

**Stainless Steel** Pull Handles



FM 00401



EMS 66705

When specifying a product from Ingersoll Rand Security Technologies you can be assured that an uncompromising attention to detail has been given to every stage of design and manufacture. This ensures that its products and systems meet the highest possible quality and conformity certifications and exceed the requirements of all applicable European Standards.

A global leader in every sense of the word, Ingersoll Rand Security Technologies has an unrivalled track record in satisfying the demands of architects, designers, specifiers and building contractors throughout the world.

Ingersoll Rand Security Technologies manufactures a portfolio of market leading products, including Briton, the UK's number one brand of door controls. The Briton name is synonymous with high quality design, reliability and durability and is at the forefront of supplying products that meet the new European CPD requirements, such as one of the first ranges of CE marked fire exit hardware and door controls.



## Briton

Door hardware and security products

## Normbau

Coloured nylon design systems

## Randi

Scandinavian stainless steel design systems

## CISA

Hotel locking and security systems

In addition, Ingersoll Rand Security Technologies produces a wide selection of contemporary door hardware, including Randi, an architect-designed suite of stainless steel door furniture and bathroom fittings, manufactured at its factory in Denmark.

An extensive series of coloured nylon and stainless steel products are manufactured in the company's German facility under the Normbau brand. The range incorporates lever and pull handles as well as complementary accessories, a comprehensive railing system and products for people with special needs.

Manufactured in Italy and designed to suit even the most demanding professional requirements in the security sector, Ingersoll Rand Security Technologies' CISA range incorporates traditional hardware products, hotel locks and advanced access control systems with 'smart card' .

# Briton Stainless Steel Pull Handles

Ingersoll Rand Security Technologies manufactures and supplies a wide selection of pull handle designs. The range offers an extensive choice of pull handle diameters and lengths, including straight and formed sections. When combined with a number of optional end designs and fixing methods, the Briton Stainless Steel Pull Handle range is truly comprehensive, providing a pull handle solution for most applications.

Our pull handles are just part of a wide range of integrated products including many leading brand names in architectural hardware to provide co-ordinated specification hardware packages.

Briton pull handles are fully compatible with the Briton Specification Hardware range, Briton 2100 Door Closers and Briton 5500 Series lockcases.



*Above, Briton 2100 Door Closer in stainless steel with matching track*



*Briton Specification lever furniture in satin stainless steel, used in conjunction with Briton 5520 sashlock.*

## Briton Construction & Finish



Ingersoll Rand Security Technologies stainless steel pull handles are performance engineered in Germany, in one of our most sophisticated manufacturing facilities, under an EN ISO 9000 Quality Management System. Only the highest grade stainless steel (grade 316 Molybdenum bearing stainless steel) is used ensuring that not only do these pull handles look and feel superb, but can survive in the most severe environments. To ensure total peace of mind we offer a full 10 year warranty on all of the range.

Each one of the exclusive designs of pull handle within the range is precision made and has a superb high quality satin finish which is compatible with the finish of other Ingersoll Rand stainless steel products



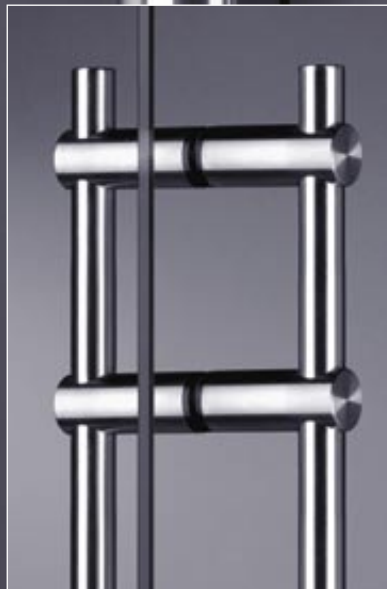
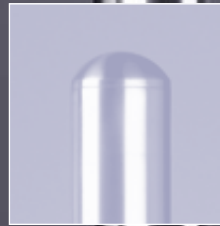
All pull handle variants in this range are available with fixings to suit either timber, glass or metal doors, singly or as a back to back pair.

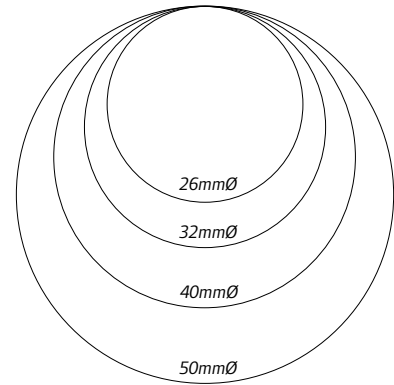
In addition, there are special fixings designed specifically for hollow section doors. See page 18 for further details of fixing variants.

# Individual Designs

## The Finishing Touch

The appearance and characteristics of many of the pull handle designs can be enhanced by specifying one of a range of optional end designs. The innovative system provides designers with the ability to tailor the overall aesthetic of the pull handle to complement other building elements or to become a prominent design feature in its own right.





