



METRIC SIZE

SECTION INDEX	STANDARD SECTIONAL DIMENSION					SEC. AREA A	UNIT WEIGHT	INFORMATIVE REFERENCE							
	DEPTH OF SECTION H	FLANGE WIDTH B	THICKNESS		CORNER RADIUS r			CENTER OF GRAVITY		GEOMETRICAL MOMENT OF INERTIA		RADIUS OF GYRATION OF AREA		MODULUS OF SECTION	
			WEB t ₁	FLANGE t ₂				x	y	I _x	I _y	i _x	i _y	Z _x	Z _y
mm	mm	mm	mm	mm	mm	cm ²	kg/m	mm	mm	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³
Q 150 x 75	150	75	5.0	7	8	26.78	21.0	57.3	75.0	691	310	5.08	3.40	92.1	53.99
Q 200 x 100	200	100	5.5	8	11	40.74	32.0	76.6	100.0	1,907	848	6.84	4.56	190.7	110.72
Q 198 x 99	198	99	4.5	7	11	34.77	27.3	76.1	99.0	1,637	722	6.86	4.56	165.3	94.86
Q 250 x 125	250	125	6	9	12	56.49	44.4	95.9	125.0	4,197	1,844	8.62	5.71	335.8	192.34
Q 248 x 124	248	124	5	8	12	49.02	38.5	95.4	124.0	3,670	1,599	8.65	5.71	296.0	167.62
Q 300 x 150	300	150	6.5	9	13	70.17	55.1	114.7	150.0	7,464	3,260	10.31	6.82	497.6	284.16
Q 298 x 149	298	149	5.5	8	13	61.20	48.1	114.2	149.0	6,545	2,842	10.34	6.81	439.3	248.76
Q 350 x 175	350	175	7	11	14	94.71	74.4	134.5	175.0	14,092	6,096	12.20	8.02	805.3	453.30
Q 346 x 174	346	174	6	9	14	79.02	62.1	133.3	173.0	11,496	4,978	12.07	7.94	664.5	373.37
Q 400 x 200	400	200	8	13	16	126.18	99.1	153.9	200.0	24,570	10,661	13.95	9.19	1,228.4	692.79
Q 396 x 199	396	199	7	11	16	108.24	85.0	152.8	198.0	20,725	8,984	13.84	9.11	1,047.2	588.07
Q 450 x 200	450	200	9	14	18	145.14	114.0	159.3	225.0	34,436	14,572	15.40	10.02	1,530.5	914.48
Q 500 x 200	500	200	10	16	20	171.30	134.5	165.2	250.0	48,871	20,386	16.89	10.91	1,954.8	1,234.37
Q 600 x 200	600	200	11	17	22	201.60	158.3	175.7	300.0	78,739	32,097	19.76	12.62	2,624.6	1,826.74
Q 588 x 300	588	300	12	20	28	288.75	226.7	229.7	294.0	122,509	53,713	20.60	13.64	4,167.0	2,338.03
Q 700 x 300	700	300	13	24	28	353.25	277.4	243.7	350.0	206,406	86,629	24.17	15.66	5,897.1	3,555.30
Q 800 x 300	800	300	14	26	28	401.10	315.0	255.1	400.0	297,859	121,518	27.25	17.41	7,446.3	4,763.91

NOTE :

- h = H/2 = height of T-Beam.
- Tolerance, h = ± 2 mm.
- Material specification refer to Wide Flange Shape.
- Welded specification as per AWS E - 6013.
- Q 700 x 300 and Q 800 x 300 are import product.

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