

# OPERATION & MAINTENANCE OF JACK ALUMINIUM SYSTEMS PRODUCTS.



## PRODUCT CLEANING, MAINTENANCE AND REPAIR.

As with any product where the appearance and durability are important, regular cleaning and maintenance must be carried out.

The frequency of cleaning depends upon the environment or local conditions where the product has been installed. For normal urban areas it is recommended that an annual inspection is carried out and any undue soiling should be removed. In any case the framing can be visually inspected and excessive dirt removed when the glass is cleaned, which is likely to be at more frequent intervals. In areas of high pollution, such as marine atmospheres, swimming pool environments or where industrial/chemical by-products may be present, the cleaning should be carried out at least every three months. Other contaminants such as mortar spillage from building works or even bird lime can damage the surface coating if not removed in a timely fashion. In both wet and dry climate conditions, recessed or sheltered areas of the façade may become more heavily soiled because of the lack of natural rain washing. Periodic cleaning and maintenance help inhibit long term accumulation of any products which may be harmful and accelerate the weathering of the applied finish.

It should be noted that one of the conditions of any guarantee on the paint or anodised finish is that the coating is cleaned at the specified frequency and that the building occupier retains proof of this in the event of any claim.

No surface coating may be thought of as maintenance free. In just the same way that the appearance of a car's paintwork is cared for by regular cleaning to prolong its life and looks, the finish on the aluminium should receive the same care and attention.

## CLEANING

### PAINT FINISH

The surface may be cleaned using a solution of mild detergent in warm water using a soft cloth, sponge or natural bristle brush. Any abrasive products or materials shall be avoided as they will damage the coating.

If more stubborn deposits or heavily soiled areas prove difficult to clean off then a mild, non-abrasive household or automotive cleaner may be used. Try a small test area first to ensure it efficiently cleans the surface without any detrimental effects. Cleaners containing Esters, Ketones, Chlorinated Hydrocarbons or Solvents must not be used on paint finishes.

In any case if a more rigorous cleaning option is taken the final operation should always be thorough washing with a mild detergent in warm water, as per the regular cleaning regime above.

## ANODISE FINISH

The surface may be cleaned using a solution of mild detergent in warm water using a soft cloth, sponge or natural bristle brush. For anodised surfaces it may be possible to use a mild solvent to remove greasy deposits but remember it must not come into contact with any gaskets, sealants or other finishes. Strong solvents should be avoided as they may extract stain producing chemicals from sealants. Aggressive alkaline or acid cleaners should never be used when cleaning anodised surfaces. Excessive abrasive rubbing should not be employed as it could damage the finish and adversely affect its durability.

## MAINTENANCE

### HARDWARE

The general maintenance of hardware should be in accordance with the manufacturer's instructions.

Moving parts such as locking mechanisms, pivots, hinges etc. should be lubricated periodically to ensure their smooth operation and minimise wear. An exception to this is the friction stay hinge on windows where the friction pads should not be lubricated as it may impair their braking function. The tracks should be cleaned and the friction adjusted as required, but not lubricated.

## REPAIR

### REPAIR OR REPLACEMENT OF DAMAGED COMPONENTS

If broken glass has to be replaced then this can be done using the gaskets and weatherstripping supplied. Care must be taken not to damage either of these as this could impair the weather performance of the product. In the event of any damage then use new replacement items. (Refer to supplier for details).

If damage occurs to the hardware, fittings or other components then these should be replaced with like parts or compatible alternatives. (Refer to the supplier for details and fitting instructions).

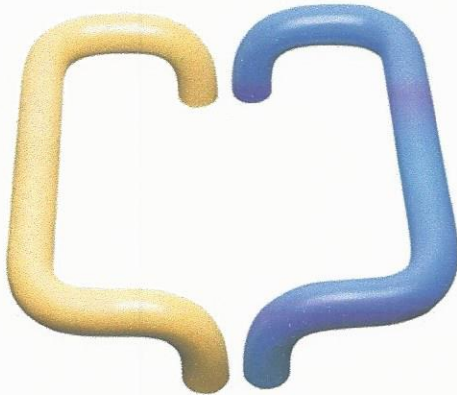
If damage occurs to the profile finish then seek advice from the supplier or professional repair company to ensure an effective repair in a timely manner. This will help minimise any adverse effects on the long term durability of the product and its appearance.



01202 676262  
(tel:+441202  
676262)

(<https://www.facebook.com/alpro>)

Impressionist 02 Pull Handle (<https://twitter.com/c>)



The Impressionist 02 Series door handle is a cranked D pull handle. These pull door handles are designed for aluminium, timber and glass door applications.