**26mm Ø**

centres	bolt through	back to back
350mm	<b>6100.26.350.1.SS</b>	<b>6100.26.350.2.SS</b>
400mm	<b>6100.26.400.1.SS</b>	<b>6100.26.400.2.SS</b>
500mm	<b>6100.26.500.1.SS</b>	<b>6100.26.500.2.SS</b>

**32mm Ø**

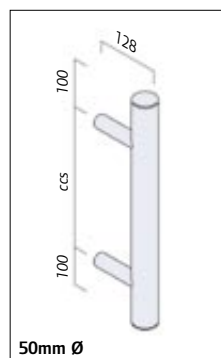
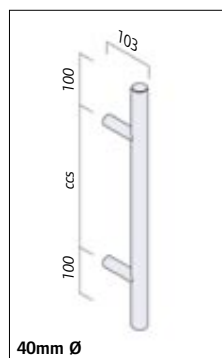
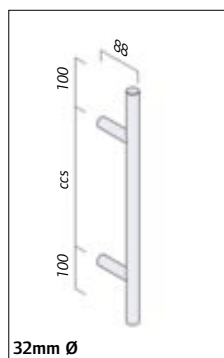
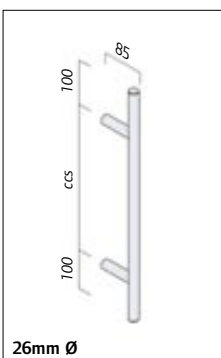
centres	bolt through	back to back
350mm	<b>6100.32.350.1.SS</b>	<b>6100.32.350.2.SS</b>
400mm	<b>6100.32.400.1.SS</b>	<b>6100.32.400.2.SS</b>
500mm	<b>6100.32.500.1.SS</b>	<b>6100.32.500.2.SS</b>

**40mm Ø**

centres	bolt through	back to back
350mm	<b>6100.40.350.1.SS</b>	<b>6100.40.350.2.SS</b>
400mm	<b>6100.40.400.1.SS</b>	<b>6100.40.400.2.SS</b>
500mm	<b>6100.40.500.1.SS</b>	<b>6100.40.500.2.SS</b>

**50mm Ø**

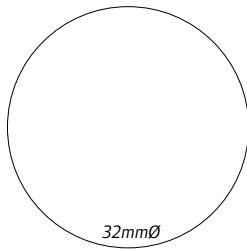
centres	bolt through	back to back
350mm	<b>6100.50.350.1.SS</b>	<b>6100.50.350.2.SS</b>
400mm	<b>6100.50.400.1.SS</b>	<b>6100.50.400.2.SS</b>
500mm	<b>6100.50.500.1.SS</b>	<b>6100.50.500.2.SS</b>



**Optional End Designs**

6100 Series pull handles are supplied as standard with 'Plain' end caps. Alternative end caps are available for this pull handle design and are shown opposite. When specifying please use the appropriate suffix on the product reference.

# Briton Design 6101 & 6102



## 6101

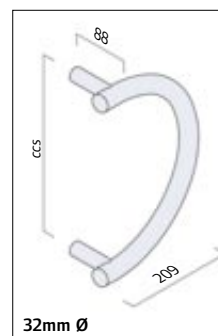
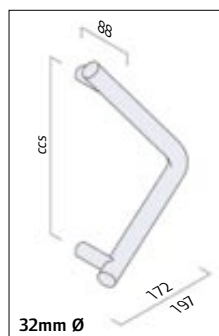
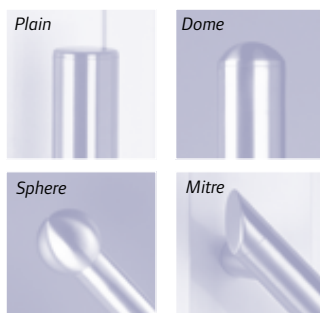
centres	bolt through	back to back
300mm	6101.32.300.1.SS	6101.32.300.2.SS
350mm	6101.32.350.1.SS	6101.32.350.2.SS

## 6102

centres	bolt through	back to back
350mm	6102.32.350.1.SS	6102.32.350.2.SS

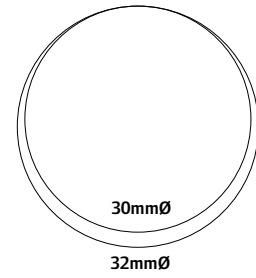


### Optional End Designs





Design 6111 & 6112  
shown with Sphere end design



**6111**

centres	bolt through	back to back
350mm	6111.32.350.1.SS	6111.32.350.2.SS

**6112**

centres	bolt through	back to back
350mm	6112.32.350.1.SS	6112.32.350.2.SS

**6105**

centres	bolt through	back to back
100mm	6105.30.100.1.SS	6105.30.100.2.SS



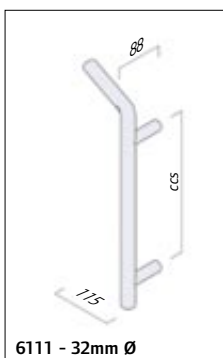
Design 6105

**Specification Helper**

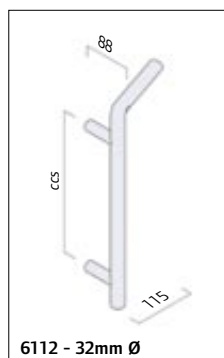
Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details and alternative fixing types.

