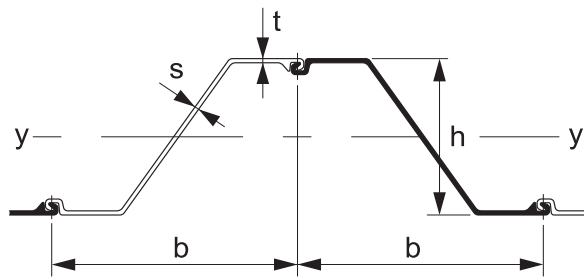


Steel Sheet Piling - Hot Rolled AZ Sections (1 of 2)



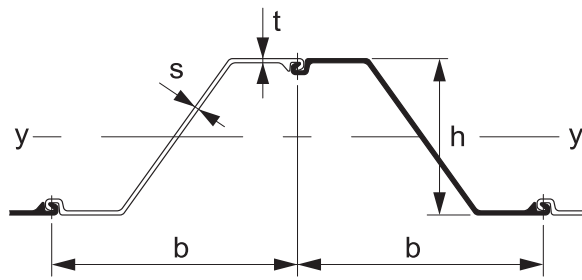
AZ sections are continuous through the web with the interlocks located symmetrically on each side of the neutral axis, this positively influences the section modulus.

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Section	Width b mm	Height h mm	Thickness		Sectional Area cm ² /m	Coating Area* m ² /m of Wall	Mass		Section Modulus cm ³ /m	Moment of Inertia cm ⁴ /m
			t mm	s mm			kg/m Single Pile	kg/m ² of Wall		
AZ-800 Sections										
AZ 18-800	800	449	8.5	8.5	129	1.30	80.7	101	1840	41320
AZ 20-800	800	450	9.5	9.5	141	1.30	88.6	111	2000	45050
AZ 22-800	800	451	10.5	10.5	153	1.30	96.4	120	2165	48790
AZ 23-800	800	474	11.5	9.0	151	1.32	94.6	118	2330	55260
AZ 25-800	800	475	12.5	10.0	163	1.32	102.6	128	2500	59410
AZ 27-800	800	476	13.5	11.0	176	1.32	110.5	138	2670	63570
AZ-750 Sections										
AZ 28-750	750	509	12.0	10.0	171	1.41	100.8	134	2810	71540
AZ 30-750	750	510	13.0	11.0	185	1.41	108.8	145	3005	76670
AZ 32-750	750	511	14.0	12.0	198	1.41	116.7	156	3200	81800
AZ-770 Sections										
AZ 12-770	770	344	8.5	8.5	120	1.20	72.6	94	1245	21430
AZ 13-770	770	344	9.0	9.0	126	1.20	76.1	99	1300	22360
AZ 14-770	770	345	9.5	9.5	132	1.20	79.5	103	1355	23300
AZ 14-770-10/10	770	345	10.0	10.0	137	1.20	82.9	108	1405	24240
AZ-700 Sections										
AZ 12-700	700	314	8.5	8.5	123	1.22	67.7	97	1205	18880
AZ 13-700	700	315	9.5	9.5	135	1.22	74.0	106	1305	20540
AZ 13-700-10/10	700	316	10.0	10.0	140	1.22	77.2	110	1355	21370
AZ 14-700	700	316	10.5	10.5	146	1.22	80.3	115	1405	22190
AZ 17-700	700	420	8.5	8.5	133	1.33	73.1	104	1730	36230
AZ 18-700	700	420	9.0	9.0	139	1.33	76.5	109	1800	37800
AZ 19-700	700	421	9.5	9.5	146	1.33	80.0	114	1870	39380
AZ 20-700	700	421	10.0	10.0	152	1.33	83.5	119	1945	40960
AZ 24-700N	700	459	12.5	9.0	163	1.37	89.7	128	2435	55890
AZ 26-700N	700	460	13.5	10.0	176	1.37	96.9	138	2600	59790
AZ 28-700N	700	461	14.5	11.0	189	1.37	104.1	149	2765	63700
AZ 24-700	700	459	11.2	11.2	174	1.38	95.7	137	2430	55820
AZ 26-700	700	460	12.2	12.2	187	1.38	102.9	147	2600	59720
AZ 28-700	700	461	13.2	13.2	200	1.38	110.0	157	2760	63620
AZ 36-700N	700	499	15.0	11.2	216	1.47	118.6	169	3590	89610
AZ 38-700N	700	500	16.0	12.2	230	1.47	126.4	181	3795	94840
AZ 40-700N	700	501	17.0	13.2	244	1.47	134.2	192	3995	100080
AZ 42-700N	700	499	18.0	14.0	259	1.46	142.1	203	4205	104930
AZ 44-700N	700	500	19.0	15.0	273	1.46	149.9	214	4405	110150
AZ 46-700N	700	501	20.0	16.0	287	1.46	157.7	225	4605	115370
AZ 48-700	700	503	22.0	15.0	288	1.46	158.5	226	4755	119650
AZ 50-700	700	504	23.0	16.0	303	1.46	166.3	238	4955	124850
AZ 52-700	700	505	24.0	17.0	317	1.46	174.1	249	5155	130140

* One side excluding inside of interlocks

- Notes:
- Piles typically supplied threaded together as double piles from the mill, either crimped or uncrimped
 - Corner sections with Larsen interlocks suitable for these profiles can be supplied



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			t mm	s mm			kg/m Single Pile	kg/m ² of Wall		
AZ Classic Sections										
AZ 17	630	379	8.5	8.5	138	1.35	68.4	109	1665	31580
AZ 18	630	380	9.5	9.5	150	1.23	74.4	118	1800	34200
AZ 18-10/10	630	381	10.0	10.0	157	1.23	77.8	123	1870	35540
AZ 19	630	381	10.5	10.5	164	1.35	81.0	129	1940	36980
AZ 25	630	426	12.0	11.2	185	1.41	91.5	145	2455	52250
AZ 26	630	427	13.0	12.2	198	1.41	97.8	155	2600	55510
AZ 28	630	428	14.0	13.2	211	1.41	104.4	166	2755	58940
AZ 46	580	481	18.0	14.0	291	1.23	132.6	229	4595	110450
AZ 48	580	482	19.0	15.0	307	1.23	139.6	241	4800	115670
AZ 50	580	483	20.0	16.0	322	1.41	146.7	253	5015	121060
AZ Discontinued Sections										
AZ 37-700	700	499	17.0	12.2	226	1.46	124.2	177	3705	92400
AZ 39-700	700	500	18.0	13.2	240	1.46	131.9	188	3900	97500
AZ 41-700	700	501	19.0	14.2	254	1.46	139.5	199	4095	102610
AZ 12	670	302	8.5	8.5	126	1.23	66.1	99	1200	18140
AZ 13	670	303	9.5	9.5	137	1.23	72.0	107	1300	19700
AZ 13-10/10	670	304	10.0	10.0	143	1.23	75.2	112	1350	20480
AZ 14	670	304	10.5	10.5	149	1.23	78.3	117	1400	21300

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