



Phoenix Continuous Hinges



Phoenix Continuous Hinges are produced and supplied by Cooke Brothers, leading UK hinge manufacturers for over 100 years.

Continuous hinges, or piano hinges after their development for use on piano keyboard lids, provide a visually neat and high quality solution to the hinging of any lid or door. Compared to the use of several shorter butt hinges, no rebating is required, with the hinges being surface fitted to both door and frame. Cut down to match the full length of the door, continuous hinges provide alignment over the whole length of the door, as well as achieving even distribution of the load.

The brief introduction to each continuous hinge range on the following pages provides a useful guide to selecting the correct weight of continuous hinge for a particular application.

Standard Continuous Hinge Sizes

The continuous hinges in this catalogue are a selection from Cooke Brothers full continuous hinge range. The sizes have been carefully chosen to provide hinges of the right material, widths and strengths to meet most customers' needs. If you cannot find a hinge to match your requirements, please contact our Sales Department who will be able to advise on suitable hinges from the comprehensive hinge range.

Standard Continuous Hinge Lengths

Although all sizes in the continuous hinge range can be produced in any length, for practical purposes it is usually stocked and sold in standard lengths. The main length is 1829mm (6ft).

Imperial and Metric Sizes

The full continuous hinge range is based on both traditional imperial products and modern metric products. To assist your selection the products, whether tooled as imperial or metric, have all been dimensioned in millimetres. Continuous hinges are displayed in hinge leaf thickness order, starting with the lightest.

Standard Hinge Profiles

We can offer a variety of hinge options as follows:



Fig. 1 Standard hinge section



Fig. 2 Unequal hinge leaves

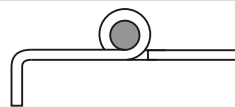


Fig. 3 One or both leaves cranked



Fig. 4 Reverse assembled



Fig. 5 Fully centred

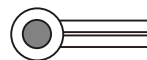


Fig. 6 Part centred

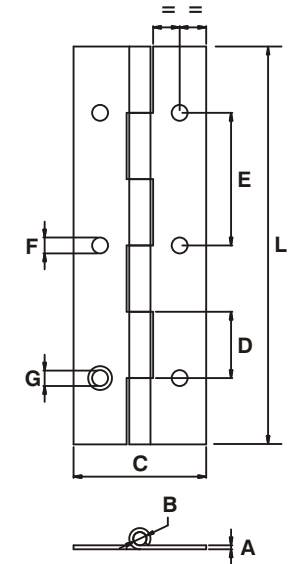


Continuous Hinge Technology

| | |
|---------------------------------------|---|
| A Hinge leaf thickness | The material thickness should be selected first as this establishes the range most suitable for your application. |
| B Hinge pin diameter | For each leaf thickness there is a limited range of pin options against which the main hinge sizes are shown. |
| C Hinge open width | The overall width of the hinge when the leaves are opened out flat i.e. to 180°. |
| D Hinge knuckle length | The length of the individual knuckles or joints. |
| Fixing Hole Information | Un-drilled hinges are referred to as 'No holes'. |
| E Hole centres | The repeat distance for fixing centres along the length. |
| F Hole diameter un-countersunk | Referred to as plain holes. |
| G Screw size | For hinges where countersunk, referred to as 'C'sk holes'. |

L Overall continuous hinge length

All holes are pierced in pairs directly opposite each other on opposite flaps, staggered holes can be supplied to special order.



Continuous Hinge Tolerances



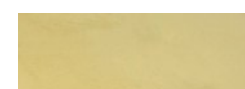

Some minor variations to the standard sizes must be expected. The hole centres (E) stated represent the approximate centres for any pair of holes. Pre-drilling the door or frame for a complete length of continuous hinge using multiples of the centres shown is not recommended. For accurate hole positions over the whole length contact technical sales.

