

W-BS CONCRETE SCREW

01.3

W-BS/A4 concrete screw, stainless steel A4 with stud screw, Type ST

Connecting thread:
Size Thread [mm]
 8 M10 x 30
 10 x 140 M12 x 35
 10 x 160 M12 x 55



Anchor size	Attachment height t_{fix} [mm]			Total length L [mm]	Length of the anchor in the concrete h_{nom} [mm]			Drill bit nominal dia d_0 [mm]	Drill hole depth h_1 [mm]			Wrench size [mm]	Art. No.	P. Qty.
	$t_{fix 1}$	$t_{fix 2}$	$t_{fix 3}$		h_{nom1}	h_{nom2}	h_{nom3}		$H_{1.1}$	$H_{1.2}$	$H_{1.3}$			
8	40	30	20	105	45	55	65	8	55	65	75	7	5929 268 040	50
10	60	40	30	140	55	75	85	10	65	85	95	9	5929 261 060	25
	80	60	50	160									5929 261 080	

Installation characteristics in concrete																					
Anchor size [mm]		5				6				8			10			12			14		
Length of the anchor in the drilled hole	h_{nom} [mm]	35	35	40	55	45	55	65	55	75	85	65	85	100	75	100	115				
Minimum axial spacing	s_{min} [mm]	35	35	40		40	50		50			50			70	50	70				
Axial spacing	$s_{cr,N}$ [mm]	81	81	93	132	105	129	156	129	180	204	150	201	240	174	237	276				
Minimum edge spacing	c_{min} [mm]	35	35	40		40	50		50			50			70	50	70				
Edge spacing	$c_{cr,N}$ [mm]	40.5	40.5	46.5	66	52.5	64.5	78	64.5	90	102	75	100.5	120	87	118.5	138				
Minimum component thickness	h_{min} [in mm]	80	80	100		100	120		100	130		120	130	150	130	150	170				
Drill nominal dia.	d_0 [mm]	5	6			8			10			12			14						
Drill cutting edge dia.	$d_{cut} \leq$ [mm]	5.40	6.40			8.45			10.45			12.50			14.50						
Drill hole depth	h_1 [mm]	40	40	45	60	55	65	75	65	85	95	75	95	110	85	110	125				
Through-hole in the component being connected	$d_f \leq$ [mm]	7	8			12			14			16			18						
Max. torque for anchoring	$T_{inst} =$ [Nm]	8	10			20			40			60			80						

Installation characteristics in pre-stressed concrete hollow slab ceiling		
Anchor size [mm]		6
Minimum axial spacing	s_{min} [mm]	100
Minimum edge spacing	c_{min} [mm]	100
Minimum distance between the anchor groups	a_{min} [mm]	100
Distance between the cavity axes	$l_c \geq$ [mm]	100
Distance between the pre-stressed strands	$l_p \geq$ [mm]	100
Distance between the pre-stressed strand and drilled hole	$a_p \geq$ [mm]	50
Drill nominal dia.	d_0 [mm]	6
Through-hole in the component being connected	$d_f \leq$ [mm]	8
Max. torque for anchoring	$T_{inst} =$ [Nm]	10

