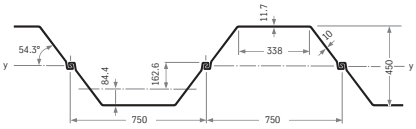
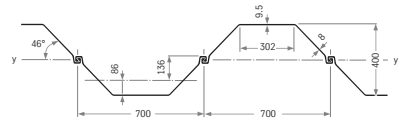
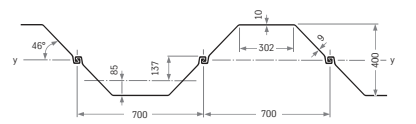
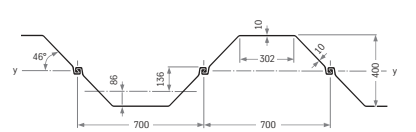
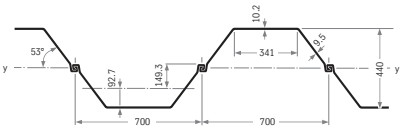
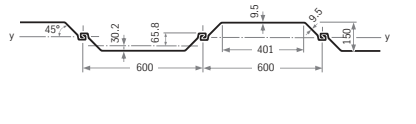
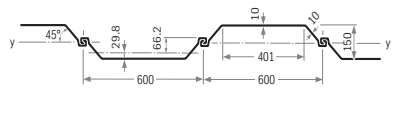
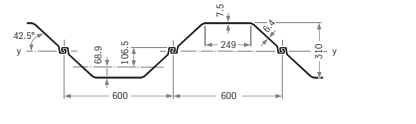
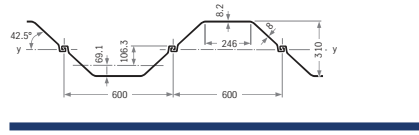
Hot Rolled Sheets: LARSSEN (U) Sections

Section E = Single pile D = Double pile Dr = Triple pile		Elastic section modulus [1] W_y cm³	Plastic section modulus [1] W_y cm³	Weight kg/m	Cross sectional area cm²	Circum-ference [2] cm	Coating area [3] m²/m	Static moment S_y cm³	Second moment of inertia I_y cm⁴	Radius of gyration i_y cm	Classification to ENV 1993-5 Steel grades S 240 GP	S 355 GP	S 430 GP
LARSSEN 755	per m wall	**2000**	2284	**127.5**	162.4	256	2.56	1142	**45000**	16.65	2	2	3
	per E	580		95.6	121.8	221	2.09	–	9431	8.80	–	–	–
	per D	3000		191.2	243.6	414	4.02	–	67500	16.65	–	–	–
	per Dr	3407		286.8	365.4	606	5.94	–	92620	15.93	–	–	–
LARSSEN 703	per m wall	**1210**	1460	**96.4**	122.9	251	2.51	730	**24200**	13.90	2	3	3
	per E	414		67.5	86	202	1.90	–	5630	8.00	–	–	–
	per D	1700		135	172	377	3.65	–	34000	13.90	–	–	–
	per Dr	1980		202.5	258	553	5.41	–	47100	13.40	–	–	–
LARSSEN 703 K	per m wall	**1300**	1575	**103**	131.1	251	2.51	787.5	**25950**	13.90	2	2	3
	per E	426		72.1	91.8	202	1.90	–	5830	7.90	–	–	–
	per D	1820		144.2	183.6	377	3.65	–	36330	13.90	–	–	–
	per Dr	2120		216.3	275.4	553	5.41	–	50380	13.40	–	–	–
LARSSEN 703 10/10 [4]	per m wall	**1340**	1572	**108**	137.6	251	2.51	786	**26800**	13.90	2	3	3
	per E	437		75.6	96.3	202	1.90	–	5960	7.90	–	–	–
	per D	1880		151.2	192.6	377	3.65	–	37600	13.90	–	–	–
	per Dr	2190		226.8	288.9	553	5.41	–	52120	13.40	–	–	–
LARSSEN 704	per m wall	**1600**	1864	**115**	146.4	260	2.60	960	**35200**	15.50	2	3	3
	per E	529		80.5	102.5	211	1.99	–	7910	8.80	–	–	–
	per D	2240		161	205	392	3.80	–	49280	15.50	–	–	–
	per Dr	2600		241.5	307.5	574	5.62	–	68255	14.90	–	–	–
LARSSEN 600	per m wall	**510**	580	**94.0**	119.7	225	2.25	290	**3825**	5.65	3	4	4
	per E	130		56.4	71.8	156	1.44	–	850	3.45	–	–	–
	per D	614		112.8	143.6	291	2.79	–	4590	5.65	–	–	–
	per Dr	712		169.2	215.4	426	4.14	–	6400	5.45	–	–	–
LARSSEN 600 K	per m wall	**540**	618	**99.0**	126.1	225	2.25	309	**4050**	5.67	3	4	4
	per E	133		59.4	75.6	156	1.44	–	880	3.42	–	–	–
	per D	648		118.8	151.2	291	2.79	–	4860	5.67	–	–	–
	per Dr	752		178.2	226.8	426	4.14	–	6770	5.46	–	–	–
LARSSEN 601	per m wall	**745**	836	**78.0**	98.3	245	2.45	418	**11520**	10.83	2	3	3
	per E	251		46.8	59	172	1.60	–	2650	6.70	–	–	–
	per D	890		93.6	118	319	3.07	–	13830	10.83	–	–	–
	per Dr	1050		140.4	177	466	4.54	–	19320	10.44	–	–	–
LARSSEN 602	per m wall	**830**	964	**89**	113.3	245	2.45	482	**12870**	10.66	2	2	3
	per E	265		53.4	68	172	1.60	–	2790	6.41	–	–	–
	per D	996		106.8	136	319	3.07	–	15440	10.66	–	–	–
	per Dr	1170		160.2	204	466	4.54	–	21520	10.27	–	–	–