



# PRODUCTS MANUAL

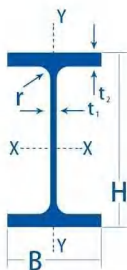
SINCE 1993

# 产品手册

# H型钢

## Steel H-Beam

中国标准 Chinese Standard: GB/T 11263  
 材质 Grade: Q235B/Q355B/Q355C/Q355D  
 标准长度 Length: 12m



H-腹板高度  
 B-翼缘宽度  
 t<sub>1</sub>-腹板厚度  
 t<sub>2</sub>-翼缘厚度  
 r-圆角

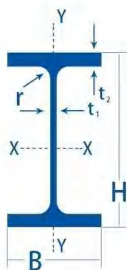


类别 Designation	型号 Model Height x Width Depth x Width	截面尺寸 Size mm				1998标 理论重量 Mass kg/m	2017标 理论重量 Mass kg/m	截面面积 Section Area cm <sup>2</sup>	惯性矩 Moment of Inertia cm <sup>4</sup>		惯性半径 Radius of Inertia cm		截面模数 Section Modulus cm <sup>3</sup>	
		H x B	t <sub>1</sub>	t <sub>2</sub>	r				I <sub>x</sub>	I <sub>y</sub>	i <sub>x</sub>	i <sub>y</sub>	W <sub>x</sub>	W <sub>y</sub>
HN 窄 翼 缘 H 型 钢	100x50	100x50*	5	7	8	9.54	9.30	11.84	187	14.8	3.97	1.11	37.5	5.91
	125x60	125x60*	6	8	8	13.3	13.1	16.68	409	29.1	4.95	1.32	65.4	9.71
	150x75	150x75	5	7	8	14.3	14	17.84	666	49.5	6.1	1.66	88.8	13.2
	175x90	175x90	5	8	8	18.2	18	22.89	1210	97.5	7.25	2.06	138	21.7
	200x100	198x99	4.5	7	8	18.5	17.8	22.68	1540	113	8.24	2.23	156	22.9
		200x100	5.5	8	8	21.7	20.9	26.66	1810	134	8.22	2.23	181	26.7
	250x125	248x124	5	8	8	25.8	25.1	31.98	3450	255	10.4	2.82	278	41.1
		250x125	6	9	8	29.7	29	36.96	3960	294	10.4	2.81	317	47
	300x150	298x149	5.5	8	13	32.6	32	40.8	6320	442	12.4	3.29	424	59.3
		300x150	6.5	9	13	37.3	36.7	46.78	7210	508	12.4	3.29	481	67.7
	350x175	346x174	6	9	13	41.8	41.2	52.45	11000	791	14.5	3.88	638	91
		350x175	7	11	13	50	49.4	62.91	13500	984	14.6	3.95	771	112
	400x150	400x150*	8	13	13	55.8	55.2	70.37	18600	734	16.3	3.22	929	97.8
	400x200	396x199	7	11	13	56.7	56.1	71.41	19800	1450	16.6	4.5	999	145
		400x200	8	13	13	66	65.4	83.37	23500	1740	16.8	4.56	1170	174
	450x200	446x199	8	12	13	66.7	65.1	82.97	28100	1580	18.4	4.36	1260	159
		450x200	9	14	13	76.5	74.9	95.43	32900	1870	18.6	4.42	1460	187
	500x200	496x199	9	14	13	79.5	77.9	99.29	40800	1840	20.3	4.3	1650	185
		500x200	10	16	13	89.6	88.1	112.3	46800	2140	20.4	4.36	1870	214
	550x200	506x201*	11	19	13	103	102	129.3	55800	2580	20.7	4.46	2190	257
		550x200	10	16	13	\	92	117.3	58200	2140	22.3	4.27	2120	214
	600x200	596x199	10	15	13	95.1	92.4	117.8	66600	1980	23.8	4.09	2240	199
		600x200	11	17	13	106	103	131.7	75600	2270	24	4.15	2520	227
		606x201*	12	20	13	120	118	149.8	88300	2720	24.3	4.25	2910	270
625x200	630x200*	15	20	18	\	170	133	101000	2690	24.4	3.97	3220	268	
650x300	650x300*	13	20	18	\	159	202.1	146000	9010	26.9	6.67	4500	601	
700x300	692x300	13	20	18	166	163	211.5	168000	9020	28.5	6.59	4870	601	
	700x300	13	24	18	185	182	235.5	197000	10800	29.2	6.83	5640	721	
750x300	750x300	13	24	18	\	187	238	231000	10800	31.1	6.74	6150	721	
800x300	792x300*	14	22	18	191	188	239.5	248000	9920	32.2	6.43	6270	661	
	800x300	14	26	18	210	207	263.5	286000	11700	33	6.66	7160	781	
900x300	890x299*	15	23	18	213	210	266.9	339000	10300	35.6	6.2	7610	687	
	900x300	16	28	18	243	240	305.8	404000	12600	36.4	6.42	8990	842	
1000x300	912x302*	18	34	18	286	283	360.1	491000	15700	36.9	6.59	10800	1040	
	1000x300	19	36	18	\	310	395.1	634000	16300	40.1	6.41	12700	1080	

# H型钢

## Steel H-Beam

中国标准 Chinese Standard: GB/T 11263  
 材质 Grade: Q235B/Q355B/Q355C/Q355D  
 标准长度 Length: 12m



H-腹板高度  
 B-翼缘宽度  
 t<sub>1</sub>-腹板厚度  
 t<sub>2</sub>-翼缘厚度  
 r-圆角



类别 Designation	型号 Model Height x Width	截面尺寸 Size mm					1998标 理论重量 Mass kg/m	2017标 理论重量 Mass kg/m	截面面积 Section Area cm <sup>2</sup>	惯性矩 Moment of Inertia cm <sup>4</sup>		惯性半径 Radius of Inertia cm		截面模数 Section Modulus cm <sup>3</sup>	
		H x B	t <sub>1</sub>	t <sub>2</sub>	r	I <sub>x</sub>				I <sub>y</sub>	i <sub>x</sub>	i <sub>y</sub>	W <sub>x</sub>	W <sub>y</sub>	
HM 中 翼 缘 H 型 钢	150x100	148x100	6	9	8	21.4	20.7	26.34	1000	150	6.16	2.38	135	30.1	
	200x150	194x150	6	9	8	31.2	29.9	38.1	2630	507	8.3	3.64	271	67.6	
	250x175	244x175	7	11	13	44.1	43.6	55.49	6040	984	10.4	4.21	495	112	
	300x200	294x200	8	12	13	57.3	55.8	71.05	11100	1600	12.5	4.74	756	160	
		298x201	9	14	13	\	64.4	82.03	13100	1900	12.6	4.8	878	189	
	350x250	340x250	9	14	13	79.7	78.1	99.53	21200	3650	14.6	6.05	1250	292	
	400x300	390x300	10	16	13	107	105	133.3	37900	7200	16.9	7.35	1940	480	
		440x300	11	18	13	124	121	153.9	54700	8110	18.9	7.25	2490	540	
	500x300	482x300	11	15	13	115	111	141.2	58300	6760	20.3	6.91	2420	450	
		488x300	11	18	13	129	125	159.2	68900	8110	20.8	7.13	2820	540	
	550x300	550x300*	11	18	13	\	130	166	89800	8110	23.3	6.98	3270	540	
		582x300	12	17	13	137	133	169.2	103000	7670	24.3	6.63	3530	511	
600x300	588x300	12	20	13	151	147	187.2	118000	9020	24.8	6.85	4020	601		
	594x302*	14	23	13	175	170	217.1	137000	10600	24.9	6.9	4620	701		
HW 宽 翼 缘 H 型 钢	100x100	100x100	6	8	8	17.2	16.9	21.58	378	134	4.18	2.48	75.6	26.7	
	125x125	125x125	6.5	9	8	23.8	23.6	30	839	293	5.28	3.12	134	46.9	
	150x150	150x150	7	10	8	31.9	31.1	39.64	1620	563	6.39	3.76	216	75.1	
	175x175	175x175	7.5	11	13	40.4	40.4	51.42	2900	984	7.5	4.37	331	112	
		200x200	200x200	8	12	13	50.5	49.9	63.53	4720	1600	8.61	5.02	472	160
	200x200	200x204	12	12	13	56.7	56.2	71.53	4980	1700	8.34	4.87	498	167	
		244x252*	11	11	13	\	63.8	81.31	8700	2940	10.3	6.01	713	233	
	250x250	250x250	9	14	13	72.4	71.8	91.43	10700	3650	10.8	6.31	860	292	
		250x255	14	14	13	82.2	81.6	103.9	11400	3880	10.5	6.1	912	304	
	294x302*	294x302*	12	12	13	85	83.5	106.3	16600	5510	12.5	7.2	1130	365	
		300x300	300x300	10	15	13	94.5	93	118.5	20200	6750	13.1	7.55	1350	450
	300x300	300x305	15	15	13	106	105	133.5	21300	7100	12.6	7.29	1420	466	
		338x351*	13	13	13	\	105	133.3	27700	9380	14.4	8.38	1640	534	
	344x348*	344x348*	10	16	13	115	113	144.0	32800	11200	15.1	8.83	1910	646	
		344x354*	16	16	13	\	129	164.7	34900	11800	14.6	8.48	2030	669	
	350x350	350x350	12	19	13	137	135	171.9	39800	13600	15.2	8.88	2280	776	
		350x357*	19	19	13	154	154	196.4	42300	14400	14.7	8.57	2420	808	
	388x402*	388x402*	15	15	22	141	140	179.2	49000	16300	16.6	9.54	2520	809	
		394x398*	11	18	22	147	147	187.6	56100	18900	17.3	10.1	2850	951	
	394x405	394x405	18	18	22	\	168	214.4	59700	20000	16.7	9.64	3030	985	
400x400		13	21	22	172	172	219.5	66600	22400	17.5	10.1	3330	1120		
400x400	400x408	21	21	22	197	197	251.5	70900	23800	16.8	9.74	3540	1170		
	414x405*	18	28	22	233	232	296.2	92800	31000	17.7	10.2	4480	1530		
428x407*	20	35	22	284	283	361.4	119000	39400	18.2	10.4	5570	1930			

