Tel: +33 3 44 77 30 00

Technical data of sections IPN

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Technical data of sections IPN

European beams with unparallel flanges

Designation		Dimensions						Section properties							
								Strong axis				Weak axis			
	G	H	B	Tw	Tf	R	I	Iy	Wely	Wply	Iy	Iz	Welz	Wplz	Iz
	kg/m	mm	mm	mm	mm	mm	cm2	cm4	cm3	cm3	cm	cm4	cm3	cm3	cm
IPN 80	6.0	80.0	42	3.9	5.9	4	7.58	78	19.50	22.80	3.20	6.29	3.00	5.00	0.91
IPN 100	8.5	100.0	50	4.5	6.8	5	10.86	175	35.04	40.81	4.02	14.25	5.70	8.99	1.15
IPN 120	11.1	120.0	58	5.1	7.7	5	14.20	328	54.70	63.60	4.81	21.50	7.41	12.40	1.23
IPN 140	14.4	140.0	66	5.7	8.6	6	18.30	573	81.90	95.40	5.61	35.20	10.70	17.90	1.40
IPN 160	17.9	160.0	74	6.3	9.5	6	22.80	935	117.00	136.00	6.40	54.70	14.80	24.90	1.55
IPN 180	21.9	180.0	82	6.9	10.4	7	27.90	1,450	161.00	187.00	7.20	81.30	19.80	33.20	1.71
IPN 200	26.2	200.0	90	7.5	11.3	8	33.40	2,140	214.00	250.00	8.00	117.00	26.00	43.50	1.87
IPN 220	31.0	220.0	98	8.1	12.2	8	39.50	3,060	278.00	324.00	8.80	162.00	33.10	55.70	2.02
IPN 240	36.2	240.0	106	8.7	13.1	9	46.10	4,250	354.00	412.00	9.59	221.00	41.70	70.00	2.20
IPN 260	41.8	260.0	113	9.4	14.1	9	53.30	5,740	442.00	514.00	10.40	288.00	51.00	85.90	2.32
IPN 280	47.9	280.0	119	10.1	15.2	10	61.00	7,590	542.00	632.00	11.10	364.00	61.20	103.00	2.45
IPN 300	54.2	300.0	125	10.8	16.2	11	69.00	9,800	653.00	762.00	11.90	451.00	72.20	121.00	2.56
IPN 320	61.0	320.0	131	11.5	17.3	12	77.70	12,510	782.00	914.00	12.70	555.00	84.70	143.00	2.67

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								Strong axis				Weak axis			
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	kg/m	mm	mm	mm	mm	mm	cm2	cm4	cm3	cm3	cm	cm4	cm3	cm3	cm
IPN 340	68.1	340.0	137	12.2	18.3	12	86.70	15,700	923.00	1,080.00	13.50	674.00	98.40	166.00	2.80
IPN 360	76.1	360.0	143	13.0	19.5	13	97.00	19,610	1,090.00	1,276.00	14.20	818.00	114.00	194.00	2.90
IPN 380	84.0	380.0	149	13.7	20.5	14	107.00	24,010	1,260.00	1,482.00	15.00	975.00	131.00	221.00	3.02
IPN 400	92.6	400.0	155	14.4	21.6	14	118.00	29,210	1,460.00	1,714.00	15.70	1,160.00	149.00	253.00	3.13
IPN 450	115.4	450.0	170	16.2	24.3	16	147.00	45,850	2,040.00	2,400.00	17.70	1,730.00	203.00	345.00	3.43
IPN 500	140.5	500.0	185	18.0	27.0	18	179.00	68,740	2,750.00	3,240.00	19.60	2,480.00	268.00	456.00	3.72
IPN 550	166.4	550.0	200	19.0	30.0	19	212.00	99,180	3,610.00	4,240.00	21.60	3,490.00	349.00	592.00	4.02
IPN 600	199.4	600.0	215	21.6	32.4	22	254.00	138,800	4,627.00	5,452.00	23.39	4,674.00	435.00	752.00	4.29

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