

Section	b mm	h mm	t mm	s mm	Coating area* m <sup>2</sup> per m <sup>2</sup> wall	Steel section cm <sup>2</sup> / m	Mass		Section modulus** cm <sup>3</sup> per m wall	Moment of inertia** cm <sup>4</sup> per m wall	Radius of gyration cm per m wall	Bending moment capacity at yield point		
							kg per m single pile	kg per m <sup>2</sup> wall				S 240 GP	S 355 GP kNm/m	S 430 GP
AU 14	750	408	10.0	8.3	2.54	132	77.9	104	1410	28710	14.73	338	501	606
AU 16	750	411	11.5	9.3	2.54	147	86.3	115	1600	32850	14.98	384	568	688
AU 17	750	412	12.0	9.7	2.54	151	89.0	119	1665	34270	15.05	400	591	716
AU 18	750	441	10.5	9.1	2.65	150	88.5	118	1780	39300	16.17	427	632	765
AU 20	750	444	12.0	10.0	2.65	165	96.9	129	2000	44440	16.43	480	710	860
AU 21	750	445	12.5	10.3	2.65	169	99.7	133	2075	46180	16.52	498	737	892
AU 23	750	447	13.0	9.5	2.71	173	102.1	136	2270	50700	17.10	545	806	976
AU 25	750	450	14.5	10.2	2.71	188	110.4	147	2500	56240	17.32	600	888	1075
AU 26	750	451	15.0	10.5	2.71	192	113.2	151	2580	58140	17.39	619	915	1109
PU 6	600	226	7.5	6.4	2.37	97	45.6	76	600	6780	8.37	144	213	258
PU 8	600	280	8.0	8.0	2.50	116	54.5	91	830	11620	10.02	199	295	357
PU 12	600	360	9.8	9.0	2.64	140	66.1	110	1200	21600	12.41	288	426	516
PU 12 10/10	600	360	10.0	10.0	2.64	148	69.6	116	1255	22580	12.36	301	446	540
PU 16	600	380	12.0	9.0	2.75	159	74.7	124	1600	30400	13.85	384	568	688
PU 20	600	430	12.4	10.0	2.91	179	84.3	140	2000	43000	15.50	480	710	860
PU 25	600	452	14.2	10.0	3.03	199	93.6	156	2500	56490	16.86	600	888	1075
PU 32	600	452	19.5	11.0	3.03	242	114.1	190	3200	72320	17.28	768	1136	1376
L 2 S	500	340	12.3	9.0	2.92	177	69.7	139	1600	27200	12.38	384	568	688
L 3 S	500	400	14.1	10.0	3.04	201	78.9	158	2000	40010	14.11	480	710	860
L 4 S	500	440	15.5	10.0	3.22	219	86.2	172	2500	55010	15.83	600	888	1075
JSP 3	400	250	13.0		2.98	191	60.0	150	1340	16800	9.38	322	476	576

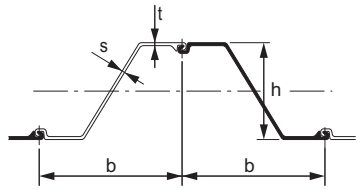
\* 2 sides, inside of interlocks excluded

\*\* Shear transfer in the interlock must be assured to guarantee the given values



## Sheet Piling

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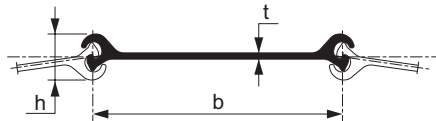


Section	b mm	h mm	t mm	s mm	Coating area* m <sup>2</sup> per m <sup>2</sup> wall	Steel section cm <sup>2</sup> / m	Mass		Section modulus cm <sup>3</sup> per m wall	Moment of inertia cm <sup>4</sup> per m wall	Radius of gyration cm per m wall	Bending moment capacity at yield point		
							kg per m single pile	kg per m <sup>2</sup> wall				S 240 GP kNm/m	S 355 GP kNm/m	S 430 GP kNm/m
AZ 12	670	302	8.5	8.5	2.45	126	66.1	99	1200	18140	12.02	288	426	516
AZ 13	670	303	9.5	9.5	2.45	137	72.0	107	1300	19700	11.99	312	462	559
AZ 14	670	304	10.5	10.5	2.45	149	78.3	117	1400	21300	11.96	336	497	602
AZ 17	630	379	8.5	8.5	2.70	138	68.4	109	1665	31580	15.12	400	591	716
AZ 18	630	380	9.5	9.5	2.70	150	74.4	118	1800	34200	15.07	432	639	774
AZ 19	630	381	10.5	10.5	2.70	164	81.0	129	1940	36980	15.03	466	689	834
AZ 25	630	426	12.0	11.2	2.82	185	91.5	145	2455	52250	16.80	589	872	1056
AZ 26	630	427	13.0	12.2	2.82	198	97.8	155	2600	55510	16.75	624	923	1118
AZ 28	630	428	14.0	13.2	2.82	211	104.4	166	2755	58940	16.71	661	978	1185
AZ 34	630	459	17.0	13.0	2.93	234	115.5	183	3430	78700	18.36	823	1218	1475
AZ 36	630	460	18.0	14.0	2.93	247	122.2	194	3600	82800	18.30	864	1278	1548
AZ 38	630	461	19.0	15.0	2.93	261	129.1	205	3780	87080	18.26	907	1342	1625
AZ 46	580	481	18.0	14.0	3.26	291	132.6	229	4595	110450	19.48	1103	1631	1976
AZ 48	580	482	19.0	15.0	3.26	307	139.6	241	4800	115670	19.43	1152	1704	2064
AZ 50	580	483	20.0	16.0	3.26	322	146.7	253	5015	121060	19.38	1204	1780	2156

For minimum steel thickness of 10 mm:

AZ 13 10/10	670	304	10.0	10.0	2.45	143	75.2	112	1390	20480	11.97	334	493	598
AZ 18 10/10	630	381	10.0	10.0	2.70	157	77.8	123	1870	35540	15.04	449	664	804

\* 2 sides, inside of interlocks excluded



AS 500-12.0	500 *	92	12.0		1.15**	94.6**	74.3	149	51**	196**		Interlock strength		
AS 500-12.5	500 *	92	12.5		1.15**	97.2**	76.3	153	51**	201**		up to 6000 kN/m		
AS 500-12.7	500 *	92	12.7		1.15**	98.2**	77.1	154	52**	204**		on request		

\* The effective width to be taken into account for design purposes (lay-out) is 503 mm for all AS 500 sheet piles

\*\* per single pile