HANG- EN SLUITWERK

Bedieningen





Auerhaan Lelystad is een bedrijf met een zeer lange historie; opgericht in 1885, is het bedrijf een bekende en betrouwbare toeleverancier van producten voor de carrosseriebouw, busbouw, machinebouw, scheepsbouw en jachtbouw. Vele vertegenwoordigingen van gerenommeerde fabrikanten in Europa en daarbuiten maken het productassortiment van Auerhaan tot een zeer breed programma. Het mag u dan ook duidelijk zijn dat de informatie die wij u geven via deze website nooit compleet kan zijn.







SECTION

CONTROLS

INSIDE RELEASES, WINDOW HANDLES & SUPPORT STAYS

This section contains a varied assortment of products for controlling operation of doors and windows.

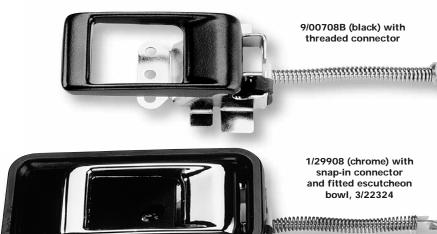
Also included are support stays, which find application in all types of boxes, front-opening panels, and large enclosures.

These elegant handles are variations on a theme - with centre-screw fixing, concealed fix, or accepting an externally-threaded shaft (dome-nut supplied)

T 0 3 2 0 - 2 8 6 1 7 1 | www.auerhaan-lelystad.nl Reken op ons.







9/00708B (black) with threaded connector

1/29908 (chrome) with snap-in connector and fitted escutcheon bowl, 3/22324

'BUCKLE' INSIDE RELEASE **HANDLES**

A neat, automotive design which is very easy to fix. There is no locking feature, so it is used on doors where inside locking is achieved by sill-button or other means. Two styles of connector as shown, non-handed.

ORDERING CODE

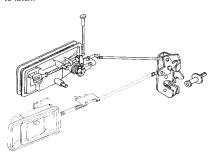
1/29908	'Buckle' release, chrome, (snap-in)
1/29908B	As above, black
9/00708	'Buckle' release, chrome (threaded)
9/00708B	As above, black
3/22324	Moulded escutcheon bowl, black
9/00078	Connector rod, 3.5 mm x 1 metre
7/26668	Sill-button, black

Special Models

Threaded connectors can be provided to alternative threads/lengths and with other features to facilitate attachment.

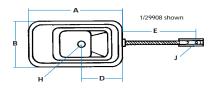
Installation of 'buckle' release

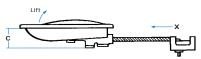
Illustration shows inside handle with simple connection



This is an installation using our outside 'flap' handle, 1/25653, with 'freewheeling' action. See section B.

SPECIFICATION





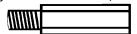
Α	Bowl total length	102 mm
В	Bowl width	55 mm
С	Depth to base	23 mm
D	Location	45 mm
Ε	Location to 'J'	75 mm
Н	Hole size (dia)	5 mm
J	Hole size (dia)	3.5 mm
X	Travel of latch release	15 mm

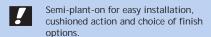
A rubber buffer on the frame acts as a stop, 'cushioning' action and preventing rattle.

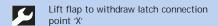
Adjustable connector (9/00708, etc)

Hexagonal brass connector, length 40 mm, threaded 10/24 UNC (RH thread) allows 5 mm of adjustment.

Adjustable connector (9/00708)









Bright chromium-plated or black buckle, on zinc-plated frame. Black escutcheon.

Zinc diecast 'buckle' on steel frame, with bowl moulded in ABS.

Alternative connectors

Anti-burst latches (pages D20-21)



7/26668 sill button

Moulded in black ABS with plain core, self-taps onto thread-rolled rod (4.2 mm diameter)

T 0320 - 28 61 71 | www.auerhaan-lelystad.nl

Reken op ons.