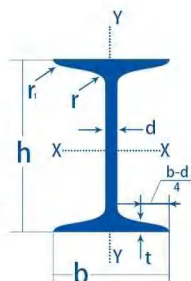
# 工字钢

## Steel I-Beam

中国标准 Chinese Standard: GB/T 706

材质 Grade: Q235B/Q355B/Q355C/Q355D

标准长度 Length: 6m/12m



h-高度  
b-腿宽度  
d-腰厚度  
t-平均腿厚度  
r-内圆半径  
r1-腿端圆半径

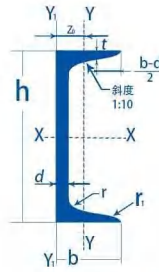


型号 Designation	截面尺寸 Size mm						理论重量 Mass kg/m	截面面积 Section Area cm <sup>2</sup>	惯性矩 Moment of Inertia cm <sup>4</sup>		惯性半径 Radius of Inertia cm		截面模数 Section Modulus cm <sup>3</sup>	
	h	b	d	t	r	r1			I <sub>x</sub>	I <sub>y</sub>	i <sub>x</sub>	i <sub>y</sub>	W <sub>x</sub>	W <sub>y</sub>
8	80	50	4.5	6.5	6	2.5	7.52	9.58	99	12.8	3.21	1.18	24.8	4.9
10	100	68	4.5	7.6	6.5	3.4	11.261	14.345	245	33	4.14	1.52	49	9.72
12	120	74	5	8.4	7	3.5	13.987	17.818	436	46.9	4.95	1.62	72.7	12.7
14	140	80	5.5	9.1	7.5	3.8	16.89	21.516	712	64.4	5.76	1.73	102	16.1
16	160	88	6	9.9	8	4	20.513	26.131	1130	93.1	6.58	1.89	141	21.2
18	180	94	6.5	10.7	8.5	4.3	24.143	30.756	1660	122	7.36	2	185	26
20a	200	100	7	11.4	9	4.5	27.929	35.578	2370	158	8.15	2.12	237	31.5
20b	200	102	9	11.4	9	4.5	31.069	39.578	2500	169	7.96	2.06	250	33.1
22a	220	110	7.5	12.3	9.5	4.8	33.07	42.128	3400	225	8.99	2.31	309	40.9
22b	220	112	9.5	12.3	9.5	4.8	36.524	46.528	3570	239	8.78	2.27	325	42.7
25a	250	116	8	13	10	5	38.105	48.541	5020	280	10.2	2.4	402	48.3
25b	250	118	10	13	10	5	42.03	53.541	5280	309	9.94	2.4	423	52.4
28a	280	122	8.5	13.7	10.5	5.3	43.492	55.404	7110	345	11.3	2.5	508	56.6
28b	280	124	10.5	13.7	10.5	5.3	47.888	61.004	7480	379	11.1	2.49	534	61.2
30a	300	126	9	14.4	11	5.5	48.084	61.254	8950	400	12.1	2.55	597	63.5
30b	300	128	11	14.4	11	5.5	52.794	67.254	9400	422	11.8	2.5	627	65.9
30特	300	128	12	20	12	5.5	64.58	82.4	11800	704	12	2.92	787	110
32a	320	130	9.5	15	11.5	5.8	52.717	67.156	11100	460	12.8	2.62	692	70.8
32b	320	132	11.5	15	11.5	5.8	57.741	73.556	11600	502	12.6	2.61	726	76
36a	360	136	10	15.8	12	6	60.037	76.48	15800	552	14.4	2.69	875	81.2
36b	360	138	12	15.8	12	6	65.689	83.68	16500	582	14.1	2.64	919	84.3
40a	400	142	10.5	16.5	12.5	6.3	67.598	86.112	21700	660	15.9	2.77	1090	93.2
40b	400	144	12.5	16.5	12.5	6.3	73.878	94.112	22800	692	15.6	2.71	1140	96.2
45a	450	150	11.5	18	13.5	6.8	80.42	102.446	22200	855	17.7	2.89	1430	114
45b	450	152	13.5	18	13.5	6.8	87.485	111.446	33800	894	17.4	2.84	1500	118
56a	560	166	12.5	21	14.5	7.3	106.316	135.435	65600	1370	22	3.18	2340	165
56b	560	168	14.5	21	14.5	7.3	115.108	146.635	68500	1490	21.6	3.16	2450	174
63a	630	176	13	22	15	7.5	121.407	154.658	93900	1700	24.5	3.31	2980	193
63b	630	178	15	22	15	7.5	131.298	167.258	98100	1810	24.2	3.29	3160	204
12.6*	126	74	5	8.4	7	3.5	14.223	18.118	488	46.9	5.2	1.61	77.5	12.7
24a*	240	116	8	13	10	5	37.477	47.741	4570	280	9.77	2.42	381	48.4
24b*	240	118	10	13	10	5	41.245	52.541	4800	297	9.57	2.38	400	50.4
27a*	270	122	8.5	13.7	10.5	5.3	42.825	54.554	6550	345	10.9	2.51	485	56.6
27b*	270	124	10.5	13.7	10.5	5.3	47.064	59.954	6870	366	10.7	2.47	509	58.9
30c*	300	130	13	14.4	11	5.5	57.504	73.254	9850	445	11.6	2.46	657	68.5
32c*	320	134	13.5	15	11.5	5.8	62.765	79.956	12200	544	12.3	2.61	760	81.2
36c*	360	140	14	15.8	12	6	71.341	90.88	17300	612	13.8	2.6	962	87.4
40c*	400	146	14.5	16.5	12.5	6.3	80.158	102.112	23900	727	15.2	2.65	1190	99.6
45c*	450	154	15.5	18	13.5	6.8	94.55	120.446	35300	938	17.1	2.79	1570	122
50a*	500	158	12	20	14	7	93.654	119304	46500	1120	19.7	3.07	1860	142
50b*	500	160	14	20	14	7	101.5	129.304	48600	1170	19.4	3.01	1940	146
50c*	500	162	16	20	14	7	109.35	139.304	50600	1220	19	2.96	2080	151
55a*	550	168	12.5	21	14.5	7.3	105.34	134.185	62900	1370	21.6	3.19	2290	164
55b*	550	168	14.5	21	14.5	7.3	113.97	145.185	65600	1420	21.2	3.14	2390	170
55c*	550	170	16.5	21	14.5	7.3	122.61	156.185	68400	1480	20.9	3.08	2490	175
56c*	560	170	16.5	21	14.5	7.3	123.9	157.835	71400	1560	21.3	3.16	2550	183
63c*	630	180	17	22	15	7.5	141.189	179.858	102000	1920	23.8	3.27	3300	214

