

AIRCRETE ANCHOR W-GB

75

Performance data					
Anchor size [mm]			10	12	14
Pressure zone (uncracked aerated concrete) Recommended tension load, shear load and oblique tension load at all angles	F_{rec} [kN]	PB 2	0.3	0.3	0.5
		PB 4	0.6	0.5	1.15
		PB 6	-	0.8	-
		P 3,3	-	0.3	-
		P 4,4	-	0.5	-
Recommended bending moment	Galvanised steel	M_{rec} [Nm]	4.8	6.6	4.8
	A4	M_{rec} [Nm]	4.5	9.7	4.5

Installation Parameters					
Axial spacing	a ≥ [mm]	≥ PB 2	100	150	150
		for P3.3	100	200	150
Edge spacing	a_r ≥ [mm]	≥ PB 2	80	100	100
		for P3.3	80	150	100
Depth of drill hole	t ≥ [mm]		65	70	85
Effective embedment depth	h_v ≥ [mm]		55	60	75
Minimum member thickness	d ≥ [mm]		100	120	130
Thread diameter (screw)	d_{id} [mm]		4.5 - 6	7 - 8	10
Nominal diameter of drill bit	d_o [mm]		10	12	14
Diameter of clearance hole in the fixture	d_f [mm]		6.5	8	11

Dimensions / Product Range				
Length of anchor	l [mm]	55	60	75
Maximum thickness of the fixture	t_{fix} [mm]	Depends on the screw length	Depends on the screw length	Depends on the screw length
Designation		GB 10 x 55	GB 12 x 60	GB 14 x 75
Art.-No.		0903 50 10	0903 50 12	0903 50 14
Package quantity	[pcs.]	25	50	25

Würth System Components

