



GB/T1591 Q345A I beam /angle/ channel steel on sale

GB/T1591 Q345A I beam /angle/ channel steel decreases the yield value as the thickness of the material increases. And may be less than 345, so when the mechanical design strength must be less than the value of 345, otherwise there will be problems. For the detection of GB/T1591 Q345A I beam /angle/ channel steel, on the one hand whether the element content of steel reaches the national standard requirements, the most important one is through The professional body tests whether the mechanical properties of the steel (yield strength, tensile test) meet the standards.

The application of GB/T1591 Q345A I beam /angle/ channel steel :

GB/T1591 Q345A I beam /angle/ channel steel market price is lower than GB/T1591 Q345B, C, D, E, GB/T1591 Q345A I beam /angle/ channel steel is a low alloy steel, widely used in bridges, vehicles, ships, construction, pressure vessels and so on. Q represents the yield of this material, and the 345 behind it refers to the yield value of this material, which is around 345 MPa. And as the thickness of the material increases its yield value decreases.

The bellow is the channel specification of GB/T1591 Q345A I beam /angle/ channel steel:

C BEAM THEORY WEIGHT SCALE				
STYLE NO	SIZE(MM)			WEIGHT kg/m
	H	B	D	
5	50	37	4.5	5.438
6.3	63	40	4.8	6.634
8	80	43	5	8.045
10	100	48	5.3	10.007
12.6	126	53	5.5	12.318
14a	140	58	6	14.535
14b	140	60	8	16.733
16a	160	63	6.5	17.24
16b	160	65	8.5	19.752
18a	180	68	7	20.174
18b	180	70	9	23
20a	200	73	7	22.637
20b	200	75	9	25.777
22a	220	77	7	24.999
22b	220	79	9	28.453
25a	250	78	7	27.41
25b	250	80	9	31.335
25c	250	82	11	35.26
28a	280	82	7.5	31.427
28b	280	84	9.5	35.823
28c	280	86	11.5	40.219

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32a	320	90	8	38.083
32b	320	88	10	43.107
32c	320	90	12	48.131
36a	360	92	9	47.814
36b	360	96	11	5.466
36c	360	98	13	59.118
40a	400	100	10.5	58.928
40b	400	102	12.5	65.208
40c	400	104	14.5	71.488
-6.5	65	40	4.3	6.709
-12	120	53	5.5	12.059
(24a)	240	78	7	26.86
(24b)	240	80	9	30.628
(24c)	240	82	11	34.396
(27a)	270	82	7.5	30.838
(27b)	270	84	9.5	35.077
(27c)	270	86	11.5	39.316
(30a)	300	85	7.5	34.463
(30b)	300	87	9.5	39.173

The latest standard of Q345 GB/T 1591-2008 Compared with the old standard, the most obvious one is the change of the Mn element content, corrected from the original 1.0-1.60 to  $\leq 1.70$ , and the minimum limit has been removed. GB/T1591 Q345A I beam /angle/ channel steel Can be produced by katalor with very good quality and price. welcome to send inquiry of GB/T1591 Q345A I beam /angle/ channel steel to send us.



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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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