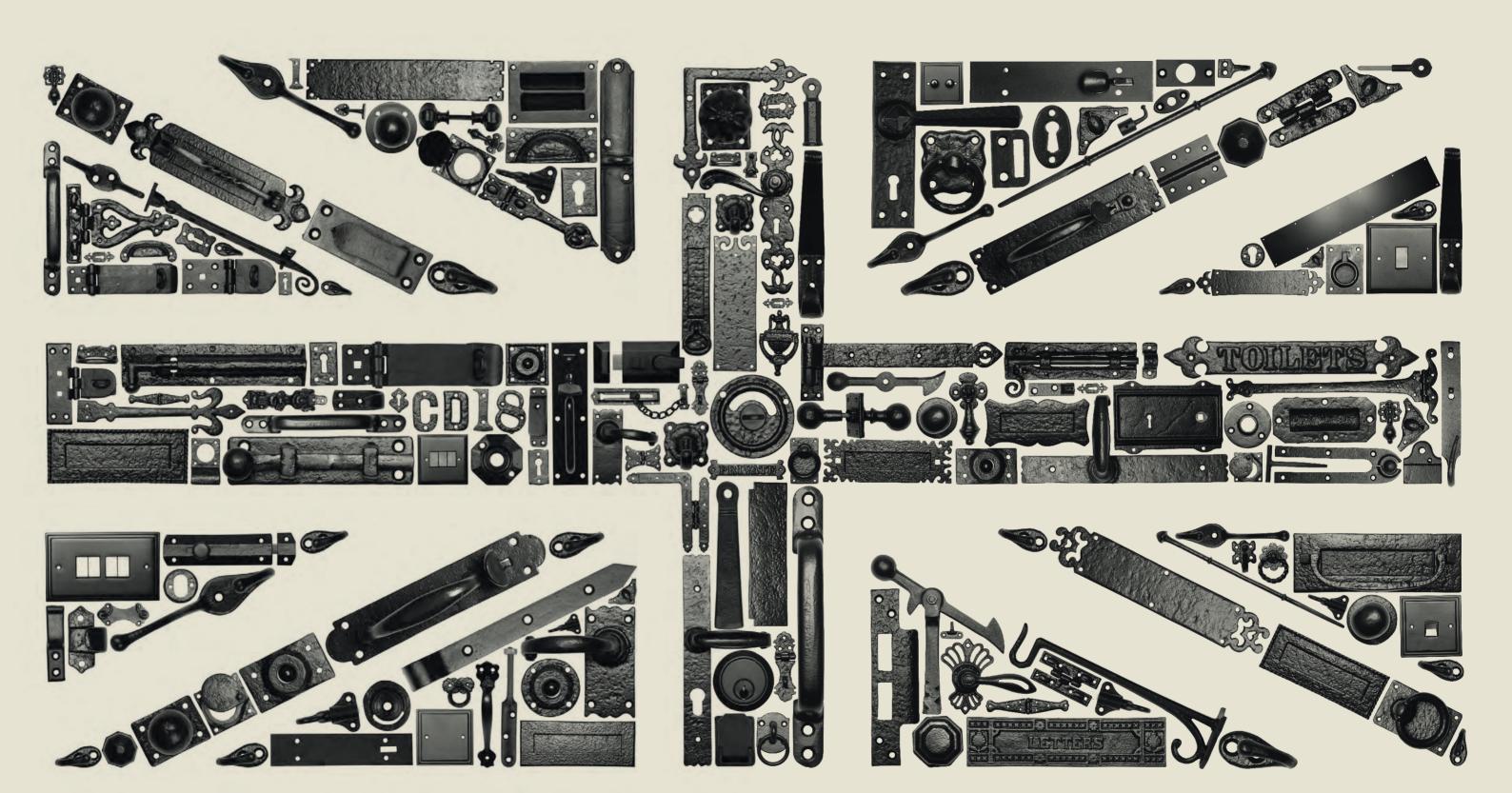


### **CONTENTS**

02 05	Handmade and British Our history	82	BLACKSMITH FORGE RANGE
06	Why choose us?	84	Door furniture
08	Ranges and finishes	88	Window furniture
	1441.900 4114 111101100	90	Hooks and handles
10	BLACK IRON RANGE	70	1100ks and narrates
12	Door and gate furniture	92	CAST BRASS RANGE
12	Lever handles	93	Door furniture
18	Hinges and hinge fronts	99	Window furniture
24	Thumb and gate latches	100	Hooks, handles and locks
30	Letter plates		
33	Bolts and locks	102	RAWNSLEY RANGE
40	Pull handles		
44	Door knobs	104	INSPIRATION AND
48	Door knockers		WHERE TO BUY
52	Door accessories		
60	Cata Cttings	106	GLOSSARY
60	Gate fittings		
60	Gate stops and catches	108	PRODUCT INDEX
60	Locking bars/Hasp and staples		
62	Window furniture		
62	Casement fasteners		
67	Casement stays		
72	Cabinet and drawer furniture		
73	Handles		
74	Knobs and pulls		
76	Home accessories		

Hooks and brackets Lighting Patio and fireside





### **OUR HISTORY**



Our business was founded by William Kirkpatrick, Esq. J. P. (1817–1887) in Walsall in 1855, and carried on for many years in his name and direction.

His son, Vincent Kirkpatrick, succeeded his father and presided over the incorporation of the business as a Limited Company in 1901. Upon incorporation, many loyal and long serving employees were given a shareholding, starting a tradition which continues to this day.

Many of the descendents of those first shareholders still retain their interest in the Company and the Kirkpatrick family still also retain a shareholding.

### Adapting to change

While looking back through our large collection of product catalogues dating back to the 19th century, much of our present window and door furniture remains true to our roots and has changed little over the past 160 years.

But we've not stood still – apart from during both World War I and II, when production was interrupted to concentrate on the war effort, we've been constantly evolving to reflect changing tastes, fashions and technology. For example, many of our window fasteners now include secure locking mechanisms and we also supply products to suit modern UPVC windows and doors.



### The last UK foundry

In the mid-20th century there were many jobbing foundries in the Midlands and the Black Country, however most have fallen by the wayside owing to increasing international competition from India and the Far East.

As a result, we are immensely proud to be the only manufacturer of traditional black ironmongery left in the UK who genuinely pours their own metal.

Our continued success is due to the world-class quality of our genuinely hand-made products and our ability to adapt and develop our range to suit the needs of an ever changing world.





### FROM POURING TO PACKING...

...each stage is performed by our own fair hands — making us the only ironwork company whose products are genuinely handmade in Britain from start to finish.



PATTERN MAKING

Dave gets the ball rolling by creating the distinctive patterns from which every Kirkpatrick product is born.



COOLING

David removes the heavy weights from moulds (which stop the iron exploding) and it begins to cool.



**GRINDING** 

David grinds away the rough edges and unwanted seams to give the castings a smarter finish.



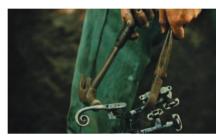
COATING

Dean sprays our products with a powder coating for a great finish, before baking them again for extra durability.



MOULDING

Chris skilfully makes the moulds by pressing the patterns into a special box filled with black sand.



**REMOVING** 

Dave moves the moulds and taps off the sand, to reveal the fresh new casting underneath.



**FILING** 

Bill completes the smoothing and rounding of each individual piece with a quick file down.



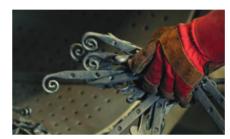
**PACKING** 

Tracy makes sure every product is packed with the same care and attention that goes into making them.



**MELTING** 

Paul adds pig iron to the induction furnace, which is heated to a melting point of 1,200 °C.



SHOT BLASTING

Stuart puts the castings with metallic shot into a barrelling machine to smooth away rough edges.



**DRILLING** 

Sandra hand drills individual holes on each casting for accuracy and to give a high quality, durable finish.



**SENDING** 

Mark works hard to ensure every customer receives their Kirkpatrick products in good time.



COLLECTING

Kevin collects the molten iron as it is poured from the tipped furnace into pre-heated pots.



**ANNEALING** 

Mark places the castings into pots which are heated to 1,000 °C - making the iron strong vet malleable.



**ASSEMBLING** 

Dave assembles a range of our products by attaching, hammering and expertly screwing them together.



**ENJOYING** 

Kirkpatrick product, each providing a lifetime of enjoyment.



**POURING** 

Ransford needs a steady hand to evenly pour the molten iron into different moulds.



SORTING

Martin takes the castings, which have undergone further shot blasting, and separates each into storage boxes.



DIPPING

Michael makes sure the castings never rust by hanging and dipping each one in protective paint.



It takes over six weeks to create every



### WHY CHOOSE US?

We believe our 160-year tradition for producing handmade ironmongery, utilising the skills of our local workforce, gives Kirkpatrick products a style, authenticity and longevity that cannot be matched by less expensive, poor quality imitations.

It is a combination of our experience, expertise and dedication to producing ironwork of the utmost character which means that you will not find better quality or value anywhere else in the world.

### Our heritage

Much of our black iron door and window furniture is based on patterns (designs) used by our foundry since its inception in the 19th century. Our workforce today uses essentially the same finishing and assembly techniques as back then, which have been handed down and refined through generations.

It's this history which helps us create durable and beautiful ironwork products that have an integrity and authenticity which is second to none.

### Our craft

Each and every piece of our ironmongery is lovingly crafted by hand over a six week period, ensuring each door handle and window latch is unique and lovingly created to provide strength and quality which will last a lifetime.

Added to this, we react quickly and efficiently to our customer's needs, and are able to produce new fittings that perfectly match the style and character of old buildings.

### Our promise

We keep most of our products in stock and aim to deliver within 48 hours. So if you're trying to find a match for existing traditional ironwork or perhaps want to fit out a stylish new barn conversion, we're sure to have what you need.

We can supply everything from door and window furniture to coat hooks and shelf brackets, but if you can't find what you are looking for please get in touch as we are also able to create bespoke, one-off pieces to suit your exact needs.

### Our authenticity

We use malleable iron, because it is stronger and more durable than imported alternatives. This authenticity, coupled with the high quality of our products has made us recognised leaders in our field.

We're proud to be the only traditional ironmongery manufacturer able to use the Made in Britain logo. Why buy a traditional British product steeped in history from India or China?

### Our guarantee

We are proud of our heritage and the quality of our malleable iron products. Crafted to the highest standards using traditional manufacturing processes we are confident that you cannot buy a better quality product.

Care instructions are included in each product and by adopting this simple advice you can help ensure that Kirkpatrick Ironmongery will remain highly decorative and will last a lifetime.

### Our green creds

Although we are a traditional company, we're always looking for ways to improve our efficiency and therefore our environmental impact – so we've invested in reducing our energy consumption which has helped us save 250 tonnes of carbon each year since we upgraded our processes.

Our factory emissions are minimal and regularly tested to ensure we comply with the Environmental Protection Act and as a result – our carbon footprint is lower than many of our competitors who use foundries in unregulated countries and whose products have been imported into the UK.



### **RANGES**



### **BLACK IRON**

Our Black Iron range is the largest available anywhere in the world. Pieces range from traditional to contemporary in style in an Antique or Smooth Black Iron finish, with other finishes available on certain products. (See page 10)



### **BLACKSMITH FORGE**

Our stylish new Blacksmith Forge range has been inspired by the iconic Gothic architecture of the late medieval period. It includes both door and window furniture, plus other fittings, and comes in a flat matt black or Argent finish to suit both traditional and contemporarystyled homes. (See page 82)



### **CAST BRASS**

Our Cast Brass range is modelled from select pieces from our Black Iron range, which are made entirely from brass so the manufacturing process used differs from our black iron pieces. The component parts are highly polished before assembly and then have a tough lacquer applied to protect the product. (See page 92)



### **RAWNSLEY**

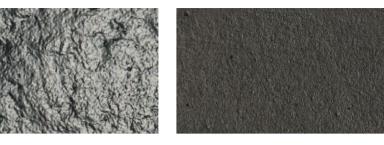
The Rawnsley range is based on ornate patterns rescued from a foundry on Cannock Chase which closed in the early 1980s. Some of the patterns are also to be found in old Kirkpatrick catalogues. The Rawnsley range is available in Black, Pewter and Argent finishes. (See page 102)

### **FINISHES**



### **AB ANTIQUE BLACK**

A stippled and slightly glossy black iron finish gives our products a unique texture. This is achieved by using antique style castings and the application of our tough powder coat protection. Products which have moving parts are also subjected to a prior coat of paint for additional protection.



### **SB SMOOTH BLACK**

A smooth matt textured, black iron finish. Although many products look similar to those with an Antique Black finish these differ because we use a smooth style pattern. The same paint and powder process as Antique Black is generally used.



### **A ARGENT**

Argent has a slight stippled 'naked' silver metal finish which creates subtle highlights in differing lights. It differs from Pewter in that it is a bare metal finish with a coat of clear lacquer applied for protection.



### P PEWTER

Our Pewter finish is achieved by using a different colour final coating to give a long lasting Pewter effect. This finish is available on all products.



### **B** BRASS

Our original and authentic patterns are used to produce our Cast Brass range, and after casting the components are polished and then assembled by hand, finally finished with a tough lacquer to offer protection against corrosion.





### DOOR AND GATE FURNITURE LEVER HANDLES



















Lock, latch, bathroom, Euro & oval 228 x 50mm (9" x 2")

Lock, latch, bathroom, Euro & oval 152 x 38mm (6" x 1 1/2")

**2450** Lock, latch, bathroom, Euro & oval 190 x 57mm (7 1/2" x 2 1/4")

Lock, latch, bathroom, Euro & oval 247 x 50mm (9 3/4" x 2")

**2440**Lock, latch, bathroom, Euro & oval 152 x 38mm (6" x 1 1/2")

Latch only – 139 x 47mm (5 1/2" x 1 7/8")

Lock or latch – 184 x 57mm (7 1/4" x 2 1/4") Short latch – 143 x 57mm (5 5/8" x 2 1/4")

**2439** Lock or latch – 152 x 38mm (6" x 1 1/2") Short latch – 101 x 38mm (4" x 1 1/2")

**879** Latch only – 50mm (2")

See glossary (p106) to identify which handle type you require. All products are spring loaded except where indicated.



### DOOR AND GATE FURNITURE LEVER HANDLES







2448

Lock, latch & bathroom

159 x 50mm (6 1/4" x 2")

165 x 50mm (6 1/2" x 2")

Lock, latch, bathroom, Euro & oval

Latch only – 108 x 50mm (4 1/4" x 2")









AB P

2454

AB P





Lock, latch & bathroom 159 x 50mm (6 1/4" x 2")

### 2451

Lock, latch, bathroom, Euro & oval 164 x 47mm (6 1/2" x 1 7/8")

Lock, latch, bathroom, Euro & oval 127 x 50mm (5" x 2")

### 2444

Lock, latch & bathroom 165 x 50mm (6 1/2" x 2")

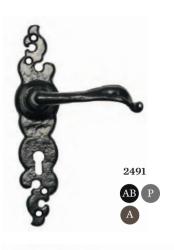
### 2454

Lock, latch, bathroom, Euro & oval 164 x 47mm (6 1/2" x 1 7/8")

Lock, latch & bathroom 127 x 50mm (5" x 2")



















### 2496

Lock, latch, bathroom, Euro & oval 177 x 38mm (7" x 1 1/2")

### 2495

Lock, latch & bathroom 184 x 50mm (6 1/2" x 2")

### 2568

Lock, latch & bathroom 152 x 38mm (6" x 1 1/2")

See glossary (p106) to identify which handle type you require. All products are spring loaded except where indicated.

