

modus™



KCC
GROUP

modus™

Welcome to Modus™ a complete range of door hardware conceived to allow designers to choose from a range of designs, finishes and textures in order to create visually distinct items of door furniture. All Modus™ items are extremely hardwearing and durable whilst conforming to the most demanding standards of the modern built environment.

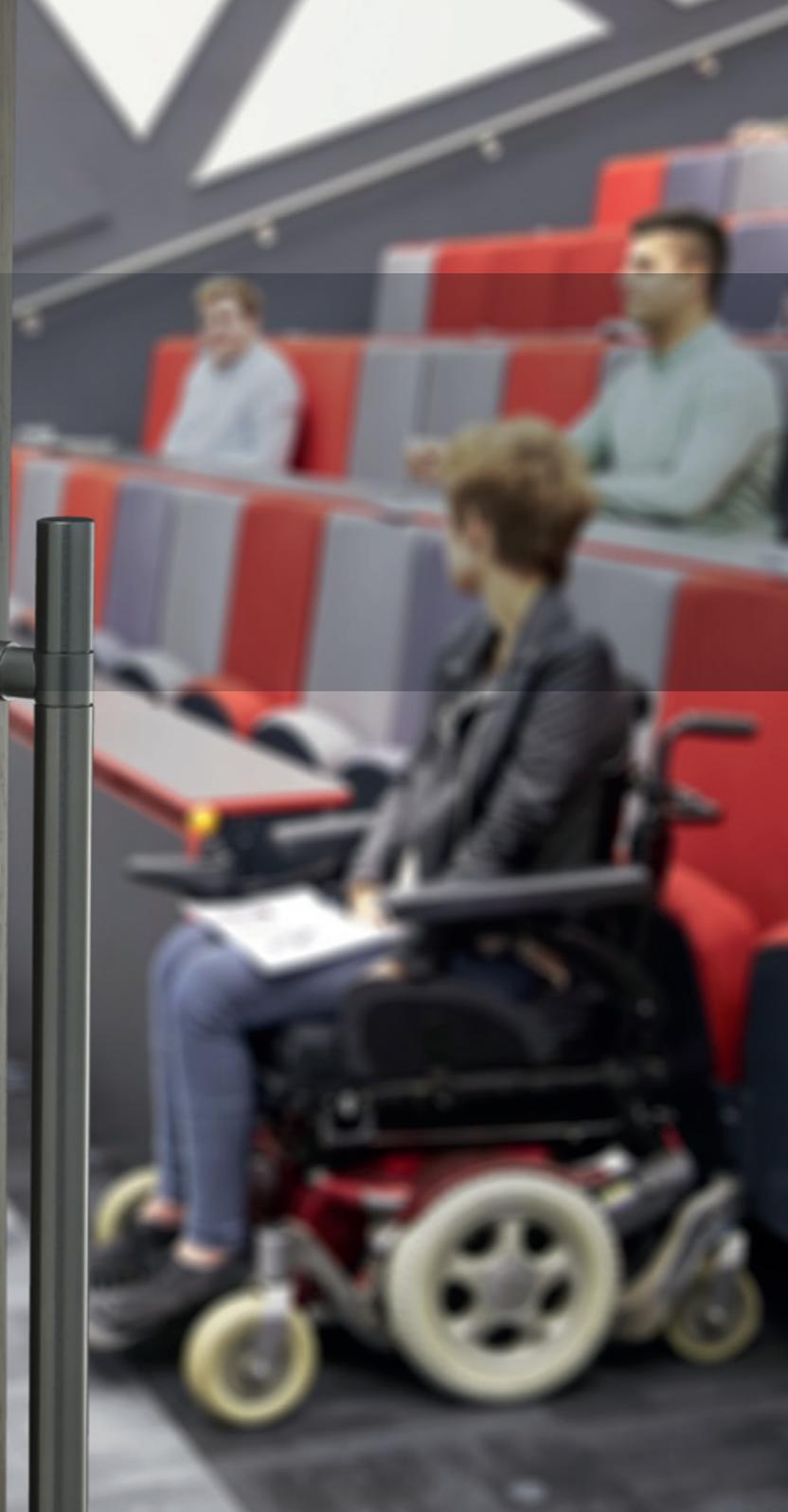


Modus™ design and high performance

With all the elements tested together you can enjoy the peace of mind that comes with a 25 year mechanical guarantee, along with the freedom to create the designs that truly express the spirit of the projects you are undertaking.



modus™



There is no substitute for quality, so no matter whether your building is a light, modern office development or a chic waterside residential conversion, there is a Modus™ combination of lever furniture and finish to suit.



modus™ - PRECISION MANUFACTURING

Modus™ is manufactured in the UK from the highest quality materials including solid T316 stainless steel.

