

# NON SAFETY CRITICAL

## DROP IN ANCHOR

**M6 - M12 sizes**

**Stainless Steel**  
**External & marine applications**

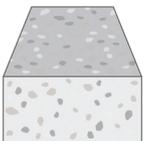
### FEATURES & BENEFITS

- Medium duty displacement controlled expansion anchor.
- Anchor remains in place after fixture & bolt are removed.
- Internal ISO metric coarse thread accepts a wide range of bolts and threaded rod.
- Leaves no protrusion once fixture removed - ideal for make good in leased space environments.
- Lipped version ensures anchor remains flush to surface regardless of drilled hole depth.

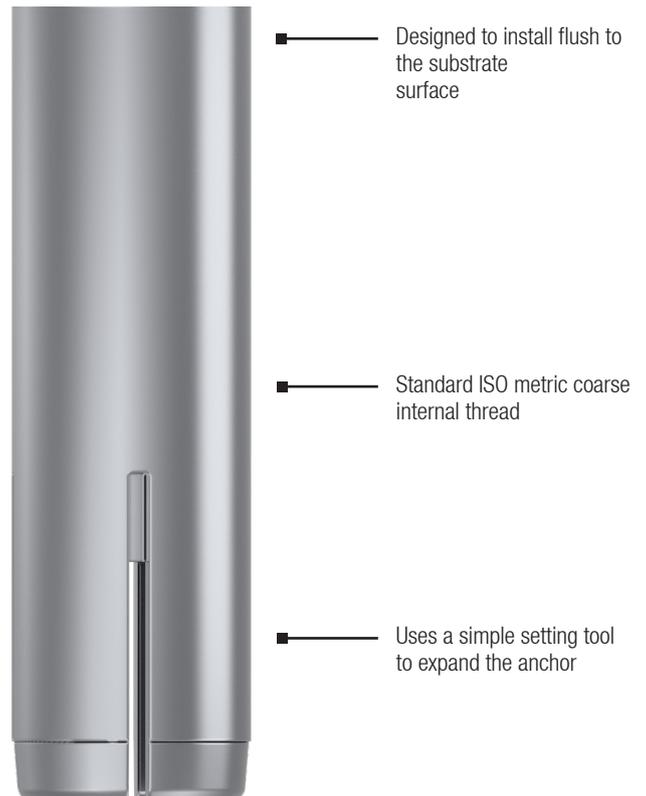
### APPLICATIONS/TRADES

- Suspended services to concrete slab soffit.
- Balustrade and hand rail base plates.
- Stadium seating.
- Suspended ceilings.
- Not suited to through fastening applications.

### SUBSTRATE SUITABILITY



UNCRAKED  
CONCRETE



**STAINLESS  
STEEL  
316**

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### RANGE



#### STRAIGHT WALL / INTERNAL THREAD

Product Code	Pack Qty	Anchor size/ Thread size	Drill hole Ø (mm)	Anchor length/ Drill hole depth (mm)	Fixture clearance hole Ø (mm)
				$l_t \& h_1$	$d_f$
ADIM6060002	100	M6	8	25	8
ADIM6080002	50	M8	10	30	10
ADIM6100002	50	M10	12	40	12
ADIM6120002	25	M12	16	50	14

### RANGE



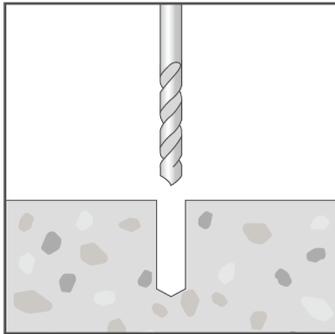
#### SETTING TOOL FOR ALL DROP IN ANCHORS

Product Code	Pack Qty	Description
TMADIST0602	1	Setting tool to suit M6 DROP IN Anchor
TMADIST0802	1	Setting tool to suit M8 DROP IN Anchor
TMADIST1002	1	Setting tool to suit M10 DROP IN Anchor
TMADIST1202	1	Setting tool to suit M12 DROP IN Anchor
TMADIST1602	1	Setting tool to suit M16 DROP IN Anchor
TMADIST2002	1	Setting tool to suit M20 DROP IN Anchor

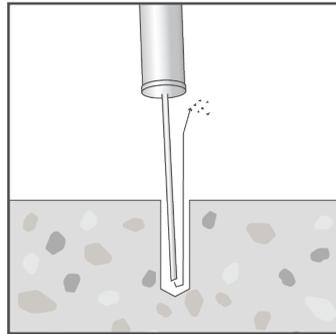
# DROP IN ANCHOR

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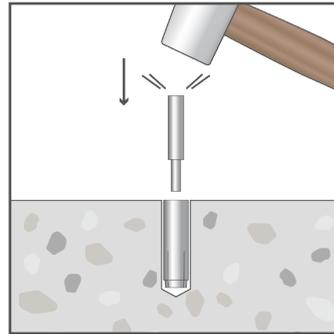
### INSTALLATION



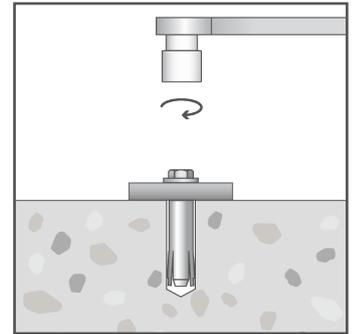
Drill hole into substrate to the specified depth



Clear hole of drilling debris.



Tap anchor into the drilled hole using a hammer until flush with substrate surface.



Place fixture, install bolt / threaded rod and apply specified installation torque.

Impact the setting tool with a hammer until the setting tool shoulder contacts the top of the anchor's body.

### PRODUCT INSTALL & PERFORMANCE INFORMATION

Anchor / Drill hole Ø (mm)	Minimum embedment depth	Minimum substrate thickness	Maximum Installation torque (Nm)	Critical anchor spacing (mm)	Critical anchor edge distance (mm)	Recommended Capacities	
						Tensile (kN)	Shear (kN)
	$h_{nom}$	$h_{min}$	$T_{inst}$	$s_{cr}$	$c_{cr}$	$N_{rec}$	$V_{rec}$
M6	25	100	4	70	90	1.8	2.3
M8	30	100	8	85	105	2.4	2.9
M10	40	120	15	115	140	3.8	3.6
M12	50	140	35	145	175	5.5	5.5

- Note:
- Recommended capacities are based on:
    - Single anchor.
    - Critical anchor spacing and edge distance values.
    - 20MPa concrete compressive strength.
    - (Characteristic ultimate concrete capacities / 3) & (characteristic ultimate steel capacities / 2.5).
    - Shear load directed away from concrete edge.
    - For combined load cases (tension & shear) - must also comply with  $(N_{app} / N_{rec}) + (V_{app} / V_{rec}) \leq 1.2$ .

Important Disclaimer: Capacity information is limited to the simple scope above and is provided to enable a relative comparison within and across product ranges. Please contact Bremick to enable an anchoring solution to be optimised for your particular anchoring application.

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