

greenteQ Window & Door Hardware & Ancillaries

Issue 5

greenteQ



Insist on greenteQ - A word from our MD, Simon Monk



Welcome to Issue 5 of the greenteQ catalogue.

greenteQ is the 'own brand' product range of VBH, the largest specialist retailer of window and door hardware and accessories in Europe.

The greenteQ range has been developed by our own team of very experienced engineers and designers, and all products are designed to be attractive to the end user, and to be easy to fit with both the fabricator and installer very much in mind.

The range is designed to meet and exceed the highest relevant performance measures of the industry, in particular the PAS 24 security standard, which leads on to the Building Regulations Approved Document Q that is vital for those engaged in the new build market.

greenteQ designers always seek to include feedback from systems companies and fabricators during the design process to ensure profile compatibility and fabricator-friendliness as well as great performance throughout the life time of the product.

There have been many additions to the greenteQ range since we published Issue 4 of the catalogue, including

- **Aspire furniture for lift / slide patios**
- **A comprehensive range of finger pulls and escutcheons**
- **New hinges for composite and flush doors**
- **Q-vent window vents**
- **New colour options including Enduro Steel, Brushed Graphite and Antique Black**
- **PAS24 solutions for bi-fold and slide & fold doors**
- **The Q-secure guarantee**

Constant innovation is the driver for our greenteQ team, and they are constantly looking for new ways to make our customers' lives easier. This is why we are proud to say #INNOVATIONwithoutlimits when writing about greenteQ.

I hope that you find the catalogue to be of use, and remember, insist on greenteQ.

Yours faithfully

PS: Take a look at www.greenteq.info to see the full European greenteQ range. All these products are also available to you

The VBH Group

VBH is the largest retailer of window and door hardware, with a head office near Stuttgart in southern Germany.

VBH is present in countries across the globe and has a dedicated design and development team for greenteQ, as well as manufacturing partners across Europe and Asia.

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Door Hardware

(for PVCu, timber, aluminium and composite doors)

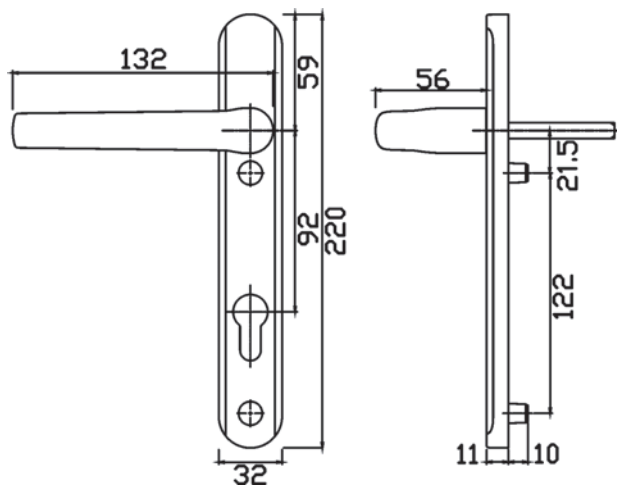


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Alpha Lever/Lever - Short Backplate



Alpha Lever/Lever - Long Backplate



92PZ

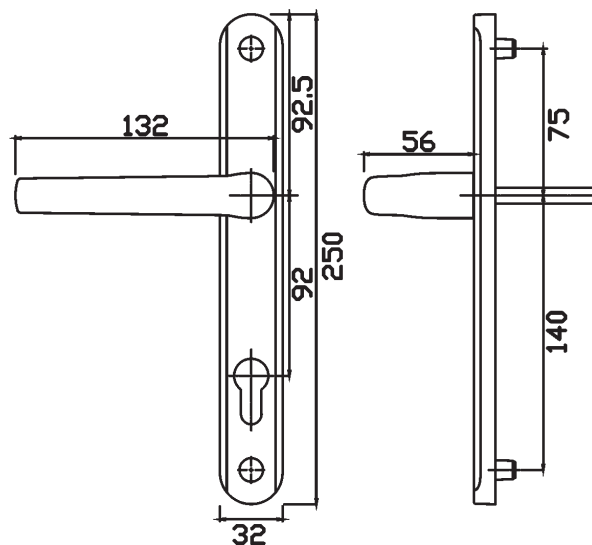
Unsprung levers

Up to 72mm door thickness

Flange around trigger hole for gap elimination

M6 screws for added strength

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB0001	12
Black (RAL9005)	2QHB0004	12
Anthracite Grey (RAL7016)	2QHB0010	12
Silber Grey (RAL7040)	2QHB0009	12
PVD Gold	2QHB0005	12
Polished Chrome	2QHB0006	12
Satin Chrome	2QHB0007	12
Smoky Chrome	2QHB0008	12
Enduro Steel	2QHB0002	12
Antique Black	2QHB0003	12



92PZ

Sprung levers

Up to 72mm door thickness

Flange around trigger hole for gap elimination

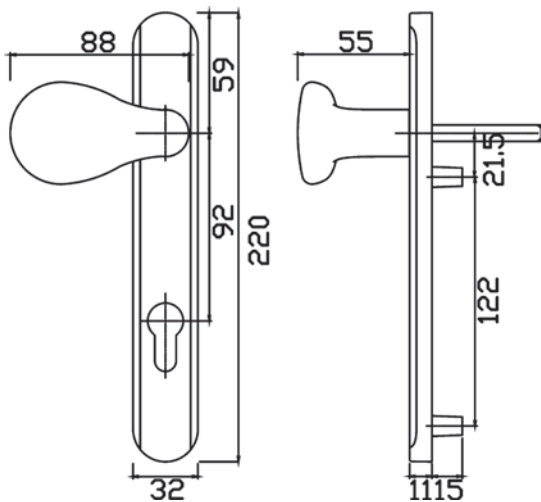
M6 screws for added strength

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB0121	12
Black (RAL9005)	2QHB0124	12
Anthracite Grey (RAL7016)	2QHB0130	12
Silber Grey (RAL7040)	2QHB0129	12
PVD Gold	2QHB0125	12
Polished Chrome	2QHB0126	12
Satin Chrome	2QHB0127	12
Smoky Chrome	2QHB0128	12
Enduro Steel	2QHB0122	12
Antique Black	2QHB0123	12

Door Handles



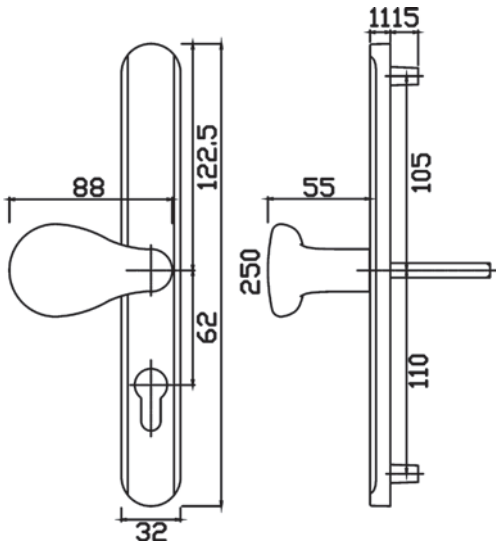
Alpha Lever/Turn Pad - Short Backplate



92PZ
Unsprung lever and pad
Up to 72mm door thickness
Flange around cylinder hole for gap elimination
M6 screws for added strength

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB0041	12
Black (RAL9005)	2QHB0044	12
PVD Gold	2QHB0045	12
Polished Chrome	2QHB0046	12
Satin Chrome	2QHB0047	12
Smoky Chrome	2QHB0048	12

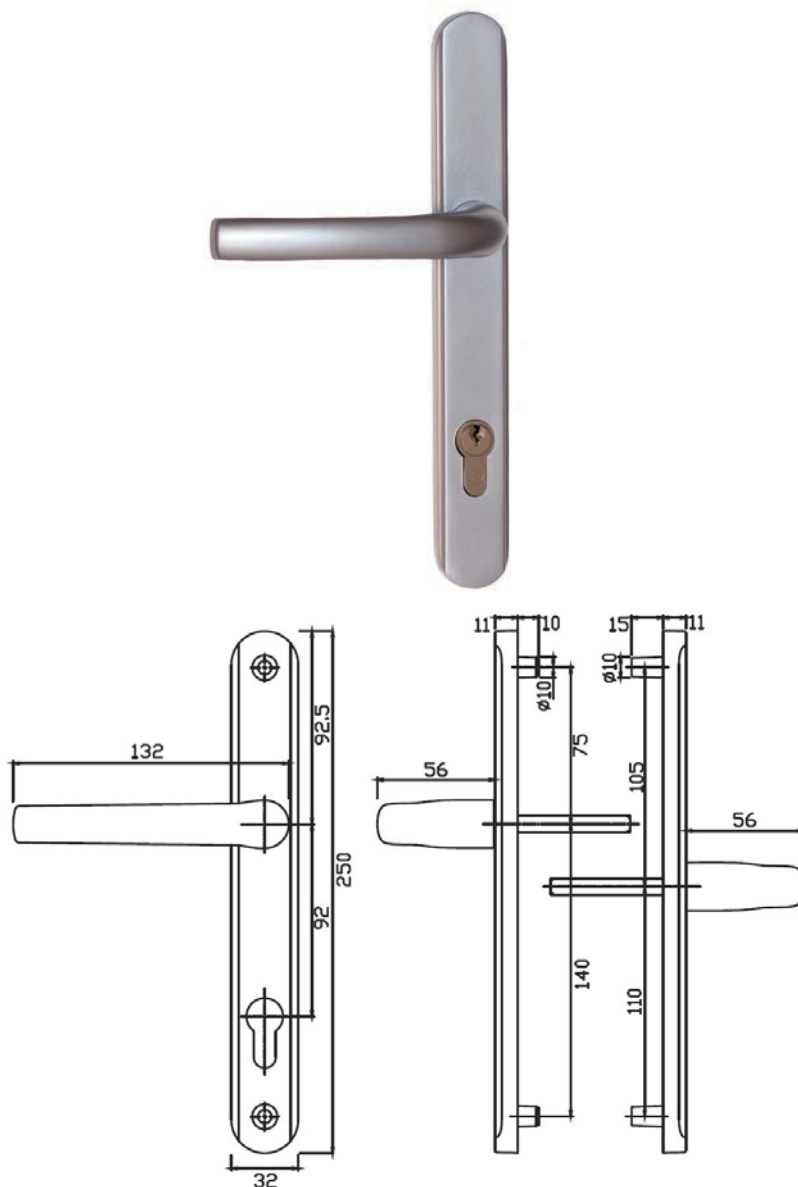
Alpha Lever/Offset Turn Pad - Long Backplate



92/62PZ
Sprung lever and pad
Up to 72mm door thickness
Flange around cylinder hole for gap elimination
M6 screws for added strength

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB0161	12
Black (RAL9005)	2QHB0164	12
PVD Gold	2QHB0165	12
Polished Chrome	2QHB0166	12
Satin Chrome	2QHB0167	12
Smoky Chrome	2QHB0168	12
Enduro Steel	2QHB0162	12
Antique Black	2QHB0163	12

Alpha Lever/Offset Lever - Long Backplate



92/62PZ

Sprung levers

External lever is offset to 62mm PZ

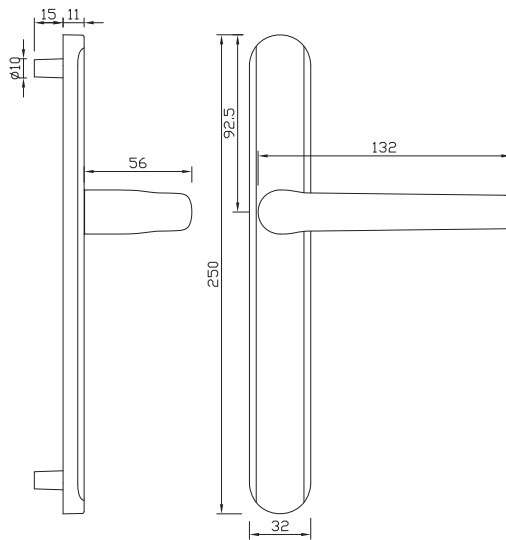
Up to 72mm door thickness

Flange around cylinder hole for gap elimination

M6 screws for added strength

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB0171	12
Black (RAL9005)	2QHB0174	12
PVD Gold	2QHB0175	12
Polished Chrome	2QHB0176	12
Satin Chrome	2QHB0177	12
Smokey Chrome	2QHB0178	12

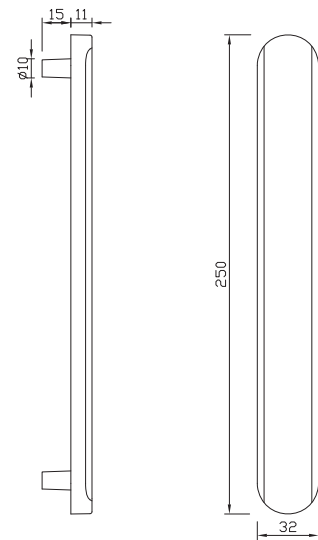
Alpha External Handle Without Cylinder Hole - Long Backplate



2 screw fix single external backplate with lever
No cylinder hole
Works with standard long backplate lever/lever where no

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB0131	12
Black (RAL9005)	2QHB0134	12
Anthracite Grey (RAL7016)	2QHB0140	12
PVD Gold	2QHB0135	12
Polished Chrome	2QHB0136	12
Satin Chrome	2QHB0137	12

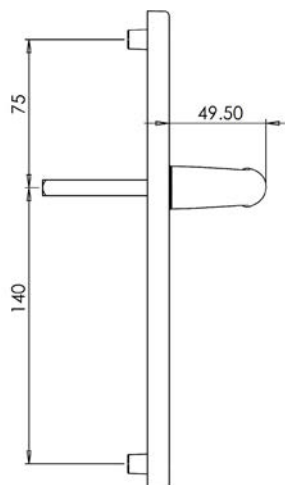
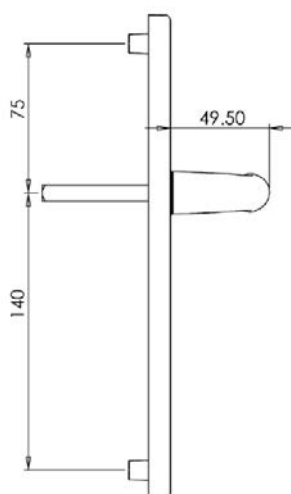
Alpha Blank External Backplate - Long



2 screw fix single backplate
Completely blank external backplate (no cylinder hole or lever)
Works with standard long backplate lever/lever where no external
handle or cylinder is required

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB0111	6
Black (RAL9005)	2QHB0114	6
Anthracite Grey (RAL7016)	2QHB0120	6
PVD Gold	2QHB0115	6
Polished Chrome	2QHB0116	6
Satin Chrome	2QHB0117	6

Alpha Slim Lever/Lever Handle Sets



92PZ

26mm backplate allows fitting to slim sashes without clashing or overhang

Swept lever stands off backplate by only 49.5mm to avoid clashing with outer frame

Same door prep as greenteQ Alpha, Coastline and 3rd party handles

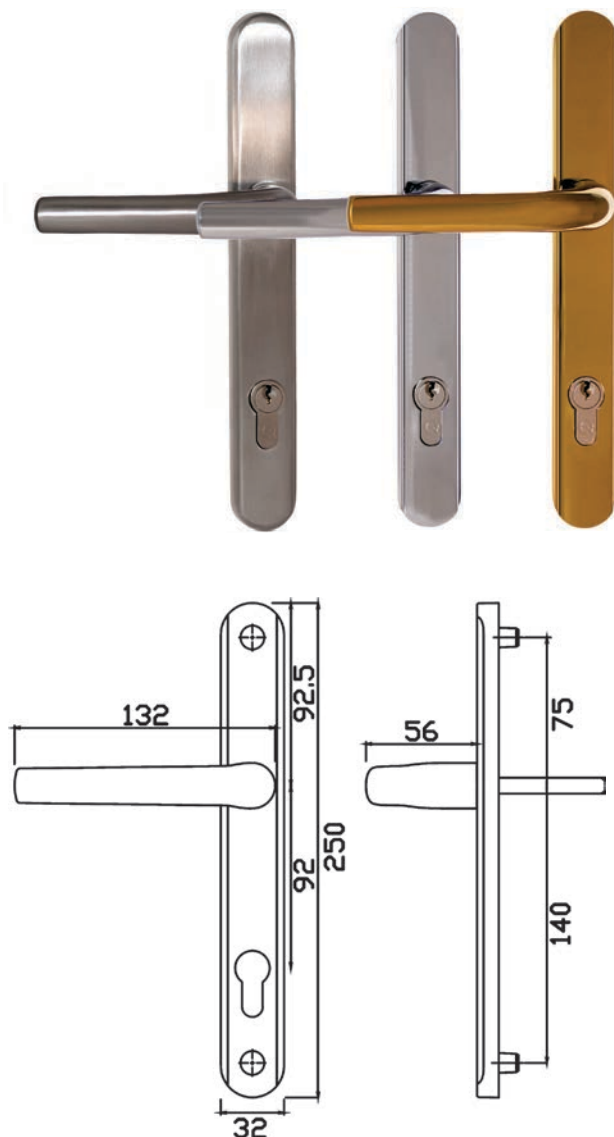
Supplied with spring **a** ssettes

Available in 5 colours of the greenteQ Suite

Covered by the 10 year greenteQ Guarantee

Finish	VBH Code	Box Qty
White RAL 9016	2QHB0321	12
Black RAL 9005	2QHB0324	12
Anthracite Grey RAL 7016	2QHB0330	12
Polished Chrome	2QHB0326	12
Satin Chrome	2QHB0327	12

Coastline Lever/Lever - Long Backplate



Grade 304 stainless steel construction for exceptional corrosion resistance

92PZ to suit most door locks

2 screw fix

Supplied with spring assemblies

Up to 72mm door thickness

M6 screws for added strength

Non-handed

25 Year Guarantee

Finish	VBH Code	Box Qty
PVD Gold	2QHB0825B	12
Polished Stainless Steel	2QHB0827B	12
Brushed Stainless Steel	2QHB0829B	12

Alpha Split Spindles

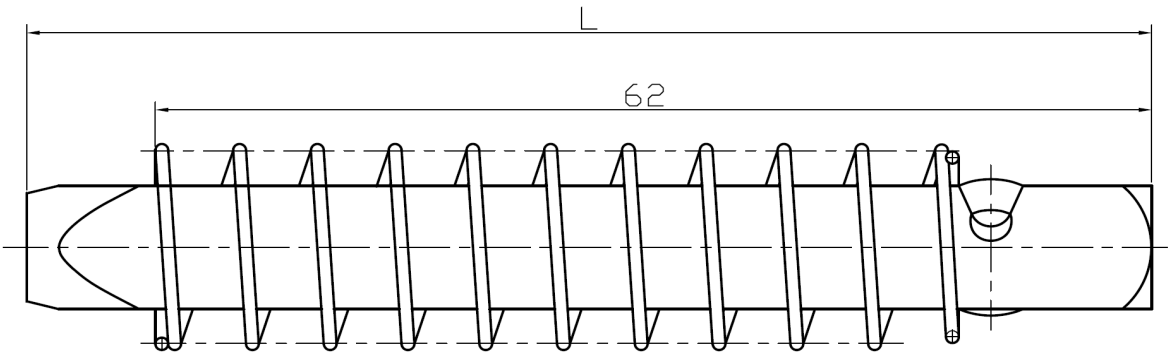
greenteQ Alpha Split Spindles are used in conjunction with split spindle door locks, usually on residential front doors.

They allow the lock to be operated from the inside as a standard lift/lever lock where the latch is retracted by pushing down the lever.

However, on the outside of the door, the spindle locates into the half follower that does not retract the latch, so the latch can only be retracted using a key.

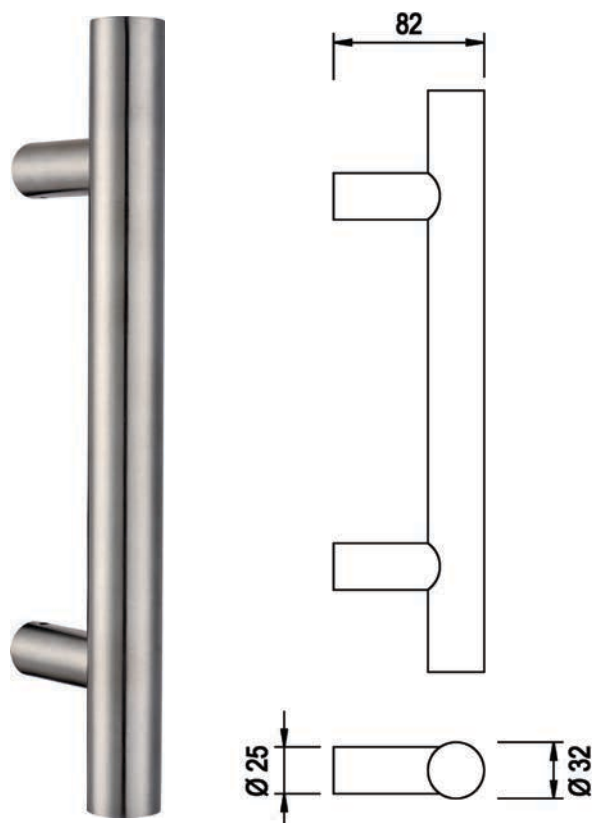
This provides a degree of security if the door is closed but not locked. However, the door must be fully locked by lifting the handle and locking the profile cylinder for full security.

greenteQ Alpha Split Spindles work with most lock and handle combinations. The required lengths will vary according to which profile and handle are used.