We offer a range of architectural finishes in stainless steel via PVD (Physical Vapour Deposition). This process offers endless possibilities of finish from bronze and copper through to more contemporary colours such as electric blue. Soft touch elements in various RAL colours add further dimensions to the look and feel of the range.



A key feature of the Modus™ range is the attention to detail at every stage of manufacture, finishing, testing and certification. This approach results in a product which not only looks good, but has the precision feel which gives confidence in the product's long term durability and peace of mind in its reliability.

Due to our high levels of quality control and with over 150 years' experience of manufacturing and supplying hardware to some of the most demanding projects in the built environment we are happy to be in a position to offer our unique 25 year mechanical warranty across the Modus™ range.





modus™

To complement our range of handles and fittings we also provide the full spectrum of accessories from door closers to finger plates, signage and kick plates in matching finishes.

All components in the Modus™ range offer the same high levels of performance, tested and certified to the highest levels of EN standards and CE marked where appropriate.



modus™ - LEVER FURNITURE

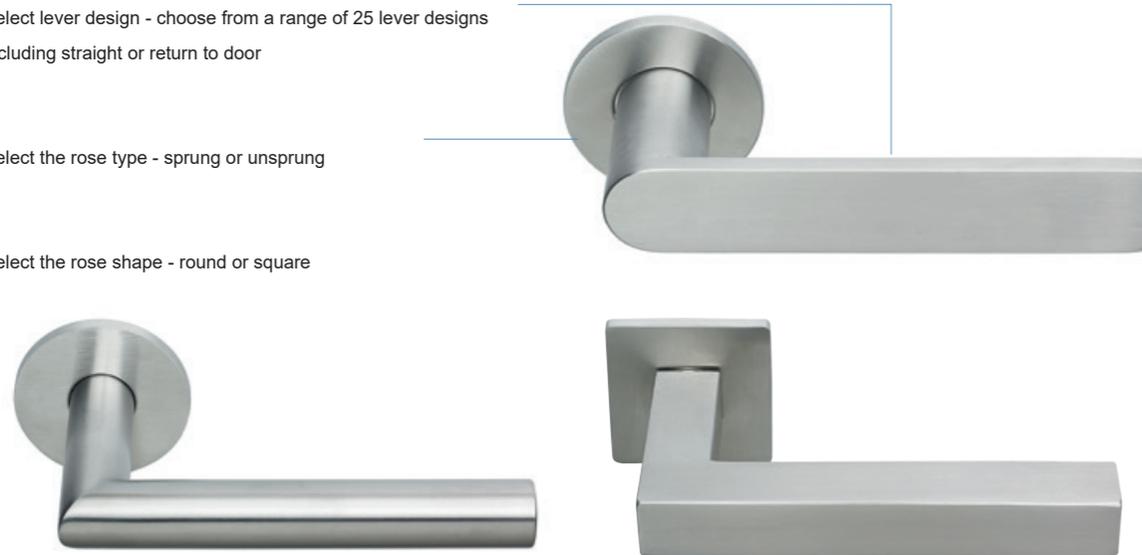
A comprehensive set of options is available for each Modus™ lever design.

Please note, not all combinations are relevant or appropriate. On the following pages we have identified the most appropriate combinations.

1. Select lever design - choose from a range of 25 lever designs including straight or return to door

2. Select the rose type - sprung or unsprung

3. Select the rose shape - round or square



4. Select the rose technology:

Ball bearing - 4mm thick roses (only available on unsprung assemblies) with press on covers **Academy** - 2mm thick flat roses with visible fixings on the inside

Circlip - 4mm thick roses with press on covers

Sprung - 9mm thick roses with a spring cassette and stainless steel push on cover

All levers are supplied as a pair (also available as a half set if required) with bolt through fixings and break through spindle suitable for doors 38 - 54mm thick. Alternative fixing packs are available for other door thicknesses.

Ball bearing roses

Levers are prefixed to inner rose which has an integral ball bearing race that provides smooth operation with increased durability

All stainless steel construction

Rose inners have flexible 'O' rings to give a firm hold for push on rose covers

Bolt through fixings M4

Spindle has 'break-thro' grub screw for positive and non-slip location

Academy

Roses are supplied separately and have a bronze bearing washer. Bolt through fixings are totally blind on the outside, ideal for applications which may be subject to tampering.



Circlip

For everyday applications, roses and levers are pre-assembled with a bronze bearing washer and are circlip fixed.



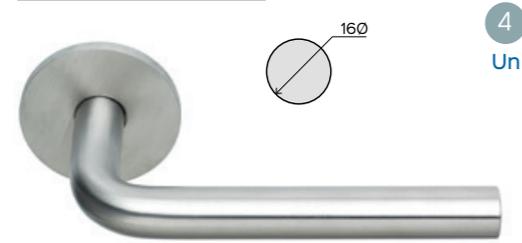
Sprung

Typically used with heavy levers and/or in high traffic applications. Plastic spring cassettes are supplied loose fit for assembly with most lever handles.



modus™ - LEVER FURNITURE

KF-8101A/1...

