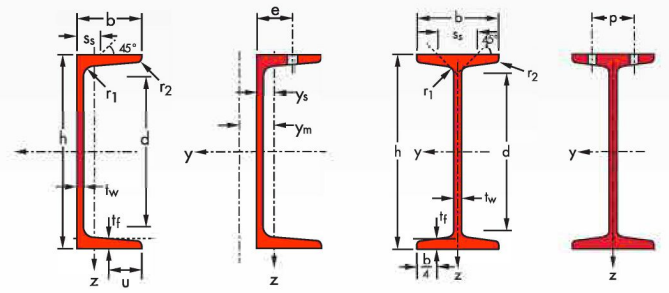


# UPN-IPN PROFİLLER



## UPN PROFİLLER (DIN 1026-1, Toleranslar EN 10279)

Kesit	Boyut mm	G Birim Ağırlık kg/m	h Derinlik mm	b Genişlik mm	t <sub>w</sub> Gövde Kalınlığı mm	t <sub>f</sub> Başlık kalınlığı mm	r <sub>1</sub> İç Köşe Yarıçapı mm	r <sub>2</sub> İç Köşe Yarıçapı mm	Tek Profil Ağırlığı kg/12.1m	1 Ton Profil boyu m/ton
UPN 40x20	40	2.9	40	20	5	5.5	5.5	2.5	35	348
UPN 40x35	40	4.9	40	35	5	7.0	7.0	3.5	59	205
UPN 50x25	50	3.9	50	25	5	6.0	6.0	3.0	47	259
UPN 50x38	50	5.6	50	38	5.0	7.0	7.0	3.5	68	179
UPN 65	65	7.1	65	42	5.5	7.5	7.5	4.0	86	141
UPN 80	80	8.6	80	45	6.0	8.0	8.0	4.0	105	116
UPN 100	100	10.6	100	50	6.0	8.5	8.5	4.5	128	94
UPN 120	120	13.4	120	55	7.0	9.0	9.0	4.5	162	75
UPN 140	140	16.0	140	60	7.0	10.0	10.0	5.0	194	63
UPN 160	160	18.8	160	65	7.5	10.5	10.5	5.5	227	53
UPN 180	180	22.0	180	70	8.0	11.0	11.0	5.5	266	45
UPN 200	200	25.3	200	75	8.5	11.5	11.5	6.0	306	40
UPN 220	220	29.4	220	80	9.0	12.5	12.5	6.5	356	34
UPN 240	240	33.2	240	85	9.5	13.0	13.0	6.5	402	30
UPN 260	260	37.9	260	90	10.0	14.0	14.0	7.0	459	26
UPN 280	280	41.8	280	95	10.0	15.0	15.0	7.5	506	24
UPN 300	300	46.2	300	100	10.0	16.0	16.0	8.0	559	22
UPN 320	320	59.5	320	100	14.0	17.5	17.5	8.8	720	17
UPN 350	350	60.6	350	100	14.0	16.0	16.0	8.0	733	17
UPN 380	380	63.1	380	102	13.5	16.0	16.0	8.0	764	16
UPN 400	400	71.8	400	110	14.0	18.0	18.0	9.0	869	14

## IPN PROFİLLER (DIN 1025-1, Toleranslar EN 10024)

Kesit	Boyut mm	G Birim Ağırlık kg/m	h Derinlik mm	b Genişlik mm	t <sub>w</sub> Gövde Kalınlığı mm	t <sub>f</sub> Başlık kalınlığı mm	r <sub>1</sub> İç Köşe Yarıçapı mm	r <sub>2</sub> İç Köşe Yarıçapı mm	Tek Profil Ağırlığı kg/12.1m	1 Ton Profil boyu m/ton
IPN 80	80	5.9	80	42	3.9	5.9	3.9	2.3	72	168
IPN 100	100	8.3	100	50	4.5	6.8	4.5	2.7	101	120
IPN 120	120	11.1	120	58	5.1	7.7	5.1	3.1	134	90
IPN 140	140	14.3	140	66	5.7	8.6	5.7	3.4	173	70
IPN 160	160	17.9	160	74	6.3	9.5	6.3	3.8	217	56
IPN 180	180	21.9	180	82	6.9	10.4	6.9	4.1	265	46
IPN 200	200	26.2	200	90	7.5	11.3	7.5	4.5	317	38
IPN 220	220	31.1	220	98	8.1	12.2	8.1	4.9	376	32
IPN 240	240	36.2	240	106	8.7	13.1	8.7	5.2	438	28
IPN 260	260	41.9	260	113	9.4	14.1	9.4	5.6	507	24
IPN 280	280	47.9	280	119	10.1	15.2	10.1	6.1	580	21
IPN 300	300	54.2	300	125	10.8	16.2	10.8	6.5	656	18
IPN 320	320	61.0	320	131	11.5	17.3	11.5	6.9	738	16
IPN 340	340	68.0	340	137	12.2	18.3	12.2	7.3	823	15
IPN 360	360	76.1	360	143	13.0	19.5	13.0	7.8	921	13
IPN 380	380	84.0	380	149	13.7	20.5	13.7	8.2	1016	12
IPN 400	400	92.4	400	155	14.4	21.6	14.4	8.6	1118	11
IPN 450	450	115.0	450	170	16.2	24.3	16.2	9.7	1392	9
IPN 500	500	141.0	500	185	18.0	27.0	18.0	10.8	1706	7
IPN 550	550	166.0	550	200	19.0	30.0	19.0	11.9	2009	6
IPN 600	600	199.0	600	215	21.6	32.4	21.6	13.0	2408	5