

UNP - European standard channels

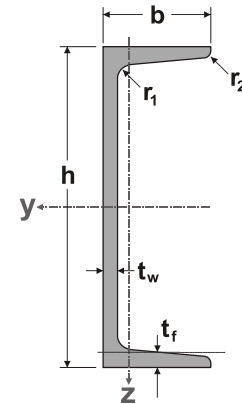
In accordance with DIN 1026-1, tolerances according to EN 10279 Tab. 1, grade according to EN 10088-3: 1D

UPN - Fers U normaux européens

Conformes à DIN 1026-1, tolérances selon EN 10279 Tab.1, nuance selon EN 10088-3: 1D

UNP - Europäische U-Stahl Normalprofile

Gemäß DIN 1026-1: 2000, Toleranzen nach EN 10279 Tab. 1, Güte nach EN 10088-3: 1D



Désignation Designation Bezeichnung	Dimensions Abmessungen						Poid Weight Gewicht
	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	G kg/m
UNP 20x10x3x3.5	20	10	3.0	3.5	3.5	2.5	0.86
UNP 30x15x3x3.5	30	15	3.0	3.5	3.5	2.5	1.37
UNP 30x15x4x4.5	30	15	4.0	4.5	4.5	2.5	1.74
UNP 30	30	33	5.0	7.0	7.0	3.0	4.27
UNP 40x20x3x3.5	40	20	3.0	3.5	3.5	3.0	1.78
UNP 40x20x4x4.5	40	20	4.0	4.5	4.5	3.0	2.30
UNP 40	40	35	5.0	7.0	7.0	3.0	4.80
UNP 50x25x5x6	50	25	5.0	6.0	6.0	3.5	3.86
UNP 50	50	38	5.0	7.0	7.0	3.5	5.60
UNP 60	60	30	6.0	6.0	6.0	4.0	5.10
UNP 65	65	42	5.5	7.5	7.5	4.0	7.10
UNP 80	80	45	6.0	8.0	8.0	4.0	8.65
UNP 100	100	50	6.0	8.5	8.5	4.5	10.6
UNP 120	120	55	7.0	9.0	9.0	4.5	13.4
UNP 140	140	60	7.0	10.0	10.0	5.0	16.2
UNP 160	160	65	7.5	10.5	10.5	5.5	18.8



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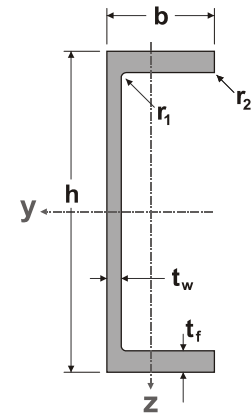
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	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	G kg/m

UNP 180**	180	70	8.0	11.0	2.0	1.0	22.0
UNP 200**	200	75	8.5	11.5	2.0	1.0	25.3
UNP 220**	220	80	9.0	12.5	2.0	1.0	29.4
UNP 240**	240	85	9.5	13.0	2.0	1.0	33.2
UNP 250**	250	85	9.0	13.5	2.0	1.0	34.4
UNP 260**	260	90	10.0	14.0	2.0	1.0	37.9
UNP 280**	280	95	10.0	15.0	2.0	1.0	41.8
UNP 300**	300	100	10.0	16.0	2.0	1.0	46.2
UNP 320*	320	100	14.0	17.5	2.0	1.0	59.5
UNP 350*	350	100	14.0	16.0	2.0	1.0	60.6
UNP 380*	380	102	13.5	16.0	2.0	1.0	63.1
UNP 400*	400	110	14.0	18.0	2.0	1.0	71.8

* Profiles are laser fused and the flanges are parallel. Full penetration, equivalent to hot rolled. r₁ = laser welded seam, r₂ = sharp corner.

+ To roll this size a min. quantity of 40 tons is required.

* Profils sont soudé a laser et les ailes sont parallel. Pénétration complet, équivalent a laminé à chaud. r₁ = cordon laser, r₂ = angle vif.

+ Pour lamine cette mesures il faut une quantité min. des 40 tons.

* Profile werden Laser geschweisst und die Flansche sind parallel. Mit voller Durchschweissung, gleichwertig zu warm gewalzt. r₁ = Laser Schweissnaht, r₂ = scharfk.

+ Das Walzen dieser Abmessungen bedarf einer Menge von min. 40 ton.

UAP – Channels with parallel flanges

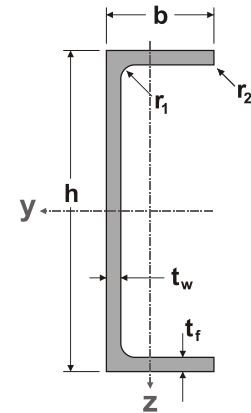
Tolerances according to EN 10279 Tab. 2,
grade according to EN 10088-3: 1D

UPA - Fers U à ailes parallèles

Tolérances selon EN 10279 Tab. 2,
nuance selon EN 10088-3: 1D

UAP - Profile mit parallelen Flanschen

Toleranzen nach EN 10279 Tab. 2,
Güte nach EN 10088-3: 1D



Désignation Designation Bezeichnung	Dimensions Abmessungen						Poid Weight Gewicht
	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	G kg/m
UAP 50x25x3	50	25	3.0	3.0	3	3	2.30
UAP 60x30x5	60	30	5.0	5.0	5	3	4.37
UAP 80x40x5	80	40	5.0	5.0	6	3	5.90
UAP 80x40x6	80	40	6.0	6.0	6	3	7.05
UAP 100x50x4	100	50	4.0	4.0	6	3	6.14
UAP 100x50x5	100	50	5.0	5.0	6	3	7.65
UAP 100x50x6	100	50	6.0	6.0	6	3	8.90
UAP 120x60x6	120	60	6.0	6.0	6	3	10.9



UAP – Channels with parallel flanges

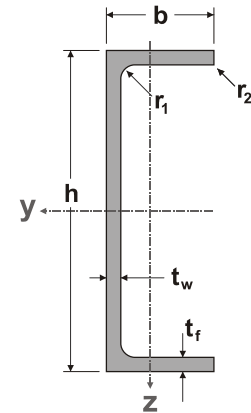
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Toleranzen nach EN 10279 Tab. 2,
Güte nach EN 10088-3: 1D



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	h mm	b mm	t _w mm	t _f mm	r ₁ mm	r ₂ mm	G kg/m
UAP 80x40x4*	80	40	4.0	4.0	2	1	4.90
UAP 80x40x5*	80	40	5.0	5.0	2	1	5.90
UAP 80x40x6*	80	40	6.0	6.0	2	1	7.05
UAP 100x50x4*	100	50	4.0	4.0	2	1	6.10
UAP 100x50x5*	100	50	5.0	5.0	2	1	7.65
UAP 100x50x6*	100	50	6.0	6.0	2	1	8.90
UAP 120x60x5*	120	60	5.0	5.0	2	1	9.20
UAP 120x60x6*	120	60	6.0	6.0	2	1	10.9
UAP 130x65x6*	130	65	6.0	6.0	2	1	11.8
UAP 140x70x7*	140	70	7.0	7.0	2	1	14.9
UAP 150x75x6*	150	75	6.0	6.0	2	1	13.8
UAP 160x80x6*	160	80	6.0	6.0	2	1	14.8
UAP 160x80x8*	160	80	8.0	8.0	2	1	19.4
UAP 180x90x8*	180	90	8.0	8.0	2	1	22.0
UAP 200x100x8*	200	100	8.0	8.0	2	1	24.6
UAP 200x100x10*	200	100	10.0	10.0	2	1	30.4

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