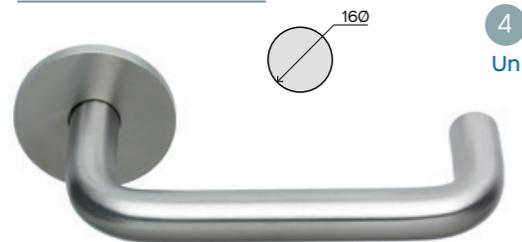


Round bar lever handle 16mmØ x 130mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	111	113	-	-



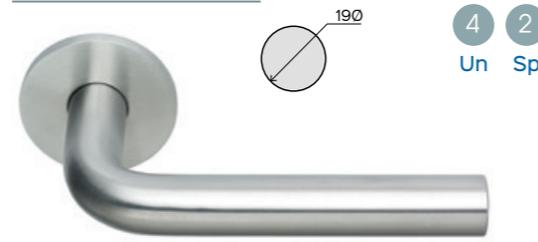
KF-8101A/2...



Round bar lever handle 16mmØ x 135mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	111	113	-	-

KF-8101B/1...



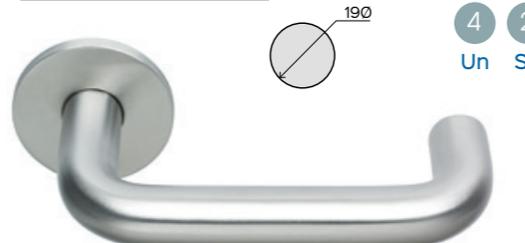
Round bar lever handle 19mmØ x 130mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	111	113	-	214

4 2

Modus™ lever handle assemblies compliant with EN 1906 and have a Category of Use Grading as shown by this icon (Sp - Sprung; Un - Unsprung)

KF-8101B/2...

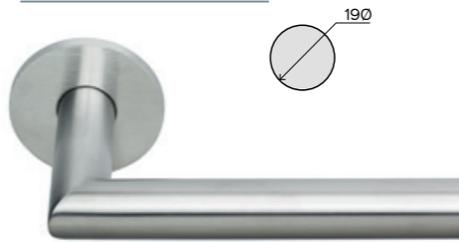


Round bar lever handle 19mmØ x 135mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	111	113	-	214



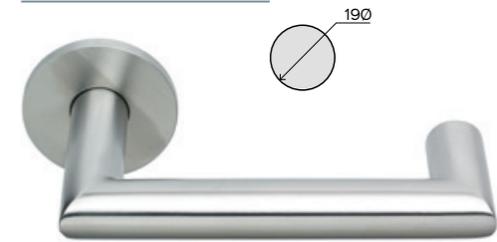
KF8102B/1...



Mitred lever handle 19mmØ x 130mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	111	113	-	214

KF-8102B/2...



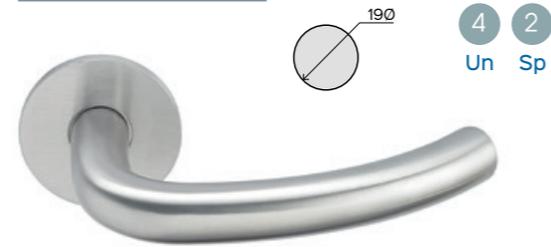
Mitred lever handle 19mmØ x 135mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	111	113	-	214

To determine the lever handle designation use the title reference followed by the rose type - e.g KF-8101B/214



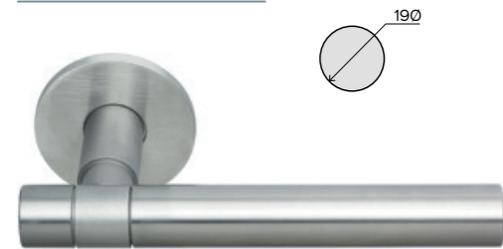
KF-8103/2...



Curved lever handle 19mmØ x 135mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	111	113	-	214

KF-8106B/1...



Dual texture lever handle 19mmØ x 145mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8106B/2...



