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Steel Profile

型钢



Steel Profile

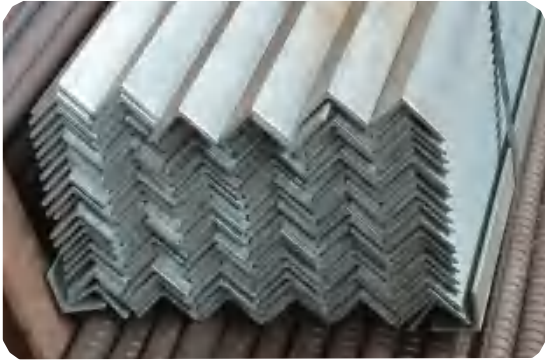
型钢



H Beam



I-Beam



Angle Bar



U Channel



C channel



Flat Bar



Round Bar



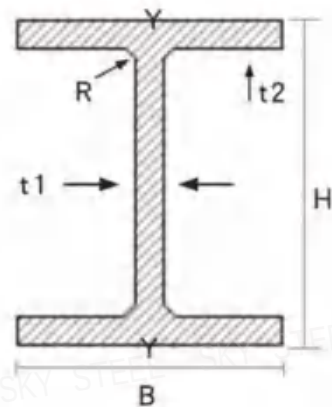
Square Bar

Classification Table of Carbon Steel Types

Category	% C	Key Characteristics	Common Grade Examples	Typical Applications
Low Carbon Steel	0.05% - 0.25%	- Low strength and hardness - Excellent ductility and toughness - Easy to form and weld	AISI 1018, AISI 1008, AISI 1020, ASTM A36	- Automotive body panels - Structural steel (I-beams, sheets) - Pipes, pipe materials - Wires, nails, rivets
Medium Carbon Steel	0.25% - 0.60%	- It has higher strength and hardness than low-carbon steel. - It maintains good toughness. - Its performance can be enhanced through heat treatment.	AISI 1040, AISI 1045, AISI 4140, ASTM A529	- Automotive components - Rails, train wheels - Machine parts, forging pieces - High-strength structural components
High Carbon Steel	0.60% - 1.00%	- Extremely high strength and hardness - Good wear resistance - Low ductility and toughness - Difficult to weld and cold process	AISI 1060, AISI 1075, AISI 1095, C60	- Spring - Cutting tools (drills, taps) - High-strength steel wire - Blades, axes
Ultra-High Carbon Steel	1.00% - 2.00%	- Extremely high hardness and wear resistance - Extremely brittle with poor toughness - Difficult to process.	AISI 1095 , CPM 10V	- Professional cutting tools - Pressing molds - Wear-resistant parts - Special blades



H-Beam



H型钢规格

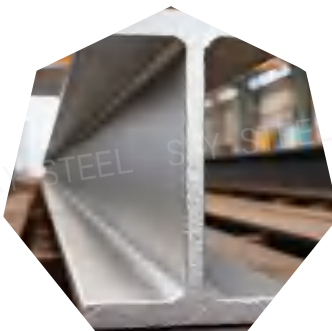
H-腹板高度
B-翼缘宽度
t1-腹板厚度
t2-翼缘厚度
r-圆角

Material & Grade

Type & Series	Wide Flange (WF) HE/HL Series W/M/S/HP Series H Series
Steel Grade	Q235B, Q355B ASTM: A36, A572 Gr.50, A992 S235JR, S355JR
Standard	GB/T 11263 ASTM A6/A6M, ASTM A992
Section Dimensions	(H) x (B) x (t1) x (t2)
Length	12m, 12.5m, 15m, 18m (Standard), Customized Lengths Available
Process	Hot Rolled
Appearance	As Rolled / Shot Blasted/ Primed/Galvanized



Black



Shot Blasted

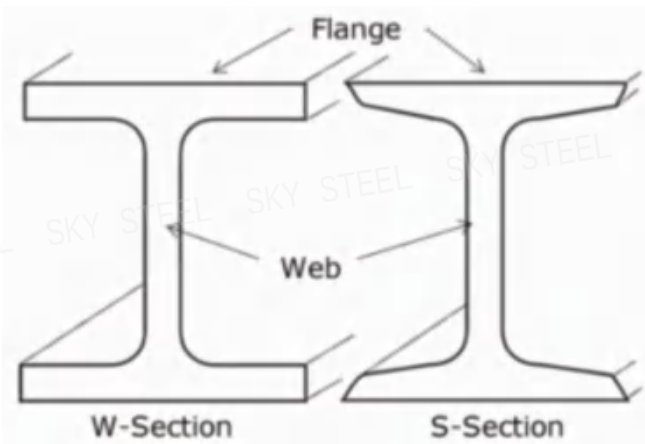


Primed



Galvanized

I-Beam



Material & Grade

Type & Series	GB Standard I-Beam Lightweight I-Beam
Steel Grade	Q235B, Q355B ASTM A36, SS400, S235JR, S355JR
Standard	GB/T 706 JIS G3192 ASTM A6/A6M
Nominal Size	Expressed in waist height (cm): 10#, 12#, 16#, 20#, 25#, 32#, 40#, 56# Example: 20# indicates a waist height of 200mm
Section Dimensions	腰高 (h) x 腿宽 (b) x 腰厚 (d)
Length	6m, 9m, 12m (Standard), Customized Lengths Available
Process	Hot Rolled
Appearance	As Rolled/ Shot Blasted / Primed/Galvanized

Packaging Details:

Standard Export Bundle: Bundled with high-strength steel straps.
20GP: 22-26ton



Size Specification

日标H型钢 H Section JIS

尺寸和截面特性 Dimensions and Sectional Properties

JIS G3192:1994 JIS G3136:2008



型号 (宽度*高度) Division (depth x width)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
		W	H	B	t ₁	t ₂	
100 x 100	16.9	100	100	6	8	8	21.59
125 x 125	23.6	125	125	6.5	9	8	30.00
150 x 75	14.0	150	75	5	7	8	17.85
150 x 100	20.7	148	100	6	9	8	26.35
150 x 150	31.1	150	150	7	10	8	39.65
200 x 100	17.8	198	99	4.5	7	8	22.69
	20.9	200	100	5.5	8	8	26.67
200 x 150	29.9	194	150	6	9	8	38.11
200 x 200	49.9	200	200	8	12	13	63.53
250 x 125	25.1	248	124	5	8	8	31.99
	29.0	250	125	6	9	8	36.97
250 x 175	43.6	244	175	7	11	13	55.49
250 x 250	71.8	250	250	9	14	13	91.43
300 x 150	32.0	298	149	5.5	8	13	40.80
	36.7	300	150	6.5	9	13	46.78
300 x 200	55.8	294	200	8	12	13	71.05
300 x 300	93.0	300	300	10	15	13	118.5
350 x 175	41.2	346	174	6	9	13	52.45
	49.4	350	175	7	11	13	62.91
350 x 250	78.1	340	250	9	14	13	99.53
350 x 350	135	350	350	12	19	13	171.9
400 x 200	56.1	396	199	7	11	13	71.41
	65.4	400	200	8	13	13	83.37
400 x 300	105	390	300	10	16	13	133.3
400 x 400	172	400	400	13	21	22	218.7
	232	414	405	18	28	22	295.4
	283	428	407	20	35	22	360.7
	415	458	417	30	50	22	528.6
	605	498	432	45	70	22	770.1
450 x 200	65.1	446	199	8	12	13	82.97
	74.9	450	200	9	14	13	95.43

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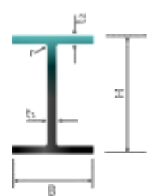


型号 (宽度*高度) Division (depth x width)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
		W	H	B	t ₁	t ₂	
450 x 300	121	440	300	11	18	13	153.9
500 x 200	77.9	496	199	9	14	13	99.29
	88.2	500	200	10	16	13	112.3
500 x 300	111	482	300	11	15	13	141.2
	125	488	300	11	18	13	159.2
600 x 200	92.5	596	199	10	15	13	117.8
	103	600	200	11	17	13	131.7
600 x 300	133	582	300	12	17	13	169.2
	147	588	300	12	20	13	187.2
	170	594	302	14	23	13	217.1
700 x 300	163	692	300	13	20	18	207.5
	182	700	300	13	24	18	231.5
800 x 300	188	792	300	14	22	18	239.5
	207	800	300	14	26	18	263.5
900 x 300	210	890	299	15	23	18	266.9
	240	900	300	16	28	18	305.8
	283	912	302	18	34	18	360.1
	304	918	303	19	37	18	387.4
1000 x 300	217	970	297	16	21	18	276
	248	980	298	17	26	18	315.5
	271	990	298	17	31	18	345.3
	310	1000	300	19	36	18	395.1
	345	1008	302	21	40	18	439.3

美标H型钢 H Section ASTM

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型号 Designation	重量 Unit Weight (lbs/ft)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	M	H	B	1	2	r	A
W4 x 4	13	19.3	106	103	7.1	8.8	7.6	24.90
W5 x 5	16	23.8	127	127	6.1	9.1	7.6	30.26
	19	28.1	131	128	6.9	10.9	7.6	35.88
W6 x 4	8.5	13	148	100	4.3	4.9	7.6	16.25
	9	13.5	150	100	4.3	5.5	7.6	17.48
	12	18	153	102	5.8	7.1	7.6	22.99
W6 x 6	16	24	160	102	6.6	10.3	7.6	30.76
	15	22.5	152	152	5.8	6.6	7.6	28.63
	20	29.8	157	153	6.6	9.3	7.6	38.10
W8 x 4	25	37.1	162	154	8.1	11.6	7.6	47.57
	10	15	200	100	4.3	5.2	7.6	19.08
	13	19.3	203	102	5.8	6.5	7.6	24.72
W8 x 5¼	15	22.5	206	102	6.2	8.0	7.6	28.60
	14	21.4	203	134	5.0	6.4	7.6	27.21
	18	26.6	207	133	5.8	8.4	7.6	33.93
W8 x 6½	21	31.3	210	134	6.4	10.2	7.6	39.97
	24	35.9	201	165	6.2	10.2	10.2	45.78
	28	41.7	205	166	7.2	11.8	10.2	53.11
W8 x 8	31	46.1	203	203	7.2	11.0	10.2	58.62
	35	52	206	204	7.9	12.6	10.2	66.52
	40	59	210	205	9.1	14.2	10.2	75.60
	48	71	216	206	10.2	17.4	10.2	91.05
	58	86	222	209	13.0	20.6	10.2	110.5
W10 x 4	67	100	229	210	14.5	23.7	10.2	126.8
	12	17.9	251	101	4.8	5.3	7.6	22.68
	15	22.3	254	102	5.8	6.9	7.6	28.43
	17	25.3	257	102	6.1	8.4	7.6	32.26
W10 x 5¼	19	28.4	260	102	6.4	10.0	7.6	36.28
	22	32.7	258	146	6.1	9.1	7.6	41.73
	26	38.5	262	147	6.6	11.2	7.6	49.17
W10 x 6½	30	44.8	266	148	7.6	13.0	7.6	57.10

美标H型钢 H Section ASTM

尺寸和截面特性 Dimensions and Sectional Properties

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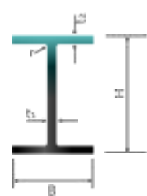


型号 Designation	重量 Unit Weight (lbs/ft)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	M	H	B	1	2	r	A
W10 x 8	33	49.1	247	202	7.4	11.0	12.7	62.53
	39	58	252	203	8.0	13.5	12.7	74.14
	45	67	257	204	8.9	15.7	12.7	85.38
W10 x 10	49	73	253	254	8.6	14.2	12.7	92.9
	54	80	256	255	9.4	15.6	12.7	102.0
	60	89	260	256	10.7	17.3	12.7	114.0
	68	101	264	257	11.9	19.6	12.7	129.0
	77	115	269	259	13.5	22.1	12.7	146.1
	88	131	275	261	15.4	25.1	12.7	166.9
	100	149	282	263	17.3	28.4	12.7	189.5
W12 x 4	112	167	289	265	19.2	31.8	12.7	212.8
	14	21	303	101	5.1	5.7	7.6	26.83
	16	23.8	305	101	5.6	6.7	7.6	30.37
	19	28.3	309	102	6.0	8.9	7.6	36.06
W12 x 6½	22	32.7	313	102	6.6	10.8	7.6	41.83
	26	38.7	310	165	5.8	9.7	7.6	49.35
	30	44.5	313	166	6.6	11.2	7.6	56.80
W12 x 8	35	52	317	167	7.6	13.2	7.6	66.60
	40	60	303	203	7.5	13.1	15.2	76.03
	45	67	306	204	8.5	14.6	15.2	85.19
W12 x 10	50	74	310	205	9.4	16.3	15.2	94.92
	53	79	306	254	8.8	14.6	15.2	100.5
W12 x 12	58	86	310	254	9.1	16.3	15.2	110.1
	65	97	308	305	9.9	15.4	15.2	123.3
	72	107	311	306	10.9	17.0	15.2	136.2
W12 x 14	79	117	314	307	11.9	18.7	15.2	149.7

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型号 Designation	重量 Unit Weight (lbs/ft)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	M	H	B	1	2	r	A
W12 x 12	87	129	318	308	13.1	20.6	15.2	165.2
	96	143	323	309	14.0	22.9	15.2	182.2
	106	158	327	310	15.5	25.1	15.2	200.8
	120	179	333	313	18.0	28.1	15.2	227.7
	136	202	341	315	20.1	31.8	15.2	258.0
	152	226	348	317	22.1	35.6	15.2	288.9
	161	240	353	318	23.0	37.7	15.2	305.8
	170	253	356	319	24.4	39.6	15.2	322.5
	190	283	365	322	26.9	44.1	15.2	360.4
	210	313	374	325	30.0	48.3	15.2	398.9
	230	342	382	328	32.6	52.6	15.2	436.8
	252	375	391	330	35.4	57.2	15.2	477.9
	279	415	403	334	38.9	62.7	15.2	528.4
	305	454	415	336	41.3	68.7	15.2	578.4
W14 x 5	22	32.9	349	127	5.8	8.5	10.2	41.74
	26	39	353	128	6.5	10.7	10.2	49.77
W14 x 6¼	30	44.6	352	171	6.9	9.8	10.2	57.29
	34	51	355	171	7.2	11.6	10.2	64.53
	38	58	358	172	7.9	13.1	10.2	72.18
W14 x 8	43	64	347	203	7.7	13.5	15.2	81.46
	48	72	350	204	8.6	15.1	15.2	91.12
	53	79	354	205	9.4	16.8	15.2	100.8
W14 x 10	61	91	353	254	9.5	16.4	15.2	115.7
	68	101	357	255	10.5	18.3	15.2	128.9
	74	110	360	256	11.4	19.9	15.2	140.3
	82	122	363	257	13.0	21.7	15.2	155.3
W14 x 14½	90	134	356	369	11.2	18.0	15.2	170.6
	99	147	360	370	12.3	19.8	15.2	187.9
	109	162	364	371	13.3	21.8	15.2	206.3

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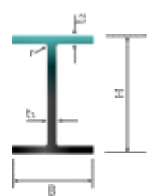


型号 Designation	重量 Unit Weight (lbs/ft)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	M	H	B	1	2	r	A
W14 x 14½	120	179	368	373	15.0	23.9	15.2	228.1
	132	196	372	374	16.4	26.2	15.2	250.4
W14 x 16	145	216	375	394	17.3	27.7	15.2	275.5
	159	237	380	395	18.9	30.2	15.2	301.3
	176	262	387	398	21.1	33.3	15.2	334.2
	193	287	393	399	22.6	36.6	15.2	366.4
	211	314	399	400	24.9	39.6	15.2	399.5
	233	347	407	404	27.2	43.7	15.2	441.8
	257	382	416	406	29.8	48.0	15.2	487.4
	283	421	425	409	32.8	52.6	15.2	537.4
	311	463	435	412	35.8	57.4	15.2	589.7
	342	509	446	416	39.1	62.7	15.2	648.2
	370	551	455	418	42.0	67.6	15.2	702.2
W16 x 5½	26	38.8	399	140	6.4	8.8	10.2	49.86
	31	46.1	403	140	7.0	11.2	10.2	58.99
W16 x 7	36	53	403	177	7.5	10.9	10.2	68.14
	40	60	407	178	7.7	12.8	10.2	75.73
	45	67	410	179	8.8	14.4	10.2	85.88
	50	75	413	180	9.7	16.0	10.2	95.32
	57	85	417	181	10.9	18.2	10.2	108.2
W16 x 10¼	67	100	415	260	10.0	16.9	10.2	126.9
	77	114	420	261	11.6	19.3	10.2	146.0
	89	132	425	263	13.3	22.2	10.2	168.5
W18 x 6	100	149	431	265	14.9	25.0	10.2	190.1
	35	52	450	152	7.6	10.8	10.2	66.34
	40	60	455	153	8.0	13.3	10.2	75.79
W18 x 7½	46	68	459	154	9.1	15.4	10.2	87.23
	41	61	450	189	8.1	10.8	10.2	76.56
	45	67	454	190	8.5	12.7	10.2	85.52
W18 x 9	50	74	457	190	9.0	14.5	10.2	94.62

