ADJUSTABLE 3D CONCEALED HINGES FOR DOORS

EUROSPEC
Introduction

Eurospec is a brand of Carlisle Brass used for commercially orientated hardware.

Products are designed to provide beautifully engineered door hardware for the specification market.

This concealed hinge range will provide a cost effective solution that can be used both commercially or for residential projects.

Eurospec brand products include:

- High specification hinges
- Door control mechanisms
- Panic hardware
- Cylinder locks
- Mortice locks and latches

Carlisle Brass Ltd. is an ISO 9001 and ISO 14001 certified company, which means that Eurospec branded products are fully traceable from point of manufacture to customer and that the environmental impact is being constantly measured and improved.

Accredited products carrying the Eurospec brand are stringently tested to ensure they comply to the latest regulations, which makes Eurospec branded products the ideal choice for the professional installer, architect or specifier.
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Adjustable 3D concealed hinges for doors

Eurospec is working with European manufacturer Ceam to provide UK distribution of industry leading concealed door hinge solutions.

A range of adjustable concealed hinges

- Fire rated
- Fully reversible
- Shallow mortice
- Removable knuckle
- Maintenance free
- No visible fixings
- 100% European made
- UK stocked for next day delivery
- Intumescent kits available to suit
- Routing jigs and templates available for ease of installation

Available in a variety of finishes:

- ARG - Silver
- BRO - Bronze plated
- BRS - Antique satin bronze
- NIK - Nickel plated
- NNE - Matt nickel
- VCH - SS plated
- VNO - Matt black

Key to symbols

- Suitable for use in commercial environments.
- Suitable for use in residential environments.
- 10 Year Mechanical Guarantee.
- The UK Construction Products Regulations require that door hardware for use on fire doors be safe and durable.
Adjustable concealed hinges for doors

CEAM 3D CONCEALED HINGE 1129

Product Codes
CI001129BR000
CI001129NIK00
CI001129OTT00
CI001129VCH00

A concealed medium duty hinge for unrebated, flush faced quality timber doors. Has removable cover plates to conceal the adjustment screws. Comes with a 10 year mechanical guarantee.

Available finishes

Suitable for doors from 28mm thick
Suitable to doors of 25kg load (2 hinges)
Suitable to doors of 40kg load (3 hinges)
Maximum width up to 850mm
Depth 18mm
Reversible on doors from 28mm to 31mm thick
Fit no more than 4.5mm from door and frame edge
Non-fire rated

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Adjustable concealed hinges for doors

CEAM 3D CONCEALED HINGE 1130

Product Codes
CI001130BRO00
CI001130BRS00
CI001130NIK00
CI001130NNE00
CI001130OTT00
CI001130VCH00
CI001130VNO00

A concealed medium duty hinge for unrebated, flush faced quality timber doors. Has removable cover plates to conceal the adjustment screws. Comes with a 10 year mechanical guarantee.

Available finishes

Suitable for doors from 30mm thick
Suitable to doors of 40kg load (2 hinges)
Suitable to doors of 60kg load (3 hinges)
Maximum width up to 1000mm
Depth 21mm
Reversible on doors from 30mm to 33mm thick
Fit no more than 4.5mm from door and frame edge
Fire rated FD30 timber
Fire kit ref ES1130
Adjustable concealed hinges for doors

CEAM 3D CONCEALED HINGE 1131

Product Codes
CI001131BR000
CI001131BR500
CI001131NIK00
CI001131NNE00
CI001131OTT00
CI001131VCH00
CI001131VNO00

A concealed heavy duty hinge for unrebated, flush faced quality timber doors. Has removable cover plates to conceal the adjustment screws. Comes with a 10 year mechanical guarantee.

Available finishes

Suitable for doors from 38mm thick
Suitable to doors of 80kg load (2 hinges)
Suitable to doors of 120kg load (3 hinges)
Maximum width up to 1000mm
Depth 29mm
Reversible on doors from 38mm to 46mm thick
Fit no more than 7mm from door and frame edge
Fire rated FD30/60 and E120* timber
Fire kit ref ES1131 (not E120)
Adjustable concealed hinges for doors

CEAM 3D CONCEALED HINGE 1230

Product Codes
CI001230BRO00
CI001230BRS00
CI001230NIK00
CI001230NNE00
CI001230VCH00
CI001230VNO00

A concealed heavy duty hinge for unrebated, flush faced quality timber doors. Has removable cover plates to conceal the adjustment screws. Comes with a 10 year mechanical guarantee.