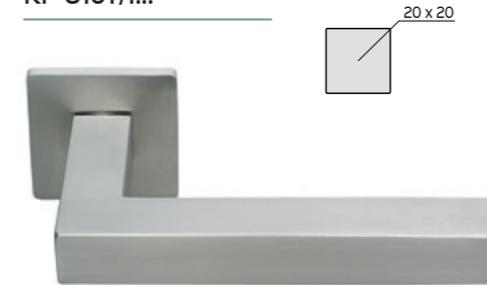
Dual texture lever handle 19mmØ x 145mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

To determine the lever handle designation use the title reference followed by the rose type - e.g KF-8106B/1214

Modus™ lever handle assemblies compliant with EN 1906 and have a Category of Use Grading as shown by this icon (Sp - Sprung; Un - Unsprung)

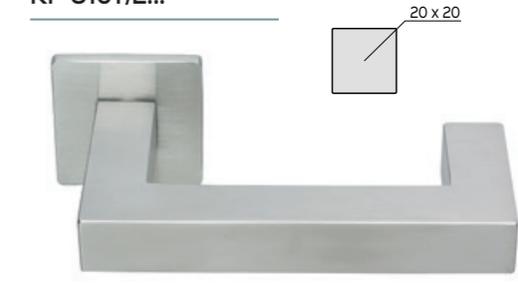
KF-8107/1...



Square section lever handle 20 x 20 x 130mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
square	-	-	112	-

KF-8107/2...



Square section lever handle 20 x 20 x 135mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
square	-	-	112	-

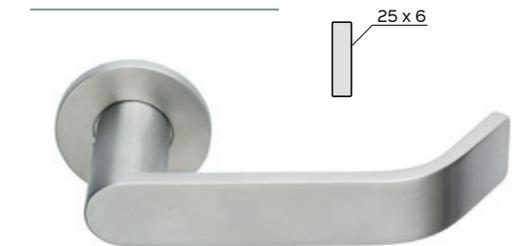
KF-8108/1...



Flat section lever handle 25 x 6 x 135mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8108/2...



Flat section lever handle 25 x 6 x 140mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

modus™ - LEVER FURNITURE



KF-8109/1...



D section lever handle 25mmØ x 145mm
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214



KF-8111/1...



Wedge lever handle 22mm deep x 130mm straight Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8110/1...



Tear drop lever handle 26 x 18 x 145mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8110/2...



Tear drop lever handle 26 x 18 x 145mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

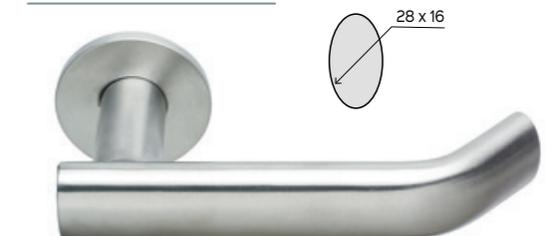
KF-8112/1...



Oval lever handle 28 x 16 x 145mm straight
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8112/2...



Oval lever handle 28 x 16 x 155mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

To determine the lever handle designation use the title reference followed by the rose type - e.g KF-8110/1214

modus™ - LEVER FURNITURE

KF-8113/1....



Curved lever handle 19mmØ x 145mm - with grooves
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8114/1...



Curved lever handle 19mmØ x 145mm - no grooves
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8118/2...



Scroll lever handle 25 x 6 x 135mm return to door
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214



KF-8116/1...



Coupe lever handle 19mmØ x 155mm - with grooves
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8117/1...



Coupe lever handle 19mmØ x 155mm - no grooves
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

KF-8119/1...



Arc oval section 16 x 28 x 155mm lever handle
Stainless steel grade 316.

Rose	Bearing	Academy	Circlip	Sprung
round	-	113	112	214

To determine the lever handle designation use the title reference followed by the rose type - e.g KF-8116/1214

modus™ - PULL HANDLE FURNITURE

The Modus™ range of pull handles are designed to co-ordinate with our range of lever handles.

1. Select pull handle design - choose from a range of styles or to co-ordinate with the lever design selected
2. Select the size of pull handle required. Pulls are available in a range of lengths and centres
3. Select the fixing type (bolt through - **BT** or back to back - **BB/BBG**) and the door type. To order, simply apply the code for size and fixing type to the pull handle code - e.g. KF-8301A BT/525



Bolt Through (BT)

Pull handles are supplied as singles with M6 bolt through fixings. Push plates may be required on the opposite side of the door to conceal bolt heads.



Back to Back (Timber/Metal) Pull

handles are supplied as a pair with a special back to back fixing bolt. Standard bolt suits doors 38-54mm thick.



Back to Back (Glass)

Back to back fixing is supplied to suit glass doors 10-12mm thick and are supplied with nylon protective washers.



Fixings are available for other door thicknesses - please ask for details.



Covercap Bolts

Alternative bolt through fixings with a pig nosed bolt and cover caps suitable for 19mm or 25mm diameter pull handles.

KF-8390A/19

For 19mmØ pull handles



KF-8390A/25

For 25mmØ pull handles



Face Fixing

Optional face fixing roses. Roses are fixed using the stainless steel screws provided.

