

SLEEVE ANCHOR

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Sleeve Anchor is designed them to anchor into concrete, Brick and block. They work by inserting them into a hole Drilled into concrete.

Turning the nut pulls the working end of the sleeve anchor Up through the sleeve. Expanding and anchoring itself Securely in the concrete. Brick or block.

FOR FIXING TO

- Concrete
- Solid and Hollow brick
- Masonry
- Natural Stone.



MATERIAL

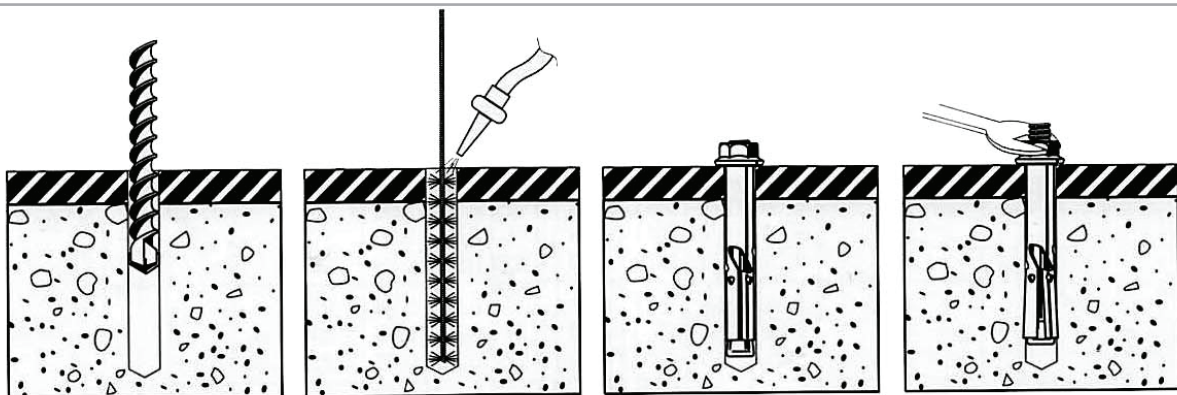
- Carbon Steel
- Stainless Steel 304

APPLICATIONS

Timber to concrete, form work, battens, bottom plates.
Services-ductwork, pipes brackets, cable trays, suspended Ceilings.
Metalwork-signs, hand rails, gates., Light to medium duty loading



INSTALLATION



Drill correct diameter hole to recommended depth.

Clean hole thoroughly with a nylon brush. Remove debris by way of vacuum pump, compressed air, hand pump etc.

Insert anchor through fixture and tap in until washer contacts fixture.

Tighten bolt with torque wrench to recommended assembly torque.

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ANCHOR DETAILS

Anchor Size	Anchor Length (mm)	Thread Size (mm)	Sleeve Size (mm)	Maximum Fixture Thickness	Drill ϕ (mm)	Hole Depth (mm)	Packed Quantity (Carton)	Part No. Carbon Steel (Plate)	Part No. Hot Dipped Galvanised	Part No. Stainless Steel 304
3/16"	40	25	6.5x24	5	6.5	29	4000	LAZP31600	-	-
1/4"	55	35	8x34	10	8	39	2000	LAZP14055	LADA14055	-
5/16"	65	38	10x38	15	10	43	1000	LAZP51665	LADA51665	-
3/8"	70	43	12x45	28	12	50	600	LAZP38075	LADA38075	-
1/2"	95	50	16x55	58	16	62	300	LAZP12095	LADA12095	-
5/8"	110	57	20x65	53	20	70	160	LAZP58110	LADA58110	-
M6	50	31	8x32	10	8	37	1000	-	-	LASS06050
M8	65	34	10x45	13	10	50	500	-	-	LASS08065
M10	70	39	12x45	17	12	53	375	-	-	LASS10070
M12	100	50	16x55	25	16	60	150	-	-	LASS12100
M16	110	50	20x70	27	20	78	100	-	-	LASS16110

*Recommended maximum fixture thickness calculated based on minimum embedment depth.

INSTALLATION AND PERFORMANCE DETAILS

Anchor Size	Hole ϕ (mm)	Embedded Depth (mm)	Fixture Clearance ϕ (mm)	Tight Torque (Nm)	Edge Dist. (mm)	Anchor Spacing Dist. (mm)	Structural Thickness Minimum (mm)	Rec Working Load (kN) See Safety Factor P1					
								20MPa		30MPa		40MPa	
								Tensile	Shear	Tensile	Shear	Tensile	Shear
6	8	35	8	10	45	95	70	2.5	1.7	2.5	1.7	2.5	1.7
8	10	50	10	15	65	130	90	4.4	3.0	4.4	3.0	4.4	3.0
10	12	55	12	35	70	145	100	6.1	5.4	7.5	5.4	8.0	5.4
12	16	70	15	55	95	185	130	9.0	7.9	11.0	7.9	11.6	7.9
16	20	90	19	85	120	235	160	12.9	10.5	15.3	10.5	15.3	10.5

* The factor of safety applied for Concrete tension is 3.0