美标H型钢 H Section ASTM

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型号 Designation	重量 Unit Weight (lbs/ft)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	M	H	B	1	2	r	A
W18 x 7½	55	82	460	191	9.9	16.0	10.2	104.5
	60	89	463	192	10.5	17.7	10.2	113.8
	65	97	466	193	11.4	19.1	10.2	123.3
	*66	98	467	193	11.4	19.6	10.2	125.3
	71	106	469	194	12.6	20.6	10.2	134.7
W18 x 11	76	113	463	280	10.8	17.3	10.2	144.1
	86	128	467	282	12.2	19.6	10.2	163.5
	97	144	472	283	13.6	22.1	10.2	184.2
	106	158	476	284	15.0	23.9	10.2	201.1
	119	177	482	286	16.6	26.9	10.2	225.9
	130	193	489	283	17.0	30.5	10.2	246.6
	143	213	495	285	18.5	33.5	10.2	271.0
	158	235	501	287	20.6	36.6	10.2	299.1
	175	260	509	289	22.6	40.4	10.2	331.1
	192	286	517	291	24.4	44.4	10.2	363.8
	211	315	525	293	26.9	48.5	10.2	400.7
	234	349	535	296	29.5	53.6	10.2	444.3
	258	384	545	299	32.5	58.4	10.2	489.3
	283	421	555	302	35.6	63.5	10.2	536.8
	311	464	567	305	38.6	69.6	10.2	590.4
W21 x 6½	44	66	525	165	8.9	11.4	12.7	83.71
	50	74	529	166	9.7	13.6	12.7	95.19
	57	85	535	166	10.3	16.5	12.7	108.0
W21 x 8¼	48	72	524	207	8.9	10.9	12.7	91.09
	55	82	528	209	9.6	13.2	12.7	104.7
	62	92	533	209	10.2	15.6	12.7	117.9
	68	101	537	210	10.9	17.4	12.7	129.2
	73	109	539	211	11.6	18.8	12.7	138.8
	83	123	544	212	13.1	21.2	12.7	157.1
	93	138	549	214	14.7	23.6	12.7	176.1
	101	150	543	312	12.7	20.3	12.7	191.9
W21 x 12¼	111	165	546	313	14.0	22.2	12.7	210.8
	122	182	551	315	15.2	24.4	12.7	231.2

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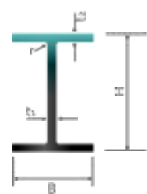


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	W	M	H	B	1	2	r	A
W21 x 12¼	132	196	554	316	16.5	26.3	12.7	250.4
	147	219	560	318	18.3	29.2	12.7	278.8
	166	248	571	315	19.1	34.5	12.7	315.0
	182	272	577	317	21.1	37.6	12.7	346.0
	201	300	585	319	23.1	41.4	12.7	381.9
	*223	332	593	322	25.4	45.5	12.7	421.8
	*248	369	603	325	28.3	50.5	12.7	471.2
	*275	409	613	327	31.0	55.6	12.7	521.0
	*300	446	623	330	33.5	60.5	12.7	568.8
	*333	496	635	333	37.1	66.5	12.7	631.2
W24 x 7	55	82	599	178	10.0	12.8	12.7	104.2
	62	92	603	179	10.9	15.0	12.7	117.5
W24 x 9	68	101	603	228	10.5	14.9	12.7	129.4
	76	113	608	228	11.2	17.3	12.7	144.6
	84	125	612	229	11.9	19.6	12.7	159.4
	94	140	617	230	13.1	22.2	12.7	178.7
	103	153	623	229	14.0	24.9	12.7	195.5
W24 x 12¼	104	155	611	324	12.7	19.1	16.5	198.8
	117	174	616	325	14.0	21.6	16.5	223.0
	131	195	622	327	15.4	24.4	16.5	249.9
	146	217	628	328	16.5	27.7	16.5	278.4
	162	241	635	329	17.9	31.0	16.5	308.9
	176	262	641	327	19.1	34.0	16.5	334.4
	192	285	647	329	20.6	37.1	16.5	364.4
	207	307	653	330	22.1	39.9	16.5	392.8
	229	341	661	333	24.4	43.9	16.5	434.5
	250	372	669	335	26.4	48.0	16.5	475.1
	279	415	679	338	29.5	53.1	16.5	530.2
	306	455	689	340	32.0	57.9	16.5	580.1
	335	498	699	343	35.1	63.0	16.5	636.2
	370	551	711	347	38.6	69.1	16.5	702.9

美标H型钢 H Section ASTM

尺寸和截面特性 Dimensions and Sectional Properties

ASTM A6-2014



型号 Designation	重量 Unit Weight (lbs/ft)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	M	H	B	₁	₂	r	A
W27 x 10	84	125	678	253	11.7	16.3	15.2	160.0
	94	140	684	254	12.4	18.9	15.2	178.0
	102	152	688	254	13.1	21.1	15.2	194.0
	114	170	693	256	14.5	23.6	15.2	216.4
	129	192	702	254	15.5	27.9	15.2	244.0
W27*14	146	217	695	355	15.4	24.8	15	277
	161	240	701	356	16.8	27.4	15	306
	178	265	706	358	18.4	30.2	15	337
W30 x 10½	90	134	750	264	11.94	15.49	28.0	174.4
	99	147	753	265	13.21	17.02	28.0	192.1
	108	161	758	266	13.84	19.30	28.0	209.0
	116	173	762	267	14.35	21.59	28.0	225.0
	124	185	766	267	14.86	23.62	28.0	239.8
	132	196	770	268	15.62	25.40	28.0	255.1
	148	220	779	266	16.51	29.97	28.0	285.0
W30*15	173	257	773	381	16.6	27.1	17	328
	191	284	779	382	18	30.1	17	362
W33 x 11½	118	176	835	292	13.97	18.80	30.0	228.7
	130	193	840	292	14.73	21.72	30.0	252.2
	141	210	846	293	15.37	24.38	30.0	273.1
	152	226	851	294	16.13	26.80	30.0	293.8
	169	251	859	292	17.02	30.99	30.0	324.4
W36 x 12	135	201	903	304	15.24	20.07	30.0	261.1
	150	223	911	304	15.88	23.88	30.0	290.0
	160	238	915	305	16.51	25.91	30.0	308.1
	170	253	919	306	17.27	27.94	30.0	327.5
	182	271	923	307	18.42	29.97	30.0	350.5
	194	289	927	308	19.43	32.00	30.0	372.3
	210	313	932	309	21.08	34.54	30.0	403.3
	232	345	943	308	22.10	39.88	30.0	444.0

德标H型钢/欧标H型钢(HEA/HEB)
H Section DIN1025/EN10025

尺寸和截面特性 Dimensions and Sectional Properties

EN10034:1997 EN10163-3: 2004

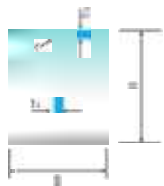


型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
		W	H	B	₁	₂	r	A
HE100	A	16.7	96.0	100.0	5.0	8.0	12.0	21.24
	B	20.4	100.0	100.0	6.0	10.0	12.0	26.04
	M	41.8	120.0	106.0	12.0	20.0	12.0	53.24
HE120	A	19.9	114.0	120.0	5.0	8.0	12.0	25.34
	B	26.7	120.0	120.0	6.5	11.0	12.0	34.01
	M	52.1	140.0	126.0	12.5	21.0	12.0	66.41
HE140	A	24.7	133.0	140.0	5.5	8.5	12.0	31.42
	B	33.7	140.0	140.0	7.0	12.0	12.0	42.96
	M	63.2	160.0	146.0	13.0	22.0	12.0	80.56
HE160	A	30.4	152.0	160.0	6.0	9.0	15.0	38.77
	B	42.6	160.0	160.0	8.0	13.0	15.0	54.25
	M	76.2	180.0	166.0	14.0	23.0	15.0	97.05
HE180	A	35.5	171.0	180.0	6.0	9.5	15.0	45.25
	B	51.2	180.0	180.0	8.5	14.0	15.0	65.25
	M	88.9	200.0	186.0	14.5	24.0	15.0	113.3
HE200	A	42.3	190.0	200.0	6.5	10.0	18.0	53.83
	B	61.3	200.0	200.0	9.0	15.0	18.0	78.08
	M	103	220.0	206.0	15.0	25.0	18.0	131.3
HE220	A	50.5	210.0	220.0	7.0	11.0	18.0	64.34
	B	71.5	220.0	220.0	9.5	16.0	18.0	91.04
	M	117	240.0	226.0	15.5	26.0	18.0	149.4
HE240	AA	47.4	224.0	240.0	6.5	9.0	21.0	60.38
	A	60.3	230.0	240.0	7.5	12.0	21.0	76.84
	B	83.2	240.0	240.0	10.0	17.0	21.0	106.0
	M	157	270.0	248.0	18.0	32.0	21.0	199.6
HE260	AA	54.1	244.0	260.0	6.5	9.5	24.0	68.97
	A	68.2	250.0	260.0	7.5	12.5	24.0	86.82
	B	92.9	260.0	260.0	10.0	17.5	24.0	118.4
	M	172	290.0	268.0	18.0	32.5	24.0	219.6

德标H型钢/欧标H型钢(HEA/HEB)
H Section DIN1025/EN10025

尺寸和截面特性 Dimensions and Sectional Properties

EN10034:1997 EN10163-3： 2004

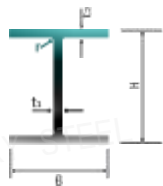


型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	₁	₂	
HE280	AA	61.3	264.0	280.0	7.0	10.0	24.0	78.02
	A	76.4	270.0	280.0	8.0	13.0	24.0	97.26
	B	103	280.0	280.0	10.5	18.0	24.0	131.4
	M	189	310.0	288.0	18.5	33.0	24.0	240.2
HE300	AA	69.8	283.0	300.0	7.5	10.5	27.0	88.91
	A	88.3	290.0	300.0	8.5	14.0	27.0	112.5
	B	117	300.0	300.0	11.0	19.0	27.0	149.1
	M	238	340.0	310.0	21.0	39.0	27.0	303.1
HE320	AA	74.3	301.0	300.0	8.0	11.0	27.0	94.58
	A	97.7	310.0	300.0	9.0	15.5	27.0	124.4
	B	127	320.0	300.0	11.5	20.5	27.0	161.3
	M	245	359.0	309.0	21.0	40.0	27.0	312.0
HE340	AA	78.9	320.0	300.0	8.5	11.5	27.0	100.5
	A	105	330.0	300.0	9.5	16.5	27.0	133.5
	B	134	340.0	300.0	12.0	21.5	27.0	170.9
	M	248	377.0	309.0	21.0	40.0	27.0	315.8
HE360	AA	83.7	339.0	300.0	9.0	12.0	27.0	106.6
	A	112	350.0	300.0	10.0	17.5	27.0	142.8
	B	142	360.0	300.0	12.5	22.5	27.0	180.6
	M	250	395.0	308.0	21.0	40.0	27.0	318.8
HE400	AA	92.4	378.0	300.0	9.5	13.0	27.0	117.7
	A	125	390.0	300.0	11.0	19.0	27.0	159.0
	B	155	400.0	300.0	13.5	24.0	27.0	197.8
	M	256	432.0	307.0	21.0	40.0	27.0	325.8
HE450	AA	99.8	425.0	300.0	10.0	13.5	27.0	127.1
	A	140	440.0	300.0	11.5	21.0	27.0	178.0
	B	171	450.0	300.0	14.0	26.0	27.0	218.0
	M	263	478.0	307.0	21.0	40.0	27.0	335.4

德标H型钢/欧标H型钢(HEA/HEB)
H Section DIN1025/EN10025

尺寸和截面特性 Dimensions and Sectional Properties

EN10034:1997 EN10163-3： 2004



型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	₁	₂	
HE500	AA	107	472.0	300.0	10.5	14.0	27.0	136.9
	A	155	490.0	300.0	12.0	23.0	27.0	197.5
	B	187	500.0	300.0	14.5	28.0	27.0	238.6
	M	270	524.0	306.0	21.0	40.0	27.0	344.3
HE550	AA	120	522.0	300.0	11.5	15.0	27.0	152.8
	A	166	540.0	300.0	12.5	24.0	27.0	211.8
	B	199	550.0	300.0	15.0	29.0	27.0	254.1
	M	278	572.0	306.0	21.0	40.0	27.0	354.4
HE600	AA	129	571.0	300.0	12.0	15.5	27.0	164.1
	A	178	590.0	300.0	13.0	25.0	27.0	226.5
	B	212	600.0	300.0	15.5	30.0	27.0	270.0
	M	286	620.0	305.0	21.0	40.0	27.0	363.7
HE650	AA	138	620.0	300.0	12.5	16.0	27.0	175.8
	A	190	640.0	300.0	13.5	26.0	27.0	241.6
	B	225	650.0	300.0	16.0	31.0	27.0	286.3
	M	293	668.0	305.0	21.0	40.0	27.0	373.7
HE700	AA	150	670.0	300.0	13.0	17.0	27.0	190.9
	A	204	690.0	300.0	14.5	27.0	27.0	260.5
	B	241	700.0	300.0	17.0	32.0	27.0	306.4
	M	301	716.0	304.0	21.0	40.0	27.0	383.0
HE800	AA	172	770.0	300.0	14.0	18.0	30.0	218.5
	A	224	790.0	300.0	15.0	28.0	30.0	285.8
	B	262	800.0	300.0	17.5	33.0	30.0	334.2
	M	317	814.0	303.0	21.0	40.0	30.0	404.3
HE900	AA	198	870.0	300.0	15.0	20.0	30.0	252.2
	A	252	890.0	300.0	16.0	30.0	30.0	320.5
	B	291	900.0	300.0	18.5	35.0	30.0	371.3
	M	333	910.0	302.0	21.0	40.0	30.0	423.6
HEB1000	AA	222	970.0	300.0	16.0	21.0	30.0	282.2
	A	272	990.0	300.0	16.5	31.0	30.0	346.8
	B	314	1000.0	300.0	19.0	36.0	30.0	400.0
	M	349	1008	302.0	21.0	40.0	30.0	444.2

欧标H型钢(HD)
H Section EN10025

尺寸和截面特性 Dimensions and Sectional Properties

British Standard (BS)-Universal Beam
BS 4:2005 EN10034:1997 EN10163-3: 2004



型号 Designation	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	H	B	r ₁	r ₂	r	A
HD260	68.2	250.0	260.0	7.5	12.5	24.0	86.82
	92.9	260.0	260.0	10.0	17.5	24.0	118.4
	114	268.0	262.0	12.5	21.5	24.0	145.7
	142	278.0	265.0	15.5	26.5	24.0	180.3
	172	290.0	268.0	18.0	32.5	24.0	219.6
HD320	97.7	310.0	300.0	9.0	15.5	27.0	124.4
	127	320.0	300.0	11.5	20.5	27.0	161.3
	158	330.0	303.0	14.5	25.5	27.0	201.2
	198	343.0	306.0	18.0	32.0	27.0	252.3
	245	359.0	309.0	21.0	40.0	27.0	312.0
HD360	300	375.0	313.0	27.0	48.0	27.0	382.1
	134	356.0	369.0	11.2	18.0	15.0	170.6
	148	360.0	370.0	12.3	19.8	15.0	187.9
	162	364.0	371.0	13.3	21.8	15.0	206.3
	179	368.0	373.0	15.0	23.9	15.0	228.3
HD400	196	372.0	374.0	16.4	26.2	15.0	250.3
	187	368.0	391	15	24	15.0	237.6
	216	375.0	394	17.3	27.7	15.0	275.5
	237	380.0	395	18.9	30.2	15.0	300.9
	262	387.0	398	21.1	33.3	15.0	334.6
	287	393.0	399	22.6	36.6	15.0	366.3
	314	399.0	401	24.9	39.6	15.0	399.2
	347	407.0	404	27.2	43.7	15.0	442
	382	416.0	406	29.8	48	15.0	487.1
	421	425.0	409	32.8	52.6	15.0	537.1
	463	435.0	412	35.8	57.4	15.0	589.5
	509	446.0	416	39.1	62.7	15.0	649
	551	455.0	418	42	67.6	15.0	701.4
	592	465.0	421	45	72.3	15.0	754.9
	634	474.0	424	47.6	77.1	15.0	808
	677	483.0	428	51.2	81.5	15.0	863.4
	744	498.0	432	55.6	88.9	15.0	948.1
	818	514.0	437	60.5	97	15.0	1043
	900	531.0	442	65.9	106	15.0	1149
	990	550.0	448	71.9	115	15.0	1262
	1086	569.0	454	78	125	15.0	1386

