



標準螺絲供應有限公司 (513831-P) STANDARD BOLTS & NUTS SDN. BHD.

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HAMMER CAPSULES

HP Hammer Glass Capsules



Size	Length	Recommend Drilled Hole Diameter	Capsule Volume	Packing (Per Box)
M8	80MM	10MM	4.0ML	10 PCS
M10	90MM	12MM	6.4ML	10 PCS
M12	110MM	14MM	11.3ML	10 PCS
M16	125MM	18MM	23.1ML	10 PCS
M20	175MM	24MM	53.0ML	6 PCS
M24	210MM	28MM	76.0ML	6 PCS
M30	265MM	35MM	191.0ML	6 PCS

INSTALLATION PERIMETER & LOADING DATA

HAMMER CAPSULES WITH HIGH TENSILE 8.8 CHEMICAL STUD BOLT (ZINC GALVANISED & HOT DIPPED GALVENISED)										
Diameter Size (D)	Hole Diameter	Anchorage Depth	Minimum Concrete Thickness	Tightening Torque (Nm)	Recommended Spacing & Edge Distance To Full Loads		Absolute Minimum Spacing & Edge Distance		Recommended Load (kN) ¹⁾	
					Tension	Shear	Tension	Shear	Tension	Shear
M8	10MM	80MM	110MM	10	160MM	80MM	40MM	40MM	6.6	8.6
M10	12MM	90MM	120MM	20	180MM	90MM	45MM	45MM	10.0	13.1
M12	14MM	110MM	140MM	40	220MM	110MM	55MM	55MM	14.0	18.9
M16	18MM	125MM	160MM	80	250MM	125MM	65MM	65MM	24.0	36.0
M20	24MM	175MM	220MM	120	350MM	175MM	85MM	85MM	41.6	51.6
M24	28MM	210MM	265MM	180	420MM	210MM	105MM	105MM	56.0	80.6
M30	35MM	270MM	350MM	300	540MM	270MM	135MM	135MM	87.5	128.0

1) Loading based on non-cracked concrete, $f_{ck,cube} = 25 \text{ N/mm}^2$ (C20/25)

HAMMER CAPSULE WITH CHEMICAL STUD BOLT STAINLESS STEEL 304 (A2) & STAINLESS STEEL 316 (A4)										
Diameter Size (D)	Hole Diameter	Anchorage Depth	Minimum Concrete Thickness	Tightening Torque (Nm)	Recommended Spacing & Edge Distance To Full Loads		Absolute Minimum Spacing & Edge Distance		Recommended Load (kN) ¹⁾	
					Tension	Shear	Tension	Shear	Tension	Shear
M8	10MM	80MM	110MM	10	160MM	80MM	40MM	40MM	6.6	6.0
M10	12MM	90MM	120MM	20	180MM	90MM	45MM	45MM	10.0	9.2
M12	14MM	110MM	140MM	40	220MM	110MM	55MM	55MM	14.0	13.3
M16	18MM	125MM	160MM	80	250MM	125MM	65MM	65MM	24.0	25.2
M20	24MM	175MM	220MM	120	350MM	175MM	85MM	85MM	41.6	39.4
M24	28MM	210MM	265MM	180	420MM	210MM	105MM	105MM	56.0	56.8
M30	35MM	270MM	350MM	300	540MM	270MM	135MM	135MM	87.5	89.7

1) Loading based on non-cracked concrete, $f_{ck,cube} = 25 \text{ N/mm}^2$ (C20/25)

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