



2.IPN

Production Standarts

- TS910
- DN 1025
- EN1024

Materials :

- S235 JR-S235J0-S235J2 / S275JR-S275J0-S275J2 / S355 JR-S355J0-S355 J2
- ASTM A 36 / ASTM A 529 GR. 50
- ASTM A 529 GR. 55 / ASTM A 572 GR. 42 ASTM A 572 GR. 50
- CSA G 40.21 CSA 38 W / CSA G 40.21 CSA 44 W CSA G 40.21 CSA 50 W

Dimensions :

IPN80-IPN300

DESIGNATION	DIMENSIONS							CROSS SECTIONAL AREA	STATIC PARAMETERS					
	G	h	b	t _w	t _f	r ₁	r ₂		Y-Y AXIS			Z-Z AXIS		
DIM	kg/m	mm	mm	mm	mm	mm	mm	A	I _y	W _{el.y}	i _y	I _z	W _{el.z}	i _z
								cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
IPN 80	5.9	80	42	3.09	5.09	3.9	2.3	7.57	78	19.5	3.2	6.3	3	0.91
IPN 100	8.3	100	50	4-May	6.08	4.5	2.7	10.06	171	34.2	4.01	12.2	4.88	1.07
IPN 120	11.1	120	58	5.1	7.7	5.1	3.1	14.2	328	54.7	4.81	21.5	7.41	1.23
IPN 140	14.3	140	66	5.7	8.6	5.7	3.4	18.3	573	81.9	5.61	35.2	10.7	1.4
IPN 160	17.9	160	74	6.3	9.5	6.3	3.8	22.8	935	117	6.4	54.7	14.8	1.55
IPN 180	21.9	180	82	6.9	10.4	6.9	4.1	27.9	1450	161	7.2	81.3	19.8	1.71
IPN 200	26.2	200	90	7.5	11.3	7.5	4.5	33.4	2140	214	8	117	26	1.87
IPN 220	31.1	220	98	8.1	12.2	8.1	4.9	39.5	3060	278	8.8	162	33.1	2.02
IPN 240	36.2	240	106	8.7	13.1	8.7	5.2	46.1	4250	354	9.59	221	41.7	2.2
IPN 260	41.9	260	113	9.4	14.1	9.4	5.6	53.3	5740	442	10.4	288	51	2.32
IPN 280	47.9	280	119	10.1	15.2	10	6.1	61	7590	542	11.1	364	61.2	2.45
IPN 300	54.2	300	125	10.8	16.2	11	6.5	69	9800	653	11.9	451	72.2	2.56