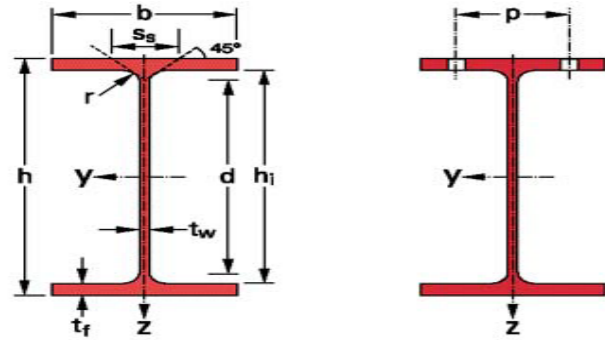


HEA Beams

H section structural profiles are used especially in the construction of steel buildings, but also in reinforced concrete structures are used to support the structure. It is used in agricultural machinery, automotive, basic construction and industrial applications along with its use in all areas of the construction that forms the structure in low and high altitude constructions.

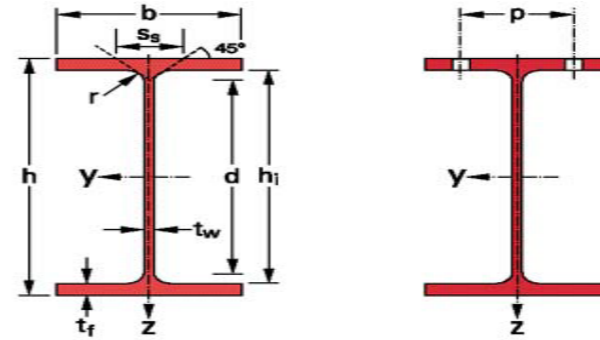


Length:	Produced from 4 m to 18 m
Dimensions:	EURONORM 53-62 ASTM A6 /A 6M - 07
Tolerances:	EN 10034 ASTM A 6/A 6M - 07

SECTION (in. x lb/ft)	DIMENSIONS						CROSS SECTION AREA A	STATIC PARAMETERS					
	G	h	b	t _w	t _f	r		STRONG AXIS			WEAK AXIS		
								I _y	W _{ely}	I _y	I _z	W _{elz}	I _z
	kg/m	mm	mm	mm	mm	mm	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
IPBI 100 (HEA 100)	16,70	96	100	5,0	8,0	12	21,20	349,2	72,76	4,06	133,80	26,76	2,51
IPBI 120 (HEA 120)	19,90	114	120	5,0	8,0	12	25,30	606,2	106,30	4,89	230,90	38,48	3,02
IPBI 140 (HEA 140)	24,70	133	140	5,5	8,5	12	31,40	1033,0	155,40	5,73	389,30	55,62	3,52
IPBI 160 (HEA 160)	30,40	152	160	6,0	9,0	15	38,80	1673,0	220,10	6,57	615,6	76,95	3,98
IPBI 180 (HEA 180)	35,50	171	180	6,0	9,5	15	45,30	2510,0	293,6	7,45	924,60	102,70	4,52
IPBI 200 (HEA 200)	42,30	190	200	6,5	10,0	18	53,80	3692,0	388,60	8,28	1336,00	133,60	4,98
IPBI 220 (HEA 220)	50,50	210	220	7,0	11,0	18	64,30	5410,0	515,20	9,17	1955,00	177,70	5,51
IPBI 240 (HEA 240)	60,30	230	240	7,5	12,0	21	76,80	7763,0	675,10	10,05	2769,00	230,70	6,00
IPBI 260 (HEA 260)	68,20	250	260	7,5	12,5	24	86,80	10450,0	836,40	10,97	3668,00	282,10	6,50
IPBI 280 (HEA 280)	76,40	270	280	8,0	13,0	24	97,30	13670,0	1013,00	11,86	4763,00	340,20	7,00
IPBI 300 (HEA 300)	88,30	290	300	8,5	14,0	27	112,00	18260,0	1260,00	12,74	6310,00	420,60	7,49
IPBI 320 (HEA 320)	97,60	310	300	9,0	15,5	27	124,00	22930,0	1479,00	13,58	6985,00	465,70	7,49

HEB Beams

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Length:	Produced from 4 m to 18 m
Dimensions:	EURONORM 53-62 ASTM A6 /A 6M - 07
Tolerances:	EN 10034 ASTM A 6/A 6M - 07

SECTION (in. x lb/ft)	DIMENSIONS						CROSS SECTION AREA A	STATIC PARAMETERS					
	G	h	b	t _w	t _f	r		STRONG AXIS			WEAK AXIS		
								I _y	W _{ely}	I _y	I _z	W _{elz}	I _z
	kg/m	mm	mm	mm	mm	mm	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
IPB 100 (HEB 100)	20,40	100	100	6,0	10,0	12	26,04	449,5	89,91	4,16	167,30	33,45	2,53
IPB 120 (HEB 120)	26,70	120	120	6,5	11,0	12	34,01	864,4	144,10	5,04	317,50	52,92	3,06
IPB 140 (HEB 140)	33,70	140	140	7,0	12,0	12	42,96	1509,0	215,60	5,93	549,70	7852,00	3,58
IPB 160 (HEB 160)	42,60	160	160	8,0	13,0	15	54,25	2492,0	311,50	6,78	889,20	111,20	4,05
IPB 180 (HEB 180)	51,20	180	180	8,5	14,0	15	65,25	3831,0	425,70	7,66	1363,00	151,40	4,57
IPB 200 (HEB 200)	61,30	200	200	9,0	15,0	18	78,08	5696,0	569,60	8,54	2003,00	200,30	5,07
IPB 220 (HEB 220)	71,50	220	220	9,5	16,0	18	91,04	8091,0	735,50	9,43	2843,00	258,50	5,59
IPB 240 (HEB 240)	83,20	240	240	10,0	17,0	21	106,00	11260,0	938,30	10,31	3923,00	326,90	6,08
IPB 260 (HEB 260)	93,00	260	260	10,0	17,5	24	118,40	14920,0	1148,00	11,22	5135,00	395,00	6,58
IPB 280 (HEB 280)	103,00	280	280	10,5	18,0	24	131,40	19270,0	1376,00	12,11	6595,00	471,00	7,09
IPB 300 (HEB 300)	117,00	300	300	11,0	19,0	27	149,10	25170,0	1678,00	12,99	8563,00	570,90	7,58
IPB 320 (HEB 320)	127,00	320	300	11,5	20,5	27	161,30	30820,0	1926,00	13,82	9239,00	615,90	7,57

