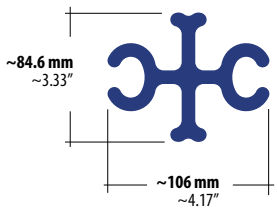

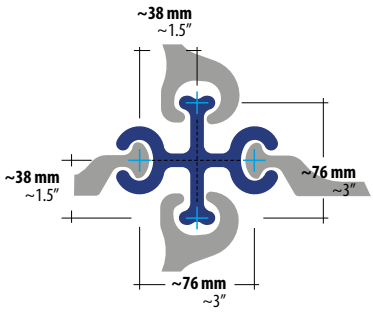

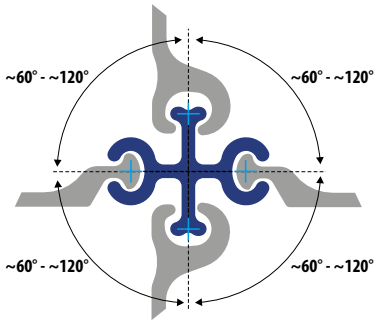

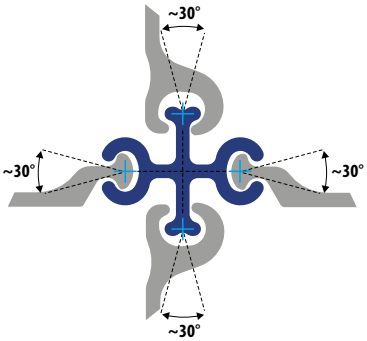

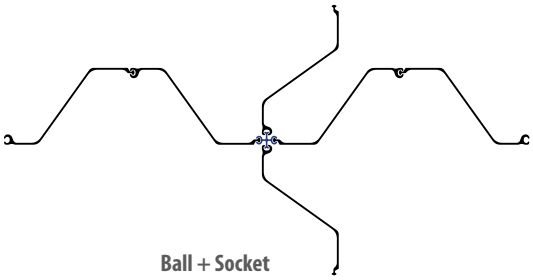

Ball + Socket

Connector US-Cross I

Application			**Advantages**
Cross connection			Equal spacing system ensures easy planning and safe installation without the need for cutting, bending or other fabrication piles and eliminates most welding.
For Ball & Socket Z sheet piles only			
Properties			Seamless cross sections, made from one peace of steel.
Steel grades:	S355, 572 Grade 50		Minimum angle flexibility of at least 30° each interlock.
Steel thickness:	8 mm	0.32"	Provide maximum safety margin by the primary load absorption properties of the connecting webs within the clutches.
Lengths:	on request, from 7.6 m - 10.6 m	25 to 35 ft, hot extruded	
Weight:	20 kg/m	13.4 lbs/ft	All connectors are compatible with each other.
			Also available as 100% melted and manufactured in the USA.

Connectors are **not suitable for single driving**. Please insert the connector before driving into the sheet pile interlock, tack it with welds and drive it together with the sheet pile (EN12063).

SteelWall connectors generally comply with the European standards and are manufactured by certified steel processing companies. All figures are approximate and may vary. Bar twists are possible up to 0.025" per foot (2 mm per meter). Tolerance of steel thickness ± 0.04" (± 1 mm). Length tolerance up to ±7.9" (±200 mm). Degree details refer to the connector bar axes. We reserve the right to make technical changes. We refer to DIN EN 12063. Please check the sheet pile interlocks with a physical sample section of the desired connector for compatibility.

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