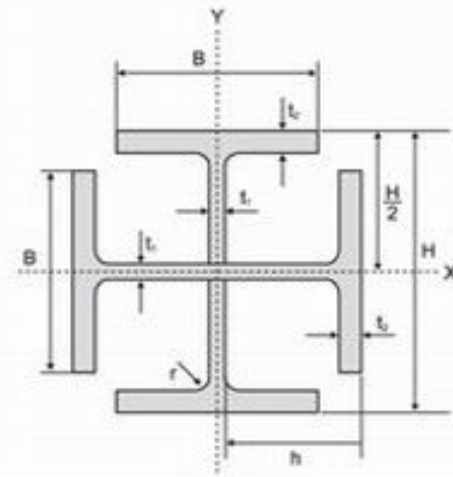
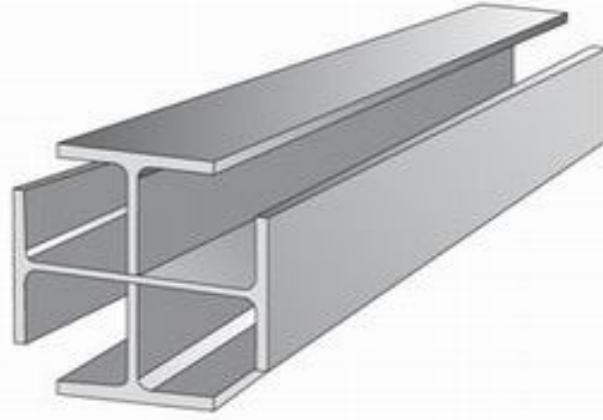


KING CROSS



BEAMS AND COLUMNS

Metric Size

Standard Sectional Dimension						Sectional Area A	Unit Weight	Informative Reference					
Sectional Index	Depth Of Section H	Width Of Section 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 150x75	150	75	5.0	7	8	35.70	28.0	716	767	4.48	4.64	95.4	99.1
K 200x100	200	100	5.8	8	11	54.32	42.6	1,974	2,095	6.03	6.21	197.4	203.9
K 198x99	198	99	4.5	7	11	46.36	36.4	1,694	1,778	6.04	6.23	171.1	175.6
K 250x125	250	125	6	9	12	75.32	59.2	4,344	4,567	7.59	7.79	347.5	356.9
K 248x124	248	124	5	8	12	65.36	51.4	3,765	3,924	7.59	7.75	303.6	310.2
K 300x150	300	150	6.5	9	13	93.56	73.4	7,718	8,073	9.08	9.29	514.5	526.9
K 298x149	298	149	5.5	8	13	81.60	64.0	6,762	7,024	9.10	9.28	453.8	462.9
K 350x175	350	175	7	11	14	126.28	99.2	14,554	15,128	10.75	10.95	831.7	847.5
K 346x174	346	174	6	9	14	105.36	82.8	11,892	12,321	10.62	10.62	687.4	700.0
K 400x200	400	200	8	13	13	168.24	132.0	25,440	26,519	12.30	12.55	1,272.0	1,299.9
K 396x199	396	199	7	11	16	144.32	113.2	21,450	22,267	12.19	12.19	1,083.3	1,105.1
K 450x200	450	200	9	14	18	193.52	152.0	35,370	36,851	13.52	13.52	1,572.0	1,605.7
K 500x200	500	200	10	16	20	228.40	179.2	49,940	52,189	14.79	15.17	1,997.6	2,046.6
K 600x200	600	200	11	11	22	268.80	212.0	79,880	83,229	17.24	17.24	2,662.7	2,724.4
K 588x300	588	300	13	20	28	385.00	302.0	127,020	132,585	18.16	18.16	4,320.4	4,419.5
K 700x300	700	300	13	24	28	471.00	369.7	211,800	220,791	21.21	21.65	6,051.4	6,193.3
K 800x300	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, $h=\pm 2\text{mm}$.
 - Material specification refer to Wide Flange Shape.
 - Welded specification as per AWS E - 6013.
 - K 700x300 and K 800x300 are made from IWF import.