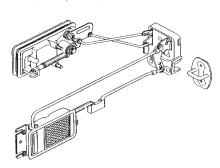


ORDERING CODE

1/29774	Flush case, RH, black
1/29775	Flush case, LH, black
3/15610	Flush case, RH, chrome/black flaps
3/15611	Flush case, LH, chrome/black flaps
3/15610/01	Flush case, RH, chrome/chrome flag
3/15611/01	Flush case, LH, chrome/chrome flap
3/14422	Trim bezel, black (2 required)
9/00078	Connector rod, 3.5 mm x 1 metre

Installation of 'flush case'

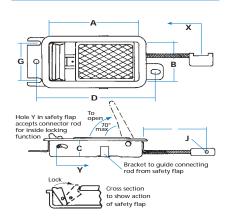
Illustration shows right-side handle with fully interconnected action through door latch to outside handle (See 'Flap handles').



'Handing'

'Flush cases' are handed by position of connector block and small bracket.

SPECIFICATION



A	Case length	112 mm
В	Case width	58 mm
С	Case depth	20 mm
D	Hole centres	145 mm
E	Location to 'J'	75 mm
F	Flange depth	15 mm
G	Location	50 mm
Н	Hole size	6 x 12 mm
J	Hole size (dia)	3.5 mm
X	Travel of latch release	15 mm
Υ	Travel of lock release	10 mm



'FLUSH CASE' INSIDE RELEASE HANDLES with safety flap

Widely used through several generations of cars, vans and trucks, the 'flush-case' is strong, attractive, and easily fitted. There is a safety flap for internal locking, which provides visual indication that a door is secured.

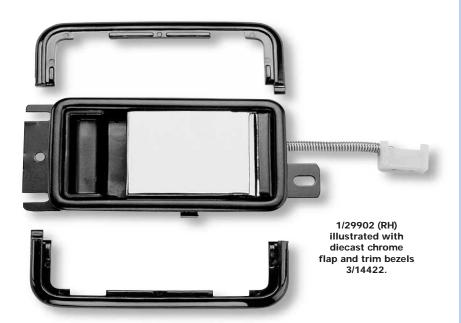
- Semi-plant-on design for easy installation and adjustment, 'snap-in' connection, cushioned action, and wide choice of finish options.
- Lift flap to withdraw latch connection point 'X'. Safety flap operates separate connecting link to door latch, and blocks main flap.
 - Handle is bolted to inside door skin through elongated hole/slots in brackets at each end. Link rods are pressed into connector block and into hole at (either) side of safety flap. Trim panel is fitted over handle, 2-piece bezels will conceal gaps.
- Case is powder-coated black or grey, or bright chromium plated. Standard moulded flaps are black or grey with 'quilted' pattern. Optionally, diecast main flap with smooth finish in black or chrome.
- Mild steel case with flaps moulded in ABS (or diecast main flap).
- Use with 'disc' latches or similar (pages D20-21)

9/00078 Standard connecting rod, zinc-plated steel, supplied in straight 1-metre lenghts.









ORDERING CODE

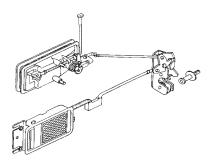
1/29450	Flush case, RH, black
1/29451	Flush case, LH, black
1/29902	Flush case, RH, black/chrome flap
1/29903	Flush case, LH, black/chrome flap
9/01013	Flush case, RH, threaded connector
9/01014	Flush case, LH, threaded connector
3/14422	Trim bezel, black (2 required)
9/00078	Connector rod, 3.5 mm x 1 metre

Special models

Using a different arrangement of operating links, connector travel ('X') can be increased to 25 mm for more positive latch release action (request 1/30601-2).

Installation of 'flush case'

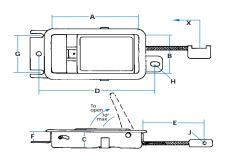
Illustration shows right-side handle with simple connection to latch (See 'Flap handles').



Handing'

'Flush cases' are handed by position of connector block and small bracket.

SPECIFICATION



Α	Case length	112 mm
В	Case width	58 mm
С	Case depth	20 mm
D	Hole centres	145 mm
E	Location to 'J'	75 mm
F	Flange depth	15 mm
G	Location	50 mm
Н	Hole size	6 x 12 mm
J	Hole size (dia)	3.5 mm
	·	
X	Travel of latch release	15 mm

THREADED CONNECTORS





'FLUSH CASE' INSIDE RELEASE HANDLES without safety flap

These versions of the 'flush case' suit internal doors where no safety flap is required, or where inside locking is achieved by other means (for example, by sill-button).