Lock - 140 x 55mm (5 1/2" x 2 1/2") Latch – 114 x 55mm (4 1/2" x 2 1/2")

### 2494

Lock, latch & bathroom 152 x 50mm (6" x 2")

Lock, latch, bathroom, Euro & oval 152 x 38mm (6" x 1 1/2")

Lock, latch, bathroom, Euro & oval 197 x 45mm (7 3/4" x 1 3/4")

Lock - 140 x 38mm (5 1/2" x 1 1/2") Latch – 114 x 38mm (4 1/2" x 1 1/2")

Latch only - 50 x 50mm (2" x 2")

14 KIRKPATRICK.CO.UK BLACK IRON RANGE | LEVER HANDLES 15

### Lever door handle 2451 in Antique Black 16 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE LEVER HANDLES







### 2459

Lock, bathroom, Euro & oval 266 x 38mm (10 1/2" x 1 1/2") 72mm & 92mm standard centres Not spring loaded

### 2463

Lock or latch - 267 x 38mm (10 1/2" x 1 1/2")

### Cylinder 6000

Black double cylinder or thumb turn and single cylinder. Keyed alike, keyed to differ or master keyed. Odd sizes available in multiples of 5mm. Please ask for details.

### 2460

Lock, bathroom, Euro & oval 266 x 38mm (10 1/2" x 1 1/2") 72mm & 92mm standard centres Not spring loaded

### 2462

Lock, bathroom, Euro & oval 273 x 44mm (10 3/4" x 1 3/4") 72mm & 92mm standard centres Not spring loaded

### 2461

Lock, bathroom, Euro & oval 266 x 38mm (10 1/2" x 1 1/2") 72mm & 92mm standard centres Not spring loaded

### 6054

Lock, latch or Euro – 266 x 38mm 72mm & 92mm standard centres (10 1/2" x 1 1/2") Not spring loaded

# 18 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE HINGES



### **799**

228 x 101mm (9" x 4") 304 x 140mm (12" x 5 1/2") 400 x 146mm (15 3/4" x 5 3/4") 457 x 152mm (18" x 6") 533 x 152mm (21" x 6") 609 x 160mm (24" x 61/4")

228 x 108mm (9" x 4 1/4") 266 x 108mm (10 1/2" x 4 1/4") 304 x 108mm (12" x 4 1/4") 381 x 108mm (15" x 4 1/4") 457 x 108mm (18" x 4 1/4")

419 x 171mm (16 1/2" x 6 3/4")

304 x 133mm (12" x 5 1/4") 406 x 133mm (12" x 5 1/4") 482 x 133mm (19" x 5 1/4") 660 x 133mm (26" x 5 1/4")

152 x 63mm (6" x 2 1/2") 263 x 101mm (10 1/2" x 4") 313 x 101mm (12" x 4") 388 x 101mm (15" x 4") 456 x 101mm (18" x 4") 513 x 101mm (21" x 4")

508 x 209mm (20" x 8 1/4")

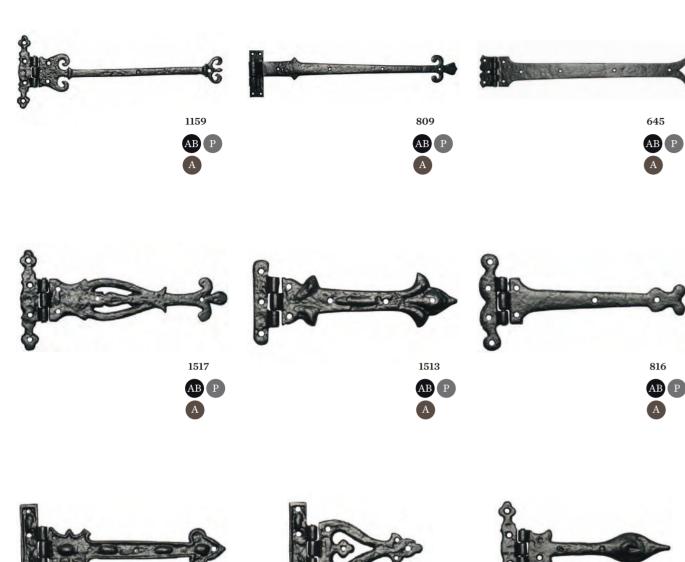
### 1161

304 x 101mm (12" x 4") 381 x 101mm (15" x 4") 457 x 101mm (18" x 4")

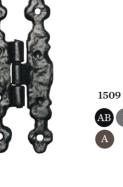
Lift off hinge Strap – 283mm (11") Plate – 88 x 28mm (3 1/2" x 1")

406 x 108mm (16" x 4 1/4") 457 x 120mm (18" x 4 3/4") 508 x 120mm (20" x 4 3/4")

### DOOR AND GATE FURNITURE **HINGES**





































5141/5148

1159 304 x 114mm (12" x 4 1/2") 1517

216 x 114mm (9" x 4 1/2") 1512 207 x 95mm (8" x 3 3/4")

660 x 133mm (26" x 5 1/4")

1513

194 x 80mm (7 1/2" x 3 1/4")

1510

133 x 94mm (5 1/4" x 3 3/4")

457 x 101mm (18" x 4") 609 x 101mm (24" x 4")

816

203 x 95mm (8" x 4")

156 x 88mm (6" x 3 1/2") 232 x 114mm (9" x 4 1/2") 304 x 114mm (12" x 4 1/2") 1509

Suitable for cabinet doors 111 x 51mm (4 1/2" x 2")

1508

Suitable for cabinet doors 95 x 45mm (3 1/4" x 1 3/4")

Suitable for cabinet doors 101 x 35mm (4" x 1 3/8")

Suitable for cabinet doors 89 x 41mm (3 1/2" x 1 5/8")

171 x 63mm (6 3/4" x 2 1/2")

Suitable for cabinet doors 90 x 69mm (3 1/2" x 2 5/8")

Suitable for cabinet doors 80 x 42mm (3 1/4" x 1 5/8")

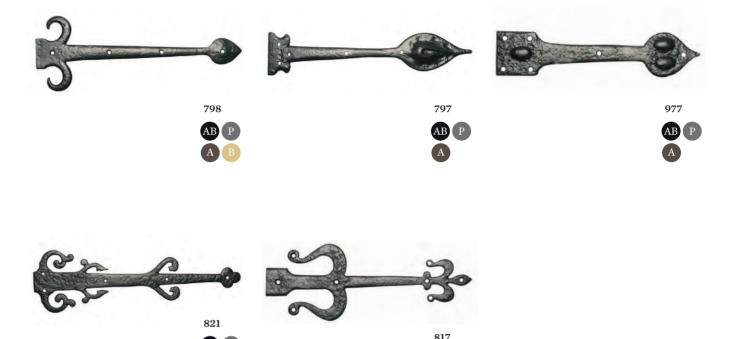
620

177 x 63mm (7" x 2 1/2")

(5141) Steel butt hinge – 102mm (4") (5148) Steel butt hinge – 76mm (3")

### DOOR AND GATE FURNITURE HINGES AND HINGE FRONTS





925

Suitable for cabinet doors 51 x 38mm (2 1/8" x 1 3/4") 70 x 50mm (2 3/4" x 2")

### 1511

139 x 114mm (5 1/2" x 4 1/2")

### 819

Hinge front

304 x 129mm (12" x 5 3/4") 381 x 146mm (15" x 5 3/4") 457 x 146mm (18" x 5 3/4") 533 x 146mm (21" x 5 3/4")

### 927

Suitable for cabinet doors 130 x 73mm (5" x 2 7/8")

### 978

Hinge front 101 x 89mm (4" x 3 1/2")

### 641

Hinge front 345 x 90mm (13 3/4" x 3 1/2")

### 92

Suitable for cabinet doors 83 x 45mm (3 1/4" x 1 3/4)

### 820

Hinge front 152 x 41mm (6" x 1 5/8") 304 x 63mm (12" x 2 1/2") 406 x 120mm (16" x 4 3/4") 457 x 120mm (18" x 4 3/4")

### 814F

Hinge front 304mm (12"), 381mm (15") 457mm (18"), 533mm (21")

### 798

Hinge front 304 x 139mm (12" x 5 1/2") 392 x 145mm (15 1/2" x 5 3/4") 457 x 152mm (18" x 6") 533 x 152mm (21" x 6")

### 821

Hinge front 203 x 73mm (8" x 1 7/8") 304 x 89mm (12" x 3 1/2") 457 x 139mm (18" x 5 1/2")

### 797

Hinge front 381 x 82mm (15" x 3 1/4") 457 x 89mm (18" x 3 1/2")

### 817

Hinge front 406 x 165mm (16" x 6 1/2") 406 x 159mm (16" x 6 1/4") 508 x 216mm (20" x 8 1/2")

### 977

Hinge front 247 x 54mm (9 3/4" x 2 1/8")

## Front of latch set 3619 in Argent 24 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE THUMB LATCHES



### 3624

Handle - 203mm (8") Latch - 216mm (8 1/2")

Handle - 235mm (9 1/4") Latch - 216mm (8 1/2")

Available in left and right hand versions

Handle - 228 x 63mm (9" x 2 1/2")

Latch - 197mm (7 3/4")

Handle - 197mm (7 3/4") Latch - 152mm (6")

Handle – 254 x 63mm (10" x 2 1/2") Latch – 228mm (9") Available in left and right hand versions

Handle - 254 x 50mm (10" x 2") Latch - 177mm (7")

### 1124

Side fixing catch

Handle – 190 x 50mm (7 1/2" x 2")

Latch - 101mm (4")

Handle – 177 x 38mm (7" x 1 1/2") Latch – 216mm (8 1/2")

Handle – 203 x 63mm (8" x 2 1/2") Latch – 127mm (5")

Handle - 190 x 63mm (7 1/2" x 2 1/2") Latch – 152mm (6")

### DOOR AND GATE FURNITURE

### THUMB LATCHES





Handle - 203mm (8") Latch - 152mm (6")

Handle - 260 x 73mm (10 1/4" x 2 7/8") Latch - 247mm (9 3/4")

Cupboard latch - 127mm (5")

Cranked handle - 190mm (71/2") Latch - 139mm (5 1/2") Available in left and right hand versions

Handle - 152mm (6") Latch - 114mm (41/2")

Cupboard latch - 114mm (4.5")

Bow handles each side of door Handle - 241mm (9 1/2") Latch - 203mm (8")

### 4320

Plate – 247 x 59mm (9 3/4" x 2 1/4") Latch – 228mm (9") Inside of handle – 108mm (4 1/4")

Plate – 216 x 44mm (8 1/2" x 1 3/4") Latch - 241mm (9 1/2") Inside of handle – 89mm (3 1/2")













Plate - 191 x 35mm (7 1/2" x 1 3/8") Latch - 203mm (8") Inside of handle – 89mm (3 1/2")

Cranked or straight. Cranked has locking wedge. Available in left and right hand versions. Handle – 191mm (7 1/2") Latch - 127mm (5")

Plate - 197 x 46mm (7 3/4" x 1 3/4") Inside of handle – 89mm (31/2")

See glossary (p106) to understand the difference between straight and cranked

### DOOR AND GATE FURNITURE **GATE LATCHES**

























AB P







1251

AB P









866

4088 SB P 867

Plate - 127 x 76mm (5" x 3") Handle diameter – 89mm (3 1/2")

Handle - 76mm (3") Rose - 63mm (2 1/2")

**3981** Ring – 76mm (3") Plate - 76mm (3")

Handle - 101mm (4") Rose diameter – 101mm (4")

Plate - 108mm (4 1/4") Ring - 76mm (3")

Latch - 203mm (8") or 254mm (10")

1248

Handle - 76mm (3") Rose – 50mm (2")

Ring - 76mm (3") Plate - 76mm (3")

Latch - 127mm (5") or 177mm (7")

Latch – 152mm (6")\*, 177mm (7")\*, 203mm (8"), 254mm (10") \*Supplied with 1146 catch & staple

Latch - 152mm (6") or 197mm (7 3/4")

869

Latch - 203mm (8")

Latch - 127mm (5"), 152mm (6"), 177mm (7")

4438

Latch – 152mm (6")

Latch - 177mm (7") or 203mm (8")

4088

Latch - 152mm (6")

1146

Latch - 127mm (5")

Latch – 127mm (5"), 152mm (6"), 177mm (7")

867

Latch - 152mm (6")

28 KIRKPATRICK.CO.UK

## Lever door handle 2449 and letter plate 1073 both in Antique Black 30 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE LETTER PLATES













1324





1911



















AB P	
A B	

304 x 82mm (12" x 3") 362 x 88mm (14 1/4" x 3 1/2")	144 x 38mm (6" x 11/2") 203 x 44mm (8" x 13/4")	222mm (8 1/2") 277mm (10 3/4")	Size 1	Outside 304 x 101mm (12" x 4") 362 x 104mm (14 1/4" x 4 1/8")	Opening 139 x 38mm (5 1/2" x 1 1/2") 203 x 44mm (8" x 1 3/4")	Fixing bolt centres 222mm (8 3/4") 279mm (11")
(161/2" x 3")	(10 1/4" x 1 5/16")	(13 1/2")	962	Outside 228 x 101mm	<i>Opening</i> 163 x 41mm	Fixing bolt centres 203mm
Outside	Opening	Fixing bolt centres		(9" x 4")	(6 3/4" x 1 5/8")	(8")
220 A / OHHI	100 % 11111111	1/1111111		0 . 17		T1 1 1 1
(9" x 3") 267 x 101mm (10 1/2" x 4")	(6 1/8" x 1 5/8") 203 x 45mm (8" x 1 3/4")	(7 1/2") 235mm (9 1/4")	1083 Size 1 Size 2	Outside 266 x 76mm (8" x 3") 266 x 108mm	Opening 139 x 35mm (5 1/2" x 1 1/3") 203 x 44mm	Fixing bolt centres 171mm (6 3/4") 241mm
	304 x 82mm (12" x 3") 362 x 88mm (14 1/4" x 3 1/2") 419 x 76mm (16 1/2" x 3")	(12" x 3") (6" x 1 1/2") 362 x 88mm 203 x 44mm (14 1/4" x 3 1/2") (8" x 1 3/4") 419 x 76mm 260 x 33mm (16 1/2" x 3") (10 1/4" x 1 5/16") Outside Opening	304 x 82mm	304 x 82mm       144 x 38mm       222mm       Size 1         (12" x 3")       (6" x 11/2")       (8 1/2")         362 x 88mm       203 x 44mm       277mm       Size 2         (14 1/4" x 3 1/2")       (8" x 1 3/4")       (10 3/4")         419 x 76mm       260 x 33mm       345mm         (16 1/2" x 3")       (10 1/4" x 1 5/16")       (13 1/2")         Outside       Opening       Fixing bolt centres         228 x 76mm       155 x 41mm       191mm	304 x 82mm     144 x 38mm     222mm     Size 1     304 x 101mm       (12" x 3")     (6" x 1 1/2")     (8 1/2")     (12" x 4")       362 x 88mm     203 x 44mm     277mm     Size 2     362 x 104mm       (14 1/4" x 3 1/2")     (8" x 1 3/4")     (10 3/4")     (14 1/4" x 4 1/8")       419 x 76mm     260 x 33mm     345mm     (10 1/4" x 1 5/16")     962     Outside       Outside     Opening     Fixing bolt centres     228 x 101mm       228 x 76mm     155 x 41mm     191mm	304 x 82mm     144 x 38mm     222mm     Size 1     304 x 101mm     139 x 38mm       (12" x 3")     (6" x 11/2")     (8 1/2")     (12" x 4")     (5 1/2" x 11/2")       362 x 88mm     203 x 44mm     277mm     Size 2     362 x 104mm     203 x 44mm       (14 1/4" x 3 1/2")     (8" x 1 3/4")     (10 3/4")     (14 1/4" x 4 1/8")     (8" x 1 3/4")       419 x 76mm     260 x 33mm     345mm     (10 1/4" x 15/16")     (13 1/2")     962     Outside     Opening       Outside     Opening     Fixing bolt centres     228 x 101mm     163 x 41mm       228 x 76mm     155 x 41mm     191mm

