NEW!
HOESCH SECTIONS

HOESCH 07's

The next generation in Hot Rolled Sheet pile technology

HOESCH 1807
HOESCH 2507
HOESCH 2607
HOESCH 2707
HOESCH 2807

ThyssenKrupp Steelcom

ThyssenKrupp

The Next Generation Sheet Pile

There's a new sheet in town

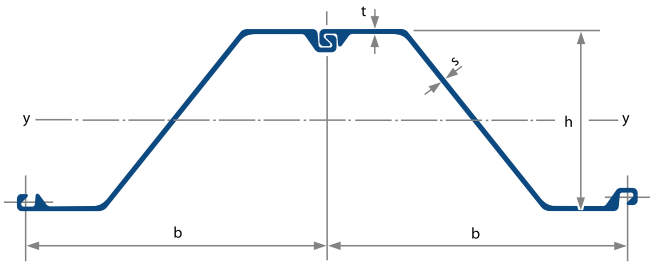
Steel sheet piles have become one of the most versatile and efficient structural elements for civil engineering designers. The design, and installation technology of hot rolled sections has contributed to civil engineering works for more than one hundred years. From marine, port, and transportation structures, to deep excavation support, earth retention, and environmental containment applications, steel sheet piles continue to be one of the most cost effective geostructural solutions.

Hoesch developments in sheet pile technology have resulted in this innovative fusion of the HOESCH Z section and the LARSSEN interlock design.

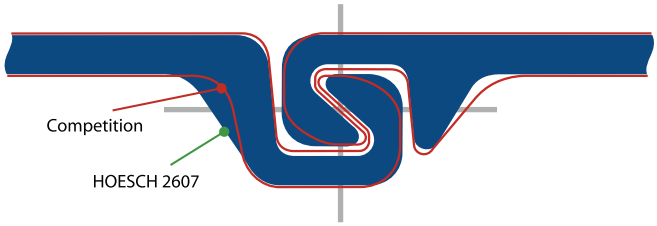
The new HOESCH Z-pile is the evolution of an already established range of piling products. The new wider, lighter, shape possesses strength-to-weight properties that push the structural envelope, offering material economics and engineering efficiencies.

	Section modulus		Weight		Second moment of inertia	Back thickness	Web thickness	Wall height	Section width
New Z Profiles	W_y [1] cm/m	cm^3/	kg/m^2	kg/	I_y cm^4/m	t	s	h	b
	Wall	Single pile	Wall	Single pile	Wall	mm	mm	mm	mm
HOESCH sections (LARSSEN interlock)									
HOESCH 1807	1800	1260	109.3	76.5	37800	9.2	9.0	420	700
HOESCH 2507	2525	1768	141.4	99.0	55550	11.5	11.5	440	700
HOESCH 2607	2600	1820	146.2	102.3	57200	12.0	12.0	440	700
HOESCH 2707	2705	1894	153.0	107.1	59400	12.7	12.6	440	700
HOESCH 2807	2765	1936	156.7	109.7	60830	13.1	13.1	440	700

NEW HOESCH Z



Interlock Design Considerations



Stronger transition between flange and interlock.

Features & Benefits

HOESCH Z with LARSSEN interlock

WIDER, LIGHTER, STRONGER

- 700 mm width for maximum driving production and faster installation
- Deeper section height increases stability for better resistance to deflection
- Off-center Interlock location increases section modulus, thus increasing load carrying capacity of the pile
- Double hook design results in easier threading, higher tensile forces to resist declutching
- Good reuse characteristics
- Greater swing angle

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