KF-8390B/4

Face fixing rose 52Ø x 4mm (pair)



KF-8390B/9

Face fixing rose 52Ø x 9mm (pair)

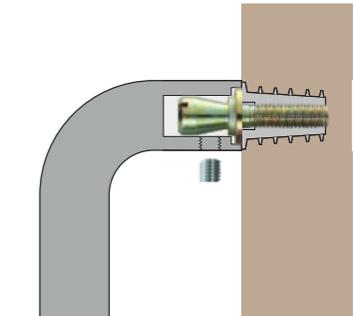


Secret Face Fixing

Using a threaded insert and back to back headed bolts, the handle is fixed using grub screws.

KF-8390C

Secret face fixing - to suit all pull handle diameters



modus™ - PULL HANDLE FURNITURE

Round bar - solid

A range of solid round bar pull handles available in 16mmØ and 19mmØ.

Stainless steel grade 316.



16mmØ		KF-8301A	
19mmØ		KF-8301B	
	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB/BBG	BB/320	BB/525	BB/700

Round bar - tubular

A range of tubular round bar pull handles available in 22mmØ and 25mmØ.

Stainless steel grade 316.



22mmØ		KF-8301C	
25mmØ		KF-8301D	
	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB/BBG	BB/320	BB/525	BB/700

Other lengths and diameters are also available - please ask for details. Diameters of 22mm and above are constructed in tubular stainless steel.

All dimensions quoted are the overall length.

Select the fixing type required (bolt through - **BT** or back to back - **BB**)
For **BB** pulls please state if timber/metal or glass doors (**BBG**).



Mitred - solid

Mitred solid round bar pull handle 19mmØ

Stainless steel grade 316.



19mmØ		KF-8302B		
	320mm	525mm	700mm	
BT	BT/320	BT/525	BT/700	
BB/BBG	BB/320	BB/525	BB/700	

Mitred - tubular

Mitred tubular round bar pull handle 25mmØ

Stainless steel grade 316.



25mmØ		KF-8302D		
	320mm	525mm	700mm	
BT	BT/320	BT/525	BT/700	
BB/BBG	BB/320	BB/525	BB/700	

Other lengths and diameters are also available - please ask for details. Diameters of 22mm and above are constructed in tubular stainless steel.

All dimensions quoted are the overall length.

modus™ - PULL HANDLE FURNITURE

Pillared - solid

Solid round bar pillar pull handle 16mmØ and 19mmØ Stainless steel grade 316.



16mmØ		KF-8303A		
19mmØ		KF-8303B		
		320mm	525mm	700mm
BT	BT/320	BT/525	BT/700	
BB/BBG	BB/320	BB/525	BB/700	

Offset - solid

A series of offset 19mmØ round bar pillar mounted pull handles. Stainless steel grade 316.



19mmØ		KF-8305B		
		320mm	525mm	700mm
BT	BT/320	BT/525	BT/700	
BB/BBG	BB/320	BB/525	BB/700	

Pillared - tubular

Tubular round bar pillar pull handle 25mmØ and 32mmØ Stainless steel grade 316.



25mmØ		KF-8303D		
		320mm	525mm	700mm
BT	BT/320	BT/525	BT/700	
BB/BBG	BB/320	BB/525	BB/700	

Offset - tubular

A series of offset round bar pillar mounted pull handles. Stainless steel grade 316.



25mmØ		KF-8305D		
		320mm	525mm	700mm
BT	BT/320	BT/525	BT/700	
BB/BBG	BB/320	BB/525	BB/700	

Select the fixing type required (bolt through - **BT** or back to back - **BB**) For **BB** pulls please state if timber/metal or glass doors (**BBG**).



Teardrop pillared

Tubular teardrop section pull handle 18 x 26mm with pillar mounting. Stainless steel grade 316.



18 x 26mm		KF-8309B		
		320mm	525mm	700mm
BT	BT/320	BT/525	BT/700	
BB/BBG	BB/320	BB/525	BB/700	



Other lengths and diameters are also available - please ask for details. Diameters of 22mm and above are constructed in tubular stainless steel.

All dimensions quoted are the overall length.

modus™ - PULL HANDLE FURNITURE

Cranked round bar

A series of solid and tubular cranked round bar pull handles.
Stainless steel grade 316.



* 19mmØ pulls are solid stainless steel

*19mmØ	KF-8304B
25mmØ	KF-8304D

	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB/BBG	BB/320	BB/525	BB/700

Oval pillared

Tubular oval section pull handle 28 x 16mm with pillar mounting.
Stainless steel grade 316.



18 x 26mm	KF-8310D
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	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB/BBG	BB/320	BB/525	BB/700

Square mitred

Tubular square mitred pull handles.
Stainless steel grade 316.



20 x 20mm	KF-8306B
25 x 25mm	KF-8306D

	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB/BBG	BB/320	BB/525	BB/700

Other lengths and diameters are also available - please ask for details. Diameters of 22mm and above are constructed in tubular stainless steel.