Description	Dimension L (mm)	VBH Code	Box Qty
Single Alpha Split Spindle	50	2QHB0231	50
Single Alpha Split Spindle	55	2QHB0232	50
Single Alpha Split Spindle	60	2QHB0233	50
Single Alpha Split Spindle	65	2QHB0234	50
Single Alpha Split Spindle	70	2QHB0235	50

TG 10.ER.GS



Matt brushed stainless steel construction (grade 1.4301)

Can be used on its own or fixed back to back in pairs

Suitable for interior & exterior use

Diameter of handle tube: 32mm

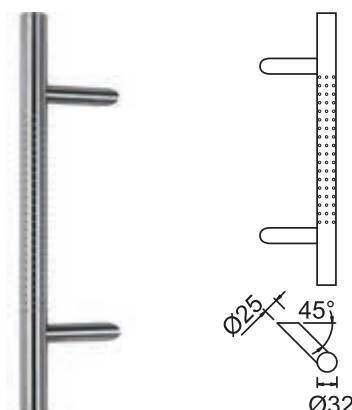
Diameter of legs: 25mm

Available with 90° or 45° legs

BA15 fixing pack dependent on door material and application to be ordered separately (see page 16 for options)

Overall Length/Fixing Centres	90° Legs	45° Legs	Box Qty
330mm/210mm	2QHB3010	2QHB3070	1
400mm/300mm	2QHB3011	2QHB3071	1
500mm/300mm	2QHB3012	2QHB3072	1
600mm/400mm	2QHB3013	2QHB3073	1
800mm/560mm	2QHB3014	2QHB3074	1
1000mm/700mm	2QHB3015	2QHB3075	1
1200mm/900mm	2QHB3016	2QHB3076	1
1400mm/1000mm	2QHB3017	2QHB3077	1
1600mm/1200mm	2QHB3018	2QHB3078	1
1800mm/1300mm	2QHB3019	2QHB3079	1

TG 11.ER.GS 45°



Matt brushed stainless steel construction (grade 1.4301)

Can be used on its own or fixed back to back in pairs

Suitable for interior & exterior use

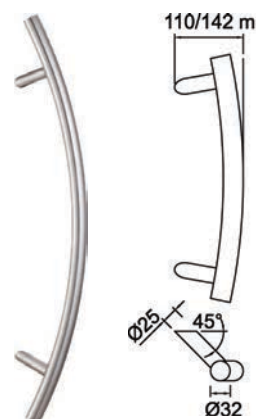
Diameter of handle tube: 32mm

Diameter of legs: 25mm

BA15 fixing pack dependent on door material and application to be ordered separately (see page 16 for options)

Overall Length/Fixing Centres	VBH Code	Box Qty
400mm/300mm	2QHB3020	1
500mm/300mm	2QHB3021	1
600mm/400mm	2QHB3022	1

TG 12.ER



Matt brushed stainless steel construction (grade 1.4301)

Can be used on its own or fixed back to back in pairs

Suitable for interior & exterior use

Diameter of handle tube: 32mm

Diameter of legs: 25mm

Available with standard 90° and 45° legs

BA15 fixing pack dependent on door material and application to be ordered separately (see page 16 for options)

Overall Length/Fixing Centres	Width at Widest Point of Curve (90°/45° versions)	90° Legs	45° Legs	Box Qty
400mm/300mm	52/110mm	2QHB3023	2QHB3025	1
800mm/695mm	117/142mm	2QHB3024	2QHB3026	1

Coastline Oval Profile - Straight



Matt brushed stainless steel construction (grade 1.4301)
 Attractive 45 x 26mm oval profile
 Can be used on its own or back to back in pairs
 30 x 19mm legs
 Relevant Fixing Kits to be ordered separately
 (See page 16)

Length	VBH Code	Box Qty
400mm	2QHB3092	1
800mm	2QHB3095	1
1200mm	2QHB3097	1
1600mm	2QHB3099	1

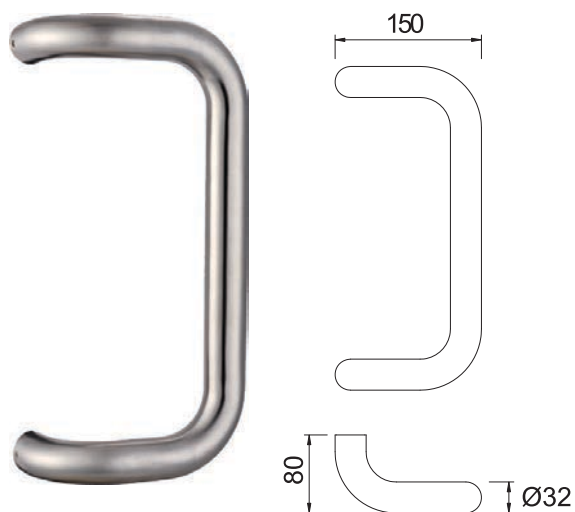
Coastline Oval Profile - Angled



Matt brushed stainless steel construction (grade 1.4301)
 Attractive 45 x 26mm oval profile
 Can be used on its own or back to back in pairs
 Angled fixing brackets offset pull handle by 72mm
 Relevant Fixing Kits to be ordered separately
 (See page 16)

Length	VBH Code	Box Qty
400mm	2QHB3102	1
800mm	2QHB3105	1
1200mm	2QHB3107	1
1600mm	2QHB3109	1

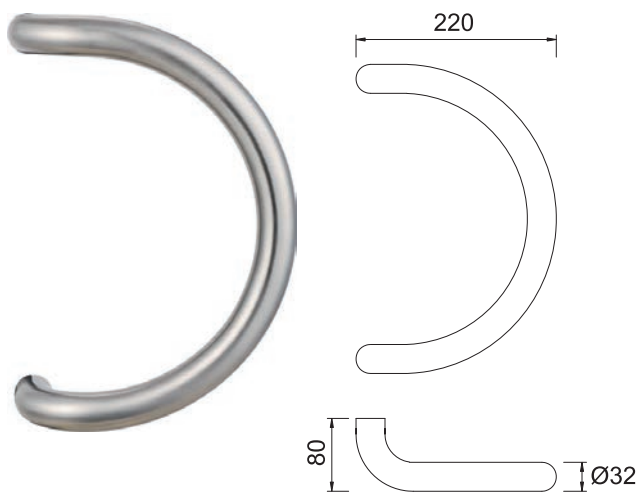
TG 10.ER.GKL



Matt brushed stainless steel construction (grade 1.4301)
 Can be used on its own or fixed back to back in pairs
 Suitable for interior & exterior use
 Diameter of handle tube: 32mm
 BA15 fixing pack dependent on door material and application to be ordered separately (see page 16 for options)

Height	Width at Widest Point	VBH Code	Box Qty
300mm	150mm	2QHB3005	1
350mm	150mm	2QHB3006	1

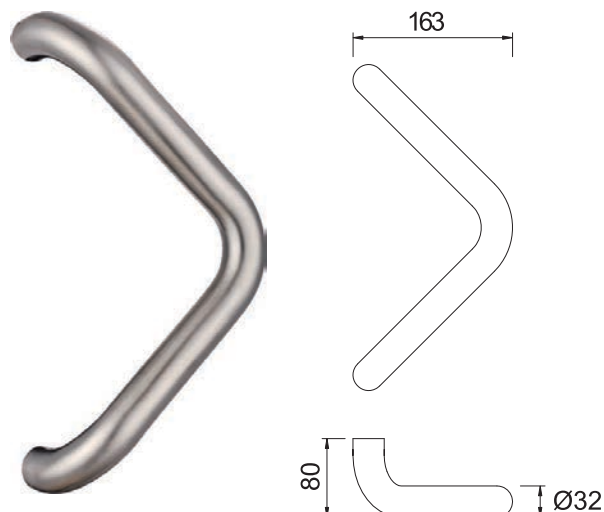
TG 10.ER.GKH



Matt brushed stainless steel construction (grade 1.4301)
 Can be used on its own or fixed back to back in pairs
 Suitable for interior & exterior use
 Diameter of handle tube: 32mm
 BA15 fixing pack dependent on door material and application to be ordered separately (see page 16 for options)

Height	Width at Widest Point	VBH Code	Box Qty
300mm	220mm	2QHB3003	1
350mm	220mm	2QHB3004	1

TG 10.ER.GKW



Matt brushed stainless steel construction (grade 1.4301)
 Can be used on its own or fixed back to back in pairs
 Suitable for interior & exterior use
 Diameter of handle tube: 32mm
 BA15 fixing pack dependent on door material and application to be ordered separately (see page 16 for options)

Height	Width at Widest Point	VBH Code	Box Qty
300mm	163mm	2QHB3001	1
350mm	163mm	2QHB3002	1

TG 10.ER.GB



Matt brushed stainless steel construction (grade 1.4301)
 Can be used on its own or fixed back to back in pairs
 Suitable for interior & exterior use
 Diameter of handle tube: 32mm
 BA15 fixing pack dependent on door material and application to be ordered separately (see page 16 for options)

Height	VBH Code	Box Qty
300mm	2QHB3007	1
350mm	2QHB3008	1

Fixing Kits for Pull Handles



Fixing Kits are used to fix greenteQ Pull Handles onto a variety of door materials

The correct kit should be selected according to Pull Handle, door material and whether the handle is used as a single or a back to back pair

BA 15.EUS.H/K/A



BA15 Type

For single sided INVISIBLE fixing

Fixing material: galanised steel

Door material: aluminium, timber (composite), PVCu

Bore diameter: 10mm

Suits handle types: TG 10, TG 11, TG 12

Supplied individually

Length	VBH No	Box Qty
20mm	2QHB3031	1 Piece
25mm	2QHB3032	1 Piece
30mm	2QHB3033	1 Piece
35mm	2QHB3034	1 Piece
45mm	2QHB3035	1 Piece
55mm	2QHB3036	1 Piece
60mm	2QHB3037	1 Piece
65mm	2QHB3038	1 Piece

BA 15.ES.H/K/A



BA15 Type

For single sided Thru-fixing

Fixing material: stainless steel, galanised steel & brass

Door material: aluminium, timber (composite), PVCu

Door thickness: up to 80mm

Suits handle types: TG 10, TG 11, TG 12

Supplied in a set of 2

Description	VBH No	Box Qty
Fixing Kit	2QHB3029	1 Set

BA 15.ES.G



BA15 Type

For single sided Thru-fixing

Fixing material: galanised steel, brass & plastic

Door material: glass

Door thickness: 8 - 12mm

Bore diameter: 13mm

Suits handle types: TG 10, TG 11, TG 12

Supplied in a set of 2

Description	VBH No	Box Qty
Fixing Kit for Glass	385.333/0002	1 Set

BA 15.EU.H



BA15 Type

For single sided INVISIBLE fixing

Fixing material: galanised steel & brass

Door material: timber (composite)

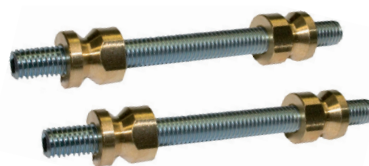
With Rampa-bushing M8/14.5 x 25mm

Suits handle types: TG 10, TG 11, TG 12

Supplied in a set of 2

Description	VBH No	Box Qty
Fixing Kit	2QHB3028	1 Set

BA 15.PR.H/K/A



BA15 Type

For back to back fixing

Fixing material: galanised steel & brass

Door material: aluminium, timber (composite), PVCu

Door thickness: up to 80mm

Bore diameter: M8

Suits handle types: TG 10, TG 11, TG 12

Supplied in a set of 2

Description	VBH No	Box Qty
Fixing Kit	2QHB3030	1 Set

BA 15.PR.G



BA15 Type

For back to back fixing

Fixing material: galanised steel, brass & plastic

Door material: glass

Door thickness: 8 - 12mm

Bore diameter: 13mm

Suits handle types: TG 10, TG 11, TG 12

Supplied in a set of 2

Description	VBH No	Box Qty
Fixing Kit for Glass	385.333/0001	1 Set

Escutcheons

Security Escutcheon Pair ZA PZ 14mm ER



Matt brushed stainless steel (grade 1.4301)

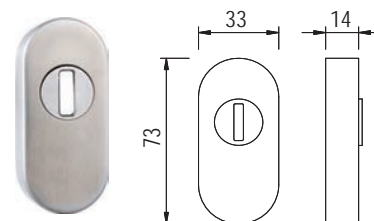
Internal dimensions: 8 x 52mm diameter

Door thickness: 67 - 72mm

Supplied as a pair of complete with 2 No. M6 x 80mm screws

Description	VBH Code	Box Qty
Escutcheon Pair	2QHB3500	10 Pr

Sliding Escutcheon with Cylinder Cover ZA Oval 14mm ER



greenteQ escutcheon with cylinder cover for entrance doors, to combine with pull handles and lever handles

14mm thick for 5-10mm cylinder protrusion

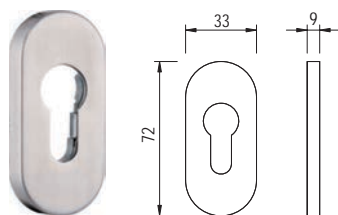
Matt brushed stainless steel

PZ hole

Screws not included

Description	VBH Code	Box Qty
Escutcheon	2QHB3508	10

Escutcheon Oval 9mm ER



greenteQ escutcheon for entrance doors, to combine with pull handles and lever handles

9mm thick

Sliding plate with matt brushed stainless steel clip-on cover

PZ hole

Screws not included

Description	VBH Code	Box Qty
Escutcheon	2QHB3510	10

Sliding Escutcheon PZ 10mm ER



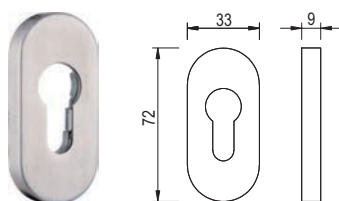
Matt brushed stainless steel (grade 1.4301)

Dimensions: 30 x 70 x 10mm

Supplied individually

Description	VBH Code	Box Qty
Escutcheon	2QHB3520	10

Clip-on Escutcheon PZ Oval 8mm ER



Clip on greenteQ escutcheons for entrance doors, to combine with pull handles and lever handles

9mm thick

Matt brushed stainless steel

PZ hole

Screws not included

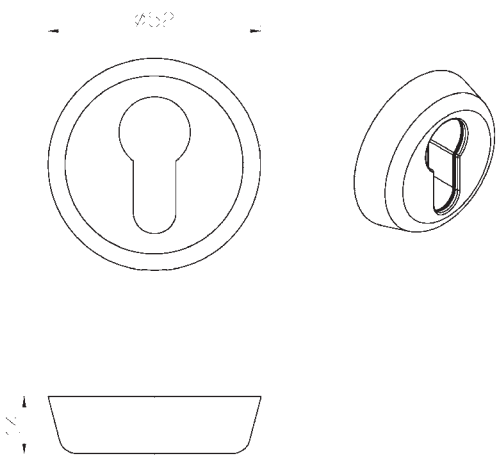
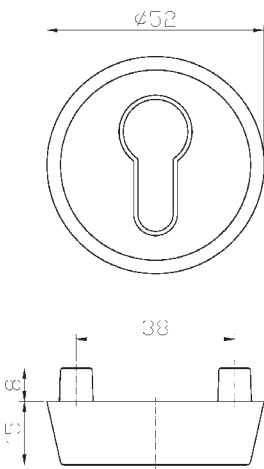
Description	VBH Code	Box Qty
Escutcheon	2QHB3511	10

Circular Escutcheons



External

Internal



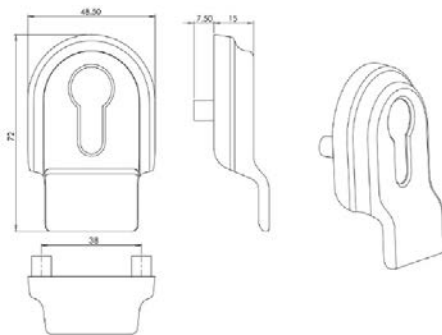
Mix and match colours and product on same door - no waste
Mix and match with cylinder pulls on same door - no waste
Flange prevents cylinder removal
Attractive chamfer detail aids security
Through fix from inside with colour-matched fixings
6 attractive finishes - part of the greenteQ Suite of colour matched door and window furniture
Covered by the 10 year greenteQ guarantee

Description	VBH Code	Box Qty
External White RAL 9016	2QDF0241	10
External Black RAL 9005	2QDF0244	10
External PVD Gold	2QDF0245	10
External Polished Chrome	2QDF0246	10
External Polished Stainless Steel	2QDF0248	10
External Brushed Stainless Steel	2QDF0249	10
Internal White RAL 9016	2QDF0261	10
Internal Black RAL 9005	2QDF0264	10
Internal PVD Gold	2QDF0265	10
Internal Polished Chrome	2QDF0266	10
Internal Polished Stainless Steel	2QDF0268	10
Internal Brushed Stainless Steel	2QDF0269	10

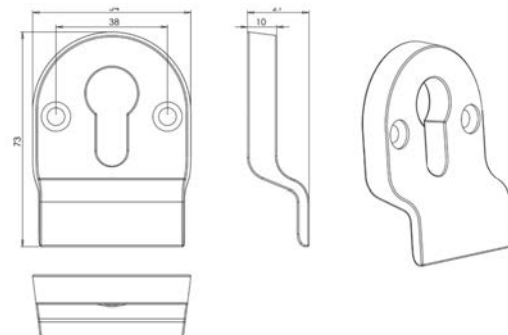
Cylinder Pulls



External



Internal



Prevents misuse of key or other furniture

Mix and match colours on same door - no waste

Mix and match with Circular Escapements on same door - no waste

Flange prevents cylinder removal

Through fix from inside with colour-matched fixings

6 attractive finishes - part of the greenteQ Suite of colour matched door and window furniture

Covered by the 10 year greenteQ guarantee

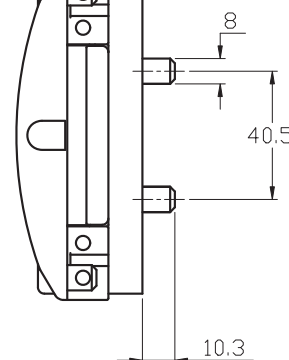
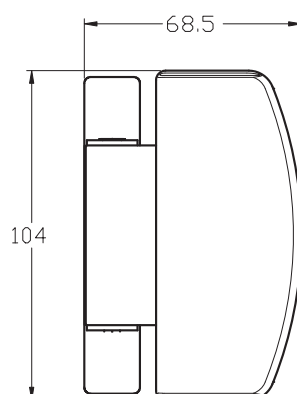
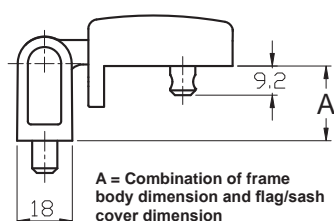
Description	VBH Code	Box Qty
External White RAL 9016	2QDF0201	10
External Black RAL 9005	2QDF0204	10
External PVD Gold	2QDF0205	10
External Polished Chrome	2QDF0206	10
External Polished Stainless Steel	2QDF0208	10
External Brushed Stainless Steel	2QDF0209	10
Internal White RAL 9016	2QDF0221	10
Internal Black RAL 9005	2QDF0224	10
Internal PVD Gold	2QDF0225	10
Internal Polished Chrome	2QDF0226	10
Internal Polished Stainless Steel	2QDF0228	10
Internal Brushed Stainless Steel	2QDF0229	10

Hinges for Rebated Doors



greenteQ

Sigma Hybrid Hinge for Rebated Doors



Ample 3D adjustment
80Kg sash weight
13-28mm sash upstand (no frame packers)
14 colours to match greenteQ suite (See following page for details of 7 more exciting colours)
Suits inward and outward opening doors
Only 5 main components

Description	White RAL9016	Brown RAL8019	Tan RAL8003	Black RAL9005	PVD Gold	Polished Chrome	Satin Chrome	Smokey Chrome	Box Qty
Frame Body 16.5mm	2QHH0001	2QHH0002	-	-	2QHH0005	2QHH0006	2QHH0007	2QHH0008	50
Frame Body 20.5mm	2QHH0021	2QHH0022	2QHH0023	2QHH0024	2QHH0025	2QHH0026	2QHH0027	2QHH0028	50
Frame Body 24.5mm	-	2QHH0032	2QHH0033	2QHH0034	2QHH0035	2QHH0036	2QHH0037	-	50
Description	White RAL9016	Brown RAL8019	Tan RAL8003	Black RAL9005	PVD Gold	Polished Chrome	Satin Chrome	Smokey Chrome	Box Qty
Flag/Sash Cover +/-0.5mm	2QHH0041	2QHH0042	2QHH0043	2QHH0044	2QHH0045	2QHH0046	2QHH0047	2QHH0048	50
Flag/Sash Cover +/-1.5mm	2QHH0061	2QHH0062	2QHH0063	2QHH0064	2QHH0065	2QHH0066	2QHH0067	2QHH0068	50
Flag/Sash Cover +/-2.5mm	2QHH0081	2QHH0082	2QHH0083	2QHH0084	2QHH0085	2QHH0086	2QHH0087	2QHH0088	50
Flag/Sash Cover +/-3.5mm	2QHH0101	2QHH0102	-	2QHH0104	-	2QHH0106	2QHH0107	2QHH0108	50

Sash Packers

Description	White RAL9016	Black RAL9005	Box Qty
45° Chamfer	2QHH0134	2QHH0144	500
50° Chamfer	2QHH0133	2QHH0143	500

Bespoke contoured sash packers are also available to suit a number of PVCu systems. Please contact VBH for details

Frame Packers

Description	VBH Code	Box Qty
White 1mm Packer	2QHH0130	100

Match the correct frame body and flag/sash cover for your profile
e.g. For an 18mm sash upstand select a 16.5mm frame body with a +/- 1.5mm flag/sash cover
Please note image shows assembled hinge

Fitting Jigs

Description	VBH Code	Box Qty
15mm Step Height	2QHH0121	1
20mm Step Height	2QHH0122	1

Sigma Hybrid Hinge for Rebated Doors (Sash & Frame Components Packed Together)



Select the correct VBH code by combining the upstand dimension and the +/- figure of the sash part

Hinge with 20.5mm Frame Bearing (**Select code according to profile upstand**)

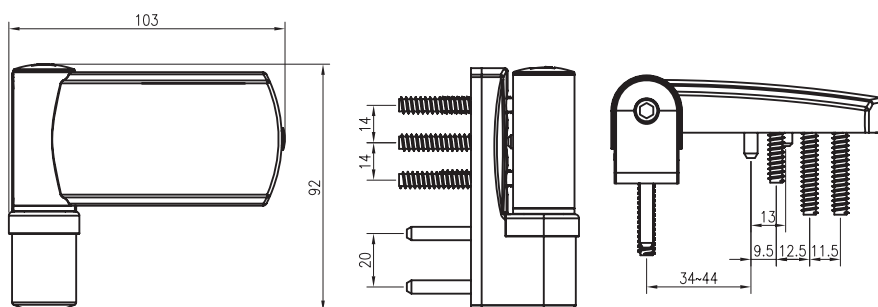
Colour	Upstand Variance	20-21mm Upstand	Upstand Variance	19-22mm Upstand
RAL9001 Cream	+/- 0.5mm	2QHH2081	+/- 1.5mm	2QHH2101
14-C-35 le plant Green**	+/- 0.5mm	2QHH2082	+/- 1.5mm	2QHH2102
RAL7016 Anthracite Grey	+/- 0.5mm	2QHH2083	+/- 1.5mm	2QHH2103
RAL7044 Silk Grey	+/- 0.5mm	2QHH2084	+/- 1.5mm	2QHH2104
RAL7033 Cement Grey	+/- 0.5mm	2QHH2085	+/- 1.5mm	2QHH2105
RAL1011 Brown Beige	+/- 0.5mm	2QHH2086	+/- 1.5mm	2QHH2106
RAL8017 Chocolate Brown	+/- 0.5mm	2QHH2087	+/- 1.5mm	2QHH2107

**Colour-match for Chartwell Green profiles

Sigma Flag Hinge



Max sash weight: 100Kg with 2 hinges
Lateral adjustment: +/-5mm
Height adjustment: +4/-1mm
Compression adjustment: +/-0.75mm
Complies with EN1935:2002
Adjustment gap 0.5mm
Allows 190° opening
Hinges are supplied with all covers and fixings



Uprand	White RAL9016	White** RAL9016	Brown RAL8019	Tan RAL8003	Black RAL9005	PVD Gold	Polished Chrome	Satin Chrome	Smokey Chrome	Box Qty
13.5-16.5mm*	2QDH0001	2QDH0061	2QDH0002	2QDH0003	2QDH0004	2QDH0005	2QDH0006	2QDH0007	2QDH0008	24
18.5-21.5mm*	2QDH0011	2QDH0071	2QDH0012	2QDH0013	2QDH0014	2QDH0015	2QDH0016	2QDH0017	2QDH0018	24

*Higher upstands can be catered for by fitting packers under the frame body
**Bulk trays of 24 hinges for easy handling on the work bench

Sigma Under Packers



Contoured packers have a flat base and contoured top to sit between hinge and profile.