Available finishes

BRO  BRS  NIK  NNE  VCH  VNO

Suitable for doors from 35mm thick
Suitable to doors of 50kg load (2 hinges)
Suitable to doors of 70kg load (3 hinges)
Maximum width up to 1000mm
Depth 21mm
Reversible on doors from 35mm to 45mm thick
Fit no more than 7.5mm from door and frame edge
Fire rated FD30 timber
Fire kit ref ES1230

NEW
Adjustable concealed hinges for doors

CEAM CONCEALED HINGES 1080
FOR GLASS DOORS

Product Codes
CI001080NARGVT
CI001080NIKVT

Suitable for door jamb of minimum 30mm thick
Suitable for 8 and 10mm glass
Suitable to doors of 40kg load (2 hinges)
Suitable to doors of 60kg load (3 hinges)
Maximum width up to 850mm
Total length 134mm
Depth 21mm
2D (vertical and depth) adjusting system
Non-fire rated

Available finishes

ARG
NIK

NEW
Concealed hinge selector chart

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>No of UK stock finishes</th>
<th>Inner box qty</th>
<th>Mortice depth</th>
<th>Min. door width</th>
<th>Max. distance from leading</th>
<th>Range of reversibility when fitted in centre of door</th>
<th>Load capacity 2 hinges</th>
<th>Load capacity 3 hinges</th>
<th>Suitable for fire doors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1129</td>
<td>Ceam 3D concealed hinge</td>
<td>100x22x18mm</td>
<td>4</td>
<td>9</td>
<td>18mm</td>
<td>28mm</td>
<td>4.5mm</td>
<td>28-31mm</td>
<td>25kg</td>
<td>40kg</td>
<td>N</td>
</tr>
<tr>
<td>1130</td>
<td>Ceam 3D concealed hinge</td>
<td>130x24x21mm</td>
<td>7</td>
<td>9</td>
<td>21mm</td>
<td>30mm</td>
<td>4.5mm</td>
<td>30-33mm</td>
<td>40kg</td>
<td>60kg</td>
<td>Y</td>
</tr>
<tr>
<td>1131</td>
<td>Ceam 3D concealed hinge</td>
<td>160x32x29mm</td>
<td>7</td>
<td>3</td>
<td>29mm</td>
<td>38mm</td>
<td>7mm</td>
<td>38-46mm</td>
<td>80kg</td>
<td>120kg</td>
<td>Y</td>
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<tr>
<td>1230</td>
<td>Ceam 3D concealed hinge</td>
<td>130x30x21mm</td>
<td>6</td>
<td>6</td>
<td>21mm</td>
<td>35mm</td>
<td>7.5mm</td>
<td>35-45mm</td>
<td>50kg</td>
<td>70kg</td>
<td>Y</td>
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<td>1080</td>
<td>2D concealed hinge for glass doors/timber frame</td>
<td>134x24x21mm</td>
<td>2</td>
<td>4</td>
<td>21mm</td>
<td>Frame 30mm</td>
<td>4.5mm</td>
<td>30-33mm</td>
<td>40kg</td>
<td>60kg</td>
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Available accessories

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<tr>
<th>Code</th>
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<th>Inner box qty</th>
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<tbody>
<tr>
<td>DIMECON2ART1130</td>
<td>1129 and 1130 3D concealed hinge fitting jig</td>
<td>1 set</td>
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<tr>
<td>DIMECON2ART1131</td>
<td>1131 - 1230 3D concealed hinge fitting jig</td>
<td>1 set</td>
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<td>CIOFRESA00000</td>
<td>1131 - 1230 3D concealed hinge fitting jig</td>
<td>1 set</td>
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<td>CIOODIMA01131</td>
<td>Insert set for 3D concealed hinge fitting jig to fit 1131 hinges</td>
<td>1 pair</td>
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<tr>
<td>CIOODIMA01230</td>
<td>Insert set for 3D concealed hinge fitting jig to fit 1230 hinges</td>
<td>1 pair</td>
</tr>
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<td>CIOODIMA01130</td>
<td>Insert set for 3D concealed hinge fitting jig to fit 1130 hinges 1080</td>
<td>1 pair</td>
</tr>
<tr>
<td>CIOODIMA01129</td>
<td>Insert set for 3D concealed hinge fitting jig to fit 1129 hinges</td>
<td>1 pair</td>
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<td>UPSETREG1</td>
<td>Tool set for hinge adjustment 1129-1130-1080</td>
<td>1 set</td>
</tr>
<tr>
<td>UPSETREG2</td>
<td>Tool set for hinge adjustment 1230-1131</td>
<td>1 set</td>
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</table>

Care and maintenance of concealed hinges

Concealed hinges are maintenance free, provided they are correctly installed as per recommended tolerances and fitting guidelines. It is advisable to lubricate the hinges once every two years, or more, depending on the frequency of opening and adjust as necessary.

These concealed hinges are suitable for interior installations. For exterior fitting please contact sales office for information on SS G304 hinge (1080 Inox).

These concealed Hinges are not to be used with Door Closers other than: Eurospec DCC2003CF and DCC2024CF Concealed Closers and DCC2003SM and DCC2024SM Cam action Surface Mounted Closers.