The Impressionist range of door handles are bold and modern in appearance, as well as being practical in everyday use. Manufactured in 32mm diameter, the look and feel is strong and robust, yet aesthetically pleasing to the eye. Available from stock in aluminium, stainless steel, polished stainless steel and a numerous range of painted nylon coated colours in the 02 and 05 Series; this range truly does make "an impression".

#### Features Include

- ✓ Bold and Modern Appearance
- ✓ Strong and Robust
- ✓ Available in Numerous Finishes

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Specification

Order info

Documents

FAQs

#### Series Imp 02

Diameter	32
Centres	250/300/400/600
Projection	80
Throw	140

#### Finishes Available

Satin Anodised (SAA)  
Satin Stainless (SSS)  
Polished Stainless (PSS)  
Powder Coated (PC)  
Painted Nylon Coated (NC)

If the finish you require is not shown please contact us.

#### Colour Options

The following Painted Nylon coated colours are available ex-stock.

Black	(RAL9005)
White	(RAL9010)
Ultra Marine Blue	(RAL5002)
White Aluminium	(RAL9006)
Agate Grey	(RAL7038)

Additional colours are available at extra cost with a 10 working day lead time.

#### Fixing Kits

12/3/2018

## Pull Door Handle | Offset Cranked Pull Handles

Handles are supplied with bolt-thru or back to back fixing as standard. Fixing kit information can be found at the back of the **door handle catalogue** ([/Uploads/Docs/Door-Handles-May2016.pdf](#)).

Back to back kits come with F19, F20 & F21 fixings. Bolt-thru kits come with F26 & F34 fixings.

### **Please Note**

Stainless steel handles are manufactured from 304 grade stainless steel and polished stainless steel.



# MS<sup>®</sup> 2200

## Maximum Security Deadlock

The Adams Rite MS<sup>®</sup> 2200 deadlock provides maximum security locking for both swing and sliding aluminium doors using a europrofile cylinder.



### Key Benefits

- 2/3 point locking available when used with 4022-18 kit.
- Alumina ceramic core in bolt to prevent hacksaw attack.
- Retains the same uncomplicated pivot mechanism and all the security features associated with the other MS<sup>®</sup> Deadlocks.
- The MS<sup>®</sup> 2200 lockbody has been designed to cater for 17mm Europrofile as standard.
- Riv-nut fixing version available.
- Available on aluminium and steel doors.
- Version to suit 22mm Kaba Europrofile cylinder available.

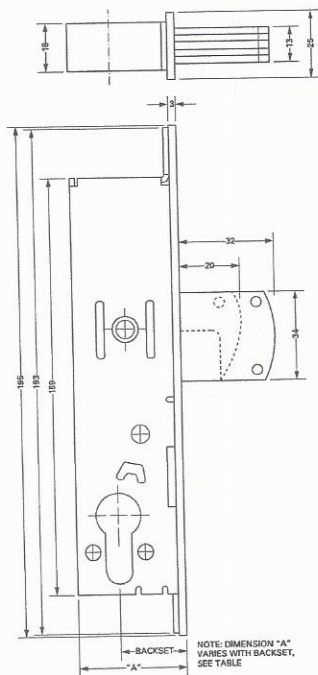
### Related Hardware

Europrofile Cylinders and Escutcheons

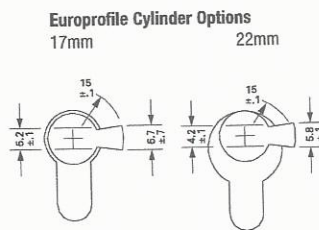
MS<sup>®</sup> 4000 Armoured Parts ~ 4022-18 Header/Threshold Bolt



## Dimensions



Backset	Dimension "A"
25mm (0.98")	41mm (1.61")
30mm (1.18")	46mm (1.81")
40mm (1.57")	40mm (2.20")