If the door profile has an upstand greater than the contoured packer provides, a stackable packer can also be fitted to provide an additional 3mm between hinge and contoured packer.

Description	VBH Code	Box Qty
1mm Contoured Pack r White	2QDH0021	100
2mm Contoured Pack r White	2QDH0022	100
3mm Contoured Pack r White	2QDH0023	100
4mm Contoured Pack r White	2QDH0024	100
5mm Contoured Pack r White	2QDH0025	100
3mm Stackable Pack r White	2QDH0029	100
1mm Contoured Pack r Black	2QDH0031	100
2mm Contoured Pack r Black	2QDH0032	100
3mm Contoured Pack r Black	2QDH0033	100
4mm Contoured Pack r Black	2QDH0034	100
5mm Contoured Pack r Black	2QDH0035	100
3mm Stackable Pack r Black	2QDH0039	100
2mm Contoured Pack r Tan	2QDH0042	100

Spares



Description	VBH Code	Box Qty
White Cover Pack	2QDH0054	1
Black Cover Pack	2QDH0055	1
Tan Cover Pack	2QDH0056	1
Fixing Screw Pack (40/28mm)	2QDH0053	1
Fixing Screw Pack (50/28mm)	2QDH0052	1

Fitting Jig



Description	VBH Code	Box Qty
Aluminium jig	2QDH0050	1
Plastic jig	2QDH0051	1

Sigma Face Fix Composite Door Hinge



Attractive slim appearance

Choice of +/- 2mm 1D-adjustable or standard versions

6 attractive finishes to match with greenteQ suited colours

Strong fixing points and 5 knuckle construction prevent hinge drop

Hinge point is pre-lubricated for exceptionally smooth action

Frame plate fits the standard Solidor prep

1D-Adjustable Version

Finish	VBH Code	Box Qty
White RAL 9016	2QCB0041	30
Black RAL 9005	2QCB0044	30
PVD Gold	2QCB0045	30
Polished Chrome	2QCB0046	30
Satin Chrome	2QCB0047	30
Brushed Nickel	2QCB0049	30

Standard Version

Finish	VBH Code	Box Qty
White RAL 9016	2QCB0031	30
Black RAL 9005	2QCB0034	30
PVD Gold	2QCB0035	30
Polished Chrome	2QCB0036	30
Satin Chrome	2QCB0037	30
Brushed Nickel	2QCB0039	30

Note: fixings are not supplied with the hinge

Coastline Stainless Steel Ball Bearing Butt Hinge



Radiused corners
Pre-lubricated ball bearings
Supplied in pairs with pozidrive screws
BS EN1935:2002 performance tested

Finish	Height (mm)	Width (mm)	Thickness (mm)	VBH Code	Box Qty
Polished Stainless Steel	102	76	3	2QMA0031	40 PR
Brushed Stainless Steel	102	76	3	2QMA0032	40 PR
Polished Stainless Steel Sea rity	102	76	3	2QMA0041	40 PR
Brushed Stainless Steel Sea rity	102	76	3	2QMA0042	40 PR

Kappa 6" Victorian Urn Door Knocker With & Without Hole



Finish	Without Hole	With Hole	Box Qty
White (RAL9016)	2QDF0001	2QDF0006	1
Black (RAL9005)	2QDF0002	2QDF0007	1
PVD Gold	2QDF0004	2QDF0009	1
Polished Chrome	2QDF0003	2QDF0008	1
Satin Chrome	2QDF0005	2QDF0010	1
Smoky Chrome	2QDF0021	2QDF0026	1
Enduro Steel	2QDF0022	2QDF0027	1
Antique Black	2QDF0023	2QDF0028	1

Kappa Door Viewers



Description	35-60mm	60-85mm	Box Qty
160° White (RAL9016)	2QDF0101	2QDF0111	1
160° Black (RAL9005)	2QDF0102	2QDF0112	1
160° PVD Gold	2QDF0104	2QDF0114	1
160° Polished Chrome	2QDF0103	2QDF0113	1
160° Satin Chrome	2QDF0105	2QDF0115	1

Kappa Slim Victorian Urn Door Knocker With & Without Hole



Finish	Without Hole	With Hole	Box Qty
White (RAL9016)	2QDF0011	2QDF0016	1
Black (RAL9005)	2QDF0012	2QDF0017	1
PVD Gold	2QDF0014	2QDF0019	1
Polished Chrome	2QDF0013	2QDF0018	1
Satin Chrome	2QDF0015	2QDF0020	1
Smoky Chrome	2QDF0031	2QDF0036	1
Enduro Steel	2QDF0032	2QDF0037	1
Antique Black	2QDF0033	2QDF0038	1

Kappa Door Viewer Inner Covers

Finish	VBH Code	Box Qty
Black (RAL9005)	2QDF0122	25/100
PVD Gold	2QDF0124	25/100
Polished Chrome	2QDF0123	25/100
Satin Chrome	2QDF0125	25/100

See page 27 for details of our Coastline Stainless Steel Door Knockers

Kappa Pony Tail Knocker



Finish	VBH No	Box Qty
PVD Gold	2QDF0084	1
Polished Chrome	2QDF0083	1
Satin Chrome	2QDF0085	1
Smoky Chrome	2QDF0086	1
Enduro Steel	2QDF0087	1
Antique Black	2QDF0088	1

Kappa Doctor Knocker



Finish	VBH No	Box Qty
PVD Gold	2QDF0064	1
Polished Chrome	2QDF0063	1
Satin Chrome	2QDF0065	1
Smoky Chrome	2QDF0066	1
Enduro Steel	2QDF0067	1
Antique Black	2QDF0068	1

Coastline Stainless Steel 6" Victorian Urn Knocker



Stainless Steel

25 Years



Finish	Without Hole	With Hole	Box Qty
PVD Gold	2QDF0154	2QDF0159	1
Polished Stainless Steel	2QDF0152	2QDF0157	1
Brushed Stainless Steel	2QDF0151	2QDF0156	1

Kappa Door Viewers



10 Years



Description	35-60mm	60-85mm	Box Qty
160° White (RAL9016)	2QDF0101	2QDF0111	1
160° Black (RAL9005)	2QDF0102	2QDF0112	1
160° PVD Gold	2QDF0104	2QDF0114	1
160° Polished Chrome	2QDF0103	2QDF0113	1
160° Satin Chrome	2QDF0105	2QDF0115	1

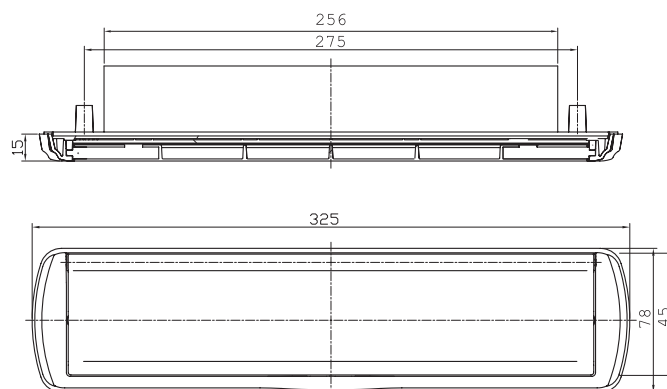
Kappa Door Viewer Inner Covers



10 Years

Finish	VBH Code	Box Qty
Black (RAL9005)	2QDF0122	25/100
PVD Gold	2QDF0124	25/100
Polished Chrome	2QDF0123	25/100
Satin Chrome	2QDF0125	25/100

Omega



All metal frame construction

Suits 40-80mm mid-rails and composite doors

Finishes suite with greenteQ furniture range

Features greenteQ groove on flaps and curved ends

Nylon brush seal to inside and weather seal to external flap

180° opening (both sides)

Supplied with M6 thru-fix screws or can be surface fixed

Cushioned closing action

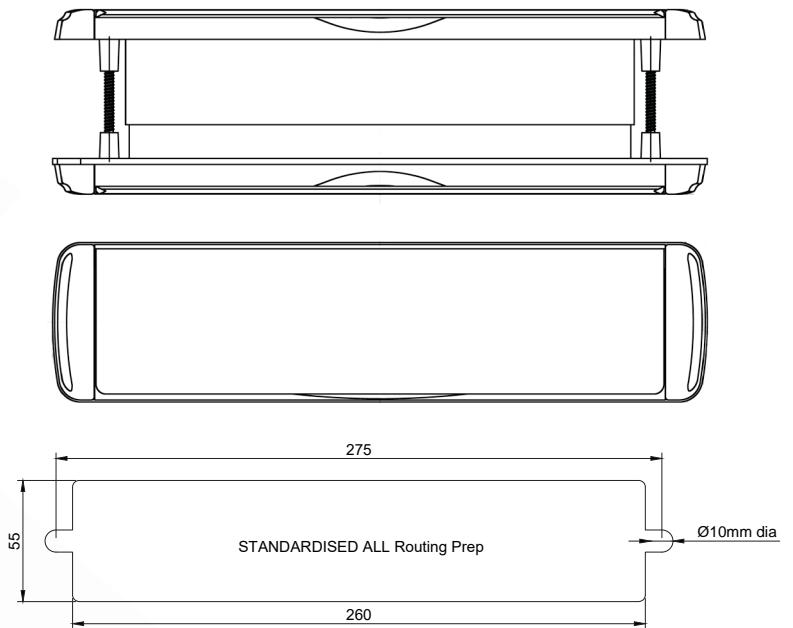
Overall size: 325 x 78mm

Internal Aperture: 249 x 38mm

Door Prep: 260 x 55mm

Finish	VBH Code	Box Qty
White (RAL9016)	2QBX0001	12
Black (RAL9005)	2QBX0004	12
PVD Gold	2QBX0005	12
Polished Chrome	2QBX0006	12
Satin Chrome	2QBX0007	12
PVD Smokey Chrome	2QBX0008	12
Enduro Steel	2QBX0002	12
Antique Black	2QBX0003	12

Coastline - Stainless Steel



Grade 304 stainless steel flaps for exceptional corrosion resistance
Over 1000 hours corrosion resistance (tested in accordance with BS EN 1670)
Hard wearing stainless steel springs ensure positive opening and closing for years to come
Both flaps open to a full 180°
Suits doors from 42-80mm thick
Draught proofing and integral brush provide full weather proofing
Supplied with 60mm and 80mm thru-fix screws or can be surface fixed
Overall size: 325 x 78mm
Door Prep: 260 x 55mm
Internal Aperture: 250 x 40mm
25 year guarantee

Finish	VBH Code	Box Qty
PVD Gold	2QBX0035	12
Polished Stainless Steel	2QBX0037	12
Brushed Stainless Steel	2QBX0039	12

Kappa

The greenteQ Suite of matching door, window and patio door furniture has now been expanded with the introduction of Kappa Numerals and Letters.

At 3" high, these are large enough to be seen, but small enough not to dominate.

Manufactured from stainless steel as standard, the parts are finished in 10 finishes, including brushed and polished stainless steel.

As well as Numerals, the Kappa range includes A, B, C and D Letters.

All products are supplied in a sealed bag complete with colour matched fixings.

Benefits at glance:

- Stainless steel construction
- 10 attractive finishes
- Part of the greenteQ Suite
- Numerals and letters (A-D)
- 10 year greenteQ mechanical and surface guarantee



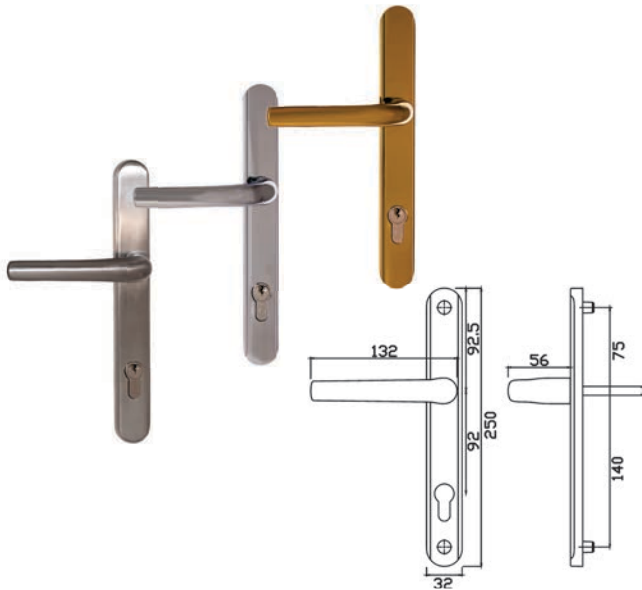
Numerals

Finish	1	2	3	4	5	6/9	7	8	0
White	2QDF0311	2QDF0321	2QDF0331	2QDF0341	2QDF0351	2QDF0361	2QDF0371	2QDF0381	2QDF0301
Black	2QDF0314	2QDF0324	2QDF0334	2QDF0344	2QDF0354	2QDF0364	2QDF0374	2QDF0384	2QDF0304
Anthracite Grey	2QDF0310	2QDF0320	2QDF0330	2QDF0340	2QDF0350	2QDF0360	2QDF0370	2QDF0380	2QDF0300
PVD Gold	2QDF0315	2QDF0325	2QDF0335	2QDF0345	2QDF0355	2QDF0365	2QDF0375	2QDF0385	2QDF0305
Satin Chrome	2QDF0317	2QDF0337	2QDF0337	2QDF0347	2QDF0357	2QDF0367	2QDF0377	2QDF0387	2QDF0307
PVD Smokey Chrome	2QDF0318	2QDF0328	2QDF0338	2QDF0348	2QDF0358	2QDF0368	2QDF0378	2QDF0388	2QDF0308
Enduro Steel	2QDF0312	2QDF0322	2QDF0332	2QDF0342	2QDF0352	2QDF0362	2QDF0372	2QDF0382	2QDF0302
Antique Black	2QDF0313	2QDF0323	2QDF0333	2QDF0343	2QDF0353	2QDF0363	2QDF0373	2QDF0383	2QDF0303
Polished Stainless Steel	2QDF0316	2QDF0326	2QDF0336	2QDF0346	2QDF0356	2QDF0366	2QDF0376	2QDF0386	2QDF0306
Brushed Stainless Steel	2QDF0319	2QDF0329	2QDF0339	2QDF0349	2QDF0359	2QDF0369	2QDF0379	2QDF0389	2QDF0309

Letters

Finish	A	B	C	D
White	2QDF0401	2QDF0411	2QDF0421	2QDF0431
Black	2QDF0404	2QDF0414	2QDF0424	2QDF0434
Anthracite Grey	2QDF0400	2QDF0410	2QDF0420	2QDF0430
PVD Gold	2QDF0405	2QDF0415	2QDF0425	2QDF0435
Satin Chrome	2QDF0407	2QDF0417	2QDF0427	2QDF0437
PVD Smokey Chrome	2QDF0408	2QDF0418	2QDF0428	2QDF0438
Enduro Steel	2QDF0402	2QDF0412	2QDF0422	2QDF0432
Antique Black	2QDF0403	2QDF0413	2QDF0423	2QDF0433
Polished Stainless Steel	2QDF0406	2QDF0416	2QDF0426	2QDF0436
Brushed Stainless Steel	2QDF0409	2QDF0419	2QDF0429	2QDF0439

Coastline Lever/Lever - Long Backplate



Grade 304 stainless steel construction for exceptional corrosion resistance

92PZ to suit most door locks

2 screw fix

Sprung to fit standard 92PZ lift/lever locks

Up to 72mm door thickness

M6 screws for added strength

Non-handed

Finish	VBH Code	Box Qty
PVD Gold	2QHB0825B	12
Polished Stainless Steel	2QHB0827B	12
Brushed Stainless Steel	2QHB0829B	12

Coastline 6" Victorian Urn Knocker



Finish	Without Hole	With Hole	Box Qty
PVD Gold	2QDF0154	2QDF0159	1
Polished Stainless Steel	2QDF0152	2QDF0157	1
Brushed Stainless Steel	2QDF0151	2QDF0156	1

Coastline Letterbox



Grade 304 austenitic stainless steel flaps for exceptional corrosion resistance

Over 1000 hours corrosion resistance (tested in accordance with BS EN 1670)

Hard wearing stainless steel springs ensure positive opening and closing for years to come

Both flaps open to a full 180°

Suits doors from 42-80mm thick

Draught proofing and integral brush provide full weather proofing
Supplied with 60mm and 80mm thru-fix screws or can be surface fixed

Overall size: 325 x 78mm

Internal Aperture: 250 x 40mm

Door Prep: 260 x 55mm

Finish	VBH Code	Box Qty
PVD Gold	2QBX0035	12
Polished Stainless Steel	2QBX0037	12
Brushed Stainless Steel	2QBX0039	12

Coastline Butt Hinge



Stainless steel construction

Pre-lubricated ball bearings

See page 24 for more detail

Finish	VBH Code	Box Qty
Polished Stainless Steel	2QMA0031	40 Pr
Brushed Satin Stainless Steel	2QMA0032	40 Pr
Polished Stainless Steel Security	2QMA0041	40 Pr
Brushed Stainless Steel Security	2QMA0042	40 Pr

Gamma

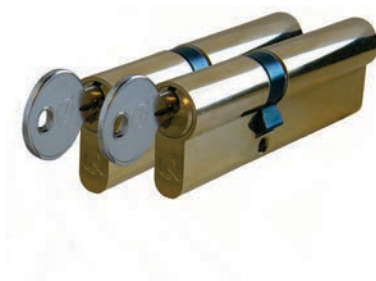
6 pin anti-drill/anti-pick

Over 100,000 differs

EN1303 classification 16000C62

Open profile - replacement keys available from high street

Supplied with 3 keys (except keyed alike pairs, which have 6)



Gamma Key/Key Double Cylinder

Size	Nickel	Brass	Box Qty
32/32	2QCY0001	#	10
32/35	2QCY0003	#	10
32/40	2QCY0005	#	10
32/45	2QCY0007	#	10
32/50	2QCY0009	#	10
32/55	2QCY0011	#	10
32/60	2QCY0013	#	10
32/65	2QCY0055	#	10
32/70	2QCY0059	#	10
35/35	2QCY0015	2QCY0016	10
35/40	2QCY0017	#	10
35/45	2QCY0019	2QCY0020	10
35/50	2QCY0021	2QCY0022	10
35/55	2QCY0023	2QCY0024	10
35/60	2QCY0025	#	10
35/65	2QCY0057	#	10
40/40	2QCY0027	2QCY0028	10
40/45	2QCY0029	2QCY0030	10
40/50	2QCY0031	2QCY0032	10
40/55	2QCY0033	2QCY0034	10
40/60	2QCY0035	2QCY0036	10
45/45	2QCY0037	2QCY0038	10
45/50	2QCY0039	2QCY0040	10
45/55	2QCY0041	2QCY0042	10
45/60	2QCY0043	#	10
50/50	2QCY0045	2QCY0046	10

Gamma Key/Key Double Cylinder Keyed Alike

Supplied in pairs complete with 6 keys

Size	Nickel	Brass	Box Qty
32/45	2QCY0507	#	5 Pr
35/35	2QCY0515	2QCY0516	5 Pr
35/50	2QCY0521	2QCY0522	5 Pr
40/40	2QCY0527	2QCY0528	5 Pr
40/45	2QCY0529	2QCY0530	5 Pr
40/50	2QCY0539	2QCY0540	5 Pr
40/55	2QCY0533	2QCY0534	5 Pr
45/45	2QCY0537	2QCY0538	5 Pr
45/50	2QCY0531	2QCY0532	5 Pr
45/55	2QCY0541	2QCY0542	5 Pr
50/50	2QCY0545	2QCY0546	5 Pr

Gamma Half Cylinder

Size	Nickel	Brass	Box Qty
-/32	2QCY0301	#	10
-/35	2QCY0315	2QCY0316	10
-/40	2QCY0327	2QCY0328	10
-/45	2QCY0337	2QCY0338	10
-/50	2QCY0345	#	10
-/K40	2QCY0329	2QCY0330	10

Key Blanks

Description	VBH Code	Box Qty
Key Blank	2QCY0051	100
Key Blank Short	2QCY0052	100

Gamma Thumb Turn Double Cylinder

K denotes thumb turn (knob) side

Size	Nickel	Brass	Box Qty
K32/32	2QCY0701	#	10
K32/65	2QCY0755	#	10
K32/70	2QCY0759	#	10
K35/32	2QCY0803	#	10
K35/35	2QCY0715	2QCY0716	10
K35/45	2QCY0719	#	10
K35/55	2QCY0723	2QCY0724	10
K40/40	2QCY0727	2QCY0728	10
K40/45	2QCY0729	2QCY0730	10
K40/50	2QCY0731	2QCY0732	10
K40/55	2QCY0733	2QCY0734	10
K40/60	2QCY0735	2QCY0736	10
K45/40	2QCY0829	2QCY0830	10
K45/45	2QCY0737	2QCY0738	10
K45/50	2QCY0739	2QCY0740	10
K45/55	2QCY0741	2QCY0742	10
K50/40	2QCY0831	2QCY0832	10
K50/45	2QCY0839	2QCY0840	10
K50/50	2QCY0745	2QCY0746	10
K55/40	2QCY0833	2QCY0834	10
K55/45	2QCY0841	2QCY0842	10
K60/40	2QCY0835	2QCY0836	10
K65/32	2QCY0855	#	10
K70/32	2QCY0859	#	10

