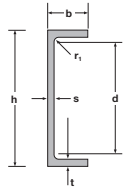


PARALLEL FLANGE CHANNELS (PFC)

Designation	Mass per metre	Depth of Section	Width of Section	Thickness	
				Web	Flange
	Kg/ mtr	h	b	s	t
	Kg/ mtr	mm	mm	mm	mm
100 x 50 x 10	10.2	100	50	5.0	8.5
125 x 65 x 15	14.8	125	65	5.5	9.5
150 x 75 x 18	17.9	150	75	5.5	10.0
150 x 90 x 24	23.9	150	90	6.5	12.0
180 x 75 x 20	20.3	180	75	6.0	10.5
180 x 90 x 26	26.1	180	90	6.5	12.5
200 x 75 x 23	23.4	200	75	6.0	12.5
200 x 90 x 30	29.7	200	90	7.0	14.0
230 x 75 x 26	25.7	230	75	6.5	12.5
230 x 90 x 32	32.2	230	90	7.5	14.0
250 x 90 x 35	35.5	250	90	8.0	15.0
260 x 75 x 28	27.6	230	75	7.0	12.0
260 x 90 x 35	34.8	260	90	8.0	14.0
300 x 90 x 41	41.4	300	90	9.0	15.5
300 x 100 x 46	45.5	300	100	9.0	16.5
380 x 100 x 54	54	380	100	9.5	17.5
430 x 100 x 64	64.4	430	100	11.0	19.0



Distance of of	Radius	Depth between Filletts	Ratios for local Buckling		Second Moment of Area	
	Root		Flange	Web	Axis x - x	Axis y - y
Cy	r_1	d	b/t	d/s		
cm	mm	mm			cm ⁴	cm ⁴
1.73	9	65	5.88	13.0	208	32.3
2.25	12	82	6.84	14.9	483	80.0
2.58	12	106	7.50	19.3	861	131
3.30	12	102	7.50	15.7	1162	253
2.41	12	153	7.14	22.5	1370	146
3.17	12	131	7.20	20.2	1817	277
2.48	12	151	6.00	25.2	1963	170
3.12	12	148	6.43	21.1	2523	314
2.30	12	181	6.00	27.8	2748	181
2.92	12	178	6.43	23.7	3518	334
2.10	12	212	6.25	30.3	3619	185
2.74	12	208	6.43	26.0	2728	353
2.60	12	245	5.81	27.2	7218	404
3.05	15	237	6.06	26.3	8229	568
2.79	15	315	5.71	33.2	15030	643
2.62	15	362	5.26	32.9	21940	722

**Grades Available:
S275JR / S355JO**