**Optional End Designs**

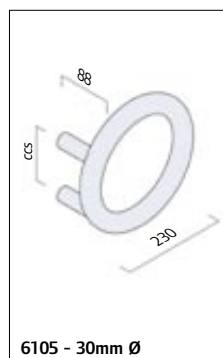
6100 Series pull handles are supplied as standard with 'Plain' end caps. Alternative end caps are available for this pull handle design and are shown on page 5. When specifying please add the appropriate suffix (ie Dome, Mitre or Sphere) to the product reference.



6111 - 32mm Ø

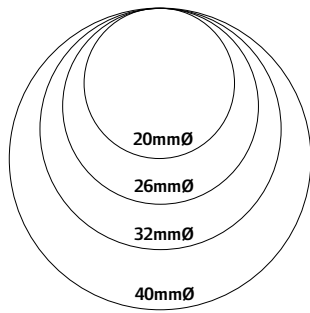


6112 - 32mm Ø



6105 - 30mm Ø

# Briton Design 6200



## 20mm Ø

centres	bolt through	back to back
120mm	6200.20.120.1.SS	6200.20.120.2.SS
200mm	6200.20.200.1.SS	6200.20.200.2.SS
300mm	6200.20.300.1.SS	6200.20.300.2.SS
350mm	6200.20.350.1.SS	6200.20.350.2.SS
400mm	6200.20.400.1.SS	6200.20.400.2.SS
500mm	6200.20.500.1.SS	6200.20.500.2.SS

## 26mm Ø

centres	bolt through	back to back
200mm	6200.26.200.1.SS	6200.26.200.2.SS
300mm	6200.26.300.1.SS	6200.26.300.2.SS
350mm	6200.26.350.1.SS	6200.26.350.2.SS
400mm	6200.26.400.1.SS	6200.26.400.2.SS

## 32mm Ø

centres	bolt through	back to back
200mm	6200.32.200.1.SS	6200.32.200.2.SS
300mm	6200.32.300.1.SS	6200.32.300.2.SS
350mm	6200.32.350.1.SS	6200.32.350.2.SS
400mm	6200.32.400.1.SS	6200.32.400.2.SS

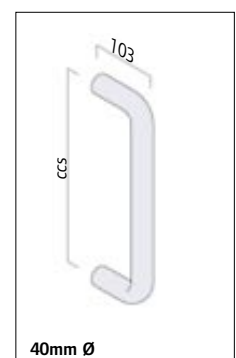
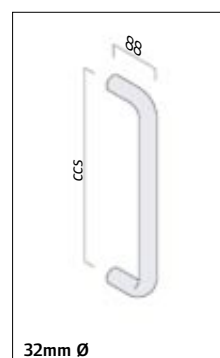
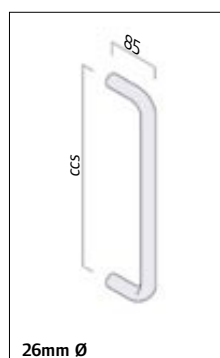
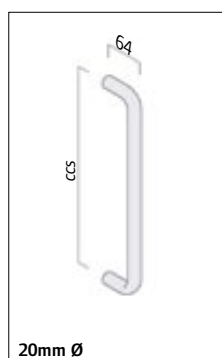
## 40mm Ø

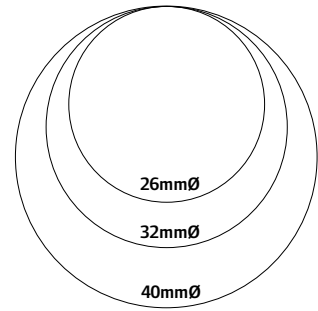
centres	bolt through	back to back
350mm	6200.40.350.1.SS	6200.40.350.2.SS
400mm	6200.40.400.1.SS	6200.40.400.2.SS



### Specification Helper

Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details and alternative fixing types.





