



DROP IN ANCHOR

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Drop in Anchor DIA

Drop in Anchor in zinc plated steel



Description

The Drop in Anchor DIA is internally threaded to offer a suitable fixing in conjunction with all standard types of metric bolts, set screw and studding. The drop in anchor DIA creating, permanent and reusable female thread in the base material. After inserting the Drop in Anchor.

Advantages

- Flush surface finish means fixtures can be relocated easily Material.
- Versatile, usable with standard metric bolts sets screws or studding.
- Quick and easy to install.
- No thread damage when hammering the Drop in Anchor into the drilled hole.
- Stainless steel version available for corrosive environments.
- No flared end for easy setting in greater depth.
- Allows for shallow embedment without sacrificing performance.
- Hammer set anchor with internal thread for prepositioned installation.
- Suitable for all screws or studs with metric threads.

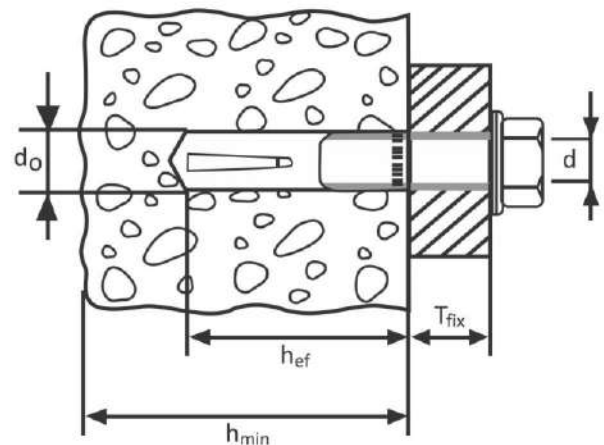
For Fixing of

- Pipes and Sprinkler systems.
- Steel constructions.
- Cable trays.
- Suspended ceilings.

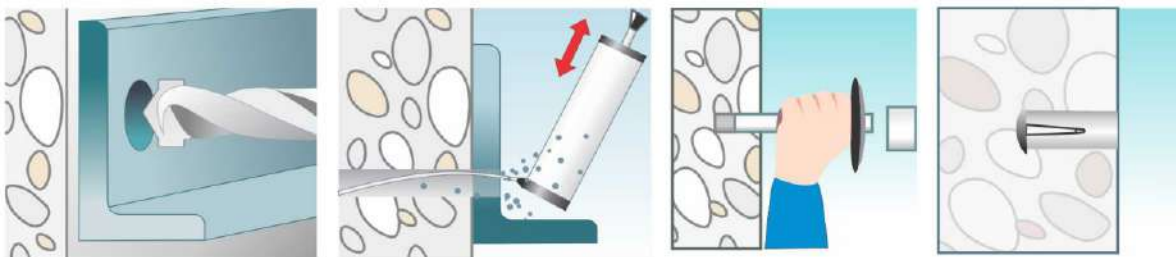
Suitable for

- Non-cracked concrete=C12/15
- Natural stone with dense structure.
- Anchoring light ceiling lining and suspended ceilings.

DIA Anchors Installation



Installation



Product Code Zinc Plated	Product A4 -316	Anchor Diameter	Drill-∅	Min hole depth		Min Base thickness	Min. drill hole depth in fixing element	Anchor length	Qty Per Box	
		mm								
		d	d ₀	h1		h min	df	L		
DIA0625	DIA0625S	M06	08	25	25	80	25	25	50	
DIA0830	DIA0830S	M08	10	30	30	80	30	30	50	
DIA1040	DIA1040S	M10	12	40	40	90	40	40	50	
DIA1250	DIA1250S	M12	15	50	50	110	50	50	50	
DIA1665	DIA1665S	M16	20	65	65	140	65	65	25	
DIA2080	DIA2080S	M20	25	80	80	160	80	80	20	

Technical Specifications

Product Code Zinc Plated	Product Code A4-316	Mechanical Properties of Drop in Anchor's					Recommended load Capacity of Drop in Anchor's				
		Nominal Tensile capacity	Nominal Yield stress	Effective cross section	Sectional modulus	Effective anchor embedment	Tensile Capacity	Shear Load Capacity	Anchor Spacing	Edge distance	Required tightening torque
		f _{uk} (N/mm ²)	f _{yk} (N/mm ²)	A _s (mm ²)	W _{el} (mm ³)	h _{ef} (mm)	N _{ro} (kN)	V _{rec} (kN)	S _c N (mm)	C _{cr} N (mm)	T _{inst} (Nm)
DIA0625	DIA0625S	520	400	20.10	12.70	25	4.6	3.6	80	40	4.5
DIA0830	DIA0830S	520	400	36.60	31.20	30	5.7	4.5	90	45	11
DIA1040	DIA1040S	520	400	58.00	62.30	40	6.9	5.5	120	60	22
DIA1250	DIA1250S	520	400	84.30	109.20	50	11.9	9.4	150	75	38
DIA1665	DIA1665S	520	400	157.00	277.50	65	15.0	32.7	200	100	95
DIA2080	DIA2080S	520	400	245.00	540.90	80	19.2	51.0	240	120	185

Drop in Anchor installation products





CHANNEL PARTNER



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