Base Metal - Hinge and Pin Material








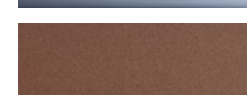
| | | |
|------------|-----------------|--|
| B | Brass | supplied with a stainless steel pin as standard |
| S | Mild Steel | supplied with a steel pin as standard |
| A | Aluminium Alloy | supplied with an stainless steel pin as standard |
| S/S | Stainless Steel | supplied with a stainless steel pin as standard (stainless steel is type 304 unless advised) |

Finishes

Base material

| | | | |
|--|----------------------|--|--------------------------------|
|  | Steel Self-Colour |  | Aluminium Self-Colour |
|  | Brass Self-Colour |  | Stainless Steel Self-Colour |

Applied finishes

| | | | |
|---|----------------|---|-----------------|
|  | Brass |  | Zinc |
|  | Brushed nickel |  | Satin anodised |
|  | Bronze |  | Chrome |
|  | Gold anodised |  | Bronze anodised |

0.9mm Light Duty Continuous Hinge

The 0.9mm (0.036", 20 gauge) hinge leaf thickness has been produced by Cooke Brothers for over 100 years and is based on the needs of traditional cabinet makers for a high quality continuous hinge.

Code 3604 shown
approx actual size



Product Range Details

| Code | Dimensions (mm) | | | | | Std. Overall Length | Std. C'sk Size |
|-----------|-----------------|--------------|------------|----------------|--------------|---------------------|----------------|
| | Leaf Thickness | Pin Diameter | Open Width | Knuckle Length | Hole Centres | | |
| 3602-3606 | 0.9 | 2.3 | 25-38 | 15 | 60 | 1829mm (6ft) | C'sk No.4 |
| 3622-3630 | 0.9 | 3.3 | 25-51 | 12.7 | 101.6 | 1829mm (6ft) | C'sk No.4 |

Product Availability

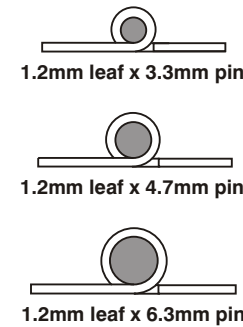
| Code | Open Width | Fixings Options | Steel | Stainless Steel | | Aluminium | | Brass | | |
|------|------------|-------------------------|--|--|---|---|--|---|--|---|
| | | | Self Colour | Self Colour | Polished | Satin | Self Colour | Polished | Self Colour | Bright Polished |
| 3602 | 25mm | No holes Countersunk | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3604 | 32mm | No holes Countersunk | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3606 | 38mm | No holes Countersunk | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3622 | 25mm | No holes Countersunk | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3624 | 32mm | No holes Countersunk | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3626 | 38mm | No holes Countersunk | <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 3630 | 51mm | No holes Countersunk | <input checked="" type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |

Metric lengths and a wider range of mechanical, plated and coloured finishes are available upon request.

Available option
 Request quotation for price and delivery

1.2mm Medium Duty Continuous Hinge

The 1.2mm (0.048", 18 gauge) hinge leaf thickness is the lightest within the group of medium duty continuous hinges. Major advantages of this group of products over the light duty range are the increased firmness of the hinge itself, adding rigidity to the structure to which it is attached and the ability to take larger fixing screws.



Code 4810 shown
approx actual size



Product Range Details

| Code | Dimensions (mm) | | | | | Std. Overall Length | Std. C'sk Size |
|-----------|-----------------|--------------|------------|----------------|--------------|---------------------|--------------------------------------|
| | Leaf Thickness | Pin Diameter | Open Width | Knuckle Length | Hole Centres | | |
| 4802-4814 | 1.2 | 3.3 | 25-64 | 25.4 | 101.6 | 1829mm (6ft) | C'sk No.6 or plain hole 4.9mm dia |
| 4822-4830 | 1.2 | 4.7 | 25-64 | 25.4 | 101.6 | 1829mm (6ft) | |
| 4836-4844 | 1.2 | 6.3 | 38-64 | 25.4 | 101.6 | 1829mm (6ft) | |

Product Availability

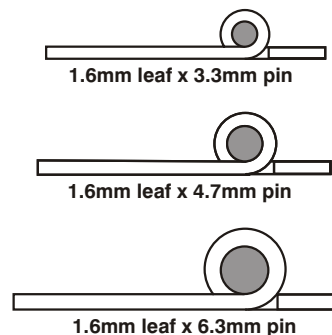
| Code | Open Width | Fixings Options | Steel | | Stainless Steel | Aluminium | Brass |
|------|------------|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | | | Self Colour | Zinc Plated | Self Colour | Self Colour | Self Colour |
| 4802 | 25mm | No holes | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4804 | 32mm | No holes | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4806 | 38mm | No holes | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4810 | 51mm | No holes | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | Countersunk | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4814 | 64mm | No holes | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4826 | 51mm | No holes | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | Countersunk | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4840 | 51mm | No holes | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | Countersunk | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Metric lengths and a wider range of mechanical, plated and coloured finishes are available upon request. Further widths are available in the 4.7mm and 6.3mm hinge pin sizes to special order.

