

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

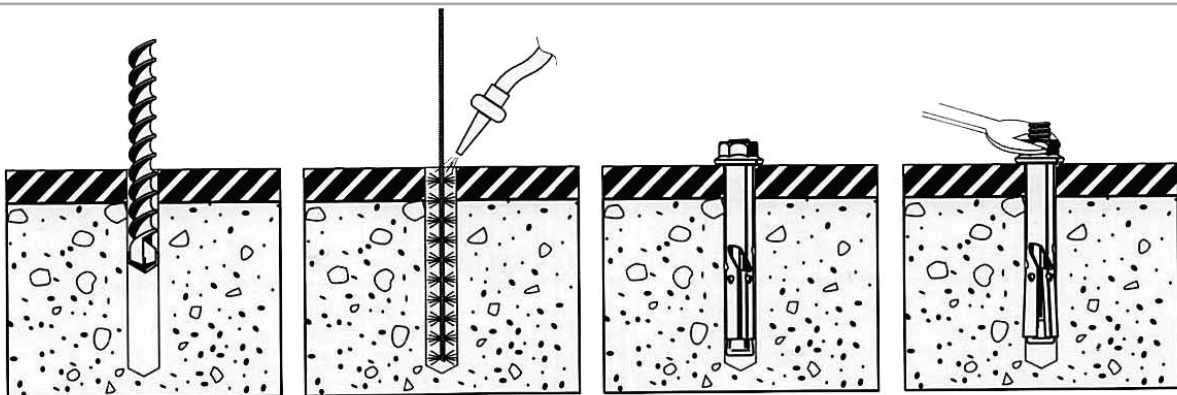
- Carbon Steel
- Stainless Steel 304

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



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ANCHOR DETAILS

Anchor Size	Thread Size (mm)	Anchor Length	Maximum Fixture Thickness (mm)	Sleeve Size (mm)	Packed Quantity (Carton)	Part No. Carbon Steel (Plate)	Part No. Hot Dipped Galvanised	Part No. Stainless Steel 304
3/16"	25	40	18	6.5x26	4000	LAZP31600	-	-
1/4"	35	50	10	8x38	2000	LAZY14000	LADA14000	-
5/16"	38	65	15	10x43	1000	LAZP51600	LADA51600	-
3/8"	43	70	28	12x45	750	LAZP38000	LADA38000	-
1/2"	50	95	58	16x55	300	LAZP12000	LADA12000	-
5/8"	57	110	53	20x65	160	LAZP58000	LADA58000	-
M6	4.5	50	37	32	1800	-	-	LASS06050
M8	6	65	34	40	800	-	-	LASS08065
M10	8	70	42	45	500	-	-	LASS10070
M12	10	100	56	70	200	-	-	LASS12100

*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	6	35	8	10	45	95	70	2.5	1.7	2.5	1.7	2.5	1.7
8	8	50	10	15	65	130	90	4.4	3.0	4.4	3.0	4.4	3.0
10	10	55	12	35	70	145	100	6.1	5.4	7.5	5.4	8.0	5.4
12	12	70	15	55	95	185	130	9.0	7.9	11.0	7.9	11.6	7.9

* The factor of safety applied for Concrete tension is 3.0