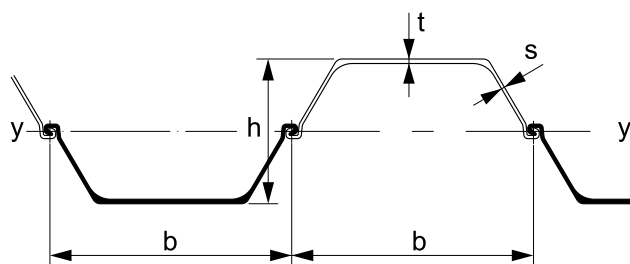


Steel Sheet Piling - Hot Rolled U Sections



The traditional U profile has been in used worldwide for over 90 years.

- Proven qualities of the Larsen interlock
- A wide range of sections with varying characteristics to facilitate design optimization
- The symmetrical form of the single pile makes these convenient for re-use
- Assembling and crimping piles into pairs reduces interlock shear reduction factors and provides installation efficiencies
- Improved corrosion performance with increased steel thickness at the critical corrosion points

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		
GU Sections										
GU 6N	600	309	6.0	6.0	89	1.26	41.9	70	625	9670
GU 7N	600	310	6.5	6.4	94	1.26	44.1	74	675	10450
GU 7S	600	311	7.2	6.9	100	1.26	46.3	77	740	11540
GU 8N	600	312	7.5	7.1	103	1.26	48.5	81	770	12010
GU 12-500	500	340	9.0	8.5	144	1.44	56.6	113	1155	19640
GU 13-500	500	340	10.0	9.0	155	1.44	60.8	122	1260	21390
GU 15-500	500	340	12.0	10.0	177	1.44	69.3	139	1460	24810
GU 16-400	400	290	12.7	9.4	197	1.60	62.0	155	1560	22580
GU 18-400	400	292	15.0	9.7	221	1.60	69.3	173	1785	26090
PU-R Sections										
PU 6R	600	280	6.0	6.0	90	1.26	42.2	70	640	8940
PU 7R	600	280	6.5	6.3	94	1.26	44.3	74	685	9580
PU 8R	600	280	7.5	6.9	103	1.26	48.7	81	775	10830
PU 9R	600	360	7.0	6.4	105	1.35	49.5	82	940	16930
PU 10R	600	360	8.0	7.0	114	1.35	53.8	90	1055	18960
PU 11R	600	360	9.0	7.6	123	1.35	58.1	97	1165	20960
PU 13R	675	400	10.0	7.4	124	1.32	65.6	97	1285	25690
PU 14R	675	400	11.0	8.0	133	1.32	70.5	104	1400	28000
PU 15R	675	400	12.0	8.6	142	1.32	75.4	112	1515	30290
AU Sections										
AU 14	750	408	10.0	8.3	132	1.27	77.9	104	1405	28680
AU 16	750	411	11.5	9.3	147	1.27	86.3	115	1600	32850
AU 17	750	412	12.0	9.7	151	1.27	89.0	119	1665	34270
AU 18	750	441	10.5	9.1	150	1.33	88.5	118	1780	39300
AU 20	750	444	12.0	10.0	165	1.33	96.9	129	2000	44440
AU 21	750	445	12.5	10.3	169	1.33	99.7	133	2075	46180
AU 23	750	447	13.0	9.5	173	1.36	102.1	136	2270	50700
AU 25	750	450	14.5	10.2	188	1.36	110.4	147	2500	56240
AU 26	750	451	15.0	10.5	192	1.36	113.2	151	2580	58140
PU Sections										
PU 12	600	360	9.8	9.0	140	1.32	66.1	110	1200	21600
PU 12 10/10	600	360	10.0	10.0	148	1.32	69.6	116	1255	22580
PU 18-1	600	430	10.2	8.4	154	1.43	72.6	121	1670	35950
PU 18	600	430	11.2	9.0	163	1.43	76.9	128	1800	38650
PU 22-1	600	450	11.1	9.0	174	1.49	81.9	137	2060	46380
PU 22	600	450	12.1	9.5	183	1.49	86.1	144	2200	49460
PU 28-1	600	452	14.2	9.7	207	1.54	97.4	162	2680	60580
PU 28	600	454	15.2	10.1	216	1.54	101.8	170	2840	64460
PU 32	600	452	19.5	11.0	242	1.52	114.1	190	3200	72320

* One side excluding inside of interlocks

** Quoted figures for U sections represent the fully developed section modulus and moment of inertia. Designers should ensure full shear transfer in the interlock or consider appropriate project specific interlock shear reduction factors.

Note: • Corner sections with Larsen interlocks suitable for these profiles can be supplied