# 槽钢

## Steel Channel

中国标准 Chinese Standard: GB/T 706  
 材质 Grade: Q235B/Q355B/Q355C/Q355D  
 标准长度 Length: 6m/12m



h-高度  
 b-腿宽度  
 d-腰厚度  
 t-平均腿厚度  
 r-内圆弧半径  
 r1-腿端圆弧半径  
 Z<sub>0</sub>-yy轴与y<sub>1</sub>y<sub>2</sub>轴间距离



型号 Designation	截面尺寸 Size mm						理论重量 Mass kg/m	截面面积 Section Area cm <sup>2</sup>	惯性矩 Moment of Inertia cm <sup>4</sup>		惯性半径 Radius of Inertia cm		截面模数 Section Modulus cm <sup>3</sup>		重心 距离 Centroid Z0 cm
	h	b	d	t	r	r1			I <sub>x</sub>	I <sub>y</sub>	i <sub>x</sub>	i <sub>y</sub>	W <sub>x</sub>	W <sub>y</sub>	
5	50	37	4.5	7	7	3.5	5.438	6.928	26	8.3	1.94	1.1	10.4	3.55	1.35
6.3	63	40	4.8	7.5	7.5	3.8	6.634	8.451	50.8	11.9	2.45	1.19	16.1	4.5	1.36
8	80	43	5	8	8	4	8.045	10.248	101	16.6	3.15	1.27	25.3	5.79	1.43
10	100	48	5.3	8.5	8.5	4.2	10.007	12.748	198	25.6	3.95	1.41	39.7	7.8	1.52
12	120	53	5.5	9	9	4.5	12.059	15.362	346	37.4	4.75	1.56	57.7	10.2	1.62
14a	140	58	6	9.5	9.5	4.8	14.535	18.516	564	53.2	5.52	1.7	80.5	13	1.71
14b	140	60	8	9.5	9.5	4.8	16.733	21.316	609	61.1	5.35	1.69	87.1	14.1	1.67
16a	160	63	6.5	10	10	5	17.24	21.962	866	73.3	5.28	1.83	108	16.3	1.8
16b	160	65	8.5	10	10	5	19.752	25.162	935	83.4	6.1	1.82	117	17.6	1.75
18a	180	68	7	10.5	10.5	5.2	20.174	25.699	1270	98.6	7.04	1.96	141	20	1.88
18b	180	70	9	10.5	10.5	5.2	23	29.299	1370	111	6.84	1.95	152	21.5	1.84
20a	200	73	7	11	11	5.5	22.637	28.837	1780	128	7.86	2.11	178	24.2	2.01
20b	200	75	9	11	11	5.5	25.777	32.837	1910	144	7.64	2.09	191	25.9	1.95
22a	220	77	7	11.5	11.5	5.8	24.999	31.846	2390	158	8.67	2.23	218	28.2	2.1
22b	220	79	9	11.5	11.5	5.8	28.453	36.246	2570	176	8.42	2.21	234	30.1	2.03
25a	250	78	7	12	12	6	27.41	34.917	3370	176	9.82	2.24	270	30.6	2.07
25b	250	80	9	12	12	6	31.335	39.917	3530	196	9.41	2.22	282	32.7	1.98
28a	280	82	7.5	12.5	12.5	6.2	31.427	40.034	4760	218	10.9	2.33	340	35.7	2.1
28b	280	84	9.5	12.5	12.5	6.2	35.823	45.634	5130	242	10.6	2.3	366	37.9	2.02
30a	300	85	7.5	13.5	13.5	6.8	34.463	43.902	6050	260	11.7	11.7	403	41.1	2.17
30b	300	87	9.5	13.5	13.5	6.8	39.173	49.902	6500	289	11.4	11.4	433	44	2.13
32a	320	88	8	14	14	7	38.083	48.513	7600	305	12.5	2.5	475	46.5	2.24
32b	320	90	10	14	14	7	43.107	54.913	8140	336	12.2	2.47	509	49.2	2.16
36a	360	96	9	16	16	8	47.814	60.91	11900	455	14	2.73	660	63.5	2.44
36b	360	98	11	16	16	8	53.466	68.11	12700	497	13.6	2.7	703	66.9	2.37
40a	400	100	10.5	18	18	9	58.928	75.068	17600	592	15.3	2.81	879	78.8	2.49
40b	400	102	12.5	18	18	9	65.208	83.068	18600	640	15	2.78	932	82.5	2.44
12.5*	125	65	6	8	8	4	13.4	17.110	425	65.5	4.99	1.96	68	14.4	1.63
12.6*	126	53	5.5	9	9	4.5	12.318	15.692	391	38	4.95	1.57	62.1	10.2	1.59
15*	150	75	6.5	10	10	5	18.62	23.71	864	122	6.04	2.27	115	23.6	2.1
25c*	250	82	11	12	12	6	35.26	44.917	3690	218	9.07	2.21	295	35.9	1.92
28c*	280	86	11.5	12.5	12.5	6.2	40.219	51.234	5500	268	10.4	2.29	393	40.3	1.95
30c*	300	89	11.5	13.5	13.5	6.8	43.883	55.902	6950	316	11.2	2.38	463	46.4	2.09
32c*	320	92	12	14	14	7	48.131	61.313	8690	374	11.9	2.47	543	52.6	2.09
36c*	360	100	13	16	16	8	59.118	73.31	13400	536	13.4	2.67	746	70	2.34
40c*	400	104	14.5	18	18	9	71.488	91.068	19700	688	14.7	2.78	986	86.2	2.42

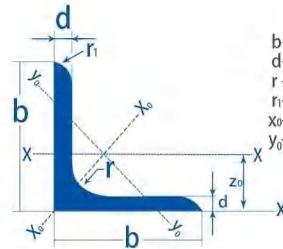
# 等边角钢

## Steel Equal-Angle

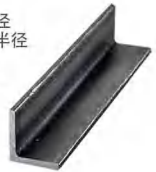
中国标准 Chinese Standard: GB/T 706

材质 Grade: Q235B/Q355B/Q355C/Q355D

标准长度 Length: 6m/12m



b-短边宽度  
d-边厚度  
r-内圆弧半径  
r<sub>1</sub>-外圆弧半径  
X<sub>0</sub>-重心距离  
Y<sub>0</sub>-重心距离