欧标H型钢(HP)
H Section EN10025

尺寸和截面特性 Dimensions and Sectional Properties

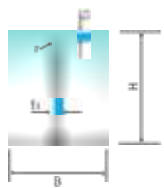
EN10034:1997 EN10163-3: 2004



型号 Designation	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
	W	H	B	r ₁	r ₂	r	A
HP200	53.5	204	207	11.3	11.3	10.0	68.14
HP220	57.2	210	224.5	11	11	18.0	72.85
HP260	75.0	249	265	12	12	24.0	95.54
	87.3	253	267	14	14	24.0	111.2
HP305	78.4	299.3	306.4	11	11	15.2	99.89
	88.0	301.7	307.8	12.4	12.3	15.2	112.1
	95.0	303.7	308.7	13.3	13.3	15.2	121.0
	110	307.9	310.7	15.3	15.4	15.2	140.1
	126	312.3	312.9	17.5	17.6	15.2	160.6
	149	318.5	316	20.6	20.7	15.2	189.9
	180	326.7	319.7	24.8	24.8	15.2	229.3
	186	328.3	320.9	25.5	25.6	15.2	236.9
HP320	223	337.9	325.7	30.3	30.4	15.2	284.0
	88.5	303	304	12	12	27.0	112.7
	103	307	306	14	14	27.0	131.0
	117	311	308	16	16	27.0	149.5
	147	319	312	20	20	27.0	186.9
HP360	184	329	317	25	25	27.0	234.5
	84.3	340	367	10	10	15.2	107.4
	109	346.4	371	12.8	12.9	15.2	138.7
	133	352	373.8	15.6	15.7	15.2	169.4
	152	356.4	376	17.8	17.9	15.2	193.7
	174	361.4	378.5	20.3	20.4	15.2	221.5
HP400	180	362.9	378.8	21.1	21.1	15.2	229.5
	122	348	390	14	14	15.0	156
	140	352	392	16	16	15.0	179
	158	356	394	18	18	15.0	201
	176	360	396	20	20	15.0	224
	194	364	398	22	22	15.0	248
	213	368	400	24	24	15.0	271
HP400	231	372	402	26	26	15.0	294

英标H型钢(UB)
H Section EN10025

尺寸和截面特性 Dimensions and Sectional Properties
British Standard(BS)- Universal Beam
BS4:2005 EN10034:1997 EN10163-3: 2004



型号 Designation		理论 重量 Unit Weight (kg/m)	截面 尺寸 Standard Sectional Dimension (mm)					截面 面积 Sectional Area (cm²)
			W	H	B	₁	₂	
UB127*76	13	13	127.0	76	4	7.6	7.6	16.52
UB152*89	16	16	152.4	88.7	4.5	7.7	7.6	20.32
UB178*102	19	19	177.8	101.2	4.8	7.9	7.6	24.26
UB203 x 102	23	23.1	203.2	101.8	5.4	9.3	7.6	29.40
UB203 x 133	25	25.1	203.2	133.2	5.7	7.8	7.6	31.97
	30	30.0	206.8	133.9	6.4	9.6	7.6	38.21
UB254 x 102	22	22.0	254.0	101.6	5.7	6.8	7.6	28.02
	25	25.2	257.2	101.9	6.0	8.4	7.6	32.04
	28	28.3	260.4	102.2	6.3	10.0	7.6	36.08
UB254 x 146	31	31.1	251.4	146.1	6.0	8.6	7.6	39.68
	37	37.0	256.0	146.4	6.3	10.9	7.6	47.17
	43	43.0	259.6	147.3	7.2	12.7	7.6	54.77
UB305 x 102	25	24.8	305.1	101.6	5.8	7.0	7.6	31.60
	28	28.2	308.7	101.8	6.0	8.8	7.6	35.88
	33	32.8	312.7	102.4	6.6	10.8	7.6	41.83
UB305 x 127	37	37.0	304.4	123.4	7.1	10.7	8.9	47.18
	42	41.9	307.2	124.3	8.0	12.1	8.9	53.40
	48	48.1	311.0	125.3	9.0	14.0	8.9	61.23
UB305 x 165	40	40.3	303.4	165.0	6.0	10.2	8.9	51.32
	46	46.1	306.6	165.7	6.7	11.8	8.9	58.75
	54	54.0	310.4	166.9	7.9	13.7	8.9	68.77
UB356 x 127	33	33.1	349.0	125.4	6.0	8.5	10.2	42.13
	39	39.1	353.4	126.0	6.6	10.7	10.2	49.77
UB356 x 178	45	45.0	351.4	171.1	7.0	9.7	10.2	57.33
	51	51.0	355.0	171.5	7.4	11.5	10.2	64.91
	57	57.0	358.0	172.2	8.1	13.0	10.2	72.56
	67	67.1	363.4	173.2	9.1	15.7	10.2	85.49
UB406 x 140	39	39.0	398.0	141.8	6.4	8.6	10.2	49.65
	46	46.0	403.2	142.2	6.8	11.2	10.2	58.64
UB406 x 178	54	54.1	402.6	177.7	7.7	10.9	10.2	68.95
	60	60.1	406.4	177.9	7.9	12.8	10.2	76.52
	67	67.1	409.4	178.8	8.8	14.3	10.2	85.54
	74	74.2	412.8	179.5	9.5	16.0	10.2	94.51
UB457 x 152	52	52.3	449.8	152.4	7.6	10.9	10.2	66.64
	60	59.8	454.6	152.9	8.1	13.3	10.2	76.23
	67	67.2	458.0	153.8	9.0	15.0	10.2	85.55
	74	74.2	462.0	154.4	9.6	17.0	10.2	94.48
	82	82.1	465.8	155.3	10.5	18.9	10.2	104.5

英标H型钢(UB)
H Section EN10025

尺寸和截面特性 Dimensions and Sectional Properties
British Standard(BS)- Universal Beam
BS4:2005 EN10034:1997 EN10163-3: 2004

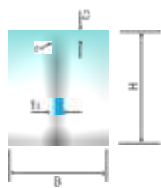


型号 Designation		理论 重量 Unit Weight (kg/m)	截面 尺寸 Standard Sectional Dimension (mm)					截面 面积 Sectional Area (cm²)
			W	H	B	₁	₂	
UB457 x 191	67	67.1	453.4	189.9	8.5	12.7	10.2	85.51
	74	74.3	457.0	190.4	9.0	14.5	10.2	94.63
	82	82.0	460.0	191.3	9.9	16.0	10.2	104.5
	89	89.3	463.4	191.9	10.5	17.7	10.2	113.8
	98	98.3	467.2	192.8	11.4	19.6	10.2	125.3
UB533 x 210	82	82.2	528.3	208.8	9.6	13.2	12.7	104.7
	92	92.1	533.1	209.3	10.1	15.6	12.7	117.4
	101	101.0	536.7	210.0	10.8	17.4	12.7	128.7
	109	109.0	539.5	210.8	11.6	18.8	12.7	138.9
	122	122.0	544.5	211.9	12.7	21.3	12.7	155.4
UB610 x 229	101	101.2	602.6	227.6	10.5	14.8	12.7	128.9
	113	113.0	607.6	228.2	11.1	17.3	12.7	143.9
	125	125.1	612.2	229.0	11.9	19.6	12.7	159.3
	140	139.9	617.2	230.2	13.1	22.1	12.7	178.2
UB610 x 305	149	149.1	612.4	304.8	11.8	19.7	16.5	190.0
	179	179.0	620.2	307.1	14.1	23.6	16.5	228.1
	238	238.1	635.8	311.4	18.4	31.4	16.5	303.3
UB686 x 254	125	125.1	677.9	253.0	11.7	16.2	15.2	159.5
	140	140.1	683.5	253.7	12.4	19.0	15.2	178.4
	152	152.4	687.5	254.5	13.2	21.0	15.2	194.1
	170	170.2	692.9	255.8	14.5	23.7	15.2	216.8
UB762 x 267	134	133.9	750.0	264.4	12.0	15.5	16.5	170.6
	147	146.9	754.0	265.2	12.8	17.5	16.5	187.2
	173	173.0	762.2	266.7	14.3	21.6	16.5	220.4
	197	196.8	769.8	268.0	15.6	25.4	16.5	250.6

英标H型钢(UBP)
H Section EN10025

尺寸和截面特性 Dimensions and Sectional Properties

British Standard(BS)-Universal Bearing Pile
BS4:2005 EN10034:1997 EN10163-3: 2004



型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	₁	₂	
203 x 203	54	53.9	204.0	207.7	11.3	11.4	10.2	68.72
	63	63.0	247.1	256.6	10.6	10.7	12.7	80.22
254 x 254	71	71.0	249.7	258.0	12.0	12.0	12.7	90.39
	85	85.1	254.3	260.4	14.4	14.3	12.7	108.4
305 x 305	79	79.0	299.2	306.0	11.1	11.1	15.2	100.7
	88	88.0	301.7	307.2	12.3	12.3	15.2	111.6
	95	94.9	303.8	308.3	13.4	13.4	15.2	121.7
	110	110.0	307.9	310.3	15.4	15.4	15.2	140.2
	126	126.1	312.4	312.5	17.7	17.7	15.2	161.6
	149	149.1	318.5	315.6	20.7	20.7	15.2	190.0
	186	186.0	328.3	320.9	25.5	25.6	15.2	236.9
	223	222.9	337.9	325.7	30.3	30.4	15.2	284.0
	109	108.9	346.4	371.0	12.8	12.9	15.2	138.7
356 x 368	133	133.0	352.0	373.8	15.6	15.7	15.2	169.4
	152	152.0	356.4	376.0	17.8	17.9	15.2	193.7
	174	173.9	361.4	378.5	20.3	20.4	15.2	221.5

英标H型钢(UC)
H Section EN10025

尺寸和截面特性 Dimensions and Sectional Properties

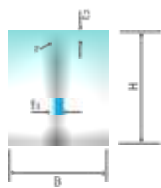
British Standard(BS)-Universal Column
BS4:2005 EN10034:1997 EN10163-3: 2004



型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	₁	₂	
152 x 152	23	23.0	152.4	152.2	5.8	6.8	7.6	29.25
	30	30.0	157.6	152.9	6.5	9.4	7.6	38.26
	37	37.0	161.8	154.4	8.0	11.5	7.6	47.11
203 x 203	46	46.1	203.2	203.6	7.2	11.0	10.2	58.73
	52	52.0	206.2	204.3	7.9	12.5	10.2	66.28
	60	60.0	209.6	205.8	9.4	14.2	10.2	76.37
	71	71.0	215.8	206.4	10.0	17.3	10.2	90.43
	86	86.1	222.2	209.1	12.7	20.5	10.2	109.6
254 x 254	73	73.1	254.1	254.6	8.6	14.2	12.7	93.10
	89	88.9	260.3	256.3	10.3	17.3	12.7	113.3
	107	107.1	266.7	258.8	12.8	20.5	12.7	136.4
	132	132.0	276.3	261.3	15.3	25.3	12.7	168.1
	167	167.1	289.1	265.2	19.2	31.7	12.7	212.9
305 x 305	97	96.9	307.9	305.3	9.9	15.4	15.2	123.4
	118	117.9	314.5	307.4	12.0	18.7	15.2	150.2
	137	136.9	320.5	309.2	13.8	21.7	15.2	174.4
	158	158.1	327.1	311.2	15.8	25.0	15.2	201.4
	198	198.1	339.9	314.5	19.1	31.4	15.2	252.4
	240	240.0	352.5	318.4	23.0	37.7	15.2	305.8
	283	282.9	365.3	322.2	26.8	44.1	15.2	360.4
356 x 368	129	129.0	355.6	368.6	10.4	17.5	15.2	164.3
	153	152.9	362.0	370.5	12.3	20.7	15.2	194.8
	177	177.0	368.2	372.6	14.4	23.8	15.2	225.5
	202	201.9	374.6	374.7	16.5	27.0	15.2	257.2
356 x 406	235	235.1	381.0	394.8	18.4	30.2	15.2	299.4
	287	287.1	393.6	399.0	22.6	36.5	15.2	365.7
	340	339.9	406.4	403.0	26.6	42.9	15.2	433.0
	393	393.0	419.0	407.0	30.6	49.2	15.2	500.6
	467	467.0	436.6	412.2	35.8	58.0	15.2	594.9
	551	551.0	455.6	418.5	42.1	67.5	15.2	701.9
	634	633.9	474.6	424.0	47.6	77.0	15.2	807.5

英标H型钢(UB)
H Section EN10025

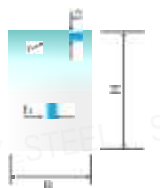
尺寸和截面特性 Dimensions and Sectional Properties
British Standard(BS) - Universal Beam
BS4:2005 EN10034:1997 EN10163-3: 2004



型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	₁	₂	
UB838 x 292	176	175.9	834.9	291.7	14.0	18.8	17.8	224.0
	194	193.8	840.7	292.4	14.7	21.7	17.8	246.8
	226	226.5	850.9	293.8	16.1	26.8	17.8	288.6
UB914 x 305	201	200.9	903.0	303.3	15.1	20.2	19.1	255.9
	224	224.2	910.4	304.1	15.9	23.9	19.1	285.6
	253	253.4	918.4	305.5	17.3	27.9	19.1	322.8
	289	289.1	926.6	307.7	19.5	32.0	19.1	368.3
	343	343.3	911.8	418.5	19.4	32	24.1	437.3
	388	388	921	420.5	21.4	36.6	24.1	494.2
UB1016*305	222	222	970	300	16	21.1	30	282.8
	249	249	980	300	16.5	26	30	316.8
	272	272	990	300	16.5	31	30	346.8
	314	314	1000	300	19.1	35.9	30	400.4
	350	350	1008	302	21.1	40	30	445.4
	393	393	1016	303	24.4	43.9	30	500.2
	415	415	1020	304	26	46	30	528.7
	438	438	1026	305	26.9	49	30	556.3
	494	494	1036	309	31	54	30	629.1
	584	584	1056	314	36	64	30	743.7

澳标H型钢(UB)
H Section AS/NZS3679.1

尺寸和截面特性 Dimensions and Sectional Properties
Australian/New Zealand Universal Beam & Columns
(AS/NZS)-UB AS/NZS 3679.1:2010



型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	₁	₂	
150UB	14	14.0	150	75	5	7	8.0	17.85
	18	18.0	155.0	75.0	6.0	9.5	8.0	22.96
200UB	18	18.2	198.0	99.0	4.5	7.0	11.0	23.18
	23	22.3	201.6	133.0	5.0	7.0	8.9	28.68
	25	25.4	203.2	133.0	5.8	7.8	8.9	32.31
	30	29.8	207.0	134.0	6.3	9.6	8.9	38.24
250UB	26	25.7	248.0	124.0	5.0	8.0	12.0	32.68
	31	31.4	251.5	146.0	6.1	8.6	8.9	40.08
	37	37.3	256.2	146.0	6.4	10.9	8.9	47.51
310UB	32	32.0	298.0	149	5.5	8	13.0	40.80
	41	40.4	304.0	165	6.1	10.2	11.4	52.08
	47	46.2	307.2	166	6.7	11.8	11.4	59.29
360UB	45	44.7	352.0	171.0	6.9	9.7	11.4	57.24
	51	50.7	355.6	171.0	7.3	11.5	11.4	64.73
	57	56.7	358.6	172.0	8.0	13.0	11.4	72.44
410UB	54	53.7	402.6	178.0	7.6	10.9	11.4	68.86
	60	59.7	406.4	178.0	7.8	12.8	11.4	76.39
460UB	67	67.1	453.8	190.0	8.5	12.7	11.4	85.79
	75	74.6	457.4	190.0	9.1	14.5	11.4	95.20
	82	82.1	460.4	191.0	9.9	16.0	11.4	104.6
530UB	82	82.0	528.2	209.0	9.6	13.2	14.0	105.0
	93	92.4	533.0	209.0	10.2	15.6	14.0	118.1
610UB	102	101	602	228	10.6	14.8	14.0	129.8
	114	113	607	228	11.2	17.3	14.0	144.7
	125	125	611.6	229	11.9	19.6	14.0	159.6
690UB	125	125	677.9	253	11.7	16.2	15.2	159.5
	140	140	683.5	253.7	12.4	19	15.2	178.4
760UB	147	147	754	265.2	12.8	17.5	16.5	187.2
	173	173	762.2	266.7	14.3	21.6	16.5	220.4
	197	197	769.8	268	15.6	25.4	16.5	250.6
	220	220	775.5	269.8	17.4	28.3	16.5	280.1
	244	244	781.3	271.6	19.3	31.3	16.5	311.1