## Specifications

<b>Overall Case Size:</b>	195mm x 25mm x 41mm (25mm Backset) 195mm x 25mm x 46mm (30mm Backset) 195mm x 25mm x 56mm (40mm Backset).
<b>Case:</b>	Steel with corrosion-resistant plating.
<b>Backset:</b>	25mm, 30mm, 40mm (40mm option: hookbolt version only).
<b>Bolt Throw:</b>	32mm (Bar); 20mm (Hook).
<b>Lock Bolt:</b>	34mm x 13mm. 5 Ply Laminated Steel with Alumina-Ceramic Anti-Saw Core (Stainless steel lockbolt option available on certain models).
<b>Forend:</b>	Steel with aluminium faceplate.
<b>Mechanism:</b>	Carbon Steel Actuating Mechanism.
<b>Cylinder:</b>	Any standard 17mm Europrofile Cylinder/Thumbturn or 22mm Kaba Profile Cylinder/Thumbturn.
<b>Operation:</b>	MS <sup>®</sup> 2200 - 17mm Europrofile Cylinder MS <sup>®</sup> 2210 - 22mm Kaba Profile Cylinder 360° turn of key or thumbturn. Key only removable when bolt is positively locked or unlocked.
<b>Faceplate Finishes:</b>	628 Satin Aluminium, 313 Bronze, 335 Black.
<b>Door Type:</b>	Aluminium or Steel.
<b>Two/Three Point Locking:</b>	Specify 4022-18 (1 or 2 no.) (Not available in 40mm backset).
<b>Monitoring Facility:</b>	Optional via Microswitch within case.

## Ordering Codes

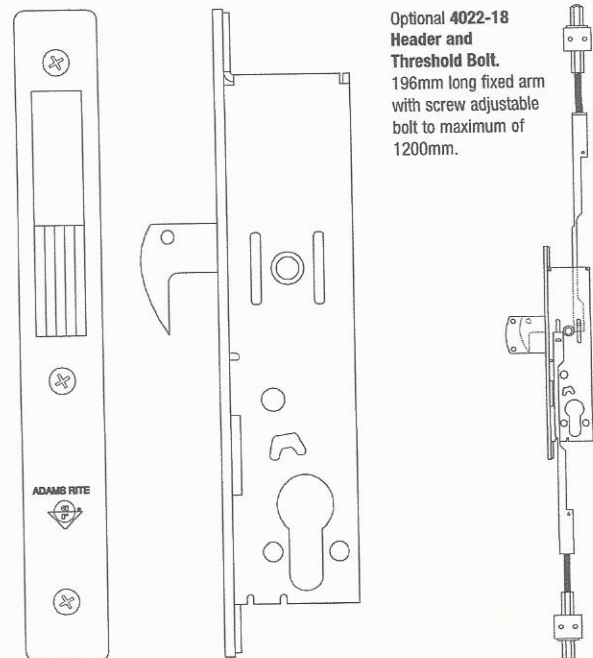
### Lock Bodies

<b>2200-110</b>	25mm Backset Barbolt Deadlock 17mm Cylinder
<b>2200-150</b>	25mm Backset Hookbolt Deadlock 17mm Cylinder
<b>2200-150-02</b>	25mm Backset Hookbolt Deadlock 17mm Cylinder Monitored
<b>2200-210</b>	30mm Backset Barbolt Deadlock 17mm Cylinder
<b>2200-250</b>	30mm Backset Hookbolt Deadlock 17mm Cylinder
<b>2200-250-02</b>	30mm Backset Hookbolt Deadlock 17mm Cylinder Monitored
<b>2200-350</b>	40mm Backset Hookbolt Deadlock 17mm Cylinder
<b>2200-350-02</b>	40mm Backset Hookbolt Deadlock 17mm Cylinder Monitored
<b>2210-110</b>	25mm Backset Barbolt Deadlock 22mm Cylinder
<b>2210-150</b>	25mm Backset Hookbolt Deadlock 22mm Cylinder
<b>2210-150-02</b>	25mm Backset Hookbolt Deadlock 22mm Cylinder Monitored
<b>2210-210</b>	30mm Backset Barbolt Deadlock 22mm Cylinder
<b>2210-250</b>	30mm Backset Hookbolt Deadlock 22mm Cylinder
<b>2210-250-02</b>	30mm Backset Hookbolt Deadlock 22mm Cylinder Monitored

### Faceplates

<b>24-2200-010-628</b>	MS <sup>®</sup> 2200 Faceplate Flat Bar Lock SAA Finish
<b>24-2200-050-628</b>	MS <sup>®</sup> 2200 Faceplate Flat Hook Lock SAA Finish
<b>24-2200-110-628</b>	MS <sup>®</sup> 2200 Faceplate Radius Bar Lock SAA Finish
<b>24-2200-150-628</b>	MS <sup>®</sup> 2200 Faceplate Radius Hook Lock SAA Finish
<b>24-2200-250-628</b>	MS <sup>®</sup> 2200 Faceplate Left Hand Bevel Hook Lock SAA Finish
<b>24-2200-350-628</b>	MS <sup>®</sup> 2200 Faceplate Right Hand Bevel Hook Lock SAA Finish
<b>24-2200-410-628</b>	MS <sup>®</sup> 2200 Faceplate Radius Weatherstrip Bar Lock SAA Finish
<b>24-2200-450-628</b>	MS <sup>®</sup> 2200 Faceplate Radius Weatherstrip Hook Lock SAA Finish

**Note:** The MS<sup>®</sup>2200 is available with Rivnut fixing - change last digit of code to '3' e.g. 2200-113. Cylinders, thumbturns and faceplates not supplied as standard; order separately. 40mm backset option available in 17mm Europrofile cylinder hookbolt version only.