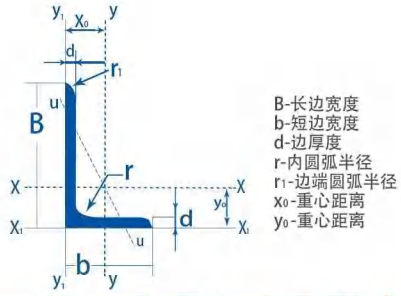


型号 Designation	截面尺寸 Size mm			理论重量 Mass kg/m	截面面积 Section Area cm <sup>2</sup>	外表面积 Surface Area m <sup>2</sup> /m	惯性矩 Moment of Inertia cm <sup>4</sup>				截面模数 Section Modulus cm <sup>3</sup>			重心 距离 Centroid Z <sub>0</sub> cm			
	b	d	r				I <sub>x</sub>	I <sub>x1</sub>	I <sub>y</sub>	I <sub>y1</sub>	i <sub>x</sub>	i <sub>x0</sub>	i <sub>y0</sub>		W <sub>x</sub>	W <sub>x0</sub>	W <sub>y0</sub>
30x30	3	4.5	1.373	1.749	0.117	1.46	2.71	2.31	0.61	0.91	1.15	0.59	0.68	1.09	0.51	0.85	
	4	4.5	1.786	2.276	0.117	1.84	3.63	2.92	0.77	0.9	1.13	0.58	0.87	1.37	0.62	0.89	
	3	5	1.852	2.359	0.157	3.59	6.41	5.69	1.49	1.23	1.55	0.79	1.23	2.01	0.96	1.09	
40x40	4	5	2.422	3.086	0.157	4.6	8.56	7.29	1.91	1.22	1.54	0.79	1.6	2.58	1.19	1.13	
	5	5	2.976	3.791	0.156	5.53	10.74	8.76	2.3	1.21	1.52	0.78	1.96	3.1	1.39	1.17	
45x45	5	5	3.369	4.292	0.176	8.04	15.2	12.74	3.33	1.37	1.72	0.88	2.51	4	1.81	1.3	
	4	5.5	3.059	3.897	0.197	9.26	16.69	14.7	3.82	1.54	1.94	0.99	2.56	4.16	1.96	1.38	
50x50	5	5.5	3.77	4.803	0.196	11.21	20.9	17.79	4.64	1.53	1.92	0.98	3.13	5.03	2.31	1.42	
	6	5.5	4.465	5.688	0.196	13.05	25.14	20.68	5.42	1.52	1.91	0.98	3.68	5.85	2.63	1.46	
	5	6.5	4.576	5.829	0.236	19.89	36.05	31.57	8.21	1.85	2.33	1.19	4.59	7.44	3.48	1.67	
60x60	6	6.5	5.427	6.914	0.235	23.25	43.33	36.89	9.6	1.83	2.31	1.18	5.41	8.7	3.98	1.7	
	8	6.5	7.081	9.02	0.235	29.47	58.02	46.66	12.28	1.81	2.27	1.17	6.98	11	4.88	1.78	
	5	7	4.822	6.143	0.248	23.17	41.73	36.77	9.57	1.94	2.45	1.25	5.08	8.25	3.9	1.74	
63x63	6	7	5.721	7.288	0.247	27.12	50.14	43.03	11.2	1.93	2.43	1.24	6	9.66	4.46	1.78	
	8	7	7.469	9.515	0.247	34.46	67.11	54.56	14.33	1.93	2.4	1.23	7.75	12.25	5.47	1.85	
	5	8	5.397	6.875	0.275	32.21	57.21	51.08	13.31	2.16	2.73	1.39	6.32	10.32	4.95	1.91	
70x70	6	8	6.406	8.16	0.275	37.77	68.73	59.93	15.61	2.15	2.71	1.38	7.48	12.12	5.67	1.95	
	7	8	7.398	9.424	0.275	43.09	80.29	68.35	17.82	2.14	2.69	1.38	8.59	13.81	6.34	1.99	
	8	8	8.373	10.667	0.274	48.17	91.92	76.37	19.98	2.12	2.68	1.37	9.68	15.43	6.98	2.03	
75x75	5	9	5.818	7.412	0.295	39.97	70.56	63.3	16.63	2.33	2.92	1.5	7.32	11.94	5.77	2.04	
	6	9	6.905	8.797	0.294	46.95	84.55	74.38	19.51	2.31	2.9	1.49	8.64	14.02	6.67	2.07	
	7	9	7.976	10.16	0.294	53.57	98.71	84.96	22.18	2.3	2.89	1.48	9.93	16.02	7.44	2.11	
80x80	8	9	9.03	11.503	0.294	59.96	112.97	95.07	24.86	2.28	2.88	1.47	11.2	17.93	8.19	2.15	
	9	9	11.089	14.126	0.293	71.98	141.71	113.92	30.05	2.26	2.84	1.46	13.64	21.48	9.56	2.22	
	5	9	6.211	7.912	0.315	48.79	85.36	77.33	20.25	2.48	3.13	1.6	8.34	13.67	6.66	2.15	
80x80	6	9	7.376	9.397	0.314	57.35	102.5	90.98	23.72	2.47	3.11	1.59	9.67	16.08	7.65	2.19	
	8	9	9.658	12.303	0.314	73.49	136.97	116.6	30.39	2.44	3.08	1.57	12.83	20.61	9.46	2.27	
	10	9	11.874	15.126	0.313	88.43	171.74	140.09	36.77	2.42	3.04	1.56	15.64	24.76	11.08	2.35	
90x90	6	10	8.35	10.637	0.354	82.77	145.87	131.26	34.28	2.79	3.51	1.8	12.61	20.63	9.95	2.44	
	8	10	10.946	13.944	0.353	106.47	194.8	168.97	43.97	2.76	3.48	1.78	16.42	26.55	12.35	2.52	
	9	10	12.219	15.566	0.353	117.72	219.39	186.77	48.66	2.75	3.46	1.77	18.27	29.35	13.46	2.56	
100x100	10	10	13.476	17.167	0.353	128.58	244.07	203.9	53.26	2.74	3.45	1.76	20.07	32.04	14.52	2.59	
	6	12	9.366	11.932	0.393	114.95	200.07	181.98	47.92	3.1	3.9	2	15.68	25.74	12.69	2.67	
	8	12	12.276	15.638	0.393	148.24	267.09	235.07	61.41	3.08	3.88	1.98	20.47	33.24	15.75	2.76	
100x100	10	12	15.12	19.261	0.392	179.51	334.48	284.68	74.35	3.05	3.84	1.96	25.06	40.26	18.54	2.84	
	12	12	17.898	22.8	0.391	208.9	402.34	330.95	86.84	3.03	3.81	1.95	29.48	46.8	21.08	2.91	
	8	12	13.535	17.238	0.433	199.46	355.2	316.49	82.42	3.4	4.28	2.19	24.95	40.69	19.39	3.01	
110x110	110	12	16.69	21.261	0.432	242.19	444.65	384.39	99.98	3.38	4.25	2.17	30.6	49.42	22.91	3.09	
	12	12	19.782	25.2	0.431	282.55	534.6	448.17	116.93	3.35	4.22	2.15	36.05	57.62	26.15	3.16	
	8	14	15.504	19.75	0.492	297.03	521.01	470.89	123.16	3.88	4.88	2.5	32.52	53.28	28.86	3.37	
125x125	125	10	14	19.133	24.373	0.491	361.67	651.93	573.89	149.46	3.85	4.85	2.48	39.97	64.93	30.62	3.43
	12	14	22.966	28.912	0.491	423.16	783.42	671.44	174.88	3.83	4.82	2.46	41.17	75.96	35.03	3.53	
	10	14	21.488	27.373	0.551	514.65	915.11	817.27	212.04	4.34	5.46	2.78	50.58	82.56	39.2	3.82	
140x140	140	12	25.522	32.512	0.551	603.68	1099.28	958.79	248.57	4.31	5.43	2.76	59.8	96.85	45.02	3.9	
	14	14	29.49	37.567	0.55	688.81	1284.22	1093.56	284.05	4.28	5.4	2.75	58.75	110.47	50.45	3.98	
	12	14	27.406	34.912	0.591	748.85	1351.26	1189.97	307.73	4.63	5.84	2.97	69.04	112.19	52.98	4.16	
150x150	150	14	31.688	40.367	0.59	855.64	1578.25	1359.3	351.98	4.6	5.8	2.95	79.45	128.16	58.83	4.23	
	15	14	33.804	43.063	0.59	907.39	1692.1	1441.09	373.69	4.59	5.78	2.95	84.56	135.87	61.9	4.27	
	16	14	35.905	45.739	0.589	958.08	1806.21	1521.02	395.14	4.58	5.77	2.94	89.59	143.4	64.89	4.31	
160x160	160	10	16	24.729	31.502	0.63	779.53	1365.33	1237.3	321.76	4.98	6.27	3.2	66.7	109.36	52.76	4.3
	12	16	29.391	37.441	0.63	916.58	1639.57	1455.68	377.49	4.95	6.24	3.18	78.98	128.67	60.74	4.39	
	14	16	33.987	43.296	0.629	1048.36	1914.68	1665.02	431.7	4.92	6.2	3.16	90.95	147.17	68.24	4.47	
180x180	180	16	38.518	49.067	0.629	1175.08	2190.82	1865.57	484.59	4.89	6.17	3.14	102.63	164.89	75.31	4.55	
	14	16	38.383	48.896	0.709	1514.48	2723.48	2407.42	621.53	5.56	7.02	3.56	116.25	189.14	88.38	4.97	
	16	16	43.542	55.467	0.709	1700.99	3115.29	2703.37	698.6	5.54	6.98	3.55	131.13	212.4	97.83	5.05	
200x200	200	18	48.634	61.055	0.708	1875.12	3502.43	2988.24	762.01	5.5	6.94	3.51	145.64	234.78	106.14	5.13	
	14	18	42.894	54.642	0.788	2103.55	3734.1	3343.26	869.83	5.2	7.82	3.98	144.7	236.4	111.82	5.46	
	16	18	48.68	62.013	0.788	2366.15	4270.39	3760.89	971.41	6.18	7.79	3.96	163.65	265.93	123.96	5.54	
200x200	20	18	54.401	69.301	0.787	2620.64	4808.13	4164.54	1076.74	6.15	7.75	3.94	182.22	294.48	135.52	5.62	
	20	18	60.056	76.505	0.787	2867.3	5347.51	4554.55	1100.04	6.12	7.72	3.93	200.42	322.06	146.55	5.69	
	24	18	71.168	90.661	0.785	3338.25	6457.16	5294.97	1381.53	6.07	7.64	3.9	236.17	374.41	166.65	5.87	