All dimensions quoted are the overall length.

Select the fixing type required (bolt through - **BT** or back to back - **BB**)
For **BB** pulls please state if timber/metal or glass doors (**BBG**).



Flat bar - solid



Solid flat bar pull handle 25 x 10mm.
Stainless steel grade 316.

25 x 10mm	KF-8307D		
	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB/BBG	BB/320	BB/525	BB/700

Dual texture - solid



Solid dual texture pull handle 19mmØ
Stainless steel grade 316.

19mmØ	KF-8308B		
	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB/BBG	BB/320	BB/525	BB/700

Other lengths and diameters are also available - please ask for details. Diameters of 22mm and above are constructed in tubular stainless steel.

All dimensions quoted are the overall length.

modus™ - ACCESSORIES

Escutcheons



Lock function escutcheons - 52mm Ø with push on covers (4mm or 9mm variants).

Stainless steel grade 316.

Escutcheon	4mm	9mm
euro profile	KF-8201A	KF-8201B
oval profile	KF-8202A	KF-8202B
lever key	KF-8203A	KF-8203B
blank	KF-8204A	KF-8204B

Escutcheons



Lock function escutcheons - 50 x 50mm with push on covers (4mm variant only).

Stainless steel grade 316.

Escutcheon	4mm	9mm
euro profile	KF-8221A	-
oval profile	KF-8222A	-
lever key	KF-8223A	-
blank	KF-8224A	-

Bathroom function



Stub turn Release & indicator Peanut turn Accessible peanut turn Accessible bar T bar

Bathroom sets supplied as a pair with emergency release with or without indicator - 52mm Ø c/w 5mm spindle.

Stainless steel grade 316.

Bathroom set type	with indicator		without indicator	
	4mm	9mm	4mm	9mm
stub turn	KF-8205A	KF-8207A	KF-8206A	KF-8208A
peanut turn	KF-8205B	KF-8207B	KF-8206B	KF-8208B
accessible peanut turn	KF-8205C	KF-8207C	KF-8206C	KF-8208C
accessible bar	KF-8205D	KF-8207D	KF-8206D	KF-8208D
T bar	KF-8205E	KF-8207E	KF-8206E	KF-8208E



Escutcheons to suit various lock functions are available to suit 4mm rose mounted levers or 9mm sprung rose mounted levers.

KF-8205B / 8206B bathroom peanut turn escutcheon with KF-8308B pull handle used in conjunction with a bathroom mortice deadbolt.

Bathroom function

Bathroom sets supplied as a pair with emergency release - 50 x 50mm and 5mm spindle

Stainless steel grade 316.

Bathroom set type	4mm
stub turn	KF-8210A
peanut turn	KF-8210B
accessible peanut turn	KF-8210C
accessible bar	KF-8210D



modus™ - FINISHES

The use of alternative finishes is a simple and cost effective means of letting your hardware stand out from the norm. High performance PVD (Physical Vapour Deposition) has created a means of applying a decorative finish to stainless steel which is not only good looking but has very high wear and scratch resistance.

Not only can products be simply refinished in this way but we have the capability to mix finishes and colours in any number of combinations.



Soft Touch

Various 'Soft Touch' finishes add yet another dimension to our bespoke offering. Available on lever and pull handles, the soft touch finish is an applied coating with a silky feel which has both a visual and tactile warmth but at the same time does not compromise the handle's durability.

For further information talk to your local KCC office.



Soft Touch finish - Specify RAL colour required

Standard Finishes

-  Satin stainless steel
-  Polished stainless steel



Polished copper PVD

Applied Finishes

-  Satin brass Polished
-  brass Satin dark bronze
-  Polished dark bronze
-  Satin light bronze
-  Polished light bronze
-  Satin copper
-  Polished copper
-  Satin nickel
-  Polished nickel
-  Coloured PVD to RAL colour (Satin or Polished finish)



