

# Strike™

## All Metal Anchor



Serious Connections™



**ICCONS® Strike™** anchor is available in both Carbon Steel Class 10.9, & 316 (A4) Stainless Steel.

Suitable for solid base materials such as concrete, block (core filled), solid brick, or stone, this unique style anchor creates compressive forces against the walls of the hole as it is driven in, this is achieved by the calculated pre-expanded bend at the working end. The anchor is set by striking with a hammer until flush with the fixture material.

The Mushroom Head & Countersunk **Strike™** is the choice for applications that require ease of installation, simple clean aesthetic look or even for tamper proof applications. Where the Tie wire **Strike™** is the ideal choice for suspension of electrical cabling catenary wire, suspended ceilings and signage.

Date:

3rd Apr 2014

Revision: 1



Mechanical Anchoring

# DATA SHEET

Performance in Concrete						Limit State Design					
Carbon steel						TENSION			SHEAR		
Anchor Size	Drill Dia (mm)	Hole Depth (mm)	Design Load Capacity (kN) in Concrete $\phi N_A$			Design Load Capacity (kN) in Concrete $\phi V_t$					
			25 MPa	32 MPa	40 MPa	25 MPa	32 MPa	40 MPa			
5.0	5.0	22	1.8	1.9	2.0	2.9	3.0	3.1			
		25	2.0	2.2	2.2	4.0	4.2	4.2			
		32	2.4	2.9	3.3	5.3	5.7	5.9			
6.5	6.5	22	1.9	2.2	2.3	4.8	5.2	5.4			
		25	2.4	2.6	2.7	5.4	5.8	6.0			
		32	2.9	3.7	3.9	5.9	6.6	7.2			
10	10	45	6.1	7.1	8.0	15.0	16.1	16.3			
Stainless Steel											
5.0	5.0	22	1.7	1.9	2.0	2.7	2.8	2.9			
		25	2.0	2.3	2.4	3.8	4.0	4.1			
		32	2.4	2.9	3.2	5.0	5.4	5.6			
6.5	6.5	22	1.9	2.1	2.2	4.6	5.0	5.2			
		25	2.2	2.4	2.6	5.2	5.5	5.7			
		32	2.8	3.5	3.8	5.7	6.1	6.4			

Suggested specification

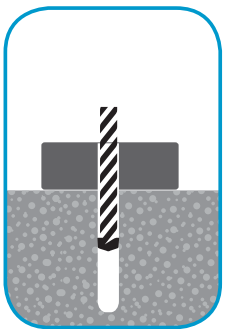
ICCONS - STRIKE™ Anchors

To be installed in accordance with ICCONS Technical data sheet.

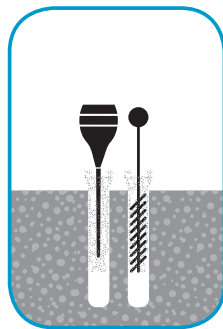


General Information			Drill Dia (mm)	Fixture Thickness (mm)	qty	qty	
Carbon Steel - Mech Gal	Part No.	Description					
	Stainless Steel 316 (A4)						
Mushroom Head	STMH05025G	STMH05025SS	Mushroom Head 5 x 25mm	5.0	3	100	2500
	STMH05032G	STMH05032SS	Mushroom Head 5 x 32mm		10		2500
	STMH05038G	STMH05038SS	Mushroom Head 5 x 38mm		6		2500
	STMH05050G	STMH05050SS	Mushroom Head 5 x 50mm		19		1600
	STMH65025G	n/a	Mushroom Head 6.5 x 25mm	6.5	3	100	2000
	STMH65038G	STMH65038SS	Mushroom Head 6.5 x 38mm		6		1600
	STMH65050G	STMH65050SS	Mushroom Head 6.5 x 50mm		19		1000
	STMH65063G	n/a	Mushroom Head 6.5 x 63mm		32		1000
	STMH65075G	STMH65075SS	Mushroom Head 6.5 x 75mm		44		1000
	STMH65100G	n/a	Mushroom Head 6.5 x 100mm		68		600
	STMH10075G	n/a	Mushroom Head 10 x 75mm	10	32	25	400
	STMH10100G	n/a	Mushroom Head 10 x 100mm		57		300
	Countersunk	Carbon Steel - Mechanically Gal			5.0	33	100
STCS05065G			Countersunk 5 x 65mm	43		1000	
STCS05075G			Countersunk 5 x 75mm	68		1000	
STCS05100G			Countersunk 5 x 100mm	6.5	6	100	1600
STCS65038G			Countersunk 6.5 x 38mm		18		1000
STCS65050G			Countersunk 6.5 x 50mm		33		1000
STCS65063G			Countersunk 6.5 x 63mm		43		1000
STCS65075G			Countersunk 6.5 x 75mm		68		600
STCS65100G		Countersunk 6.5 x 100mm					
Tie Wire	Carbon Steel - Zinc Clear						
	STTW05		Tie Wire 5.0 x 30mm w/ 5.5mm eye	5.0		100	1000
	STTW06		Tie Wire 6.5 x 30mm w/ 7.0mm eye	6.5			

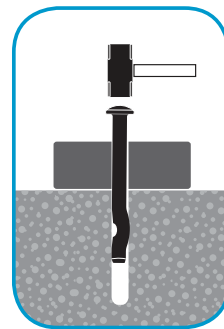
## Installation



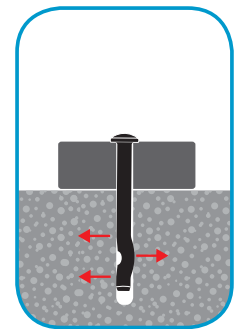
With the correct diameter drill bit, drill a hole to the correct depth. (see general information section of this document).



Clean dust and other material from the hole.



Tap in anchor until seated and flush with surface of base material.



Installation Complete

