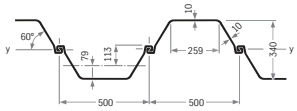
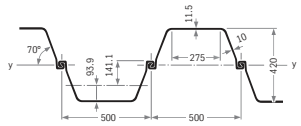
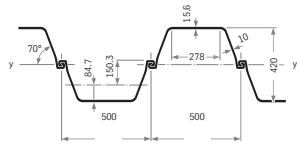
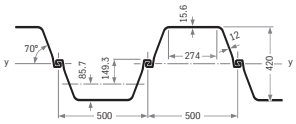
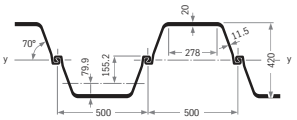
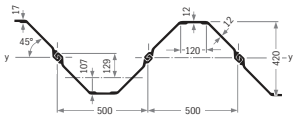
Hot Rolled Sheets: LARSSEN (U) Sections

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 22 10/10 [4]	per m wall	**1300**	1504	**130**	165.6	280	2.80	752	**22100**	11.6	2	2	2
	per E	369		65	82.8	165	1.53	–	4180	7.1	–	–	–
	per D	1300		130	165.6	304	2.92	–	22100	11.6	–	–	–
	per Dr	1540		195	248.4	443	4.31	–	30860	11.16	–	–	–
LARSSEN 23	per m wall	**2000**	2300	**155**	197.4	315	3.15	1150	**42000**	14.6	2	2	2
	per E	527		77.5	98.7	184	1.72	–	7480	8.71	–	–	–
	per D	2000		155	197.4	342	3.30	–	42000	14.6	–	–	–
	per Dr	2350		232.5	296.1	500	4.88	–	58470	14.1	–	–	–
LARSSEN 24	per m wall	**2500**	2800	**175**	222	315	3.15	1400	**52500**	15.3	2	2	2
	per E	547		87.5	111	184	1.72	–	8270	8.63	–	–	–
	per D	2500		175	222	340	3.28	–	52500	15.3	–	–	–
	per Dr	2860		262.5	333	496	4.84	–	71970	14.7	–	–	–
LARSSEN 24/12	per m wall	**2550**	2948	**185.4**	236.2	315	3.15	1474	**53610**	15.1	2	2	2
	per E	560		92.7	118.1	184	1.72	–	8397	8.4	–	–	–
	per D	2550		185.4	236.2	340	3.28	–	53610	15.1	–	–	–
	per Dr	2952		278.1	354.3	496	4.84	–	74279	14.5	–	–	–
LARSSEN 25	per m wall	**3040**	3480	**206**	262	311	3.11	1740	**63840**	15.61	2	2	2
	per E	562		103	131	183	1.71	–	8850	8.22	–	–	–
	per D	3040		206	262	339	3.27	–	63840	15.61	–	–	–
	per Dr	3420		309	393	494	4.82	–	86940	14.85	–	–	–
LARSSEN 43	per m wall	**1660**	2184	**166**	212	280	2.80	1100	**34900**	12.8	2	2	2
	per E	483		83	106	167	1.55	–	6230	7.67	–	–	–
	per D	1660		166	212	308	2.96	–	34900	12.8	–	–	–
	per Dr	1990		249	318	449	4.37	–	48670	12.4	–	–	–

1) Section modulus refers to E and Dr – the heavy axis of the respective element
D and per m wall – the wall axis y-y
The section modulus of D, Dr and per m wall requires locking of the factory-crimped interlocks to accommodate the shear forces.

2) Including the interior of the free locks of single, double and triple piles.

3) Without interlock interior coating on both sides.

4) Rolling/delivery on request only.