澳标H型钢(UC)
H Section AS/NZS3679.1

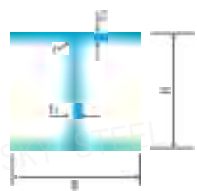
尺寸和截面特性 Dimensions and Sectional Properties
Australian/New Zealand Universal Beam& Columns
(AS/NZS)-UC AS/NZS 3679.1:2010



型号 Designation		理论重量	截面尺寸					截面面积
		Unit Weight (kg/m)	Standard Sectional Dimension (mm)					Sectional Area (cm²)
		W	H	B	₁	₂	r	A
100UC	15	14.8	97.0	99.0	5.0	7.0	10.0	18.87
150UC	23	23.4	152.4	152	6.1	6.8	8.9	29.82
	30	30.0	157.6	153	6.6	9.4	8.9	38.60
	37	37.2	161.8	154	8.1	11.5	8.9	47.34
200UC	46	46.2	203.4	203.0	7.3	11.0	11.4	59.02
	52	52.2	206.4	204.0	8.0	12.5	11.4	66.63
	59	59.5	209.8	205.0	9.3	14.2	11.4	76.21
250UC	73	72.9	253.8	254.0	8.6	14.2	14	93.20
	89	89.5	260.0	256.0	10.5	17.3	14	113.9
310UC	97	96.8	308.0	305.0	9.9	15.4	16.5	123.7
	118	118	314.6	307.0	11.9	18.7	16.5	150.1
	137	137	320.6	309.0	13.8	21.7	16.5	174.7
	158	158	327.2	311.0	15.7	25.0	16.5	201.4

美标H型钢(HP)
H Section H Pile

尺寸和截面特性 Dimensions and Sectional Properties
ASTM A36-14

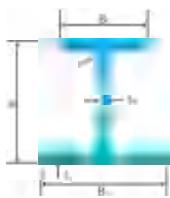


型号 Division (depth x width)	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
		W	H	B	1	2	
HP8 x 8	53.5	203.7	207.1	11.3	11.3	10.2	68.16
HP10 x 10	62.6	246.4	255.9	10.5	10.7	12.7	79.77
	85.3	253.7	259.7	14.4	14.4	12.7	108.6
HP12 x 12	78.3	299.2	305.9	11.0	11.0	15.2	99.77
	93.4	303.3	308.0	13.1	13.1	15.2	119.0
	111	308.1	310.3	15.4	15.5	15.2	140.8
	125	311.9	312.3	17.4	17.4	15.2	158.9
HP14 x 14½	108	345.7	370.5	12.8	12.8	15.2	137.8
	132	351.3	373.3	15.6	15.6	15.2	168.4
	152	355.9	375.5	17.9	17.9	15.2	193.7
	174	360.9	378.1	20.4	20.4	15.2	221.5

不对称H型钢(ASY)
Asymmetric H-Beam

尺寸和截面特性 Dimensions and Sectional Properties

KS D 3502:2013

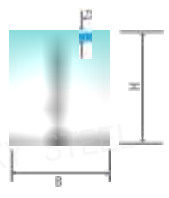


型号 Designation	理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)				截面面积 Sectional Area (cm²)
		HxBxBb	w	r	r	
312 x 234 x 344	111	312 x 234 x 344	12	18	22	141.3
320 x 236 x 346	134	320 x 236 x 346	14	22	22	170.8
328 x 238 x 348	158	328 x 238 x 348	16	26	22	200.7
336 x 240 x 350	181	336 x 240 x 350	18	30	22	230.8

德标工字钢/欧标工字钢(IPE)
H Section DIN1025/EN10025

尺寸和截面特性 Dimensions and Sectional Properties

EN10034:1997 EN10163-3: 2004

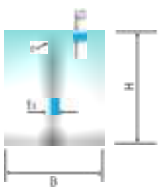


型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	1	2	
IPE80	A	5	78	46.0	3.3	4.2	5.0	6.38
	-	6	80	46.0	3.8	5.2	5.0	7.64
IPE100	A	6.9	98	55.0	3.6	4.7	7.0	8.8
	-	8.1	100	55.0	4.1	5.7	7.0	10.3
IPE120	A	8.66	117.6	64.0	3.8	5.1	7.0	11.03
	-	10.4	120.0	64.0	4.4	6.3	7.0	13.21
IPE140	A	10.5	137.4	73.0	3.8	5.6	7.0	13.39
	-	12.9	140.0	73.0	4.7	6.9	7.0	16.43
IPE160	A	12.7	157.0	82.0	4.0	5.9	9.0	16.18
	-	15.8	160.0	82.0	5.0	7.4	9.0	20.09
IPE180	A	15.4	177.0	91.0	4.3	6.5	9.0	19.58
	-	18.8	180.0	91.0	5.3	8.0	9.0	23.95
	O	21.3	182.0	92.0	6.0	9.0	9.0	27.10
IPE200	A	18.4	197.0	100.0	4.5	7.0	12.0	23.47
	-	22.4	200.0	100.0	5.6	8.5	12.0	28.48
	O	25.1	202.0	102.0	6.2	9.5	12.0	31.96
IPE220	A	22.2	217.0	110.0	5.0	7.7	12.0	28.26
	-	26.2	220.0	110.0	5.9	9.2	12.0	33.37
	O	29.4	222.0	112.0	6.6	10.2	12.0	37.39
IPE240	A	26.2	237.0	120.0	5.2	8.3	15.0	33.31
	-	30.7	240.0	120.0	6.2	9.8	15.0	39.12
	O	34.3	242.0	122.0	7.0	10.8	15.0	43.71
IPE270	A	30.7	267.0	135.0	5.5	8.7	15.0	39.15
	-	36.1	270.0	135.0	6.6	10.2	15.0	45.95
	O	42.3	274.0	136.0	7.5	12.2	15.0	53.84

德标工字钢/欧标工字钢(IPE)
H Section DIN1025/EN10025

尺寸和截面特性 Dimensions and Sectional Properties

EN10034:1997 EN10163-3: 2004

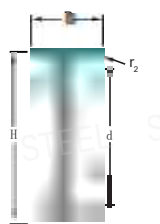


型号 Designation		理论重量 Unit Weight (kg/m)	截面尺寸 Standard Sectional Dimension (mm)					截面面积 Sectional Area (cm²)
			W	H	B	₁	₂	
IPE300	A	36.5	297.0	150.0	6.1	9.2	15.0	46.53
	-	42.2	300.0	150.0	7.1	10.7	15.0	53.81
	O	49.3	304.0	152.0	8.0	12.7	15.0	62.83
IPE330	A	43.0	327.0	160.0	6.5	10.0	18.0	54.74
	-	49.2	330.0	160.0	7.5	11.5	18.0	62.61
	O	57.0	334.0	162.0	8.5	13.5	18.0	72.62
IPE360	A	50.2	357.6	170.0	6.6	11.5	18.0	63.96
	-	57.1	360.0	170.0	8.0	12.7	18.0	72.73
IPE400	A	57.4	397.0	180.0	7.0	12.0	21.0	73.10
	-	66.3	400.0	180.0	8.6	13.5	21.0	84.46
	O	75.7	404.0	182.0	9.7	15.5	21.0	96.39
IPE450	A	67.2	447.0	190.0	7.6	13.1	21.0	85.55
	-	77.6	450.0	190.0	9.4	14.6	21.0	98.82
	O	92.4	456.0	192.0	11.0	17.6	21.0	117.7
IPE500	A	79.4	497.0	200.0	8.4	14.5	21.0	101.1
	-	90.7	500.0	200.0	10.2	16.0	21.0	115.5
	O	107	506.0	202.0	12.0	19.0	21.0	136.7
IPE550	A	92.1	547.0	210.0	9.0	15.7	24.0	117.3
	-	106	550.0	210.0	11.1	17.2	24.0	134.4
	O	123	556.0	212.0	12.7	20.2	24.0	156.1
IPE600	A	108	597.0	220.0	9.8	17.5	24.0	137.0
	-	122	600.0	220.0	12.0	19.0	24.0	156.0
	O	154	610.0	224.0	15.0	24.0	24.0	196.8

欧标工字钢(IPN)
DIN1025/EN10025

尺寸和截面特性 Dimensions and Sectional Properties

EN10034:1997 EN10163-3: 2004



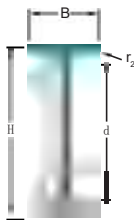
型号 Designation Bezeichnung	重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)						截面面积 Sectional Area mm² x10m²
		G	H	B	w	f	₁	₂
IPN 80*	5,94	80	42	3,9	5,9	3,9	2,3	7,57
IPN 100*	8,34	100	50	4,5	6,8	4,5	2,7	10,6
IPN 120*	11,1	120	58	5,1	7,7	5,1	3,1	14,2
IPN 140*	14,3	140	66	5,7	8,6	5,7	3,4	18,2
IPN 160*	17,9	160	74	6,3	9,5	6,3	3,8	22,8
IPN 180*	21,9	180	82	6,9	10,4	6,9	4,1	27,9
IPN 200*	26,2	200	90	7,5	11,3	7,5	4,5	33,4
IPN 220*	31,1	220	98	8,1	12,2	8,1	4,9	39,5
IPN 240*	36,2	240	106	8,7	13,1	8,7	5,2	46,1
IPN 260*	41,9	260	113	9,4	14,1	9,4	5,6	53,3
IPN 280*	47,9	280	119	10,1	15,2	10,1	6,1	61,0
IPN 300*	54,2	300	125	10,8	16,2	10,8	6,5	69,0
IPN 320*	61,0	320	131	11,5	17,3	11,5	6,9	77,7
IPN 340*	68,0	340	137	12,2	18,3	12,2	7,3	86,7
IPN 360*	76,1	360	143	13	19,5	13	7,8	97,0
IPN 380*	84,0	380	149	13,7	20,5	13,7	8,2	107
IPN 400*	92,4	400	155	14,4	21,6	14,4	8,6	118
IPN 450*	115	450	170	16,2	24,3	16,2	9,7	147
IPN 500*	141	500	185	18	27	18	10,8	179
IPN 550*	166	550	200	19	30	19	11,9	212
IPN 600*	199	600	215	21,6	32,4	21,6	13	254

美标工字钢(S)

Dimensions and Sectional Properties

尺寸和截面特性 Dimensions and Sectional Properties

ASTM A6/A6M-14



型号 Designation Bezeichnung	重量	截面 尺寸						截面 面积
	Unit Weight (kg/m)	Dimensions Abmessungen (mm)						Sectional Area mm² x10m²
	G	H	B	w	f	1	2	A
S 75 x 8.5*	8,5	76	59	4,3	6,6	7,0	2,1	10,8
S 75 x 11.2*	11,2	76	64	8,9	6,6	7,0	3,8	14,3
S 100 x 11.5*	11,5	102	68	4,9	7,4	7,5	4,1	14,5
S 100 x 14.1*	14,1	102	71	8,3	7,4	7,5	4,8	18,0
S 130 x 15*	15,0	127	76	5,4	8,3	7,9	4,9	18,8
S 150 x 18.6*	18,6	152	85	5,9	9,1	7,9	4,9	23,6
S 150 x 25.7*	25,7	152	91	11,8	9,1	8,5	5,0	32,7
S 200 x 27.4*	27,4	203	102	6,9	10,8	8,5	5,0	34,8
S 200 x 34*	34,0	203	106	11,2	10,8	9,5	5,2	43,7
S 250 x 37.8*	37,8	254	118	7,9	12,5	10,5	6,0	48,1
S 250 x 52*	52,0	254	126	15,1	12,5	10,5	6,0	66,5
S 310 x 47.3*	47,3	305	127	8,9	13,8	11,5	6,5	60,3
S 310 x 52*	52,0	305	129	10,9	13,8	11,5	6,5	66,5
S 310 x 60.7*	60,7	305	133	11,7	16,7	14,0	6,5	77,4
S 310 x 74*	74,0	305	139	17,4	16,7	14,0	6,5	94,8
S 380 x 64*	64,0	381	140	10,4	15,8	13,0	6,5	81,3
S 380 x 74*	74,0	381	143	14,0	15,8	13,0	7,8	94,8
S 460 x 81.4*	81,4	457	152	11,7	17,6	14,5	9,0	104
S 460 x 104*	104	457	159	18,1	17,6	14,5	9,0	133
S 510 x 98*	98,0	508	159	12,8	20,2	15,0	9,4	125
S 510 x 112*	112	508	162	16,1	20,2	15,0	9,4	142
S 510 x 128*	128	516	179	16,8	23,4	15,0	9,4	163
S 510 x 143*	143	516	183	20,3	23,4	15,0	9,4	182
S 610 x 119*	119	610	178	12,7	22,1	15,5	9,6	152
S 610 x 134*	134	610	181	15,9	22,1	15,5	9,6	171
S 610 x 149*	149	610	184	18,9	22,1	15,5	9,6	189
S 610 x 158*	158	622	200	15,7	27,7	15,5	9,6	201
S 610 x 180*	180	622	204	20,3	27,7	15,5	9,6	230

日标工字钢(IB)

I-Beam

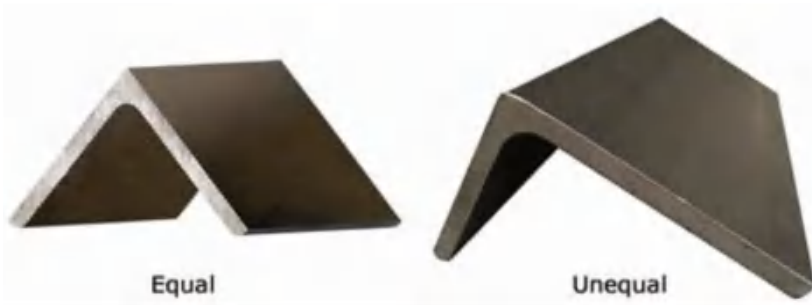
尺寸和截面特性 Dimensions and Sectional Properties

(1)KS D 3502:2016 JIS G 3192:2008



型号 Designation	理论重量	截面尺寸						截面面积
	Unit Weight (kg/m)	Dimensions Abmessungen (mm)						Sectional Area mm² x10m²
	M	H	B	1	2	1	2	A
100*75	12.9	100	75	5	8	7	3.5	16.43
125*75	16.1	125	75	5.5	9.5	9	4.5	20.45
150*75	17.1	150	75	5.5	9.5	9	4.5	21.83
150*125	36.2	150	125	8.5	14	13	6.5	46.15
180*100	23.6	180	100	6	10	10	5	33.06
200*100	26	200	100	7	10	10	5	33.06
200*150	50.4	200	150	9	16	15	7.5	64.16
250*125	38.3	250	125	7.5	12.5	12	6	48.79
250*125	55.5	250	125	10	19	21	6	70.73
300*150	48.3	300	150	8	13	12	6	61.58
300*150	65.5	300	150	10	18.5	19	9.5	83.47
300*150	76.8	300	150	11.5	22	23	11.5	97.88
300*150	58.5	300	150	9	15	13	6.5	74.58
350*150	87.2	350	150	12	24	25	12.5	111.1
400*150	72	400	150	10	18	17	8.5	91.73
400*150	95.8	400	150	12.5	25	27	13.5	122.1
450*175	91.7	450	175	11	20	19	9.5	116.8
450*175	115	450	175	13	26	27	13.5	146.1
600*190	133	600	190	13	25	25	12.5	169.4
600*190	176	600	190	16	35	38	19	224.5

Angle Bar (Equal)



Material & Grade	
Type	Equal Angle Unequal Angle
Steel Grade	GB: Q235B, Q355B ASTM: A36, A572-50 EN: S235JR, S275JR, S355JR
Standard	GB/T 706 ,ASTM A36/A36M ,EN 10025,JIS G3192
Size Designation	Equilateral: Leg width (b) x Leg width (b) x Thickness (t) Irregular: Long leg width (B) x Short leg width (b) x Thickness (t) Example: 50mm x 50mm x 5mm or 100mm x 75mm x 8mm
Leg Width (b/B)	Equilateral: 20mm - 200mm
Thickness (t)	3mm - 24mm
Length	6m, 9m, 12m (standard lengths), or custom lengths
Process	Hot Rolled
Surface Treatment	1. Black (As Rolled) 2. Hot-Dip Galvanized 3. Painted 4. Shot Blasted
Category	Cutting / Drilling & Punching/ Welding/Cold Bending