# 不等边角钢

## Steel Unequal-Angle

中国标准 Chinese Standard: GB/T 706  
 材质 Grade: Q235B/Q355B/Q355C/Q355D  
 标准长度 Length: 6m/12m



B-长边宽度  
 b-短边宽度  
 d-边厚度  
 r-内圆弧半径  
 $r_1$ -边端圆弧半径  
 $X_0$ -重心距离  
 $Y_0$ -重心距离

型号 Designation	截面尺寸 Size mm				理论重量 Mass kg/m	截面积 Section Area cm <sup>2</sup>	外表面积 Surface Area m <sup>2</sup> /m	惯性矩 Moment of Inertia cm <sup>4</sup>					惯性半径 Radius of Inertia cm			截面模数 Section Modulus cm <sup>3</sup>			重心距离 Centroid cm	
	B	b	d	r				I <sub>x</sub>	I <sub>x1</sub>	I <sub>y</sub>	I <sub>y1</sub>	I <sub>u</sub>	i <sub>x</sub>	i <sub>y0</sub>	i <sub>u</sub>	W <sub>x</sub>	W <sub>y</sub>	W <sub>u</sub>	X <sub>0</sub>	Y <sub>0</sub>
50x32	50	32	3	5.5	1.908	2.431	0.161	6.24	12.5	2.02	3.31	1.2	1.6	0.91	0.7	1.84	0.82	0.68	0.73	1.6
			4		2.494	3.177	0.16	8.02	16.7	2.58	4.45	1.53	1.59	0.9	0.69	2.39	1.06	0.87	0.77	1.65
56x36	56	36	4	6	2.818	3.59	0.18	11.5	23.4	3.76	6.33	2.23	1.79	1.02	0.79	3.03	1.37	1.13	0.85	1.82
			5		3.466	4.415	0.18	13.9	29.3	4.49	7.94	2.67	1.77	1.01	0.78	3.71	1.65	1.36	0.88	1.87
63x40	63	40	5	7	3.92	4.993	0.202	20	41.6	6.31	10.9	3.76	2	1.12	0.87	4.74	2.07	1.71	0.95	2.08
			6		4.638	5.908	0.201	23.4	50	7.29	13.1	4.34	1.96	1.11	0.86	5.59	2.43	1.99	0.99	2.12
75x50	75	50	6	8	5.699	7.26	0.245	41.1	84.3	14.7	25.4	8.54	2.38	1.42	1.08	8.12	3.88	3.19	1.21	2.44
			8		7.431	9.467	0.244	52.4	113	18.5	34.2	10.9	2.35	1.4	1.07	10.5	4.99	4.1	1.29	2.52
90x56	90	56	7	9	9.098	11.59	0.244	52.7	141	22	43.4	13.1	2.33	1.38	1.06	12.8	6.04	4.99	1.36	2.6
			9		5.661	7.212	0.287	60.5	121	18.3	29.5	11	2.9	1.59	1.28	9.92	4.21	3.49	1.25	2.91
100x63	100	63	8	10	6.717	8.557	0.286	71	146	21.4	35.6	12.9	2.88	1.58	1.23	11.7	4.96	4.13	1.29	2.95
			9		7.756	9.881	0.286	81	170	24.4	41.7	14.7	2.86	1.57	1.22	18.5	5.7	4.72	1.33	3
100x80	100	80	8	10	8.779	11.18	0.285	91	194	27.2	47.9	16.3	2.85	1.56	1.21	15.3	6.41	5.29	1.36	3.04
			10		7.55	9.618	0.32	99.1	200	30.9	50.5	18.4	3.21	1.79	1.38	14.6	6.35	5.25	1.43	3.24
110x70	110	70	8	10	9.878	12.58	0.319	127	266	39.4	67.9	23.5	3.18	1.77	1.37	19.1	8.21	6.78	1.6	3.32
			10		12.142	15.47	0.319	154	333	47.1	85.7	28.3	3.16	1.74	1.35	23.3	9.98	8.24	1.58	3.4
125x80	125	80	6	10	8.35	10.64	0.354	107	200	61.2	103	31.7	3.17	2.4	1.72	15.2	10.2	8.37	1.97	2.95
			10		10.946	13.94	0.353	138	267	78.6	137	40.6	3.14	2.37	1.71	19.8	13.2	10.8	2.05	3.04
140x90	140	90	6	10	13.476	17.17	0.353	167	334	94.7	172	49.1	3.12	2.35	1.69	24.2	16.1	13.1	2.13	3.12
			10		8.35	10.64	0.354	133	266	42.9	69.1	25.4	3.54	2.01	1.54	17.9	7.9	6.53	1.57	3.53
160x100	160	100	8	10	10.946	13.94	0.353	172	354	54.9	92.7	32.5	3.51	1.98	1.53	23.3	10.3	8.45	1.65	3.62
			10		13.476	17.17	0.353	208	443	65.9	117	39.2	3.48	1.96	1.51	28.5	12.5	10.3	1.72	3.7
175x110	175	110	7	10	11.066	14.1	0.403	228	455	74.4	120	43.8	4.02	2.3	1.76	26.9	12	9.92	1.8	4.01
			8		12.551	15.99	0.403	257	520	83.5	138	49.2	4.01	2.28	1.75	30.4	13.6	11.2	1.84	4.06
180x110	180	110	8	11	15.474	19.71	0.402	312	650	101	173	59.5	3.98	2.26	1.74	37.3	16.6	13.6	1.92	4.14
			10		18.33	23.35	0.402	364	780	117	210	69.4	3.95	2.24	1.72	44	19.4	16	2	4.22
200x125	200	125	8	12	14.16	18.04	0.453	366	731	121	196	70.8	4.5	2.59	1.98	38.5	17.3	14.3	2.04	4.5
			10		17.475	22.26	0.452	446	913	140	246	85.8	4.47	2.56	1.96	47.3	21.2	17.5	2.12	4.58
225x150	225	150	12	14	20.724	26.4	0.451	522	1100	170	297	100	4.44	2.54	1.95	55.9	25	20.5	2.19	4.66
			14		23.908	30.46	0.512	594	1280	192	349	114	4.42	2.51	1.94	64.2	28.5	23.5	2.27	4.74
250x175	250	175	10	13	19.872	25.32	0.512	669	1360	205	337	122	5.14	2.85	2.19	62.1	26.6	21.9	2.28	5.24
			12		23.592	30.05	0.511	785	1640	239	406	142	5.11	2.82	2.17	73.5	31.3	25.8	2.36	5.32
300x200	300	200	14	16	27.247	34.71	0.51	896	1910	271	476	162	5.08	2.8	2.16	84.6	35.8	29.6	2.43	5.4
			16		30.835	39.28	0.51	1000	2180	302	548	183	5.05	2.77	2.16	95.3	40.2	33.4	2.51	5.48
350x250	350	250	10	14	22.273	28.37	0.571	956	1940	278	447	167	5.8	3.13	2.42	79	32.5	26.9	2.44	5.89
			12		26.464	33.71	0.571	1120	2330	325	539	195	5.78	3.1	2.4	93.5	38.3	31.7	2.52	5.98
400x300	400	300	14	18	30.589	38.97	0.57	1290	2720	370	632	222	5.75	3.08	2.39	108	44	36.3	2.59	6.06
			16		34.649	44.14	0.569	1440	3110	412	726	249	5.72	3.06	2.38	122	49.4	40.9	2.67	6.14
450x350	450	350	14	18	34.436	43.87	0.64	1800	3730	551	922	327	6.41	3.54	2.73	135	57.4	47.3	2.91	6.62
			16		39.045	49.74	0.639	2020	4260	615	1060	366	6.38	3.52	2.71	152	64.9	53.3	2.99	6.7
500x400	500	400	12	15	43.588	55.53	0.639	2240	4790	677	1200	405	6.35	3.49	2.7	169	71.7	59.2	3.06	6.78