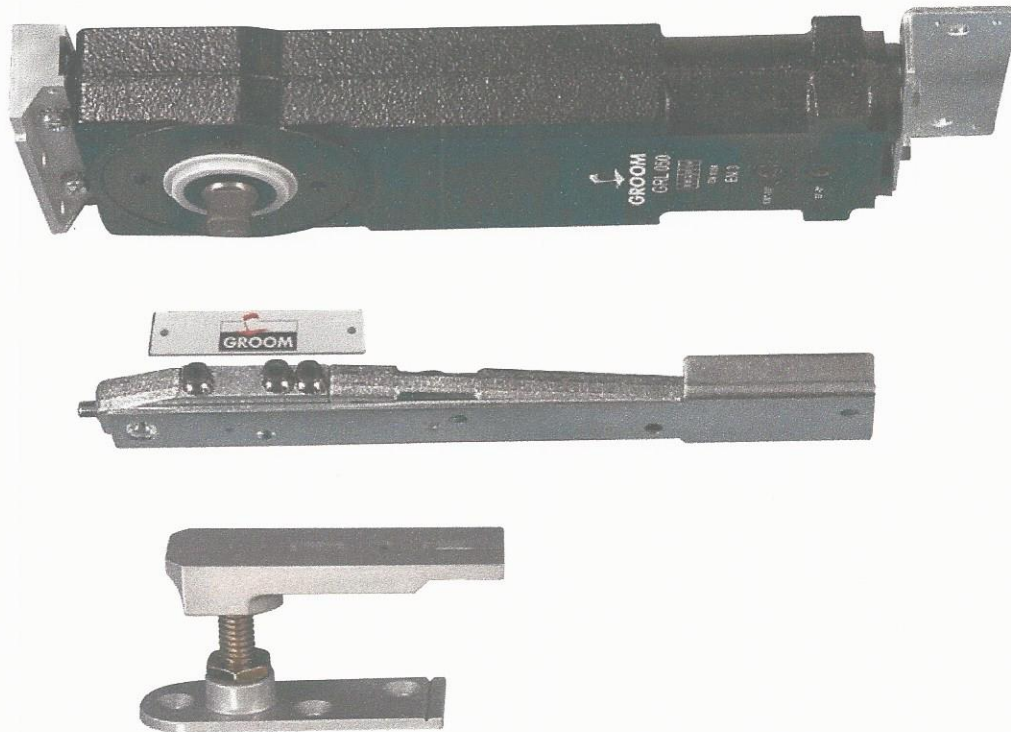


**Note:** 628 denotes Satin Anodised Finish-substitute 628 with 313 for Bronze, or 335 for Black. Always order a barbolt faceplate when using the 40mm backset hookbolt version.



# GROOM GRL 050

## Universal Transom Closer



### TECHNICAL SPECIFICATION

### GRL 050

Available in non hold open or 90° hold open	
Available in closing forces	EN 2/3/4
Maximum dimension of door	1100 mm
Maximum weight of door	110 Kg
Closing speed adjustable 130° - 15°	YES
Latching action adjustable 15° - 0°	YES
Compliance with EN 1154 standard	YES
Spindle height:	Standard 12mm or Extended 8mm (20mm total)

### PRODUCT FEATURES

- Opening up to 130°
- Adjustable closing speed via two valves
- Suitable for single and double action doors
- Built in pressure relief valves
- High grade cast iron mechanism body
- Side load installation configuration
- End load installation configuration

### TRADE COUNTERS BY DORMA

11 HEYBRIDGE WAY  
LEA BRIDGE ROAD, LEYTON  
LONDON E10 7NQ

**Tel: 020 8558 9350**  
**Fax: 020 8558 4815**

E-mail: [trade-counters-ly@dorma-uk.co.uk](mailto:trade-counters-ly@dorma-uk.co.uk)

UNIT 17 BARNACK TRADING CENTRE  
NOVERS HILL, BEDMINSTER  
BRISTOL BS3 5QE

**Tel: 0117 963 5382**  
**Fax: 0117 963 5395**

E-mail: [trade-counters-br@dorma-uk.co.uk](mailto:trade-counters-br@dorma-uk.co.uk)

