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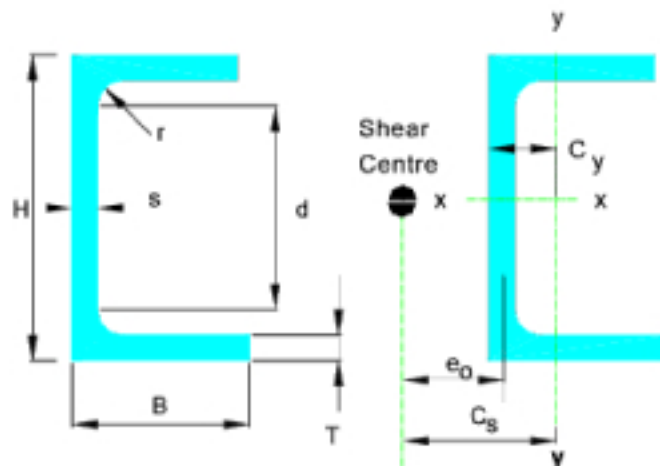
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Parallel Flange Sections.. In accordance with BS 4 Part 1: 2005



**Dimensions & Properties**

Section Name	Mass per M	Depth of Section H	Width of Section B	Thickness of		Root Radius r	Depth between Fillets d	Shear centre Position from		Second Moment		Radius of Gyration		Elastic Modulus		Elastic neutral cy	Area of Section A
				Web s	Flange T			web eo	cg sc	Axis eo	Axis sc	Axis x-x	Axis y-y	Axis x-x	Axis y-y		
	Kg/m	mm	mm	mm	mm	mm	mm	cm	cm	cm <sup>4</sup>	cm <sup>4</sup>	cm	cm	cm <sup>3</sup>	cm <sup>3</sup>	cm	cm <sup>2</sup>
430x100x64	64,44	430	100	11	19	15	362	3,27	5,34	21939	722	16,3	2,97	1020	97,9	2,62	82,1
380x100x54	53,96	380	100	9,5	17,5	15	315	3,48	5,79	15034	643	14,8	3,06	791	89,2	2,79	68,7
300x100x46	45,53	300	100	9	16,5	15	237	3,68	6,29	8229	568	11,9	3,13	549	81,7	3,05	58
300x90x41	41,39	300	90	9	15,5	12	245	3,18	5,33	7218	404	11,7	2,77	481	63,1	2,6	52,7
260x90x35	34,84	260	90	8	14	12	208	3,32	5,66	4728	353	10,3	2,82	364	56,3	2,74	44,4
260x75x28	27,58	260	75	7	12	12	212	2,62	4,37	3619	185	10,1	2,3	278	34,4	2,1	35,1
230x90x32	32,16	230	90	7,5	14	12	178	3,46	6,01	3518	334	9,27	2,86	306	55	2,92	41
230x75x26	25,86	230	75	6,5	12,5	12	181	2,78	4,75	2748	181	9,17	2,35	239	34,8	2,3	32,7
200x90x30	29,72	200	90	7	14	12	148	3,6	6,37	2523	314	8,16	2,88	252	53,4	3,12	37,9
200x75x23	23,45	200	75	6	12,5	12	151	2,91	5,09	1963	170	8,11	2,39	196	33,8	2,46	29,9
180x90x26	26,06	180	90	6,5	12,5	12	131	3,64	6,48	1817	277	7,4	2,89	202	47,4	3,17	33,2
180x75x20	20,34	180	75	6	10,5	12	135	2,87	4,98	1370	146	7,27	2,38	152	28,8	2,41	25,9
150x90x24	23,87	150	90	6,5	12	12	102	3,71	6,69	1162	253	6,18	2,89	155	44,4	3,3	30,4
150x75x18	17,87	150	75	5,5	10	12	108	2,98	5,29	861	131	6,15	2,4	115	26,6	2,58	22,8
125x85x15	14,76	125	65	5,5	9,5	12	82	2,56	4,53	483	80	5,07	2,06	77,3	18,8	2,25	18,8
100x50x10	10,20	100	50	5	8,5	9	65	1,94	3,42	208	32,3	4	1,58	41,5	9,89	1,73	13
	Kg/m	mm	mm	mm	mm	mm	mm	cm	cm	cm <sup>4</sup>	cm <sup>4</sup>	cm	cm	cm <sup>3</sup>	cm <sup>3</sup>	cm	cm <sup>2</sup>
Section Name	Mass per M	Depth of Section H	Width of Section B	Thickness of		Root Radius r	Depth between Fillets d	Shear centre Position from		Second Moment		Radius of Gyration		Elastic Modulus		Elastic neutral cy	Area of Section A
				Web s	Flange T			web eo	cg sc	Axis eo	Axis sc	Axis x-x	Axis y-y	Axis x-x	Axis y-y		