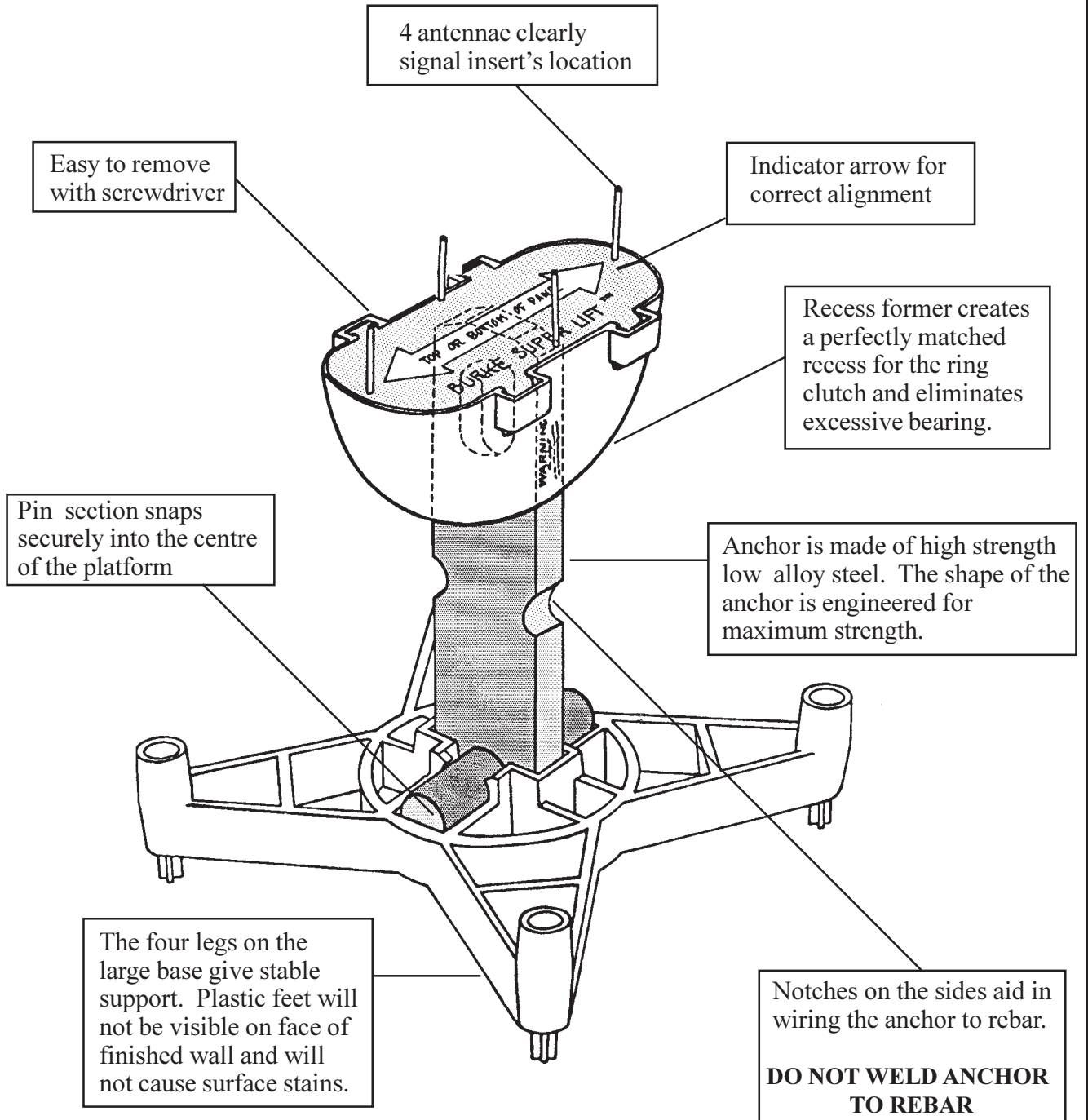




MEADOW BURKE SUPER LIFT INSERTS

Inserts can also be supplied hot-dipped galvanised on request.