**26mm Ø**

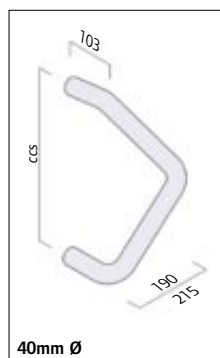
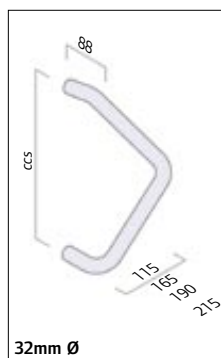
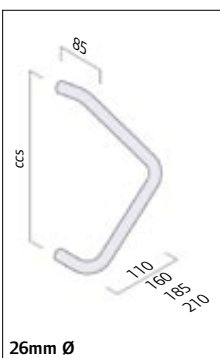
centres	bolt through	back to back
200mm	<b>6201.26.200.1.SS</b>	<b>6201.26.200.2.SS</b>
300mm	<b>6201.26.300.1.SS</b>	<b>6201.26.300.2.SS</b>
350mm	<b>6201.26.350.1.SS</b>	<b>6201.26.350.2.SS</b>
400mm	<b>6201.26.400.1.SS</b>	<b>6201.26.400.2.SS</b>

**32mm Ø**

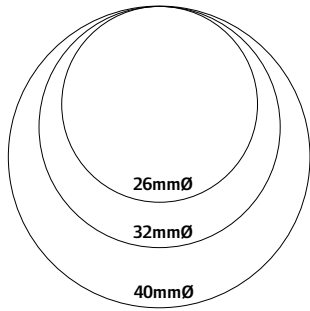
centres	bolt through	back to back
200mm	<b>6201.32.200.1.SS</b>	<b>6201.32.200.2.SS</b>
300mm	<b>6201.32.300.1.SS</b>	<b>6201.32.300.2.SS</b>
350mm	<b>6201.32.350.1.SS</b>	<b>6201.32.350.2.SS</b>
400mm	<b>6201.32.400.1.SS</b>	<b>6201.32.400.2.SS</b>

**40mm Ø**

centres	bolt through	back to back
350mm	<b>6201.40.350.1.SS</b>	<b>6201.40.350.2.SS</b>
400mm	<b>6201.40.400.1.SS</b>	<b>6201.40.400.2.SS</b>



# Briton Design 6202



## 26mm Ø

centres	bolt through	back to back
200mm	6202.26.200.1.SS	6202.26.200.2.SS
300mm	6202.26.300.1.SS	6202.26.300.2.SS

## 32mm Ø

centres	bolt through	back to back
200mm	6202.32.200.1.SS	6202.32.200.2.SS
300mm	6202.32.300.1.SS	6202.32.300.2.SS
350mm	6202.32.350.1.SS	6202.32.350.2.SS
400mm	6202.32.400.1.SS	6202.32.400.2.SS

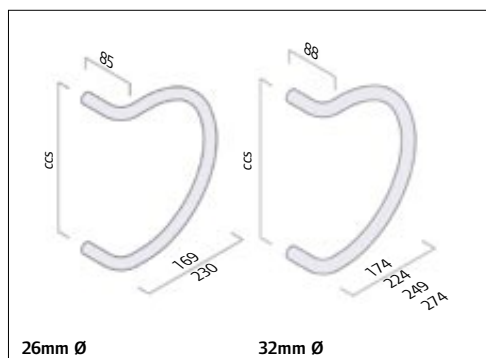
## 40mm Ø

centres	bolt through	back to back
350mm	6202.40.350.1.SS	6202.40.350.2.SS



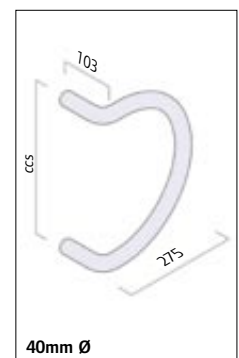
### Specification Helper

Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details and alternative fixing types.

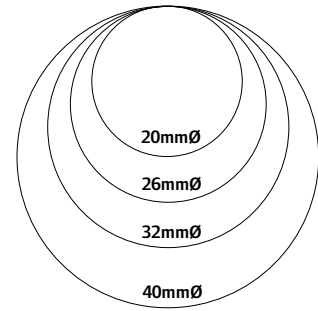


26mm Ø

32mm Ø



40mm Ø



**20mm Ø**

centres	bolt through	back to back
200mm	6203.20.200.1.SS	6203.20.200.2.SS
300mm	6203.20.300.1.SS	6203.20.300.2.SS
350mm	6203.20.350.1.SS	6203.20.350.2.SS
400mm	6203.20.400.1.SS	6203.20.400.2.SS

**26mm Ø**

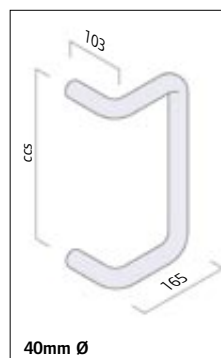
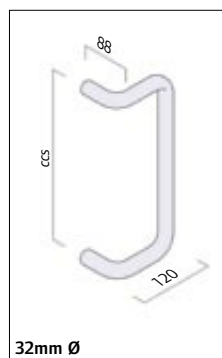
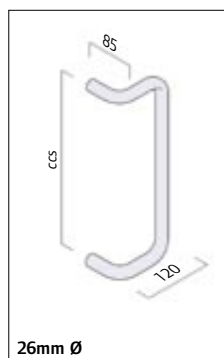
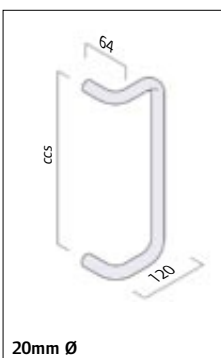
centres	bolt through	back to back
200mm	6203.26.200.1.SS	6203.26.200.2.SS
300mm	6203.26.300.1.SS	6203.26.300.2.SS
350mm	6203.26.350.1.SS	6203.26.350.2.SS
400mm	6203.26.400.1.SS	6203.26.400.2.SS

