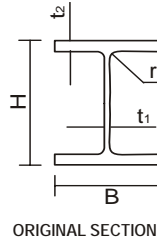
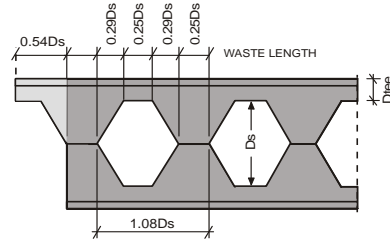
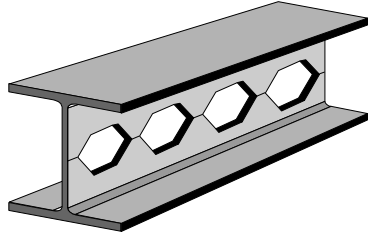
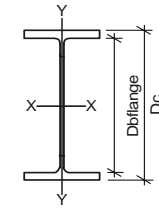


Castellated Shape Honey Comb

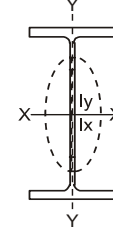
Product Specifications



ORIGINAL SECTION



CASTELLATED SECTION



Metric Size

Sectional Index		Weight Kg/m	Depth of Section		Width of Section B mm	Thickness		Corner Radius r mm	Depth of Castellated Hole Ds mm	Depth of Castellated Tee Dtee mm	Depth Between Flanges Dbflange mm	Section Area		Moment of Inertia		Radius of Gyration		Modulus of Section	
Original	Castellated		Original	Castellated		Web	Flange					Max	Min	I _x	I _y	i _x	i _y	Z _x	Z _y
mm	mm		H	DC		t ₁	t ₂					Gross	Net	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³
100 x 100	150 x 100	17.2	100	150	100	6	8	10	105	22.5	134	24.9	18.57	905.3	134	7	2.7	120.7	26.8
150 x 75	225 x 75	14	150	225	75	5	7	8	154	35.5	211	21.6	13.85	1579.7	49.5	10.7	1.9	140.4	13.2
150 x 150	225 x 150	31.5	150	225	150	7	10	11	154	35.5	205	45.39	34.54	3889.6	563	10.6	4	345.7	75.1
200 x 100	300 x 100	21.3	200	300	100	5.5	8	11	205	47.5	284	32.66	21.36	4306.8	134	14.2	2.5	287.1	26.8
	297 x 99	18.2	198	297	99	4.5	7	11	202	47.5	283	27.64	18.5	3643.9	114	14	2.5	245.4	23
200 x 200	300 x 200	49.9	200	300	200	8	12	13	205	47.5	276	71.53	55.09	11139	1600.1	14.2	5.4	742.6	160
250 x 125	375 x 125	29.6	250	375	125	6	9	12	254	60.5	357	45.16	29.86	9491.5	294.1	17.8	3.1	506.2	47
	372 x 124	25.7	248	372	124	5	8	12	253	59.5	356	38.88	26.21	8189.6	255	17.7	3.1	440.3	41.1
250 x 250	375 x 250	72.4	250	375	250	9	14	16	254	60.5	347	103.43	80.48	25477.5	3650.2	17.8	6.7	1358.8	292
300 x 150	450 x 150	36.7	300	450	150	6.5	9	13	305	72.5	432	56.53	36.67	16895.1	508.1	21.5	3.7	750.9	67.7
	447 x 149	32	298	447	149	5.5	8	13	302	72.5	431	49	32.33	14664	442	21.3	3.7	656.1	59.3
300 x 300	450 x 300	94	300	450	300	10	15	18	305	72.5	420	134.8	104.25	47854.8	6750.3	21.4	8	2126.9	450
350 x 175	525 x 175	49.6	350	525	175	7	11	14	354	85.5	503	75.39	50.54	31847.5	984.1	25.1	4.4	1213.2	112.5
	519 x 174	41.4	346	519	174	6	9	14	350	84.5	501	63.06	42	25819.2	792.1	24.8	4.3	995	91
350 x 350	525 x 350	137	350	525	350	12	19	20	354	85.5	487	194.9	152.3	95013.1	13600.6	25	9.4	3619.5	777.2
400 x 200	600 x 200	66	400	600	200	8	13	16	405	97.5	574	100.12	67.68	55683.6	1740.2	28.7	5.1	1856.1	174
	594 x 199	56.6	396	594	199	7	11	16	401	96.5	572	86.02	57.92	46656.1	1450.1	28.4	5	1570.9	145.7
450 x 200	675 x 200	76	450	675	200	9	14	18	454	110.5	647	117.01	76.06	78747.4	1870.3	32.2	5	2333.3	187
500 x 200	750 x 200	89.6	500	750	200	10	16	20	505	122.5	718	139.2	88.65	122855.7	2140.5	35.7	4.9	3009.5	214
600 x 200	900 x 200	106	600	900	200	11	17	22	605	147.5	866	167.4	100.8	184103	2280.8	42.7	4.8	4091.2	228.1
588 x 300	882 x 300	151	588	882	300	12	20	28	593	144.5	842	227.78	156.56	274532.9	9021	41.9	7.6	6225.2	601.4
400 x 400	600 x 400	172	400	600	400	13	21	22	405	97.5	558	244.7	191.99	156913.2	22400.8	28.6	10.8	5230.4	1120
700 x 300	1050 x 300	185	700	1050	300	13	24	28	705	172.5	1002	281	189.29	473222.7	10801.5	50	7.6	9013.8	720.1
800 x 300	1200 x 300	210	800	1200	300	14	26	28	805	197.5	1148	323.4	210.63	690341.9	11702.2	57.2	7.5	11505.7	780.1

Castellated Shape Honey Comb

Product Specifications

Dimensional Tolerance

Flange Width (B) (mm)	Depth (Dc) (mm)			Depth of Castellated Hole (Ds) (mm)
	Under 400	400 - 600	600 & over	
± 3.0	± 4.0	± 5.0	± 6.0	± 3.0

Mechanical Properties

Classification	Yield Point N/mm ²		Tensile Strength N/mm ²	Elongation %		
	Thickness (mm)			Thickness (mm)		
	16 or under	Over 16	5 or under	5 to 6	Over 16	
JIS G 3101 SS400	245	235	400 - 510	21	17	21

Chemical Composition

Grade	Chemical Composition (%)				
	C	Si	Mn	P	S
SS 400	-	-	-	0.05 max	0.05 max

Welding

- As per AWS
- Welding material : E 6013