- Semi-plant-on design for easy installation and adjustment, 'snap-in' connection, cushioned action and wide choice of finish options.
- Lift flap to withdraw latch connection point 'X'.
- Handle is bolted to inside door skin through elongated hole/slots in brackets at each end. Trim panel is fitted over handle, 2-piece bezels will conceal gaps.
- Case is powder-coated black. Standard moulded flap is black with 'quilted' pattern, optionally, diecast with smooth finish in black or chrome.
- Mild steel case with flap moulded in ABS or zinc diecast.
 - Threaded connector for adjustment.
 Special models with extended travel ('X' = 26 mm)
- Use with 'Series 400' latches or similar (page D18)

Connector block, 3/14493



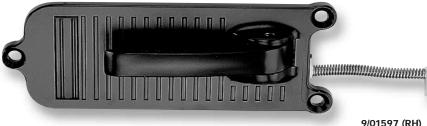
Useful nylon connector which accepts two pieces of linkage rod

T 0320 - 28 61 71 | www.auerhaan-lelystad.nl

Reken op ons.











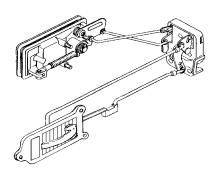
1/26650B (RH) illustrated, showing safety flap in 'locked' position

ORDERING CODE

1/26650B 'Washboard', with safety, RH, black 1/26649B 'Washboard', with safety, LH, black 9/01597 'Washboard', no safety, RH, black 9/01596 'Washboard', no safety, LH, black

Installation of 'washboard' release

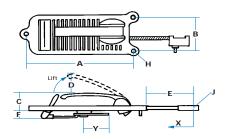
Illustration shows right-side handle with fully interconnected action through door latch to outside handle. With original scheme a push-button exterior handle was used.



'Handing'

Separate base castings, handed by position of connection points and release handle.

SPECIFICATION



A	Length (between centr	es)	155 mm
В	Width (between centre	es)	53 mm
С	Max height (at rest)		28 mm
D	Max. travel		50 mm
Ε	Location to 'J'		75 mm
F	Max. depth		15 mm
Н	Hole sizes	6 mm	(dia) c/s 12 mm
J	Hole size (dia)		3.5 mm
X	Travel of latch release		15 mm
v	Travel of lock release		22 mm

Note:Lock release lever 'Y' has two attachment points, allowing for adjustment of linkages on site.

'WASHBOARD' INSIDE RELEASE HANDLES

The 'washboard' release represents an evolutionary stage between conventional 'rotary' inside handles and fully-flush designs. It is a diecast unit with a 'pull-out' handle that affords good grip, while sitting low against the side of the vehicle when in rest position.

Originally made for luxury cars it also suits trucks and buses and can be supplied with or without safety flaps as illustrated.

- Semi-plant-on design for easy installation, 'snap-in' connection, cushioned action, can be polished and plated to high standards of finish.
- Lift flap to withdraw latch connection point 'X'. Safety flap (when fitted) operates separate connecting link to door latch, and blocks main flap.
- Handle is fitted to inside door skin, link rods are attached, and trim panel is applied over ends of handle to conceal bolts.
- Black powder-coated as standard, optionally bright chromium-plated.
- Zinc diecastings with steel connecting links.
- Alternative connectors.
 - Anti-burst latches (pages D20-21)

Linkage clips



All accept standard connecting rod.

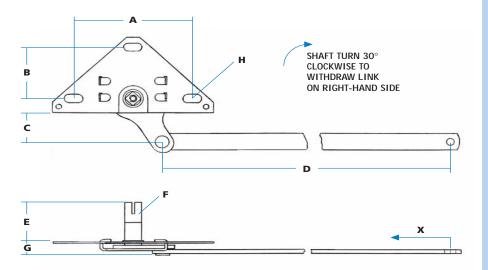
T 0 3 2 0 - 2 8 6 1 7 1 | www.auerhaan-lelystad.nl











ORDERING CODE

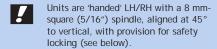
9/00359	Inside release, RH
9/00360	Inside release TH

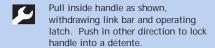
	S	SPECIFICATIO	N
4	A	Length (between centres)	80 mm
ı	В	Width (between centres)	40 mm
(С	Projection	22.5 mm
i	D	Link bar	380 mm
I	Ε	Spindle height	32 mm
Ī	F	Spindle tapped	15 mm x 10-32 UNF
(G	Rear projection	10 mm
ı	Н	Hole sizes	6 x 13 mm
2	X	Travel of latch release	25 m
1			



'TRAIL-PLATE' INSIDE RELEASE & HANDLES

Highly versatile units which allow door latches to be operated from a handle some distance away. Particularly useful on wide doors, trucks, and off-road vehicles.





