



## Dimensions of Steel Beams type IPN European standard EN 10025-1/2

**MATERIAL:** Hot rolled narrow flange I-beams with taper flanges (I Range) -- IPN

**STEEL QUALITY:** S235JRG2 acc. to EN 10025 (RSt37,2 acc. to DIN 17100).

**LENGTH:** Beam length 6 or 12 m.

**TOLERANCES:** Acc. to DIN 1025/1.

IPN	Weight	Dimensions-Përmastat mm				Cross Section	Section Modulus	
	Pesha					Seksioni Tërthor	Momentet e Rezistencës	
	Kg/m	cm <sup>2</sup>		cm <sup>3</sup>				
		h	b	s	t	F	W <sub>x</sub>	W <sub>y</sub>
80	5.94	80	42	3.9	5.9	7.58	19.5	3
100	8.34	100	50	4.5	6.8	10.6	34.2	4.88
120	11.1	120	58	5.1	7.7	14.2	54.7	7.41
140	14.3	140	66	5.7	8.6	18.3	81.9	10.7
160	17.9	160	74	6.3	9.5	22.8	117	14.8
180	21.9	180	82	6.9	10.4	27.9	161	19.8
200	26.2	200	90	7.5	11.3	33.4	214	26
220	31.1	220	98	8.1	12.2	39.5	278	33.1
240	36.2	240	106	8.7	13.1	46.1	354	41.7
260	41.9	260	113	9.4	14.1	53.3	442	51
280	47.9	280	119	10.1	15.2	61	542	61.2
300	54.2	300	125	10.8	16.2	69	653	72.2
320	61	320	131	11.5	17.3	77.7	782	84.7
340	68	340	137	12.2	18.3	86.7	923	98.4
360	76.1	360	143	13	19.5	97	1090	114
400	92.4	400	155	14.4	21.6	118	1460	149
450	115	450	170	16.2	24.3	147	2040	203
500	141	500	185	18	27	179	2750	268
550	166	550	200	19	30	212	3610	349