**32mm Ø**

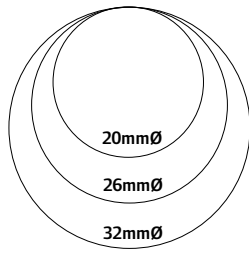
centres	bolt through	back to back
200mm	6203.32.200.1.SS	6203.32.200.2.SS
300mm	6203.32.300.1.SS	6203.32.300.2.SS
350mm	6203.32.350.1.SS	6203.32.350.2.SS
400mm	6203.32.400.1.SS	6203.32.400.2.SS

**40mm Ø**

centres	bolt through	back to back
350mm	6203.40.350.1.SS	6203.40.350.2.SS
400mm	6203.40.400.1.SS	6203.40.400.2.SS



# Briton Design 6300



## 20mm Ø

centres	bolt through	back to back
200mm	6300.20.200.1.SS	6300.20.200.2.SS
300mm	6300.20.300.1.SS	6300.20.300.2.SS
350mm	6300.20.350.1.SS	6300.20.350.2.SS
400mm	6300.20.400.1.SS	6300.20.400.2.SS

## 26mm Ø

centres	bolt through	back to back
200mm	6300.26.200.1.SS	6300.26.200.2.SS
300mm	6300.26.300.1.SS	6300.26.300.2.SS
350mm	6300.26.350.1.SS	6300.26.350.2.SS
400mm	6300.26.400.1.SS	6300.26.400.2.SS

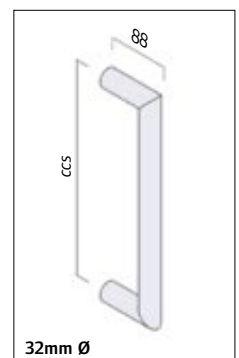
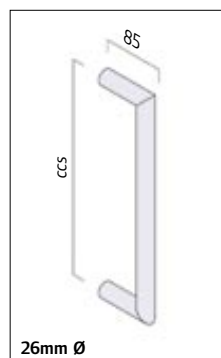
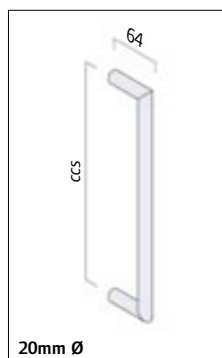
## 32mm Ø

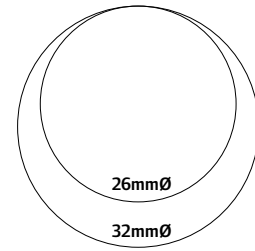
centres	bolt through	back to back
200mm	6300.32.200.1.SS	6300.32.200.2.SS
300mm	6300.32.300.1.SS	6300.32.300.2.SS
350mm	6300.32.350.1.SS	6300.32.350.2.SS
400mm	6300.32.400.1.SS	6300.32.400.2.SS



### Specification Helper

Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details and alternative fixing types.





**6301 - 26Ø**

centres	bolt through	back to back
300mm	<b>6301.26.300.1.SS</b>	<b>6301.26.300.2.SS</b>
350mm	<b>6301.26.350.1.SS</b>	<b>6301.26.350.2.SS</b>
400mm	<b>6301.26.400.1.SS</b>	<b>6301.26.400.2.SS</b>

**6301 - 32Ø**

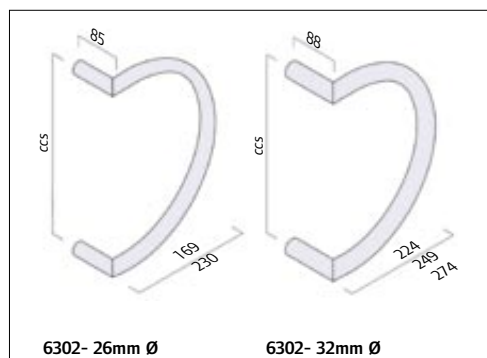
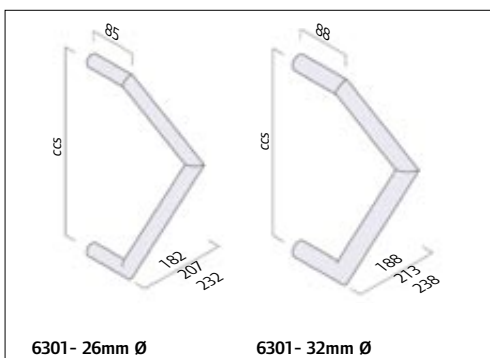
centres	bolt through	back to back
300mm	<b>6301.32.300.1.SS</b>	<b>6301.32.300.2.SS</b>
350mm	<b>6301.32.350.1.SS</b>	<b>6301.32.350.2.SS</b>
400mm	<b>6301.32.400.1.SS</b>	<b>6301.32.400.2.SS</b>

