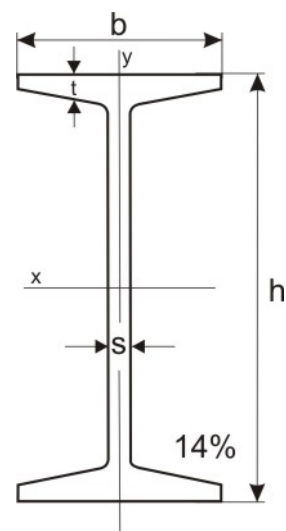
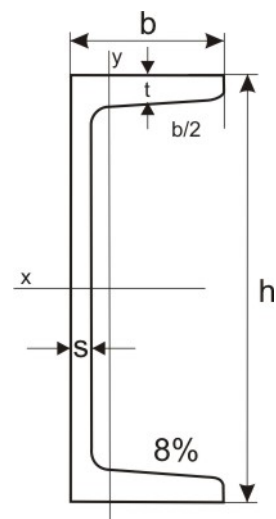


Perfil IPN



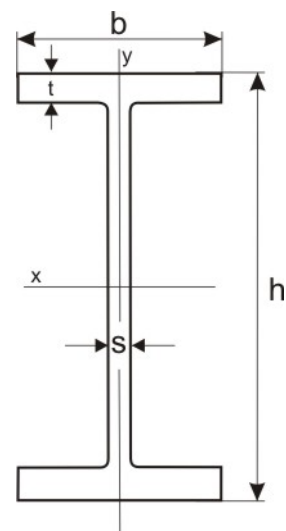
Denominación	Dimensiones				Sección	Peso	Valores estáticos					
IPN	h	b	s	t	F	g	Jx	Jy	Wx	Wy	ix	iy=il
	mm	mm	mm	mm	cm ²	kg/m	cm ⁴	cm ⁴	cm ³	cm ³	cm	cm
80	80	42	3.9	5.9	7.5	5.9	77	6.3	19.3	3.0	3.20	0.92
100	100	50	4.5	6.8	10.6	8.3	171	12.2	34.2	4.9	4.02	1.07
120	120	58	5.1	7.7	14.2	11.1	328	21.5	54.7	7.4	4.81	1.23
140	140	66	5.7	8.6	18.2	14.3	573	35.2	81.9	10.7	5.61	1.39
160	160	74	6.3	9.5	22.8	17.9	935	54.7	116.9	14.8	6.40	1.55
180	180	82	6.9	10.4	27.9	21.9	1450	81.3	161.1	19.8	7.21	1.71
200	200	90	7.5	11.3	33.4	26.2	2140	117.0	214.0	26.0	8.00	1.87
220	220	98	8.1	12.2	39.5	30.9	3060	162.0	278.2	33.1	8.80	2.03
240	240	106	8.7	13.1	46.1	36.1	4250	221.0	354.2	41.7	9.60	2.19
260	260	113	9.4	14.1	53.3	41.8	5740	288.0	441.5	51.0	10.38	2.32
280	280	119	10.1	15.2	61.0	47.8	7590	364.0	542.1	61.2	11.15	2.44
300	300	125	10.8	16.2	69.0	54.1	9800	451.0	653.3	72.2	11.92	2.56
320	320	131	11.5	17.3	77.7	60.9	12510	555.0	781.9	84.7	12.69	2.67
340	340	137	12.2	18.3	86.7	67.9	15700	674.0	923.5	98.4	13.46	2.79
360	360	143	13.0	19.5	97.0	76.0	19610	818.0	1089.4	114.4	14.22	2.90
380	380	149	13.7	20.5	107.0	83.8	24010	975.0	1263.7	130.9	14.98	3.02
400	400	155	14.4	21.6	118.0	92.4	29210	1160.0	1460.5	149.7	15.73	3.14
450	450	170	16.2	24.3	147.0	115.2	45850	1730.0	2037.8	203.5	17.66	3.43
500	500	185	18.0	27.0	179.0	140.2	68740	2480.0	2749.6	268.1	19.60	3.72

Perfil UPN



Denominación	Dimensiones					Sección	Peso	Valores estáticos					
UPN	h	b	s	t	xg	F	g	Jx	Jy	Wx	Wy	ix	iy=il
	mm	mm	mm	mm	cm	cm ²	kg/m	cm ⁴	cm ⁴	cm ³	cm ³	cm	cm
80	80	45	8.0	6.0	1.5	11.0	8.6	106	19.4	26.5	6.3	3.10	1.33
100	100	50	8.5	6.0	1.6	13.5	10.6	206	29.3	41.2	8.5	3.91	1.47
120	120	55	9.0	7.0	1.6	17.0	13.3	364	43.2	60.7	11.1	4.63	1.59
140	140	60	10.0	7.0	1.8	20.4	16.0	605	62.7	86.4	14.8	5.45	1.75
160	160	65	10.5	7.5	1.8	24.0	18.8	925	85.3	115.6	18.3	6.21	1.89
180	180	70	11.0	8.0	1.9	28.0	21.9	1350	114.0	150.0	22.4	6.94	2.02
200	200	75	11.5	8.5	2.0	32.2	25.2	1910	148.0	191.0	27.0	7.70	2.14
220	220	80	12.5	9.0	2.1	37.4	29.3	2690	197.0	244.5	33.6	8.48	2.30
240	240	85	13.0	9.5	2.2	42.3	33.1	3600	248.0	300.0	39.6	9.23	2.42
260	260	90	14.0	10.0	2.4	48.3	37.8	4820	317.0	370.8	47.7	9.99	2.56
280	280	95	15.0	10.0	2.5	53.3	41.8	6280	399.0	448.6	57.2	10.85	2.74
300	300	100	16.0	10.0	2.7	58.8	46.1	8030	495.0	535.3	67.8	11.69	2.90

Perfil GREY



Denominación	Dimensiones				Sección	Peso	Valores estáticos					
GREY	h	b	s	t	F	g	Jx	Jy	Wx	Wy	ix	iy
	mm	mm	mm	mm	cm ²	kg/m	cm ⁴	cm ⁴	cm ³	cm ³	cm	cm
100	100	100	6	10	26.0	20.4	450	167	89.9	33.5	4.16	2.53
120	120	120	6.5	11	34.0	26.7	864	318	144	52.9	5.04	3.06
140	140	140	7	12	43.0	33.7	1510	550	216	78.5	5.93	3.58
160	160	160	8	13	54.3	42.6	2490	889	311	111	6.78	4.05
180	180	180	8.5	14	65.3	51.2	3830	1360	426	151	7.66	4.57
200	200	200	9	15	78.1	61.3	5700	2000	570	200	8.54	5.07
220	220	220	9.5	16	91.0	71.5	8090	2840	736	258	9.43	5.59
240	240	240	10	17	106	83.2	11260	3920	938	327	10.3	6.08
260	260	260	10	17.5	118	93.0	14920	5130	1150	395	11.2	6.58
280	280	280	10.5	18	131	103	19270	6590	1380	471	12.1	7.09
300	300	300	11	19	149	117	25170	8560	1680	571	13.0	7.58
320	320	300	11.5	20.5	161	127	30820	9240	1930	616	13.8	7.57
340	340	300	12	21.5	171	134	36660	9690	2160	646	14.6	7.53
360	360	300	12.5	22.5	181	142	43190	10140	2400	676	15.5	7.49
400	400	300	13.5	24	198	155	57680	10820	2880	721	17.1	7.40
450	450	300	14	26	218	171	79890	11720	3550	781	19.1	7.33
500	500	300	14.5	28	139	187	107200	12620	4290	842	21.2	7.27