

shorehire.

Tilt Braces



Aluminium Tilt Braces



Lightweight Aluminium Tilt Braces

After years of research, development and testing we have created a lightweight, safe and simple alternative to the traditional precast panel brace. Proudly designed and manufactured in Australia, our braces are specifically designed to meet the Australian standards and safety. Based on research, feedback, market knowledge and consultation with the industry in Australia and globally, we have designed and developed the lightweight bracing solution.

Shore Hire has raised the bar. Featuring ultra modern design and weighing a minimum 33% lighter than the traditional steel panel brace, Shore Hire has created a labour saving alternative. Our braces are crafted from the latest available materials and technology. Utilising anodised aluminium, they are colour coded for safety and easy identification. We are passionate in our quest to achieve a safer, more user friendly brace and to minimise the work safe load handled by individuals. The patented and registered designs set a new standard for the Australian commercial building industry.

Aluminium Tilt Braces



Features

- Specifically purpose designed and engineered
- Practical cost effective solution
- Colour coded identification
- Made in Australia
- Lightweight and time saving
- Tested to Australian Standard AS 3850-2003
- Tilt-up concrete construction

Innovations

- Equivalent WLL as steel tilt brace
- Universal brace foot: dual position for ease of installation anchoring
- Acme thread: for fine panel adjustment
- Thread block: specifically engineered and replaceable
- Colour coded: safe, visible, simple identification
- T-Lock System compliant with AS3850-2003
- Swivel: allowing ease of adjustment
- Open position indicators: for simple pin positioning

ALUMINIUM TILT BRACE SPECIFICATIONS

Description	Colour	Closed	Extended	Rating Closed (WLL)	Rating Extended (WLL)	Weight
F1	Purple	1.2m	2.0m	35.0kN	25.0kN	15kg
F2	Red	2.0m	3.4m	35.0kN	25.0kN	20kg
F3	Green	2.4m	4.0m	35.0kN	25.0kN	24kg
F5	Yellow	3.4m	5.1m	35.0kN	25.0kN	29kg
F6	Blue	4.4m	6.9m	25.0kN	18.0kN	36kg
F7	Orange	5.1m	8.4m	25.3kN	13.1kN	42kg
F8	White	6.4m	10.4m	21.6kN	12.9kN	52kg

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TILT BRACE SPECIFICATIONS

Description	Length	Closed (WLL)	Middle (WLL)	Open (WLL)	Weight
Trench Mini A	1.0m – 1.6m	1.0m – 35kN	1.3m – 32kN	1.6m – 30kN	20kg
Trench Mini B	1.2m – 1.8m	1.2m – 35kN	1.5m – 32kN	1.8m – 30kN	22kg
Mini	2.6m – 4.4m	2.6m – 35kN	3.5m – 32kN	4.4m – 30kN	38kg
Standard	4.4m – 6.7m	4.4m – 40kN	5.5m – 23kN	6.7m – 14kN	53kg
Jumbo	6.4m – 10.1m	6.4m – 25kN	8.0m – 11kN	10.1m – 6kN	76kg

Tilt Braces



Our braces are made from the highest quality materials available.

Advances in tilt up slab construction techniques have brought new challenges as panel sizes and resulting loads have escalated. Our range of Push Pull Braces suit high load applications. Both sections of the Brace are permanently tagged with model and working loads. Available in five sizes.

Working load limit recommendations:

- Two Brace minimum per panel for stability and load transfer
- Whenever possible the Braces should be fixed to the panel prior to lifting
- Knee brace available for additional support
- Tested in accordance with AS3850-2003

T Locks



The T Lock is a purpose-built lock for the tilt prop industry. The unique key systems will prevent tampering on-site. The auto lock system allows easy installation. T Locks comply with Australian Standard 3850 – 2003 tilt-up concrete construction.

- Designed to fix to standard Tilt Prop
- The handle allows easy installation

SYDNEY BRANCH

360 Edgar Street
Condell Park NSW 2200
sydney@shorehire.com.au
T: 02 8708 1200

NEWCASTLE BRANCH

18 Yilen Close
Beresfield NSW 2322
newcastle@shorehire.com.au
T: 02 4918 2500

MELBOURNE BRANCH

1 Oban Court
Laverton North VIC 3026
melbourne@shorehire.com.au
T: 03 9344 6400

BRISBANE BRANCH

11 Angel Road
Stapylton QLD 4207
brisbane@shorehire.com.au
T: 07 3080 4000

HEAD OFFICE

PO Box CP449
Condell Park NSW 2200
354 Edgar Street
Condell Park NSW 2200
accounts@shorehire.com.au
T: 02 8708 1250

1300 SHORE HIRE**shorehire.com.au****shorehire.**