### DOOR AND GATE FURNITURE LETTER PLATES



1963	Outside 295 x 108mm (11 5/8" x 4 1/4")	Opening 203 x 44mm (8" x 1 3/4")	Fixing bolt centres 254mm (10")	967	Outside 317 x 76mm (13" x 3")	Opening 139 x 38mm (5 1/2" x 1 1/2")	
1100	Internal flap – 292 x 76mm (11 1/2" x 3")			1233	Outside 311 x 57mm (12 1/4" x 2 1/4")	Opening 133 x 28mm (5 1/4" x 1 1/8")	
1102							
1103					(121/1 X21/1)	(01/1 111/0 )	

### DOOR AND GATE FURNITURE **BOLTS AND LOCKS**



### 1155

Straight or cranked Plate – 152 x 45mm (6" x 1 3/4") or 203 x 54mm (8" x 2 1/8")

Straight only Plate – 254 x 54mm (10" x 2 1/8") or 304 x 54mm (12" x 2 1/8")

### 1131

Straight or cranked Plate - 101 x 25mm (4" x 1")

### 902

Straight only Plate – 127 x 50mm (5" x 2")

Bolt - 152mm (6")

### 1156

Straight or cranked Plate – 152 x 45mm (6" x 1 3/4") or 203 x 45mm (8" x 1 3/4")

Straight only Plate - 152 x 63mm (6" x 2 1/2") Bolt - 152mm (6") Plate – 222 x 89mm (8 3/4" x 3 1/2") Bolt – 228mm (9")

### 830

Straight or cranked Bolt – 101mm (4") or 152mm (6")

### 1157

Straight or cranked Plate – 114 x 38mm (4 1/2" x 1 1/2") Bolt – 127mm (5")

Plate – 190 x 57mm (7 1/2" x 2 1/4")

Bolt - 203mm (8")

Straight only Plate – 241 x 57mm (9 1/2" x 2 1/4")

Bolt – 254mm (10") Plate – 292 x 57mm (11 1/2" x 2 1/4")

Bolt - 304mm (12")

### 1196

63 x 35mm (2 1/2" x 1 3/8")

### 1149

Plate - 304 x 50mm (12" x 2") Bolt - 555mm (22")

### DOOR AND GATE FURNITURE **BOLTS AND LOCKS**



Straight or cranked Plate – 193 x 50mm (7 5/8" x 2") Bolt - 203mm (8")

Straight only Plate – 228 x 54mm (9" x 2 1/8") Bolt - 254mm (10")

Plate – 279 x 57mm (11" x 2 1/4")

Bolt - 304mm (12")

1546 Straight only Plate - 101mm (4")

5170 Straight only

Bolt – 152 x 45mm (6" x 1 3/4")

See glossary (p106) to understand the difference between straight and cranked

Straight only Plate – 190 x 57mm (7 1/2" x 2 1/4")

Bolt - 203mm (8")

Straight only Plate – 241 x 57mm (9 1/2" x 2 1/4")

Bolt – 254mm (10") Plate – 292 x 57mm (11 1/2" x 2 1/4")

Bolt - 304mm (12")

1547

Cranked only Plate – 101mm (4")

4321

Straight or cranked 152 x 45mm (6" x 1 3/4") 1154

Straight only Plate 101 x 38mm (4" x 1 1/2") or 152 x 38mm (6" x 1 1/2")

Straight only. Plate width for all - 50mm (2") 305 x 16mm (12" x 5/8"), 381 x 16mm (15" x 5/8"), 457 x 16mm (18" x 5/8"), 533 x 16mm (21" x 5/8"), 610 x 16mm (24" x 5/8"), 762 x 19mm (30" x 3/4"), 915 x 19mm (36" x 3/4"), 1,220 x 19mm (48" x 3/4")

Straight only Plate width for all – 57mm (2 1/4") 203mm (8"), 254mm (10"), 305mm (12") 381mm (15"), 457mm (18"), 533mm (21") 610mm (24"), 686mm (27"), 762mm (30") 915mm (36")



### Door chain 2968 in Antique Black and Night latch 5144 in Smooth Black 36 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE BOLTS AND LOCKS



Flush bolt – 152 x 25mm (6" x 1") or 203 x 25mm (8" x 1")

### 2968

152mm (6")

Rim lock – 152 x 102mm (6" x 4")

### 2967

123 x 76mm (4 3/4" x 3")

Privacy bolt with vacant/engaged sign Latch – 64 x 25mm (2 1/2" x 1") Catch – 64 x 20mm (2 1/2" x 3/4") Disc – 70 x 70mm (2 3/4" x 2 3/4")

Lock, latch or deadlock. Supplied with 1550 knob, oval escutcheon and Wilkes spindle. Lock body – 125 x 103 x 19mm (4 3/4" x 4" x 3/4")

### 5135

Espagnolette bolt – 2.4m (8ft) Also available in 3.05m (10ft) on request Secures the door both top and bottom.

Drop bolt – 457 x 101mm (18" x 4") Diameter of handle 15mm (5/8") Guides 86 x 45mm (3 3/8" x 1 3/4") & 66 x 45mm (2 1/2" x 1 3/4")

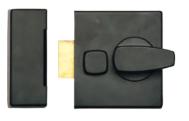
### 5147

Door rack bolt

### DOOR AND GATE FURNITURE BOLTS AND LOCKS











7000/7001

00

7004





**(€**1121

 $\bigotimes$ 





**(€**1121

**\*** 

**(€**1121





















7006/7007



















5144

Standard night latch - 60mm (23/8")

5132

Star spindle knob (Chubb) – 33mm (1 3/10")

7006/7007

(7006) Tubular latch – 64mm (2 1/2") (7007) Tubular latch – 76mm (3")

5143

Narrow night latch - 40mm (11/2")

5133

Bathroom turn and release - 33mm (13/10") Suitable dead bolt available (5140)

Rim cylinder and keys - 33mm (11/4")

7005

Deadlock rebate kit

7000/7001

(7000) Deadlock with escutcheons – 64mm (21/2") (7001) Deadlock with escutcheons - 76mm (3")

7004

Sash rebate kit

7011/7012

(7011) Bathroom lock – 64mm (21/2") (7012) Bathroom lock - 76mm (3")

7002/7003

(7002) Sashlock – 64mm (21/2") (7003) Sashlock – 76mm (3")

7008/7009

(7008) Euro sashlock – 64mm (21/2") (7009) Euro sashlock – 76mm (3")

7013/7014

(7013) Euro deadlock – 64mm (2 1/2") (7014) Euro deadlock – 76mm (3")

38 KIRKPATRICK.CO.UK BLACK IRON RANGE | BOLTS AND LOCKS 39

### Pull handle 3603 in Argent 40 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE PULL HANDLES



2157

304 x 63mm (12" x 2 1/2") Inside grip – 152mm (6")

Straight handle 381 x 50mm (15" x 2")

**2155** 343 x 73mm (13 1/2" x 2 7/8") Inside grip – 152mm (6")

152 x 44mm (6" x 1 3/4") 266 x 57mm (10 1/2" x 2 1/4")

**2173** 444 x 76mm (17 1/2" x 3") Inside grip – 190mm (7 1/2")

266 x 44mm (10 1/2" x 1 3/4")

386 x 50mm (15 1/4" x 2")

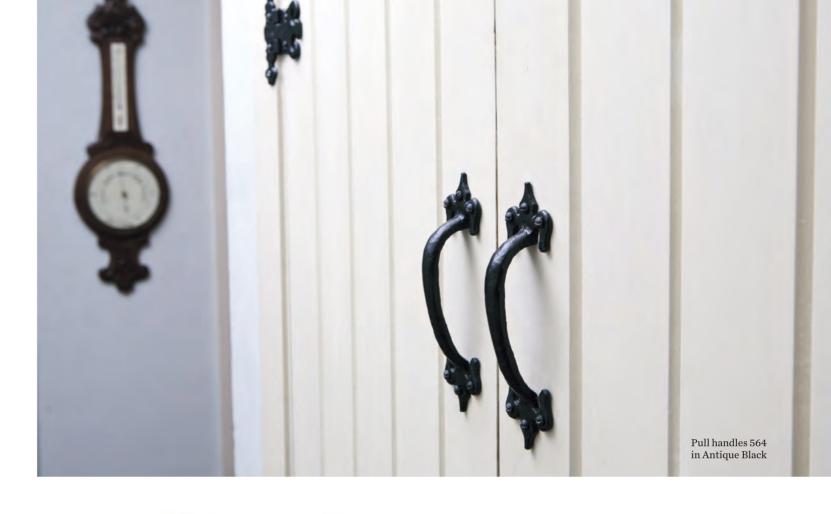
191 x 64mm (7 1/2" x 2 1/2")

### DOOR AND GATE FURNITURE PULL HANDLES





**1578** 215 x 63mm (8 1/2" x 2 1/2") 937 127mm (5") 3652 254mm (10") 1579 152mm (6") 3651 203mm (8") or 254mm (10") 1125 146mm (5 3/4") 2788 Inside grip – 76mm (3") or 101mm (4")





**2105** 114mm (4 1/2") 1883 Inside grip – 76mm (3"), 89mm (3 1/2"), 101mm (4"), 127mm (5"), 152mm (6") **4013** 152mm (6"), 190mm (7 1/2"), 254mm (10")

# 44 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE DOOR KNOBS



### 808

Mortice or rim Knob - 50mm (2") Plate – 63mm (21/2")

1205

Mortice or rim Knob – 50mm (2") Plate - 85mm (3 3/8")

1550

Mortice or rim Knob – 63 x 39mm (21/2"x11/2")

Plate - 57mm (2 1/4")

### 1069

Mortice or rim Knob – 44mm (1 3/4") Plate – 67 x 50mm (2 5/8" x 2")

1206

Mortice or rim Knob – 50mm (2") Plate - 60mm (2 3/8")

1551

Mortice or rim Knob – 63 x 38mm (2 1/2" x 1 1/2")

Plate - 67 x 50mm (2 5/8" x 2")

1089

Mortice or rim

Knob - 60 x 38mm (2 3/8" x 1 1/2") Plate - 67 x 50mm (2 5/8" x 2")

1207

Mortice or rim Knob – 50mm (2") Plate - 85mm (3 3/8")

3067

Mortice or rim Knob – 44mm (1 3/4")

Plate - 60mm (21/4")

See glossary (p106) to understand the difference between mortice and rim

### DOOR AND GATE FURNITURE DOOR KNOBS





### 3056

Mortice or rim Knob – 57mm (2 1/4") Plate – 63mm (2 1/2") Knob – 70mm (2 3/4") Plate – 76mm (3")

### 4085

Mortice or rim Knob – 41mm (1 5/8") Plate – 64mm (2 1/2")

### 3370

Centre door knob Knob – 73mm (2 7/8") Plate – 76mm (3")

46 KIRKPATRICK.CO.UK

### 3064

Centre door knob Knob – 70mm (2 3/4") Plate – 76mm (3")

### 4064

Mortice or rim Knob – 64 x 38mm (2 1/2" x 1 1/2") Round plate – 64mm (2 1/2")

### 3072

Centre door knob Knob – 82mm (3 1/4") Plate – 171 x 120mm (6 3/4" x 4 3/4")

### 1203

Mortice or rim Knob – 50mm (2") Plate – 67 x 50mm (2 5/8" x 2")

### 3372

Centre door knob Knob – 82mm (3 1/4") Plate – 171 x 120mm (6 3/4" x 4 3/4")

### 3066

Centre door knob Knob – 82mm (3 1/4") Plate diameter – 101mm (4")

### 1554

Mortice or rim (Mortice shown) Knob – 44mm (1 3/4") Plate – 66 x 50mm (2 5/8" x 2")

### 1553

Mortice or rim (Mortice shown) Knob - 60 x 38mm (2 3/8" x 1 1/2") Plate - 66 x 50mm (2 5/8" x 2")

### C38

Mortice or rim (Mortice shown) Ball – 44mm (1 3/4") C387

3075

SB P

### 3075

Mortice or rim (Rim shown)
Square design with smooth finish
Knob - 64 x 38mm (2 1/2" x 1 1/2")
Plate - 64 x 64mm (2 1/2" x 2 1/2")
Escutcheon - 38mm (1 1/2")

### DOOR AND GATE FURNITURE DOOR KNOCKERS



**578** 197 x 114mm (7 3/4" x 4 1/2")

140 x 101mm (5 1/2" x 4")

Hand – 165 x 70mm (6 1/2" x 2 3/4") **586** 

Lion head – 123 x 76mm (4 3/4" x 3") Ring – 101mm (4")

Fox – 127 x 127mm (5" x 5")

Ring – 101mm (4") Plate – 50mm (2")

**4896** Lion head- 114 x 95mm (4 1/2" x 3 3/4") Ring - 101mm (4")

1117

Plate – 101 x 50mm (4" x 2")

Ring – 127mm (5") Plate – 69mm (2 3/4")



### DOOR AND GATE FURNITURE DOOR KNOCKERS





Plate - 228 x 120mm (9" x 4 3/4")

### 1005

203 x 70mm (8" x 2 3/4")

### 2623

Owl bedroom door knocker 101 x 38mm (4" x 1 1/2")

German 16th century 'Dolphin' pattern 203 x 50mm (8" x 2")

**944** Plate – 190 x 83mm (7 1/2" x 3 1/4")

Laughing cat bedroom door knocker 108 x 31mm (4 1/4" x 1 1/4")

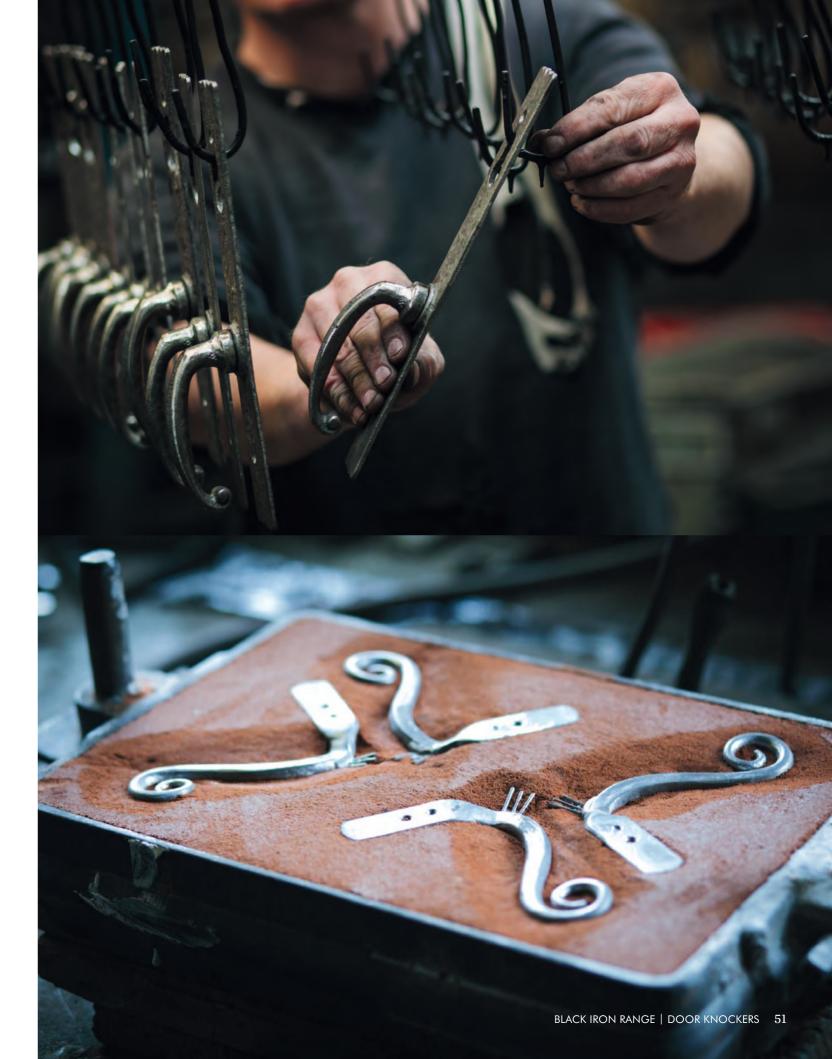
Bedroom door knocker 127 x 50mm (5" x 2")