Black



Shot Blasted



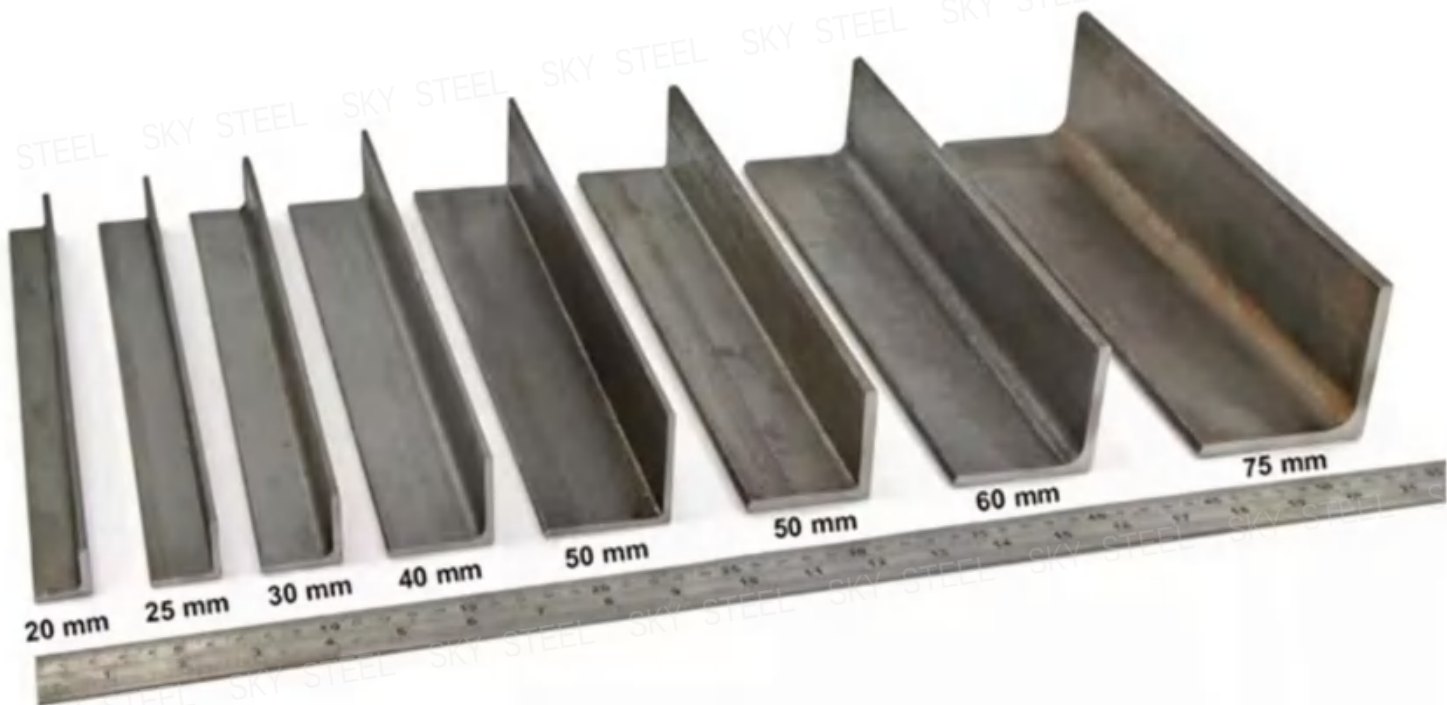
Primed



Galvanized

Angle Steel (Unequal)

Mild Steel Angle Lron 200 mm - 3000 mm Long



Cutting



Drilling & Punching



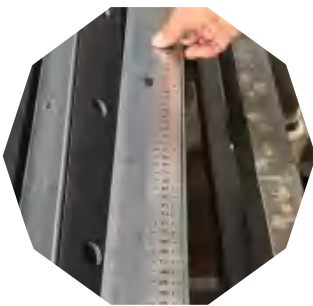
Welding



Cold Bending

Packaging Details:

Standard Export Bundle: Securely tied with high-strength steel bands, it can be covered with waterproof paper or plastic film.



Size Specification

日标等边角钢(L)
Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

KS D 3502:2016 JIS G 3192:2008



型号 Designation	截面 面积 Sectional Area (cm²)	Standard Sectional Dimension (mm)				理论 重量 Unit Weight (kg/m)
		A	t	1	2	
25x25	1.427	3	4	2		1.12
30x30	1.727	3	4	2		1.36
40x40	2.336	3	4.5	2		1.83
40x40	3.755	5	4.5	3		2.95
45x45	3.492	4	6.5	3		2.74
45x45	4.302	5	6.5	3		3.38
50x50	3.892	4	6.5	3		3.06
50x50	4.802	5	6.5	3		3.77
50x50	5.644	6	6.5	4.5		4.43
60x60	4.692	4	6.5	3		3.68
60x60	5.802	5	6.5	3		4.55
65x65	6.367	5	8.5	3		5.00
65x65	7.527	6	8.5	4		5.91
65x65	9.761	8	8.5	6		7.66
70x70	8.127	6	8.5	4		6.38
75x75	8.727	6	8.5	4		6.85
75x75	12.29	9	8.5	6		9.96
75x75	16.56	12	8.5	6		13.0
80x80	9.327	6	8.5	4		7.32
90x90	10.55	6	10	5		8.28
90x90	12.22	7	10	5		9.59
90x90	17.00	10	10	7		13.3
90x90	21.71	13	10	7		17.0
100x100	13.62	7	10	5		10.7
100x100	19.00	10	10	7		14.9
100x100	24.31	13	10	7		19.1
120x120	18.76	8	12	5		14.7
130x130	22.74	9	12	6		17.9
130x130	29.76	12	12	8.5		23.4
130x130	36.75	15	12	8.5		28.8
150x150	34.77	12	14	7		27.3
150x150	42.74	15	14	10		33.6
150x150	53.38	19	14	10		41.9
175x175	40.52	12	15	11		31.8
175x175	50.21	15	15	11		39.4
200x200	57.75	15	17	12		45.3
200x200	76.00	20	17	12		59.7
200x200	93.75	25	17	12		73.6
250x250	119.4	25	24	12		93.7
259x250	162.6	25	24	18		128

日标不等边角钢(L)
Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

KS D 3502:2016 JIS G 3192:2008



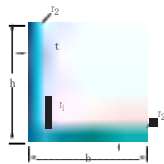
型号 Designation	截面 面积 Sectional Area (cm²)	截面 尺寸 Standard Sectional Dimension (mm)				理论 重量 Unit Weight (kg/m)
		A	t	1	2	
90x75	14.04	9	8.5	6		11.0
100x75	11.87	7	10	5		9.32
100x75	16.50	10	10	7		13.0
125x75	13.62	7	10	5		10.7
125x75	19.00	10	10	7		14.9
125x75	24.31	13	10	7		19.1
125x90	20.50	10	10	7		16.1
125x90	26.26	13	10	7		20.6
125x90	20.94	9	12	6		16.4
125x90	27.36	12	12	8.5		21.5
150x100	21.84	9	12	6		17.1
150x100	28.56	12	12	8.5		22.4
150x100	35.25	15	12	8.5		27.7

型号 Designation	截面 面积 Sectional Area (cm²)	截面 尺寸 Standard Sectional Dimension (mm)				理论 重量 Unit Weight (kg/m)
		A	1	2	1	
200x90	29.66	9	14	14	7	23.3
250x90	37.47	10	15	17	8.5	29.4
250x90	42.95	12	16	17	8.5	33.7
300x90	46.22	11	16	19	9.5	36.3
300x90	52.67	13	17	19	9.5	41.3
350x100	57.74	12	17	22	11	45.3
400x100	68.59	13	18	24	12	53.8

欧标等边角钢(L)
Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

EN10056-1:1999 EN10056-2:1993 EN10163-3:2004

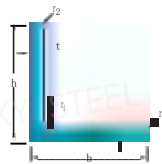


型号 Designation Bezeichnung	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				截面面积 Sectional Area mm ² x10mm ²
		H=B	t	1	2	
L 20 x 20 x 3-	0,879	20	3	3,5	2,0	1,12
L 25 x 25 x 3 ^{+/-} #	1,11	25	3	3,5	2,0	1,42
L 25 x 25 x 4 ^{+/-} #	1,45	25	4	3,5	2,0	1,85
L 30 x 30 x 3 ^{+/-} #	1,36	30	3	5	2,5	1,74
L 30 x 30 x 4 ^{+/-} #	1,78	30	4	5	2,5	2,27
L 35 x 35 x 4 ^{+/-} #	2,09	35	4	5	2,5	2,67
L 40 x 40 x 4 ^{+/-} #	2,42	40	4	6	3,0	3,08
L 40 x 40 x 5 ^{+/-} #	2,97	40	5	6	3,0	3,79
L 45 x 45 x 4 ^{+/-} #	2,74	45	4	7	3,5	3,49
L 45 x 45 x 4,5 ^{+/-} #	3,06	45	4,5	7	3,5	3,90
L 45 x 45 x 5 ^{+/-} #	3,38	45	5	7	3,5	4,30
L 50 x 50 x 4 ^{+/-} #	3,06	50	4	7	3,5	3,89
L 50 x 50 x 5 ^{+/-} #	3,77	50	5	7	3,5	4,80
L 50 x 50 x 6 ^{+/-} #	4,47	50	6	7	3,5	5,69
L 50 x 50 x 7 ^{+/-} #	5, 15	50	7	7	3,5	6,56
L 55 x 55 x 5 ^{+/-} #	4, 18	55	5	8	4,0	5,32
L 55 x 55 x 6 ^{+/-} #	4,95	55	6	8	4,0	6,31
L 60 x 60 x 4 ⁺	3,70	60	4	8	4,0	4,71
L 60 x 60 x 5 ^{+/-} #	4,57	60	5	8	4,0	5,82
L 60 x 60 x 6 ^{+/-} #	5,42	60	6	8	4,0	6,91
L 60 x 60 x 8 ^{+/-} #	7,09	60	8	8	4,0	9,03
L 65 x 65 x 6 ^{+/-} #	5,91	65	6	9	4,5	7,53
L 65 x 65 x 7 ⁻	6,83	65	7	9	4,5	8,70
L 65 x 65 x 8 ^{+/-} #	7,73	65	8	9	4,5	9,85

欧标等边角钢(L)
Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

EN10056 -1:1999 EN10056-2:1993 EN10163-3:2004

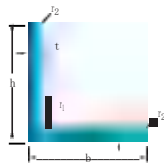


型号 Designation Bezeichnung	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				截面面积 Sectional Area mm ² x10mm ²
		H=B	t	1	2	
L 70 x 70 x 6 ⁻	6,38	70	6	9	4,5	8,13
L 70 x 70 x 7 ⁻	7,38	70	7	9	4,5	9,40
L 70 x 70 x 8 ^{+/-} #	8,37	70	8	10	5,0	10,7
L 70 x 70 x 9 ^{+/-} #	9,32	70	9	9	4,5	11,9
L 75 x 75 x 4 ⁺	4,65	75	4	9	4,5	5,93
L 75 x 75 x 5 ⁺	5,76	75	5	9	4,5	7,34
L 75 x 75 x 6 ⁻	6,85	75	6	9	4,5	8,73
L 75 x 75 x 7 ⁺	7,93	75	7	9	4,5	10,1
L 75 x 75 x 8 ⁻	8,99	75	8	9	4,5	11,4
L 75 x 75 x 10 ⁺	11,1	75	10	9	4,5	14,1
L 80 x 80 x 5 ⁺	6,17	80	5	10	5,0	7,86
L 80 x 80 x 6 ^{+/-} #	7,34	80	6	10	5,0	9,35
L 80 x 80 x 7 ⁺	8,49	80	7	10	5,0	10,8
L 80 x 80 x 8 ⁻	9,63	80	8	10	5,0	12,3
L 80 x 80 x 10 ⁻	11,9	80	10	10	5,0	15,1
L 90 x 90 x 6 ^{+/-} #	8,28	90	6	10	5,0	10,5
L 90 x 90 x 7 ⁻	9,61	90	7	11	5,5	12,2
L 90 x 90 x 8 ⁻	10,9	90	8	11	5,5	13,9
L 90 x 90 x 9 ⁻	12,2	90	9	11	5,5	15,5
L 90 x 90 x 10 ⁻	13,4	90	10	11	5,5	17,1
L 90 x 90 x 11 ⁺	14,7	90	11	11	5,5	18,7
L 100 x 100 x 6 ^{+/-} #	9,26	100	6	12	6,0	11,8
L 100 x 100 x 7 ⁺	10,7	100	7	12	6,0	13,7
L 100 x 100 x 8 ^{+/-} #	12,2	100	8	12	6,0	15,5
L 100 x 100 x 10 ⁺ /- #	15,0	100	10	12	6,0	19,2
L 100 x 100 x 12 ⁺ /- #	17,8	100	12	12	6,0	22,7
L 110 x 110 x 8 ^{+/-} #	13,4	110	8	12	6,0	17,1
L 110 x 110 x 10 ⁺ / #	16,6	110	10	13	6,5	21,2
L 110 x 110 x 12 ⁺	19,7	110	12	13	6,5	25,1

欧标等边角钢(L)
Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

(1)EN10056 -1:1999 EN10056-2:1993 EN10163-3:2004

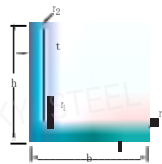


型号 Designation Bezeichnung	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				截面面积 Sectional Area mm ² x10m ²
		G	H=B	t	₁	₂
L 120 x 120 x 8* / ⁸ /x	14,7	120	8	13	6,5	18,7
L 120 x 120 x 10 -/x	18,2	120	10	13	6,5	23,2
L 120 x 120 x 11 =/x	19,9	120	11	13	6,5	25,4
L 120 x 120 x 12 -/x	21,6	120	12	13	6,5	27,5
L 120 x 120 x 13*/x	23,3	120	13	13	6,5	29,7
L 120 x 120 x 15*/x	26,6	120	15	13	6,5	33,9
L 120 x 120 x 16*/x	28,3	120	16	13	6,5	36,0
L 130 x 130 x 10*	19,8	130	10	14	7,0	25,2
L 130 x 130 x 12*/-	23,5	130	12	14	7,0	30,0
L 130 x 130 x 13*/x	25,4	130	13	14	7,0	32,3
L 130 x 130 x 14*/=	27,2	130	14	14	7,0	34,7
L 130 x 130 x 16*	30,8	130	16	14	7,0	39,3
L 150 x 150 x 10 +/-x	23,0	150	10	16	8,0	29,3
L 150 x 150 x 12 +/-x	27,3	150	12	16	8,0	34,8
L 150 x 150 x 13 +/x	29,5	150	13	16	8,0	37,6
L 150 x 150 x 14 +/-/x	31,6	150	14	16	8,0	40,3
L 150 x 150 x 15 +/-/x	33,8	150	15	16	8,0	43,0
L 150 x 150 x 16 +/x	35,9	150	16	16	8,0	45,7
L 150 x 150 x 18 +/x	40,1	150	18	16	8,0	51,0
L 150 x 150 x 20 +/x	44,2	150	20	16	8,0	56,3
L 160 x 160 x 14 +	33,9	160	14	17	8,5	43,2
L 160 x 160 x 15 +/-	36,2	160	15	17	8,5	46,1
L 160 x 160 x 16 +	38,4	160	16	17	8,5	49,0
L 160 x 160 x 17 +/-*	40,7	160	17	17	8,5	51,8

欧标等边角钢(L)
Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

(1)EN10056 -1:1999 EN10056-2:1993 EN10163-3:2004

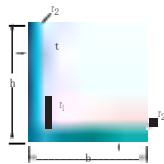


型号 Designation Bezeichnung	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				截面面积 Sectional Area mm ² x10m ²
		G	H=B	t	₁	₂
L 180 x 180 x 13 +/-x	35 ,7	180	13	18	9,0	45,5
L 180 x 180 x 14 +/-x	38 ,3	180	14	18	9,0	48,8
L 180 x 180 x 15 +/-x	40 ,9	180	15	18	9,0	52,1
L 180 x 180 x 16 +/-/x	43 ,5	180	16	18	9,0	55,4
L 180 x 180 x 17 +/-x	46 ,0	180	17	18	9,0	58,7
L 180 x 180 x 18 +/-/x	48 ,6	180	18	18	9,0	61,9
L 180 x 180 x 19 +/-x	51 ,1	180	19	18	9,0	65,1
L 180 x 180 x 20 +/-x	53 ,7	180	20	18	9,0	68,3
L 200 x 200 x 15 +/-x	45 ,6	200	15	18	9,0	58,1
L 200 x 200 x 16 +/-/x	48 ,5	200	16	18	9,0	61,8
L 200 x 200 x 17 +/-x	51 ,4	200	17	18	9,0	65,5
L 200 x 200 x 18 +/-/x	54 ,2	200	18	18	9,0	69,1
L 200 x 200 x 19 +/-x	57 ,1	200	19	18	9,0	72,7
L 200 x 200 x 20 +/-/x	59 ,9	200	20	18	9,0	76,3
L 200 x 200 x 21 +/-x	62 ,8	200	21	18	9,0	79,9
L 200 x 200 x 22 +/-x	65 ,6	200	22	18	9,0	83,5
L 200 x 200 x 23 +/-x	68 ,3	200	23	18	9,0	87,1
L 200 x 200 x 24 +/-/x	71 ,1	200	24	18	9,0	90,6
L 200 x 200 x 25 +/-x	73 ,9	200	25	18	9,0	94,1
L 200 x 200 x 26 +/-x	76 ,6	200	26	18	9,0	97,6
L 250 x 250 x 20 +	75 ,6	250	20	18	9,0	96,3
L 250 x 250 x 21 +	79 ,2	250	21	18	9,0	101
L 250 x 250 x 22 +	82 ,8	250	22	18	9,0	106
L 250 x 250 x 23 +	86 ,4	250	23	18	9,0	110
L 250 x 250 x 24 +	90 ,0	250	24	18	9,0	115
L 250 x 250 x 25 +	93 ,5	250	25	18	9,0	119
L 250 x 250 x 26 +	97 ,0	250	26	18	9,0	124
L 250 x 250 x 27 +	101	250	27	18	9,0	128
L 250 x 250 x 28 +/-	104	250	28	18	9,0	133
L 250 x 250 x 35 +/-	128	250	35	18	9,0	163