COMPLIES WITH AS3850



AVAILABLE IN SIZES:

- 125MM
- 150MM
- 175MM
- 200MM

NOTE: Galvanic action can occur. Designers should be aware that a galvanic cell can be created. If galvanised steel and black steel come in contact with each other.

ADVANCED BUILDING SYSTEMS PTY. LTD.

Unit 2/22 Violet Street, Revesby NSW 2212
PO Box 113, North Revesby NSW 2212
Phone: (02) 9771 1011 Fax: (02) 9792 1414
Email: mjdavis@tiltbilt.com Web: www.tiltbilt.com



MEADOW BURKE SUPERLIFT INSERTS SUPER LIFT II

Working Loads in kN in 17 MPa Concrete, 2.5:1 Safety Factor

(This table shows loads based only on the dead load. The dead load should be increased at least 40% to compensate for initial bond and impact). Additional increases due to unusual live loads or cable angle magnification may be required for some job conditions. The minimum edge distance required to obtain the rated loads for face applications is twice the insert depth. For lightweight concrete, reduce loads by the ratio of the concrete densities.

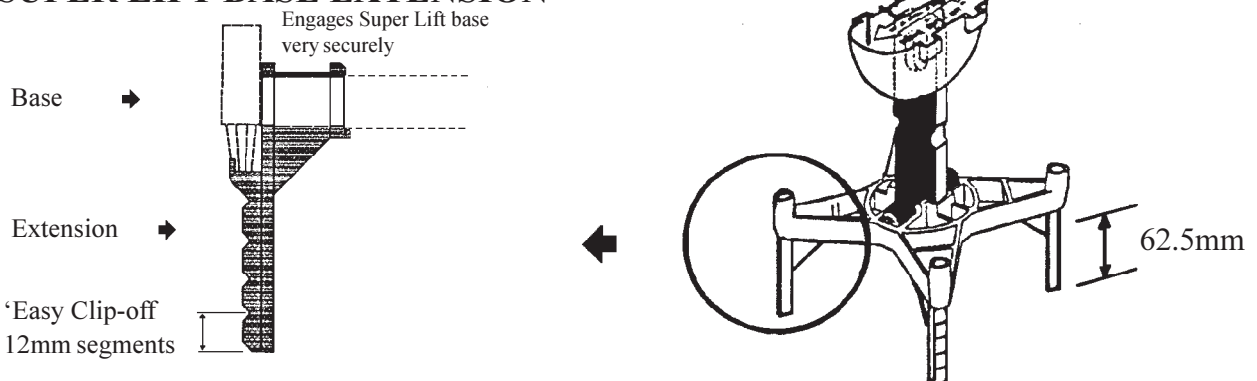
Nominal Slab Thickness (mm)

Type of Lift	125	140	150	175	200	225	250
Face Tension	32.88	32.88	51.46	54.27	54.27	54.27	54.27
Face Shear	46.09	46.09	54.27	54.27	54.27	54.27	54.27

Note: For Designers and Engineers.

Based on a 5:1 safety factor for reusable lifting devices under AS Code 3850 you should be aware that our 5t Clutch, when used with inserts above 150mm, that the insert working load limit is limited by the working load limit of the Clutch.

SUPER LIFT BASE EXTENSION



INSTALLATION

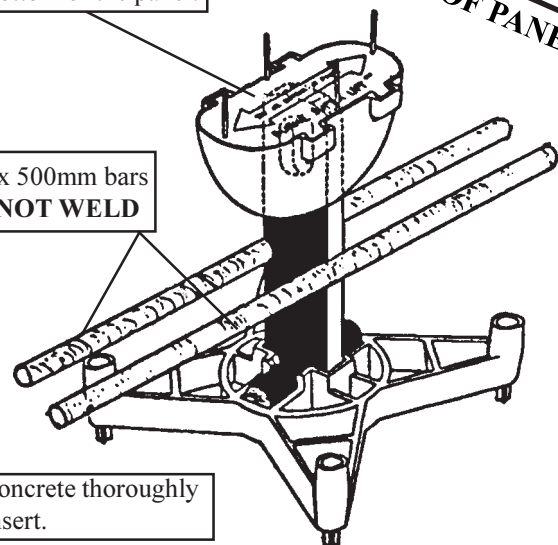
Insert shall be located as shown with the arrow on the yellow void former pointing towards the top of the panel. Be sure the insert size is the same as the panel thickness. Be certain the yellow void former is completely pushed on to the insert and the cap tightly closed. Allow at least 300mm from centre of insert to nearest obstruction above it.