Install as shown to achieve correct movement on each side of vehicle. Units may be inverted to reverse movement of link bar.

Semi-plant on, with slotted holes for adjustment, and normally covered with trim panel.

Zinc-plated mechanism.

Handles are chromium-plated.

- Alternative spindles (length, alignment)

- Special link bars to order.

Use with inside handles shown, and with rotary latches (D18) or similar.









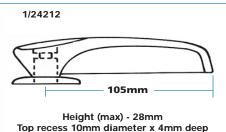
Adaptor Shim 1/07995

This useful spring-steel adaptor allows inside handles on this page (9.5 mm square core) to be used with 8 mm square shafts.

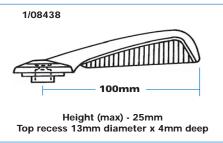
Fixing screw

handles have recessed hole to accept fixing screw, ref 24-16.

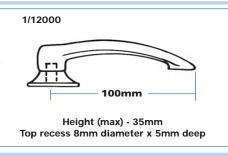




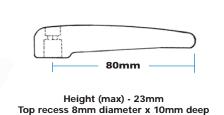












1/11818

INSIDE RELEASE HANDLES

(Screw-Fixing to 9.5 mm square shaft)

'Webbed' Style

Strongly-styled handle with 'webbed' sidewall, in black ABS with chrome-plated diecast base-plate. Screw-fixed into 9.5mm (3/8") square core, in-line with axis.

(was BL 'mini', etc.)

'Fishtail' Design

Fishtail' design on sidewall, diecast and finished in bright chromium plating. Screwfixed into 9.5mm (3/8") square core, in-line with axis. May require spacer ring, (5/01595).

(was Ford, Triumph, etc)

'Traditional' Model

Traditional' model with high grip and integral skirt, diecast and chromium plated. Screw-fixed into 9.5mm (3/8") square core, in-line with axis.

'Slimline' Model

Very elegant little handle with low height and smooth sidewalls. Screw-fixed into 9.5mm (3/8") square core, in-line with axis.







Standard 8 mm steel shaft, with chamfered corners, supplied in 150 mm lengths, bright zinc -plated

INSIDE RELEASE HANDLES

(Screw-Fixing to 8mm square Shaft)

Moulded Handle

A small, tough, useful handle made in wear-resistant Acetal, with fine-sparked finish. Normal colour is black, red also available. 8mm square core, in-line with axis.

'Traditional' Handle

Diecast-handle with high grip and integral 'skirt". Available in chrome or black powder-coated. 8mm square-core, in-line with axis

'Spade-end' Handle

Diecast handle, useful for restricted spaces. Available in chrome only. 8mm square core, in-line with axis.

'Heavy-duty' Handle

A substantial handle developed for heavy trucks and also used for electrical control gear. Diecast, with chrome or black finish. 8mm square core, in-line with axis.

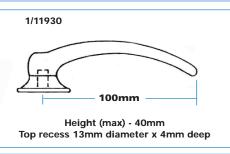
Moulded handle

5/01664

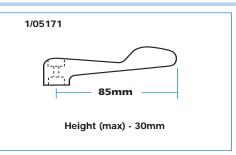
(black)



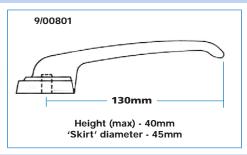










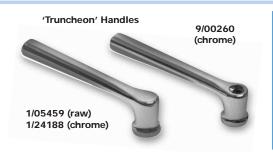


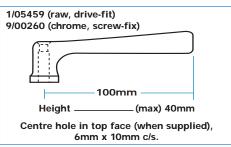




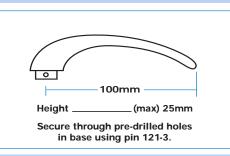




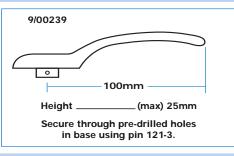






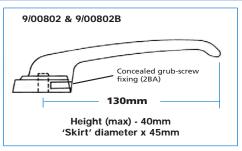








Reken op ons.



