

Performance Data			
Anchor size [mm]		Shaft ring 18	
Recommended tension load	Aerated concrete PB2	F_{rec} [kN]	0,25
	Aerated concrete \geq PB4		0,33
	Gypsum wallboard \geq 5 N/mm ²		0,33
Recommended shear load	Aerated concrete PB2	F_{rec} [kN]	0,30
	Aerated concrete \geq PB4		0,40
	Gypsum wallboard \geq 5 N/mm ²		0,40

Installation Parameters		
Spacing	$a \geq$ [mm]	100
Edge distance	$a_r \geq$ [mm]	100
Depth of drill hole	$h_1 \geq$ [mm]	60
Embedment depth	$h_{nom} \geq$ [mm]	50
Minimum member thickness	$d_{min} \geq$ [mm]	80
Thread diameter (screw)	d_{td} [mm]	4,5–6
Nominal diameter of drill bit	d_{nom} [mm]	10
Diameter of clearance hole in the fixture	d_f [mm]	6,5

Dimensions / Product Range			
Length of anchor	l [mm]	50	
Maximum thickness of the fixture	t_{fix} [mm]	Depends on the screw length	
Designation		W-KL	
W-KL (ABS-plastic)	Article No.	0903 50*	
Setting tool, Galvanised steel	Article No.	0903 500	
Package quantity	[pcs.]	100	1

* ORSY

Würth System Components