Available option
 Request quotation for price and delivery

1.6mm Medium Duty Continuous Hinge

The 1.6mm (0.064", 16 gauge) hinge leaf thickness is the middle weight of the three thicknesses within the group of medium duty continuous hinges, with the 3.3mm hinge pin representing the most popular range. A generally much sturdier hinge than the 1.2mm range, these products fulfill a wide range of commercial and engineering applications. Recommended for attachment to 1.2mm to 1.6mm sheet metal products.



Code 6410 shown approx actual size



Product Range Details

| Code | Dimensions (mm) | | | | | Std. Overall Length | Std. C'sk Size |
|-----------|-----------------|--------------|------------|----------------|--------------|---------------------|---------------------------------|
| | Leaf Thickness | Pin Diameter | Open Width | Knuckle Length | Hole Centres | | |
| 6404-6416 | 1.6 | 3.3 | 32-76 | 25.4 | 101.6 | 1829mm (6ft) | C'sk No.8 or plain hole 6mm dia |
| 6420-6432 | 1.6 | 4.7 | 51-76 | 25.4 | 101.6 | 1829mm (6ft) | |
| 6438-6446 | 1.6 | 6.3 | 51-76 | 25.4 | 101.6 | 1829mm (6ft) | |

Product Availability

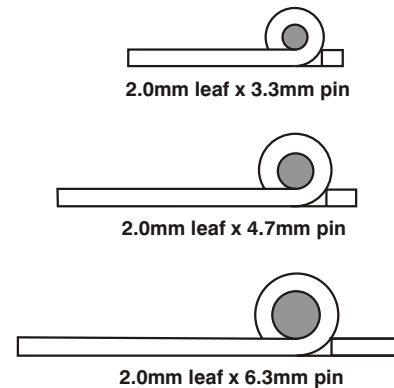
| Code | Open Width | Fixings Options | Steel | | Stainless Steel | | | Aluminium | Brass | | |
|------|------------|-------------------------|-------------|-------------|-----------------|----------------|----------|-------------|-------------|-----------------|---------------|
| | | | Self Colour | Zinc Plated | Self Colour | Satin Polished | Polished | Self Colour | Self Colour | Bright Polished | Chrome Plated |
| 6404 | 32mm | No holes Countersunk | ■ | □ | ■ | □ | □ | ■ | □ | □ | □ |
| 6406 | 38mm | No holes Countersunk | ■ | □ | ■ | □ | □ | ■ | □ | □ | □ |
| 6410 | 51mm | No holes Countersunk | ■ | □ | ■ | □ | □ | ■ | □ | ■ | □ |
| 6414 | 64mm | No holes Countersunk | ■ | □ | ■ | □ | □ | ■ | □ | ■ | □ |
| 6416 | 76mm | No holes Countersunk | ■ | □ | ■ | □ | □ | ■ | □ | □ | □ |
| 6424 | 51mm | No holes Countersunk | ■ | □ | □ | □ | □ | □ | □ | □ | □ |
| 6432 | 76mm | No holes Countersunk | ■ | □ | □ | □ | □ | □ | □ | □ | □ |
| 6442 | 64mm | No holes Countersunk | ■ | □ | □ | □ | □ | □ | □ | □ | □ |

Metric lengths and a wider range of mechanical, plated and coloured finishes are available upon request. Further widths are available in the 4.7mm and 6.3mm hinge pin sizes to special order.

■ Available option
□ Request quotation for price and delivery

2.0mm Medium Duty Continuous Hinge

The 2.0mm (0.078", 14 gauge) hinge leaf thickness is the heaviest weight of the three thicknesses within the group of medium duty continuous hinges, with the 4.7mm hinge pin representing the most popular range. These hinges are regularly used in architectural ironmongery situations where continuous hinges for general usage doors is specified. Recommended for attachment to 1.6mm to 2mm sheet metal products.