Q-Star - 1 Star TS007 Security Cylinder

TS007:2014 1 Star kitemark approved (KM591531)

Provides full TS007 3 star protection when used with a 2 star handle (e.g. Alpha 2-Star)

EN1303 classification 16000C52

Both ends feature specially designed tumblers and hardened pins to protect against bumping, picking and drilling

Sacrificial break points to hamper attempts to snap and remove the cylinder

Fit with an accredited 2 star handle for full 3 star protection

Clearly identified as a TS007 1 star cylinder

10 year greenteQ guarantee

Covered by the Q-secure security guarantee



Key/Key Double Cylinder c/w 3 Keys

Size	Nickel	Brass	Box Qty
32/32	2QCY1001		10
32/40	2QCY1005		10
32/45	2QCY1007		10
32/50	2QCY1009		10
32/55	2QCY1011		10
32/60	2QCY1013		10
32/70	2QCY1059		10
35/35	2QCY1015	2QCY1016	10
35/40	2QCY1017		10
35/45	2QCY1019	2QCY1020	10
35/50	2QCY1021	2QCY1022	10
35/55	2QCY1023	2QCY1024	10
40/40	2QCY1027	2QCY1028	10
40/45	2QCY1029	2QCY1030	10
40/50	2QCY1031	2QCY1032	10
40/55	2QCY1033	2QCY1034	10
40/60	2QCY1035	2QCY1036	10
45/45	2QCY1037	2QCY1038	10
45/50	2QCY1039	2QCY1040	10
45/55	2QCY1041	2QCY1042	10
45/60	2QCY1043		10
50/50	2QCY1045	2QCY1046	10

Key Blanks

Description	VBH Code	Box Qty
Key Blank	2QCY0051	200
Key Blank Short	2QCY0052	250

Q-Star - 1 Star TS007 Security Cylinder



Thumb Turn/Key Double Cylinders c/w 3 Keys

K denotes thumb-turn (Knob) side

Size	Nickel	Brass	Box Qty	Size	Nickel	Brass	Box Qty	Size	Nickel	Brass	Box Qty
K32/32	2QCY1701		10	K40/45	2QCY1729	2QCY1730	10	K50/40	2QCY1831	2QCY1832	10
K32/70	2QCY1759		10	K40/50	2QCY1731	2QCY1732	10	K50/45	2QCY1839	2QCY1840	10
K35/32	2QCY1803		10	K40/55	2QCY1733	2QCY1734	10	K50/50	2QCY1745	2QCY1746	10
K35/35	2QCY1715	2QCY1716	10	K40/60	2QCY1735	2QCY1736	10	K55/40	2QCY1833	2QCY1834	10
K35/40	2QCY1717		10	K45/40	2QCY1829	2QCY1830	10	K55/45	2QCY1841	2QCY1842	10
K35/45	2QCY1719	2QCY1720	10	K45/45	2QCY1737	2QCY1738	10	K60/40	2QCY1835	2QCY1836	10
K35/55	2QCY1723	2QCY1724	10	K45/50	2QCY1739	2QCY1740	10	K65/32	2QCY1855		10
K40/40	2QCY1727	2QCY1728	10	K45/55	2QCY1741	2QCY1742	10	K70/32	2QCY1859		10



Keyed Alike Pairs (2 Double Cylinders c/w 6 keys)

Size	Nickel	Brass	Box Qty	Size	Nickel	Brass	Box Qty	Size	Nickel	Brass	Box Qty
32/50	2QCY1509		5 Pr	40/40	2QCY1527	2QCY1528	5 Pr	45/45	2QCY1537	2QCY1538	5 Pr
35/35	2QCY1515	2QCY1516	5 Pr	40/45	2QCY1529	2QCY1530	5 Pr	45/50	2QCY1531	2QCY1532	5 Pr
35/50	2QCY1521	2QCY1522	5 Pr	40/50	2QCY1539	2QCY1540	5 Pr	45/55	2QCY1541	2QCY1542	5 Pr
35/55	2QCY1523	2QCY1524	5 Pr	40/55	2QCY1533	2QCY1534	5 Pr	50/50	2QCY1545	2QCY1546	5 Pr

Key Blanks

Description	VBH Code	Box Qty
Key Blank	2QCY0051	200
Key Blank Short	2QCY0052	250

Notes

Notes

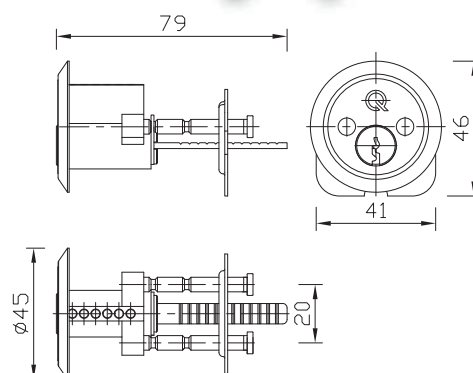
Gamma

- Can be keyed alike with Gamma profile cylinders to provide a 'whole house suite'
- 6 pins for improved security
- Supplied with 3 greenteQ 'Q' branded keys
- Compatible with most readily available night latches
- Available in attractive nickel and brass finishes with subtle 'Q' branding
- Open profile means keys can be purchased and cut at high street heel bars
- Covered by the 10 year greenteQ guarantee

Description	VBH Code	Box Qty
Gamma Rim Latch Cylinder Nickel	2QCY0101	10
Gamma Rim Latch Cylinder Brass	2QCY0102	10

Key Blank

Description	VBH Code	Box Qty
Gamma Key Blank	2QCY0051	100

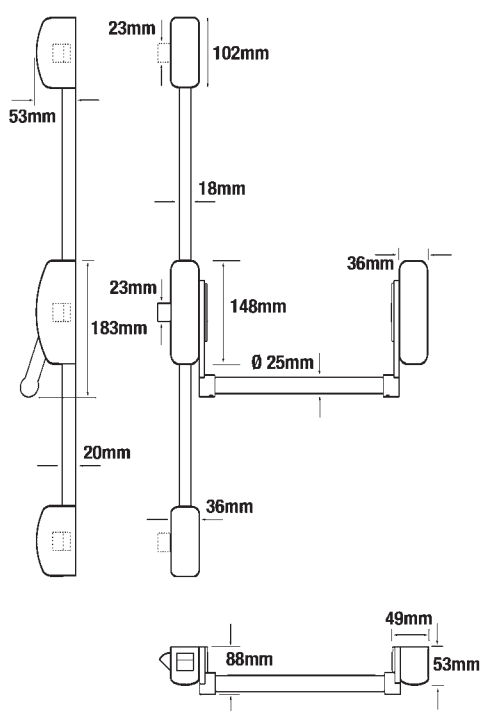


Anti Panic

Suitable for PVCu, timber and aluminium single and double doors
 Tested, certified and CE marked to BS EN1125:2008 (Cross-Arms)
 Tested, certified and CE marked to BS EN179:2008 (Push-Pads)
 Silver and white available from stock
 Other colours available to special order
 Non-handed for reduced stock holding
 Push-Pad features photoluminescent pad



Cross-Arm 1 & 3 Point Panic Latches

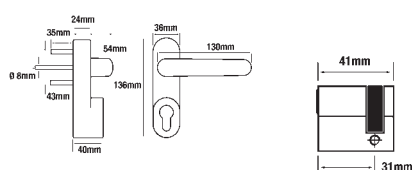


Classification No.377B1422AA

Description	VBH Code	Box Qty
1 Point Panic Latch Silver (Cross-Arm)	4QPG0001	1
1 Point Panic Latch White (Cross-Arm)	4QPG0002	1
3 Point Panic Latch Silver (Cross-Arm)	4QPG0011	1
3 Point Panic Latch White (Cross-Arm)	4QPG0012	1

Use Frame Striker for all latches

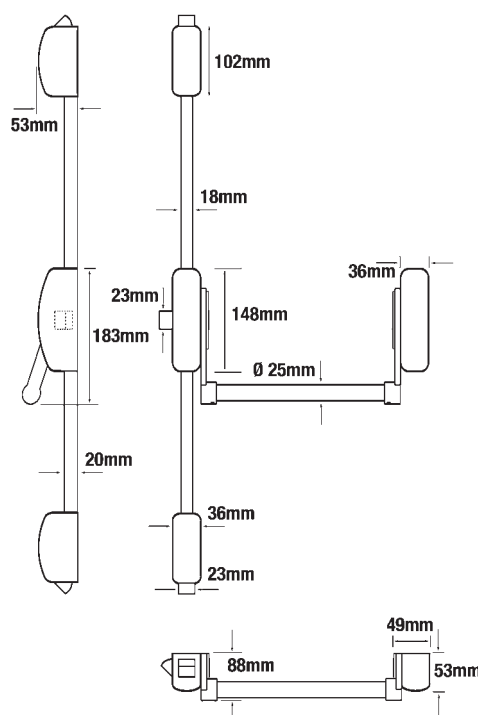
Outside Access Device



Comprises lever handle and 31mm half profile cylinder. Operation of internal arm always overrides locked state to allow exit

Description	VBH Code	Box Qty
Outside Access Device Silver	4QPG0085	1
Outside Access Device White	4QPG0086	1
Outside Access Device Black	4QPG0087	1

Cross-Arm 3 Point Panic Bolts



Classification No.377B1422AA

Centre latch can be blanked off to provide 2 point locking

Description	VBH Code	Box Qty
3 Point Panic Bolt Silver (Cross-Arm)	4QPG0021	1
3 Point Panic Bolt White (Cross-Arm)	4QPG0022	1

Use Frame Striker for horizontal and vertical latches locking onto frame. Use floor striker 4QPG0123 for bottom vertical latch

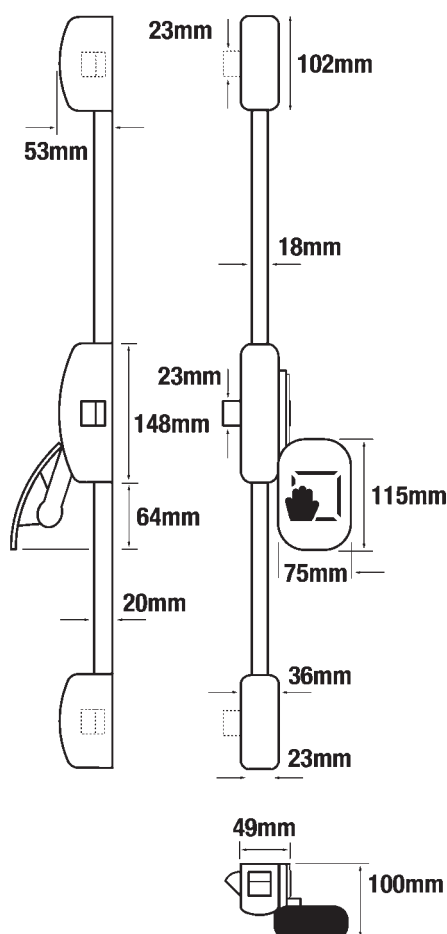
Striker Plates

Striker plates should be ordered separately. Please contact VBH or visit www.vbhgb.com for the correct codes for your system

Description	VBH Code	Box Qty
Floor Striker Stainless Steel	4QPG0123	1
Profile Related Frame Striker	4QPG----	1

If a double door kit is required simply order 1 x Panic Bolt AND 1 x Panic Latch

Push-Pad 1 & 3 Point Latches

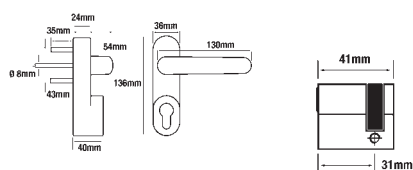


Classification No.377B1442BA

Description	VBH Code	Box Qty
1 Point Panic Latch Silver (Pad)	4QPG0031	1
1 Point Panic Latch White (Pad)	4QPG0032	1
3 Point Panic Latch Silver (Pad)	4QPG0041	1
3 Point Panic Latch White (Pad)	4QPG0042	1

Use Frame Striker for all latches

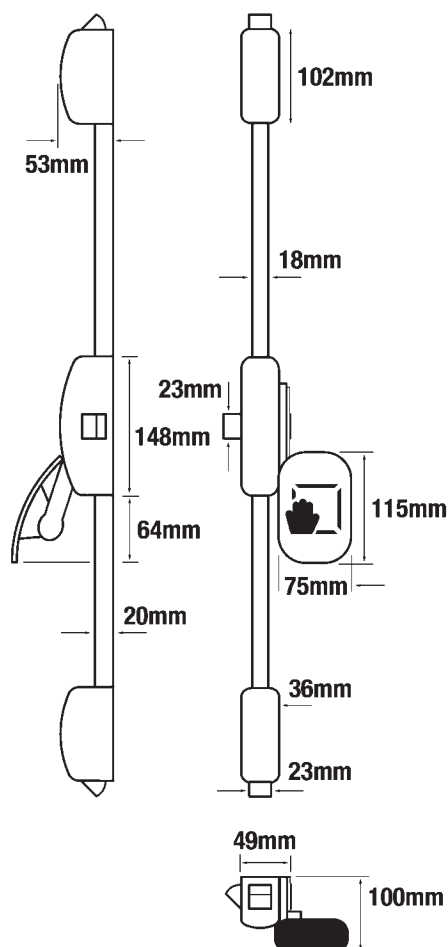
Outside Access Device



Comprises lever handle and 31mm half profile cylinder. Operation of internal pad always overrides locked state to allow exit

Description	VBH Code	Box Qty
Outside Access Device Silver	4QPG0085	1
Outside Access Device White	4QPG0086	1
Outside Access Device Black	4QPG0087	1

Push-Pad 3 Point Bolts



Classification No.377B1442BA

Centre latch can be blanked off to provide 2 point locking

Description	VBH Code	Box Qty
3 Point Panic Bolt Silver (Pad)	4QPG0051	1
3 Point Panic Bolt White (Pad)	4QPG0052	1

Use Frame Striker for horizontal and vertical latches locking onto frame. Use floor striker 4QPG0123 for bottom vertical latch

Striker Plates

Striker plates should be ordered separately. Please contact VBH or visit www.vbhgb.com for the correct codes for your system

Description	VBH Code	Box Qty
Floor Striker Stainless Steel	4QPG0123	1
Profile Related Frame Striker	4QPG - - - -	1

If a double door kit is required simply order 1 x Panic Bolt AND 1 x Panic Latch

Notes

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Bi-Fold Door Hardware greenteQ

Image courtesy of Flair Window Installations LTD

Clearspan

greenteQ Clearspan allows specifiers to design, and door manufacturers to build, slimline bi-fold doors with minimal visible hardware.

The roller assemblies and hinges are fixed into the door rebates rather than face-fixed to the sash and frame, with only the hinge knuckles showing when the door is closed. The rollers and guides run in top and bottom tracks which are neatly encapsulated within the frame. Brushes on the roller assembly bear away any dust or dirt that gathers in the tracks to ensure a smooth sliding operation.

Perfect operation is further aided by the 5mm vertical adjustment provided through the roller.

Clearspan hardware is available in various finishes, depending on which system is used.

greenteQ Clearspan hardware suits all common bi-fold layouts (330, 321, 431 etc) and a range of individual sash weights up to 120Kg.

greenteQ Clearspan hardware is designed with the end user, the installer and manufacturer in mind. Therefore, the rollers and hinges are configured to fit each profile system specifically. This means that the parts locate on the door with no or minimal routing, depending on the profile.

Clearspan has been tested at BSI to the PAS24 security standard. Installations using our PAS24 specification can be demonstrated as being compliant to Building Control Document Q. Clearspan is also covered under our comprehensive 10-year hardware guarantee.

greenteQ Clearspan is covered by the greenteQ 10-year guarantee.

Benefits at a glance:

- Slimline design as hardware is fixed into door rebates rather than surface fit
- Only hinge knuckles visible when closed
- Suitable for inward and outward opening doors with same hardware
- 120Kg sash weight
- 5mm vertical adjustment
- Integrated brushes bear dirt from bottom tracks
- No, or minimal, routing depending on profile
- All common schemes can be accommodated

Bi-Fold Door Hardware Clearspan Hardware for System AF70



greenteQ

Top Guide



Finish	VBH Code	Box Qty
White RAL9016	4QBF1201	10
Black RAL9005	4QBF1202	10
Anthracite Grey RAL7016	4QBF1203	10
Silber RAL7040	4QBF1204	10

Hinge with Pull Handle



Finish	VBH Code	Box Qty
White RAL9016	4QBF1271	25
Black RAL9005	4QBF1272	25
Anthracite Grey RAL7016	4QBF1273	25
Silber RAL7040	4QBF1274	25

Bottom Roller



Finish	VBH Code	Box Qty
White RAL9016	4QBF1231	10
Black RAL9005	4QBF1232	10
Anthracite Grey RAL7016	4QBF1233	10
Silber RAL7040	4QBF1234	10

Hinge



Finish	VBH Code	Box Qty
White RAL9016	4QBF1261	50
Black RAL9005	4QBF1262	50
Anthracite Grey RAL7016	4QBF1263	50
Silber RAL7040	4QBF1264	50

Accessories

Description	VBH Code	Box Qty
Fixing Kit	4QBF1281	1
Floating Block	4QBF1291	1

Security Accessories

Description	VBH Code	Box Qty
Security Fixing Kit (Replaces 4QBF1281)	4QBF1282S	1
Anti-Lift Block (4 Required at Each Sash - Sash Meeting Point)	4QBF1270	1

Bi-Fold Door Lock Clearspan Hardware for System AF70



Lock Kit for System AF70 Bi-Fold Door

Our Lock Kit for System AF70 bi-fold doors features a top quality Yale door lock. It is the ideal partner for Clearspan bi-fold door hardware.

The 28mm backset lock provides effective locking and compression through a latib and e ntral deadbolt, 2 hooks and 2 linear bolts

Perfect compression is ensured by profile related packers. To position the strike r plates.

Ordering is simple as the lock strike r plates and packers are all supplied as a Yale Lock Kit under a single part number.

The o rrect handing is determined as follows;

LH Kit = LEFT hand hung OUTWARD or RIGHT hand hung INWARD opening door i ewed from outside

RH Kit = RIGHT hand hung OUTWARD or LEFT hand hung INWARD opening door i ewed from outside

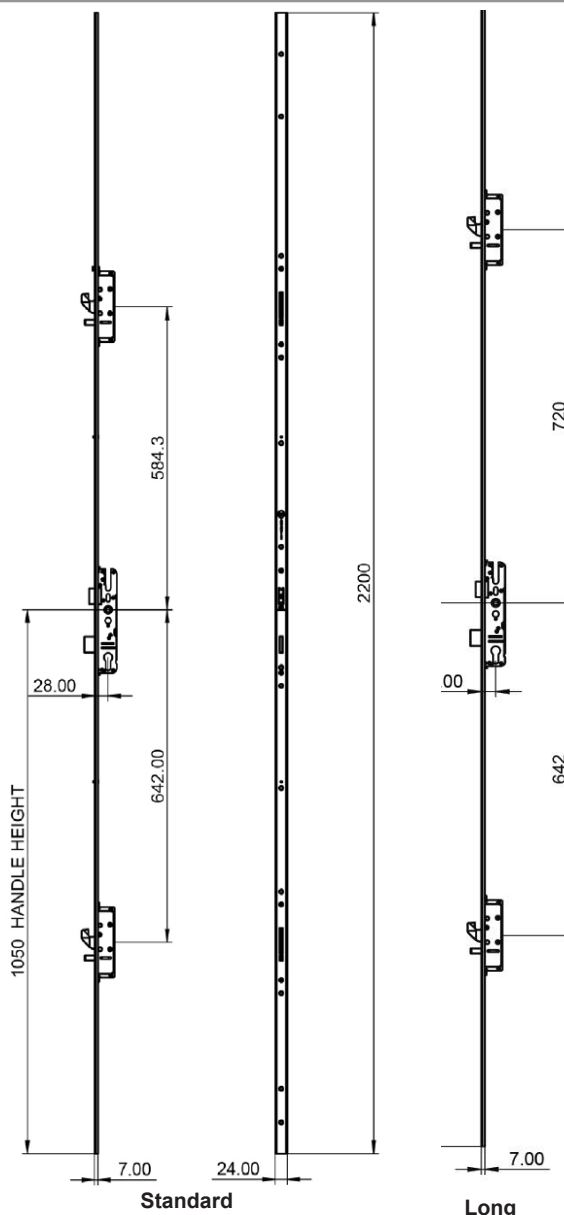
Benefits at a glance:

- Tapered hooks provide security and smooth closing
- Hook/linear bolt combination locking points provide excellent security
- Benefits from strong Yale branding
- Perfect partner for Clearspan bi-fold hardware
- Easy ordering with just one part number
- Standard and long lock available

Description	VBH Code
LH Yale Lock Kit Standard	4QBF1221
RH Yale Lock Kit Standard	4QBF1222
LH Yale Lock Kit Long	4QBF1223
RH Yale Lock Kit Long	4QBF1224

Note: These lock kits must be used on PAS24 spec Clearspan Bi-Fold Doors

They are also recommended for standard Bi-Fold Doors.