欧标不等边角钢(L) Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

(1)EN10056 -1:1999 EN10056-2:1993 EN10163-3:2004

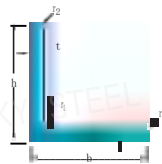


型号 Designation Bezeichnung	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)					Sectional
		G	H	B	t	1	2
L 100 x 65 x 7	8,77	100	65	7	10	5,0	11,2
L 100 x 65 x 8	9,94	100	65	8	10	5,0	12,7
L 100 x 65 x 9 [#]	11,1	100	65	9	10	5,0	14,1
L 100 x 65 x 10 [·]	12,3	100	65	10	10	5,0	15,6
L 100 x 65 x 12	14,5	100	65	12	10	5,0	18,5
L 110 x 70 x 10 [#]	13,4	110	70	10	10	5,0	17,1
L 110 x 70 x 12 [#]	15,9	110	70	12	10	5,0	20,3
L 120 x 80 x 8	12,2	120	80	8	11	5,5	15,5
L 120 x 80 x 10 [·]	15,0	120	80	10	11	5,5	19,1
L 120 x 80 x 12 [·]	17,8	120	80	12	11	5,5	22,7
L 125 x 75 x 8	12,2	125	75	8	11	5,5	15,5
L 125 x 75 x 9	13,6	125	75	9	11	5,5	17,3
L 125 x 75 x 10 [·]	15,0	125	75	10	11	5,5	19,1
L 125 x 75 x 12 [·]	17,8	125	75	12	11	5,5	22,7
L 130 x 90 x 10 [#]	16,6	130	90	10	11	5,0	21,2
L 130 x 90 x 12 [#]	19,7	130	90	12	12	6,0	25,1
L 130 x 90 x 14 [#]	22,8	130	90	14	11	5,0	29,0
L 140 x 90 x 8 [#]	14,0	140	90	8	11	5,5	17,9
L 140 x 90 x 10 [#]	17,4	140	90	10	11	5,5	22,1
L 140 x 90 x 12 [#]	20,6	140	90	12	11	5,5	26,3
L 140 x 90 x 14 [#]	23,8	140	90	14	11	5,5	30,4
L 150 x 75 x 9 ^{+/-}	15,4	150	75	9	12	6,0	19,6
L 150 x 75 x 10 ^{+/-}	17,0	150	75	10	12	6,0	21,7
L 150 x 75 x 11 [*]	18,6	150	75	11	12	6,0	23,7
L 150 x 75 x 12 [*]	20,2	150	75	12	12	6,0	25,7
L 150 x 90 x 10 ^{+/-x}	18,2	150	90	10	12	6,0	23,2
L 150 x 90 x 11 ^{+/-x}	19,9	150	90	11	12	6,0	25,3
L 150 x 90 x 12 ^{+/-x}	21,6	150	90	12	12	6,0	27,5
L 150 x 90 x 15 ^{+/-x}	26,6	150	90	15	12	6,0	33,9
L 150 x 100 x 10 ^{-/+x}	19,0	150	100	10	12	6,0	24,2
L 150 x 100 x 12 ^{-/+x}	22,5	150	100	12	12	6,0	28,7
L 150 x 100 x 14 ^{+/-x}	26,1	150	100	14	12	6,0	33,2
L 200 x 100 x 10 ^{-/+x}	23,0	200	100	10	15	7,5	29,2
L 200 x 100 x 12 ^{-/+x}	27,3	200	100	12	15	7,5	34,8
L 200 x 100 x 14 ^{≡/x}	31,6	200	100	14	15	7,5	40,3
L 200 x 100 x 15 ^{+/-x}	33,7	200	100	15	15	7,5	43,0

美标等边角钢(L) Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

(1)ASTM A36/A6M-14

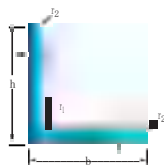


英制规格 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	规格型号 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	理论重量 Unit Weight (kg/m)	英制规格 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	规格型号 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	理论重量 Unit Weight (kg/m)
L3/4×3/4×1/8	L19*19*3.2	0.88	L3-1/2×3-1/2×1/4	L89*89*6.4	8.64
L1×1×3/16	L25.4*25.4*4.8	1.73	L4×4×1/2	L102*102*12.7	19.07
L1×1×1/8	L25.4*25.4*3.2	1.19	L4×4×7/16	L102*102*11.1	16.83
L1-1/4×1-1/4×3/16	L32*32*4.8	2.20	L4×4×3/8	L102*102*9.5	14.60
L1-1/4××1-1/4×1/8	L32*32*3.2	1.50	L4×4×5/16	L102*102*7.9	12.21
L1-1/2×1-1/2×3/16	L38*38*4.8	2.68	L4×4×1/4	L102*102*6.4	9.83
L1-1/2×1-1/2×5/32	L38*38*4.0	2.26	L5×5×1/2	L127*127*12.7	24.13
L1-1/2×1-1/2×1/8	L38*38*3.2	1.83	L5×5×7/16	L127*127*11.1	21.30
L1-3/4×1-3/4×3/16	L44.5*44.5*4.8	3.16	L5×5×3/8	L127*127*9.5	18.32
L1-3/4×1-3/4×1/8	L44.5*44.5*3.2	2.14	L5×5×5/16	L127*127*7.9	15.34
L2×2×1/4	L51*51*6.3	4.75	L6×6×5/8	L152*152*15.9	36.05
L2×2×3/16	L51*51*4.8	3.63	L6×6×9/16	L152*152*14.3	32.62
L2×2×1/8	L51*51*3.2	2.46	L6×6×1/2	L152*152*12.7	29.19
L2-1/2×2-1/2×5/16	L64*64*7.9	7.45	L6×6×7/16	L152*152*11.1	25.62
L2-1/2×2-1/2×1/4	L64*64*6.4	6.11	L6×6×3/8	L152*152*9.5	22.19
L2-1/2×2-1/2×3/16	L64*64*4.8	4.57	L6×6×5/16	L152*152*7.9	18.47
L3×3×3/8	L76*76*9.5	10.72	L8×8×1	L203*203*25.4	75.96
L3×3×5/16	L76*76*7.9	9.09	L8×8×7/8	L203*203*22.2	67.03
L3×3×1/4	L76*76*6.4	7.30	L8×8×3/4	L203*203*19	57.94
L3×3×3/16	L76*76*4.8	5.53	L8×8×5/8	L203*203*15.9	48.71
L3-1/2×3-1/2×3/8	L89*89*9.5	12.66	L8×8×9/16	L203*203*14.3	44.09
L3-1/2×3-1/2×5/16	L89*89*7.9	10.72			

美标不等边角钢(L)
Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

(1)ASTM A36/A6M-14



英制规格 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	规格型号 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	理论 重量 Unit Weight (kg/m)	英制规格 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	规格型号 边宽*边宽*边厚 (英寸) Inch specifications side width side width side thickness (inch)	理论 重量 Unit Weight (kg/m)
L1-3/4×1-1/4×1/8	44.5*31.8*3.2	1.833	L5×3-1/2×5/16	L127*89*7.9	12.9
L1-3/4×1-1/4×3/16	44.5*31.8*4.7	2.414	L5×3-1/2×3/8	L127*89*9.5	15.4
L2×1-1/4×3/16	51*31.8*4.7	2.92	L5×3-1/2×1/2	L127*89*12.7	20.2
L2×1-1/4×1/4	51*31.8*6.3	3.798	L6×3-1/2×5/16	152*89*7.9	14.5
L2-1/2×1-1/2×3/16	64*38*4.8	3.6	L6×3-1/2×3/8	152*89*9.5	17.3
L2-1/2×1-1/2×1/4	64*38*6.4	4.8	L6 × 3-1/2 × 1/2	152*89*12.7	22.7
L3×2×3/16	76*51*4.8	4.6	L6×4×5/16	L152*102*7.9	15.3
L3×2×1/4	76*51*6.4	6.1	L6×4×3/8	L152*102*9.5	18.2
L3×2×5/16	76*51*7.9	7.4	L6×4×7/16	L152*102*11.1	21.2
L3×2-1/2×3/16	L76*64*4.8	5.1	L6×4×1/2	L152*102*12.7	24.0
L3×2-1/2×1/4	L76*64*6.4	6.7	L6×4×9/16	L152*102*14.3	26.8
L3×2-1/2×5/16	L76*64*7.9	8.3	L6×4×5/8	L152*102*15.9	29.6
L3×2-1/2×3/8	L76*64*9.5	9.8	L7×4×3/8	L178*102*9.5	20.2
L3-1/2×2-1/2×1/4	L89*64*6.4	7.3	L7×4×7/16	L178*102*11.1	23.4
L3-1/2×2-1/2×5/16	L89*64*7.9	9.0	L7×4×1/2	L178*102*12.7	26.5
L3-1/2×2-1/2×3/8	L89*64*9.5	10.7	L7×4×5/8	L178*102*15.9	32.7
L3-1/2×2-1/2×1/2	L89*64*12.7	13.9	L7×4×3/4	L178*102*19	38.8
L3-1/2×3×1/4	L89*76*6.4	8.0	L8×4×1/2	L203*102*12.7	29.0
L3-1/2×3×5/16	L89*76*7.9	9.8	L8×4×9/16	L203*102*14.3	32.4
L3-1/2×3×3/8	L89*76*9.5	11.7	L8×4×5/8	L203*102*15.9	36.0
L3-1/2×3×1/2	L89*76*12.7	15.1	L8×4×3/4	L203*102*19.0	42.5
L4×3×1/4	102*76*6.4	8.6	L8×4×7/8	L203*102*22.2	49.3
L4×3×5/16	102*76*7.9	10.7	L8×4×1	L203*102*25.4	55.4
L4×3×3/8	102*76*9.5	12.6	L8×6×1/2	L203*152*12.7	34.1
L4×3×1/2	102*76*12.7	16.4	L8×6×9/16	L203*152*14.3	38.1
L5×3×1/4	127*76*6.4	9.8	L8×6×5/8	L203*152*15.9	42.2
L5×3×5/16	127*76*7.9	12.1	L8×6×3/4	L203*152*19	50.1
L5×3×3/8	127*76*9.5	14.5	L8×6×7/8	L203*152*22.2	57.9
L5×3×7/16	127*76*11.1	16.7	L8×6×1	L203*152*25.4	65.5
L5×3×1/2	127*76*12.7	19.0			
L5×3-1/2×1/4	L127*89*6.4	10.4			

日标槽钢(JIS)
U-bar

尺寸和截面特性 Dimensions and Sectional Properties

(1)KS D 3502:2016 JIS G 3192:2008



型号 Designation	理论 重量 Unit Weight (kg/m)	截面 尺寸 Standard Sectional Dimension (mm)				截面 面积 Sectional Area (cm²)
		G	1	2	1	2
75x40	6.92	5	7	8	4	8.818
100x50	9.36	5	7.5	8	4	11.92
125x65	13.4	6	8	8	4	17.11
150x75	18.6	6.5	10	10	5	23.71
150x75	24.0	9	12.5	15	7.5	30.59
180x75	21.4	7	10.5	11	5.5	27.20
200x80	24.6	7.5	11	12	7	31.33
200x90	30.3	8	13.5	14	6	38.65
250x90	34.6	9	13	14	7	44.07
250x90	40.2	11	14.5	17	8.5	51.17
300x90	38.1	9	13	14	7	48.75
300x90	43.8	10	15.5	19	9.5	55.75
300x90	48.6	12	16	19	9.5	61.90
380x100	54.5	10.5	16	18	9	69.39
380x100	62.0	13	16.5	18	9	78.96
380x100	67.3	13	20	24	12	85.71

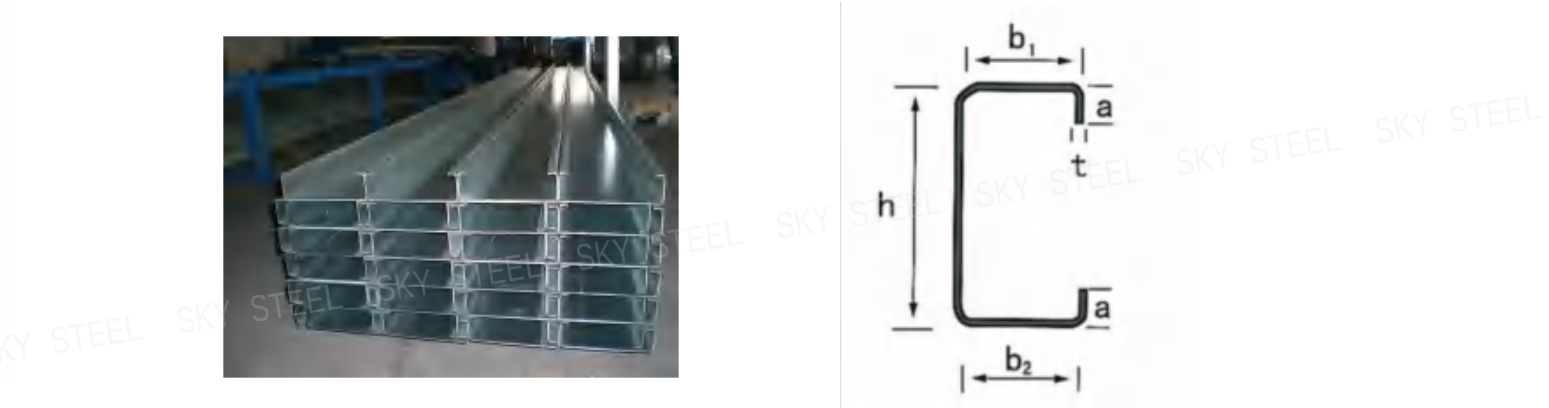
U Channel



Material & Grade	
Type & Series	GB Standard Channel Lightweight Channel
Steel Grade	中国标准: Q235B, Q355B 国际标准 (ASTM): A36, A572 Gr.50 欧洲标准: S235JR, S275JR, S355JR 日标
Standard	GB/T 706 ASTM A6/A6M EN 10279 (UPE/UPN)
Size Designation	(h) x(b) x (d) Example: 200mm x 75mm x 9.0mm European standard: UPE 200, UPN 180 (numbers represent height)
Process	Hot Rolled
Surface Treatment	1. Black (As Rolled) 2. Hot-Dip Galvanized 3. Painted 4. Shot Blasted
Category	Cutting / Drilling & Punching/ Welding/Cold Bending



C Channel



Material & Grade	
Type	C-Purlin Lipped C-Purlin
Steel Grade	Q235, Q345 S350GD, S280GD ASTM: A653 SS Gr.550, Gr.345
Standard	GB/T 6725、ASTM A1003、EN 10162
Section Dimensions	总高(H) x 腿宽(B) x 卷边(C) x 厚度(T) 示例: 100mm x 50mm x 20mm x 2.0mm
Common Series	C80, C100, C120, C140, C160, C180, C200, C220, C250 (The numbers represent the height, in millimeters)
Thickness (T)	1.2mm - 3.0mm
Length	1m - 12m
Process	Cold Roll Forming
Surface Treatment	Galvanized

Packaging Details:

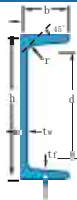
Standard Export Bundle: Securely tied with high-strength steel bands, it can be covered with waterproof paper or plastic film.

