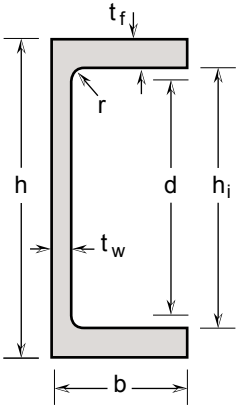


# UPE



## Channels with parallel flanges

Dimensions: in accordance with DIN 1026-2: 2002-10  
Tolerances: EN 10279: 2000

## U-Profil mit parallelen Flanschen

Abmessungen: gemäß DIN 1026-2: 2002-10  
Toleranzen: EN 10279: 2000

## Fers U à ailes parallèles

Dimensions: conformes à la norme DIN 1026-2: 2002-10  
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 <sub>w</sub> mm	t <sub>f</sub> mm	r* mm	A mm <sup>2</sup> x10 <sup>2</sup>	h <sub>i</sub> mm	d mm
UPE 80	7.7	80	50	4	7	2	9.66	66.0	62.0
UPE 100	9.7	100	55	4.5	7.5	2	12.09	85.0	81.0
UPE 120	11.9	120	60	5	8	2	14.82	104.0	100.0
UPE 140	14.3	140	65	5	9	2	17.82	122.0	118.0
UPE 160	16.9	160	70	5.5	9.5	2	21.07	141.0	137.0
UPE 180	19.6	180	75	5.5	10.5	2	24.51	159.0	155.0
UPE 200	22.6	200	80	6	11	2	28.30	178.0	174.0
UPE 220	26.5	220	85	6.5	12	2	33.16	196.0	192.0
UPE 240	30.1	240	90	7	12.5	2	37.57	215.0	211.0
UPE 270	35.1	270	95	7.5	13.5	2	43.89	243.0	239.0
UPE 300	44.5	300	100	9.5	15	2	55.67	270.0	266.0
UPE 330	53.1	330	105	11	16	2	66.40	298.0	294.0
UPE 360	61.2	360	110	12	17	2	76.54	326.0	322.0
UPE 400	72.4	400	115	13.5	18	2	90.56	364.0	360.0

\* Profiles are laser fused with full penetration, equivalent to hot rolled (r = laser seam).

\* Profile sind Laser geschweisst mit Vollarbindung, gleichwertig zu warm gewalzt (r = Laser Naht).

\* Profiles sont soudé laser avec pénétration complète, équivalent au laminé à chaud (r = cordon laser).

## Stainless steel

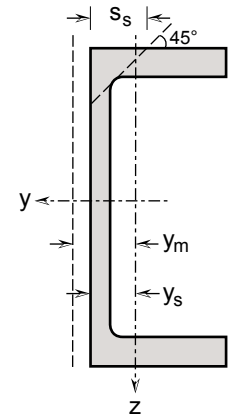
Grade according to EN 10088-3: 1D  
Surface condition: blasted and pickled

## 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					I <sub>t</sub> mm <sup>4</sup> x10 <sup>4</sup>	I <sub>w</sub> mm <sup>6</sup> x10 <sup>9</sup>	y <sub>s</sub> mm x10	y <sub>m</sub> mm x10
	I <sub>y</sub> mm <sup>4</sup> x10 <sup>4</sup>	W <sub>el,y</sub> mm <sup>3</sup> x10 <sup>3</sup>	W <sub>pl,y</sub> mm <sup>3</sup> x10 <sup>3</sup>	i <sub>y</sub> mm x10	A <sub>vz</sub> mm <sup>2</sup> x10 <sup>2</sup>	I <sub>z</sub> mm <sup>4</sup> x10 <sup>4</sup>	W <sub>el,z</sub> mm <sup>3</sup> x10 <sup>3</sup>	W <sub>pl,z</sub> mm <sup>3</sup> x10 <sup>3</sup>	i <sub>z</sub> mm x10	S <sub>s</sub> mm				
	UPE 80	103.31	25.83	30.02	3.27	3.08	24.78	7.91	13.58	1.60				
UPE 100	200.19	40.04	46.43	4.07	4.33	37.54	10.57	18.12	1.76	13.18	1.81	0.56	1.95	3.94
UPE 120	348.89	58.15	67.46	4.85	5.78	54.44	13.72	24.48	1.92	14.18	2.50	1.20	2.03	4.15
UPE 140	579.04	82.72	95.45	5.70	6.75	77.43	18.09	32.14	2.08	15.18	3.62	2.34	2.22	4.57
UPE 160	883.44	110.43	127.66	6.47	8.48	105.48	22.49	40.37	2.24	16.18	4.74	4.18	2.31	4.78
UPE 180	1318.01	146.45	168.51	7.33	9.55	141.98	28.44	50.82	2.41	17.18	6.52	7.16	2.51	5.21
UPE 200	1856.83	185.68	214.15	8.10	11.58	185.21	34.31	61.75	2.56	18.18	8.22	11.57	2.60	5.43
UPE 220	2618.40	238.04	274.92	8.89	13.78	244.13	42.38	76.45	2.71	19.68	11.34	18.44	2.74	5.72
UPE 240	3495.93	291.33	337.20	9.65	16.19	307.84	49.94	90.43	2.86	20.68	13.91	27.76	2.84	5.94
UPE 270	5122.15	379.42	440.09	10.80	19.52	397.74	60.56	109.90	3.01	22.18	18.60	45.54	2.93	6.16
UPE 300	7658.85	510.59	601.10	11.73	27.39	535.09	75.51	136.38	3.10	25.68	29.93	75.46	2.91	6.04
UPE 330	10718.85	649.63	772.24	12.71	34.88	678.56	89.62	161.05	3.20	28.18	41.85	116.30	2.93	6.01
UPE 360	14478.32	804.35	960.80	13.75	41.52	840.92	105.04	188.51	3.31	30.18	54.87	172.40	2.99	6.12
UPE 400	20545.68	1027.28	1238.54	15.06	51.95	1042.47	122.57	219.99	3.39	32.68	75.14	266.30	3.00	6.06