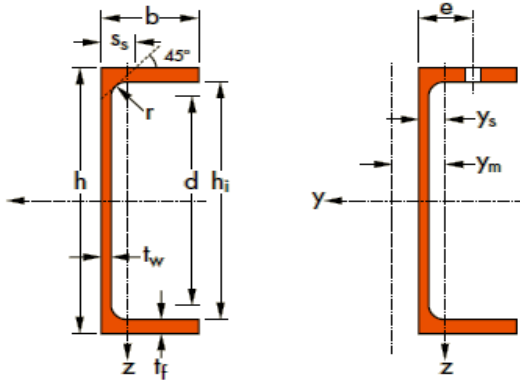


PFC Channel

PFC profiles define Parallel Flange Channel profiles. This profile is mainly used in Britain and areas in Asia with British influence. For this reason, another name is referred to as British Parallel Flanged Channel Profiles. PFC profiles have different thicknesses in the web and flange area compared to UPE profiles. It's generally heavier than UPE's and lighter than UPN / NPU's. Although PFC profiles are used in construction designs, they also provide ease of installation in the field of application compared to conical flanged profiles.



Size:	Produced from 75 mm to 300 mm.
Length:	Produced from 4 m to 18 m.
Dimensions:	BS 4-1
Tolerances:	EN 10279

SECTION	DIMENSIONS						CROSS SECTION AREA	DIMENSIONS OF THE AXIS			STATIC PARAMETERS										
								AXIS y-y					AXIS x-x								
	G	h	b	t _w	t _f	r		A	A _I	A _G	I _y	w _{el,y}	w _{pl,y}	i _y	A _{vz}	I _z	w _{el,z}	w _{pl,z}	i _z	s _s	l _t
kg/m	mm	mm	mm	mm	mm	cm ²	m ² /m	m ² /t	cm ⁴	cm ³	cm ³	cm	cm ²	cm ⁴	cm ³	cm ³	cm	mm	cm ⁴	cm ⁶	
PFC 75X40X6	5,9	75	40	3,8	6,1	-	7,52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFC 100X50X10	10,2	100	50	5,0	8,5	9	13,00	0,382	37,47	2077	41,54	48,87	4,00	5,69	32,3	9,89	18,24	1,58	18,8	2,53	0,44
PFC 125X65X15	14,8	125	65	5,5	9,5	12	18,80	0,489	33,12	483,1	77,29	89,88	5,07	8,11	80,0	18,82	34,33	2,06	22	4,72	1,74
PFC 150X75X18	17,9	150	75	5,5	10,0	12	22,80	0,579	32,38	861	114,8	132,1	6,15	9,52	131,0	26,61	48,31	2,4	22,5	6,1	4,24
PFC 150X90X24	23,9	150	90	6,5	12,0	12	30,40	0,637	26,67	1162	154,9	178,6	6,18	11,03	253,2	44,45	79,5	2,89	25,5	11,8	8,15
PFC 180X75X20	20,3	180	75	6,0	10,5	12	25,90	0,638	31,36	1370	152,2	176,2	7,27	12,05	146,4	28,76	52,95	2,38	23,5	7,34	6,92
PFC 180X90X26	26,1	180	90	6,5	12,5	12	33,20	0,697	26,74	1817	201,9	232,1	7,4	13,01	276,7	47,44	85,88	2,89	26	13,31	13,03
PFC 200X75X23	23,4	200	75	6,0	12,5	12	29,90	0,678	28,90	1963	196,3	227	8,11	13,37	170,0	33,84	62,23	2,39	25,5	11,09	9,89
PFC 200X90X30	29,7	200	90	7,0	14,0	12	37,90	0,736	24,76	2523	252,3	291,3	8,16	15,32	313,9	53,4	97,46	2,88	28	18,29	18,19
PFC 230X75X26	25,7	230	75	6,5	12,5	12	32,70	0,737	28,71	2748	239	278,4	9,17	16,26	181,0	34,81	64,11	2,35	26	11,82	14,16
PFC 230X90X32	32,2	230	90	7,5	14,0	12	41,00	0,795	24,71	3518	305,9	354,7	9,27	18,5	334,1	54,97	101,5	2,86	28,5	19,31	25,95
PFC 260X75X28	27,6	260	75	7	12	12	35,10	0,796	28,85	3619	278,4	327,8	10,15	19,42	185,5	34,36	61,24	2,3	26	11,73	19,03
PFC 260X90X35	34,8	260	90	8	14	12	44,40	0,854	24,51	4728	363,7	424,6	10,32	21,98	352,5	56,29	103,6	2,82	29	20,57	35,5

