



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

No. 47 & 49, Jalan TPP 1/1, Taman Industri Puchong, 12th Miles,
47100 Puchong, Selangor Darul Ehsan, Malaysia.

Tel: 03-8062 3811 (Hunting Line)

Fax: 03-8062 2230, 8068 2811

Website: <http://www.standardbolts.net>

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WEDGE ANCHOR

Material

Steel

Stainless Steel 304 (A2)

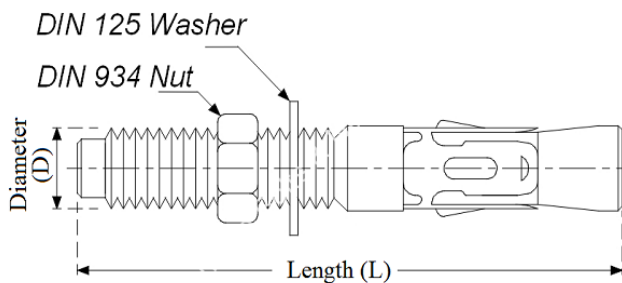
Stainless Steel 316 (A4)

Finishing

Steel comes in Zinc Plated and Hot Dip Galvanized (HDG) Finishing



Diameter (D)	M6	M8	M10	M12	M16	M20	M24	
Length (L)	55MM	50MM	60MM	75MM	100MM	120MM	180MM	
	70MM	65MM	65MM	80MM	110MM	130MM	200MM	
	75MM	75MM	70MM	90MM	120MM	140MM	220MM	
	90MM	80MM	75MM	100MM	125MM	150MM	250MM	
	100MM	90MM	90MM	80MM	110MM	130MM	160MM	
		100MM	90MM	80MM	120MM	140MM	180MM	
		110MM	100MM	90MM	130MM	150MM	200MM	
		120MM	110MM	100MM	140MM	160MM	220MM	
		130MM	120MM	110MM	150MM	180MM	250MM	
		140MM	130MM	120MM	160MM	200MM		
		150MM	140MM	130MM	180MM	220MM		
				150MM	200MM			
				180MM				
				200MM				
Diameter (D)	M6	M8	M10	M12	M16	M20	M24	



SBN Klang (Branch)

Standard Bolts & Nuts (Klang) Sdn Bhd
No. 135 & 137, Jalan Batu Tiga Lama,
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Tel: 03-3344 1198 (Hunting Line)
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Email: sbnk@standardbolts.net

SBN Sg Buloh (Branch)

Standard Bolts & Nuts (Sg. Buloh) Sdn Bhd
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SBN Johor (Branch)

Standard Bolts & Nuts Supply Sdn Bhd
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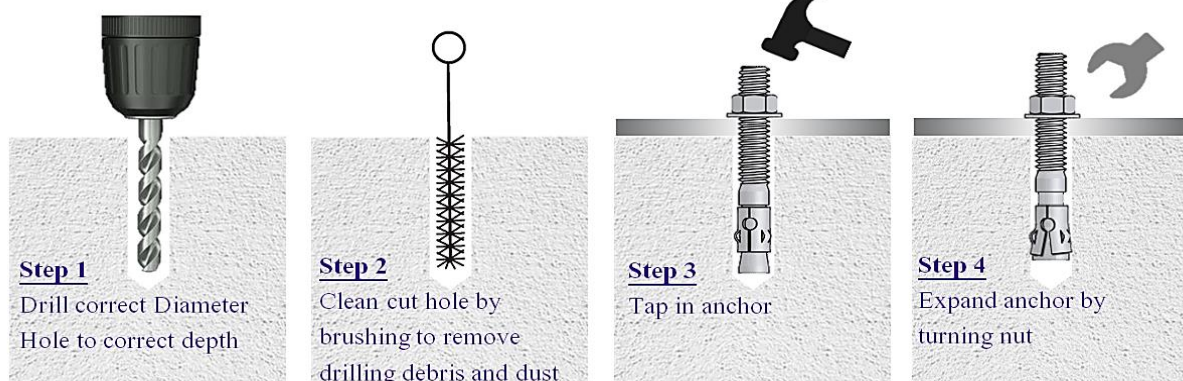
WEDGE ANCHOR

INSTALLATION PERIMETER & LOADING DATA

PK WEDGE ANCHOR - STEEL CLASS 5.8 ZINC & HOT DIPPED GALVANISED										
Anchor Size	Hole Diameter	Minimum Hole Depth	Minimum Concrete Thickness	Tightening Torque (Nm)	Recommended Spacing & Edge Distance To Full Loads		Absolute Minimum Spacing & Edge Distance		Recommended Load ¹ (kN)	
					Tension	Shear	Tension	Shear	Tension	Shear
M6	6MM	50MM	75MM	8	120MM	60MM	40MM	40MM	2.4	2.9
M8	8MM	55MM	85MM	15	135MM	70MM	45MM	45MM	5.8	5.0
M10	10MM	70MM	100MM	35	150MM	75MM	50MM	50MM	7.5	8.0
M12	12MM	95MM	120MM	45	210MM	105MM	70MM	70MM	11.6	11.6
M16	16MM	110MM	150MM	90	255MM	130MM	85MM	85MM	17.6	21.5
M20	20MM	135MM	190MM	160	300MM	150MM	100MM	100MM	24.1	33.6

PK WEDGE ANCHOR STAINLESS STEEL CLASS 304 (A2)										
Anchor Size	Hole Diameter	Minimum Hole Depth	Minimum Concrete Thickness	Tightening Torque (Nm)	Recommended Spacing & Edge Distance To Full Loads		Absolute Minimum Spacing & Edge Distance		Recommended Load ¹ (kN)	
					Tension	Shear	Tension	Shear	Tension	Shear
M6	6MM	55MM	75MM	7	120MM	60MM	40MM	40MM	4.3	3.0
M8	8MM	70MM	90MM	20	135MM	75MM	45MM	45MM	5.7	5.5
M10	10MM	80MM	100MM	35	150MM	85MM	50MM	50MM	6.4	8.7
M12	12MM	90MM	115MM	60	210MM	100MM	65MM	65MM	9.9	12.6
M16	16MM	120MM	160MM	120	255MM	130MM	85MM	85MM	13.9	23.6
M20	20MM	145MM	190MM	240	300MM	150MM	100MM	100MM	19.9	36.8

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



INSTALLATION STEPS FOR PK ANCHOR BOLT

SBN Klang (Branch)

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