

## Features and Benefits



- \* Engineered with a unique 3D adjustability for ease of application and long term trouble-free performance
- \* Designed for modern chamfered profiles, allowing fixings to the door to be supported in the eurogroove
- \* Security of the pin is achieved by a concealed grub screw fixing protected by the closed door
- \* Available in two options—20/13mm, and 22/13mm, allowing 3D adjustment for lateral height & compression while the door is closed
- \* Available in White, Brown, Light Brown, Gold and Chrome finishes

### Technical Information

#### Material Specification

Hinge Body:	Zinc alloy casting
Euro Rebate Flag:	Zinc Alloy casting
Hinge Pins:	Stainless Steel
Grub Screw:	Stainless Steel
Bushes:	Black POM (Acetal)
Cover Caps:	White, brown or black POM (Acetal)
Packers:	White, brown or black PA Nylon

#### Additional Information

Individually packed, 24 hinges per box (Fixing screws not supplied)  
Fixing Jigs available on request.

#### Operation

Endurance tested to over 50,000 cycles

#### Adjustability

Lateral +2mm/-2mm, Height +3mm, Compression -0.5mm/+0.5mm

#### Max Weight Per Door

3 Hinges up to 100kg

#### Corrosion Resistance

Meets the requirements of BS EN 1670:1998 - White/Brown polyester powder paint and PVD Gold - 240 hours, Electroplated Gold -96 hours

#### Maintenance

All moving parts should be lightly lubricated using a light non-acidic mineral oil (E.g. "3 in 1") twice per year and the surface cleaned with a soft damp cloth.

The product may need to be adjusted and fixings tightened to ensure a satisfactory operation

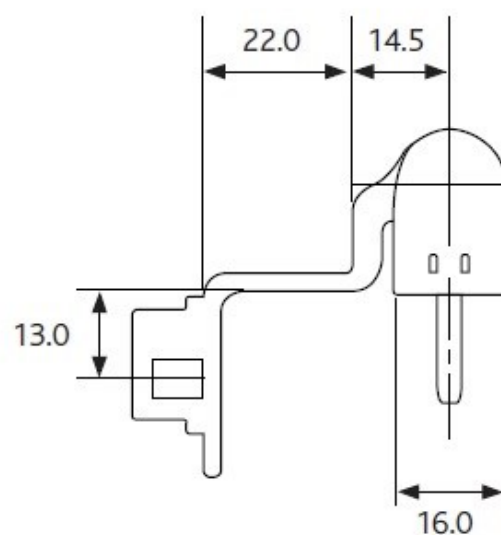
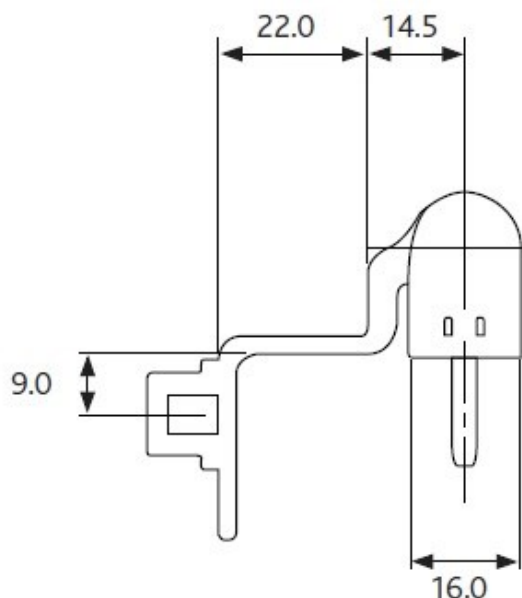
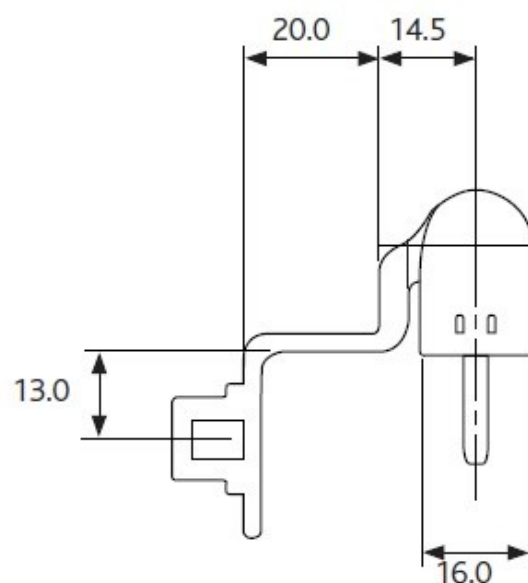
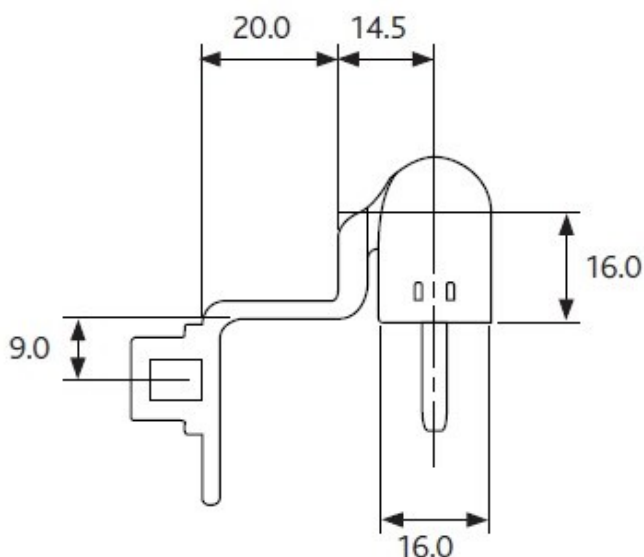
## Window & Door Accessories Ltd.

Richmond House, Newtown Avenue, Malahide Road Industrial Park, Dublin 17

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## Technical Drawing



### Product Codes

Product Code	Description	Finish
B4600-01-WH	Challenger Door Hinge, Body	White
B4620-20-WH	Euro Rebate Flag, 20/13	White
B4620-20-BRW	Euro Rebate Flag, 20/13	Brown
B4620-22-WH	Euro Rebate Flag, 22/13	White
B4620-22-BRW	Euro Rebate Flag, 22/13	Brown

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