INSIDE RELEASE HANDLES CONCEALED-FIX MODELS

'Truncheon' Handles

A useful design with two versions. The plain handle is driven onto a shaft and is drilled & pinned. Otherwise, a centre hole is provided for screw fixing. 8mm square hole, in-line with axis. Finish is raw or chrome (black optional)

Traditional 'pin-fix' Handles

A slim, curved handle fixed by pinning through pre-drilled holes in base.

Two versions are available. 1/11908, with 9.5mm square core 9/00608, with 8.0mm square core

A spring-escutcheon covers base of handle for neat appearance. (order separately)

'Modern' Handle

A modern car handle with attractive styling. It has 9.5mm (3/8") square core, in-line with axis, and is secured by predrilled holes in base. The adapter shim, 1/07995, can be used for 8mm square shafts.

'Heavy-duty' Handle

A substantial handle, fixed by concealed grub-screw in 'skirt'. Finish is chrome or black, Square core at 8mm (5/16"), in-line with axis.









Core is 9.5mm square, in-line with axis

DIECAST WINDOW HANDLES

'Hi-line' style

Elegant handles suitable for most 9.5mm square-shaft drives. The packing shim 1/07995 can be used to convert to 8mm square-drive.

'Smooth-line' style

Attractive, clean-styled handles, with centre-fixing at 45° to axis. A moulded spacer disc (5/01595) is supplied as standard, and there is a choice of large or small knobs.

9/01595 (splined core model) A special version has 'female' splined core to suit cerain types of window regulators. Ask for drawing



Concealed-fix handle, chrome

Concealed-fix handle, black

ORDERING CODE

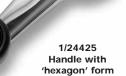
9/00875

9/00875B

9/00225	Window handle, chrome, large knob
9/00225B	Window handle, black, large knob
9/00625	Window handle, chrome, small knob
9/00625B	Window handle, black, small knob



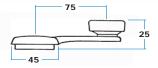
Core is 9.5mm square, at 45° to axis



ORDERING CODE

J	
1/24425	Window handle, chrome, hex
1/24425B	Window handle, black, hex
9/01701	Window handle, chrome, spline
9/01701R	Window handle black spline





Top recess 6mm diameter x 10mm deep

'Low-line' style

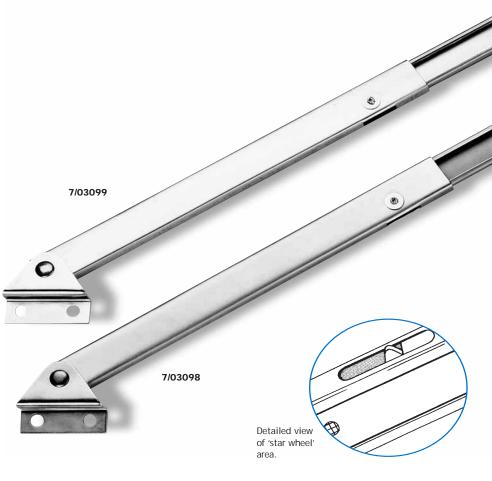
A smaller, lower handle, which in standard version has a recessed hexagon-form to accept 'Wilmot Breeden'-style window regulators.

9/01701(splined core model)

A special version has 'male' splined core to suit AC-Delco window regulators. Ask for drawing







SUPPORT STAYS 'STAR-WHEEL' RELEASE

This range of extensible stays provides a simple, inexpensive and long-lasting method of supporting top-hinged doors and hatches. The 'star-wheel' design allows automatic release - useful where two stays are fitted on a very wide panel. Many options are available.

ORDERING CODE

7/03098 Stay, 290/495 mm, 2 brackets **7/03099** Stay, 290/495 mm, bottom bracket only

9/00557 Stay, 290/495 mm, no brackets

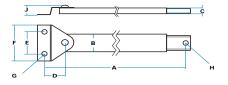
9/00006 Stay, as 7/03099, with thumb-screw



Thumb-screw fitment

A weld-nut is fitted in the outer slide, so that the thumb-screw can be tightened, thus locking the stay at any intermediate position.

