

SS WEDGE SLEEVE ANCHORS

Strong Hold. Lasting Strength.

PRODUCT DESCRIPTION

SS Wedge Sleeve Anchors are heavy-duty expansion anchor fasteners designed for secure anchoring in concrete, masonry and stone. The wedge mechanism ensures a strong and reliable hold for demanding applications.



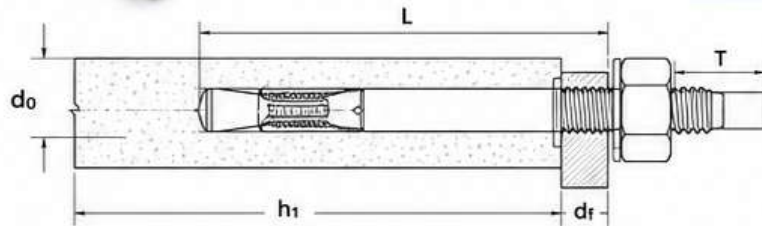
@AanurajAnchors

MATERIAL

Stainless Steel
SS 304 / SS 316

FEATURES OVERVIEW

- ✓ High Load Capacity
- ✓ Corrosion Resistant
- ✓ Easy & Reliable Installation
- ✓ Secure Expansion Grip



TECHNICAL DATA

Material	Stainless Steel (SS 304 / SS 316)
Anchor Type	Wedge Sleeve Anchor
Diameter Range	M6 to M24
Length Range	40mm to 200mm
Thread Type	Metric Thread
Surface Finish	Bright / Natural
Corrosion Resistance	Excellent
Applications	Concrete, Masonry, Stone
Feature	High Load Capacity, Secure Grip
Standard	As per International Standards

DIMENSIONS TABLE (All dimensions in mm)

Size (d)	Anchor Length (L)	Drill Hole Dia (d0)	Embedment Depth (h1)	Thread Length (T)	Max. Fixture Thickness (df)	Tightening Torque (Nm)
M6	40	6	30	12	5	10
M8	60	8	40	16	10	20
M10	70	10	50	20	15	40
M12	80	12	60	24	20	60
M16	100	16	80	32	25	100
M20	120	20	100	40	30	150
M24	150	24	120	48	40	200

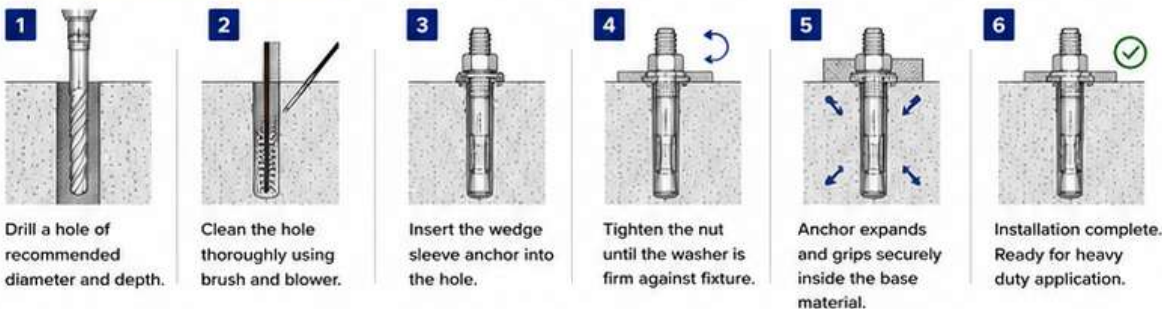
Note: Custom sizes and lengths available on request.

RECOMMENDED LOAD CAPACITY (Concrete C25/30)

Size (d)	Tension Load (kN)		Shear Load (kN)		Recommended Drill Bit Diameter (mm)	Minimum Concrete Thickness (mm)	Minimum Edge Distance (mm)	Minimum Spacing (mm)
	SS 304	SS 316	SS 304	SS 316				
M6	4.5	5.0	6.5	7.0	6	100	60	60
M8	7.5	8.5	10.5	11.5	8	120	80	80
M10	11.5	13.0	15.5	17.0	10	140	100	100
M12	16.0	18.0	21.5	24.0	12	160	120	120
M16	23.0	26.0	29.5	33.0	16	200	160	160
M20	32.0	36.0	40.5	45.0	20	240	200	200
M24	46.0	52.0	55.0	61.0	24	280	240	240

Note: Load capacities are indicative values. Actual values may vary based on concrete grade and site conditions.

INSTALLATION GUIDE



IDEAL FOR

- Structural Fixings
- Railings & Handrails
- Machinery & Equipment
- Base Plates
- HVAC & Pipe Supports
- Industrial Applications