242 x 57mm (9 1/2" x 2 1/4")

### 2621

Bat bedroom door knocker 76 x 89mm (3" x 3 1/2")

Lion bedroom door knocker 133 x 79mm (5 1/4" x 3 1/8")



## House numerals 1979, cylinder latch cover 1486 and mortice door knob fixed as a centre door knob 1550, all in Antique Black 52 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE DOOR ACCESSORIES



Bell pull – 521mm (20 1/2") Suitable for use with bell crank

Bell crank – 152 x 89mm (6" x 3 1/2") Available fitted for use with electric bell or not fitted for traditional bell

Cylinder latch pull 85 x 50mm (3 1/2" x 2")

1253 Bell pull – 508mm (20") Suitable for use with bell crank

Bell crank – 139 x 50mm (5 1/2" x 2") Available fitted for use with electric bell or not fitted for traditional bell

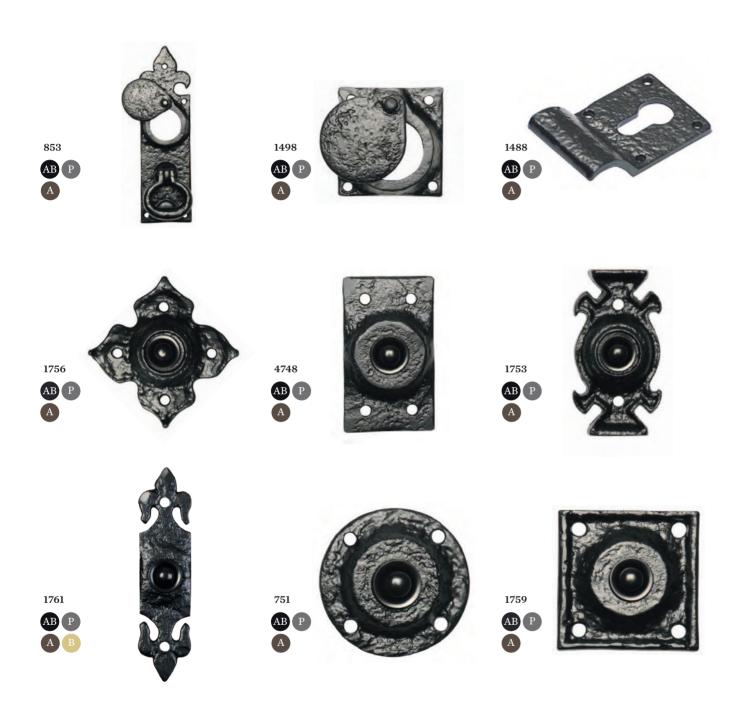
Cylinder latch cover/pull 127 x 58mm (5" x 2 1/2")

Bell pull – 521mm (20 1/2") Suitable for use with bell crank

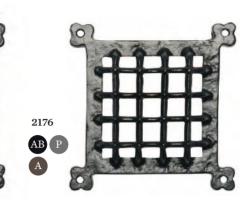
Cylinder latch cover 65 x 58mm (2 1/2" x 2 1/4")

Cylinder latch cover/pull 127 x 58mm (5" x 2 1/2")

### DOOR AND GATE FURNITURE DOOR ACCESSORIES





















853

Cylinder latch knocker 197 x 57mm (7 3/4" x 2 1/4")

### 1756

Bell push – 85 x 85mm (3 1/4" x 3 1/4") Supplied with electrical contacts

### 1761

Bell push – 121 x 32mm (4 3/4" x 1 1/4") Supplied with electrical contacts

### 1498

Cylinder latch cover 58 x 58mm (2 5/16" x 2 5/16")

### 4748

Bell push – 77 x 44mm (3" x 1 3/4") Supplied with electrical contacts

### 751

Bell push – 57 x 57mm (2 1/4" x 2 1/4") Supplied with electrical contacts

### 1488

Euro cylinder latch pull Backplate – 85 x 50mm (3 3/8" x 2") Projection – 20mm (3/4") To be used with a Euro profile cylinder

### 1753

Bell push –  $89 \times 44 \text{mm} (3 \frac{1}{2} \times 1 \frac{3}{4})$ Supplied with electrical contacts

### 1759

Bell push –  $60 \times 60 \text{mm} (23/8" \times 23/8")$ Supplied with electrical contacts 2175

Square door grille – 171 x 171mm (6 3/4")

### 1081

Door stud. Drive or screw Head – 16mm (5/8"), 19mm (3/4"), 22mm (7/8"), 25mm (1")

### 1490

Escutcheon – 44 x 30mm (1 3/4" x 1 1/8")

### 2176

Square door grille 165 x 165mm (6 1/2") or 304 x 304mm (12")

### 153

Door stud. Screw Head – 22mm (7/8")

### 1503

Escutcheon – 48 x 35mm (17/8" x 13/8")

### 1190

Escutcheon – 48 x 25mm (1 7/8" x 1")

### 1502

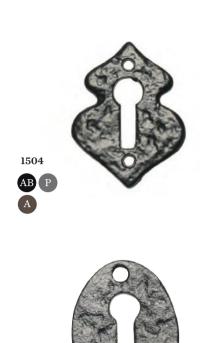
Escutcheon – 45 x 30mm (1 3/4" x 1 1/8")

### 1065

Escutcheon – 54 x 25mm (2 1/8 x 1")

54 KIRKPATRICK.CO.UK

### DOOR AND GATE FURNITURE DOOR ACCESSORIES







1493













Escutcheon - 50 x 38mm (2" x 1 1/2")

Escutcheon - 44 x 32mm (1 3/4" x 1 1/4")

### 3045

Escutcheon - 50mm (2")

### 3012

Steel escutcheon – 48mm (17/8")

### 1401

Escutcheon with Euro profile 50 x 50mm (2" x 2")

Door stop - 89mm (3 1/2")

### 1493

Escutcheon - 73 x 25mm (2 7/8" x 1")

Escutcheon with Euro profile 70 x 50mm (2 3/4" x 2")

### Cylinder 6000

Black double cylinder or thumb turn and single cylinder. Keyed alike, keyed to differ or master keyed. Odd sizes available in multiples of 5mm. Please ask for details.





777







1976







1977

House numerals and letters - 50mm (2")

### 1976

House numerals and letters - 45mm (1 3/4")

### 1979

House numerals and letters 50mm (2"), 76mm (3") 101mm (4"), 152mm (6")

Old English style name plates. Gold on black. This is an approximate guide as capitals are larger than lower case letters and

spaces must be allowed for between words. Our pattern shop will make your individual plate on the most appropriate size for the best results. For longer names it may be better to use two plates alongside each other or one above the other.

Also available in gold on black. Supplied with chain (not shown) 368 x 73mm (14 1/2" x 2 7/8")

56 KIRKPATRICK.CO.UK BLACK IRON RANGE | DOOR ACCESSORIES 57

# 58 KIRKPATRICK.CO.U

### DOOR AND GATE FURNITURE DOOR ACCESSORIES





4146



Door finger plate 304 x 57mm (12" x 2 1/4")

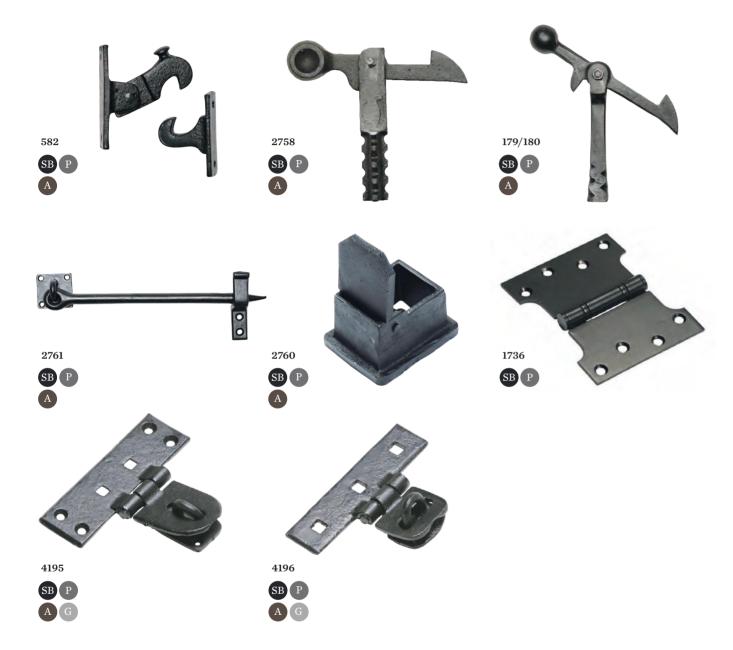
4146
Door kicking plate
Plain pattern manufactured
from steel not iron Various sizes available

Door finger plate 339 x 73mm (13 3/8" x 2 7/8")

Door finger plate 304 x 63mm (12" x 2 1/2")

**768**Door finger plate
222 x 73mm (8 3/4" x 2 7/8")

### GATE STOPS, CATCHES, LOCKING BARS/ HASP AND STAPLES





Automatic door catch 76mm (3")

### 2761 Gate catch

317mm (12 1/2")

### 4195

Hasp and staple 152 x 127 x 57mm (6" x 5" x 2 1/4") Also available in a galvanised finish

### 2758

Gate stop Length – 210mm (8 1/4") Height - 178mm (7")

### 2760

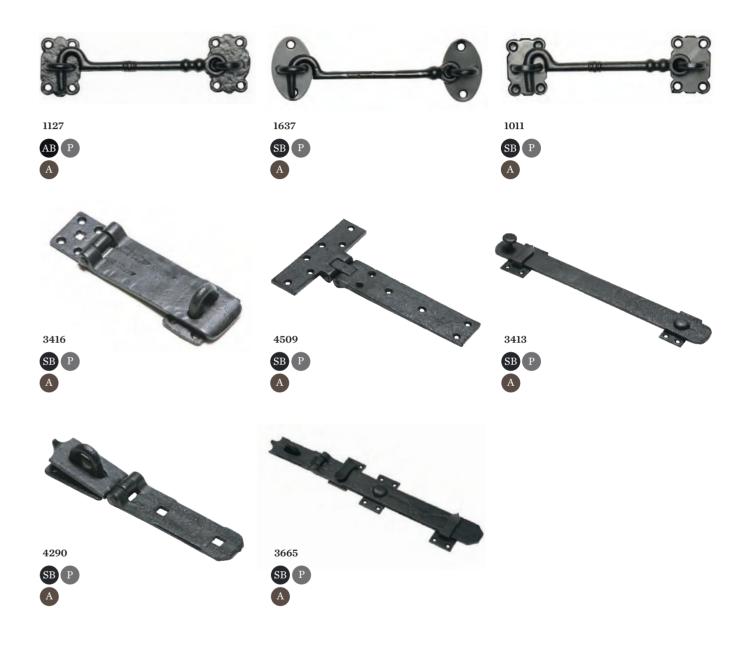
Gate stop Length - 121mm (4 3/4") Width - 95mm (3 3/4") Height – 76mm (3") Opening - 64 x 50mm (2 1/2" x 2")

### 4196

Hasp and staple 127 x 83 x 29mm (5" x 3 1/4" x 1 1/8") Also available in a galvanised finish

Gate stop with cement fixing (as shown – 179) Gate stop with floor plate fixing (180) Length - 330mm (13") Height - 254mm (10")

Stainless steel parliament hinge 102 x 102mm (4" x 4") 127 x 102mm (5" x 4") 152 x 102mm (6" x 4")



### 1127

101mm (4"), 127mm (5"), 152mm (6")

Safety hasp & staple Closed – 101 x 50mm (4 x 2") or 152 x 50mm (6 x 2")

### 4290

152 x 38mm (6" x 1 1/2") 203 x 38mm (8" x 1 1/2") 254 x 41mm (10" x 1 5/8") 305 x 44mm (12" x 1 3/4") 356 x 48mm (14" x 17/8") 406 x 51mm (16" x 2") 457 x 60mm (18" x 2 3/8") 508 x 60mm (20" x 2 3/8")

76mm (3"), 101mm (4"), 152mm (6"), 203mm (8"), 254mm (10"), 305mm (12"), 356mm (14"), 406mm (16"), 457mm (18")

### 4509

Trap door hinge 330 x 203mm (13" x 8") or 381 x 203mm (15 3/4" x 8")

610 x 64mm (24" x 2 1/2") 762 x 64mm (30" x 2 1/2") 915 x 64mm (36" x 2 1/2")

76mm (3"), 101mm (4"), 152mm (6"), 203mm (8"), 254mm (10"), 305mm (12"), 356mm (14"), 406mm (16"), 457mm (18")

### 3413

152 x 38mm (6" x 1 1/2") 203 x 38mm (8" x 1 1/2") 54 x 38mm (10" x 1 1/2") 305 x 38mm (12" x 11/2") 381 x 38mm (15" x 1 1/2") 457 x 38mm (18" x 1 1/2")

60 KIRKPATRICK.CO.UK BLACK IRON RANGE | GATE FITTINGS 61

### Casement fastener 1185 and casement stay 1183 in Antique Black 62 KIRKPATRICK.CO.UK

### **CASEMENT FASTENERS**



### 1028

Hook & mortice - 95 x 67mm (3 3/4" x 2 3/4")

### 1121

Hook & mortice. Reversible Matches 857 casement stay Backplate – 60 x 21mm (2 3/8" x 7/8")

Hook & mortice. Reversible

Backplate – 60 x 21mm (2 3/8" x 7/8")

See glossary (p106) to understand the difference between hook and mortice plates

### 1027

Hook & mortice – 152 x 114mm (6" x 4")

### 1121W

Wedge fastener Available as left or right handed Matches 857 casement stay 57 x 17mm (2 1/4" x 5/8")

### 838

Hook & mortice Available as left or right handed Backplate – 65 x 21mm (2 1/2" x 7/8")

Hook & mortice. Reversible Matches 1184 casement stay Backplate – 60 x 21mm (2 3/8" x 7/8")

1166 Lockable Available as left or right handed Matches 857 casement stay 57 x 17mm (2 1/4" x 5/8")

Hook & mortice. Reversible Matches 1078 casement stay Backplate – 65 x 21mm (21/2" x 7/8")

### **CASEMENT FASTENERS**





Hook & mortice. Reversible Backplate – 60 x 21mm (2 3/8" x 7/8")

Lockable. Left or right handed Matches 1180 casement stay 57 x 18mm (2 1/4" x 3/4")

Hook & mortice. Reversible Matches 1180 casement stay Backplate - 60 x 21mm (2 3/8" x 7/8")

Lockable espagnolette fixing. Narrow backplate suitable for UPvC windows Matches 1180 casement stay Left or right handed Backplate – 15 x 68mm (5/8" x 2 5/8")

Three point lockable. Left or right handed Matches 1180 casement stay Backplate – 58 x 25mm (2 1/4" x 1")

Hook & mortice. Left or right handed Matches 1600 casement stay Backplate – 20 x 58mm (3/4" x 2 1/4")

Hook & mortice. Reversible Backplate – 60 x 21mm (2 3/8" x 7/8")

Lockable. Left or right handed Matches 1180 casement stay Backplate – 70 x 21mm (2 3/4" x 7/8")

1181NVL
Lockable night vent fastener.
Left or right handed
Matches 1180 casement stay
Backplate – 81 x 18mm (3 1/4" x 3/4") Non-locking version also available



### CASEMENT FASTENERS



### 3365

Hook & mortice. Reversible Backplate - 57 x 20mm (2 1/4" x 3/4")

### 140/141

Hook (141) & mortice (140) Matches 171 casement stay
Backplate – 85 x 25mm (3 3/8" x 1")

Raised tongue fastener suitable for fitting to windows with draught excluder Matches 1180 casement stay 60 x 22mm (2 3/8" x 7/8")