UNIT 2 CONQUEROR COURT  
SPILSBY ROAD, HAROLD HILL  
ESSEX RM3 8SB

**Tel: 01708 336760**  
**Fax: 01708 336769**

E-mail: [trade-counters-hh@dorma-uk.co.uk](mailto:trade-counters-hh@dorma-uk.co.uk)



# GROOM GRL 050

# Universal Transom Closer

## PART No

## DESCRIPTION

### BODY ONLY - NON HOLD OPEN

GRL052055	GRL050 EN2 - STANDARD HEIGHT
GRL053055	GRL050 EN3 - STANDARD HEIGHT
GRL053855	GRL050 EN3 - 8mm EXTENSION
GRL054055	GRL050 EN4 - STANDARD HEIGHT

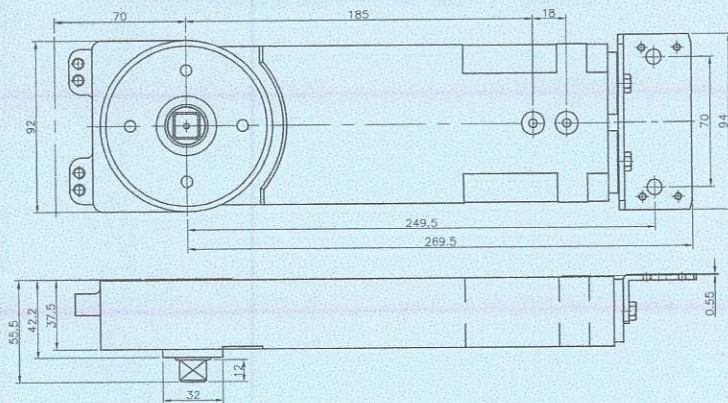
### BODY ONLY - 90° HOLD OPEN

GRL052045	GRL050 EN2 - 90° H/O STANDARD HEIGHT
GRL053045	GRL050 EN3 - 90° H/O STANDARD HEIGHT
GRL054045	GRL050 EN4 - 90° H/O STANDARD HEIGHT

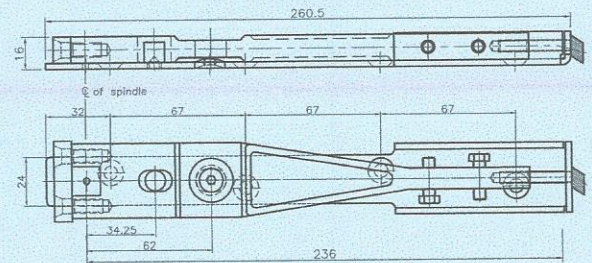
### ACCESSORIES - TFH PART NUMBERS LISTED

GRL000831	RA-853A-40 SIDE LOAD ARM STANDARD
GRL000832	RA-513A-77 READ END LOAD ARM STANDARD
GRL000833	RA-R513A-73 PINCH FREE SIDE LOAD ARM
GRL000821	SCR-Q101 HEAVY DUTY BOTTOM PIVOT
GRL000834	FRONT & REAR BRACKET FOR SIDE LOAD ARM STANDARD & PINCH FREE LOAD ARM
GRL000835	FRONT & REAR BRACKET FOR END LOAD ARM STANDARD
GRL050050	GRL050 DUMMY UNIT STD SPINDLE

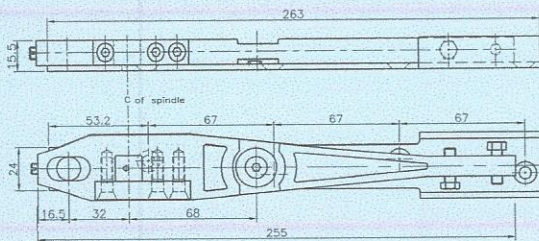
## UNIVERSAL TRANSOM CLOSER



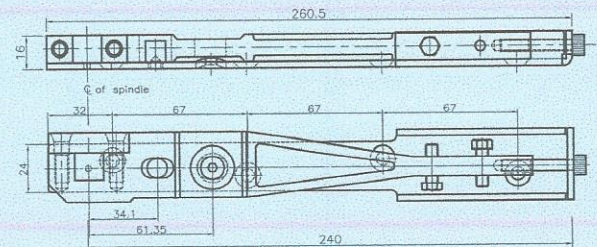
## END LOAD



## SIDE LOAD



## SIDE LOAD



## BOTTOM PIVOT

