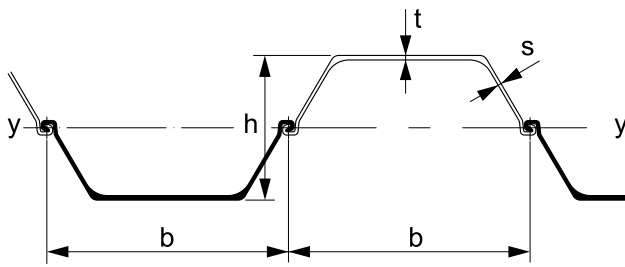


Steel Sheet Piling - Hot Rolled U Sections



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

- Proven qualities of the Larssen 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		
PU-J Sections										
PU 10J	600	260	10.3	-	131.2	-	61.7	103	1028	13362
PU 18J	600	360	13.4	-	173.2	-	81.6	136	1809	32560
PU 27J	600	420	18.0	-	225.5	-	106.0	177	2702	56751

Corner Sections

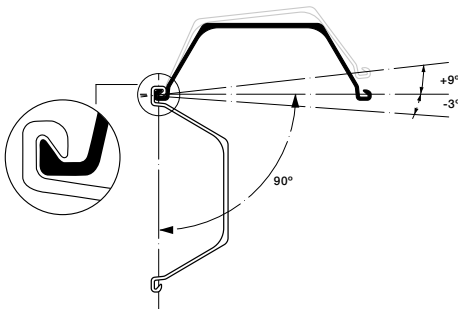
CIII Corner Pile	400	125	13.0	-	191.1	-	60.0	150	1340	16800
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* One side excluding inside of interlocks

** 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 Larssen interlocks suitable for these profiles can be supplied

CIII Connection and Rotation Detail



Note: • CIII Corner piles are driven as a separate single pile, they do not need to be welded to other sheet piles.