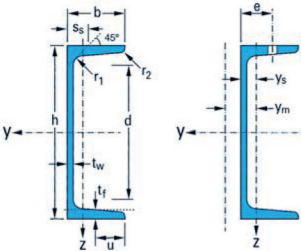


UPN PROFILATI A U - dati geometrici

Norme di riferimento:

Dimensioni: UPN 80-400 UNI EN 10279 - UNI EU 54

Inclinazione delle ali: h> 300: 8%
 h> 300: 5%



Designazione nominale	Massa	Dimensioni							Area	Dimensioni di costruzione				Superficie da verniciare	
	G kg/m	h mm	b mm	tw mm	tf mm	r1 mm	r2 mm		A cm ²	d mm	Ø mm	emin mm	emax mm	AL m ² /m	AG m ² /t
UPN 80	8,65	80	45	6	8	8	4		11,0	47	-	-	-	0,312	36,13
UPN 100	10,6	100	50	6	8,5	8,5	4,5		13,5	64	-	-	-	0,372	35,10
UPN 120	13,4	120	55	7	9	9	4,5		17,0	82	-	-	-	0,434	32,52
UPN 140	16,0	140	60	7	10	10	5		20,4	98	M12	33	37	0,489	30,54
UPN 160	18,8	160	65	7,5	10,5	10,5	5,5		24,0	115	M12	34	42	0,546	28,98
UPN 180	22,0	180	70	8	11	11	5,5		28,0	133	M16	38	41	0,611	27,80
UPN 200	25,3	200	75	8,5	11,5	11,5	6		32,2	151	M16	39	46	0,661	26,15
UPN 220	29,4	220	80	9	12,5	12,5	6,5		37,4	167	M16	40	51	0,718	24,46
UPN 240	33,2	240	85	9,5	13	13	6,5		42,3	184	M20	46	50	0,775	23,34
UPN 260	37,9	260	90	10	14	14	7		48,3	200	M22	50	52	0,834	22,00
UPN 280	41,8	280	95	10	15	15	7,5		53,3	216	M22	52	57	0,890	21,27
UPN 300	46,2	300	100	10	16	16	8		58,8	232	M24	55	59	0,950	20,58
UPN 320	59,5	320	100	14	17,5	17,5	8,75		75,8	246	M22	58	62	0,982	16,50
UPN 350	60,6	350	100	14	16	16	8		77,3	282	M22	56	62	1,047	17,25
UPN 380	63,1	380	102	13,5	16	16	8		80,4	313	M24	59	60	1,110	17,59
UPN 400	71,8	400	110	14	18	18	9		91,5	324	M27	61	62	1,182	16,46

UPN PROFILATI A U - dati statici

Designazione nominale	Dati statici														Classificazione		
	I _y cm ⁴	W _{el,y} cm ³	W _{pl,y} cm ³	i _y cm	A _{yz} cm ²	I _z cm ⁴	W _{el,z} cm ³	W _{pl,z} cm ³	i _z cm	s _s mm	I _t cm ⁴	I _w ·10 ⁻³ cm ⁶	y _s cm	y _m cm	Flessione	Compressione	
															S 235	S 355	
UPN 80	106	26.5	31.8	3.10	5.10	19.4	6.36	12.1	1.33	19.4	2.16	0.17	1.45	2.67	1	1	1
UPN 100	206	41.2	49.0	3.91	6.46	29.3	8.49	16.2	1.47	20.3	2.81	0.41	1.55	2.93	1	1	1
UPN 120	364	60.7	72.6	4.62	8.80	43.2	11.1	21.2	1.59	22.2	4.15	0.90	1.60	3.03	1	1	1
UPN 140	605	86.4	103	5.45	10.41	62.7	14.8	28.3	1.75	23.9	5.68	1.80	1.75	3.37	1	1	1
UPN 160	925	116	138	6.21	12.60	85.3	18.3	35.2	1.89	25.3	7.39	3.26	1.84	3.56	1	1	1
UPN 180	1 350	150	179	6.95	15.09	114	22.4	42.9	2.02	26.7	9.55	5.57	1.92	3.75	1	1	1
UPN 200	1 910	191	228	7.70	17.71	148	27.0	51.8	2.14	28.1	11.9	9.07	2.01	3.94	1	1	1
UPN 220	2 690	245	292	8.48	20.62	197	33.6	64.1	2.30	30.3	16.0	14.6	2.14	4.20	1	1	1
UPN 240	3 600	300	358	9.22	23.71	248	39.6	75.7	2.42	31.7	19.7	22.1	2.23	4.39	1	1	1
UPN 260	4 820	371	442	9.99	27.12	317	47.7	91.6	2.56	33.9	25.5	33.3	2.36	4.66	1	1	1
UPN 280	6 280	448	532	10.90	29.28	399	57.2	109	2.74	35.6	31.0	48.5	2.53	5.02	1	1	1
UPN 300	8 030	535	632	11.70	31.77	495	67.8	130	2.90	37.3	37.4	69.1	2.70	5.41	1	1	1
UPN 320	10 870	679	826	12.10	47.11	597	80.6	152	2.81	43.0	66.7	96.1	2.60	4.82	1	1	1
UPN 350	12 840	734	918	12.90	50.84	570	75.0	143	2.72	40.7	61.2	114	2.40	4.45	1	1	1
UPN 380	15 760	829	1 014	14.00	53.23	615	78.7	148	2.77	40.3	59.1	146	2.38	4.58	1	1	1
UPN 400	20 350	1 020	1 240	14.90	58.55	846	102	190	3.04	44.0	81.6	221	2.65	5.11	1	1	1