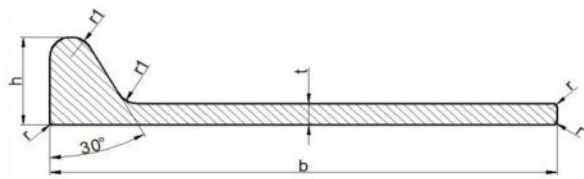


Product data sheet

Hot Rolled Flat Bulb Steel (GB/T9945-2012)

Note : Please contact us to discuss any special requirements you might have



Shape and dimensions of flat bulb steel

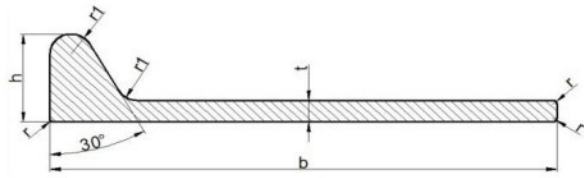
Type	Nominal dimensions (mm)					sectional area (cm ²)	theoretic weight (kg/m)
	b	t	h	r ₁	r		
HP80×5	80	5	19	4	≤1.5	5.41	4.25
HP 80×6	80	6	20	4	≤2	6.21	4.88
HP 100×7	100	7	22.5	4.5	≤2	8.74	6.86
HP 100×8	100	8	23.5	4.5	≤2	9.74	7.65
HP 120×6	120	6	23	5	≤2	9.32	7.32
HP 120×7	120	7	24	5	≤2	10.52	8.26
HP 120×8	120	8	25	5	≤2	11.72	9.20
HP 140×7	140	7	26	5.5	≤2	12.43	9.75
HP 140×8	140	8	27	5.5	≤2	13.83	10.85
HP 140×9	140	9	28	5.5	≤2	15.20	11.93
HP 140×10	140	10	29	5.5	≤3	16.63	13.05
HP 160×7	160	7	29	6	≤2	14.60	11.46
HP 160×8	160	8	30	6	≤2	16.20	12.72

Type	Nominal dimensions (mm)					sectional area (cm ²)	theoretic weight (kg/m)
	b	t	h	r ₁	r		
HP 160×9	160	9	31	6	≤2	17.80	13.97
HP 160×10	160	10	32	6	≤3	19.38	15.21
HP 160×11	160	11	33	6	≤3	21.00	16.49
HP 180×8	180	8	33	7	≤2	18.86	14.80
HP 180×9	180	9	34	7	≤2	20.66	16.22
HP 180×10	180	10	35	7	≤3	22.46	17.63
HP 180×11	180	11	36	7	≤3	24.26	19.04
HP 200×9	200	9	37	8	≤2	23.66	18.57
HP 200×10	200	10	38	8	≤3	25.66	20.14
HP 200×11	200	11	39	8	≤3	27.66	21.71
HP 200×12	200	12	40	8	≤3	29.66	23.28
HP 220×10	220	10	41	9	≤3	29.00	22.77
HP 220×11	220	11	42	9	≤3	31.20	24.50
HP 220×12	220	12	43	9	≤3	33.40	26.22
HP 240×10	240	10	44	10	≤3	32.49	25.50
HP 240×11	240	11	45	10	≤3	34.89	27.39
HP 240×12	240	12	46	10	≤3	37.29	29.27
HP 260×10	260	10	47	11	≤3	36.11	28.35
HP 260×11	260	11	48	11	≤3	38.71	30.39
HP 260×12	260	12	49	11	≤3	41.31	32.43
HP 260×13	260	13	50	11	≤3	43.85	34.43
HP 280×11	280	11	51	12	≤3	42.68	33.50
HP 280×12	280	12	52	12	≤3	45.48	35.70
HP 280×13	280	13	53	12	≤3	48.28	37.90

Type	Nominal dimensions (mm)					sectional area (cm ²)	theoretic weight (kg/m)
	b	t	h	r ₁	r		
HP 300×11	300	11	54	13	≤3	46.78	36.70
HP 300×12	300	12	55	13	≤3	49.79	39.09
HP 300×13	300	13	56	13	≤3	52.79	41.44
HP 320×12	320	12	58	14	≤3	54.25	42.60
HP 320×13	320	13	59	14	≤3	57.25	45.09
HP 320×14	320	14	60	14	≤4	60.85	47.60
HP 340×12	340	12	61	15	≤3	58.84	46.20
HP 340×13	340	13	62	15	≤3	62.24	48.86
HP 340×14	340	14	63	15	≤4	65.54	51.50
HP 370×13	370	13	66.5	16.5	≤3	69.70	54.70
HP 370×14	370	14	67.5	16.5	≤4	73.40	57.60
HP 370×15	370	15	68.5	16.5	≤4	77.10	60.50
HP 400×14	400	14	72	18	≤4	81.48	63.96
HP 400×15	400	15	73	18	≤4	85.48	67.10
HP 400×16	400	16	74	18	≤4	89.48	70.20
HP 430×14	430	14	76.5	19.5	≤4	89.70	70.60
HP 430×15	430	15	77.5	19.5	≤4	94.19	73.90
HP 430×17	430	17	79.5	19.5	≤4	102.79	80.70
HP 430×19	430	19	81.5	19.5	≤4	111.39	87.40
HP 430×20	430	20	82.5	19.5	≤4	115.00	90.80

Flat Bulb Steel of Old National Standard (GB/T9945-2001)

Note : Please contact us to discuss any special requirements you might have



type	nominal dimensions (mm)					sectional area (cm ²)	theoretic weight (kg/m)
	b	t	h	r1	r		
80×5 II	80	5	22	4	≤1.5	5.86	4.61
90×5.5 II	90	5.5	24	4	≤1.5	7.06	5.55
100×6 II	100	6	26	5	≤1.5	8.66	6.81
120×6.5 II	120	6.5	30	5	≤2	11.18	8.78
140×7 II	140	7	33	6	≤2	14.12	11.10
140×9 II	140	9	35	6	≤2	16.91	13.30
160×8 II	160	8	36	7	≤2	18.02	14.17
160×10 II	160	10	38	7	≤2	21.22	16.68
180×9 II	180	9	40	7	≤2	22.27	17.50
180×11 II	180	11	42	7	≤2	25.87	20.32
200×10 II	200	10	44	8	≤3	27.43	21.58
200×12 II	200	12	46	8	≤3	31.43	24.72
220×11 II	220	11	48	8.5	≤3	32.90	25.87
220×13 II	220	13	50	8.5	≤3	37.30	29.33
240×12 II	240	12	52	9	≤3	38.87	30.55
240×14 II	240	14	54	9	≤3	43.67	34.32
270×12 II	270	12	55	9.5	≤3	43.93	34.53
270×14 II	270	14	57	9.5	≤3	49.33	38.77

Flat Bulb Steel Tolerances of products (GB/T9945-2012)

nominal dimensions (mm)			Tolerances of products(mm)			
b		t	h	b	t	h
>	≤					
80	120	5~8	19~30	±1.5	+0.7 -0.3	±0.5
120	180	6~11	26~38	±2.0	+1.0 -0.3	±0.8
180	300	8~14	37~57	±3.0	+1.1 -0.3	±0.95
300	430	11~20	58~82.5	±4.0	+1.3 -0.3	±1.1