Size Specification

美标槽钢(C/MC)
U-bar

尺寸和截面特性 Dimensions and Sectional Properties

ASTMA6/A6M -14

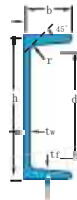


型号 Designation Designation Bezeichnung (imperial)	型号 Designation Designation Bezeichnung (metric)	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				
			G	H	B	w	d
C 3 x 4.1	C 75 x 6.1*	6,1	76	35	4,3	6,9	38
C 3 x 5	C 75 x 7.4*	7,4	76	37	6,6	6,9	38
C 3 x 6	C 75 x 8.9*	8,9	76	40	9,0	6,9	38
C 4 x 5.4	C 100 x 8*	8,0	102	40	4,7	7,5	66
C 4 x 7.25	C 100 x 10.8*	10,8	102	43	8,2	7,5	60
C 5 x 6.7	C 130 x 10.4*	10,4	127	44	4,8	8,1	83
C 5 x 9	C 130 x 13*	13,0	127	47	8,3	8,1	86
C 6 x 8.2	C 150 x 12.2*	12,2	152	48	5,1	8,7	107
C 6 x 10.5	C 150 x 15.6*	15,6	152	51	8,0	8,7	107
C 6 x 13	C 150 x 19.3*	19,3	152	54	11,1	8,7	105
C 7 x 9.8	C 180 x 14.6*	14,6	178	53	5,3	9,3	130
C 7 x 12.25	C 180 x 18.2*	18,2	178	55	8,0	9,3	130
C 7 x 14.75	C 180 x 22*	22,0	178	58	10,6	9,3	125
C 8 x 11.5	C 200 x 17.1*	17,1	203	57	5,6	9,9	156
C 8 x 13.75	C 200 x 20.5*	20,5	203	59	7,7	9,9	156
C 8 x 18.75	C 200 x 27.9*	27,9	203	64	12,4	9,9	156
C 9 x 13.4	C 230 x 19.9*	19,9	229	61	5,9	10,5	177
C 9 x 15	C 230 x 22*	22,0	229	63	7,2	10,5	177
C 9 x 20	C 230 x 30*	30,0	229	67	11,4	10,5	173
C 10 x 15.3	C 250 x 22.8*	22,8	254	65	6,1	11,1	203
C 10 x 20	C 250 x 30*	30,0	254	69	9,6	11,1	203
C 10 x 25	C 250 x 37*	37,0	254	73	13,4	11,1	203
C 10 x 30	C 250 x 45*	45,0	254	76	17,1	11,1	203
C 12 x 20.7	C 310 x 30.8*	30,8	305	74	7,2	12,7	248
C 12 x 25	C 310 x 37*	37,0	305	77	9,8	12,7	248
C 12 x 30	C 310 x 45*	45,0	305	80	13,0	12,7	248
C 15 x 33.9	C 380 x 50.4*	50,4	381	86	10,2	16,5	308
C 15 x 40	C 380 x 60*	60,0	381	89	13,2	16,5	308
C 15 x 50	C 380 x 74*	74,0	381	94	18,2	16,5	308

美标槽钢(C/MC)
U-bar

尺寸和截面特性 Dimensions and Sectional Properties

ASTMA6/A6M -14



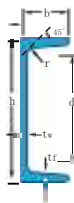
型号 Designation Designation Bezeichnung (imperial)	型号 Designation Designation Bezeichnung (metric)	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				
			G	H	B	w	d
MC 6 x 12	MC 150 x 17.9*	17,9	152	63	7,9	9,5	101
MC 6 x 15.1	MC 150 x 22.5*	22,5	152	74	8,0	12,1	89
MC 6 x 15.3	MC 150 x 22.8*	22,8	152	88	8,6	9,8	91,7
MC 6 x 16.3	MC 150 x 24.3*	24,3	152	76	9,5	12,1	88,2
MC 6 x 18	MC 150 x 26.8*	26,8	152	88	9,6	12,1	85,4
MC 7 x 19.1	MC 180 x 28.4*	28,4	178	87	8,9	12,7	110
MC 7 x 22.7	MC 180 x 33.8*	33,8	178	91	12,8	12,7	109
MC 8 x 8.5	MC 200 x 12.6*	12,6	203	47	4,5	7,9	162
MC 8 x 18.7	MC 200 x 27.8*	27,8	203	75	9,0	12,7	140
MC 8 x 20	MC 200 x 29.8*	29,8	203	76	10,2	12,7	136
MC 8 x 21.4	MC 200 x 31.8*	31,8	203	87	9,5	13,3	132
MC 8 x 22.8	MC 200 x 33.9*	33,9	203	88	10,8	13,3	130
MC 9 x 23.9	MC 230 x 35.6*	35,6	229	87	10,2	14,0	158
MC 9 x 25.4	MC 230 x 37.8*	37,8	229	88	11,4	14,0	155
MC 10 x 8.4	MC 250 x 12.5*	12,5	254	38	4,3	7,1	215
MC 10 x 22	MC 250 x 33*	33,0	254	84	7,4	14,6	179
MC 10 x 25	MC 250 x 37*	37,0	254	86	9,7	14,6	186
MC 10 x 28.5	MC 250 x 42.4*	42,4	254	100	10,8	14,6	178
MC 10 x 33.6	MC 250 x 50*	50,0	254	104	14,6	14,6	178
MC 10 x 41.1	MC 250 x 61.2*	61,2	254	110	20,2	14,6	170
MC 12 x 10.6	MC 310 x 15.8*	15,8	305	38	4,8	7,8	262
MC 12 x 31	MC 310 x 46*	46,0	305	93	9,4	17,8	225
MC 12 x 35	MC 310 x 52*	52,0	305	96	11,8	17,8	218
MC 12 x 40	MC 310 x 60*	60,0	305	98	15,0	17,8	214
MC 12 x 45	MC 310 x 67*	67,0	305	102	18,0	17,8	214
MC 12 x 50	MC 310 x 74*	74,0	305	105	21,2	17,8	222
MC 13 x 31.8	MC 330 x 47.3*	47,3	330	102	9,5	15,5	242
MC 13 x 35	MC 330 x 52*	52,0	330	103	11,4	15,5	242
MC 13 x 40	MC 330 x 60*	60,0	330	106	14,2	15,5	236
MC 13 x 50	MC 330 x 74*	74,0	330	112	20,0	15,5	247
MC 18 x 42.7	MC 460 x 63.5*	63,5	457	100	11,4	15,9	366
MC 18 x 45.8	MC 460 x 68.2*	68,2	457	102	12,7	15,9	370
MC 18 x 51.9	MC 460 x 77.2*	77,2	457	104	15,2	15,9	366
MC 18 x 58	MC 460 x 86*	86,0	457	107	17,8	15,9	375

欧标槽钢(UPN)

U-bar

尺寸和截面特性 Dimensions and Sectional Properties

EN10206 -1:2000 EN10279:2000 EN10163-3:2004



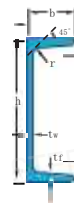
型号 Designation Designation Bezeichnung (imperial)	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				
	G	H	B	w	r	r
UPN 50*	5,59	50	38	5,0	7,0	7,0
UPN 65*	7,09	65	42	5,5	7,5	7,5
UPN 80*	8,64	80	45	6,0	8,0	8,0
UPN 100*	10,6	100	50	6,0	8,5	8,5
UPN 120	13,4	120	55	7,0	9,0	9,0
UPN 140	16,0	140	60	7,0	10,0	10,0
UPN 160	18,8	160	65	7,5	10,5	10,5
UPN 180	22,0	180	70	8,0	11,0	11,0
UPN 200	25,3	200	75	8,5	11,5	11,5
UPN 220	29,4	220	80	9,0	12,5	12,5
UPN 240	33,2	240	85	9,5	13,0	13,0
UPN 260	37,9	260	90	10,0	14,0	14,0
UPN 280	41,8	280	95	10,0	15,0	15,0
UPN 300	46,2	300	100	10,0	16,0	16,0
UPN 320*	59,5	320	100	14,0	17,5	17,5
UPN 350	60,6	350	100	14,0	16,0	16,0
UPN 380*	63,1	380	102	13,5	16,0	16,0
UPN 400*	71,8	400	110	14,0	18,0	18,0

欧标槽钢(UPE)

U-bar

尺寸和截面特性 Dimensions and Sectional Properties

EN10206 -1:2000 EN10279:2000 EN10163-3:2004



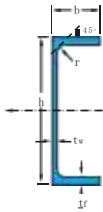
型号 Designation Designation Bezeichnung (imperial)	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				
	G	H	B	w	r	r
UPE 80*	7,90	80	50	4,0	7,0	10
UPE 100*	9,82	100	55	4,5	7,5	10
UPE 120*	12,1	120	60	5,0	8,0	12
UPE 140*	14,5	140	65	5,0	9,0	12
UPE 160*	17,0	160	70	5,5	9,5	12
UPE 180*	19,7	180	75	5,5	10,5	12
UPE 200*	22,8	200	80	6,0	11,0	13
UPE 220*	26,6	220	85	6,5	12,0	13
UPE 240*	30,2	240	90	7,0	12,5	15
UPE 270*	35,2	270	95	7,5	13,5	15
UPE 300*	44,4	300	100	9,5	15,0	15
UPE 330*	53,2	330	105	11,0	16,0	18
UPE 360*	61,2	360	110	12,0	17,0	18
UPE 400*	72,2	400	115	13,5	18,0	18

英标槽钢(PFC)

U-bar

尺寸和截面特性 Dimensions and Sectional Properties

EN10279:2000 EN10163-3:2004



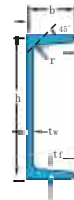
型号 Designation Designation Bezeichnung (imperial)	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				
	G	H	B	w	f	r
PFC 100 x 50 x 10*	10,2	100	50	5,0	8,5	9
PFC 125 x 65 x 15*	14,8	125	65	5,5	9,5	12
PFC 150 x 75 x 18*	17,9	150	75	5,5	10,0	12
PFC 150 x 90 x 24*	23,9	150	90	6,5	12,0	12
PFC 180 x 75 x 20*	20,3	180	75	6,0	10,5	12
PFC 180 x 90 x 26*	26,1	180	90	6,5	12,5	12
PFC 200 x 75 x 23*	23,4	200	75	6,0	12,5	12
PFC 200 x 90 x 30*	29,7	200	90	7,0	14,0	12
PFC 230 x 75 x 26*	25,7	230	75	6,5	12,5	12
PFC 230 x 90 x 32*	32,2	230	90	7,5	14,0	12
PFC 260 x 75 x 28*	27,6	260	75	7,0	12,0	12
PFC 260 x 90 x 35*	34,8	260	90	8,0	14,0	12
PFC 300 x 90 x 41*	41,4	300	90	9,0	15,5	12
PFC 300 x 100 x 46*	45,5	300	100	9,0	16,5	15
PFC 380 x 100 x 54*	54,0	380	100	9,5	17,5	15
PFC 430 x 100 x 64*	64,4	430	100	11,0	19,0	15

英标槽钢(CH)

U-bar

尺寸和截面特性 Dimensions and Sectional Properties

EN10279:2000 EN10163-3:2004



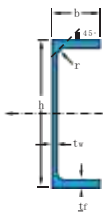
型号 Designation Designation Bezeichnung (imperial)	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)				
	G	H	B	w	f	r
CH 76 x 38 x 7*	6,7	76,2	38,1	5,1	6,8	12,0
CH 102 x 51 x 10*	10,4	101,6	50,8	6,1	7,6	12,0
CH 127 x 64 x 15*	14,9	127,0	63,5	6,4	9,2	13,0
CH 152 x 76 x 18*	17,9	152,4	76,2	6,4	9,0	14,0
CH 152 x 89 x 24*	23,9	152,4	88,9	7,1	11,6	16,0
CH 178 x 76 x 21*	20,8	177,8	76,2	6,6	10,3	16,0
CH 178 x 89 x 27*	26,8	177,8	88,9	7,6	12,3	17,0
CH 203 x 76 x 24*	23,9	203,2	76,2	7,1	11,2	17,0
CH 203 x 89 x 30*	29,8	203,2	88,9	8,1	12,9	17,5
CH 229 x 76 x 26*	26,1	228,6	76,2	7,6	11,2	17,5
CH 229 x 89 x 33*	32,7	228,6	88,9	8,6	13,3	19,0
CH 254 x 76 x 28*	28,2	254,0	76,2	8,1	10,9	19,0
CH 254 x 89 x 36*	35,7	254,0	88,9	9,1	13,6	20,4
CH 305 x 89 x 42*	41,8	304,8	88,9	10,2	13,7	25,7
CH 305 x 102 x 46*	46,2	304,8	101,6	10,2	14,8	26,7
CH 381 x 102 x 55*	55,0	381,0	101,6	10,4	16,3	28,2
CH 432 x 102 x 65*	65,5	431,8	101,6	12,2	16,8	24,0

澳标槽钢(PFC)

U-bar

尺寸和截面特性 Dimensions and Sectional Properties

AS/NZS 3679.1:2010



型号 Designation Bezeichnung (imperial)	理论重量 Unit Weight (kg/m)	截面尺寸 Dimensions Abmessungen (mm)			
		W	H	B	
75x 40	5.9		75	40	3.8
100x 50	8.31		100	50	4.2
125x 65	11.9		125	65	4.7
150 x 75	17.7		150	75	6
200 x 75	22.9		200	75	6
230 x 75	25.1		230	75	6.5
250 x 90	35.5		250	90	8
300 x 90	40.1		300	90	8
380 x 100	55.2		380	100	10

国标槽钢

U-bar

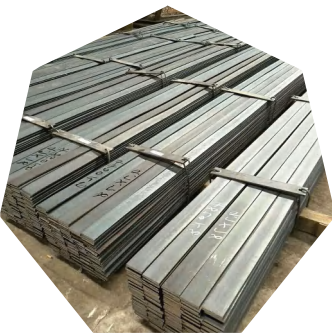
尺寸和截面特性 Dimensions and Sectional Properties

GB/T706 -2016

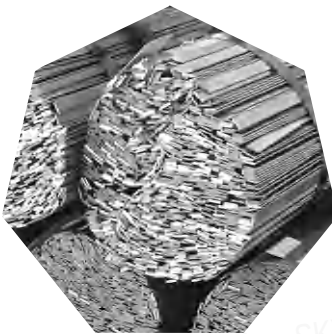
规格 Specifications	型号 Designation	理论重量 Unit Weight (kg/m)	规格 Specifications	型号 Designation	理论重量 Unit Weight (kg/m)
5#	50*37*4.5	5.44	25#A	250*78*7	27.4
6.3#	63*40*4.8	6.63	25#B	250*80*9	31.3
8#	80*43*5.0	8.04	25#C	250*82*11	35.3
10#	100*48*5.3	10	28#A	280*82*7.5	31.4
12#	120*53*5.5	12.1	28#B	280*84*9.5	35.8
12.6#	126*53*5.5	12.3	28#C	280*86*11.5	40.2
14#A	140*58*6	14.5	30#A	300*85*7.5	34.5
14#B	140*60*8	16.7	30#B	300*87*9.5	39.2
16#A	160*63*6.5	17.2	30#C	300*89*11.5	43.9
16#B	160*65*8.5	19.8	32#A	320*88*8	38.1
18#A	180*68*7	20.2	32#B	320*90*10	43.1
18#B	180*70*9	23	32#C	320*92*12	48.1
20#A	200*73*7	22.6	36#A	360*96*9	47.8
20#B	200*75*9	25.8	36#B	360*98*11	53.5
22#A	220*77*7	25	36#C	360*100*13	59.1
22#B	220*79*9	28.5	40#A	400*100*10.5	58.9
24#A	240*78*7	26.9	40#B	400*102*12.5	65.2
24#B	240*80*9	30.6	40#C	400*104*14.5	71.5
24#C	240*82*11	34.4			

Flat Bar

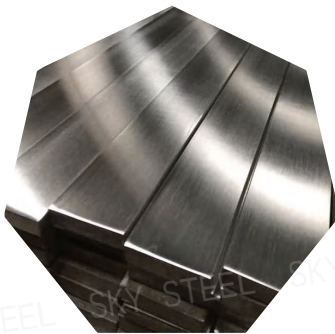
Material & Grade	
Type & Series	Hot Rolled Flat Bar
Steel Grade	Q235, A36, S235JR Q345, A572 Gr.50, S355JR
Standard	GB/T 702, ASTM A36, EN 10058
Theoretical Weight	Weight (kg/m) = Width (mm) × Thickness (mm) × 0.00785
Surface Condition	Black
Delivery Condition	As Rolled Shot Blasted Pickled
Category	Cutting / Drilling & Punching/ Welding/Cold Bending