# 热轧钢板

## Hot-rolled Steel Sheet



中国标准 Chinese Standard: GB/T 709

材质 Grade: Q235B、Q355B(Q345B)

厚度 Thickness mm	尺寸及理论重量 size mm & Mass kg/sh								
	1000x2000	1260x3000	1260x6000	1510x3000	1510x6000	1810x6000	1810x8000	2000L	2200L
1.2	18.84	35.61	71.22						
1.4	21.98	41.54	83.08						
1.5	23.55	44.51	89.02	53.34	106.68				
1.7	26.69	50.44	100.89	60.45	120.91				
1.8	28.26	53.41	106.82	64.01	128.02				
2.0	31.40	59.35	118.69	71.12	142.24				
2.25		66.76	133.53	80.01	160.02				
2.5		74.18	148.37	88.90	177.80				
2.75		81.60	163.20	97.79	195.58				
3.0		89.02	178.04	106.68	213.36				
3.25		96.44	192.87	115.57	231.14				
3.5		103.86	207.71	124.46	248.92				
3.75		111.27	222.55	133.35	266.70				
4.0		118.69	237.38	142.24	284.48				
4.25		126.11	252.22	151.13	302.26				
4.5		133.53	267.06	160.02	320.04				
4.75		140.95	281.89	168.91	337.82				
5.0		148.37	296.73	177.80	355.61				
5.25		155.78	311.57	186.69	373.39				
5.5		163.20	326.40	195.58	391.17				
5.75		170.62	341.24	204.47	408.95	490.19	653.59		
6.0		178.04	356.08	213.36	426.73	511.51	682.01		
7.0		207.71	415.42	248.92	497.85	596.76	795.68		
7.25		215.13	430.26	257.81	515.63	618.07	824.09		
7.5		222.55	445.10	266.70	533.41	639.38	852.51		
7.75		229.97	459.93	275.59	551.19	660.70	880.93		
8.0		237.38	474.77	284.48	568.97	682.01	909.34	125.6L	138.16L
9.25		274.48	548.95	328.93	657.87	788.57	1051.43	145.225L	159.7475L
9.5		281.89	563.79	337.82	675.65	809.88	1079.85	149.15L	164.065L
9.75		289.31	578.62	346.71	693.43	831.20	1108.26	153.075L	168.3825L
10.0		296.73	593.46	355.61	711.21	852.51	1136.68	157L	172.7L
11.25			400.06	400.06	800.11	959.07	1278.77	176.625L	194.2875L
11.5			408.95	408.95	817.89	980.39	1307.18	180.55L	198.605L
11.75			417.84	417.84	835.67	1001.70	1335.60	184.475L	202.9225L
12.0			426.73	426.73	853.45	1023.01	1364.02	188.4L	207.24L
13.5			480.07	480.07	960.13			211.95L	233.145L
13.75			488.96	488.96	977.91			215.875L	237.4625L
14.0			497.85	497.85	995.69			219.8L	241.78L
15.5			551.19	551.19	1102.38			243.35L	267.685L
15.75			560.08	560.08	1120.16			247.275L	272.0025L
16.0			568.97	568.97	1137.94			251.2L	276.32L
17.5			622.31	622.31	1244.62			274.75L	302.225L
18.0			640.09	640.09	1280.18			282.6L	310.86L
19.5			693.43	693.43	1386.86			306.15L	336.765L
19.75			702.32	702.32	1404.64			310.075L	341.0825L
20			711.21	711.21	1422.42			314L	345.4L
22								345.4L	379.94L
25								392.5L	431.75L
28								439.6L	483.56L
30								471L	518.1L
35								549.5L	604.45L
40								628L	690.8L

# 花纹板 Steel Floor Plate

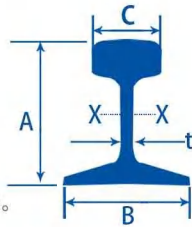
中国标准 Chinese Standard: GB/T 709  
材质 Grade: Q235B



厚度 Thickness mm	尺寸及理论重量 size mm & Mass kg/sh			
	1260x3000	1260x6000	1510x3000	1510x6000
1.8	64.94	129.88	77.83	155.65
2.0	70.88	141.75	84.94	169.88
2.25	78.29	156.59	93.83	187.66
2.5	85.71	171.42	102.72	205.44
2.75	93.13	186.26	111.61	223.22
3.0	100.55	201.10	120.50	241.00
3.25	107.97	215.93	129.39	258.78
3.5	115.38	230.77	138.28	276.56
3.75	122.80	245.61	147.17	294.34
4.0	130.22	260.44	156.06	312.12
4.25	137.64	275.28	164.95	329.90
4.5	145.06	290.12	173.84	347.68
4.75	152.48	304.95	182.73	365.46
5.0	159.89	319.79	191.62	383.24
5.25	167.31	334.62	200.51	401.02
5.5	174.73	349.46	209.40	418.80
5.75	182.15	364.30	218.29	436.58
6.0	189.57	379.13	227.18	454.36
7.0	219.24	438.48	262.74	525.48
7.25	226.66	453.32	271.63	543.26
7.5	234.08	468.15	280.52	561.04
7.75	241.49	482.99	289.41	578.82
8.0	248.91	497.83	298.30	596.60
9.25	286.00	572.01	342.75	685.50
9.5	293.42	586.85	351.64	703.28
9.75	300.84	601.68	360.53	721.06
10	308.26	616.52	369.42	738.84