Bi-Fold Door Hardware

Clearspan Standard Hardware For System AF70

10
Years

greenteQ

Clearspan Intermediate Lock for System AF70

Locking system for intermediate meeting points
Robust gearbox is operated by attractive black Q-branded operator
Shootbolt ends are pre-assembled onto strong 8mm threaded rod
Shootbolt end is tapered for smooth lead-in
22mm bolt throw
Standard and Security options

Standard Option

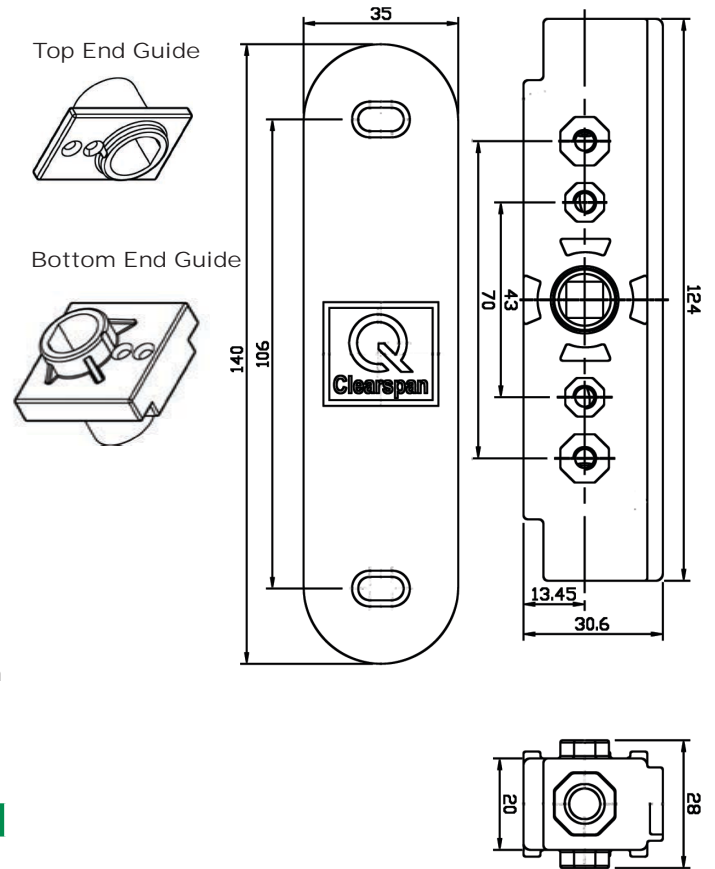
Description	VBH Code	Box Qty
Intermediate Gearbox	4QBF1251	24
Intermediate Gearbox Cover (Black)	4QBF1252	100
1300mm Shootbolt Rod Assembly	4QBF1255	100
Shootbolt Top End Guide Standard	4QBF1253	100
Shootbolt Bottom End Guide Standard	4QBF1254	100

One set comprises 1 x gearbox, 1 x gearbox cover, 2 shootbolt rods and a top and bottom end guide

Intermediate Lock - Kits and Bulk

We also supply the Standard and Security Intermediate Lock System in kits and bulk quantities. By ordering using the codes below you will receive either 5 sets individually packaged in kits, or enough components to gear 25 sashes.

Description	VBH Code	Unit Qty
Standard Individual Kit x 5	4QBF1225	5 Kits
Standard Bulk Packaged Sets x 25	4QBF1226	25 Sets
Security Individual Kit x 5	4QBF1227S	5 Kits
Security Bulk Packaged Sets x 25	4QBF1228S	5 Kits



Bi-Fold Door Hardware Clearspan Hardware for System S1000

10
Years

greenteQ

Top Guide and Bottom Roller



Description	White RAL9016	Black RAL9005	Anth.Grey RAL7016	Box Qty
Top Guide	4QBF1001	4QBF1002	4QBF1003	10
Bottom Roller	4QBF1031	4QBF1032	4QBF1033	10
Security Clamp Plate Set*	4QBF1086	4QBF1086	4QBF1086	100

Hinge



Description	White RAL9016	Black RAL9005	Anth.Grey RAL7016	Box Qty
Hinge	4QBF1061	4QBF1062	4QBF1063	50
Security Clamp Plate Set*	4QBF1086	4QBF1086	4QBF1086	100

Hinge with Pull Handle



Description	White RAL9016	Black RAL9005	Anth.Grey RAL7016	Black/PVD Gold	Black/Pol. Chrome	Black/Sat. Chrome	Anth.Grey/ Sat.Chrome	Anth.Grey/ Pol.Chrome	Box Qty
Hinge with Pull	4QBF1071	4QBF1072	4QBF1077	4QBF1073	4QBF1074	4QBF1075	4QBF1067	4QBF1068	25

Top Guide and Bottom Roller Half Set



Description	White RAL9016	Black RAL9005	Anth.Grey RAL7016	Box Qty
Top Guide	4QBF1011	4QBF1012	4QBF1013	10
Bottom Roller	4QBF1041	4QBF1042	4QBF1043	10

Half Pull Handle



Description	White RAL9016	Black RAL9005	Anth.Grey RAL7016	Box Qty
Half Pull Handle	4QBF1091	4QBF1092	4QBF1097	25

Notes

Bi-Fold Door Lock Clearspan Hardware for System S1000



Lock Kit for System S1000 Bi-Fold Door

Our Lock Kit for System S1000 bi-fold doors features a top quality Yale door lock. It is the ideal partner for Clearspan bi-fold door hardware.

The 28mm backset lock provides effective locking and compression through a latch and central deadbolt, 2 hooks, 2 linear bolts and 2 adjustable roller arms.

The one piece striker plate speeds up the fitting process and provides a strong locking connection. Perfect compression is ensured by 9 profile related under plates.

Ordering is simple as the lock, striker plate and plates are all supplied as a Yale Lock Kit under a single part number.

The correct handing is determined as follows;

LH Kit = LEFT hand hung OUTWARD or RIGHT hand hung INWARD opening door viewed from outside

RH Kit = RIGHT hand hung OUTWARD or LEFT hand hung INWARD opening door viewed from outside

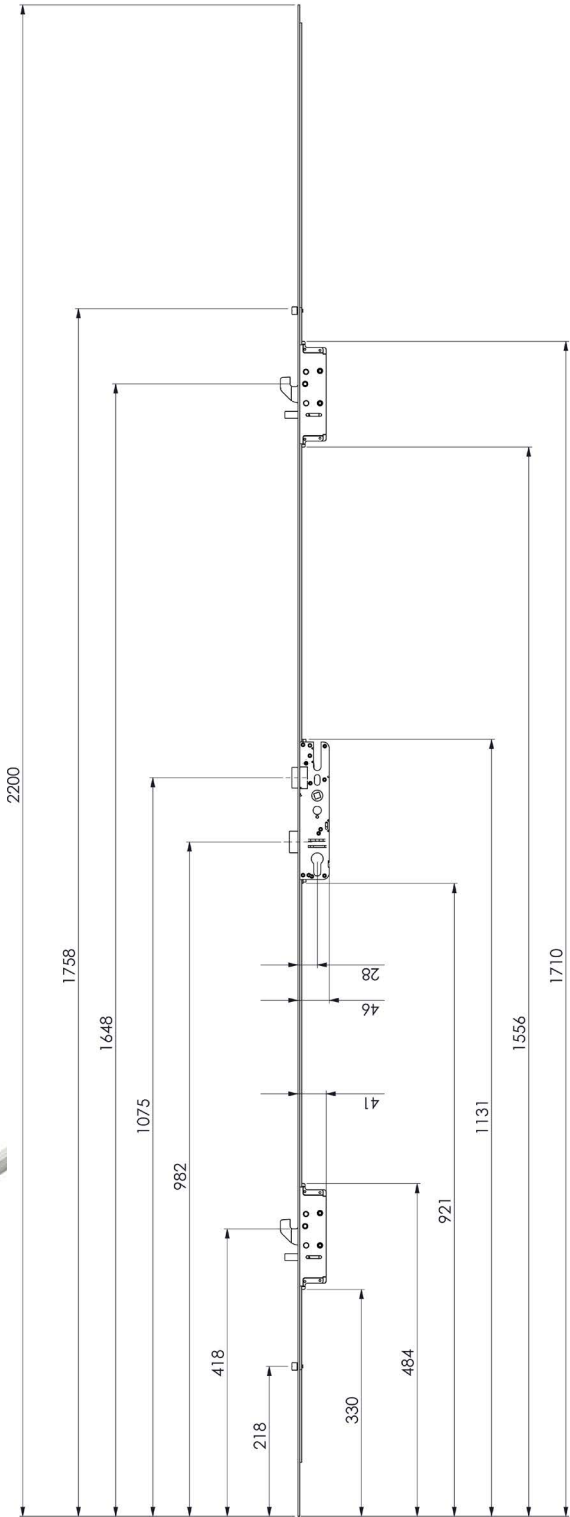
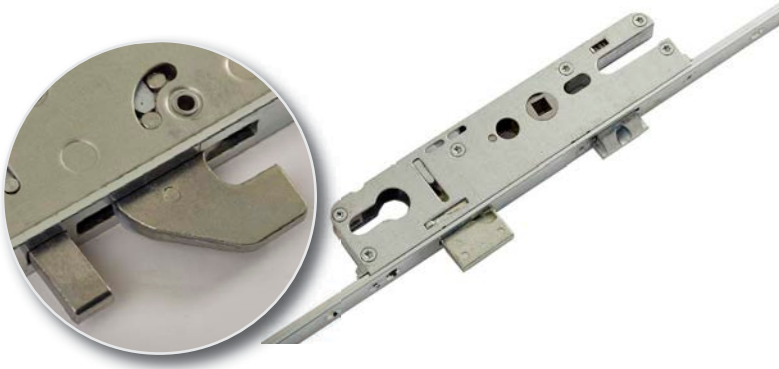
Benefits at a glance:

- Hooks and compression arms provide security and smooth closing
- Hook/linear bolt combination locking points provide excellent security
- Benefits from strong Yale branding
- One piece striker plate speeds up fitting time
- Perfect partner for Clearspan bi-fold hardware
- Easy ordering with just one part number

Description	VBH Code	Box Qty
LH Lock Kit	4QBF1023	1
RH Lock Kit	4QBF1024	1

Note: These lock kits must be used on increased security Clearspan Bi-Fold Doors

They are also recommended for standard Bi-Fold Doors.



Bi-Fold Door Lock Clearspan Hardware for System S1000

10
Years

greenteQ

Lock Kit for System S1000 Bi-Fold Chicane Doors

Our Lock Kit for System S1000 Chicane bi-fold doors features a top quality Yale door lock. It is an ideal partner for Clearspan bi-fold door hardware.

The 28mm backset lock provides effective locking and compression through a lathe and central deadbolt, 2 hooks and 2 adjustable roller arms.

The one piece striker plate speeds up the fitting process and provides a strong locking connection. Perfect compression is ensured by 9 profile related under plates.

Ordering is simple as the lock, striker plate and plates are all supplied as a Yale Lock Kit under a single part number.

The correct handing is determined as follows;

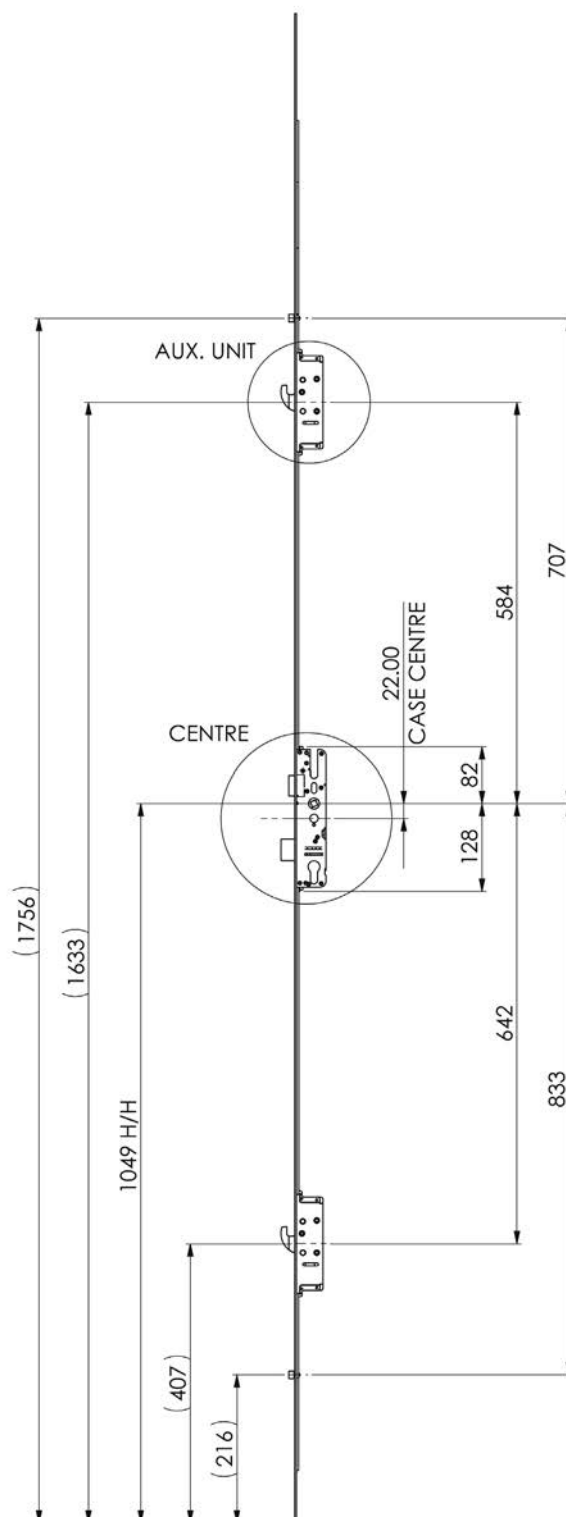
LH Kit = LEFT hand hung OUTWARD or RIGHT hand hung INWARD opening door viewed from outside

RH Kit = RIGHT hand hung OUTWARD or LEFT hand hung INWARD opening door viewed from outside

Benefits at a glance:

- Hooks and compression arms provide security and smooth closing
- Hook bolt locking points provide excellent security
- Benefits from strong Yale branding
- One piece striker plate speeds up fitting time
- Perfect partner for Clearspan bi-fold hardware on Chicane Doors
- Easy ordering with just one part number

Description	VBH Code	Box Qty
LH Lock Kit	4QBF1019	1
RH Lock Kit	4QBF1020	1



Bi-Fold Door Hardware Clearspan Hardware for System S1000

10
Years

greenteQ

Clearspan Intermediate Lock for System S1000

Standard & PAS24 locking systems for intermediate meeting points
Robust gearbox is offered by attractive black Q-branded roller
Shootbolt ends are pre-assembled onto strong 8mm threaded rod
Shootbolt end is tapered for smooth lead-in
24mm bolt throw

Standard Option

Description	VBH Code	Box Qty
Intermediate Gearbox	4QBF1051	24
Intermediate Gearbox Cover (Black)	4QBF1052	100
1300mm Shootbolt Rod Assembly	4QBF1054	100
Shootbolt End Guide Standard	4QBF1053*	100
Shootbolt End Guide Slim	4QBF1059*	100

One set comprises 1 x gearbox, 1 x gearbox cover, 2 end guides and 2 shootbolt rods

Increased Security Option (DV23/DV26 only)

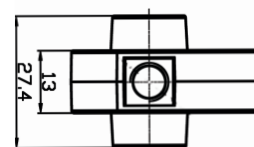
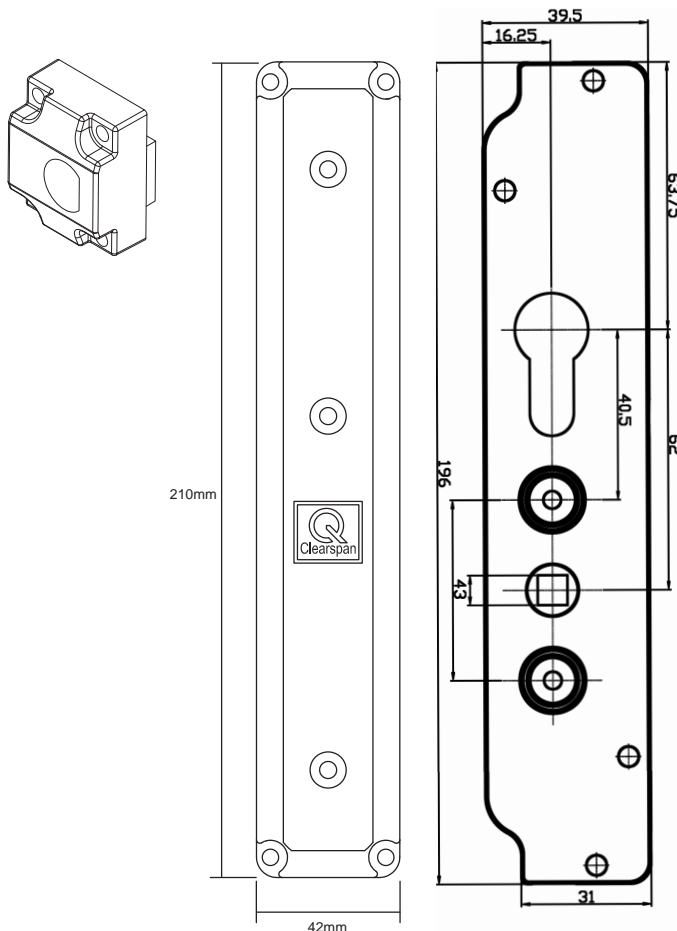
Description	VBH Code	Box Qty
Intermediate Gearbox	4QBF1051	24
Intermediate Gearbox Cover (Black)	4QBF1052	100
1300mm Shootbolt Rod Assembly	4QBF1058	100
Shootbolt End Guide Standard	4QBF1053	100

One set comprises 1 x gearbox, 1 x gearbox cover, 2 end guides and 2 shootbolt rods

Intermediate Lock - Kits and Bulk

We also supply the Intermediate Lock System in kits and bulk quantities. By ordering using the codes below you will receive either 5 sets individually packaged in kits, or enough components to gear 25 sashes.

Description	VBH Code	Unit Qty
Standard Individual Kit x 5	4QBF1025	5 Kits
Standard Bulk Packaged Sets x 25	4QBF1026	25 Sets
PAS24 Security Individual Kit x 5	4QBF1027S	5 Kits
PAS24 Security Bulk Packaged Sets x 25	4QBF1028S	25 Sets



*The end guide depends on which version of System S1000 is used as follows

DV23/DV26 use Standard 4QBF1053
DV28/DV27 use Slim 4QBF1059

Notes

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Notes

Clearline Magnetic Catch

Holds back sashes on Clearspan and other bi-fold doors
 Supplied complete with 2 fixing methods for aluminium doors
 Available in 2 heights and 6 colours
 Disc set appearance – only 30mm diameter
 greenteQ 10 year guarantee



Finish	26mm Catch Height	65mm Catch Height	Box Qty
White RAL 9016	4QBF0031	4QBF0041	1 Pair
Black RAL 9005	4QBF0032	4QBF0042	1 Pair
Polished Chrome	4QBF0034	4QBF0044	1 Pair
Satin Chrome	4QBF0035	4QBF0045	1 Pair
Anthracite Grey RAL 7016	4QBF0037	4QBF0047	1 Pair
Silver (Window Grey) RAL 7040	4QBF0038	4QBF0048	1 Pair



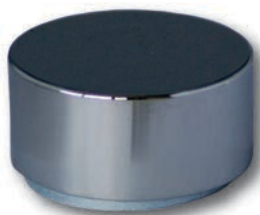
White



Black



Polished Chrome



Satin Chrome



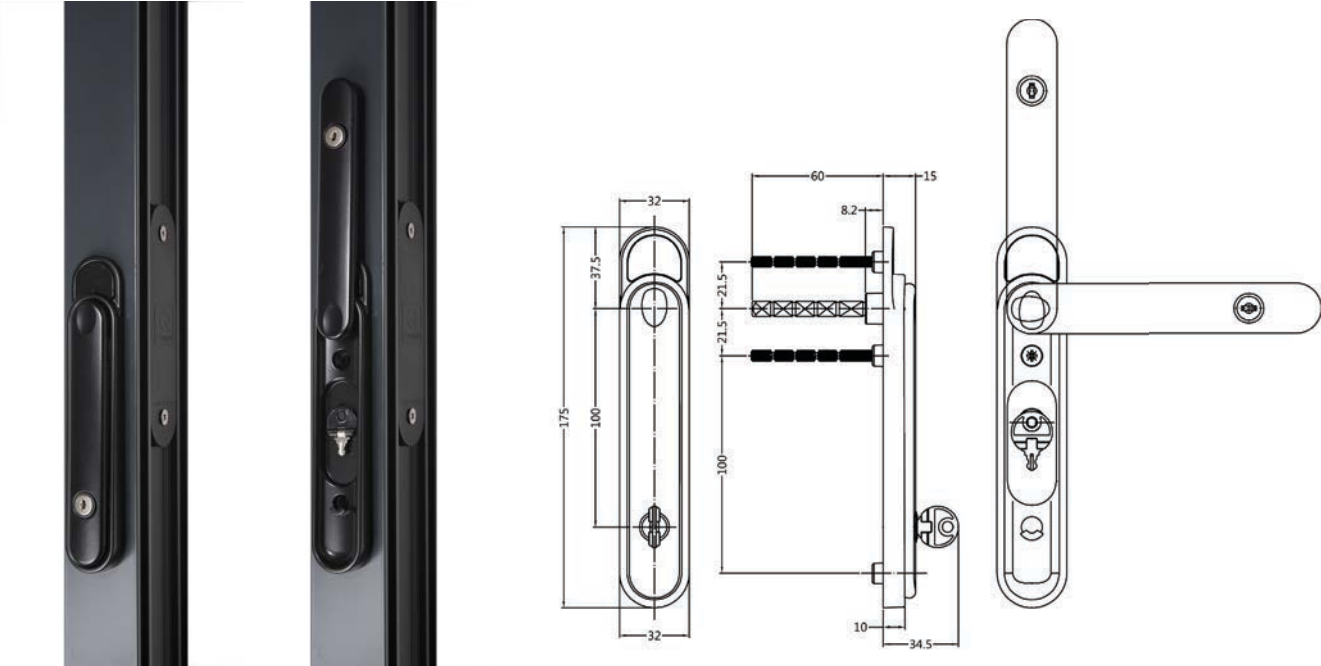
Anthracite Grey



Silver



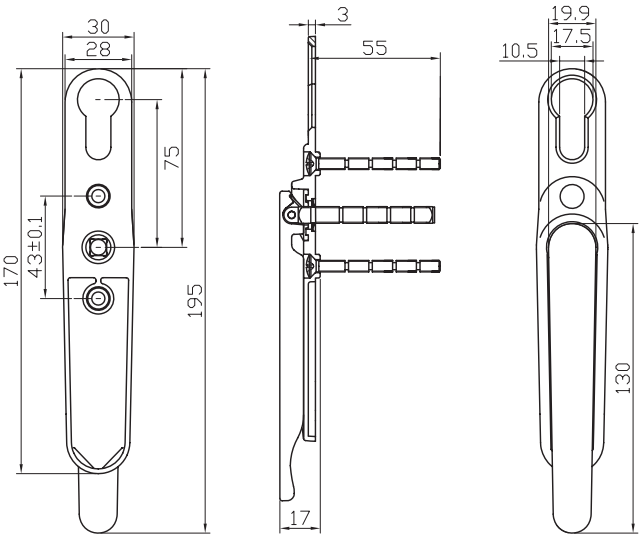
Clearline CentreFold Handle



- Works with greenteQ Intermediate Lock to secure aluminium bi-fold doors
- Top of lever pushes in to allow turn at ion
- Stands off profile only by 15mm
- Key lockable
- Discreet key storage area
- Foldable key enables doors to stack back with minimal stand off
- Concealed fixings (43mm centres)
- Covered by the greenteQ 10 year guarantee
- The CentreFold handle is included in the Q-series sub-eme

