



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

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SPIN CAPSULES

VAP Spin Glass Capsules



Size	Length	Recommend Drilled Hole Diameter	Capsule Volume	Packing (Per Box)
M8	80MM	10MM	4.0ML	10 PCS
M10	90MM	12MM	5.5ML	10 PCS
M12	110MM	14MM	9.0ML	10 PCS
M16	125MM	18MM	15.8ML	10 PCS
M20	175MM	24MM	53.0ML	6 PCS
M24	210MM	28MM	76.0ML	6 PCS

INSTALLATION PERIMETER & LOADING DATA

SPIN CAPSULES WITH HIGH TENSILE 8.8 CHEMICAL STUD BOLT (ZINC GALVANISED & HOT DIPPED GALVANISED)										
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	7.9	8.6
M10	12MM	90MM	120MM	20	180MM	90MM	45MM	45MM	11.9	13.1
M12	14MM	110MM	140MM	40	220MM	110MM	55MM	55MM	15.9	18.9
M16	18MM	125MM	160MM	80	250MM	125MM	65MM	65MM	23.8	36.0
M20	25MM	170MM	220MM	120	350MM	175MM	85MM	85MM	35.7	56.0
M24	28MM	210MM	265MM	180	420MM	210MM	105MM	105MM	47.6	80.6

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

SPIN 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	7.9	6.0
M10	12MM	90MM	120MM	20	180MM	90MM	45MM	45MM	11.9	9.2
M12	14MM	110MM	140MM	40	220MM	110MM	55MM	55MM	15.9	13.3
M16	18MM	125MM	160MM	80	250MM	125MM	65MM	65MM	23.8	25.2
M20	24MM	170MM	220MM	120	350MM	175MM	85MM	85MM	35.7	39.4
M24	28MM	210MM	265MM	180	420MM	210MM	105MM	105MM	47.6	56.8

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

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