

Section illustrations and data

HOESCH 1605 (Finger-and-socket interlock)

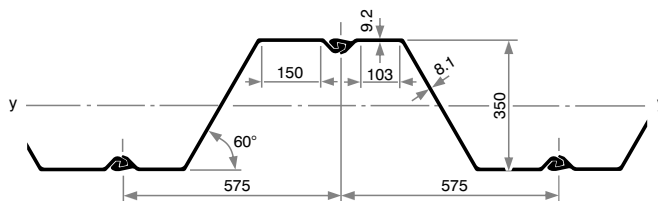
Section width per $D = 1150$ mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	$D \cdot r^{3)}$	
Elastic section modulus	W_y	cm ³	1600	920	1840	2760
	W_z	cm ³	–	830	–	–
Plastic section modulus	W_p	cm ³	1812	–	–	–
Weight		kg/m	107.0	61.5	123.0	184.5
Cross sectional area		cm ²	136.3	78.4	156.8	235.2
Circumference ¹⁾		cm	270	177	332	487
Coating area ²⁾		m ² /m	2.70	1.68	3.23	4.78
Static moment	S_y	cm ³	906	–	–	–
Second moment of inertia	I_y	cm ⁴	28000	16100	32200	48300
	I_z	cm ⁴	–	25660	–	–
Radius of gyration	i_y	cm	14.33	14.33	14.33	14.33

1) Including the internal surface of free interlocks of single, double and triple piles.

2) Without interlock interior – two-side coating.

3) Rolling/delivery on request only.



Scale 1:20

Classification according to ENV 1993-5

Steel grade					
S 240 GP	S 270 GP	S 320 GP	S 355 GP	S 390 GP	S 430 GP
2	2	3	3	3	3