# 钢轨 Steel Rail

中国标准 Chinese Standard: GB/T 11264  
材质 Grade: Q235B、50Q、55Q、50Mn、U71Mn。



规格 Designation	高度 Depth mm	底宽 Bottom Width mm	头宽 Top Width mm	腰厚 Web Thickness mm	理论重量 Mass kg/m	标准长度 Length m
	A	B	C	t		
6kg/m	51	50	26	5	5.98	6/8/10
8kg/m	65	54	25	7	8.42	6/8/10
9kg/m	63.5	63.5	32.1	5.9	8.94	6/8/10
12kg/m	69.85	69.85	38.1	7.54	12.2	6/8/10
15kg/m	79.37	79.37	42.86	8.33	15.2	6/8/10
18kg/m	90	80	40	10	18.06	6/8/10
22kg/m	93.66	93.66	50.8	10.72	22.3	6/8/10
24kg/m	107	92	51	10.8	24.46	6/8/10
30kg/m	107.95	107.95	60.33	12.3	30.1	6/8/10
38kg/m	134	114	68	13	38.733	12.5/25
43kg/m	140	114	70	14.5	44.653	12.5/25
50kg/m	152	132	70	15.5	51.514	12.5/25
60kg/m	176	150	73	16.5	60.64	12.5/25
Qu70	120	120	70	28	52.8	9-12.5
Qu80	130	130	80	32	63.69	9-12.5
Qu100	150	150	100	38	88.96	9-12.5
Qu120	170	170	120	44	118.1	9-12.5

# 方管

## Steel Square/Rectangular Tube

中国标准 Chinese Standard: GB/T 6728

材质 Grade: Q235B

标准长度 Length: 6m/12m



名称 Designation	规格 Size mm		名称 Designation	规格 Size	
	DxB	壁厚 Thickness mm t		DxB	壁厚 Thickness mm t
方形管 Steel Square Tub	20x20	1.0-3.0	矩形管 Steel Rectangular Tube	30x20	1.0-3.0
	25x25	1.0-3.0		40x20	1.0-3.75
	30x30	1.0-3.75		50x25	1.2-6.0
	40x40	1.2-6.0		50x30	1.2-6.0
	50x50	1.2-6.0		60x40	1.3-6.0
	60x60	1.3-6.0		80x40	1.3-6.0
	70x70	1.3-6.0		80x60	1.5-9.75
	80x80	1.3-6.0		100x50	1.5-9.75
	90x90	1.3-6.0		100x60	1.5-9.75
	100x100	1.5-15.75		100x80	1.5-9.75
	120x120	2.5-15.75		120x60	1.5-9.75
	125x125	2.5-15.75		120x80	1.5-9.75
	140x140	2.5-15.75		140x80	1.5-9.75
	150x150	2.5-15.75		150x100	2.5-15.75
	160x160	2.5-15.75		160x80	2.5-15.75
	180x180	2.5-15.75		200x100	2.5-15.75
200x200	2.75-15.75	250x150	2.5-15.75		
250x250	3.5-15.75	300x150	3.5-15.75		
300x300	4.5-15.75	300x200	3.5-15.75		
400x400	4.5-15.75	400x200	4.5-15.75		
500x500	4.5-15.75	400x300	4.5-15.75		

# 直缝焊管

## Steel Welded Pipe

中国标准 Chinese Standard: GB/T 3091

材质 Grade: Q195、Q235B、Q355B(Q355B)

标准长度 Length: 6m/12m



公称口径 DN mm	外径 OD mm		尺寸 Size	壁厚 Thickness mm	
	D			t	
15	21.3		4分	0.7-2.75	
20	26.9		6分	0.7-2.75	
25	33.7		1寸	0.8-3.25	
32	42.4		1.2寸	0.9-3.25	
40	48.3		1.5寸	1.0-3.25	
50	60.3		2寸	1.3-4.0	
65	76.1		2.5寸	1.5-5.0	
80	88.9		3寸	1.5-6.0	
100	114.3		4寸	2.0-6.0	
125	139.7		5寸	2.0-6.0	
150	165.1		6寸	2.0-6.0	
200	219.1		8寸	2.0-6.0	

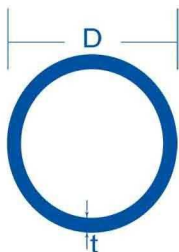
# 螺旋管

## Steel Spiral-welded PIPE

中国标准 Chinese Standard: GB/T 3091

材质 Grade: Q235B、Q355B(Q355B)

标准长度 Length: 12m



公称口径 DN mm	外径OD mm		壁厚Thickness mm
	D		t
200	219		5-10
250	273		5-10
300	325		5-12
350	377		5-12
400	426		5-12
450	478		5-12
500	529		5-16
600	630		5-16
700	720		6-18
800	820		6-20
900	920		6-20
1000	1020		6-20
1100	1120		6-20
1200	1220		6-20
1300	1320		8-20
1400	1420		8-22
1500	1520		8-25
1600	1620		8-25
1700	1720		10-25
1800	1820		10-25
1900	1920		10-25
2000	2020		10-25
2200	2220		10-25
2400	2420		10-25
2600	2620		10-25

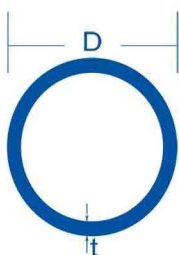
# 无缝管

## Steel Seamless Pipe

中国标准 Chinese Standard: GB/T 3087

材质 Grade: 20#、45#、Q355B(Q345B)

标准长度 Length: 6m、不定尺 Random

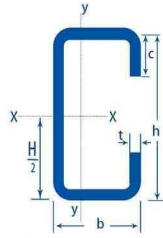


外径OD mm	壁厚Thickness mm	外径OD mm	壁厚Thickness mm
D	t	D	t
20	2-6	108	4-24
22	2-8	114	4-24
25	2-8	121	4-24
27	2-8	127	4-24
32	3-10	133	4-30
34	3-12	140	4-30
38	3-12	159	5-30
42	3-14	168	5-30
45	3-16	180	5-30
48	3-16	219	5-30
51	3-16	245	6-40
57	3-16	273	6-40
60	4-18	299	6-50
63	4-18	325	8-45
70	4-20	377	8-50
73	4-20	426	10-50
76	4-20	480	10-50
83	4-20	530	10-50
89	4-20	630	10-70
102	4-22	720	20-100

# C型钢

## Light Steel Channel

中国标准 Chinese Standard: GB/T 6725  
 材质 Grade: Q195、Q235B 镀锌 Gavanized  
 标准长度 Length: 6m

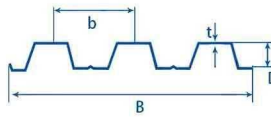


尺寸 Size mm		厚度 Thickness mm
hxb		
80x30		1.2-2
100x35		1.2-2
120x40		1.5-2.5
140x40		1.5-2.5
140x50		1.8-3.0
160x40		1.8-3.0
160x50		1.8-3.0
160x60		1.8-3.0
180x50		1.8-3.0
180x60		1.8-3.0
180x70		1.8-3.0
200x60		1.8-3.0
200x70		1.8-3.0
250x75		1.8-3.0
280x60		1.8-3.0

# 楼承板

## Steel Floor Deck

材质 Grade: Q235B



名称 Designation	规格 Size mm	肋高	波距	成型宽度	厚度
		Depth mm	Wave Width mm	Width mm	Thickness mm
		D	b	B	t
开口楼承板 Open Floor Deck	YX76-185-555	76	185	555	0.8/1.0/1.2
	YX76-293.3-880	76	293.3	880	0.8/1.0/1.2
	YX76-305-915	76	305	915	0.8/1.0/1.2
	YX76-320-960	76	320	960	0.8/1.0/1.2
	YX75-200-600	75	200	600	0.8/1.0/1.2
	YX75-230-690	75	230	690	0.8/1.0/1.2
	YX70-200-600	70	200	600	0.8/1.0/1.2
	YX51-250-750	51	250	750	0.8/1.0/1.2
	YX51-253-760	51	253	760	0.8/1.0/1.2
	YX51-305-915	51	305	915	0.8/1.0/1.2
闭口楼承板 Closed Floor Deck	YX51-340-1025	51	340	1025	0.8/1.0/1.2
	BD40-185-740	40	185	740	0.8/1.0/1.2
	BD40-200-800	40	200	800	0.8/1.0/1.2
	BD65-185-555	65	185	555	0.8/1.0/1.2
	BD65-170-510	65	170	510	0.8/1.0/1.2
	BD65-254-762	65	254	762	0.8/1.0/1.2
	YX51-200-600	51	200	600	0.8/1.0/1.2
	YX51-283.3-850	51	283.3	850	0.8/1.0/1.2
	BD66-219-660	66	219	660	0.8/1.0/1.2
	BD66-240-720	66	240	720	0.8/1.0/1.2
缩口板 Reducing End Deck	YX51-200-600	51	200	600	0.8/1.0/1.2
	YX51-190-760	51	190	760	0.8/1.0/1.2