**6302 - 26Ø**

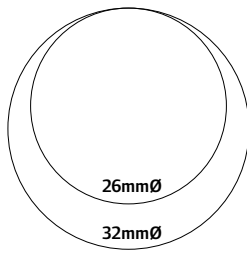
centres	bolt through	back to back
200mm	<b>6302.26.200.1.SS</b>	<b>6302.26.200.2.SS</b>
300mm	<b>6302.26.300.1.SS</b>	<b>6302.26.300.2.SS</b>

**6302 - 32Ø**

centres	bolt through	back to back
300mm	<b>6302.32.300.1.SS</b>	<b>6302.32.300.2.SS</b>
350mm	<b>6302.32.350.1.SS</b>	<b>6302.32.350.2.SS</b>
400mm	<b>6302.32.400.1.SS</b>	<b>6302.32.400.2.SS</b>



# Briton Design 6303 & 6304



## 6303 - 26Ø

centres	bolt through	back to back
200mm	6303.26.200.1.SS	6303.26.200.2.SS
300mm	6303.26.300.1.SS	6303.26.300.2.SS
350mm	6303.26.350.1.SS	6303.26.350.2.SS
400mm	6303.26.400.1.SS	6303.26.400.2.SS

## 6303 - 32Ø

centres	bolt through	back to back
200mm	6303.32.200.1.SS	6303.32.200.2.SS
300mm	6303.32.300.1.SS	6303.32.300.2.SS
350mm	6303.32.350.1.SS	6303.32.350.2.SS
400mm	6303.32.400.1.SS	6303.32.400.2.SS

## 6304 - 26Ø

centres	bolt through	back to back
300mm	6304.26.300.1.SS	6304.26.300.2.SS
500mm	6304.26.500.1.SS	6304.26.500.2.SS

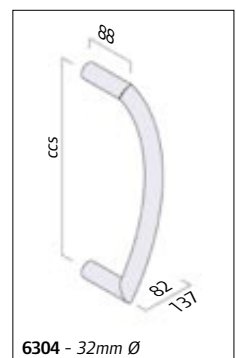
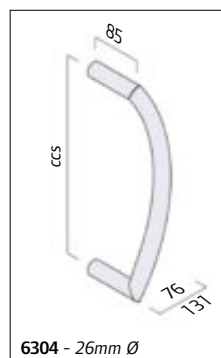
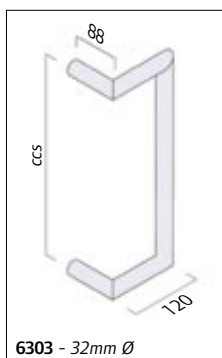
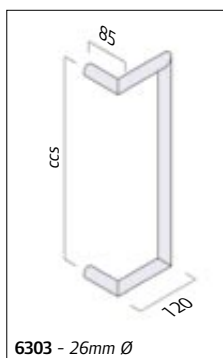
## 6304 - 32Ø

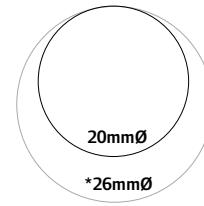
centres	bolt through	back to back
300mm	6304.32.300.1.SS	6304.32.300.2.SS
500mm	6304.32.500.1.SS	6304.32.500.2.SS



### Specification Helper

Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details and alternative fixing types.





\* pillar Ø

**6400**

centres	bolt through	back to back
300mm	<b>6400.20.300.1.SS</b>	<b>6400.20.300.2.SS</b>
350mm	<b>6400.20.350.1.SS</b>	<b>6400.20.350.2.SS</b>

**6401**

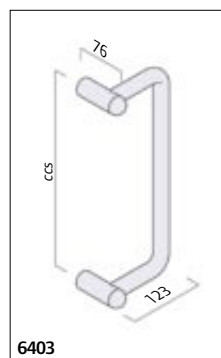
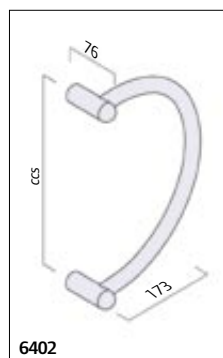
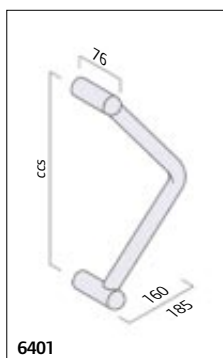
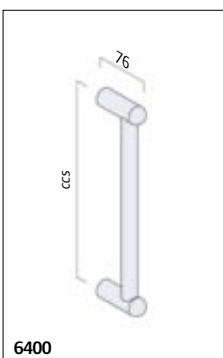
centres	bolt through	back to back
300mm	<b>6401.20.300.1.SS</b>	<b>6401.20.300.2.SS</b>
350mm	<b>6401.20.350.1.SS</b>	<b>6401.20.350.2.SS</b>

