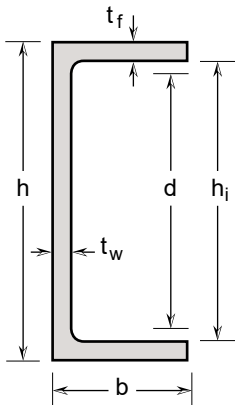


UPA



Miscellaneous channels with parallel flanges

Dimensions: in accordance with EN 10365
Tolerances: EN 10279: 2000

Sonstige U-Profile mit parallelen Flanschen

Abmessungen: in Anlehnung EN 10365
Toleranzen: EN 10279: 2000

Autres fers U à ailes parallèles

Dimensions: selon la norme EN 10365
Tolérances: EN 10279: 2000

General properties / Generelle Eigenschaften / Valeurs generaux								
Designation Bezeichnung Désignation	G kg/m	Dimensions Abmessungen Dimensions					Dimensions for detailing Konstruktionsmaße Dimensions de construction	
		h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d mm
UPA 50x25x3	2.3	50	25	3	3	2.86	44.0	38.0*
UPA 60x30x5	4.5	60	30	5	5	5.61	50.0	40.0+ / 46.0*
UPA 80x40x4	4.9	80	40	4	4	6.10	72.0	68.0**
UPA 80x40x5	6.1	80	40	5	5	7.65	70.0	60.0+ / 66.0*
UPA 80x40x6	7.2	80	40	6	6	9.03	68.0	56.0+ / 64.0*
UPA 100x50x4	6.3	100	50	4	4	7.83	92.0	84.0+ / 88.0*
UPA 100x50x5	7.7	100	50	5	5	9.65	90.0	80.0+ / 86.0*
UPA 100x50x6	9.1	100	50	6	6	11.43	88.0	76.0+ / 84.0*
UPA 120x60x5	9.2	120	60	5	5	11.61	110.0	106.0*
UPA 120x60x6	11.1	120	60	6	6	13.83	108.0	96.0+ / 104.0*
UPA 130x65x6	12.0	130	65	6	6	15.03	118.0	106.0+ / 114.0*
UPA 130x65x9	17.7	130	65	9	9	22.13	112.0	94.0+ / 108*
UPA 140x70x7	15.1	140	70	7	7	18.83	126.0	122.0*
UPA 150x75x6	13.9	150	75	6	6	17.43	138.0	134.0*
UPA 150x75x9	20.3	150	75	9	9	25.4	132.0	128.0*
UPA 160x80x6	14.9	160	80	6	6	18.63	148.0	140.0*
UPA 160x80x8	19.7	160	80	8	8	24.59	144.0	140.0*
UPA 180x90x8	22	180	90	8	8	27.54	164.0	160.0*
UPA 200x100x8	24.6	200	100	8	8	30.74	184.0	180.0*
UPA 200x100x10	30.4	200	100	10	10	38.02	180.0	176.0*

Profiles are produced with *hot rolled or *laser welded execution.
Profile sind in *warm gewalzter oder *lasergeschweisster Ausführung.
Profils sont en exécution *laminé à chaud ou *reconstitué soudé laser.

Stainless steel

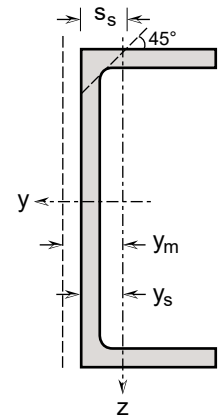
Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled

