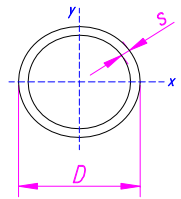
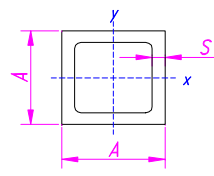


1. Round profiles - Ronde profielen				
Size	Thickness	Area	Unit wt	Properties grade
D	S			
mm	mm	mm <sup>2</sup>	Kg/m	
19	2.5	129,41	0,25	E17
22	1.8	114,23	0,22	E17
25.4	3.5	240,80	0,46	E17
28	2	163,36	0,31	E17
32	3	273,32	0,52	E17
39	5.5	578,84	1,10	E17
45	5	628,32	1,19	E17
50	4	578,08	1,10	E17
60	8	1306,90	2,48	E17
75	4	892,21	1,70	E17



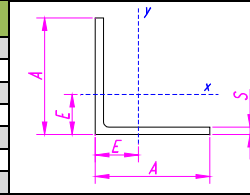
2. Strip profiles - Strip profielen								
Size	Thickness	Area	Unit wt	X-X Axis (I)	X-X Axis (S)	Y-Y Axis (I)	Y-Y Axis (S)	Properties grade
A	S			I	S	I	S	
mm	mm	mm <sup>2</sup>	Kg/m	mm <sup>4</sup>	mm <sup>3</sup>	mm <sup>4</sup>	mm <sup>3</sup>	
12.7	3	38,10	0,07	28,58	19,05	512,10	80,65	E23
12.7	6,35	80,65	0,15	270,98	85,35	1083,94	170,70	E23
40	4	159,14	0,30	210,59	105,30	20997,55	1049,88	E23
50	8	399,14	0,76	2121,06	530,26	82806,32	3312,25	E23
64	6.4	408,74	0,78	1390,47	434,52	138943,28	4341,98	E23
64	9	576,00	1,09	3888,00	864,00	196608,00	6144,00	E23
76	9	684,00	1,30	4617,00	1026,00	329232,00	8664,00	E23

3. Square profiles - Vierkante profielen								
Size	Thickness	Area	Unit wt	X-X Axis (I)	X-X Axis (S)	Y-Y Axis (I)	Y-Y Axis (S)	Properties grade
A	S			I	S	I	S	
mm	mm	mm <sup>2</sup>	Kg/m	mm <sup>4</sup>	mm <sup>3</sup>	mm <sup>4</sup>	mm <sup>3</sup>	
38	4	541,43	1,03	105266,36	5540,33	105266,36	5540,33	E23
50	5	897,43	1,71	305765,24	12230,61	305765,24	12230,61	E23
50	6	1053,43	2,00	345269,10	13810,76	345269,10	13810,76	E23
50,8	6,35	1129,03	2,15	378427,89	14898,73	378427,89	14898,73	E23
75	6	1669,95	3,17	1335434,60	35611,59	1335434,60	35611,59	E23
80	6	1728,79	3,28	1559790,16	38994,75	1559790,16	38994,75	E23
100	8	2933,70	5,57	4157005,82	83140,12	4157005,82	83140,12	E23
100 (DWB)	8	3948,57	7,50	4761842,91	95236,86	4388496,07	87769,92	E23
120	5	2282,83	4,34	5013007,77	83550,13	5013007,77	83550,13	E23
120	8	3556,53	6,76	7433348,87	123889,15	7433348,87	123889,15	E23
120 (DWB)	8	4811,40	9,14	8576888,98	142948,15	7890242,99	131504,05	E23
150 (DWB)	8	6138,27	11,66	17611097,81	234814,64	16031161,26	213748,82	E23



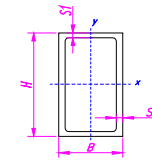
4. Angle profiles - Hoek profielen

Size	Thickness	Area	Unit wt	X-X Axis (I)	X-X Axis (S)	Y-Y Axis (I)	Y-Y Axis (S)	Properties grade
A	S			I	S	I	S	
mm	mm	mm <sup>2</sup>	Kg/m	mm <sup>4</sup>	mm <sup>3</sup>	mm <sup>4</sup>	mm <sup>3</sup>	
29	4	215,73	0,41	16601,33	818,20	16601,33	818,20	E23
50	5	475,86	0,90	112331,37	3149,18	112331,37	3149,18	E23
75	6	864,00	1,64	468426,06	8671,35	468426,06	8671,35	E23
76.2	6,35	927,20	1,76	517103,43	9437,92	517103,43	9437,92	E23
75	8	1136,00	2,16	601816,06	11288,99	601816,06	11288,99	E23



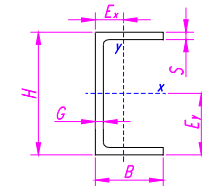
5. Rectangular profiles - Rechthoekige profielen

Size	Thickness (S)	Width	Thickness (S1)	Area	Unit wt	X-X Axis (I)	X-X Axis (S)	Y-Y Axis (I)	Y-Y Axis (S)	Properties grade
H	S	B	S1			I	S	I	S	
mm	mm	mm	mm	mm <sup>2</sup>	Kg/m	mm <sup>4</sup>	mm <sup>3</sup>	mm <sup>4</sup>	mm <sup>3</sup>	
80	5	50	5	1200,00	2,28	990000,00	24750,00	460000,00	18400,00	E23
150	8	100	8	3716,53	7,06	11128867,20	148384,90	5813785,81	116275,72	E23
117,5	4,8	92,1	4,8	1862,31	3,54	3620803,35	53914,97	2482784,22	53914,97	E23
170	5	120	5	2800,00	5,32	11583333,33	136274,51	6733333,33	112222,22	E23