**6402**

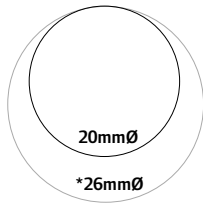
centres	bolt through	back to back
300mm	<b>6402.20.300.1.SS</b>	<b>6402.20.300.2.SS</b>

**6403**

centres	bolt through	back to back
300mm	<b>6403.20.300.1.SS</b>	<b>6403.20.300.2.SS</b>
350mm	<b>6403.20.350.1.SS</b>	<b>6403.20.350.2.SS</b>



# Briton Design 6500



\* pillar Ø

## 6500

centres	bolt through	back to back
300mm	6500.20.300.1.SS	6500.20.300.2.SS
350mm	6500.20.350.1.SS	6500.20.350.2.SS

## 6501

centres	bolt through	back to back
300mm	6501.20.300.1.SS	6501.20.300.2.SS
350mm	6501.20.350.1.SS	6501.20.350.2.SS

## 6502

centres	bolt through	back to back
300mm	6502.20.300.1.SS	6502.20.300.2.SS

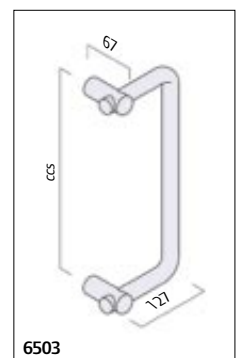
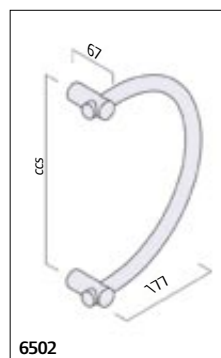
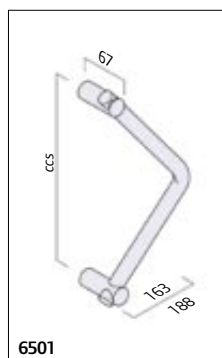
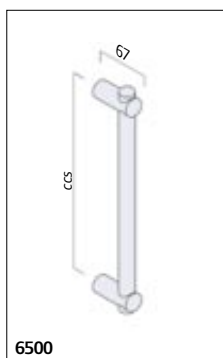
## 6503

centres	bolt through	back to back
300mm	6503.20.300.1.SS	6503.20.300.2.SS
350mm	6503.20.350.1.SS	6503.20.350.2.SS



### Specification Helper

Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details and alternative fixing types.





\* pillar Ø

**6600**

centres	bolt through	back to back
300mm	<b>6600.10.300.1.SS</b>	<b>6600.10.300.2.SS</b>
350mm	<b>6600.10.350.1.SS</b>	<b>6600.10.350.2.SS</b>

**6601**

centres	bolt through	back to back
300mm	<b>6601.10.300.1.SS</b>	<b>6601.10.300.2.SS</b>
350mm	<b>6601.10.350.1.SS</b>	<b>6601.10.350.2.SS</b>

**6602**

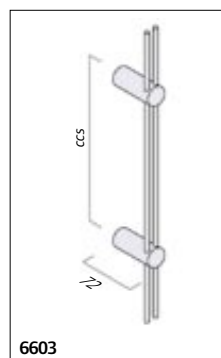
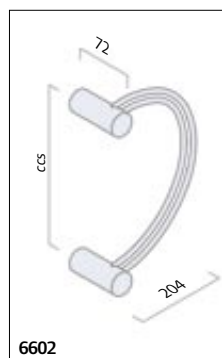
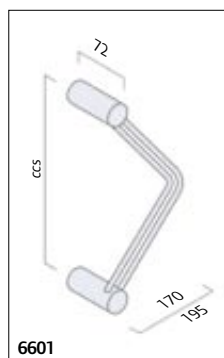
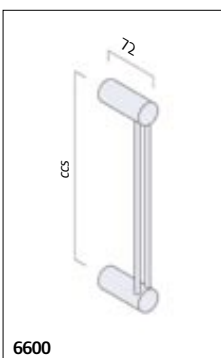
centres	bolt through	back to back
300mm	<b>6602.10.300.1.SS</b>	<b>6602.10.300.2.SS</b>

**6603**

centres	bolt through	back to back
300mm	<b>6603.10.300.1.SS</b>	<b>6603.10.300.2.SS</b>
350mm	<b>6603.10.350.1.SS</b>	<b>6603.10.350.2.SS</b>

**Specification Helper**

Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details and alternative fixing types.



**6900 Series**

Ideally suited to retrofit applications where fixing holes already exist, the 6900 Series has adjustable centres.

The 32mm Ø pull handle is supplied with 2 separate fixing brackets which can be fixed at any centres.