Backplate – 55 x 15mm (2 1/8" x 5/8")

### 144/145

Hook (145) & mortice (144) Matches 171 casement stay Backplate – 55 x 25mm (2 1/8" x 1")

Lockable espagnolette fixing. Narrow backplate suitable for UPvC windows Matches 1180 casement stay Left or right handed Backplate - 70 x 15mm (2 3/4" x 5/8") Handle – 130mm (5")

### 2723

Locking catch Backplate - 55 x 28mm (2 1/8" x 1 1/8") Locking snib plate - 55 x 20mm (2 1/8" x 3/4")

### 146/147

Hook (147) & mortice (146). Lockable Left or right handed available Matches 171 casement stay Backplate – 68 x 19mm (2 5/8" x 3/4")

**1460** Sash window fastener Plate – 70 x 20mm (2 3/4" x 7/8") Catchplate - 68 x 15mm (2 3/4" x 5/8")

1557 Window fastener 73 x 26mm (2 7/8" x 1")

1132 Window fastener 60 x 15mm (2 3/8" x 5/8")



# WINDOW FURNITURE CASEMENT STAYS





857 Matches 1121 fastener 191mm (7"), 228mm (9"), 279mm (11"), 330mm (13") 1180 Matches 1181 fastener 203mm (8"), 254mm (10"), 304mm (12")

858 279mm (11") or 330mm (13") 171 152mm (6"), 203mm (8"), 254mm (10"), 305mm (12")





1312 203mm (8"), 254mm (10"), 305mm (12")

Matches 1182 fastener 203mm (8"), 254mm (10"), 304mm (12") **504** 254mm (10") 1600 Matches 1601 fastener 304mm (12")

68 KIRKPATRICK.CO.UK

BLACK IRON RANGE | CASEMENT STAYS 69

### **CASEMENT STAYS**





1752 Skylight stay 254mm (10"), 305mm (12") 381mm (15"), 457mm (18") 533mm (21"), 610mm (24") 686mm (27"), 762mm (30") 915mm (36"), 1066mm (42") 1220mm (48")

### 4120

Roller arm for fanlight 152mm (6") or 203mm (8")

279mm (11") or 330mm (13")

Shutter flap. Reversible Spike – 178mm (7")

152mm (6"), 203mm (8"), 254mm (10"), 305mm (12") 381mm (15")

178mm (7") or 216mm (8")

1126

Screw down 254mm (10"), 304mm (12"), 381mm (15")



Fanlight catch. Flush or recessed 127mm (5") or 178mm (7")

Rule jointed stay Open – 254mm (10") or 305mm (12")

**607/607A** Spring fanlight catch with gun metal shoots 32 x 44mm (1 1/4" x 1 3/4")

Shutter fastener – 133 x 50mm (5 1/4" x 2") Spike – 108mm (4 1/4")

### 116

Locking pivot

### 5182

Window restrictor White (5182) Dark brown (5180) Light brown (5181)

Shutter flap – 152 x 50mm (6" x 2") Spike – 108mm (4 1/4")

117 Side fixing pivot

### 5145

Rack bolt key

### 5146

Window rack bolt

# Handle 834 and hasp & staple 932 in Antique Black 72 KIRKPATRICK.CO.UK

### CABINET AND DRAWER FURNITURE **HANDLES**



Drawer handle 55 x 45mm (2 1/5" x 1 4/5")

1013

Drawer handle Diameter - 35mm (1 2/5")

1137

Turn button – 62mm (21/2")

1543

Drawer handle Diameter - 42mm (15/8") 1528

Drawer handle 80 x 35mm (3 1/7" x 1 2/5")

1192

Drawer handle 40 x 40mm (14/7" x 14/7")

Drawer pull Plate – 171 x 70mm (6 3/4" x 2 3/4") Handle – 127mm (5")

1217

Drawer handle Diameter - 35mm (1 2/5")

Drawer handle 80 x 35mm (3 1/7" x 1 2/5")

Hasp and staple 148 x 77mm (5 7/8" x 3")

# COCOCO CERROL Cupboard knob 1949 in Antique Black 74 KIRKPATRICK.CO.UK

# CABINET AND DRAWER FURNITURE KNOBS AND PULLS























1194 AB P

1195

Cupboard knob Bolt or screw – 35mm (1 3/8") Rose – 38mm (1 1/2")

Cupboard knob Screw – 25mm (1")

1549

Drawer pull - 89mm (3 1/2")

1549

Cupboard knob Diameter – 25mm (1")

Sash pull - 63mm (2 1/2")

1194 Drawer pull

Knob – 114 x 50mm (4 1/2" x 2")

Turn button – 62mm (2 1/2")

2586

Sash pull 79 x 31mm (3 1/8" x 1 1/4") Projection – 31mm (1 1/4")

Drawer pull – 108mm (4 1/4")

# HOME ACCESSORIES HOOKS AND BRACKETS





**734** Hat and coat hook 101mm (4")

1129 Coat hook Backplate – 40 x 40mm (1 1/2" x 1 1/2") Projection – 65mm (2 1/2")

### 1130

Hat and coat hook 152mm (6")

Hat and coat hook 127mm (5")

**4463**Fleur-de-lys hook
Backplate – 54 x 54mm (2" x 2")
Projection – 70mm (2 3/4")

### 745

Hat and coat hook 152mm (5 1/4")

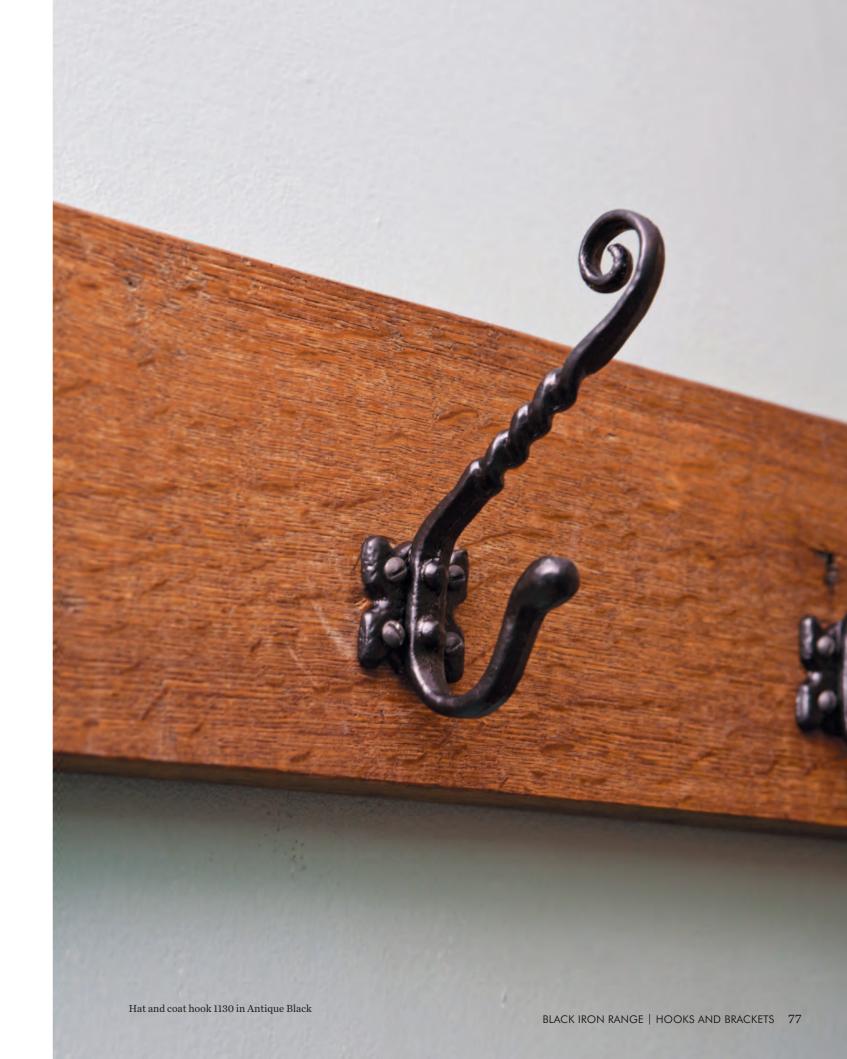
### 4269

Hat and coat hook 140 x 76mm (5 1/2 x 3")

### 212

Hat and coat hook 152mm (6")

Hat and coat hook 152mm (6")



# HOME ACCESSORIES HOOKS AND BRACKETS























Hat and coat hook 146 x 76mm (5 3/4" x 3")

### 836

Coat hook Backplate – 50 x 50mm (2" x 2") Projection – 70mm (2 3/4")

### 3491

Handrail bracket 50mm (2"), 64mm (21/2"), 76mm (3")

Coat hook – 50 x 24mm (2" x 1") Projection – 50mm (2")

Coat hook - 80 x 50mm (3 1/8" x 2") Projection - 35mm (1 3/8")

Handrail bracket 50mm (2"), 64mm (2 1/2"), 76mm (3")

Coat hook - 50 x 24mm (2" x 1") Projection - 50mm (2")

Picture hook – 45mm (1 3/4") Projection – 20mm (3/4")

Extra strong handrail bracket 64mm (2 1/2") or 83mm (3 1/4")





3497 Handrail bracket Projection - 50mm (2")

Clothes rack/airer Length - 1,524 mm (60") Brackets - 349mm (13 3/4")

Shelf unit 609mm (24"), 914mm (36"), 1219mm (48"), 1524mm (60")

78 KIRKPATRICK.CO.UK BLACK IRON RANGE | HOOKS AND BRACKETS 79

# HOME ACCESSORIES LIGHTING











### 401

Hanging wall lantern with hexagonal cage 552 x 15mm (21 3/4" x 5/8") Plate – 254 x 50mm (10" x 2") Canopy – 190mm (7 1/2")

### **403**

Hanging wall lantern Supplied with wall bracket and ceiling rose or corner bracket Plate – 260 x 44mm (10 1/4" x 1 3/4") Frame – 203 x 114mm (8" x 4 1/2")

### 400

Hanging wall lantern with square cage 177 x 177mm (7" x 7"), Plate – 254 x 50mm (10" x 2") Canopy – 228 x 228mm (9" x 9")

### 407

Hanging wall lantern with hexagonal cage Plate – 339 x 73mm (13" x 2 7/8") Projection – 200mm (8") Cage – 175 x 150mm (7" x 6")

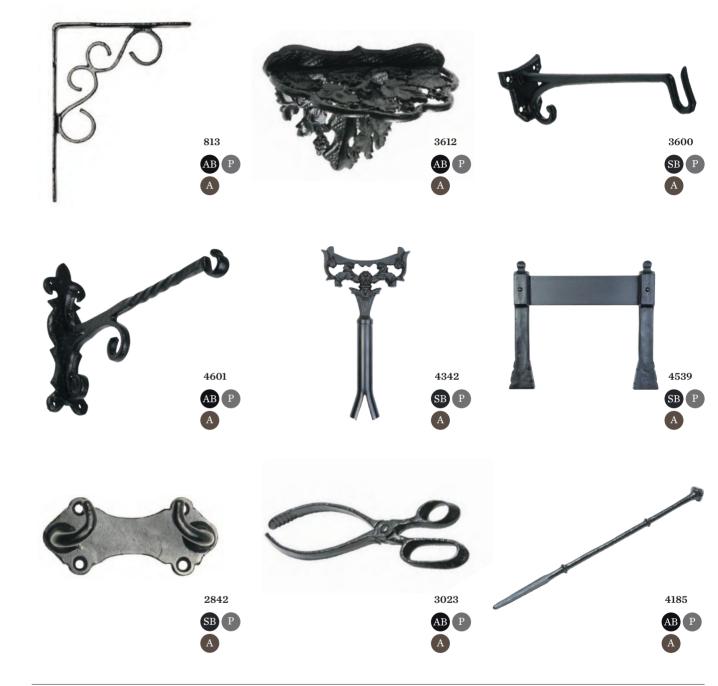
### 406

Wall light
Bracket only supplied, not wired
Candle drips, bulbs or shades not included
Twin – 263 x 276mm (10 3/8" x 10 7/8")
Single – 263 x 148mm (10 7/8" x 5 3/4")

### 405

Hanging wall lantern
Supplied with wall bracket & ceiling rose
or corner bracket
Frame – 203 x 114mm (8" x 4 1/2")
Height – 304mm (12")

# PATIO AND FIRESIDE



813

Wall bracket 101 x 76mm (4" x 3") 152 x 127mm (6" x 5") 222 x 173mm (9" x 7")

### 4601

Basket hook Projection – 228mm (9"), 304mm (12"), 381mm (15")

### 2842

Fork, broom & shovel holder Projection – 76mm (3") Plate – 114 x 51mm (4 1/2" x 2")

### 3612

Flower pot holder 260 x 190mm (10 1/4" x 7 1/2")

### 4342

Boot scraper Height – 356mm (14") Width – 196mm (7 3/4")

### **3023**Coal to:

Coal tongs 277mm (11 1/2")

### 3600

Basket hook 152mm (6"), 203mm (8"), 254mm (10"), 305mm (12")

### 4539

Boot scraper Width – 356mm (14") Depth – 330mm (13")

### 4185

Fire poker 457mm (18")

80 KIRKPATRICK.CO.UK

BLACK IRON RANGE | HOOKS AND BRACKETS 81



# Lever handle 6052/6053 in Argent 84 KIRKPATRICK.CO.UK

# BLACKSMITH FORGE RANGE DOOR FURNITURE











**6058** Ring knocker Backplate – 115mm (4 1/2") Ring – 110mm (4 3/8")

6050/6051 Lever handle Sprung (6050) – lock, latch or bathroom Unsprung (6051) – lock, latch or Euro 270 x 38mm (10 3/4" x 1 1/2")

6080 Letter plate Outside – 267 x 114mm (10 1/2" x 4 1/2") Opening – 203 x 41mm (8" x 1 5/8") Fixing bolt centres – 235mm (9 1/4")

**6052/6053** Lever handle – sprung Lock, latch or bathroom 240 x 40mm (9 3/8" x 1 5/8")

# Bolt 6059 in Argent and hinge 6057 in Smooth Black 86 KIRKPATRICK.CO.UK

# BLACKSMITH FORGE RANGE DOOR FURNITURE





Bolt – straight or cranked 102mm (4"), 152mm (6")

6057 Door hinge 152mm (6"), 229mm (9") 305mm (12"), 381mm (15") 457mm (18"), 559mm (22")

SB A

Bolt – straight or cranked 102mm (4"), 152mm (6")

**6056** Thumb latch Handle – 126 x 47mm (5" x 17/8") Latch bar – 84mm (3 1/4")

6082 Door hinge 152mm (6"), 229mm (9") 305mm (12"), 381mm (15") 457mm (18"), 559mm (22")

6081 Cylinder pull Backplate – 85 x 50mm (3 3/8" x 2") Projection – 20mm (3/4")

See glossary (p106) to understand the difference between straight and cranked

# BLACKSMITH FORGE RANGE WINDOW FURNITURE





6069

Casement stay 203mm (8"), 254mm (10"), 305mm (12")

### 6070

Casement stay 203mm (8"), 254mm (10"), 305mm (12")

6062 Lockable casement fastener Hook or mortice. Left or right handed Fixing plate – 56 x 15mm (2 1/4" x 5/8") Handle length – 100mm (4")

6063
Lockable casement fastener
Hook or mortice. Left or right handed
Fixing plate – 56 x 15mm (2 1/4" x 5/8")
Handle length – 100mm (4")



