

NON SAFETY CRITICAL

SPLIT DRIVE ANCHOR

6mm size

Stainless Steel
Marine & external applications

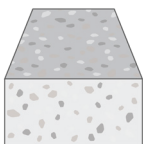
FEATURES & BENEFITS

- 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.

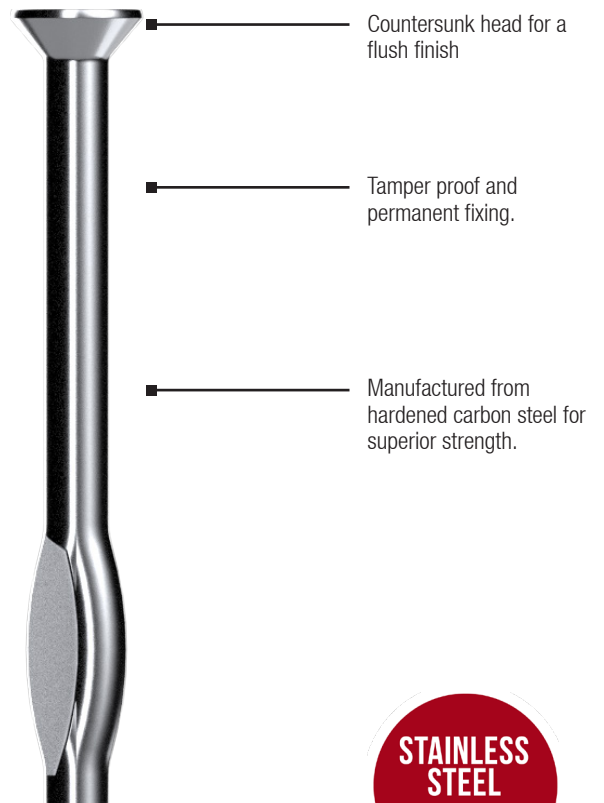
APPLICATIONS/TRADES

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

SUBSTRATE SUITABILITY



UNCRAKED
CONCRETE



Countersunk head for a flush finish

Tamper proof and permanent fixing.

Manufactured from hardened carbon steel for superior strength.

**STAINLESS
STEEL
316**

SPLIT DRIVE ANCHOR

NON SAFETY CRITICAL

RANGE

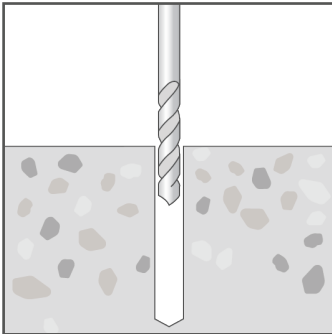


COUNTERSUNK HEAD

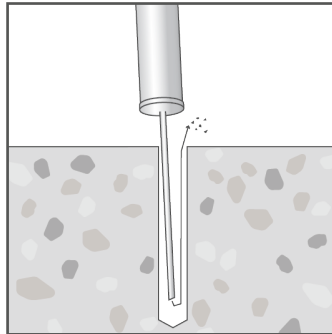
Product Code	Pack Qty	Anchor length (mm)	Anchor diameter / drill hole (mm)	Drill hole depth (mm) @ $t_{fix, max}$	Maximum fixture thickness (mm)	Minimum embedment depth (mm) @ $t_{fix, max}$	Fixture clearance hole \varnothing (mm)
		l_t	d_o	h_1	$t_{fix, max}$	h_{nom}	d_f
ASDK6060502	100	50	6	50	10	40	8
ASDK6060652	100	65	6	50	25	40	8
ASDK6060752	100	75	6	50	35	40	8
ASDK6061002	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)

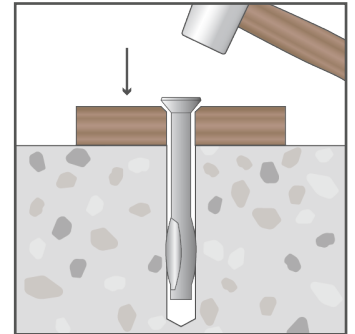
INSTALLATION



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.

SPLIT DRIVE ANCHOR

NON SAFETY CRITICAL

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}
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.