



Strike™ Anchor Mushroom Head

■ Carbon Steel Mechanically Galvanised

■ Stainless Steel 316 A4

GAL EXTERNAL **316 SS** EXTERNAL



Part No.	Part No.	Description	mm	mm	qty	qty
STMH05025G	STMH05025SS	5 x 25mm	5	3	100	2500
STMH05032G	STMH05032SS	5 x 32mm		10	100	2500
STMH05038G	STMH05038SS	5 x 38mm		6	100	2500
STMH05050G	STMH05050SS	5 x 50mm		19	100	1600
STMH65025G		6.5 x 25mm	6.5	3	100	2000
STMH65038G	STMH65038SS	6.5 x 38mm		6	100	1600
STMH65050G	STMH65050SS	6.5 x 50mm		19	100	1000

PERFORMANCE IN Solid Brick $\geq 10\text{MPa}$			Recommend Loads (Galv. & SS)	
Anchor Diameter	Spacing / Edge Distance	Anchor Embedment Depth	Tension Load N_{rec} (kN)	Shear Capacity V_{rec} (kN)
5.0mm	70 mm / 38 mm	22mm	0.5	0.9
		25mm	0.5	1.0
		32mm	0.6	1.1
6.5mm	90 mm / 38 mm	22mm	0.5	1.0
		25mm	0.6	1.2
		32mm	0.7	1.5

Note: The above load capacities incorporate a safety factor of 4 and represent single anchors tested remote from an edge, opening or unrestrained brick wall. As masonry may vary greatly, the above data should be used as guidance only and site tests are recommended where site specific performance is required. Brick strength is based on unconfined characteristic compressive strength.

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Technical Bulletin

PERFORMANCE IN Solid Brick $\geq 10\text{MPa}$

Combined Tension & Shear Loading

For combined tension and shear load applications the following equations shall be satisfied;

$$N_{\text{applied}} / N_{\text{rec}} \leq 1 \quad V_{\text{applied}} / V_{\text{rec}} \leq 1 \quad (N_{\text{applied}} / N_{\text{rec}}) + (V_{\text{applied}} / V_{\text{rec}}) \leq 1.2$$

Where:

N_{applied}	=	Applied Tension Load
N_{rec}	=	Recommended Tension Load
V_{applied}	=	Applied Shear Load
V_{rec}	=	Recommended Shear Load

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