

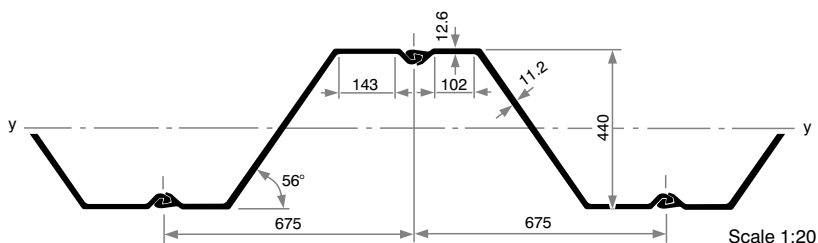
## Section illustrations and data

**HOESCH 2506** (Finger-and-socket interlock)**Section width per D = 1350 mm**

	Unit	Per m wall	Single pile	Double pile	Triple pile	
<b>Elastic section modulus</b>	$W_y$	cm <sup>3</sup>	<b>2500</b>	1688	3376	5064
	$W_z$	cm <sup>3</sup>	–	1391	–	–
Plastic section modulus	$W_y$	cm <sup>3</sup>	2928	–	–	–
<b>Weight</b>		kg/m	<b>143.0</b>	96.5	193.0	289.0
Cross sectional area		cm <sup>2</sup>	182.2	123.0	246.0	369.0
Circumference <sup>1)</sup>		cm	261	203	379	555
Coating area <sup>2)</sup>		m <sup>2</sup> /m	2.61	1.94	3.70	5.46
Static moment	$S_y$	cm <sup>3</sup>	1464	–	–	–
<b>Second moment of inertia</b>	$I_y$	cm <sup>4</sup>	<b>55000</b>	37130	74250	111380
	$I_z$	cm <sup>4</sup>	–	49980	–	–
Radius of gyration	$i_y$	cm	17.37	17.37	17.37	17.37

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

2) Without interlock interior – two-side coating.



Rolling/delivery on request only.

**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	2	2	2	2