Edelstahl Rostfrei

Güte nach EN 10088-3: 1D
Oberflächenbeschaffenheit: gestrahlt und gebeizt

Acier inoxydable

Nuance selon EN 10088-3: 1D
Etat de surface: sablé et décapé



Structural properties / Statische Kennwerte / Valeurs statiques

Designation Bezeichnung Désignation	Strong axis y-y Starke Achse y-y Axe fort y-y					Weak axis z-z Schwache Achse z-z Axe faible z-z					S _s mm	I _t mm ⁴ x10 ⁴	I _w mm ⁶ x10 ⁹	y _s mm x10	y _m mm x10
	I _y mm ⁴ x10 ⁴	W _{el,y} mm ³ x10 ³	W _{pl,y} mm ³ x10 ³	i _y mm x10	A _{vz} mm ² x10 ²	I _z mm ⁴ x10 ⁴	W _{el,z} mm ³ x10 ³	W _{pl,z} mm ³ x10 ³	i _z mm x10						
	UPA 50x25x3	10.60	4.24	5.14	1.93	1.54	1.65	0.93	1.05	0.76					
UPA 60x30x5	28.59	9.53	11.89	2.26	3.11	4.46	2.15	2.64	0.89	12.96	0.72	0.02	0.93	1.66	
UPA 80x40x4	58.91	14.73	17.47	3.11	3.14	9.22	3.23	5.82	1.23	9.18	0.36	0.09	1.15	2.36	
UPA 80x40x5	72.41	18.10	22.17	3.08	4.20	11.18	3.95	4.56	1.21	13.55	0.99	0.08	1.17	2.26	
UPA 80x40x6	83.26	20.82	25.71	3.04	4.95	12.95	4.64	5.55	1.20	15.55	1.61	0.09	1.21	2.24	
UPA 100x50x4	121.29	24.26	29.04	3.93	4.23	18.61	5.14	5.47	1.54	11.55	0.64	0.19	1.38	2.90	
UPA 100x50x5	146.27	29.25	35.22	3.89	5.20	22.59	6.31	6.93	1.53	13.55	1.15	0.24	1.42	2.88	
UPA 100x50x6	169.64	33.93	41.13	3.85	6.15	26.33	7.44	8.43	1.52	15.55	1.89	0.28	1.46	2.86	
UPA 120x60x5	257.09	42.85	50.78	4.71	6.11	39.89	9.22	9.77	1.85	12.96	1.22	0.60	1.67	3.53	
UPA 120x60x6	301.45	50.24	60.16	4.67	7.35	46.77	10.90	11.91	1.84	15.55	2.18	0.70	1.71	3.49	
UPA 130x65x6	387.39	59.60	71.03	5.08	7.95	60.10	12.88	13.87	2.00	15.55	2.33	1.06	1.83	3.80	
UPA 130x65x9	544.72	83.80	102.76	4.96	12.05	84.63	18.56	21.73	1.96	23.32	8.62	1.51	1.94	3.67	
UPA 140x70x7	558.47	79.78	95.54	5.45	10.01	86.64	17.31	18.91	2.15	18.14	4.04	1.77	2.00	4.07	
UPA 150x75x6	605.34	80.71	95.46	5.89	9.15	93.94	17.35	18.25	2.32	15.55	2.61	2.19	2.08	4.42	
UPA 150x75x9	845.13	112.68	134.6	5.77	12.89	132.91	25.10	28.00	2.29	19.18	7.33	3.15	2.20	4.38	
UPA 160x80x6	732.49	91.56	107.03	6.29	9.38	114.64	19.84	20.54	2.49	13.18	2.35	3.04	2.22	4.79	
UPA 160x80x8	952.73	119.09	142.61	6.22	13.07	147.81	25.84	28.22	2.45	20.73	6.90	3.94	2.28	4.65	
UPA 180x90x8	1361	151.22	177.91	7.03	13.94	213.33	33.04	59.53	2.78	17.18	6.20	10.98	2.54	5.35	
UPA 200x100x8	1892.15	189.22	221.63	7.85	15.54	296.38	41.13	74.09	3.11	17.18	6.88	19.03	2.79	5.98	
UPA 200x100x10	2294.04	229.4	271.31	7.77	19.22	360.04	50.48	90.95	3.08	21.18	13.34	22.57	2.87	5.91	