

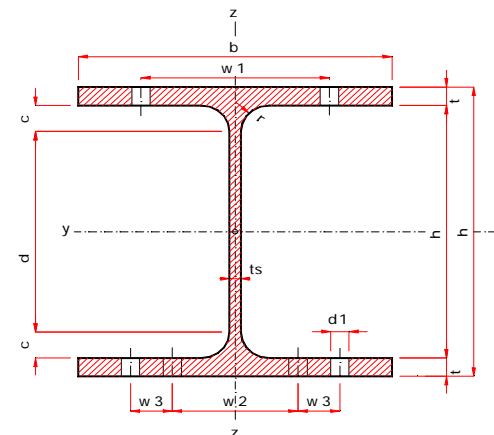
HEA

Profile late I cu talpi paralele executie usoara, seria HE-A = I PBI

lamine la cald, conf. DIN 1025 sect.3, ed. martie 1994

si EURONORM 53-62

Tolerante dimensionale conf. DIN EN 10034, ed. martie 1994



Denumire Tip	Dimensiuni						A cm ²	G kg/m	Caracteristici sectionale						S _y cm	Gaurire conf. DIN 997 ed. oct. 1970			
	h	b	t _s	t _g	r	h-2c			y-y			z-z				d ₁ mm	w ₁ mm	w ₂ mm	w ₃ mm
									I _y cm ⁴	W _y cm ³	i _y cm	I _z cm ⁴	W _z cm ³	i _z cm					
									mm										
100	96	100	5.0	8.0	12.0	56	21.2	16.7	349	72.8	4.06	134	26.8	2.51	8.4	13	56	-	
120	114	120	5.0	8.0	12.0	74	25.3	19.9	606	106.0	4.89	231	38.5	3.02	10.1	17	66	-	
140	133	140	5.5	8.5	12.0	92	31.4	24.7	1030	155.0	5.73	289	55.6	3.52	11.9	21	76	-	
160	152	160	6.0	9.0	15.0	104	38.8	30.4	1670	220.0	6.57	616	76.9	3.98	13.6	23	86	-	
180	171	180	6.0	9.5	15.0	122	45.3	35.5	2510	294.0	7.45	925	103.0	4.52	15.5	25	100	-	
200	190	200	6.5	10.0	18.0	134	53.8	42.3	3690	389.0	8.28	1340	134.0	4.98	17.2	25	110	-	
220	210	220	7.0	11.0	18.0	152	64.3	50.5	5410	515.0	9.17	1950	178.0	5.51	19.0	25	120	-	
240	230	240	7.5	12.0	21.0	164	76.8	60.3	7760	675.0	10.10	2770	231.0	6.00	20.9	25	94	35	
260	250	260	7.5	12.5	24.0	177	86.8	68.2	10450	836.0	11.00	3670	282.0	6.50	22.7	25	100	40	
280	270	280	8.0	13.0	24.0	196	97.3	76.4	13670	1010.0	11.90	4760	340.0	7.00	24.6	25	110	45	
300	290	300	8.5	14.0	27.0	208	113.0	88.3	18260	1260.0	12.70	6310	421.0	7.49	26.4	28	120	45	
320	310	300	9.0	15.5	27.0	225	124.0	97.6	22930	1480.0	13.60	6990	466.0	7.49	28.2	28	120	45	
340	330	300	9.5	16.5	27.0	243	133.0	105.0	27690	1680.0	14.40	7440	496.0	7.46	29.9	28	120	45	
360	350	300	10.0	17.5	27.0	261	143.0	112.0	33090	1890.0	15.20	7890	526.0	7.43	31.7	28	120	45	
400	390	300	11.0	19.0	27.0	298	159.0	125.0	45070	2310.0	16.80	8560	571.0	7.34	35.2	28	120	45	
450	440	300	11.5	21.0	27.0	344	178.0	140.0	63720	2900.0	18.90	9470	631.0	7.29	39.6	28	120	45	
500	490	300	12.0	23.0	27.0	390	198.0	155.0	86970	3550.0	21.00	10370	691.0	7.24	44.1	28	120	45	
550	540	300	12.5	24.0	27.0	438	212.0	166.0	111900	4150.0	23.00	10820	721.0	7.15	48.4	28	120	45	
600	590	300	13.0	25.0	27.0	486	226.0	178.0	141200	4790.0	25.00	11270	751.0	7.05	52.8	28	120	45	
650	640	300	13.5	26.0	27.0	534	242.0	190.0	175200	5470.0	26.90	11720	782.0	6.97	57.1	28	120	45	
700	690	300	14.5	27.0	27.0	582	260.0	204.0	215300	6240.0	28.80	12180	812.0	6.84	61.2	28	120	45	
800	790	300	15.0	28.0	30.0	674	286.0	224.0	303400	7680.0	32.60	12640	843.0	6.65	69.8	28	130	40	
900	890	300	16.0	30.0	30.0	770	321.0	252.0	422100	9480.0	36.30	13550	903.0	6.50	78.1	28	130	40	
1000	990	300	16.5	31.0	30.0	868	347.0	272.0	553800	11190.0	40.00	14000	934.0	6.35	86.4	28	130	40	