Code 7816 shown
approx actual size



Product Range Details

| Code | Dimensions (mm) | | | | | Std. Overall Length | Std. C'sk Size |
|-----------|-----------------|--------------|------------|----------------|--------------|---------------------|------------------------------------|
| | Leaf Thickness | Pin Diameter | Open Width | Knuckle Length | Hole Centres | | |
| 7800-7802 | 2.0 | 3.3 | 32-45 | 25.4 | 101.6 | 1829mm (6ft) | C'sk No.8 or plain hole 6mm dia |
| 7808-7816 | 2.0 | 4.7 | 38-64 | 25.4 | 101.6 | 1829mm (6ft) | |
| 7822-7830 | 2.0 | 6.3 | 51-76 | 25.4 | 101.6 | 1829mm (6ft) | |

Product Availability

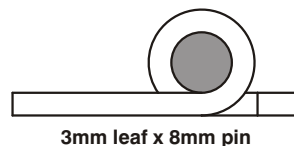
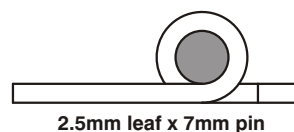
| Code | Open Width | Fixings Options | Steel | | Stainless Steel | | Aluminium | Brass |
|------|------------|-----------------|-------------|-------------|-----------------|----------------|-------------|-------------|
| | | | Self Colour | Zinc Plated | Self Colour | Satin Polished | Self Colour | Self Colour |
| 7800 | 32mm | No holes | ■ | □ | ■ | □ | □ | □ |
| 7808 | 38mm | No holes | ■ | □ | ■ | □ | □ | □ |
| | | Countersunk | ■ | ■ | ■ | ■ | □ | □ |
| 7812 | 51mm | No holes | ■ | □ | ■ | □ | ■ | □ |
| | | Countersunk | ■ | ■ | ■ | ■ | □ | ■ |
| 7816 | 64mm | No holes | ■ | □ | ■ | □ | □ | □ |
| | | Countersunk | ■ | ■ | ■ | ■ | □ | □ |
| 7822 | 51mm | No holes | ■ | □ | □ | □ | □ | □ |
| | | Countersunk | ■ | ■ | □ | □ | □ | □ |
| 7830 | 76mm | No holes | ■ | □ | □ | □ | □ | □ |
| | | Countersunk | ■ | ■ | □ | □ | □ | □ |

Metric lengths and a wider range of mechanical, plated and coloured finishes are available upon request. Further widths are available in the 3.3mm and 6.3mm hinge pin sizes to special order.

■ Available option
□ Request quotation for price and delivery

2.5mm and 3mm Heavy Continuous Hinge

The 2.5mm (0.098" - 0.104", 12 gauge) and the 3mm (0.125", 10 gauge") Continuous Hinge represent the start of the heavy duty ranges, where strength and security are key considerations. These hinges are ideal for security applications, heavy doors, container lids and applications in arduous conditions.



Code 1010 shown
approx actual size



Product Range Details

| Code | Dimensions (mm) | | | | | Std. Overall Length | Std. C'sk Size |
|-----------|-----------------|--------------|------------|----------------|--------------|---------------------|----------------------------------|
| | Leaf Thickness | Pin Diameter | Open Width | Knuckle Length | Hole Centres | | |
| 1006-1010 | 2.5 | 7 | 51-76 | 25.4 or 50.8 | 101.6 | 1829mm (6ft) | C'sk No.10 or plain hole 8mm dia |
| 1208-1212 | 3.0 | 8 | 76-102 | 25.4 or 50.8 | 101.6 | 1829mm (6ft) | |

Product Availability

| Code | Open Width | Fixings Options | Steel | | Stainless Steel | |
|------|------------|-------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| | | | Self Colour | Zinc Plated | Self Colour | Satin Polished |
| 1006 | 51mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1008 | 64mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1010 | 76mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1208 | 76mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1212 | 102mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Continuous hinges can be produced to customer specific requirements. Custom lengths, hinge widths, materials and finishes are available upon request. Please see the following page for specific versions of these hinges designed for architectural door use.

