



Corten A/B H/I Beam/ Channel steel

Corten A/B H/I Beam/ Channel steel is according to ASTM standard which with the yield strength of 355MPa and the tensile strength of 470-630MPa. Corten A/B H/I Beam steel is produced from billet castings from blast furnace and hot rolled in a continuous mill for smaller thicknesses and on a four high mill for others. Corten A/B H/I Beam/ Channel steel can be stoked 500 thousand tons in Katalor industry every year.

Corten A/B H/I Beam/ Channel steel Chemical composition(%)

C≤0.12 Si:0.25-0.75 Mn:0.20-0.50 P:0.07-0.15 S≤0.030 Cr:0.50-1.25 Ni≤0.65 Cu:0.25-0.40

Corten A/B H/I Beam/ Channel steel Welding:

Single level butt welding, fillet welding by electric arc welding, and Gas shielded welding.

Corten A/B H/I Beam steel advantages of light steel structure:

One: Cost saving and transportation convenient, custom design available

Two: The main beam and column are made of quality steel

Three: Steel structure makes the house resist heavy wind of 140km/h and 8-grade earthquake

Four: Easy assembly and disassembly several times without damage

Five: Widely used in construction site, office building, dormitory etc.

H BEAM THEORY WEIGHT SCALE			
SIZE (MM)	(kg/m)	SIZE (MM)	(kg/m)
H*B*t1*t2		H*B*t1*t2	
100*50*5*7	9.54	344*348*10*16	115
100*100*6*8	17.2	350*350*12*19	137
125*60*6*8	13.3	388*402*15*15	141
125*125*6.5*9	23.8	390*300*10*16	107
148*100*6*9	21.4	394*398*11*18	147
150*75*5*7	14.3	400*150*8*13	55.8
150*150*7*10	31.9	396*199*7*11	56.7
175*90*5*8	18.2	400*200*8*13	66
175*175*7.5*11	40.3	400*400*13*21	172
194*150*6*9	31.2	400*408*21*21	197
198*99*4.5*7	18.5	414*405*18*28	233
200*100*5.5*8	21.7	428*407*20*35	284
200*200*8*12	50.5	458*417*30*50	415
200*204*12*12	72.28	440*300*11*18	124
244*175*7*11	44.1	446*199*8*12	66.7
244*252*11*11	64.4	450*200*9-14	76.5
248*124*5*8	25.8	482*300*11*15	115
250*125*6*9	29.7	488*300*11*18	129
250*250*9*14	72.4	496*199*9*14	79.5

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250*255*14*14	82.2	498*432*45*70	605
294*200*8*12	57.3	500*200*10*16	89.6
294*302*12*12	85	582*300*12*17	137
298*149*5.5*8	32.6	588*300*12*20	151
300*150*6.5*9	37.3	596*199*10*15	95.1
300*300*10*15	94.5	600*200*11*17	106
300*305*15*15	106	700*300*13*24	185
338*351*13*13	106	792*300*14*22	191
340*250*9*14	79.7	800*300*14*26	210
344*354*16*16	131	890*299*15*23	213
346*174*6*9	41.8	900*300*16*28	243
350*175*7*11	50	912*302*18*34	286

I BEAM THEORY WEIGHT SCALE		
STYLE NO	hxbxd (mm)	(kg/m)
10	100×68×4.5	11.261
12	120×74×5.0	13.987
12.6	126×74×5	14.223
14	140×80×5.5	16.89
16	160×88×6	20.513
18	180×94×6.5	24.143
20a	200×100×7	27.929
20b	200×102×9	31.069
22a	220×110×7.5	33.07
22b	220×112×9.5	36.524
24a	240×116×8	37.477
24b	240×118×10	41.245
25a	250×116×8	38.105
25b	250×118×10	42.03
27a	270×122×8.5	42.825
27b	270×124×10.5	47.064
28a	280×122×8.5	43.492
28b	280×124×10.5	47.888
30a	300×126×9	48.084
30b	300×128×11	52.794
30c	300×130×13	57.504
32a	320×130×9.5	52.717
32b	320×132×11.5	57.741
32c	320×134×13.5	62.765
36a	360×136×10	60.037

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36b	360×138×12	65.689
36c	360×140×14	71.341
40a	400×142×10.5	67.598
40b	400×144×12.5	73.878
40c	400×146×14.5	80.158
45a	450×150×11.5	80.42
45b	450×152×13.5	87.485
45c	450×154×15.5	94.55
50a	500×158×12	93.654
50b	500×160×14	101.504
50c	500×162×16	109.354
55a	550×166×12.5	105.335
55b	550×168×14.5	113.97
55c	550×170×16.5	122.605
56a	560×166×12.5	106.316
56b	560×168×14.5	115.108
56c	560×170×16.5	123.9
63a	630×176×13	121.407
63b	630×178×15	131.298
63c	630×180×17	141.189

Katalor industry can supply Corten A/B H/I Beam/ Channel steel Advantages price and specification, we are steel suppliers and manufacturer, you can contact us to get Corten A/B H/I Beam/ Channel steel Corten A steel Advantages application and other informations. we will reply you at the first time . email ,cell and servicer is ok.



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specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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