

European Standard Beams (IPN)

Available in spec and grades:
 EN 10025-2:2004 S235JR, S275JR/J0/J2, S355JR/J0/J2
 ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
 DIN 1025-1: 1995
 EN 10024: 1995

Designation	Dimensions						
	G (kg/m)	h (mm)	b (mm)	tw (mm)	tf (mm)	r1	r2 (mm)
IPN 80	5.94	80	42	3.9	5.9	3.9	2.3
IPN 100	8.34	100	50	4.5	6.8	4.5	2.7
IPN 120	11.1	120	58	5.1	7.7	5.1	3.1
IPN 140	14.3	140	66	5.7	8.6	5.7	3.4
IPN 160	17.9	160	74	6.3	9.5	6.3	3.8
IPN 180	21.9	180	82	6.9	10.4	6.9	4.1
IPN 200	26.2	200	90	7.5	11.3	7.5	4.5
IPN 220	31.1	220	98	8.1	12.2	8.1	4.9
IPN 240	36.2	240	106	8.7	13.1	8.7	5.2
IPN 260	41.9	260	113	9.4	14.1	9.4	5.6
IPN 280	47.9	280	119	10.1	15.2	10.1	6.1
IPN 300	54.2	300	125	10.8	16.2	10.8	6.5
IPN 320	61.0	320	131	11.5	17.3	11.5	6.9
IPN 340	68.0	340	137	12.2	18.3	12.2	7.3
IPN 360	76.1	360	143	13	19.5	13	7.8
IPN 380	84.0	380	149	13.7	20.5	13.7	8.2
IPN 400	92.4	400	155	14.4	21.6	14.4	8.6
IPN 450	115	450	170	16.2	24.3	16.2	9.7
IPN 500	141	500	185	18	27	18	10.8
IPN 550	166	550	200	19	30	19	11.9
IPN 600	199	600	215	21.6	32.4	21.6	13