Available option
 Request quotation for price and delivery



2.5mm Architectural Continuous Hinge

Phoenix Continuous Hinges are an increasingly popular solution to hanging architectural doors, whether timber or steel, particularly in arduous, high security or vandal proof applications.

Features include:

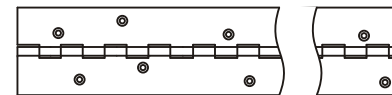
- Designed to cover the full length of the door
- Straight line or staggered configuration fixing holes
- Fitted with either wood screws or machine screws - tamper proof fasteners available.
- High number of bearing surfaces, hence good load carrying capacity.
- Aesthetically stylish
- Hinge pin removal when installed being virtually impossible.
- Security dog bolts option
- Reduced-ligature option
- Welded in hinge pin option
- Interleaf option
- Tested to the latest ISO certification
- Intumescent kits available for use on Fire Doors.

In addition, the Interleaf version features include:

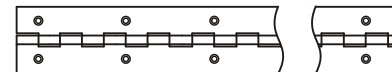
- Sits directly on door frame for minimal gap - 3mm gap instead of standard 12mm
- Combination of strength and anti-finger trapping on knuckle side
- No rebating required during fitting
- Maintenance free polymer bearings
- Tested to BS EN1935 Grade 14 (160kgs) & CE marked
- Compatible with 44mm and 54mm door thicknesses, timber and steel doorsets.



C6015

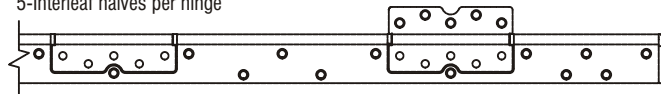


C6016



Interleaf

5-Interleaf halves per hinge



Product Range Details and Availability

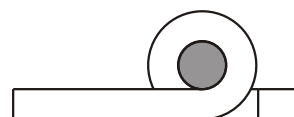
| Code | Dimensions (mm) | | | Std. Overall Length | Std. C'sk Size | Special Features | | Stainless Steel | | Fire Door Kit |
|--------|-----------------|--------------|------------|---------------------|--------------------------------------|------------------|-----------|-----------------|-----------------|---------------|
| | Leaf Thickness | Pin Diameter | Open Width | | | Reduced Ligature | Interleaf | Satin Polished | Bright Polished | |
| 6015 | 2.5 | 7 | 102 | 2134mm | C'sk No.10 or M5 M/C Screws | | | ■ | ■ | ■ |
| 6015A | 2.5 | 7 | 102 | 2134mm | | ■ | | ■ | ■ | ■ |
| 6016 | 2.5 | 7 | 76 | 2000mm | | | | ■ | ■ | ■ |
| 6016A | 2.5 | 7 | 76 | 2000mm | | ■ | | ■ | ■ | ■ |
| 6135 | 2.5 | 7 | 90.5 | 2134mm | | | ■ | ■ | ■ | ■ |
| 6152 | 2.5 | 7 | 110.5 | 2134mm | | | ■ | ■ | ■ | ■ |
| 6135AL | 2.5 | 7 | 90.5 | 2134mm | | ■ | ■ | ■ | ■ | ■ |
| 6152AL | 2.5 | 7 | 110.5 | 2134mm | | ■ | ■ | ■ | ■ | ■ |

Metric lengths and a wider range of mechanical, plated and coloured finishes are available upon request.

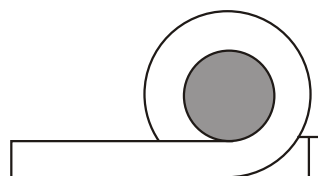
- Available option
- Request quotation for price and delivery

4mm and 5mm Heavy Continuous Hinge

The 4mm (0.160", 8 gauge) and the 5mm (0.187" - 0.197") are the largest Continuous Hinge sizes currently available. Recommended for use on extra heavy duty applications such as large warehouse or commercial building doorsets, blast doors, heavy duty fabrications, industrial plant housings, etc.



