

European Standard Channels in accordance with EN



Standard dimension			Reference							
Designation	Section area	Unit weight	Moment of inertia (cm ⁴)		Radius of gyration (cm)		Section modulus (cm ³)		Plastic section modulus (cm ³)	
	(cm ²)	(kg/m)	I _x	I _y	r _x	r _y	S _x	S _y	Z _x	Z _y
UPN 50	7.1	5.59	26.4	9.1	1.92	1.13	10.6	3.75	13.1	6.8
UPN 65	9.0	7.09	57.5	14.1	2.52	1.25	17.7	5.07	21.7	9.4
UPN 80	11.0	8.64	106.0	19.4	3.10	1.33	26.5	6.36	32.3	11.9
UPN 100	13.5	10.60	206.0	29.3	3.91	1.47	41.2	8.49	49.0	16.2
UPN 120	17.0	13.40	364.0	43.2	4.62	1.59	60.7	11.10	72.6	21.2
UPN 140	20.4	16.00	605.0	62.7	5.45	1.75	86.4	14.80	103.0	28.3
UPN 160	24.0	18.80	925.0	85.3	6.21	1.89	116.0	18.30	138.0	35.2
UPN 180	28.0	22.00	1350.0	110.0	6.95	2.02	150.0	22.40	179.0	42.9
UPN 200	32.2	25.30	1910.0	148.0	7.7	2.14	191.0	27.0	228.0	51.8
UPN 220	37.4	29.40	2690.0	197.0	8.5	2.30	245.0	33.6	292.0	64.1
UPN 240	42.3	33.20	3600.0	248.0	9.2	2.42	300.0	39.6	358.0	75.7
UPN 260	48.3	37.90	4820.0	317.0	10.0	2.56	371.0	47.7	442.0	91.6
UPN 280	53.3	41.80	6280.0	399.0	10.9	2.74	448.0	57.2	532.0	109.0
UPN 300	58.8	46.20	8030.0	495.0	11.7	2.90	535.0	67.8	632.0	130.0
UPN 320	75.8	59.50	10870.0	597.0	12.1	2.81	679.0	80.6	826.0	152.0
UPN 350	77.3	60.60	12840.0	570.0	12.9	2.72	734.0	75.0	918.0	143.0
UPN 380	80.4	63.10	15760.0	615.0	14.0	2.77	829.0	78.7	1010.0	148.0
UPN 400	91.5	71.80	20350.0	846.0	14.9	3.04	1020.0	102.0	1240.0	190.0

(The information given on these tables is for initial information only. Any use of these figures is at users own risk.)