Ft., lb.	Flange Width	Thick. of Flange Z
27	94	10	0.745
	102	10	0.830
	114	10½	0.930
	146	14	0.975
30	108	10½	0.760
	116	10½	0.850
	124	10½	0.930
	132	10½	1.000
33	118	11½	0.740
	130	11½	0.855
	141	11½	0.960
36	135	12	0.790
	150	12	0.940
	160	12	1.020

MAXIMUM RECOMMENDED APPLIED TORQUES

FOR SET SCREWS IN MSS TYPE 19 & 23 C-CLAMP

Thread Size	Torque Value (in. - lbs)
¼	40
⅜	60
½	125
⅝	250
¾	400
⅞	665

Extracted from MSS-SP-69

FOR FIG. 261 RISER CLAMP

Bolt Size	Torque Value (ft. - lbs)
¼	6
⅜	21
½	46
⅝	100
¾	150
⅞	190
1	280

Bolts per ASTM A307
Nuts per ASTM A563