Valori de calcul - Profile HEA

Denumire	$W_{pl,y}$	$M_{pl,y}$	N_{pl}	$Q_{pl,z} = V_{pl,z}$	$W_{pl,z}$	S_y	I_T	$C = I_w$	$i_{z,g}$	Denumire
Tip	cm ³	kNm	kN	kN	cm ³	cm ³	cm ⁴	cm ⁶	cm	Tip
100	83	19.9	510	61.0	41.1	41.5	5.26	2581	2.65	100
120	119	28.7	608	73.4	58.9	59.7	6.02	6472	3.21	120
140	173	41.6	754	94.9	84.8	86.7	8.16	15060	3.75	140
160	245	58.8	931	119.0	118.0	123.0	12.30	31410	4.26	160
180	325	78.0	1086	134.0	157.0	162.0	14.90	60210	4.82	180
200	429	103.0	1292	162.0	204.0	215.0	21.10	108000	5.32	200
220	568	136.0	1544	193.0	271.0	284.0	28.60	193300	5.88	220
240	745	179.0	1844	227.0	352.0	372.0	41.70	328500	6.40	240
260	920	221.0	2084	247.0	430.0	460.0	52.60	516400	6.91	260
280	1112	226.0	2334	285.0	518.0	556.0	62.40	785400	7.46	280
300	1383	332.0	2701	325.0	641.0	692.0	85.60	1200000	7.97	300
320	1628	391.0	2985	367.0	710.0	814.0	108.00	1512000	7.99	320
340	1850	444.0	3203	413.0	756.0	925.0	128.00	1824000	7.99	340
360	2088	501.0	3426	461.0	802.0	1044.0	149.00	2177000	7.98	360
400	2562	615.0	3815	565.0	873.0	1281.0	190.00	2942000	7.94	400
450	3216	772.0	4273	668.0	966.0	1608.0	245.00	4146000	7.93	450
500	3949	948.0	4741	777.0	1059.0	1974.0	310.00	5643000	7.91	500
550	4622	1109.0	5082	894.0	1107.0	2311.0	353.00	7189000	7.86	550
600	5350	1284.0	5435	1018.0	1156.0	2675.0	399.00	8978000	7.82	600
650	6136	1473.0	5799	1149.0	1205.0	3068.0	450.00	11027000	7.77	650
700	7032	1688.0	6251	1332.0	1257.0	3516.0	515.00	13352000	7.70	700
800	8699	2088.0	6860	1584.0	1312.0	4350.0	599.00	18290000	7.58	800
900	10811	2595.0	7693	1907.0	1414.0	5406.0	739.00	24962000	7.49	900
1000	12824	3078.0	8324	2193.0	1470.0	6412.0	825.00	32074000	7.41	1000

Nota

Setul de date a fost colationat cu cea mai mare atentie. Pentru eventuale erori de redactare nu preluam nici o raspundere.

Sursa: Stahlbau-Profile, ed. a 22-a, Verlag Stahleisen GmbH, 1999

DeltaMETALS®

a division of DeltaTHERM TRADING s.r.l.

e-mail: deltametals@fx.ro