SPECIFICATION



Α	Length between centres, closed	290	mm
	extended	495	mm
В	Max. Width (outer)	25	mm
С	Max. Depth (outer)	12	mm
D	Location (bottom)	28	mm
E	Hole centres	35	mm
F	Bracket width	57	mm
G	Hole sizes (diameter)	9	mm
Н	Hole size (diameter)	6	mm
J	Bracket height	14	mm
No	Note: Standard bracket shown is 7/03094, full		

dimensions on page C16

سکر

Stay extends as door is opened, and locks in the extended position. It is automatically released by a further slight extension, allowing unit to be closed.



Clear zinc-plated. To special order black zinc-plated.



Standard brackets (7/03094) as illustrated for plant-on fitting.



Mild steel throughout



7/03099 is a direct alternative to Jagger 2522/001



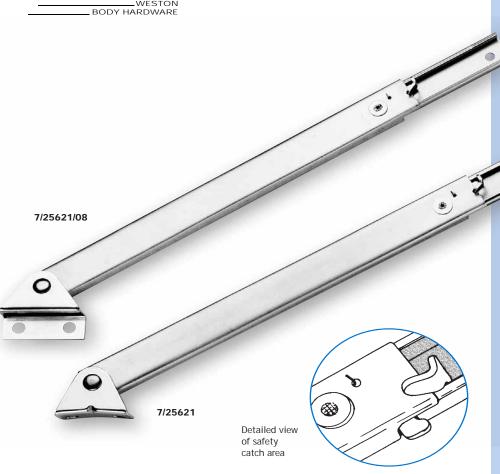
- Special lengths
- Alternative brackets
- Thumb-screw fitment (illustrated)
- Weld-studs on stay sections for concealed fixing



T 0 3 2 0 - 2 8 6 1 7 1 | www.auerhaan-lelystad.nl Reken op ons.







SUPPORT STAYS 'SAFETY CATCH' RELEASE

The standard models illustrated are representative of a family of stays for top-hinged doors and hatches. The 'safety-catch' design means the stay must be manually released - a useful precaution against vibration or accidental closure.

ORDERING CODE

7/25621	Stay, 285/470 mm, 2 brackets	
7/25621/08	Stay, 285/470 mm, with base bracket (7/03094) special.	

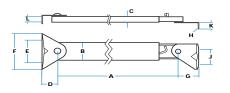
7/35838	Stay, 340/585 mm, no brackets
7/35838/01	Stay, 340/585 mm, with base bracket (7/03094) only.

7/35839	Stay, 210/335 mm, no brackets
7/35843	Stay, 285/425 mm, no brackets
7/35864	Stay, 340/530 mm, no brackets

Note: Standard brackets shown are 7/09514 (top) and 7/21194 (bottom). Bottom bracket has radiused base and elongated fixing holes for adjustment.

When supplied without brackets, top & bottom sections have mounting holes at 6mm diameter

SPECIFICATION



(Standard model 7/25621 shown)

A	Length between centres, closed	285 mm
	extended	470 mm
В	Max. Width (outer)	25 mm
С	Max. Depth (outer)	12 mm
D	Location (bottom)	23 mm
Ε	Hole centres (bottom)	32 mm
F	Bracket width (bottom)	57 mm
G	Location (top)	23 mm
Н	Hole sizes (diameter)	5 mm
J	Hole centres (top)	19 mm
K	Location (top)	9 mm
L	Location (bottom)	13 mm



Stay extends as door is opened, and locks in the extended position. The safety catch must be depressed manually before it will close.



Clear zinc-plated. To special order, black zinc-plated.



Standard brackets as illustrated for plant-on fitting.



Mild steel throughout



- Special lengths (see models listed)
- Alternative brackets
- Weld-studs on stay sections for concealed fixing.

