



METRIC SIZE

SECTION INDEX	STANDARD SECTIONAL DIMENSION					SECTIONAL AREA A	UNIT WEIGHT kg/m	INFORMATIVE REFERENCE					
	DEPTH OF SECTION H	FLANGE WIDTH B	THICKNESS		CORNER RADIUS r			GEOMETRICAL MOMENT OF INERTIA		RADIUS OF GYRATION OF AREA		MODULUS OF SECTION	
			WEB t ₁	FLANGE t ₂				I _x	I _y	i _x	i _y	Z _x	Z _y
mm	mm	mm	mm	mm	mm	cm ²	kg/m	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³
K 150 x 75	150	75	5.0	7	8	35.70	28.0	716	767	4.48	4.64	95.4	99.1
K 200 x 100	200	100	5.5	8	11	54.32	42.6	1,974	2,095	6.03	6.21	197.4	203.9
K 198 x 99	198	99	4.5	7	11	46.36	36.4	1,694	1,778	6.04	6.23	171.1	175.6
K 250 x 125	250	125	6	9	12	75.32	59.2	4,344	4,567	7.59	7.79	347.5	356.9
K 248 x 124	248	124	5	8	12	65.36	51.4	3,765	3,924	7.59	7.75	303.6	310.2
K 300 x 150	300	150	6.5	9	13	93.56	73.4	7,718	8,073	9.08	9.29	514.5	526.9
K 298 x 149	298	149	5.5	8	13	81.60	64.0	6,762	7,024	9.10	9.28	453.8	462.9
K 350 x 175	350	175	7	11	14	126.28	99.2	14,554	15,128	10.75	10.95	831.7	847.5
K 346 x 174	346	174	6	9	14	105.36	82.8	11,892	12,321	10.62	10.62	687.4	700.0
K 400 x 200	400	200	8	13	16	168.24	132.0	25,440	26,519	12.30	12.55	1,272.0	1,299.9
K 396 x 199	396	199	7	11	16	144.32	113.2	21,450	22,267	12.19	12.19	1,083.3	1,105.1
K 450 x 200	450	200	9	14	18	193.52	152.0	35,370	36,851	13.52	13.52	1,572.0	1,605.7
K 500 x 200	500	200	10	16	20	228.40	179.2	49,940	52,189	14.79	15.17	1,997.6	2,046.6
K 600 x 200	600	200	11	17	22	268.80	212.0	79,880	83,229	17.24	17.24	2,662.7	2,724.4
K 588 x 300	588	300	12	20	28	385.00	302.0	127,020	132,585	18.16	18.16	4,320.4	4,419.5
K 700 x 300	700	300	13	24	28	471.00	369.7	211,800	220,791	21.21	21.65	6,051.4	6,193.3
K 800 x 300	800	300	14	26	28	534.80	419.8	303,700	315,027	23.83	24.27	7,592.5	7,740.2

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.
- K 700 x 300 and K 800 x 300 are made from IWF import.

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