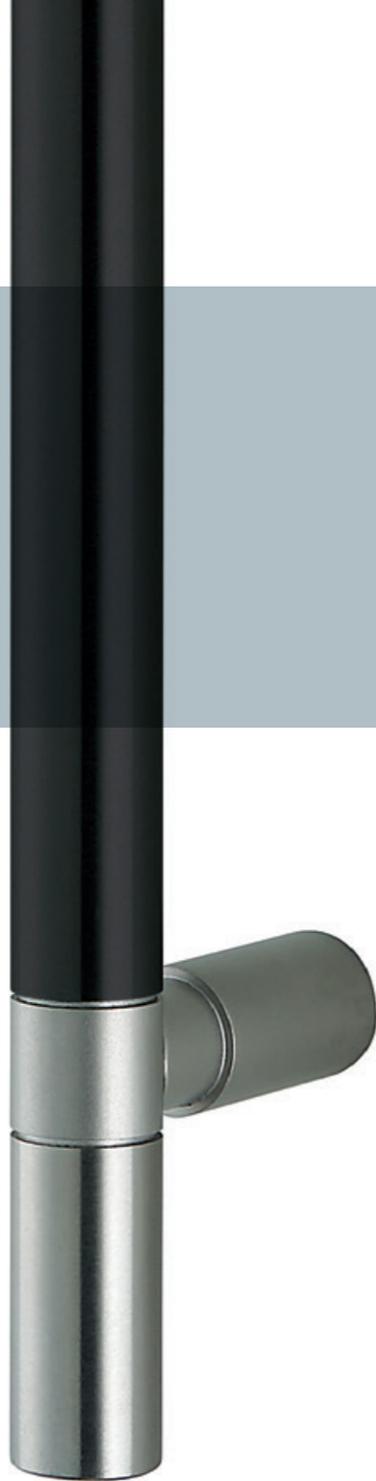
modus™ - BESPOKE DESIGNS

Bespoke Designs - Modifications

We are able to adapt existing designs to incorporate variations that you might require. This could be detail changes, sizes, projections, fixing centres etc. For example, do you want to change a pull handle into a cranked offset handle? Would you like to include an additional fixing pillar, or perhaps change the straight cut off end into a fully radiussed end cap? Whatever you want to do, we can look into the viability of doing it and what the likely cost will be.

Bespoke Designs - Exclusive

For some projects you might want to create something a little special, or maybe you want to carry through a particular building detail into the hardware. Whatever the context is our manufacturing process enables us to make everything from a 'one-off' pull handle to a fully suited range of door furniture to your design.



Some of our specials

modus™ - BESPOKE DESIGNS CASE STUDY

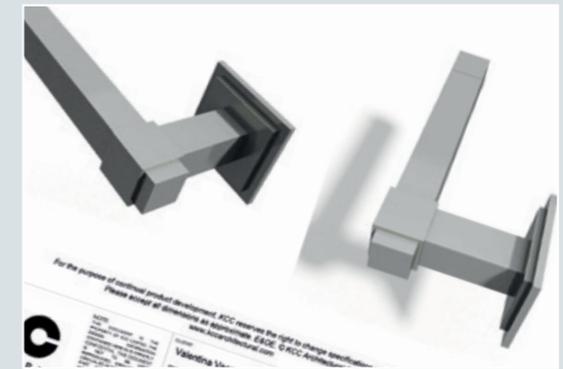
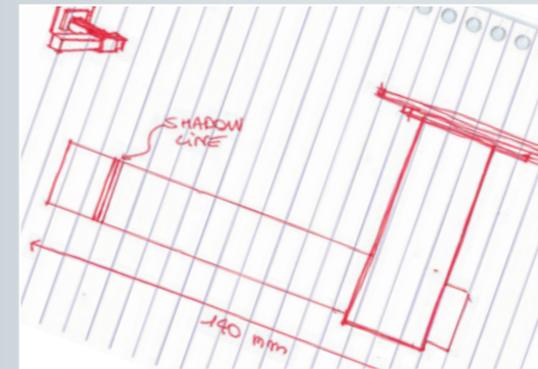
Bespoke Designs - Case Study

The close relationship we have with our manufacturing partners enables us to react to your specific project requirements and produce a finished product from just a simple initial sketch.

These pages show the development of a unique and exclusive lever handle design - starting with the simple pen sketch opposite.



FROM THIS SIMPLE SKETCH ...



From the initial rough pen sketch idea drawn by the project architects, KCC translated the design into a fully dimensioned CAD model including 3D renders for the client to approve.

From the CAD model we then produced pre-production samples in polished chrome and antique brass.

Whatever your requirements, please talk to us and together we can turn your bespoke hardware requirements into a reality.