Finish	VBH Code	Box Qty
White	4QBF0061	12
Black	4QBF0062	12
Anthracite Grey	4QBF0068	12
Polished Chrome	4QBF0064	12
Satin Chrome	4QBF0065	12

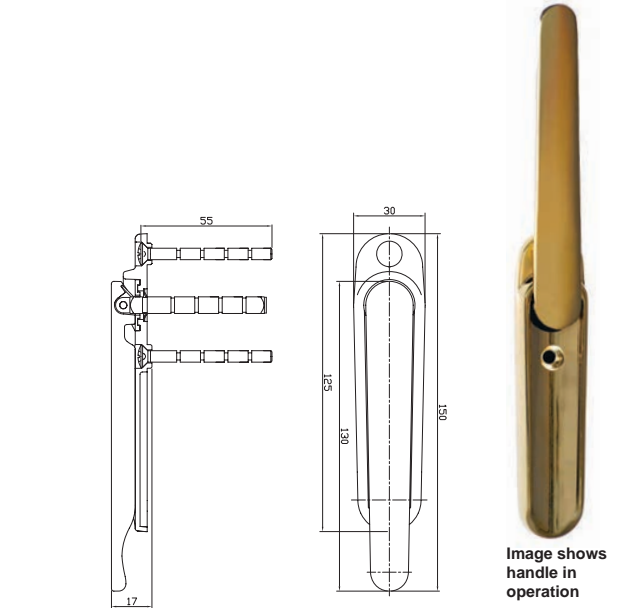
Clearline SlimFold Handles
with PZ Hole



SlimFold handle with 'Lift & Turn' technology
Ideal for Bi-fold doors
With PZ hole (PZ)

Description	Finish	VBH Code	Box Qty
With PZ Hole	White	4QBF0011	40
With PZ Hole	Black	4QBF0012	40
With PZ Hole	PVD Gold	4QBF0013	40
With PZ Hole	Polished Chrome	4QBF0014	40
With PZ Hole	Satin Chrome	4QBF0015	40

Clearline SlimFold Handles
without PZ Hole



SlimFold handle with 'Lift & Turn' technology
Ideal for Bi-fold doors
Without PZ hole (PZ)

Description	Finish	VBH Code	Box Qty
No PZ Hole	White	4QBF0001	40
No PZ Hole	Black	4QBF0002	40
No PZ Hole	PVD Gold	4QBF0003	40
No PZ Hole	Polished Chrome	4QBF0004	40
No PZ Hole	Satin Chrome	4QBF0005	40

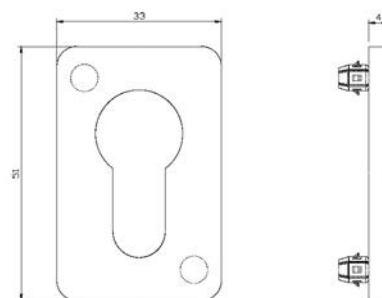
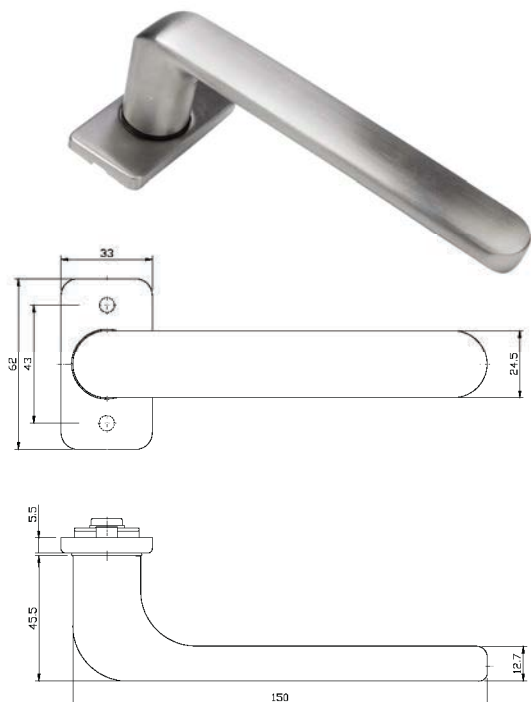
Aspire Intermediate



Can be used on bi-fold doors in all materials
 Stands off profile by only 16mm
 Part of the greenteQ Suite
 9 attractive greenteQ colours
 Position
 Supplied with fixing bolts
 Concealed fixings
 Grade 304 stainless steel construction
 10 year greenteQ mechanical & surface guarantee

Colour	VBH Code	Box Qty
White RAL 9016	2QHB4741	40
Anthracite Grey RAL 7016	2QHB4742	40
Silver (Window Grey) RAL 7040	2QHB4743	40
Black RAL 9005	2QHB4744	40
PVD Gold	2QHB4745	40
Satin Chrome	2QHB4747	40
Polished Stainless Steel	2QHB4748	40
Brushed Stainless Steel	2QHB4749	40
Brushed Graphite	2QHB4750	40

Aspire Sprung Lever



Sprung levers always return to 90° position

Escutcheon plates stand off sash profile only 4mm

Part of the greenteQ suite

9 attractive greenteQ colours to match or complement any RAL colour

Concealed fixing systems

Grade 304 stainless steel construction

10 year greenteQ mechanical & surface guarantee

Sprung Levers

Colour	VBH Code	Box Qty
White RAL 9016	2QHB4761	40
Anthracite Grey RAL 7016	2QHB4762	40
Silver (Window Grey) RAL 7040	2QHB4763	40
Black RAL 9005	2QHB4764	40
PVD Gold	2QHB4765	40
Satin Chrome	2QHB4767	40
Polished Stainless Steel	2QHB4768	40
Brushed Stainless Steel	2QHB4769	40
Brushed Graphite	2QHB4770	40

Escutcheon Plates

Colour	VBH Code	Box Qty
White RAL 9016	2QHB4741	40
Anthracite Grey RAL 7016	2QHB4742	40
Silver (Window Grey) RAL 7040	2QHB4743	40
Black RAL 9005	2QHB4744	40
PVD Gold	2QHB4745	40
Satin Chrome	2QHB4747	40
Polished Stainless Steel	2QHB4748	40
Brushed Stainless Steel	2QHB4749	40
Brushed Graphite	2QHB4750	40

Notes

Notes

Aspire Lift / Slide Handle Fixing Packs

greenteQ Aspire Lift/Slide Handles are suitable for use on many door systems and profile materials.

The handles are supplied without fixings. The fixings vary depending on the profile used, and whether the handles are being fitted as a pair, inside only with external Aspire Finger Cup, or inside only with nothing on the external door face.

Fabricators should select the correct fixings from the list below.

Spindles

Description	Application	VBH Code	Box Qty
10 x 10 x 60mm Spindle	Internal Handle Only	2QHB4662	100
10 x 10 x 105mm Spindle	Int/Ext Handle	2QHB4661	100

Fixing Packs for Internal/External Handles

Contents	Door Thickness (mm)	VBH Code	Box Qty
2 No. M5 x 70 Cap Head Screws with Hex Insets	56 - 65	2QHB4667	200 Packs
2 No. M5 x 80 Cap Head Screws with Hex Insets	66 - 75	2QHB4668	200 Packs
2 No. M5 x 90 Cap Head Screws with Hex Insets	76 - 85	2QHB4669	200 Packs
2 No. M5 x 100 Cap Head Screws with Hex Insets	86 - 95	2QHB4670	200 Packs

Fixing Packs for Internal Handle with External Finger Cup

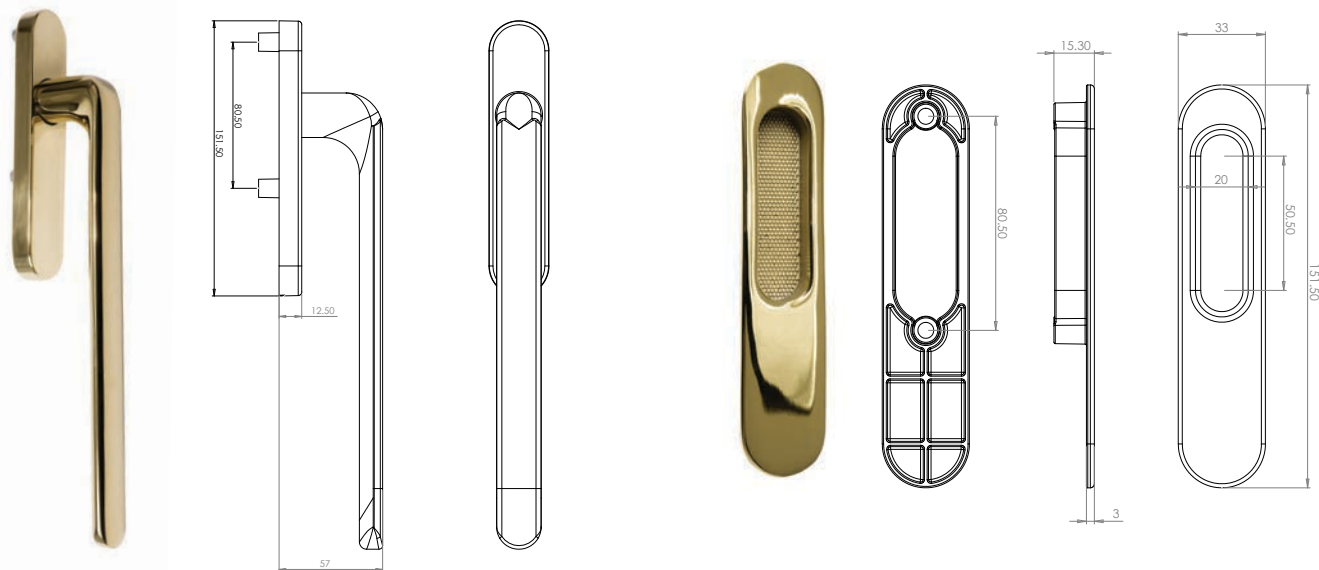
Contents	Door Thickness (mm)	VBH Code	Box Qty
2 No. M5 x 60 Cap Head Screws	56 - 60	2QHB4671	200 Packs
2 No. M5 x 65 Cap Head Screws	61 - 65	2QHB4672	200 Packs
2 No. M5 x 70 Cap Head Screws	66 - 70	2QHB4673	200 Packs
2 No. M5 x 75 Cap Head Screws	71 - 75	2QHB4674	200 Packs
2 No. M5 x 80 Cap Head Screws	76 - 80	2QHB4675	200 Packs
2 No. M5 x 85 Cap Head Screws	81 - 85	2QHB4676	200 Packs
2 No. M5 x 90 Cap Head Screws	86 - 90	2QHB4677	200 Packs

Fixing Packs for Internal Handle with Blank External

Contents	Lock Position (mm*)	VBH Code	Box Qty
2 No. M5 x 60 Cap Head Screws with Knurl Inserts	21 - 35	2QHB4681	200 Packs
2 No. M5 x 65 Cap Head Screws with Knurl Inserts	36 - 50	2QHB4682	200 Packs

*Lock Position refers to the dimension from the inside face of the sash profile to the centre point of the patio lock (or lock groove)

Aspire Lift / Slide Handle



Perfect handle to operate Clearlift hardware
Operates heavy lift/slide doors with minimal effort

Positive location for further ease of use

Attractive soft lines

Comfortable feel when in use

Can be used on inside only, with external finger cup, or as back to back pair for internal and external operation

Available with or without profile cylinder hole

Hi-Grip version for extra bearing

9 attractive finishes including brushed and polished grade 304 stainless steel

Aspire Handle without Profile Cylinder Hole

Finish	Standard	Hi-Grip
White	2QHB4621	2QHB4721
Anthracite Grey	2QHB4622	2QHB4722
Silver (RAL 7040)	2QHB4623	2QHB4723
Black	2QHB4624	2QHB4724
PVD Gold	2QHB4625	2QHB4725
Satin Chrome	2QHB4627	2QHB4727
Polished S/Steel	2QHB4628	2QHB4728
Brushed S/Steel	2QHB4629	2QHB4729
Brushed Graphite	-	2QHB4730

Aspire Handle with Profile Cylinder Hole

Finish	Standard	Hi-Grip
White	2QHB4601	2QHB4701
Anthracite Grey	2QHB4602	2QHB4702
Silver (RAL 7040)	2QHB4603	2QHB4703
Black	2QHB4604	2QHB4704
PVD Gold	2QHB4605	2QHB4705
Satin Chrome	2QHB4607	2QHB4707
Polished S/Steel	2QHB4608	2QHB4708
Brushed S/Steel	2QHB4609	2QHB4709
Brushed Graphite	-	2QHB4710

Aspire Finger Cup

Finish	VBH Code
White	2QHB4641
Anthracite Grey	2QHB4642
Silver (RAL 7040)	2QHB4643
Black	2QHB4644
PVD Gold	2QHB4645
Satin Chrome	2QHB4647
Polished S/Steel	2QHB4648
Brushed S/Steel	2QHB4649
Brushed Graphite	2QHB4650

Please see page 61 for ordering details of fixing pack options.



greenteQ Invisifold Slide & Fold Slide & Fold System

Image courtesy of Profine Ltd

greenteQ Invisifold Slide & Fold Hardware for Doors and Windows

greenteQ Invisifold is the patented, innovative new slide & fold hardware solution for doors and windows.

Like a bi-fold door, the sashes fold back to the side to allow a full opening, offering barrier-free living.

Unlike bi-fold doors, the sashes do not run on wheels, and you don't have to open multiple sashes at the same time. Instead, after the main passage sash has been opened, the others slide independently on low-friction tracks to locate into their fold position.

Opening the sliding sashes is easily achieved by moving each sash across the opening until it locates in the landing gate that allows it to fold open. This takes minimal effort, even on large and heavy sashes weighing up to 80Kg. Once the sash is in position it can be opened fully. Repeat this for all the sashes on the door or window for a full opening.

If preferred, once the main sash is opened, the user can opt to simply move the sliding sashes within the frame opening, without reaching the fold position, to create flexible ventilation. Alternatively, move only some of the sashes to the open position and have a split opening. The benefit is with the end user to position the sashes as they wish, offering more flexibility in use than a traditional bi-folding door.

The only fixed hinges are on the main passage sash and these, like the sliding components, are concealed within the frame rebate. This means that the only hardware item visible when the product is fully closed is the handle (and profile cylinder), leaving just the uninterrupted clean lines of the profile. Not only does this provide the door or window with an elegant appearance but also makes it easier to keep clean. Another benefit of having fully concealed hardware is that any would-be burglar does not know the best points to attack.

The main door sash is hung on bespoke concealed hinges that will carry a sash weighing up to 100Kg. This sash is secured with an off-the-shelf multi-point lock.

I-Bolt interlocking devices secure the sliding sashes, either sash to sash or sash to frame, to provide security and weather tightness.

Manufacturers benefit from the fact that only standard profiles are used. No special profiles are required, as is the case with inline bi-fold doors.

Slide & Fold Door Hardware

Invisifold



Sashes fold back to provide barrier-free living
Hinges, sliding and interlocking components are concealed within the frame rebate leaving just the clean lines of the profile
Clever design with I-Bolt interlocking devices provides excellent security and weather performance
Utilises standard profiles
Maximum sash weight - 100KG
1040mm maximum sash width
Refer to systems company for maximum sash height

No limit to the quantity of sashes#
Inward or outward opening with the same hardware
Independently tested to PAS24
Document Q compliant subject to profile and main passage lock used
Easy to order

#Sliding sashes with sash rebate widths of 1000mm can be built, subject to a maximum weight of 100Kg. The maximum frame width is dependent on the profile system provider's recommendation.

Order Details

Standard Set

Item/Profile	Deceuninck 2500	Kommerling C70/O70	Rehau TOTAL70	Qty Required
Sliding Sash Set	4QNV4002	4QNV4003	4QNV1001	Dep. on Door Pattern
Exit Gate Kit	4QNV4022	4QNV4023	4QNV4021	1
I-Bolt	4QNV0108	4QNV0108	4QNV0108	2
Eurogrove I-Bolt	Not Req	4QNV0110		Dep. on Door Pattern
I-Bolt Receiver	4QNV0109	4QNV0109	4QNV0109	Dep. on Door Pattern
White 3m Track	4QNV0032	Buy from Profine	4QNV0031	Dep. on Frame Width
Black 3m Track	4QNV0042	Buy from Profine	4QNV0041	Dep. on Frame Width
Corner Hinge	5RNT3107	5RNT3107	5RNT3107	2
LH Pivot Rest	5RNT3185	5RNT3185	5RNT3239	1
RH Pivot Rest	5RNT3186	5RNT3186	5RNT3240	1
Centre Closer Sash Part	5RNT3050	5RNT3050	5RNT3050	1
Centre Closer Frame Part	5RNT3053	5RNT3053	5RNT3053	1
Magnetic Catch - Main Door	63mm	63mm	63mm	1
Magnetic Catch - General	26mm	26mm	26mm	Dep. on Door Pattern
Yale Mantis 3 Standard Door Lock**	3MML0007	3MML0007	3MML0007	1
LH Striker Plate**	3MML0021	3MML0021	3MML0021	1
RH Striker Plate**	3MML0022	3MML0022	3MML0022	or 1
Profile Related Packer**	3MML5093	3MML5093	3MML5099	11

*Each door requires 1 x 'Sash to Frame' kit and as many 'Sash to Sash' kits as necessary (to cover all other sliding sashes)

**This Yale Mantis 3 lock is our recommended solution for the main passage door. However, other locks can be used if preferred.

Additional Parts for PAS24 Security Door

The following parts must be fitted when making a PAS24 door to our BSI-tested specification

Item/Profile	Deceuninck 2500	Kommerling C70/O70	Veka	Qty Required
Yale Mantis 3 Security Door Lock	3MML0307	3MML0137	3MML0137	1
LH Security Striker Plate	3MML0071	3MML0071	3MML0071	1
RH Security Striker Plate	3MML0072	3MML0072	3MML0072	or 1
Profile Related Packer	3MML5093	3MML5093	3MML5006	11
Rhino Backlock Sash Part	3GUL0645	3GUL0645	3GUL0645	2
Rhino Backlock Frame Part	3GUL0646	3GUL0646	3GUL0646	2
I-Bolt Security Plate	4QNV0113	4QNV0113	4QNV0113	3 Per Sash Kit
Alpha Long BP Door Handle	Dep. on Colour	Dep. on Colour	Dep. on Colour	1
Yale 3-Star Profile Cylinder Nickel	2YCY5039	2YCY5039	2YCY5037	1
Yale 3-Star Profile Cylinder Brass	2YCY5040	2YCY5040	2YCY5038	or 1

Invisifold

Sashes fold back to provide barrier-free living
Hinges, sliding and interlocking components are concealed within the frame rebate leaving just the clean lines of the profile
Cleaner design with I-Bolt interlocking devices provides excellent security and weather performance
Utilises standard profiles
Maximum sash weight - 50KG
800mm maximum sash width
Refer to system company for maximum sash height
No limit to the quantity of sashes#

Inward or outward opening with the same hardware
Easy to order

#Sliding sashes with sash rebate widths of 800mm can be built, subject to a maximum weight of 50Kg. The maximum frame width is dependent on the profile system provider's recommendation.