# BLACKSMITH FORGE RANGE HOOKS AND HANDLES



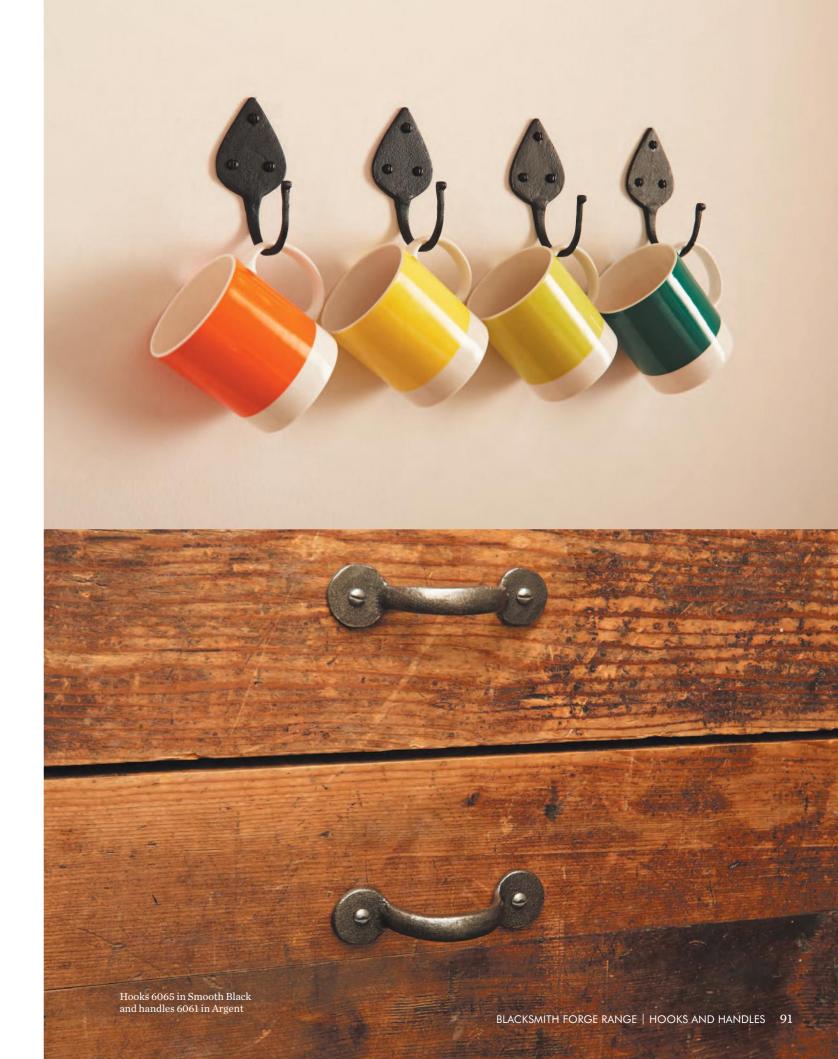


6064 Coat hook Plate - 50 x 38mm (2" x 1 1/2") Projection – 54mm (2 1/8")

6067 Hat and coat hook Plate - 80mm x 20mm (3 1/8" x 3/4") Projection – 60mm (2 3/8") 6065 Coat hook Plate – 72 x 54mm (2 3/4" x 2 1/8") Projection – 58mm (2 1/4")

**6066** Coat hook Plate – 80 x 20mm (3 1/8" x 3/4") Projection – 45mm (1 3/4") 6060 Pull handle 102mm (4"), 152mm (6"), 203mm (8")

6061 Pull handle 102mm (4"), 152mm (6"), 203mm (8")



# DOOR FURNITURE









B1083

B1102

B1073

B4896

fastener B1181 in Cast Brass

Lions head door knocker

114 x 95mm (4 1/2" x 3 3/4") Ring – 101mm (4")

B1073 Letter plate Outside – 362 x 88mm (14 1/4" x 3 1/2") Opening – 203 x 44mm (8" x 1 3/4") Fixing bolt centres – 277mm (10 3/4")

Letter plate
Internal flap – 292 x 76mm (11 1/2" x 3")

Bat bedroom door knocker 76 x 89mm (3" x 3 1/2")

Letter plate
Outside – 266 x 108mm (10 1/2" x 4 1/2")

Opening – 203 x 44mm (8" x 1 3/4") Fixing bolt centres – 241mm (9 1/4")

### **CAST BRASS** RANGE

93 Door furniture

Window furniture 100 Hooks, handles and locks

The traditional handcrafted nature of our production process means that all listed sizes are approximate.

92

# CAST BRASS RANGE DOOR FURNITURE

















B2561

B2439 Lever handle

Lock, latch or bathroom 152 x 38mm (6" x 1 1/2") Short latch only – 101 x 38mm (4" x 1 1/2")

**B2454** Lever handle Lock, latch or bathroom Plate – 164 x 47mm (6 1/2" x 1 7/8") B2439SP

B2451

Lever handle Short plate, latch only Plate 101 x 38mm (4" x 1 1/2")

B2451

Lever handle Lock, latch or bathroom 164 x 47mm (6 1/2" x 1 7/8") B2450

Lever handle Lock, latch or bathroom Plate – 190 x 55mm (7 1/2" x 2 1/4")

B2561

Lever handle Lock – 140 x 38mm (5 1/2" x 1 1/2") Latch – 114 x 38mm (4 1/2" x 1 1/2")











B3603 Pull handle 191 x 64mm (7 1/2" x 2 1/2")

**B564** Pull handle 101mm (4"), 127mm (5"), 152mm (6"), 177mm (7"), 228mm (9")

Door finger plate 304 x 63mm (12" x 2 1/2")

B769

B2156 Door finger plate 339 x 73mm (13 3/8" x 2 7/8")

94 KIRKPATRICK.CO.UK CAST BRASS RANGE | DOOR FURNITURE 95

### CAST BRASS RANGE **DOOR FURNITURE**



### **B926**

Hinge – suitable for cabinet doors 83 x 45mm (3 1/4" x 1 3/4)

### **B814**

Hinge 152 x 63mm (6" x 2 1/2") 263 x 101mm (10 1/2" x 4") 313 x 101mm (12" x 4") 388 x 101mm (15" x 4") 456 x 101mm (18" x 4")

### B1155

Straight or cranked Plate – 152 x 45mm (6" x 1 3/4") or 203 x 54mm (8" x 2 1/8")

Straight only Plate - 254 x 54mm (10" x 2 1/8") or 304 x 54mm (12" x 2 1/8")

### B3619

Thumb latch Handle - 203 x 63mm (8" x 2 1/2") Latch - 127mm (5")

### B3679

Hinge - 304 x 108mm (12" x 4.25") or 381 x 108mm (15" x 4.25")

### B1131

Straight or cranked Plate – 101 x 25mm (4" x 1")

### B3613

Thumb latch handle 228 x 63mm (7 3/4" x 2 1/2") Latch - 197mm (7 3/4")

### B798

Hinge - 304 x 139mm (12" x 5 1/2")

### B1157

Straight or cranked Plate – 114 x 38mm (4 1/2" x 1 1/2") Bolt - 127mm (5")

Plate – 190 x 57mm (7 1/2" x 2 1/4")

Bolt - 203mm (8")

### Straight only

Plate – 241 x 57mm (9 1/2" x 2 1/4")

Bolt - 254mm (10")

Plate - 292 x 57mm (11 1/2" x 2 1/4")

Bolt - 304mm (12")

See glossary (p106) to understand the difference between straight and cranked





















B1205 Door knob Mortice or rim Knob - 50mm (2") Plate - 85mm (3 3/8")

### B3056 Door knob Mortice or rim

Knob - 57mm (2 1/4") Plate - 63mm (21/2")

### B1081

B1081

Door stud. Drive or screw Head - 19mm (3/4") B1550

 $\operatorname{Door} \operatorname{knob}$ Mortice or rim Knob - 63 x 39mm (21/2"x11/2") Plate - 57mm (2 1/4")

### B3064

Centre door knob Knob - 70mm (23/4") Plate - 76mm (3")

### B153

Door stud. Screw Head - 22mm (7/8")

B1551 Door knob

B1979

Mortice or rim Knob - 63 x 38mm (2 1/2" x 1 1/2") Plate - 67 x 50mm (2 5/8" x 2")

### B1195

Cupboard knob 35mm (13/8") Rose – 38mm (11/2")

### B1979

Letters and numerals 76mm (3")

### CAST BRASS RANGE

### DOOR FURNITURE

B1402



B1401



B1065













### B1402

Escutcheon 51 x 51mm (2" x 2")

### B1485

Cylinder latch pull 85 x 50mm (3 1/2" x 2")

### B1761

Bell push 121 x 32mm (4 3/4" x 1 1/4")

### B1401 Escutcheon

51 x 51mm (2" x 2")

### B1486

Cylinder latch cover/pull 127 x 58mm (5" x 2 1/2")

### B1493

Escutcheon 73 x 25mm (2 7/8" x 1")

### B1065

Escutcheon 54 x 25mm (2 1/8" x 1")

### B1150

Privacy bolt with vacant/engaged sign Latch – 64 x 25mm (2 1/2" x 1") Catch - 64 x 20mm (2 1/2" x 3/4") Disc - 70 x 70mm (2 3/4" x 2 3/4")

### B1502

Escutcheon 45 x 30mm (1 3/4" x 1 1/8")

## WINDOW FURNITURE



### B140/B141

Casement fastener Hook (141) & mortice (140). Smooth finish Matches 171 casement stay Backplate - 85 x 25mm (3 3/8" x 1")

### B1181

Casement fastener Hook & mortice. Reversible Matches 1180 casement stay Backplate - 60 x 21mm (2 3/8" x 7/8")

Casement stay 203mm (8"), 254mm (10"), 304mm (12")

See glossary (p106) to understand the difference between hook and mortice plates

### B144/B145

Casement fastener Hook (145) & mortice (144). Smooth finish Matches 171 casement stay Backplate - 55 x 25mm (21/8" x 1")

### B1166

Casement fastener. Lockable. Available as left or right handed. Matches 857 casement stay 57 x 18mm (2 1/4" x 3/4")

Casement stay. Smooth finish 152mm (6"), 203mm (8"), 254mm (10"), 305mm (12")

### B1165

Casement fastener. Lockable. Available as left or right handed. Matches 1180 casement stay 57 x 18mm (2 1/4" x 3/4")

### B1121

Casement fastener Hook & mortice. Reversible Matches 857 casement stay Backplate - 60 x 21mm (2 3/8" x 7/8")

Casement stay. Matches 1121 fastener 191mm (7"), 228mm (9"), 279mm (11"), 330mm (13")

### CAST BRASS RANGE HOOKS, HANDLES AND LOCKS







B1129

















B1174

Coat hook – 80 x 50mm (3 1/8" x 2") Projection – 35mm (1 3/8")

B1130

Hat and coat hook 152mm (6")

B679

Ring handle Rose – 63mm (2 1/2") Handle – 76mm (3")

Coat hook – 50 x 24mm (2" x 1") Projection - 50mm (2")

**B4463** 

Fleur-de-lys hook Backplate – 54 x 54mm (2" x 2") Projection – 70mm (2 3/4")

B916

Drawer handle 67 x 36mm (2 3/5" x 1 7/16") B1129

B910

Coat hook

Backplate - 40 x 40mm (11/2" x 11/2") Projection - 65mm (21/2")

B632

Ring handle Rose – 101mm (4") Handle - 101mm (4")

B910

Drawer handle 50 x 25mm (2" x 1")









B406

Interior wall lamp Double – 263 x 276mm (10 3/8" x 10 7/8") Single – 263 x 148mm (10 7/8" x 5 3/4")

B3754

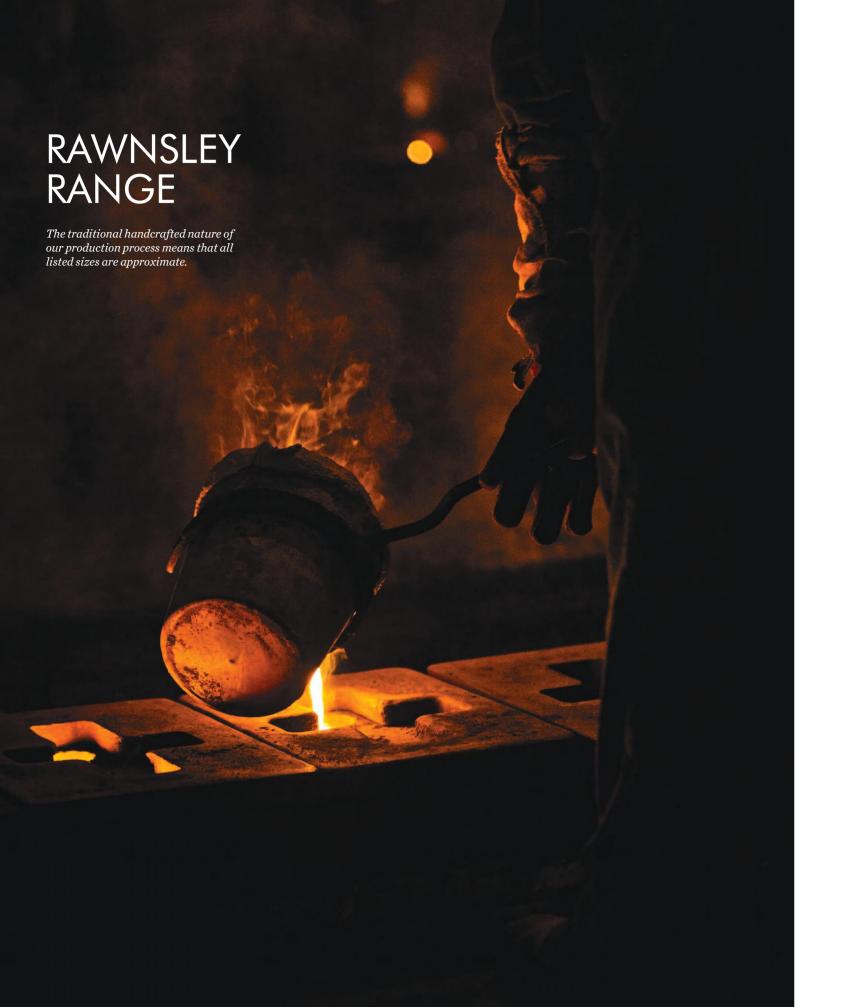
Fanlight catch Smooth finish. Also in flush fitting. 127mm (5") or 178mm (7")

B1204

Rim lock set Lock or latch. Supplied with 1550 knob, oval escutcheon and Wilkes spindle. Lock body – 125 x 103 x 19mm (4 3/4" x 4" x 3/4")

Locking pivot
For use with casement stay Smooth finish

### **RAWNSLEY RANGE**







T540











T940







### T540

Letter plate Width – 250mm (10") Aperture – 183 x 25mm (7 1/4" x 1")

### **WPE906**

Door knocker Length – 228mm (9 1/2")

### T940

Door knob Mortice or rim Knob – 63mm (21/2")

### T541

Letter plate
Width – 205mm (8")
Aperture – 121 x 25mm (4 3/4" x 1")

### WPE911

Door knocker Length – 190mm (7 1/2")

### T1102

Drawer pull Width – 115mm (4 1/2")

### T710

Door knocker Length – 223mm (8")

### RLC451C

Rimlock With or without rimlock

Supplied with T940 knob and escutcheon Lock body – 158 x 115mm (6 1/4" x 4 1/2")



### LEVER HANDLE LOCK TYPES

### Lock

A traditional key operated locking system.

### Latch

A handle operated, spring loaded tongue which 'clicks' shut, holding the door closed but not locking it.

### **Bathroom**

A turn and release locking system which allows the door to be locked and unlocked from one side only for privacy without the use of a key.

### Euro cylinder

A keyhole shaped lock barrel which fits into an appropriately shaped hole within the door and its handle.

### Oval lock

Very similar to a euro cylinder but with an oval rather than keyhole shaped barrel.



ock Latch



Euro cylinder

### THUMB LATCH TYPES CRANKED OR STRAIGHT?

### Cranked

The handle is offset to one side slightly to accommodate for a left hand or right handed door. Sometimes the actual thumb lever can be off-set also.



### BOLT TYPES CRANKED OR STRAIGHT?

### Straight

The bolt sits on the same plane as the bolt fixing.