Y12 bar is used solely for **location** of the insert **not to gain its Working Load Limit.**

Arrow on insert cap **MUST** point towards top or bottom of the panel.

Place two Y12 x 500mm bars on insert. **DO NOT WELD**

Vibrate concrete thoroughly around insert.



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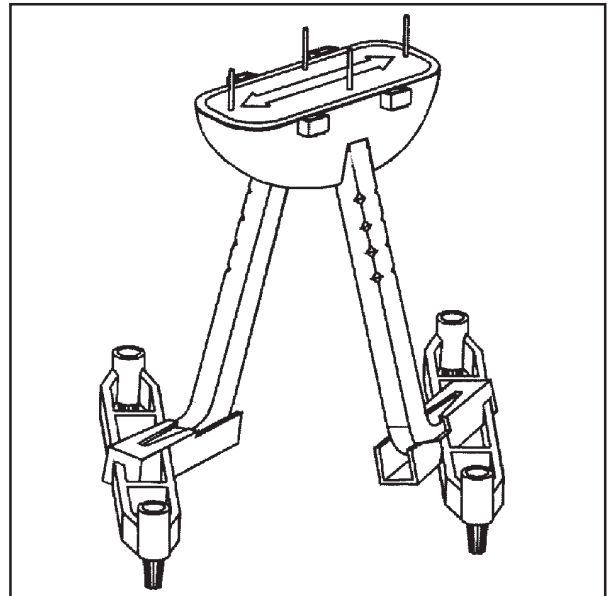
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MEADOW BURKE SUPERLIFT INSERTS SUPER LIFT III

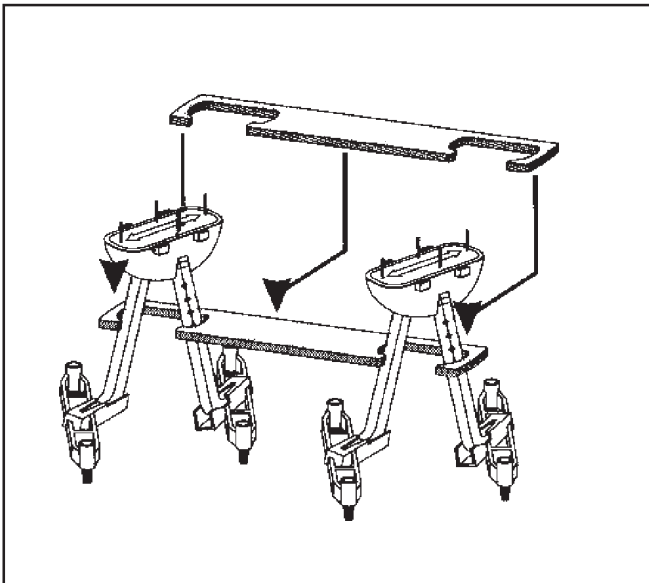
RATING 10t

The **BURKE Super-Lift III Tilt-Up Insert** with a maximum lifting capacity of 10t (2:5:1) factor of safety is capable of safely lifting more than any other tilt-up insert in the marketplace. The **BURKE Super-Lift III Insert** is sold assembled and ready to use with void-former and base attached. See Engineering Data Sheet for working loads in various panel thicknesses. An oval void requires minimum patching. The **BURKE Super-Lift III Insert** also has notches for rebar tying.



SUPERLIFT III INSERT

WLL	Tension	
	Shear	99.64 kN
WLL	Clutch	100 kN



An easy to use **BURKE Double Bar** is available for double insert requirements.

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