

Doric is the largest privately owned hardware manufacturer in Australia supplying innovative and industry leading door and window hardware for Residential, Commercial, Timber, Security and Architectural applications.

If you need any type of hardware for windows and doors talk to us at Doric! We also can create customised product to give you a unique offering and competitive advantage in the market.

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# DN400 Twin Chainwinder



# DN400 Twin Chainwinder

The NEW Twin Chainwinder is the latest offering from Doric's range of Award winning Chainwinders.

Delivering a solution to the growing trend of large awning openings, this revolutionary product is the ultimate in window control and is sure to change the way in which awning windows are specified.

Following on from yet another industry leader (DS177), the Twin Chainwinder allows for easy operation and installation in a secure key lockable configuration combined with a stylish and easy to use large fold down lever, this product delivers ultimate window control where other products cannot

Whilst designed for Residential use this product is also an ideal choice for Commercial applications where larger awnings openings are often found. The stainless steel chain which is supplied as standard can be restricted to an opening of 105mm in order to comply with the new NCC (National Construction Code) window restriction requirements, and the chain secure function will aid in the installation and cleaning process.

## Features

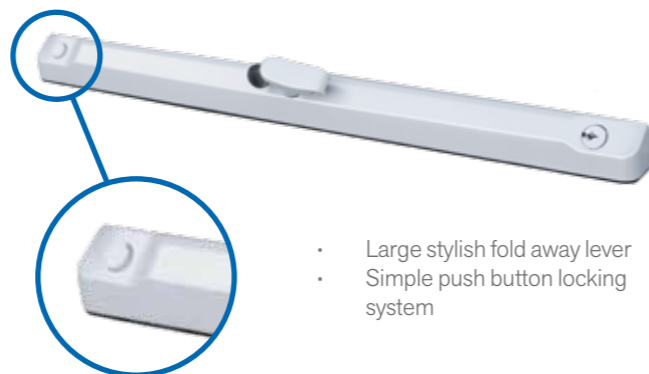
- Self restriction to an opening distance of approx 105mm in accordance with new testing standards. (NCC)
- Removable chain from sash plate to aid installation and to assist in cleaning – "Chain Secure"

## Benefits

- Suitable for use on both Commercial and Residential applications
- Supplied with a Stainless Steel chain as standard
- Available with either "5 pin" or "6 disc" cylinder locking mechanism
- Smooth, effortless operation and control for large awning openings
- Australian Industry Standard 6 year warranty applies
- Available in a wide range of standard and non-standard powder-coated colours

### Technical Specifications

<b>Materials:</b>	Aluminium housing, stainless steel chain standard.
<b>Finishes Available:</b>	Available in a full range of powder coat colours.
<b>Cylinder:</b>	Pin or Disc cylinders available



- Large stylish fold away lever
- Simple push button locking system



ZINC



SUITABLE FOR ALUMINIUM & TIMBER

## Performance

- The DN400 has been tested and surpassed Neutral Salt Spray testing in accordance with AS2331. 3.1
- The DN400 has been tested and surpassed over 5000 pascals of negative pressure - (Installed into a 1m<sup>2</sup> commercial sash frame)
- The DN400 does not have a weight or load rating, though when used in conjunction with the Doric Heavy Duty Stainless Steel stays or any continuous hinge framing system, will easily operate within a sash up to and beyond 100kg.

**Note:** The DN400 comes standard with the ability to self-restrict the opening at 105mm.

Doric recommends that the integrity of any opening should not be reliant on any one device and other products such as limiting stays and restrictors also be considered. (NCC/BCA)

The DN400 has been independently tested and surpassed Australian Standards for further information please contact your local representative.

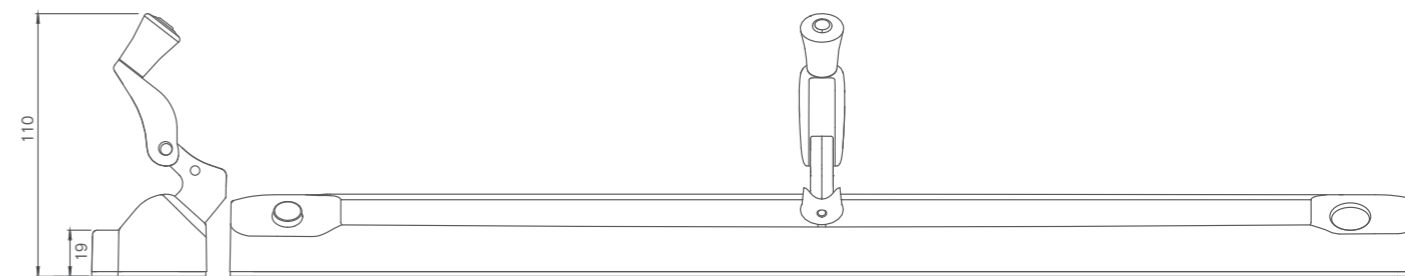
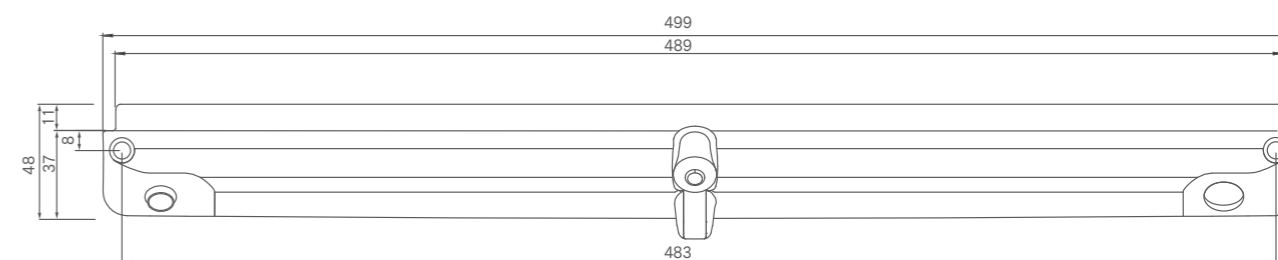
# Innovative "Chain Secure" System



### Innovative "Chain Secure" System

1) Use the key provided to disengage the chain from the sash plate.

Note: The "chain secure" key will benefit in the installation and/or cleaning process of the window.



## DS1177 Chainwinder

- Inbuilt restriction switch to easily restrict chain extension
- Revised gear ratio reducing winding to only 16 turns
- Footprint and hole pitching's are industry standard.
- Revised tolerance zinc passivated chain allows for smooth operation and increased weight capability
- 20 year corrosion warranty on body and base
- Exceeds AS2331.1.1 720 hour neutral salt spray test
- Can be keyed alike to other Doric window & door products



DS1177 Chainwinder



POLESIUM



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