Order Details

Standard Set

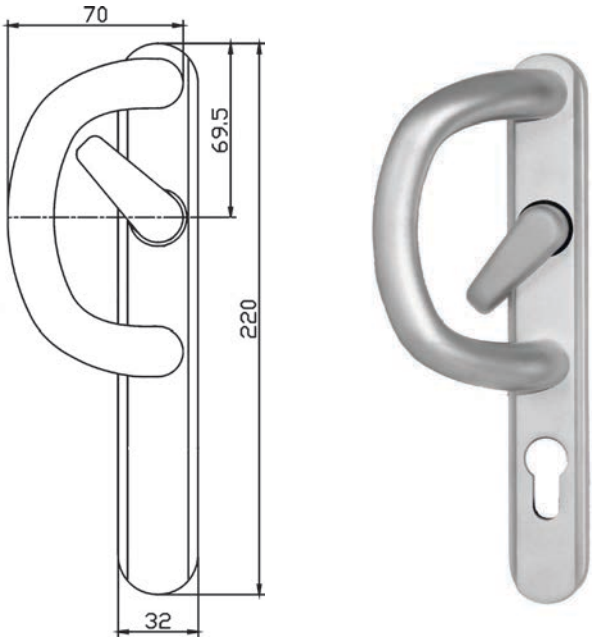
Item/Profile	Deceuninck 2500	Halo	Kommerling C70/O70	Rehau TOTAL70	Qty Required
Sash to Sash Kit	4QNV1002B	4QNV1006C	4QNV1002B	4QNV1001B	Dep. on Window Pattern
Sash to Frame Kit*	4QNV1002B	4QNV1006D	4QNV1002B	4QNV1001B	1
Nylon Hinge Stop	4QNV0120	4QNV0106	4QNV0120	4QNV0106	2
Landing Gate	4QNV0062	4QNV0065	4QNV0062	4QNV0061	1
White 3m Track	4QNV0032	4QNV0034	Buy from Profine	4QNV0031	Dep. on Frame Width
Black 3m Track	4QNV0042	4QNV0044	Buy from Profine	4QNV0041	Dep. on Frame Width
Concealed Casement Hinge LH	4QNV0128	4QNV0128	4QNV0128	4QNV0128	1 of each hand required
Concealed Casement Hinge RH	4QNV0129	4QNV0129	4QNV0129	4QNV0129	1 of each hand required
Magnetic Catch - Main Sash	63mm	63mm	63mm	63mm	1
Magnetic Catch - General	26mm	26mm	26mm	26mm	Dep. on Window Pattern
Roto TSL Backset / Mushroom Height	20/8	20/8	22/9.5	22/8	1
N/V Strike Plate	2RWE0138	2RWE0302	2RWE0302	2RWE0079	Dep. on TSL

*Each window requires 1 x 'Sash to Frame' kit and as many 'Sash to Sash' kits as necessary (to cover all other sliding sashes)

Roto TSL Locking System

Length/Spec	20/8	22/8	20/9.5	22/9.5
300mm	2RWE4501	2RWE4521	2RWE4511	2RWE4531
400mm	2RWE4502	2RWE4522	2RWE4512	2RWE4532
600mm	2RWE4503	2RWE4523	2RWE4513	2RWE4533
800mm	2RWE4504	2RWE4524	2RWE4514	2RWE4534
900mm	2RWE4505	2RWE4525	2RWE4515	2RWE4535
1000mm	2RWE4506	2RWE4526	2RWE4516	2RWE4536
1100mm	2RWE4507	2RWE4527	2RWE4517	2RWE4537
1200mm	2RWE4508	2RWE4528	2RWE4518	2RWE4538

Alpha P-Handle for Inline Sliding Patio Doors



Part of the greenteQ Suite
Handling easily reversed to reduce stock holding
Fits popular Roto and Yale patio door locks
Available with or without profile cylinder (PZ) hole
Covered by the greenteQ 10 year guarantee

Finish	With PZ Hole	Without PZ Hole	Pull Only (No PZ or Lever)	Box Qty
White (RAL9016)	2QHB2001	2QHB2021	2QHB2031	6
Black (RAL9005)	2QHB2004	2QHB2024	2QHB2034	6
PVD Gold	2QHB2005	2QHB2025	2QHB2035	6
Polished Chrome	2QHB2006	2QHB2026	2QHB2036	6
Satin Chrome	2QHB2007	2QHB2027	2QHB2037	6
Smoky Chrome	2QHB2008	2QHB2028	2QHB2038	6
Enduro Steel	2QHB2002	2QHB2022	-	6
Antique Black	2QHB2003	2QHB2023	-	6

Blank External Backplate

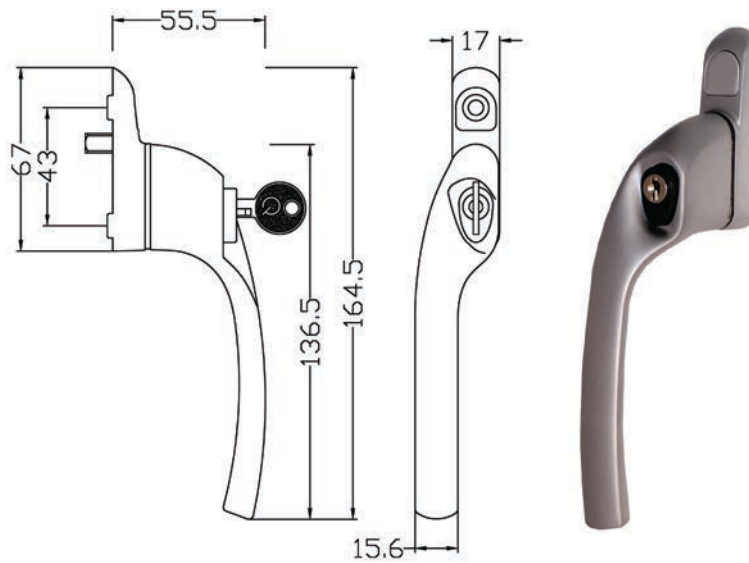
To be used when a handle is only required on the inside of the door

Finish	VBH Code	Box Qty
White (RAL9016)	2QHB2041	4
Black (RAL9005)	2QHB2044	4
PVD Gold	2QHB2045	4
Polished Chrome	2QHB2046	4
Satin Chrome	2QHB2047	4



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Alpha Offset - Locking



Offset locking
Key to lock
Push to release

Spindle Size	White LH	White RH	PVD Gold LH	PVD Gold RH	Polished Chrome LH	Polished Chrome RH	Satin Chrome LH	Satin Chrome RH	Smokey Chrome LH	Smokey Chrome RH	Box Qty
10mm	2QEH1001	2QEH1002	2QEH1003	2QEH1004	2QEH1005	2QEH1006	2QEH1009	2QEH1010	-	-	25
15mm	2QEH1021	2QEH1022	2QEH1023	2QEH1024	2QEH1025	2QEH1026	2QEH1029	2QEH1030	-	-	25
20mm	2QEH1041	2QEH1042	2QEH1043	2QEH1044	2QEH1045	2QEH1046	2QEH1049	2QEH1050	-	-	25
25mm	2QEH1061	2QEH1062	2QEH1063	2QEH1064	2QEH1065	2QEH1066	2QEH1069	2QEH1070	-	-	25
30mm	2QEH1081	2QEH1082	2QEH1083	2QEH1084	2QEH1085	2QEH1086	2QEH1089	2QEH1090	2QEH1093	2QEH1094	25
35mm	2QEH1101	2QEH1102	2QEH1103	2QEH1104	2QEH1105	2QEH1106	2QEH1109	2QEH1110	2QEH1113	2QEH1114	25
40mm	2QEH1121	2QEH1122	2QEH1123	2QEH1124	2QEH1125	2QEH1126	2QEH1129	2QEH1130	-	-	25
50mm	-	-	-	-	-	-	2QEH1169	2QEH1170	-	-	25
60mm	-	-	-	-	-	-	2QEH1229	2QEH1230	-	-	25

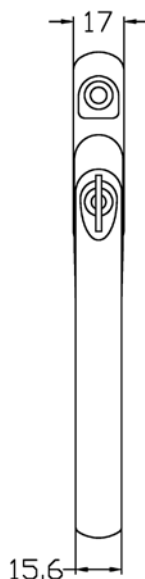
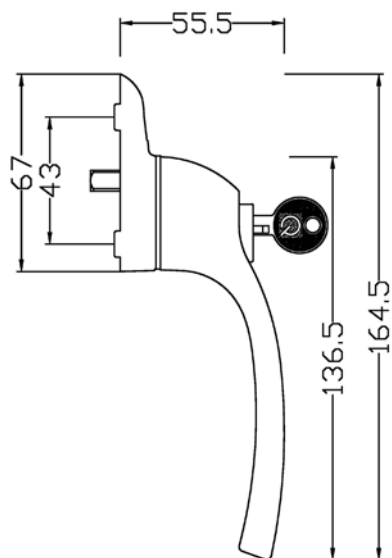
Spindle Size	Black LH	Black RH	Anthracite Grey LH	Anthracite Grey RH	Antique Black LH	Antique Black RH	Enduro Steel LH	Enduro Steel RH	Box Qty
10mm	2QEH1011	2QEH1012	2QEH1019	2QEH1020	-	-	-	-	25
15mm	2QEH1031	2QEH1032	-	-	-	-	-	-	25
20mm	2QEH1051	2QEH1052	-	-	-	-	-	-	25
25mm	2QEH1071	2QEH1072	-	-	-	-	-	-	25
30mm	2QEH1091	2QEH1092	-	-	-	-	-	-	25
35mm	2QEH1111	2QEH1112	2QEH1115	2QEH1116	2QEH1119	2QEH1120	2QEH1117	2QEH1118	25
40mm	2QEH1131	2QEH1132	-	-	-	-	-	-	25
50mm	-	-	-	-	-	-	-	-	25
65mm	-	-	-	-	-	-	-	-	25

Accessories

Description	White	Gold	Brushed Silver	Bright Chrome	Black	Box Qty
Corner Cap	2QEH2001	2QEH2002	2QEH2003	2QEH2006	2QEH2004	1000
Description			White	Black	Green	Box Qty
Keyway Blanking Insert			2QEH2011	2QEH2012	2QEH2013	1000
Description			White	Black	Green	Box Qty
Keyway Blanking Plug			2QEH2031	2QEH2032	2QEH2033	1000
Description					VBH Code	Box Qty
Spare Key					2QEH2000E	1000



Alpha Inline - Locking



Inline locking

Key to lock

Push to release

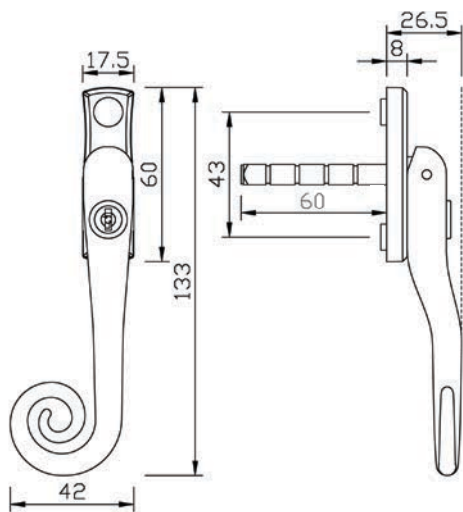
Spindle Size	White RAL9016	PVD Gold	Polished Chrome	Satin Chrome	Box Qty
10mm	2QEH0001	2QEH0002	2QEH0003	2QEH0005	25
15mm	2QEH0011	2QEH0012	2QEH0013	2QEH0015	25
20mm	2QEH0021	2QEH0022	2QEH0023	2QEH0025	25
25mm	2QEH0031	2QEH0032	2QEH0033	2QEH0035	25
30mm	2QEH0041	2QEH0042	2QEH0043	2QEH0045	25
35mm	2QEH0051	2QEH0052	2QEH0053	2QEH0055	25
40mm	2QEH0061	2QEH0062	2QEH0063	2QEH0065	25
50mm	-	-	2QEH0073	2QEH0075	25
55mm	2QEH0091	2QEH0092	2QEH0093	2QEH0095	25
Spindle Size	Smokey Chrome	Black RAL9005	Antique Black	Enduro Steel	Box Qty
10mm	-	2QEH0006	2QEH0009	2QEH0008	25
15mm	-	2QEH0016	2QEH0019	2QEH0018	25
20mm	-	2QEH0026	-	-	25
25mm	-	2QEH0036	-	-	25
30mm	2QEH0047	2QEH0046	-	-	25
35mm	2QEH0057	2QEH0056	2QEH0059	2QEH0058	25
40mm	2QEH0067	2QEH0066	-	-	25
50mm	-	-	-	-	25
55mm	2QEH0097	2QEH0097	-	-	25

Accessories

Description	White	Gold	Brushed Silver	Bright Chrome	Black	Box Qty
Cover Cap	2QEH2001	2QEH2002	2QEH2003	2QEH2006	2QEH2004	1000
Description			White	Black	Green	Box Qty
Keyway Blank ng Insert			2QEH2011	2QEH2012	2QEH2013	1000
Description			White	Black	Green	Box Qty
Keyway Blank ng Plug			2QEH2031	2QEH2032	2QEH2033	1000
Description					VBH Code	Box Qty
Spare Key					2QEH2000E	1000



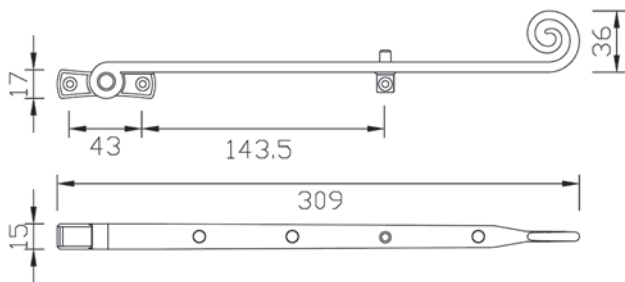
Monkey Tail Espagnolette Handle



Gives modern windows a more traditional look
Ideal for flush sash windows
Key lockable with working cylinder
'Lift to Turn' operation prevents droop and protects against manipulation
60mm spindle with easy adjustment (screws also notched)
Slim aesthetic balance for frame bearing and improved appearance
Designed as an espagnolette handle. Balance is aesthetically correct
slim width so there are no unsightly machining marks
Black fixings included with handle
10 year greenteQ guarantee

Description	VBH No	Box Qty
LH Monkey Tail Handle Black	2QEH6011	25
RH Monkey Tail Handle Black	2QEH6012	25

Monkey Tail Dummy Casement Stay



Gives modern windows a more traditional look
Ideal for flush sash windows
Stay is unhandled – reduced stock holding
Black fixings included with stay
10 year greenteQ guarantee

Description	VBH No	Box Qty
Dummy Monkey Tail Casement Stay	2QEH6021	25

Alpha - Locking

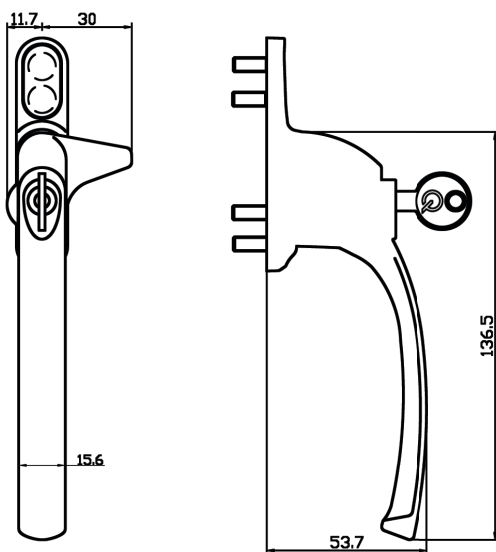


Image shows 12mm upstand handle



Offset locking

Key to lock

Push to release

All handles are supplied with key and overlay caps

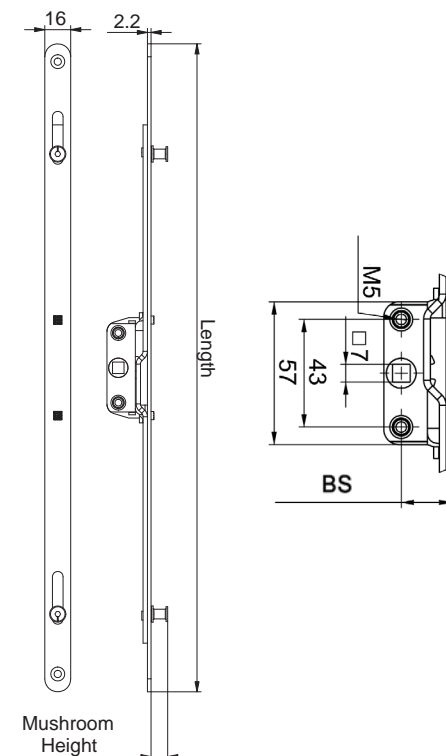
Upstand	White LH	White RH	P.Gold LH	P.Gold RH	P.Chrome LH	P.Chrome RH	S.Chrome LH	S.Chrome RH	Black LH	Black RH	Box Qty
12mm	2QCH0001	2QCH0002	-	-	2QCH0005	2QCH0006	2QCH0009	2QCH0010	2QCH0011	2QCH0012	25
21mm	2QCH0021	2QCH0022	2QCH0027	2QCH0028	2QCH0025	2QCH0026	2QCH0029	2QCH0030	2QCH0031	2QCH0032	25

Accessories

Description					VBH Code	Box Qty
Spare Key					2QEH2000E	1000
Description	White	Gold	Silver	Black	Pol.Silver	Box Qty
Co r Cap	2QCH2001	2QCH2002	2QCH2003	2QCH2004	2QCH2006	1000
Description			White	Black	Green	Box Qty
Key ay Blank ng Insert			2QEH2011	2QEH2012	2QEH2013	1000
Description			White	Black	Green	Box Qty
Key ay Blank ng Plug			2QEH2031	2QEH2032	2QEH2033	1000
Description			Height	White	Black	Box Qty
Colsp ur Wedge			3mm	2QCH2018	2QCH2017	100
Colsp ur Wedge			4mm	2QCH2016	2QCH2015	100
Colsp ur Wedge			5mm	2QCH2014	2QCH2013	100



Window Espagnolette



Inline gearbox

Flat 16mm faceplate for Eurogroove fit

Length	No of MB	20BS 7.7MB	22BS 7.7MB	20BS 9MB	22BS 9MB	Box Qty
250mm	2	2QWE1198	2QWE1174	2QWE1210	2QWE1204	10
400mm	2	2QWE1199	2QWE1175	2QWE1211	2QWE1205	10
600mm	2	2QWE1200	2QWE1176	2QWE1212	2QWE1206	10
800mm	2	2QWE1201	2QWE1177	2QWE1213	2QWE1207	10
1000mm	3	2QWE1202	2QWE1178	2QWE1214	2QWE1208	10
1200mm	3	2QWE1203	2QWE1179	2QWE1215	2QWE1209	10

Striker Plates*

Description	VBH Code	Box Qty
Mushroom N/V Striker	2QWE - - - -	200

*Contact VBH for profile related parts specification

Notes

Notes

Notes

Frit ion Stag - Standard & Egress/Easy Clean



greenteQ

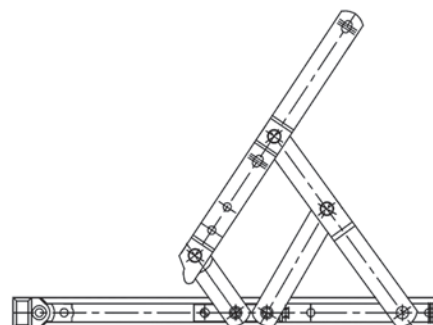
Delta

Standard - Top Hung

17mm Stak Height

Sold in pairs

Size	Max Sash Width (mm)	Max Sash Height (mm)	Max Sash Weight Kg	Max Angle	VBH Code	Box Qty
8"	1200	300	10	62°	2QFH1031	50
10"	1200	450	16	90°	2QFH1032	50
12"	1200	600	21	86°	2QFH1033	25
16"	1200	750	22	83°	2QFH1034	25
20"	1200	900	24	42°	2QFH1035	25
24"	1200	1500	50	38°	2QFH1036	25



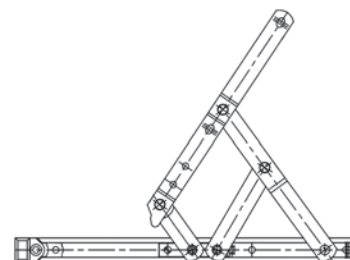
Standard - Side Hung

Sold in pairs

Size	Max Sash Width (mm)	Max Sash Height (mm)	Max Sash Weight Kg	Max Angle	VBH Code	Box Qty
12"	650	1250	20	60°	2QFH1033	25
16"	700	1300	28	48°	2QFH1034	25

Egress / Easy Clean - Side Hung

17mm Stak Height



Sold in pairs

Not on end a ps

Size	Max Sash Width (mm)	Max Sash Height (mm)	Max Sash Weight Kg	Max Angle	VBH Code	Box Qty
12"	600	1200	18	85°	2QFH1041	50
16"	600	1200	21	85°	2QFH1042	25

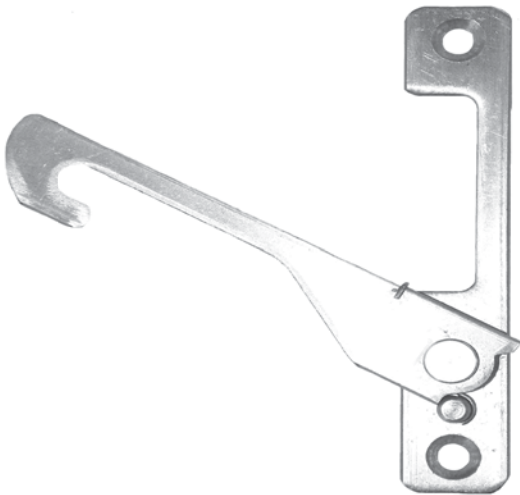
Delta Hinge Protector Friction Stay Security Device



Sold singularly

Size	VBH Code	Box Qty
13mm Stale	2QFH0061	100
17mm Stale	2QFH0062	100

VBH - Auto-Latch Casement Restrictor

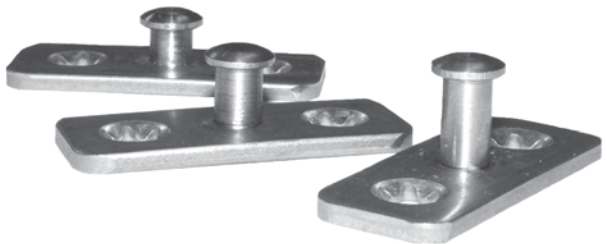


Stainless steel
Concealed casement restrictor

Description	VBH Code	Box Qty
LH	2ACC0031	50
RH	2ACC0032	50

Restrictor shown is LH

Striker Posts



Stainless steel

Description	VBH Code	Box Qty
9.5mm	2ACC0003	50
10.5mm	2ACC0004	50
11.5mm	2ACC0005	50
14.5mm	2ACC0006	50



Tilt & Turn Hardware

Artech Tilt & Turn in Association with greenteQ

Artech is supplied in 'Activeage' active hi-protection surface finish. This is a 3 stage finish incorporating layers of zinc, chromic passivation with silica Nano particles, and finally an organic mineral active hermetic protection coating. Activeage provides outstanding levels of corrosion resistance, withstanding 2000 hours neutral salt spray testing to EN ISO 9227. This makes the Artech system ideally suited to installations in coastal or concentrated heavy industry regions, or in areas with other aggressive atmospheres, such as those with high airborne ammonia levels.

Artech is covered by the Q-secure hardware guarantee.

Benefits at a glance:

- Surface fit, rebated jigless and Plana concealed hinge options
- Up to 130KG sash weight as standard
- Anti-Burglar mushroom cams provide two levels of security
- Meets the requirements of PAS24
- 1-piece cam construction provides greater strength
- Cams are adjustable for both compression and height
- Cam supporting plate means even security windows operate very smoothly
- Choice of centre locks for optimum weather and security performance
- 'Crop & Punch' and 'Crop & Cover' connection options
- Linear gearbox design for better aesthetics
- Extended gearbox sides contribute to smooth action and longer life
- Anti-mishandling device doubles as sash guide to ensure smooth closing
- Two tilt positions
- Standard Activeage 3-stage surface protection tested to 2000 hours NSS
- Covered by Q-secure hardware security guarantee

Artech tilt & turn hardware can be ordered in bulk or 'per set', using the VBH Product Configurator.

Please send us details of your windows using the form opposite.