4mm leaf x 6.3mm pin



5mm leaf x 12mm pin

Code 1822 shown
approx actual size



Product Range Details

| Code | Dimensions (mm) | | | | | Std. Overall Length | Hole Centres and Countersink information |
|-----------|-----------------|--------------|------------|----------------|--------------|---------------------|--|
| | Leaf Thickness | Pin Diameter | Open Width | Knuckle Length | Hole Centres | | |
| 1602-1610 | 4.0 | 6.3 | 76-127 | 50 | 101.6 | 1829mm (6ft) | C'sk No.12 or plain hole 10mm dia |
| 1822-1830 | 5.0 | 12.0 | 102-152 | 50 | 101.6 | 1829mm (6ft) | |

Product Availability

| Code | Open Width | Fixings Options | Steel | | Stainless Steel | |
|------|------------|-------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| | | | Self Colour | | Self Colour | |
| 1606 | 102mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1610 | 127mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1822 | 102mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1830 | 182mm | No holes Countersunk | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Continuous hinges can be produced to customer specific requirements. Custom lengths, hinge widths, materials and finishes are available upon request.

Available option
 Request quotation for price and delivery



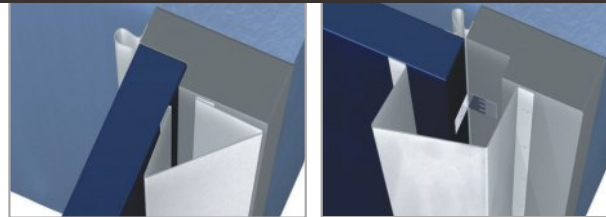
Special Applications

Special Phoenix Continuous Hinges are an important part of the company's business. By using continuous hinge as the basic product it is often possible to avoid over 90% of the tooling cost that would be incurred by tooling a completely special product. Whether you are after a minor modification or a high volume special, by forwarding your design application to our engineers we can examine the options and quote you for the best solution.



Finger Protectors

Whereas the use of continuous hinge protects the door to frame gap on the hinge knuckle side, DigitSafe is a simple, effective and inexpensive system for protecting hands or fingers being trapped between door and frame on the wider hinge opening side. Contact technical sales for more information.



Door Edge Protectors

Box section door edge protectors are an attractive solution for avoidance of door damage in arduous situations. Protectors can be produced to the same thickness as the door and rebated in place to give a flush finish at the hinge or open end of the door.



Further Options



The 'A' version has Reduced-ligature welded and angled hinge ends, a recommended feature for institutional use.



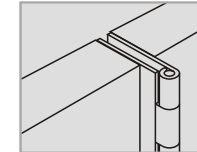
Welded knuckles and pins for additional strength and security.



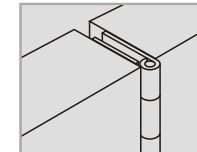
Security dog bolts for extra strength against impact attack on continuous architectural hinges.

Installation of Continuous Hinges

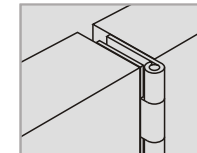
Continuous Hinges are easy to install, requiring no rebating when fitted on to the frame and door edges, or are equally easily fitted to the external faces.



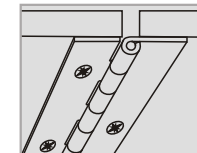
Detail of hinge fitted between the end faces of the door and frame. Care should be taken to ensure the frame and door thickness are sufficient to take the selected hinge between the end faces.



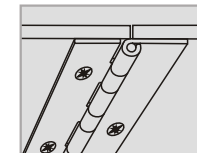
For 180° movement a minimum of half the overall hinge barrel diameter should protrude beyond the external face.



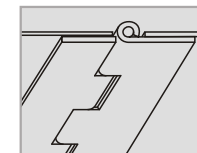
Full protrusion of the barrel will allow the door to have greater clearance past architrave or other adjoining hinged doors.



Externally fitted to door and frame.



Riveted, welded, or spot welded in position on sheet material.



Fitted to the internal surface, with only the hinge knuckle visible on the external surface.



Cooke Brothers Ltd
Northgate, Aldridge, Walsall,
West Midlands, WS9 8TL
United Kingdom
Phone +44 (0)1922 740011
Email sales@cookebrothers.co.uk
Web www.cookebrothers.co.uk
Web www.continuoushinge.co.uk