

№	I-beam number	I-beam height h, mm			Flange width b, mm			Wall thickness s, mm			Flange average thickness t, mm		Inner bend radius R, mm	Flange bend radius r, mm	Cross sectional area Fn, sm ²	Running meter 1m, kg			Mechanical properties			endir	Average flange thickness (t) measured as b-s/4, mm
		min	nom	max	min	nom	max	min	nom	max	min	nom	The least	min		nom	max	R0.2 N/mm ²	Rm N/mm ²	δ, %			
1	10	98	100	102	53	55	57	4	4,5	5	6,8	7,2	7	2,5	12	8,99	9,46	9,74	245	480	26	90°	126
2	12	118	120	122	62	64	66	4,3	4,8	5,3	6,9	7,3	7,5	3	14,7	10,93	11,5	11,85	245	480	26	90°	148
3	14	137,5	140	142,5	70,5	73	75,5	4,4	4,9	5,4	7	7,5	8	3	17,4	13,02	13,7	14,11	245	480	26	90°	170
4	16	157,5	160	162,5	78,5	81	83,5	4,5	5	5,5	7,3	7,8	8,5	3,5	20,2	15,11	15,9	16,38	245	480	26	90°	190

NOTE:

1. The curvature of the I-beam should not exceed 0.2% of the length
2. Deviations in weight per running meter are allowed +3 to -5%.
3. Permissible deviation in length up to 8 m - +40 mm.
4. For lengths over 8 m, a deviation of 5 mm per meter is allowed.
5. The height of the I-beam is measured from the Y-Y center.
6. The curvature of the I-beam wall (f) should not exceed 0.15s