Attn VBH:

Please supply/quote for *AGB hardware to suit the below specification

*Delete as appropriate



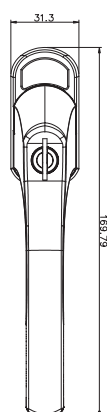
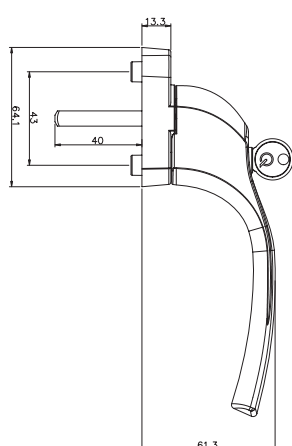
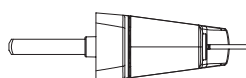
Tilt & Turn Hardware Set

Hardware Manufacturer	AGB	<input checked="" type="checkbox"/>			
Hardware System					
Hinge Type	Face Fix	<input type="checkbox"/>	Jigless	<input type="checkbox"/>	Concealed
Security Level Required	Standard	<input type="checkbox"/>	Security	<input type="checkbox"/>	
Your Profile System (Include profile numbers if known)	Name	<input type="checkbox"/>	Sash No.	<input type="checkbox"/>	Frame No.
Handing (viewed from inside)*	Left	<input type="checkbox"/>	Right	<input type="checkbox"/>	
Cover Cap Colour* (If applicable)	White	<input type="checkbox"/>	Brown	<input type="checkbox"/>	
Drive Gear Backset Options	Slim 7.5mm	<input type="checkbox"/>	Standard 15mm	<input type="checkbox"/>	
Cropping Method	Straight Crop / Cut	<input type="checkbox"/>	Joggled Crop With Punched Hole	<input type="checkbox"/>	
Sash Rebate Width*					
Sash Rebate Height*					
Do You Require a Handle?					
Yes (insert Item Code)**	<input type="checkbox"/>			No	<input type="checkbox"/>
*If you are ordering more than one set please indicate any additional window specifications in the box below (including sizes, handing, colour & handle option):					
**If you require a handle please select from the options in our catalogue and indicate relevant item code in box					

Company Name		Acc Number	
Contact Name		Order No	
Email Address		Fax No	
Sign		Date:	

Fax to:	Gillingham	01634 263504		East Kilbride:	01355 239986	
				Swansea	01792 798902	

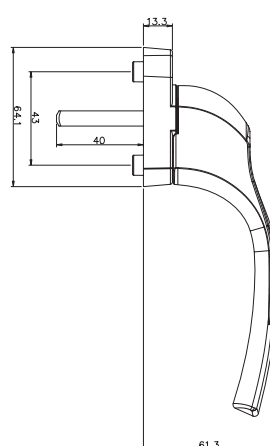
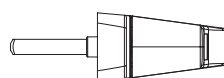
Alpha TBT - Locking



40mm spindle length
Part of the greenteQ suite
TBT function for child safety
Locates in 4 positions at 90° intervals
Supplied with cover caps, fixings and key

Finish	VBH Code	Box Qty
White	2QTT0061	10/60
Black	2QTT0066	10/60
PVD Gold	2QTT0062	10/60
Polished Chrome	2QTT0063	10/60
Satin Chrome	2QTT0065	10/60
Anthracite Grey	2QTT0067	10/60
Smokey Chrome	2QTT0068	10/60
Enduro Steel	2QTT0069	10/60

Alpha TBT - Non-Locking



40mm spindle length
Non-locking handle for basic tilt and turn windows
Part of the greenteQ suite
Locates in 4 positions at 90° intervals
Supplied with cover caps and fixings

Finish	VBH Code	Box Qty
White	2QTT0261	10/60
Black	2QTT0266	10/60
PVD Gold	2QTT0262	10/60
Polished Chrome	2QTT0263	10/60
Satin Chrome	2QTT0265	10/60
Anthracite Grey	2QTT0267	10/60
Smokey Chrome	2QTT0268	10/60
Enduro Steel	2QTT0269	10/60

Accessories

Description	White	Black	Green	Box Qty
Cover Cap	2QTT0101	2QTT0102	2QTT0103	1
Description			VBH Code	Box Qty
Spare Key			2QTT0106	1

Gearboxes

Tilt and turn can be subjected to a great deal of misuse, which can often lead to parts failure.

Frequently the sash can drop, causing the locking arms bottom out on the strike plates before engaging fully. The stress this causes can lead to the gearbox failing.

Rather than source and replace the complete drive gear, or even re-gear the whole sash if the hardware system is no longer available, it is often easier to replace just the gearbox.

We have developed replacement gearboxes for some of the most widely used tilt and turn systems to enable repair professionals to get faulty windows working again quickly, and properly.

Finish	VBH Code	Box Qty
Standard Replacement to Suit Aubi	2QMA0055	1
Standard Replacement to Suit Maco Trend	2QMA0056	1
Standard Replacement to Suit Roto Centro	2QMA0057	1
Standard Replacement to Suit Roto NT	2QMA0058	1
Standard Replacement Gearbox to Suit Siegenia Favorit/Si-Line	2QMA0059	1
Standard Replacement to Suit Winkhaus	2QMA0060	1
Enduro Steel	2QTT0269	10/60

Gearbox to suit Aubi



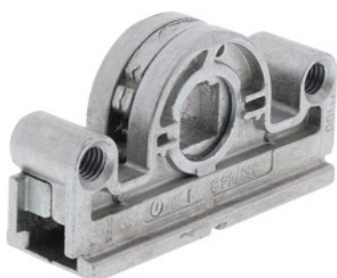
Description	VBH Code	Box Qty
Gearbox to suit Aubi	2QMA0055	1

Gearbox to suit Maco Multi 2000 & Trend



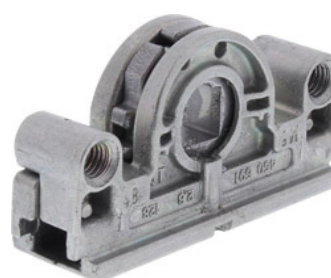
Description	VBH Code	Box Qty
Gearbox to suit Maco Multi 2000 & Trend	2QMA0056	1

Gearbox to suit Roto Centro



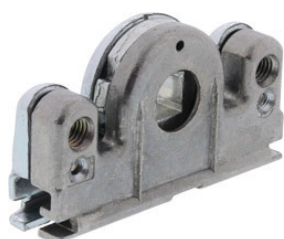
Description	VBH Code	Box Qty
Gearbox to suit Roto Centro	2QMA0057	1

Gearbox to suit Roto NT



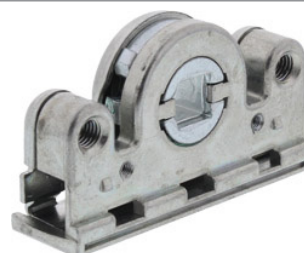
Description	VBH Code	Box Qty
Gearbox to suit Roto NT	2QMA0058	1

Gearbox to suit Siegenia Favorit & Si-Line



Description	VBH Code	Box Qty
Gearbox to suit Siegenia Favorit & Si-Line	2QMA0059	1

Gearbox to suit Winkhaus



Description	VBH Code	Box Qty
Gearbox to suit Winkhaus	2QMA0060	1

Notes

Ventilators	84
Q-Vent Tip Vents	84
Adhesive	85
2C-Alu 2 Part Aluminium Adhesive	85
1C 1 Part Aluminium Adhesive	85
Maintenance Sprays & Lubricants	85
Silicone Spray	85
Cleaner	85
Alu Cleaner	85

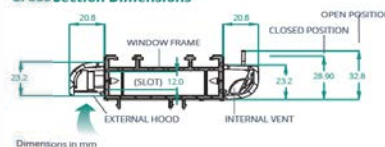
Q-Vent



Airflow Guide

Geometric Open Area (mm ²)	Equivalent Area (mm ²)	Slot Height (mm)	Overall Slot Length (mm)	Fixing Method	Overall Vent Length (mm)	Overall Hood Length (mm)
4000	2700	12	396 (SCREW HOLE CENTRE)	Screw Fix Only	430	430
4000	2700	12	396 (SCREW HOLE CENTRE)	Screw and/or Clip Fix		
3000	2500	16	289 (SCREW HOLE CENTRE)	Screw Fix Only	315	315
3000	-	12	289 (SCREW HOLE CENTRE)	Screw and/or Clip Fix		
2000	1400	12	215 (SCREW HOLE CENTRE)	Screw and/or Clip Fix	249	249

Cross Section Dimensions



Q-Vent Tip Vent is a frame mounted plastic window ventilator.

It is available from stock in 2000, 3000 and 4000mm² free area sizes, providing 1400, 2500 and 2700mm² equivalent area respectively.

Tip Vents are supplied as a set (internal vent and external hood complete with inset grille) in seven attractive colours (see list on leaflet). Dual Colour sets are also available from stock. Bespoke colours are available to special order.

The internal vent features a positive open and close action, whilst the 4000 version offers a dual opening inner, providing 2 airflow options. Airflow is always deflected upwards on all sizes.

Standard Q-Vent Tip Vents are screw fix but a clip fix option is available to special order on some versions.

Specifications

- Air Permeability (tested to BS EN 13141-1): 50Pa-3.9l/s (closed position)
- Water Tightness (tested to BS EN 13141-1): No leakage @ 600 Pa
- Acoustics (tested to BS EN ISO 717-1:1999 & BS EN ISO 10140-2 2011)
- Under normal circumstances the vent abides by the following results:

Open - up to 32 Dne W
Closed - up to 37 Dne W

Order Codes

Description	2000/1400 mm ²	3000/2500 mm ²	4000/2700 mm ²
White	5QSV0001	5QSV0021	5QSV0041
Black	5QSV0003	5QSV0023	5QSV0043
Anthracite Grey (RAL7016)	5QSV0006	5QSV0026	5QSV0046
Light Grey (RAL7040)	5QSV0008	5QSV0028	5QSV0048
Brown (RAL8017)	5QSV0004	5QSV0024	5QSV0044
Oak (RAL8003)	5QSV0005	5QSV0025	5QSV0045
Cream (RAL9001)	5QSV0002	5QSV0022	5QSV0042
Chartwell Green	5QSV0007	5QSV0027	5QSV0047
White In/Black Out	5QSV0013	5QSV0033	5QSV0053
White In/Anthracite Grey Out	5QSV0016	5QSV0036	5QSV0056
White In/Light Grey Out	5QSV0018	5QSV0038	5QSV0058
White In/Brown Out	5QSV0014	5QSV0034	5QSV0054
White In/Oak Out	5QSV0015	5QSV0035	5QSV0055
White In/Cream Out	5QSV0012	5QSV0032	5QSV0052
White In/Chartwell Green Out	5QSV0017	5QSV0037	5QSV0057

2C-alu 2 Part Aluminium Adhesive



Ideal for bonding the corners of anodised and powder coated aluminium windows, doors and facades
Products bonded with 2C-alu adhesive can be powder coated
Also suitable for bonding GFR sandwich elements, HPL or other aluminium products
Dual cartridge and static mixing tube makes it easy to apply with the applicator gun
Solvent-free, thixotropic does not drip and weather resistant
Available in 550g or 900g twin cartridge units

Description	VBH Code	Box Qty
2C Twin Cartridge 550g White	2QTC0031	10
2C Twin Cartridge 550g Beige	2QTC0032	10
2C Twin Cartridge 900g White	2QTC0033	10
2C Twin Cartridge 900g Beige	2QTC0034	10
2C Twin Cartridge 900g Anthracite Grey	2QTC0038	10
Static Mixing Tube	2QTC0037	75
Manual Applicator Gun	3COS0074	1

Silicone Spray



Provides grease-free stainless lubrication in a neat non-resinous film
Protects, anti-seize, mould release and preservative agent for plastics, metals, wood and rubber
Huge application range
Protects against oxidation and corrosion thanks to its water repellent and anti-static properties
High temperature resistance
Good electrical resistance
Frees up seized and squeaky parts
Protects against embrittlement

Description	VBH Code	Box Qty
Silicone Spray 400ml Aerosol Can	2QTC0045	12

1C- 1 Part Aluminium Adhesive 819



This solvent and odour-free 1 part adhesive is ideal for bonding corner angles in many materials
Very fast bonding time when oversprayed with water
Ensure you read the safety Data Sheet prior to purchasing

Description	VBH Code	Box Qty
1C Adhesive White 310ml	2QTC0173	20

Alu-cleaner Aluminium Cleaner



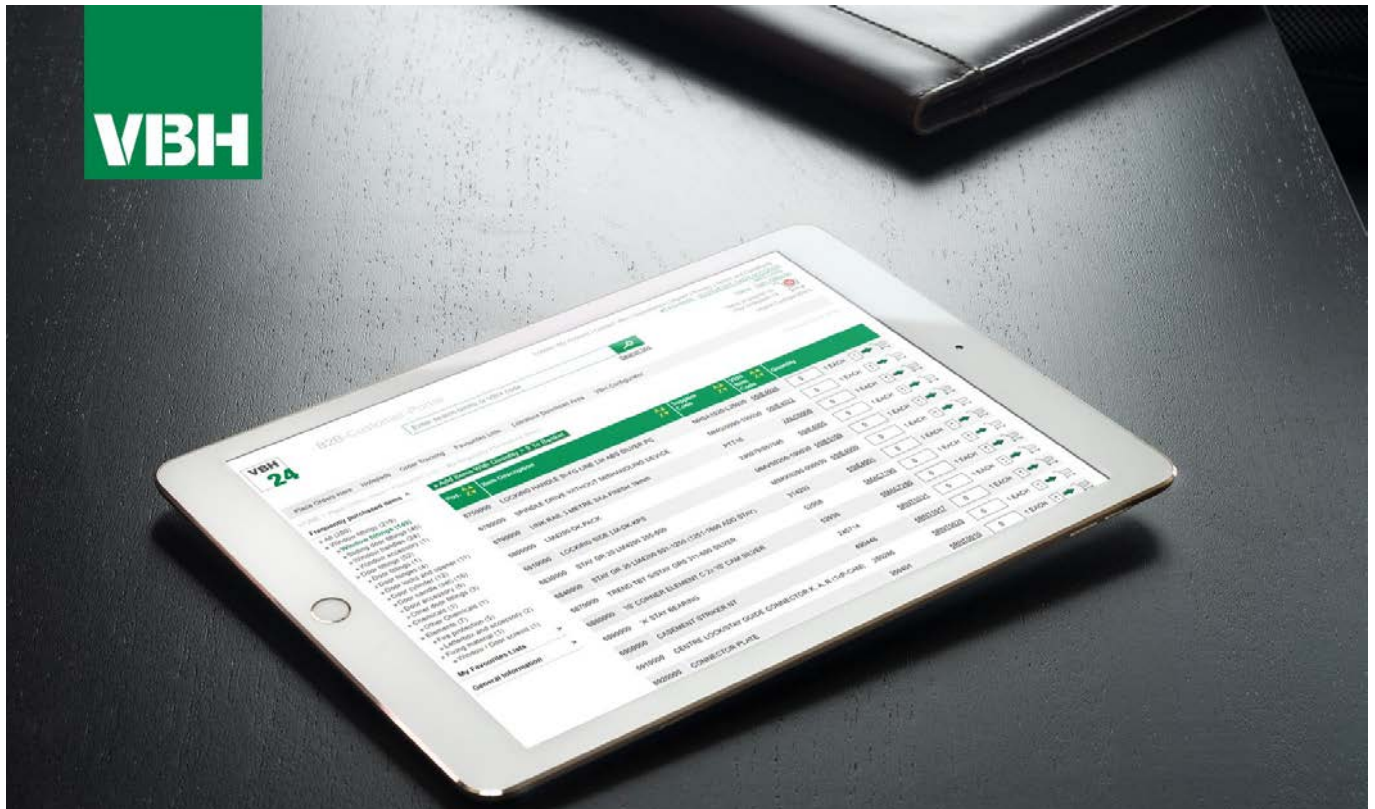
Fast drying special cleaner for anodised and powder coated aluminium profiles
Removes dust, protective film residue, wax pencil, rubber residue, fixing foam, fresh sealant residue and tar/bitumen splash residue
Ideal for the cleaning of surfaces prior to bonding with adhesives such as greenteQ 2C-alu adhesive
Recommended as a cleaning agent and for diluting various adhesives systems
For industrial/workshop use only (not for domestic use)

Description	VBH Code	Box Qty
Alu-cleaner 1L Can	2QTC0043	10

This is a snapshot of the greenteQ construction chemical range. Visit www.greenteQ.info to view the full selection.

Notes

Do you use VBH24 to manage your account and buy from VBH online?



If you don't you're missing out on a host of benefits including:

- Full ordering function
- Free delivery on orders over £100 value*
- Live stock availability
- Current price checks
- Access to VBH Product Configurator for Bi-Folds, Tilt & Turns etc
- Order tracking facility
- Live Gala special offer feed
- Favourites list

Ask your Area Sales Manager to enrol you now or enter your details at www.vbhgb24.com





What is the Q-secure guarantee?

We are so confident in the strength and performance of our greenteQ and associated hardware that we will pay your customers if they are broken into via your windows, doors or patios if the intrusion is caused by the failure of a product covered by the guarantee.

What does Q-secure give your customers?

In the event of a break-in where access has been gained due to a hardware failure VBH will:

- Pay up to £250 towards the cost of employing an emergency locksmith, glazier or boarding up company in the immediate aftermath of a break-in.*
- Pay up to £1000 towards the cost of repairing or replacing the door or window*
- Pay up to £1000 towards the customer's insurance excess payment*
- We will make a goodwill payment of £1000 to the customer to alleviate their distress*

Which products are covered by Q-secure?

Look for the Q-secure logo on each page to see which greenteQ products are covered.

As well as the respected greenteQ range we also supply many other top quality brands and we have pulled together the best under Q-secure to provide a selection of hardware that has all been successfully tested to the relevant British Standards PAS24 security test.

Q-secure covers the following products:

Outward Opening Windows -

Locking systems
Handles
Friction stays
Friction stay security devices

Residential Doors -

Multi-point locks
Profile cylinders
Hinges
Handles
Letterboxes
Knockers

Tilt & Turn Windows -

Perimeter locking hardware
Handles

Patios -

Clearspan bi-folding door gear
Invisifold Slide & Fold door gear

Please contact us or visit www.qsecure.co.uk for further details

*Terms and conditions apply

VBH (GB) Ltd 10 Year Guarantee

10
Years

greenteQ 10-year Guarantee: Our Promise

VBH has every confidence that the greenteQ product range will delight our customers in terms of appearance and performance.

greenteQ products are designed for the UK and European window and door markets to conform to a multitude of standards including BS and EN where applicable. Quality benefits are built into the manufacturing processes and supply chain so that reliability leads industry standards.

The 10-year guarantee for performance and reliability is provided subject to the product being fitted and maintained in accordance with VBH guidelines and shall not be subject to stresses and operating forces beyond normal levels.

In the unlikely event of a product failing within the 10 year guarantee period as a result of defect in manufacture or design, VBH (GB) Ltd will replace it free of charge or credit its original purchase value. The component must be returned to us or inspected by VBH on site to agree the cause of failure. The credit shall not exceed the original value of the part.

This guarantee does not apply to any mechanical or surface finish fault if it is caused by wilful or neglectful damage or inappropriate behaviour. It also does not apply to surface finishes if the product is installed in an area of particularly aggressive atmospheric conditions, such as coastal or heavy industrial/polluted environments.

This guarantee does not affect your statutory rights.

greenteQ

VBH

VBH (GB) Ltd 25 Year Guarantee

25
Years

greenteQ 25-year Guarantee: Our Promise

VBH has every confidence that the greenteQ Coastline Stainless Steel product range will delight our customers in terms of appearance and performance.

greenteQ Coastline products are designed for the UK and European window and door markets to conform to a multitude of standards including BS and EN where applicable. Quality benefits are built into the manufacturing processes and supply chain so that reliability leads industry standards.

The 25-year guarantee for performance and reliability is provided subject to the product being fitted and maintained in accordance with VBH guidelines and shall not be subject to stresses and operating forces beyond normal levels.

In the unlikely event of a greenteQ Coastline product failing within the 25 year guarantee period as a result of defect in manufacture or design, VBH (GB) Ltd will replace it free of charge or credit its original purchase value. The component must be returned to us or inspected by VBH on site to agree the cause of failure. The credit shall not exceed the original value of the part.

This guarantee does not apply to any mechanical or surface finish fault if it is caused by wilful or neglectful damage or inappropriate behaviour.

This guarantee does not affect your statutory rights.

greenteQ

VBH

For guaranteed performance and long term reliability all products must be installed and maintained* in accordance with the following recommended guidelines.

Window & Door Handles and Furniture

- Handle screws must not be over tightened as this may impair the operation of the hardware.
- All turning points on handles must be lightly lubricated twice per year.
- Surfaces must be regularly cleaned with a soft damp cloth to remove any dust or grime, taking care not to scratch the surface.

Window and Door Hinges

- Ensure that the correct size and type of hinge detailed in the relevant brochure is fitted according to window/door type, size and weight.
- Fixings must be into reinforcement using corrosion resistant screws taking care not to over tighten them.
- All pivot points must be lightly lubricated, fixings checked and the friction stay sliding channel wiped with a clean cloth, twice per year.

Window and Door Locking Mechanisms

- Profile to be routed for gearbox in accordance with hardware manufacturer's guidelines, copies of which are available upon request.
- Excess swarf must be removed.
- Final adjustments should be made after installation to ensure positive engagement of all locking points and smooth closing operation.
- Any build up of dirt on all moving parts must be removed regularly. These points must be lubricated at the same time.

***Simple maintenance kits are available from VBH. Please ask.**

Useful Contact Information



The following information may be useful to you when seeking to contact the correct person within VBH to deal with your query.

External Team

Area Sales Managers & Representatives

		Tel:	Email:
Harriet Adams	Area Sales Representative	07740 401348	harriet.adams@vbhgb.com
Gareth Dix	Area Sales Representative	07384 833381	gareth.dix@vbhgb.com
Tyler Shutts	Area Sales Manager	07740 401347	tyler.shutts@vbhgb.com
Colin Thomas	Area Sales Manager	07702 831656	colin.thomas@vbhgb.com
Phil Thomas	Area Sales Manager	07970 185640	philip.thomas@vbhgb.com
Des Turnbull	Area Sales Manager	07740 401340	des.turnbull@vbhgb.com

Regional Managers

Adrian Gale	Regional Sales Manager - North of England & Wales	07740 401348	adrian.gale@vbhgb.com
Dan Powell	Regional Sales Manager - South of England & Wales	07384 833381	dan.powell@vbhgb.com
Allan Prie	General Manager - Scotland & Northern Ireland	07740 401347	allan.prie@vbhgb.com

Key Account Manager

Jan Holland	Key Account Manager	07740 401350	jan.holland@vbhgb.com
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Internal Team

Customer Service

		Tel:	Email:
Sarah Talbot	Internal Sales Manager	01634 263300	sarah.talbot@vbhgb.com
Louise Eagle	Customer Service Team Leader - Gillingham	01634 263300	louise.eagle@vbhgb.com
Tamara Bridgland	Customer Service Coordinator - Gillingham	01634 263300	tamara.bridgland@vbhgb.com
Karen Campbell	Customer Service Coordinator - Gillingham	01634 263300	karen.campbell@vbhgb.com
Lyn Martin	Customer Service Coordinator - Gillingham	01634 263300	lyn.martin@vbhgb.com
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www.vbhgb24.com	VBH24 Online Shop
www.qsecure.co.uk	Q-seal Hardware Guarantee
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