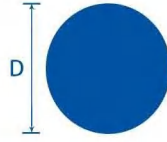
# 圆钢

## Steel Round Bar

中国标准 Chinese Standard: GB/T 1499

材质 Grade: Q235B

标准长度 Length: 6m/9m



规格 Designation	理论重量 Mass kg/m	规格 Designation	理论重量 Mass kg/m	规格 Designation	理论重量 Mass kg/m
5.5#	0.187	28#	4.837	75#	34.706
6#	0.222	29#	5.189	80#	39.488
6.5#	0.261	30#	5.553	85#	44.578
7#	0.302	31#	5.929	90#	49.977
8#	0.395	32#	6.318	95#	55.684
9#	0.500	33#	6.719	100#	61.700
10#	0.617	34#	7.133	105#	68.024
11#	0.747	35#	7.558	110#	74.657
12#	0.888	36#	7.996	115#	81.598
13#	1.043	38#	8.909	120#	88.848
14#	1.209	40#	9.872	130#	104.273
15#	1.388	42#	10.884	140#	120.932
16#	1.580	45#	12.494	150#	138.825
17#	1.783	48#	14.216	160#	157.952
18#	1.999	50#	15.425	170#	178.313
19#	2.227	53#	17.332	180#	199.908
20#	2.468	55#	18.664	190#	222.737
21#	2.721	56#	19.349	200#	246.800
22#	2.986	58#	20.756	210#	272.097
23#	3.264	60#	22.212	220#	298.628
24#	3.554	63#	24.489	230#	326.393
25#	3.856	65#	26.068	240#	355.392
26#	4.171	68#	28.530	250#	385.625
27#	4.498	70#	30.233	260#	417.092

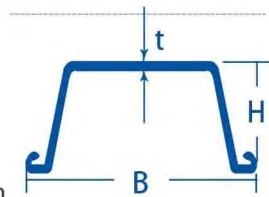
# 钢板桩

## Steel Sheet Pile

中国标准 Chinese Standard: GB/T 20933

材质 Grade: SY3900

标准长度 Length: 6m/9m/12m/15m/18m/24m



型号 Designation	截面尺寸 Size			理论重量 Mass kg/m	截面面积 Section Area m <sup>2</sup>	截面模数 Section Modulus cm <sup>3</sup>	惯性矩 Moment of Inertia cm <sup>4</sup>
	宽度 Width mm	高度 Depth mm	腰厚 Thickness mm				
	B	H	t			Z <sub>x</sub>	I <sub>x</sub>
2# U400x100	400	100	10.5	48	61.18	152	1240
3# U400x125	400	125	13	60	76.42	223	2220
4# U400x170	400	170	15.5	76.1	96.99	362	4670

# 扁钢

## Steel Flat Bar

中国标准 Chinese Standard: GB/T 702

材质 Grade: Q235B

标准长度 Length: 6m



宽度 Width mm	厚度及理论重量 Thickness mm & Mass kg/pcs												
	t												
B	3	4	5	6	8	9	10	12	15	16	19	20	25
10	1.41	1.88	2.36	2.83	3.77	4.24	4.71	5.65	7.07	7.54	8.95	9.42	11.78
12	1.70	2.26	2.83	3.39	4.52	5.09	5.65	6.78	8.48	9.04	10.74	11.30	14.13
14	1.98	2.64	3.30	3.96	5.28	5.93	6.59	7.91	9.89	10.55	12.53	13.19	16.49
16	2.26	3.01	3.77	4.52	6.03	6.78	7.54	9.04	11.30	12.06	14.32	15.07	18.84
18	2.54	3.39	4.24	5.09	6.78	7.63	8.48	10.17	12.72	13.56	16.11	16.96	21.20
20	2.83	3.77	4.71	5.65	7.54	8.48	9.42	11.30	14.13	15.07	17.90	18.84	23.55
22	3.11	4.14	5.18	6.22	8.29	9.33	10.36	12.43	15.54	16.58	19.69	20.72	25.91
25	3.53	4.71	5.89	7.07	9.42	10.60	11.78	14.13	17.66	18.84	22.37	23.55	29.44
28	3.96	5.28	6.59	7.91	10.55	11.87	13.19	15.83	19.78	21.10	25.06	26.38	32.97
30	4.24	5.65	7.07	8.48	11.30	12.72	14.13	16.96	21.20	22.61	26.85	28.26	35.33
32	4.52	6.03	7.54	9.04	12.06	13.56	15.07	18.09	22.61	24.12	28.64	30.14	37.68
35	4.95	6.59	8.24	9.89	13.19	14.84	16.49	19.78	24.73	26.38	31.32	32.97	41.21
40	5.65	7.54	9.42	11.30	15.07	16.96	18.84	22.61	28.26	30.14	35.80	37.68	47.10
45	6.36	8.48	10.60	12.72	16.96	19.08	21.20	25.43	31.79	33.91	40.27	42.39	52.99
50	7.07	9.42	11.78	14.13	18.84	21.20	23.55	28.26	35.33	37.68	44.75	47.10	58.88
55	7.77	10.36	12.95	15.54	20.72	23.31	25.91	31.09	38.86	41.45	49.22	51.81	64.76
60	8.48	11.30	14.13	16.96	22.61	25.43	28.26	33.91	42.39	45.22	53.69	56.52	70.65
65	9.18	12.25	15.31	18.37	24.49	27.55	30.62	36.74	45.92	48.98	58.17	61.23	76.54
70	9.89	13.19	16.49	19.78	26.38	29.67	32.97	39.56	49.46	52.75	62.64	65.94	82.43
75	10.60	14.13	17.66	21.20	28.26	31.79	35.33	42.39	52.99	56.52	67.12	70.65	88.31
80	11.30	15.07	18.84	22.61	30.14	33.91	37.68	45.22	56.52	60.29	71.59	75.36	94.20
85	12.01	16.01	20.02	24.02	32.03	36.03	40.04	48.04	60.05	64.06	76.07	80.07	100.09
90	12.72	16.96	21.20	25.43	33.91	38.15	42.39	50.87	63.59	67.82	80.54	84.78	105.98
100	14.13	18.84	23.55	28.26	37.68	42.39	47.10	56.52	70.65	75.36	89.49	94.20	117.75
110	15.54	20.72	25.91	31.09	41.45	46.63	51.81	62.17	77.72	82.90	98.44	103.62	129.53
120	16.96	22.61	28.26	33.91	45.22	50.87	56.52	67.82	84.78	90.43	107.39	113.04	141.30
130	18.37	24.49	30.62	36.74	48.98	55.11	61.23	73.48	91.85	97.97	116.34	122.46	153.08
140	19.78	26.38	32.97	39.56	52.75	59.35	65.94	79.13	98.91	105.50	125.29	131.88	164.85
150	21.20	28.26	35.33	42.39	56.52	63.59	70.65	84.78	105.98	113.04	134.24	141.30	176.63
160	22.61	30.14	37.68	45.22	60.29	67.82	75.36	90.43	113.04	120.58	143.18	150.72	188.40
180	25.43	33.91	42.39	50.87	67.82	76.30	84.78	101.74	127.17	135.65	161.08	169.56	211.95
200	28.26	37.68	47.10	56.52	75.36	84.78	94.20	113.04	141.30	150.72	178.98	188.40	235.50