

NON SAFETY CRITICAL

SPLIT DRIVE ANCHOR

5mm - 6mm sizes

Mechanical Galvanised
Damp, external applications

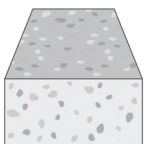
FEATURES & BENEFITS

- 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.

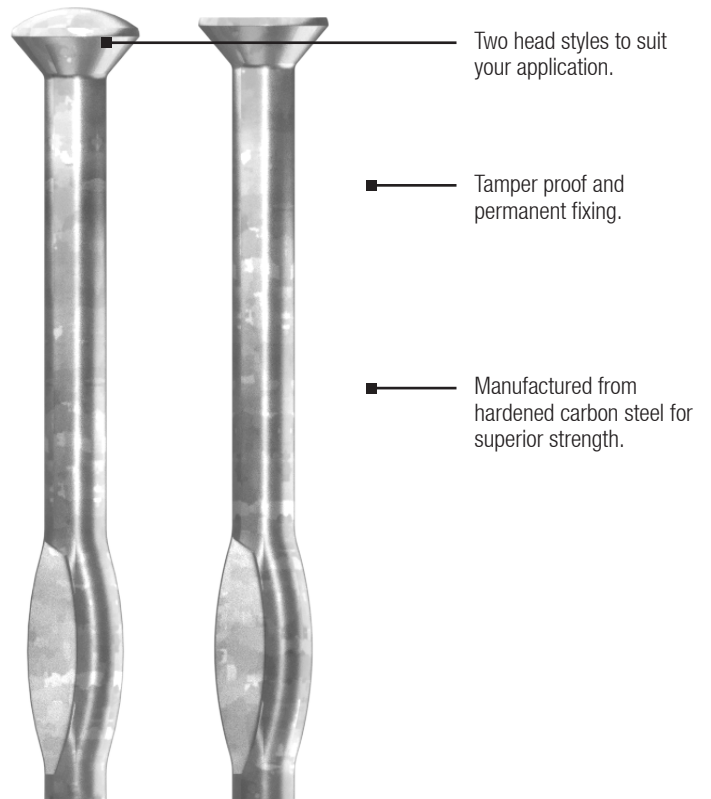
APPLICATIONS/TRADES

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

SUBSTRATE SUITABILITY



UNCRAKED
CONCRETE



Two head styles to suit your application.

Tamper proof and permanent fixing.

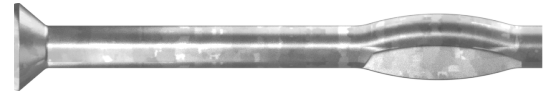
Manufactured from hardened carbon steel for superior strength.

**MECHANICAL
GALVANISED**

SPLIT DRIVE ANCHOR

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RANGE

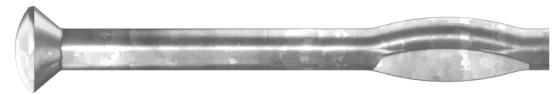


COUNTERSUNK HEAD

| 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) |
|--------------|----------|--------------------|-----------------------------------|--|--------------------------------|---|-------------------------------|
| | | l_t | d_o | 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

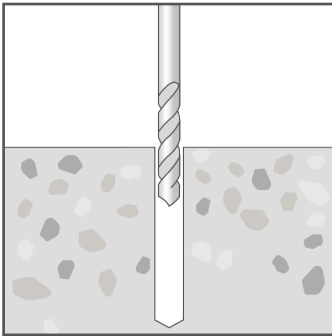
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|--------------|----------|--------------------|-----------------------------------|--|--------------------------------|---|-------------------------------|
| | | l_t | d_o | h_1 | $t_{fix, max}$ | h_{nom} | d_f |
| ASDMG060382 | 100 | 38 | 6 | 42 | 6 | 32 | 8 |
| ASDMG060502 | 100 | 50 | 6 | 50 | 10 | 40 | 8 |
| ASDMG060652 | 100 | 65 | 6 | 50 | 25 | 40 | 8 |
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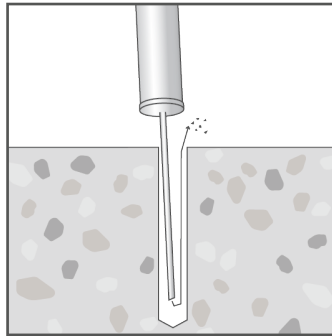
SPLIT DRIVE ANCHOR

NON SAFETY CRITICAL

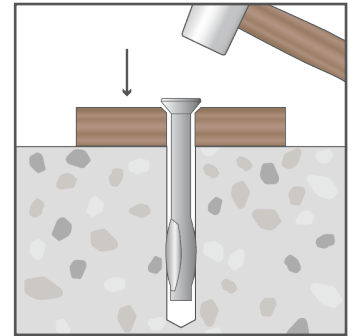
INSTALLATION



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 / drill hole diameter (mm) | Minimum embedment depth @ tfix, max | Minimum substrate thickness | Critical anchor spacing (mm) | Critical anchor edge distance (mm) | Recommended Capacities | |
|--|-------------------------------------|-----------------------------|------------------------------|------------------------------------|------------------------|------------|
| | | | | | Tensile (kN) | Shear (kN) |
| d_o | h_{nom} | h_{min} | s_{cr} | c_{cr} | N_{rec} | V_{rec} |
| 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 $(N_{app} / N_{rec}) + (V_{app} / V_{rec}) \leq 1.2$.

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.