### Cranked

A cranked bolt is angled out like a step to allow it to fix in position at a 90 degree angle to the actual bolt.



### DOOR KNOBS/LOCKS MORTICE OR RIM?

### Mortice

A mortice knob can be turned to operate a tongue latch within the door that slots into a mortice (hole) in the door frame, holding the door closed or releasing it.

### Rim

A rim knob sits on top of a rim latch or rim lock box, which is mounted onto the face of the door. Turning the knob operates a tongue latch inside the box which slots into a keeper on the door frame, securing or releasing the door.





### WINDOW FASTENINGS HOOK OR MORTICE?

### Hook

A hook fastening slots into a protruding hook attached to the window frame.

### Mortice

A mortice fastening fits into a recess in the window frame.



### AND FINALLY...



### **BESPOKE ITEMS**

With our many years' experience of casting malleable iron we have the capability to make bespoke items to replace unique items which are no longer available.

This service is typically used when renovating listed buildings. To do this we would normally require a sample of the existing product so that we can produce a new pattern from which to make a casting.



### REFURBISHING

Iron products are very durable and can last for many years. If a listed building is being renovated there is very often the option to re-use the original ironmongery.

However, although the actual product is still functional and strong it is often the case that it has been painted over several times and its original beauty has been lost.

We have the capability to restore such products to their original glory by using the skills and techniques built up over 160 years.



### TAKING CARE

Metal in most forms is susceptible to corrosion. Depending upon their function our malleable iron products are subjected to either a one or two stage coating process followed by stove drying to form our durable and hard wearing traditional finish.

Over time the finish can be affected particularly where moving parts rub together. To protect your ironwork we recommend that any moving parts are lightly oiled prior to fitting. We also recommend wiping the products with a lightly oiled cloth from time to time to remove any harmful deposits and reapplying a small amount of oil to moving parts. This is particularly advisable if located near the coastline. We would recommend a three-in-one or WD-40 type lubricant.

If the protective coating is damaged or chipped in any way, a Hammerite type paint should be applied to maintain protection against corrosion.

By adopting this simple advice you can help ensure that your Kirkpatrick products will remain both functional and decorative and will last a lifetime.