Black



Galvanized



Cold Drawn Bright



Pickled

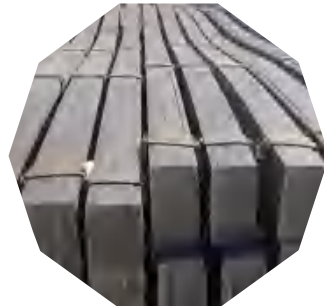
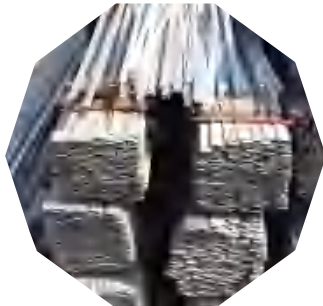
Width (mm)	Thickness (mm)	Theoretical weight (kg/m)	Approximate imperial (inch)
20	3, 4, 5	0.47, 0.63, 0.79	3/4" x 1/8", 3/16"
25	3, 4, 5, 6	0.59, 0.79, 0.98, 1.18	1" x 1/8", 3/16", 1/4"
30	3, 4, 5, 6, 8	0.71, 0.94, 1.18, 1.41, 1.88	1-1/4" x 1/8", 1/4", 5/16"
40	4, 5, 6, 8, 10	1.26, 1.57, 1.88, 2.51, 3.14	1-1/2" x 3/16", 1/4", 3/8"
50	5, 6, 8, 10, 12	1.96, 2.36, 3.14, 3.93, 4.71	2" x 3/16", 1/4", 3/8", 1/2"
60	6, 8, 10, 12	2.83, 3.77, 4.71, 5.65	2-1/2" x 1/4", 3/8", 1/2"
80	8, 10, 12, 16	5.02, 6.28, 7.54, 10.05	3" x 5/16", 3/8", 1/2", 5/8"
100	10, 12, 16, 20	7.85, 9.42, 12.56, 15.70	4" x 3/8", 1/2", 5/8", 3/4"

Material & Grade	
Type & Series	Cold Drawn
Steel Grade	Q235, 1018, S235JR 45#, 1045, C45, S45C 40Cr, 4140
Standard	GB/T 905, ASTM A108, EN 10058
Mechanical Properties	The strength is slightly higher than that of the hot-rolled state (due to work hardening) Medium-carbon steel can be heat-treated to achieve even higher strength
Surface Condition	Bright/ Smooth
Delivery Condition	Cold Drawn Bright Precision Ground

Width (mm)	Thickness (mm)	Theoretical weight (kg/m)	Metric approximation (inches)	accuracy class
10	2, 3, 4	0.16, 0.24, 0.31	3/8" x 0.08", 1/8"	h9 (~±0.05mm)
12	3, 4, 5	0.28, 0.38, 0.47	1/2" x 1/8", 3/16"	h9 (~±0.05mm)
16	4, 5, 6	0.50, 0.63, 0.75	5/8" x 3/16", 1/4"	h9 (~±0.05mm)
20	5, 6, 8, 10	0.79, 0.94, 1.26, 1.57	3/4" x 3/16", 1/4", 5/16"	h9 (~±0.05mm)
25	6, 8, 10	1.18, 1.57, 1.96	1" x 1/4", 5/16", 3/8"	h10 (~±0.08mm)
30	6, 8, 10	1.41, 1.88, 2.36	1-1/4" x 1/4", 5/16", 3/8"	h10 (~±0.08mm)
40	8, 10, 12	2.51, 3.14, 3.77	1-1/2" x 5/16", 3/8", 1/2"	h11 (~±0.12mm)
50	10, 12	3.93, 4.71	2" x 3/8", 1/2"	h11 (~±0.12mm)

Packaging Details:

According to length: Use steel bands to tightly bundle products of the same specification and length into a compact package.
For coated products: Each bundle should be fully covered with waterproof woven fabric for protection.



Round Bar



Round



Square



Hot Rolled



Cold Drawn

Material & Grade	
Process	Hot Rolled Cold Drawn
Steel Grade	Low carbon steel: Q235, A36, 1020, S235JR Medium carbon steel: 45#, 1045, C45, S45C Alloy steel: 40Cr, 4140, 42CrMo, SCM440 Stainless steel: 304, 316, 420 Bearing steel: GCr15, SUJ2
Standard	GB/T 702 (Hot Rolling) / GB/T 905 (Cold Drawing) ASTM A36 (Hot Rolling) / ASTM A108 (Cold Drawing)
Theoretical Weight	Weight (kg/m) = 0.006165 × Diameter ² (mm)
Mechanical Properties	Low carbon steel (A36): Yield strength ≥ 250 MPa Medium carbon steel (1045): Tensile strength ≥ 650 MPa (heat treated) Alloy steel (4140): Tensile strength ≥ 950 MPa (after quenching and tempering)
Typical Hardness	Hot-rolled state: HBW 130-180 Cold-rolled state: HBW 150-220 After heat treatment: HRC 25-55 (depending on the material)
Surface Treatment	1. Black (Hot-rolled black surface) 2. Cold Drawn Bright (Cold drawn bright) 3. Precision Ground (Precisely ground) 4. Peeled/Turned (Peel off/Polish) 5. Galvanized (Galvanized)

Packaging Details:

Hot-rolled: Securely tied, covered with waterproof material.
Cold-drawn/ polished: Wrapped with anti-rust paper and then tied, or protected using wooden boxes/wooden racks.

Hot Rolled:

Nominal diameter (mm)	Approximate imperial (inch)	Theoretical weight (kg/m)	Nominal diameter (mm)	Approximate imperial (inch)	Theoretical weight (kg/m)
10	3/8"	0.617	65	2-1/2"	26
12	1/2"	0.888	70	2-3/4"	30.21
14	9/16"	1.208	75	3"	34.68
16	5/8"	1.578	80	3-1/8"	39.46
18	3/4" (approximate)	1.998	90	3-1/2"	49.94
20	3/4"	2.466	100	4"	61.65
22	7/8"	2.984	120	4-3/4"	88.78
25	1"	3.854	150	6"	138.72
28	1-1/8"	4.834	200	8"	246.62
30	1-1/4" (approximate)	5.55	250	10"	385.34
32	1-1/4"	6.313	300	12"	554.85
36	1-3/8" (approximate)	7.99	350	14"	755.14
40	1-1/2"	9.865			

Cold Drawn

Nominal diameter (mm)	Approximate imperial (inch)	Theoretical weight (kg/m)	Common accuracy grades
3	1/8"	0.055	h9 (±0.025mm)
4	5/32"	0.099	h9 (±0.030mm)
5	3/16"	0.154	h9 (±0.030mm)
6	1/4" (approximate)	0.222	h9 (±0.030mm)
8	5/16"	0.395	h9 (±0.036mm)
10	3/8"	0.617	h9 (±0.036mm)
12	1/2"	0.888	h9 (±0.043mm)
14	9/16"	1.208	h10 (±0.070mm)
16	5/8"	1.578	h10 (±0.070mm)
18	3/4" (approximate)	1.998	h10 (±0.070mm)
20	3/4"	2.466	h10 (±0.084mm)
25	1"	3.854	h11 (±0.130mm)
30	1-1/4" (approximate)	5.55	h11 (±0.130mm)
40	1-1/2"	9.865	h11 (±0.160mm)
50	2"	15.413	h11 (±0.190mm)

Size Specification

国标工字钢

I-Beam

尺寸和截面特性 Dimensions and Sectional Properties

GB/T706 -2016

规格 Specifications	型号 Designation	理论重量 Unit Weight (kg/m)	规格 Specifications	型号 Designation	理论重量 Unit Weight (kg/m)
		KG			KG
10#	100*68*4.5	11.3	32#B	320*132*11.5	57.7
12#	120*74*5.0	14	32#C	320*134*13.5	62.7
14#	140*80*5.5	16.9	36#A	360*136*10	60
16#	160*88*6.0	20.5	36#B	360*138*12	65.7
18#	180*94*6.5	24.1	36#C	360*140*14	71.3
20#A	200*100*7	27.9	40#A	400*142*10.5	67.6
20#B	200*102*9	31.1	40#B	400*144*12.5	73.8
22#A	220*110*7.5	33.1	40#C	400*146*14.5	80.1
22#B	220*112*9.5	36.5	45#A	450*150*11.5	80.4
24#A	240*116*8	37.5	45#B	450*152*13.5	87.4
24#B	240*118*10	41.2	45#C	450*154*15.5	94.5
25#A	250*116*8	38.1	50#A	500*158*12	93.6
25#B	250*118*10	42	50#B	500*160*14	101
27#A	270*122*8.5	42.8	50#C	500*162*16	109
27#B	270*124*10.5	47	56#A	560*166*12.5	106
28#A	280*122*8.5	43.5	56#B	560*168*14.5	115
28#B	280*124*10.5	47.9	56#C	560*170*16.5	124
30#A	300*126*9	48.1	63#A	630*176*13	121
30#B	300*128*11	52.8	63#B	630*178*15	131
30#C	300*130*13	57.5	63#C	630*180*17	141
32#A	320*130*9.5	52.7			

国标等边角钢

Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

GB/T706 -2016

规格 Specifications	理论重量 Unit Weight (kg/m)	规格 Specifications	理论重量 Unit Weight (kg/m)	规格 Specifications	理论重量 Unit Weight (kg/m)
	KG		KG		KG
20*20*3	0.89	63*63*8	7.47	110*110*7	11.9
20*20*4	1.15	63*63*10	9.15	110*110*8	13.5
25*25*3	1.12	70*70*4	4.37	110*110*10	16.7
25*25*4	1.46	70*70*5	5.4	110*110*12	19.8
30*30*3	1.37	70*70*6	6.41	110*110*14	22.8
30*30*4	1.79	70*70*7	7.4	125*125*8	15.5
36*36*3	1.66	70*70*8	8.37	125*125*10	19.1
36*36*4	2.16	75*75*5	5.82	125*125*12	22.7
36*36*5	2.65	75*75*6	6.91	125*125*14	26.2
40*40*3	1.85	75*75*7	7.98	125*125*16	29.6
40*40*4	2.42	75*75*8	9.03	140*140*10	21.5
40*40*5	2.98	75*75*9	10.1	140*140*12	25.5
45*45*3	2.09	75*75*10	11.1	140*140*14	29.5
45*45*4	2.74	80*80*5	6.21	140*140*16	33.4
45*45*5	3.37	80*80*6	7.38	150*150*8	18.6
45*45*6	3.99	80*80*7	8.53	150*150*10	23.1
50*50*3	2.33	80*80*8	9.66	150*150*12	27.4
50*50*4	3.06	80*80*9	10.8	150*150*14	31.7
50*50*5	3.77	80*80*10	11.9	150*150*15	33.8
50*50*6	4.46	90*90*6	8.35	150*150*16	35.9
56*56*3	2.62	90*90*7	9.66	160*160*10	24.7
56*56*4	3.45	90*90*8	10.9	160*160*12	29.4
56*56*5	4.25	90*90*9	12.2	160*160*14	34
56*56*6	5.04	90*90*10	13.5	160*160*16	38.5
56*56*7	5.81	90*90*12	15.9	180*180*12	33.2
56*56*8	6.57	100*100*6	9.37	180*180*14	38.4
60*60*5	4.58	100*100*7	10.8	180*180*16	43.5
60*60*6	5.43	100*100*8	12.3	180*180*18	48.6
60*60*7	6.26	100*100*9	13.7	200*200*14	42.9
60*60*8	7.08	100*100*10	15.1	200*200*16	48.7
63*63*4	3.91	100*100*12	17.9	200*200*18	54.4
63*63*5	4.82	100*100*14	20.6	200*200*20	60.3
63*63*6	5.72	100*100*16	23.3	200*200*24	72.2
63*63*7	6.6				

国标不等边角钢 Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

GB/T706 -2016

规格 Specifications	理论重量 Unit Weight (kg/m)	规格 Specifications	理论重量 Unit Weight (kg/m)	规格 Specifications	理论重量 Unit Weight (kg/m)
	KG		KG		KG
25*16*3	0.91	75*50*6	5.7	110*70*10	13.5
25*16*4	1.18	75*50*8	7.43	125*80*7	11.1
32*20*3	1.17	75*50*10	9.1	125*80*8	12.6
32*20*4	1.52	80*50*5	5	125*80*10	15.5
40*25*3	1.48	80*50*6	5.93	125*80*12	18.3
40*25*4	1.94	80*50*7	6.85	140*90*8	14.2
45*28*3	1.69	80*50*8	7.75	140*90*10	17.5
45*28*4	2.2	90*56*5	5.66	140*90*12	20.7
50*32*3	1.91	90*56*6	6.72	140*90*14	23.9
50*32*4	2.49	90*56*7	7.76	160*100*10	19.9
56*36*3	2.15	90*56*8	8.78	160*100*12	23.6
56*36*4	2.82	100*63*6	7.55	160*100*14	27.2
56*36*5	3.47	100*63*7	8.72	160*100*16	30.8
63*40*4	3.19	100*63*8	9.88	180*110*10	22.3
63*40*5	3.92	100*63*10	12.1	180*110*12	26.5
63*40*6	4.64	100*80*6	8.35	180*110*14	30.5
63*40*7	5.34	100*80*7	9.66	180*110*16	34.6
70*45*4	3.57	100*80*8	10.9	200*125*12	29.8
70*45*5	4.4	100*80*10	13.5	200*125*14	34.4
70*45*6	5.22	110*70*6	8.35	200*125*16	39
70*45*7	6.01	110*70*7	9.66	200*125*18	43.6
75*50*5	4.81	110*70*8	10.9		

国标H型钢 Equal Angle

尺寸和截面特性 Dimensions and Sectional Properties

GB/T706 -2016

规格 Specifications	理论重量 Unit Weight (kg/m)	规格 Specifications	理论重量 Unit Weight (kg/m)	规格 Specifications	理论重量 Unit Weight (kg/m)
	KG		KG		KG
#100*50*5*7	9.3	#390*148*6*8	37.3	#546*199*9*14	81.5
100*100*6*8	16.9	#400*150*8*13	55.2	#550*200*10*16	92
#125*65*6*8	13.1	396*199*7*11	56.1	#544*300*11*15	116
125*125*6.5*9	23.6	#390*198*6*8	43.6	#550*300*11*18	130
150*75*5*7	14	400*200*8*13	65.4	596*199*10*15	92.4
148*100*6*9	20.7	#400*202*10*13	71.7	600*200*11*17	103
150*150*7*10	31.1	390*300*10*16	105	#606*201*12*20	118
175*90*5*8	18	#400*302*12*21	134	582*300*12*17	133
175*175*7.5*11	40.4	#388*402*15*15	140	588*300*12*20	147
198*99*4.5*7	17.8	394*398*11*18	147	#594*302*14*23	170
200*100*5.5*8	20.9	#394*405*18*18	168	#625*198.5*11.5*17.5	109
194*150*6*9	29.9	400*400*13*21	172	#630*200*13*20	124
200*200*8*12	49.9	400*408*21*21	197	#638*202*15*24	147
200*204*12*12	56.2	#414*405*18*28	232	#646*299*10*15	120
248*124*5*8	25.1	#428*407*20*35	283	#650*300*11*17	134
250*125*6*9	29	#446*150*7*12	52.6	#656*301*12*20	154
244*175*7*11	43.6	#450*150*9*14	65.5	#692*300*13*20	163
#238*173*4.5*8	30.7	#450*151*8*14	60.8	#700*300*13*24	182
#244*252*11*11	63.8	#469*196*14.6*20.6	113	#734*299*12*16	143
250*250*9*14	71.8	446*199*8*12	65.1	#742*300*13*20	168
250*255*14*14	81.6	450*200*9*14	74.9	#750*300*13*24	187
298*149*5.5*8	32	440*300*11*18	121	#758*303*16*28	224
300*150*6.5*9	36.7	#458*417*30*50	415	#792*300*14*22	188
294*200*8*12	55.8	#470*150*7*13	56.2	800*300*14*26	207
#298*201*9*14	64.4	#475*151.5*8.5*15.5	67.6	#834*298*14*19	179
#294*302*12*12	83.5	#482*153.5*10.5*19	83.5	#842*299*15*23	204
300*300*10*15	93	#492*150*7*12	55.1	#850*300*16*27	229
#300*305*15*15	105	#500*152*9*16	72.4	#858*301*17*31	255
#340*173*4.5*6	29	#504*153*10*18	81.1	#890*299*15*23	210
346*174*6*9	41.2	496*199*9*14	77.9	900*300*16*28	240
350*175*7*11	49.4	500*200*10*16	88.1	#912*302*18*34	283
#363*173*9*15.7	66.8	#506*201*11*19	102	#970*297*16*21	217
340*250*9*14	78.1	482*300*11*15	111	#980*298*17*26	248
#338*351*13*13	105	488*300*11*18	125	#990*298*17*31	271
#344*348*10*16	113	#498*432*45*70	605	#1000*300*19*36	310
#344*354*16*16	129	#492*465*15*20	202	#1008*302*21*40	345
350*350*12*19	135	#502*465*15*25	239		
#350*357*19*19	154	#502*470*20*25	259		