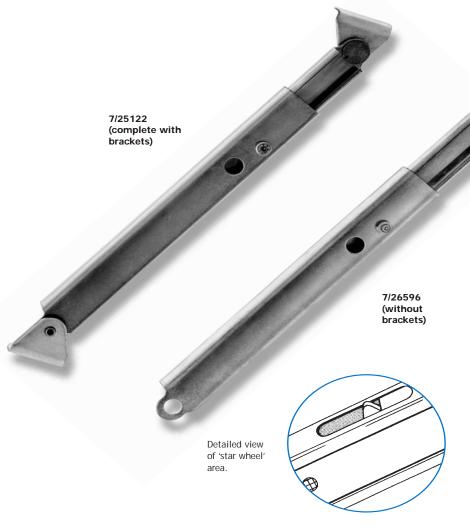




T 0320 - 28 61 71 | www.auerhaan-lelystad.nl Reken op ons.







'MINIATURE' **SUPPORT STAYS** ('STAR-WHEEL' **RELEASE)**

These miniaturised versions of our standard stays use a section width of 9 mm x 19 mm, making them less obtrusive and suitable for smaller installations. The 'star-wheel' design allows automatic release useful where two stays are fitted.

Applications include electrical cabinets, instrument cases, inspection windows and ski-boxes. Many options are available.

ORDERING CODE

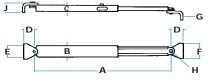
7/25122 'Miniature' stay, 2 brackets 7/25122/01 'Miniature' stay, brackets reversed 7/25122/02 'Miniature' stay with thumbscrew 7/26596 'Miniature' stay, no brackets 7/26596/02 'Miniature' stay with thumbscrew



Thumb-screw fitment (7/26596/02)

A weld-nut is fitted in the outer slide, so that the thumb-screw can be tightened, thus locking the stay at any intermediate position.

SPECIFICATION



A	Length between centres, closed	152 mm		
	extended	239 mm		
В	Max width (outer)	19 mm		
С	Max depth (outer)	9 mm		
D	Location	16 mm		
Ε	Hole centres	13 mm		
F	Bracket width	24 mm		
G	Hole sizes (diameter)	3.5 mm		
Н	Hole sizes (7/26596)	dia. 10 mm		
J	Bracket height	13 mm		
Note: Standard bracket shown is 7/25135				

Stay extends as door is opened, and locks in the extended position. It is automatically released by a further slight extension, allowing unit to be closed.



Clear zinc-plated. To special order, black zinc-plated.



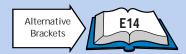
Standard brackets (7/25135) as illustrated for plant-on fitting.



Mild steel throughout.



- Special lengths
- Alternative brackets
- Thumb-screw fitment (illustrated)



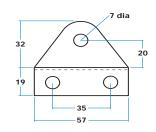
T 0320 - 28 61 71 | www.auerhaan-lelystad.nl Reken op ons.

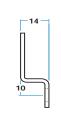






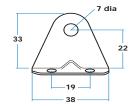
Standard bracket with stay 7/03098-9, with double-raised base. Symmetrical. Material: 1.6 mm mild steel, bright zincplated. Base mounting holes 8 mm dia.

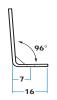






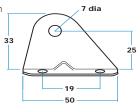
Symmetrical bracket, narrow base and strengthening rib and inclined face. Material: 1.6 mm mild steel, bright zinc-plated. Base mounting holes 5.5 mm dia

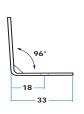


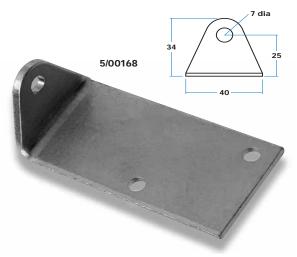


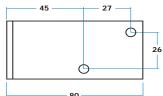


Asymmetric bracket with wide base and elongated holes, with strengthening rib and inclined face.
Material: 1.6 mm mild steel, bright zinc-plated.
Base mounting holes 6 x 9 mm elongated.









Large bracket to spread load over wider area, acting as a structural member.

Material: 3 mm mild steel, bright zincplated. Base mounting holes 5.5 mm dia.

ALTERNATIVE BRACKETS - SUPPORT STAYS

These brackets can be fitted as alternatives to any of our support stays with 12 mm x 25 mm section, either to the outer face of the section (as normal) or reversed. Special brackets can be created where volume production is involved.





Platinastraat 21 8211 AR Lelystad Postbus 22 8200 AA Lelystad

T 0320 - 28 6171 | lelystad@auerhaan.nl F 0320 - 28 6170 | www.auerhaan-lelystad.nl