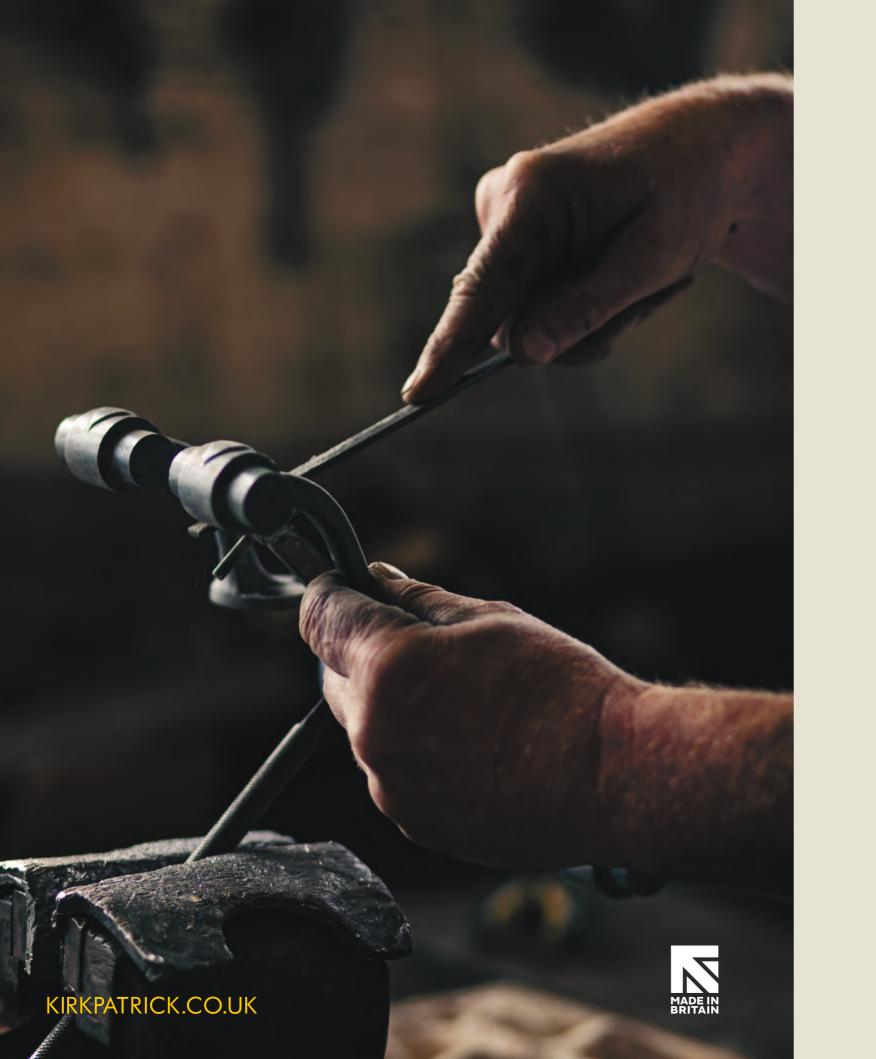


106

### PRODUCT INDEX

Code	Product	_	Product	_	Product	_	Product	_	Product	_	Product	_	Product	_	Product	_	Product	_
170		Pg		Pg		Pg		Pg		Pg		Pg		Pg		Pg		Pg
17	116	71	814F	22	1117	48	1239	48	1814	19	2758	60	4120	70	B116	100	B3619	96
141   66	117	71	816	20	1119	75	1246	29	1820		2760	60	4146			99	B3679	96
146	140/141			I .												I		
140   147   66		i		1		l l						i i		l l		i		i i
150   150				I .				I .						I .		i		l l
1				I												I		l l
Property		1		1				i i				i i				i i		i i
190   190												I .						
140																i i		
100   100				I								1		I .		I		
400   400   800   837   76   1132   66   1460   66   2166   59   200   40   4043   76   1857   99   11102   103				l l												I		i i
405		1		i i		l l								I .		i		l l
140	403	80	838	63	1135	75	1484	53		41	3066	46	4509	61	B910	100	WPE906	103
100	405	80	846	48	1137	73	1485	53	2164	41	3067	45	4539	81	B916	100	WPE911	103
94				l l								46				96		
504   69		1		i				i				i i		l l		1		
564 42 867 29 1150 37 1493 56 2176 55 31570 46 5151 79 FIORS 93 574 48 879 12 1155 33 1502 55 2453 12 3411 61 51513 38 BID2 93 574 48 879 12 1155 33 1502 55 2453 12 3411 61 51 5133 38 BID2 93 578 68 88 88 70 1156 83 1508 55 2453 12 3411 61 51 5133 38 BID2 93 578 68 88 88 70 1156 83 1508 55 2453 12 3411 61 51 5133 38 BID2 93 578 68 88 88 70 1156 83 1508 55 2453 12 3411 61 51 5133 38 BID2 91 578 69 69 69 69 69 69 69 69 69 69 69 69 69												I .						
Fig.				i i								- 1		1		i i		
578		ı		ı								1		- 1				
578   48   883   70   1156   33   1503   55   2434   12   3416   61   5185   37   5112   100				i				1				l l				i		
Sec.   60   896   48   1157   33   1504   56   2439   12   3431   28   1518   56   1518   100   1586   48   1157   33   1158   37   1507   21   2440   14   3491   78   5141   21   5118   100   1508   21   2442   14   3491   78   5142   318   31150   98   1509   1508   21   2442   14   3497   79   5143   318   31150   98   1509   1508   21   2442   14   3497   79   5143   318   31150   98   1509   1508   21   2442   14   3497   79   5143   318   31150   98   1509		i		I .				i i				i i		1		1		
Second   S														I				
607   607A   71   903   33   1159   20   1508   21   2445   14   3497   79   5143   38   BIL50   98		i		i i												i		
620 21 906 63 1165 64 1510 20 2445 12 3498 78 5144 38 B1157 96 621 109 907 26 1166 63 1511 22 2448 14 8499 78 5145 71 B1166 99 622 19 91 28 1167 64 1513 20 2449 14 3600 81 5146 71 B1166 99 64 64 1513 20 2450 12 3603 41 5147 37 B1173 100 64 1513 20 2451 14 3612 81 5170 34 B1174 100 64 64 52 52 52 52 1170 64 1513 20 2451 14 3612 81 5170 34 B1174 100 64 64 52 52 52 52 52 1172 64 1517 20 2451 14 3612 81 5170 34 B1174 100 64 64 52 52 52 52 52 52 52 52 52 52 52 52 52	607 / 607A	I	903	33	1159	20	1508	21	2442			78	5142	38	B1150	98		
Color	619	21	905	68	1161	19	1509	21	2444	14	3497	79	5143	38	B1155	96		
622 19 911 28 1167 64 1512 20 2449 14 3600 81 5146 71 81166 99 622 28 170 64 1513 20 2450 12 3603 41 5147 37 81173 100 64 122 926 22 1170 64 1517 20 2451 14 3613 26 5182 71 81180 99 6614 22 926 22 1172 20 1528 73 2451 14 3613 26 5182 71 81180 99 671 25 932 73 1173 78 1548 73 2456 15 3614 26 9168 66 81181 99 672 71 937 42 1174 78 1546 34 2450 17 3618 25 Cylinder600 66 81195 97 679 28 944 50 1176 66 1547 34 2460 17 3619 25 6650 85 81206 97 77 28 181 1177 64 1549 75 2461 17 3619 25 6650 85 81206 97 77 28 1181 64 1551 47 2462 17 3622 27 6652 85 81401 98 774 76 977 23 1181 64 1551 47 2462 17 3622 27 6652 85 81401 98 8744 76 978 22 1181NVL 64 1553 47 2471 15 3624 25 6656 87 8186 98 774 997 73 1183 68 1557 66 2491 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1588 14 3625 26 6056 87 8186 98 774 12 1005 50 1184 69 1588 14 1583 47 2471 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1588 14 1583 47 2471 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3624 25 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3628 26 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3628 26 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3628 26 6656 87 8186 98 774 12 1005 50 1184 69 1553 47 2471 15 3628 26 6656 87 8186 98 774 1008 1008 1008 1008 1008 1008 1008 100				63						12		78		38		I		
632 28 925 22 1170 64 1513 20 2450 12 3603 41 5147 37 81173 100 645 20 926 22 1171 64 1517 20 2451 14 3612 81 5170 34 81174 100 645 20 927 22 1172 20 1528 73 2456 15 3614 26 9168 66 81818 99 671 17 937 42 1174 78 154 34 2459 17 3618 25 Cylinder 600 56 81181 99 99 672 71 937 42 1174 78 1546 34 2459 17 3618 25 Cylinder 600 56 8195 97 679 28 944 50 1176 66 1547 34 2469 17 3619 25 650 85 81924 100 688 25 962 31 1177 64 1549 75 2461 17 3629 26 650 85 81205 97 717 28 967 32 1180 68 1550 47 2463 17 3622 27 652 85 81401 98 72 72 72 72 72 72 72 72 72 72 72 72 72				i												i		
641 22 926 22 1171 64 1517 20 2451 14 3612 81 5170 34 81174 100   645 20 927 22 1172 20 1528 73 2456 15   646 20 927 22 1172 20 1528 73 2456 15   672 71 937 42 1174 78 1543 73 2456 15   672 71 937 42 1174 78 1543 73 2456 15   688 25 962 31 1177 64 1549 75 2461 17   688 25 962 31 1177 64 1549 75 2461 17   688 25 962 31 1177 64 1549 75 2461 17   688 25 962 31 1172 64 1549 75 2461 17   688 26 962 81 1180 68 1550 47 2462 17   689 27 1 997 22 1180   689 1550 47 2462 17   689 28 967 32 1181 64 1551 47 2463 17   689 28 967 32 1181 64 1551 47 2463 17   689 28 967 32 1181 64 1551 47 2463 17   689 29 16 605 85 18401 98   689 29 180 68 1550 47 2463 17   69 28 967 32 1181 64 1551 47 2463 17   69 28 968 22 1181NNL 64 1551 47 2463 17   69 28 98 57 3 1182 63 1554 47 2471 15   69 28 98 57 3 1182 63 1554 47 2471 15   69 28 98 57 3 1182 63 1554 47 2471 15   69 28 99 5 73 1183 68 1557 66 2491 15   69 29 1011 61 1185 63 1563 12 2495 15   69 39 1011 61 1185 63 1163 16 2495 15   69 39 1011 61 1185 63 1563 12 2495 15   69 39 1013 73 1190 55 1578 42 2496 15   69 39 1013 73 1190 75 1578 42 2496 15   69 39 1013 73 1190 75 1578 42 2496 15   69 39 1013 73 1190 75 1578 42 2496 15   69 39 1013 73 1190 75 1578 42 2496 15   69 39 1013 73 1190 75 1579 42 2519 14   60 60 90 1176 198 1579 97 1 69 39 1013 73 1190 75 1637 61 2564 15   60 60 90 1176 198 1579 97 1 69 39 1013 73 1190 75 1637 61 2564 15   60 60 90 1176 198 1495 99 1 60 34 1069 45 1196 33 1681 27 2568 15   60 60 90 12450 94 1 60 60 90 1				I								I .				- 1		
645 20 977 22 1172 20 1528 73 2454 14 3613 26 5182 71 B1180 99 672 73 1173 78 1543 73 2456 15 3614 26 918 66 B1181 99 672 71 937 42 1174 78 1546 34 2450 17 3618 25 Cylinder 6000 56 B1195 97 672 28 944 50 1176 66 1547 34 2450 17 3618 25 Cylinder 6000 56 B1195 97 67 71 71 92 8 967 32 1187 64 1549 75 2461 17 3622 27 6052 85 B1204 100 98 71 71 28 967 32 1180 68 1550 47 2462 17 3622 27 6052 85 B1401 98 71 71 71 71 71 71 71 71 71 71 71 71 71		i				i i												
671 25 932 73 1173 78 1543 73 2456 15 3614 26 9168 66 B1181 99   672 71 937 42 1174 78 1546 34 2459 17 3618 25 Cylinder 600 56 B1195 97   679 28 944 50 1176 66 1547 34 2460 17 3619 25 6050 85 B1204 100   688 25 962 31 1177 64 1549 75 2461 17 3629 25 6050 85 B1205 97   717 28 967 32 1180 68 1550 47 2462 17 3622 27 6052 85 B1401 98   720 76 977 23 1181 64 1551 47 2463 17 3623 26 6053 85 B1402 98   734 76 978 22 1181NVL 64 1553 47 2471 15 3624 25 6056 87 B1486 98   734 76 978 22 1181NVL 64 1553 47 2471 15 3624 25 6056 87 B1486 98   751 54 997 73 1182 63 1554 47 2471 15 3624 25 6056 87 B1486 98   751 12 1005 50 1184 69 1558 21 2494 15 3630 25 6058 85 B1493 98   768 39 1011 61 1185 63 1563 12 2495 15 3630 25 6058 85 B1502 98   769 59 1013 73 1190 55 1578 42 2495 15 3661 42 6060 90 B1551 97   770 59 1027 63 1102 73 1579 42 2495 15 3661 42 6060 90 B1551 97   770 59 1027 63 1102 73 1579 42 2495 15 3661 42 6060 90 B1551 97   772 37 1028 63 1193 64 1000 69 2520 14 3665 61 6061 90 B1551 97   778 24 48 1053 53 1194 75 1001 64 2561 15 3900 70 6066 90 B2450 94   779 23 1069 45 1106 33 1681 27 2568 15 3900 70 6066 90 B2450 94   779 24 1068 55 1105 33 1681 27 2568 15 3900 70 6066 90 B2450 94   779 24 1088 45 1106 55 1105 75 1607 64 2563 15 3990 70 6066 90 B2450 94   788 23 1073 31 1107 50 1684 26 2587 75 3999 29 6066 90 B2450 94   789 243 1078 31 11078 70 1203 46 1736 60 2587 75 3991 29 6066 90 B2450 94   780 45 1108 55 1204 37 1752 69 2618 50 4088 29 6081 87 B2551 94   780 45 1108 55 1204 37 1752 69 2618 50 4068 46 6080 87 B2551 94   780 45 1108 55 1204 37 1752 69 2618 50 4068 29 6081 87 B2551 94   780 45 1108 55 1204 37 1752 69 2618 50 4068 29 6081 87 B2561 94   780 45 1108 55 1204 37 1752 69 2618 50 4068 29 6081 87 B2561 94   780 45 1108 55 1204 37 1752 69 2618 50 4068 29 6081 87 B2561 94   780 45 1108 55 1204 37 1752 69 2618 50 4068 29 6081 87 B2561 94   780 45 1108 55 1204 37 1752 69 2618 50 4068 29 6081 87 B2561 94   780 45 1108 55 1204 37 1755 54 2629 50 4064 46 6008 87 B2561 94   780 45 1108 55 1204 37 1755 54 2629 50		1		I .				1				i i		1				
672 71 937 42 1174 78 1546 34 2459 17 3618 25 Cylinder 600 56 B195 97 679 28 944 50 1176 66 1547 34 2450 17 3619 25 6550 85 B1204 100 688 25 962 31 1176 64 1549 75 2461 17 3620 26 6051 85 B1204 100 688 25 962 31 1180 68 1550 47 2462 17 3622 27 6052 85 B1401 98 734 76 978 22 1181 WL 64 1551 47 2463 17 3623 26 6053 85 B1402 98 734 76 978 22 1181 WL 64 1553 47 2471 15 3624 25 6054 17 B1485 98 745 75 985 73 1182 63 1557 66 2491 15 3628 26 6056 87 B1493 98 754 12 1005 50 1184 69 1558 21 2494 15 3628 26 6056 87 B1493 98 768 59 1011 61 1185 63 1563 12 2496 15 3651 42 6059 87 B150 97 770 59 1013 73 1190 55 1578 42 2496 15 3651 42 6060 90 B1551 97 777 57 1028 63 1192 73 11579 42 2519 14 3665 61 6061 90 B1551 97 777 57 1028 63 1192 73 1579 42 2519 14 3665 61 6061 90 B1761 98 778 149 15 15 1574 14 1574 14 15 1574 14 1574 14 15 1574 14 1574 14 1574 14 15 1574 14 1574 14 15 1574 14 1574 14 15 1574 14 1574 14 1574 14 15 1574 14 1574 14 1574 14 15 1574 14 1574 14 15 1574 14 14 14 14 14 14 14 14 14 14 14 14 14				I .										I		I		
679 28 944 50 1176 66 1547 34 2460 17 3619 25 6050 85 B1204 100 688 25 962 31 1177 64 1549 75 2461 17 3620 26 6051 85 B1205 97 717 28 967 32 1180 68 1550 47 2462 17 3622 27 6052 85 B1401 98 720 76 977 23 1181 64 1551 47 2463 17 3622 27 6052 85 B1401 98 724 724 724 724 724 724 724 724 724 724				i i										i i		- 1		
688 25 962 31 177 64 1549 75 2461 17 3620 26 6051 85 B1401 98 717 28 967 32 1180 68 1550 47 2462 17 3622 27 6052 85 B1401 98 720 76 977 23 1181 64 1551 47 2463 17 3623 26 6053 85 B1402 98 734 76 978 22 1181NVL 64 1553 47 2471 15 3624 25 6056 87 B1486 98 745 76 985 73 1182 63 1554 47 2488 14 3625 26 6056 87 B1486 98 751 54 997 73 1183 68 1557 66 2491 15 3628 26 6057 87 B1486 98 751 54 12 1005 50 1184 69 1558 21 2494 15 3628 26 6058 85 B1402 98 768 59 1011 61 1185 63 1563 12 2495 15 3630 25 6058 85 B1502 98 769 59 1013 73 1190 55 1578 42 2496 15 3651 42 6060 90 B1551 97 770 59 1027 63 1192 73 1579 42 2519 14 3665 61 6061 90 B151 97 777 57 1028 63 1193 64 1600 69 2520 14 3679 19 6062 88 B1979 97 782 48 1053 53 53 1194 75 1601 64 2563 15 3900 70 6064 90 B2439P 94 797 23 1069 45 1196 33 1681 27 2568 15 3900 70 6064 90 B2439P 94 798 23 1073 31 1197 50 1684 26 2586 75 3979 29 6066 90 B2439P 94 799 19 1078 70 1203 46 1736 60 2587 75 807 41 1081 55 1083 31 1205 45 1752 54 2629 50 4085 46 6080 85 B3064 97 812 34 1100 32 1217 73 1761 54 2639 50 4085 29 6081 87 B3603 95				I .								1	-			I		
720         76         977         23         1181         64         1551         47         2463         17         3623         26         6053         85         B1402         98           734         76         978         22         1181NVL         64         1553         47         2471         15         3624         25         6054         17         B1485         98           745         76         985         73         1182         63         1554         47         2488         14         3625         26         6056         87         B1493         98           751         54         997         73         1183         68         1557         66         2491         15         3628         26         6057         87         B1493         98           764         12         1005         50         1184         69         1558         21         2494         15         3630         25         6059         87         B1550         97           769         59         1013         73         1190         55         1578         42         2496         15         3652         42 <t< td=""><td>688</td><td>25</td><td>962</td><td>31</td><td>1177</td><td>64</td><td>1549</td><td>75</td><td>2461</td><td>17</td><td></td><td>26</td><td>6051</td><td>85</td><td>B1205</td><td></td><td></td><td></td></t<>	688	25	962	31	1177	64	1549	75	2461	17		26	6051	85	B1205			
734         76         978         22         1181NVL         64         1553         47         2471         15         3624         25         6054         17         B1485         98           745         76         985         73         1182         63         1554         47         2488         14         3625         26         6056         87         B1486         98           754         12         1005         50         1184         69         1558         21         2494         15         3630         25         6058         85         B1502         98           768         59         1013         73         1190         55         1578         42         2495         15         3651         42         6069         97         769         59         1013         73         1190         55         1578         42         2496         15         3652         42         6060         90         B1551         97           770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6061         90         B1761	717	28		32		68		47	2462	17		27		85	B1401	98		
745         76         985         73         1182         63         1554         47         2488         14         3625         26         6056         87         B1486         98           751         54         997         73         1183         68         1557         66         2491         15         3630         25         6058         85         B1493         98           768         59         1011         61         1185         63         1563         12         2495         15         3651         42         6059         87         B1550         97           770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6060         90         B1551         97           770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6061         90         B1561         97           770         59         1027         63         1193         64         1600         69         2520         14         3679         19 <td< td=""><td></td><td>i</td><td></td><td>i</td><td></td><td>i i</td><td></td><td>i</td><td></td><td></td><td></td><td>i i</td><td></td><td>i i</td><td></td><td>i</td><td></td><td></td></td<>		i		i		i i		i				i i		i i		i		
751         54         997         73         1183         68         1557         66         2491         15         3628         26         6057         87         B1493         98           754         12         1005         50         1184         69         1558         21         2495         15         3631         42         6059         87         B1550         97           769         59         1013         73         1190         55         1578         42         2496         15         3651         42         6060         90         B1551         97           770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6061         90         B1551         97           777         57         1028         63         1193         64         1600         69         2520         14         3679         19         6062         88         B1979         97           782         48         1053         53         1194         75         1601         64         2563         15         3754         71 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>I .</td><td></td><td>I</td><td></td><td>l l</td><td></td><td></td></t<>												I .		I		l l		
754         12         1005         50         1184         69         1558         21         2494         15         3630         25         6058         85         B1502         98           768         59         1011         61         1185         63         1563         12         2495         15         3651         42         6059         87         B1550         97           770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6061         90         B1761         98           777         57         1028         63         1193         64         1600         69         2520         14         3665         61         6061         90         B1761         98           782         48         1053         53         1194         75         1601         64         2563         15         3754         71         6062         88         B1979         97           796         34         1065         55         1195         75         1637         61         2564         15         3900         70         <						I .						- 1		- 1		- 1		
768         59         1011         61         1185         63         1563         12         2495         15         3651         42         6059         87         B1550         97           769         59         1013         73         1190         55         1578         42         2496         15         3652         42         6060         90         B1551         97           770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6061         90         B1551         98           777         57         1028         63         1193         64         1600         69         2520         14         3669         19         6062         88         B1979         97           782         48         1053         53         1194         75         1601         64         2563         15         3754         71         6063         88         B2156         95           796         34         1069         45         1196         33         1681         27         2568         15         3900         70         <				i		I .												
769         59         1013         73         1190         55         1578         42         2496         15         3652         42         6060         90         B1551         97           770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6061         90         B1761         98           777         57         1028         63         1193         64         1600         69         2520         14         3679         19         6062         88         B1979         97           782         48         1053         53         1194         75         1601         64         2563         15         3754         71         6063         88         B2156         95           796         34         1065         55         1195         75         1637         61         2564         15         3900         70         6064         90         B24399         94           797         23         1069         45         1196         33         1681         27         2568         15         3960         75																		
770         59         1027         63         1192         73         1579         42         2519         14         3665         61         6061         90         B1761         98           777         57         1028         63         1193         64         1600         69         2520         14         3679         19         6062         88         B1979         97           782         48         1053         53         1194         75         1601         64         2563         15         3754         71         6063         88         B2156         95           796         34         1065         55         1195         75         1637         61         2564         15         3900         70         6064         90         B2439         94           797         23         1069         45         1196         33         1681         27         2568         15         3960         75         6065         90         B2439SP         94           798         23         1073         31         1197         50         1684         26         2586         75         3981         28				i i		l l		i				i i						
782         48         1053         53         1194         75         1601         64         2563         15         3754         71         6063         88         B2156         95           796         34         1065         55         1195         75         1637         61         2564         15         3900         70         6064         90         B2439         94           797         23         1069         45         1196         33         1681         27         2568         15         3960         75         6065         90         B2439SP         94           798         23         1073         31         1197         50         1684         26         2586         75         3979         29         6066         90         B2450         94           799         19         1078         70         1203         46         1736         60         2587         75         3981         28         6067         90         B2451         94           807         41         1081         55         1204         37         1752         69         2618         50         3998         71				I .								I .						
796         34         1065         55         1195         75         1637         61         2564         15         3900         70         6064         90         B2439         94           797         23         1069         45         1196         33         1681         27         2568         15         3960         75         6065         90         B2439SP         94           798         23         1073         31         1197         50         1684         26         2586         75         3979         29         6066         90         B2450         94           799         19         1078         70         1203         46         1736         60         2587         75         3981         28         6067         90         B2451         94           807         41         1081         55         1204         37         1752         69         2618         50         3998         71         6068         87         B2451         94           808         45         1083         31         1205         45         1753         54         2621         50         4013         43	777	57	1028	63	1193	64	1600	69	2520	14	3679	19	6062	88	B1979	97		
797         23         1069         45         1196         33         1681         27         2568         15         3960         75         6065         90         B2439SP         94           798         23         1073         31         1197         50         1684         26         2586         75         3979         29         6066         90         B2450         94           799         19         1078         70         1203         46         1736         60         2587         75         3981         28         6067         90         B2451         94           807         41         1081         55         1204         37         1752         69         2618         50         3981         28         6067         90         B2451         94           808         45         1083         31         1205         45         1753         54         2621         50         4013         43         6069         88         B2561         94           809         20         1085         31         1206         45         1756         54         2623         50         4064         46	782	48	1053	53	1194	75	1601	64	2563	15	3754	71	6063	88	B2156	95		
798         23         1073         31         1197         50         1684         26         2586         75         3979         29         6066         90         B2450         94           799         19         1078         70         1203         46         1736         60         2587         75         3981         28         6067         90         B2451         94           807         41         1081         55         1204         37         1752         69         2618         50         3998         71         6068         87         B2454         94           808         45         1083         31         1205         45         1753         54         2621         50         4013         43         6069         88         B2561         94           809         20         1085         31         1206         45         1756         54         2623         50         4064         46         6070         88         B2621         93           810         19         1089         45         1207         45         1759         54         2629         50         4085         46         <		i	1065	55							3900	70				94		
799         19         1078         70         1203         46         1736         60         2587         75         3981         28         6067         90         B2451         94           807         41         1081         55         1204         37         1752         69         2618         50         3998         71         6068         87         B2454         94           808         45         1083         31         1205         45         1753         54         2621         50         4013         43         6069         88         B2561         94           809         20         1085         31         1206         45         1756         54         2623         50         4064         46         6070         88         B2621         93           810         19         1089         45         1207         45         1759         54         2629         50         4085         46         6080         85         B3056         97           812         34         1100         32         1217         73         1761         54         2630         50         4088         29         <																		
807         41         1081         55         1204         37         1752         69         2618         50         3998         71         6068         87         B2454         94           808         45         1083         31         1205         45         1753         54         2621         50         4013         43         6069         88         B2561         94           809         20         1085         31         1206         45         1756         54         2623         50         4064         46         6070         88         B2621         93           810         19         1089         45         1207         45         1759         54         2629         50         4085         46         6080         85         B3056         97           812         34         1100         32         1217         73         1761         54         2630         50         4088         29         6081         87         B3603         95           813         81         1102         32         1233         32         1778         53         2709         66         4090         34         <						I .								- 1		- 1		
808         45         1083         31         1205         45         1753         54         2621         50         4013         43         6069         88         B2561         94           809         20         1085         31         1206         45         1756         54         2623         50         4064         46         6070         88         B2621         93           810         19         1089         45         1207         45         1759         54         2629         50         4085         46         6080         85         B3056         97           812         34         1100         32         1217         73         1761         54         2630         50         4088         29         6081         87         B3064         97           813         81         1102         32         1233         32         1778         53         2709         66         4090         34         6082         87         B3603         95				l l				1						1		l l		
809     20     1085     31     1206     45     1756     54     2623     50     4064     46     6070     88     B2621     93       810     19     1089     45     1207     45     1759     54     2629     50     4085     46     6080     85     B3056     97       812     34     1100     32     1217     73     1761     54     2630     50     4088     29     6081     87     B3064     97       813     81     1102     32     1233     32     1778     53     2709     66     4090     34     6082     87     B3603     95				l l								I .						
810     19     1089     45     1207     45     1759     54     2629     50     4085     46     6080     85     B3056     97       812     34     1100     32     1217     73     1761     54     2630     50     4088     29     6081     87     B3064     97       813     81     1102     32     1233     32     1778     53     2709     66     4090     34     6082     87     B3603     95		i		i				i i				i				i i		
812     34     1100     32     1217     73     1761     54     2630     50     4088     29     6081     87     B3064     97       813     81     1102     32     1233     32     1778     53     2709     66     4090     34     6082     87     B3603     95				I .														
813 <b>81</b> 1102 <b>32</b> 1233 <b>32</b> 1778 <b>53</b> 2709 <b>66</b> 4090 <b>34</b> 6082 <b>87</b> B3603 <b>95</b>		1		i		l l						i		- 1		l l		
814 <b>19</b>   1103 <b>32</b>   1238 <b>78</b>   1783 <b>53</b>   2723 <b>66</b>   4091 <b>37</b>   7000-7014 <b>38/39</b> B3613 <b>96</b>		81	1102	32	1233	32	1778	1		66	4090	l l		87		l l		
	814	19	1103	32	1238	78	1783	53	2723	66	4091	37	7000-7014	38/39	B3613	96		

108 KIRKPATRICK.CO.UK



### KIRKPATRICK.CO.UK

Kirkpatrick, PO Box 17 Frederick Street, Walsall WS2 9NF United Kingdom

Tel \*44 (0)1922 620 026 Fax \*44 (0)1922 722 525 Email enquiries@kirkpatrick.co.uk