... TO A FINISHED PRODUCT

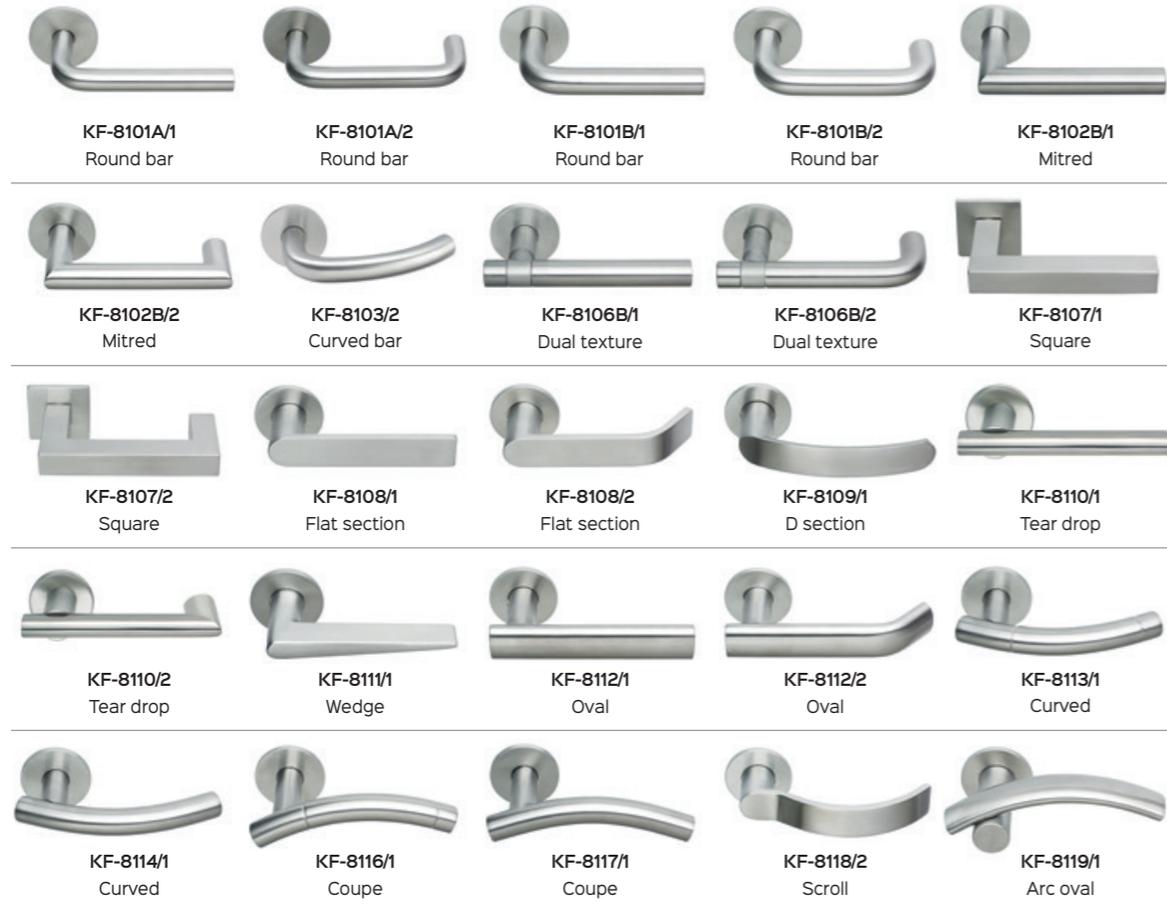


KF-8118/2 Scroll lever with circlip rose and KF-8201A cylinder escutcheon.



KF-8108/1 Flat section lever with circlip rose and KF-8201A cylinder escutcheon.

modus™ - QUICK REFERENCE



Add suffix for rose mounting:

- 111 [bearing]
- 112 [circlip]
- 113 [academy]
- 214 [sprung only]

euro	KF-8201A	KF-8201B	KF-8221A
oval	KF-8202A	KF-8202B	KF-8222A
lever key	KF-8203A	KF-8203B	KF-8223A
blank	KF-8204A	KF-8204B	KF-8224A

length	320mm	525mm	700mm
BT	BT/320	BT/525	BT/700
BB	BB/320	BB/525	BB/700

Add suffix to the pull handle code for pull handle length and fixing type: [BT - Bolt Through; BB - Back to Back] For BB pulls state if for timber/metal or glass doors. Other diameters and lengths are available.

160	190	220	250	Round bar	20 X 20	25 X 25		Square
KF-8301A	KF-8301B	KF-8301C	KF-8301D		KF-8306B	KF-8306D		
190	250			Mitred	25 X 10			Flat section
KF-8302B	KF-8302D				KF-8307D			
160	190	250		Pillared	190			Dual texture
KF-8303A	KF-8303B	KF-8303D			KF-8308B			
190	250	320		Offset	28 x 16			Oval
KF-8305B	KF-8305D	KF-8305E			KF-8310D			
18 x 26				Tear drop	190	250		Cranked
KF-8309B					KF-8304B	KF-8304D		



Supplied as a pair with emergency release & indicator. Use digits in [] for units without indicator. * supplied with emergency release only. See page 29.

	stub turn	peanut turn	accessible peanut	accessible bar	T bar
4mm round	KF-8205A [8206A]	KF-8205B [8206B]	KF-8205C [8206C]	KF-8205D [8206D]	KF-8205E [8206E]
9mm round	KF-8207A [8208A]	KF-8207B [8208B]	KF-8207C [8208C]	KF-8207D [8208D]	KF-8207E [8208E]
4mm square*	KF-8210A	KF-8210B	KF-8210C	KF-8210D	-

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