Brämick[®]

MASONRY ANCHORS

NON SAFETY CRITICAL

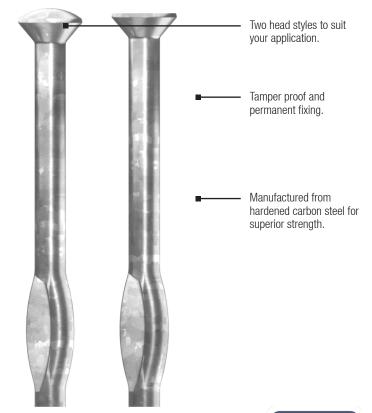
SPLIT DRIVE ANCHOR

5mm - 6mm sizes

Mechanical Galvanised Damp, external applications

FEATURES & BENEFITS

- Light duty displacement setting anchor.
- Simple and robust one piece design.
- Simply hammer into pre drilled hole to install.
- Cannot be easily removed once installed.



APPLICATIONS/TRADES

- Floor battens.
- Public infrastructure where tamper resistance is desired.
- Through fastening applications only.



SUBSTRATE SUITABILITY



PRODUCT DATA SHEET

SPLIT DRIVE ANCHOR NON SAFETY CRITICAL

RANGE

BRHICK[®]

COUNTERSUNK HEAD

Product Code	Pack Qty	Anchor length (mm)	Anchor diameter / drill hole (mm)	Drill hole depth (mm) @ t _{fix, max}	Maximum fixture thickness (mm)	Minimum embedment depth (mm) @ t _{fix, max}	Fixture clearance hole Ø (mm)
		I _t	d	h ₁	t _{fix, max}	h _{nom}	d _f
ASDKG051002	100	100	5	50	60	40	7
ASDKG060382	100	38	6	42	6	32	8
ASDKG060502	100	50	6	50	10	40	8
ASDKG060652	100	65	6	50	25	40	8
ASDKG060752	100	75	6	50	35	40	8
ASDKG061002	100	100	6	50	60	40	8

Note:

For a fixture thickness (t_{fix}) that is less than the $t_{fix,max}$ value tabled above: - increase both the drill hole depth (h_1) & concrete thickness (h_{min}) by ($t_{fix,max}$ - t_{fix} actual)

RANGE

MUSHROOM HEAD Anchor Maximum Minimum Drill hole Fixture Product Anchor diameter fixture embedment Pack Qty depth (mm) clearance Code length (mm) / drill hole thickness depth (mm) hole Ø (mm) @ t_{fix, max} (mm) (mm) @ t_{fix, max} d_o h_{nom} d_f I, h₁ t_{fix, max} ASDMG060382 100 38 6 42 6 32 8 ASDMG060502 50 6 50 10 40 100 8 ASDMG060652 100 6 50 25 8 65 40 ASDMG060752 100 75 6 50 35 40 8 ASDMG061002 100 100 6 50 60 40 8

Note:

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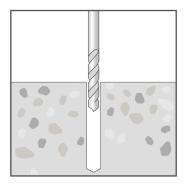




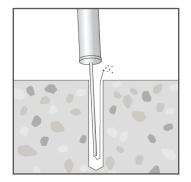


SPLIT DRIVE ANCHOR NON SAFETY CRITICAL

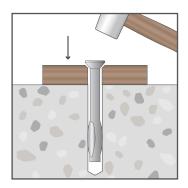
INSTALLATION



Drill hole through fixture into substrate to the specified diameter and depth.



Clear hole of drilling debris.



Place fixture then drive anchor through fixture into drilled hole using a hammer until fixture is firmly clamped.

PRODUCT INSTALL & PERFORMANCE INFORMATION Anchor diameter Minimum **Recommended Capacities Critical anchor Critical anchor** Minimum / drill hole embedment substrate edge distance spacing depth @ tfix, diameter thickness (mm) (mm) Tensile (kN) Shear (kN) (mm) max h_{min} V_{rec} d° N_{rec} h_{nom} s_{cr} C_{cr} 5 40 100 60 65 0.7 0.8 6 32 100 65 75 1.0 1.4 6 40 100 65 75 1.0 1.4

Note:

Recommended capacities are based on:

- Single anchor.

- Critical anchor spacing and edge distance values.

- (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 $(N_{app} / N_{rec}) + (V_{app} / V_{rec}) \le 1.2$.

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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