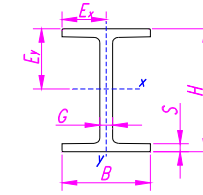


6. U-profiles - U-profielen

Size	Width	Thickness S(G)	Area	Unit wt	X-X Axis (I)	X-X Axis (S)	Y-Y Axis (I)	Y-Y Axis (S)	Properties grade
H	B	S(G)			I	S	I	S	
mm	mm	mm	mm <sup>2</sup>	Kg/m	mm <sup>4</sup>	mm <sup>3</sup>	mm <sup>4</sup>	mm <sup>3</sup>	
50	30	5	495,82	0,94	176186,56	7047,46	41141,65	2067,42	E23
57	60	3	513,00	0,97	295872,75	10381,50	195324,75	5073,37	E23
60	50	5	755,15	1,43	433744,91	14458,16	189488,58	5817,89	E23
84	30	5.5	728,50	1,38	680869,37	16211,18	52580,30	2426,41	E23
100	35	5	797,00	1,51	1085137,86	21702,76	80541,03	3112,10	E23
101.6	35	4.8	777,60	1,48	1099220,48	21638,20	78655,56	3015,93	E23
100	50	6	1133,15	2,15	1676484,54	33529,69	262588,63	33529,70	E23
150	40	10	2091,42	3,97	5701531,57	76020,42	227536,10	7787,00	E23
150	50	6	1433,15	2,72	4448551,17	59314,02	295828,27	7832,36	E23
152.4	42	6.35	1408,91	2,68	4220826,16	55391,42	186107,72	5806,79	E23
152.4	42	9.5	2065,30	3,92	5959232,85	78205,16	256139,35	8270,56	E23
200	50	10	2791,42	5,30	13796871,42	137968,71	478646,95	12662,62	E23
203.2	56	9.5	2814,85	5,35	14954399,63	147188,97	648977,82	15284,45	E23
250	70	12	4383,42	8,33	35202932,73	281623,46	1587212,95	30026,62	E23
340	70	10	4590,56	8,72	65144238,66	383201,40	1469721,87	26320,23	E23



7. I-profiles - I-profielen									
Size	Width	Thickness S(G)	Area	Unit wt	X-X Axis (I)	X-X Axis (S)	Y-Y Axis (I)	Y-Y Axis (S)	Properties grade
H	B	S(G)			I	S	I	S	
mm	mm	mm	mm <sup>2</sup>	Kg/m	mm <sup>4</sup>	mm <sup>3</sup>	mm <sup>4</sup>	mm <sup>3</sup>	
50.8	50.8	4.2	606,87	1,15	259657,42	10222,73	90966,57	3581,36	E23
76.2	76.2	6.35	1385,52	2,63	1330295,42	34915,89	4670208,97	12262,70	E23
101.6	50.8	6.35	1245,02	2,37	1897669,76	37355,70	141361,99	5565,43	E23
152.4	76.2	6.35	1884,02	3,58	6742504,06	88484,31	469447,13	12321,45	E23
200	100	10	3924,12	7,46	24317781,44	243177,81	1732788,62	34655,77	E23
250	125	12	5833,89	11,08	55547303,72	444378,43	3941855,41	63069,69	E23



8. Deckplanks - Dekplanken							
Name	Type	Area - (mm <sup>2</sup> )	Weight (kg/m)	X-X Axis (Zx)	X-X Axis (Zy)	Y-Y Axis (Ix)	Y-Y Axis (Iy)
				Zx	Zy	Ix(mm <sup>4</sup> )	Iy(mm <sup>4</sup> )
HC350	371x25x4mm	2331,73	4,43	8969,28	143222,56	155706,62	27957044,30
HC429C	455x30x4mm	3706,15	7,04	34020,20	283296,27	554189,02	66095853,59
HC600	600x40x5mm	5582,20	10,61	39925,11	602510,51	1074384,60	182632986,70
HC280	300x40x5mm	3193,27	6,07	25962,70	166738,83	647769,24	25044171,87
HC300	300x80x8x6mm	6718,30	12,76	151996,09	403838,02	6470473,70	63632757,37

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9. Grating - Roosters								
Number	Type	Mesh size (mm)	Panel size 1 (Width x Length) mm	Panel size 2 (Width x Length) mm	Panel size 3 (Width x Length) mm	Thickness (mm)	Open area (%)	Unit Weight (kg/m <sup>2</sup> )
3	AS38x38/25	38x38	1220x3660	1220x2440	915x3050	25	67	13
5	AS38x38/30	38x38	1220x3660	1220x2440	915x3050	30	67	14,6
6	AS38x38/38	38x38	1220x3660	1220x2440	915x3050	38	67	18,5
18	ES38x38/25	38x38	1000x4038	1000x3000	1000x2000	25	70	13
19	ES38x38/30	38x38	1000x4038	1000x3000	1000x2000	30	70	16,1
20	ES38x38/38	38x38	1000x4038	1000x3000	1000x2000	38	70	18,5