6900		
centres	bolt through	back to back
100-250mm	6900.32.250.1.SS	6900.32.250.2.SS
250-400mm	6900.32.400.1.SS	6900.32.400.2.SS

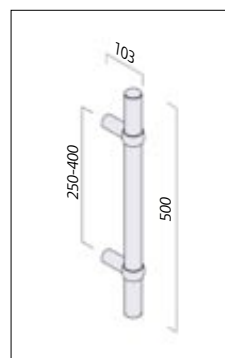
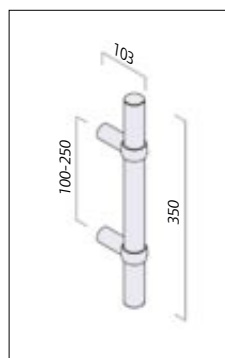


Each bracket can be positioned as required.



**Specification Helper**

Bolt through pulls are supplied singly with the appropriate fixing bolts. Back to back pulls are supplied as a pair with the appropriate back to back fixing. See page 18 for further details.



# Briton Fixing Options



ref: 1.2X



ref: 1.1A

Single pull handles are supplied with 1.2X bolt through fixings as standard.

### 1.2X bolt through

pull Ø	bolt size	hole Ø	fixing ref
20mm	M8	10mm	0365 38
all other Ø	M12	12.5mm	0365 37

*suitable for doors up from 38 - 49mm thick*

Pairs of pull handles are supplied with 1.1A back to back fixings as standard. Inside handle is pin fixed.

### 1.1A back to back

pull Ø	bolt size	hole Ø	fixing ref
20mm	M8	10mm	2362 11
all other Ø	M12	12.5mm	0471 11

*suitable for doors from 38 - 49mm thick*

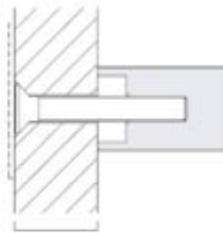
## Specification Helper

The table opposite shows the product code for alternative fixing types for each diameter of pull handle. From the table determine which type of fixing is required (e.g. ref:1.3G) and what diameter of pull handle it is used on.

The table also shows the appropriate hole diameter for each fixing type.

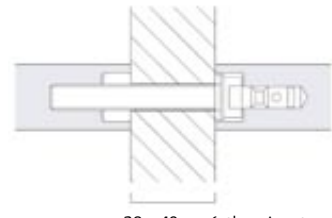
### Standard Fixings

ref: 1.2X *Standard bolt through fixing*



38 - 49mm (other sizes to order)

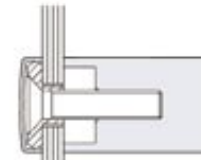
ref: 1.1A *Standard back to back fixing*



38 - 49mm (other sizes to order)

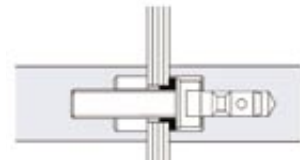
### Alternative Fixings

ref: 1.5A *Bolt through fixing for glass doors with stainless steel bolt head cover cap*



8 - 18mm

ref: 1.4A *Back to back fixing for glass doors*



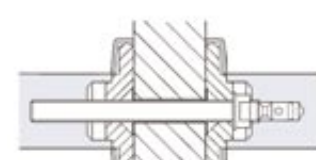
8 - 18mm

ref: 1.2A *Bolt through fixing with stainless steel bolt head cover cap*



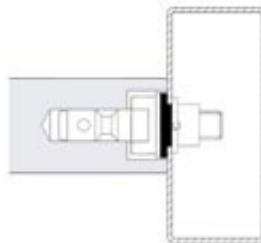
38 - 49mm  
other sizes to order

ref: 1.6A *Back to back rose fixing for timber or metal doors*

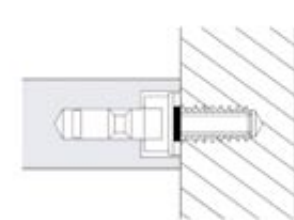


38 - 49mm  
other sizes to order

ref: 1.3G *Concealed fixing to metal profile section*



ref: 1.3R *Concealed face fixing into timber*



### Pull Handle Fixing Selector

pull Ø	ref:1.2A	ref:1.3G	ref:1.3R	ref:1.4A	ref:1.5A	ref:1.6A
20mm	2365 32	.	2362 32	2362 44	2365 35	2365 36
hole Ø	10mm		11mm	10mm	10mm	10mm
26mm	2365 02	0471 43	0471 32	0471 44	2365 05	.
hole Ø	12.5mm	18.5mm	11mm	18mm	18mm	
32mm	2365 12	0471 43	0471 32	0471 44	2365 15	.
hole Ø	12.5mm	18.5mm	11mm	18mm	18mm	
40mm	2365 22	0471 43	0471 32	0471 44	2365 25	.
hole Ø	12.5mm	18.5mm	11mm	18mm	18mm	

. - not available

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**6200 Series**



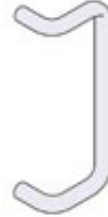
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**6900 Series**



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