New Products Inside

Rencol
COMPONENTS

INDUSTRIAL MANUFACTURING SINCE 1923

Overview Catalogue

Standard Components

Rencol's flexible manufacturing capabilities, engineering expertise, global supply chain and market knowledge allow us to develop cost-effective product solutions that exceed our customers' expectations.

Who we are

In the early twentieth century Rencol developed engineered plastic solutions ranging from electric car batteries and recharging stations to the plastic "Joylight" internal combustion engine.

By the 1970s our focus on components had emerged and the Rencol name became synonymous with high quality plastic knobs, handles and handwheels.

Today, we continue to grow, adapt and innovate:

- Our product range is extensive, industry-standard and growing.
- Our manufacturing partners are in key international locations, each chosen for their expertise, compatibility with our values and cost effectiveness.
- Our distribution network is worldwide and expanding.
- Our global supply chain has been in successful continuous operation for over a decade.

We are here to help

Exceptional customer service is central to our company philosophy. Our customer service team, on-site engineers, product designers and supply chain experts are here to advise and assist at all stages of the purchase and fulfilment process.

Call or email to:

- Check price and availability
- Make technical queries and request product advice
- Request samples
- Place and progress your order
- Request CAD drawings

Visit our website to:

- Request a quotation
- View product specifications and MOQs
- Find your local distributor
- Request CAD drawings
- Request a catalogue

Modifications & Custom Components

Diverse manufacturing capabilities and experienced on-site technical personnel allows Rencol to offer a wide range of product modifications and custom product solutions. We regularly adapt standard components or manufacture custom products to suit our customers' specific requirements. New tooling can be produced quickly and cost effectively with a typical MOQ of just 500 pieces.

Manufacturing processes
Plastic & Metal Injection Moulding / Die casting / Machining / Forging / Stamping / Rapid Prototyping / 3D Printing

Modifications & custom options
Thread size & length / RAL Colours / Engraving / Pad-Printing & Screen-Printing / TPE Over mould / Materials / Finishes / Logos

For more information

Visit **www.rencol.com** to request a quotation, view full product specifications and find contact details for our international distributors. To check price and availability, request free samples, place an order, progress an order or speak to an advisor:

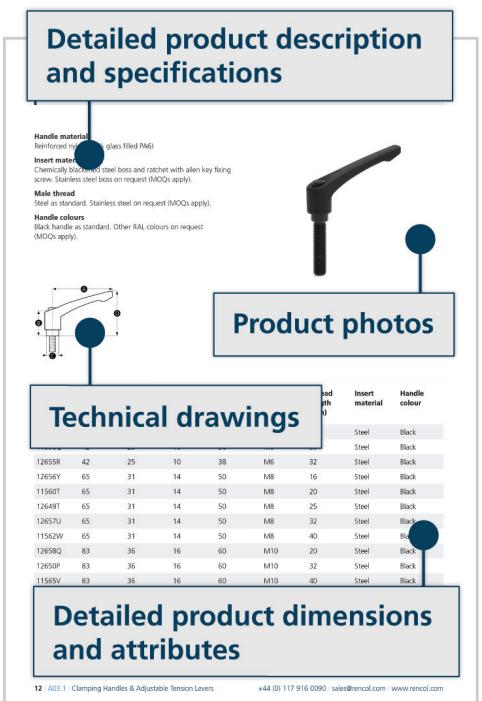
Call our customer service team on: **+44 (0)117 916 0090**
Or email: **sales@rencol.com**

Our opening hours:
Monday to Friday 8.30am to 5.00pm (GMT)

Detailed technical specifications for all products are available in our catalogue or online.

Speak with our customer service team to request your catalogue or visit:

www.rencol.com



Technical Specifications & Key

Thermoplastic
Material: Nylon 6 + Polypropylene (PP)
Working temperatures: Nylon up to 130°C peak and 80°C continuous use. Polypropylene maximium 70°C.
Resistant to: alcohols, esters, aromatic hydrocarbons, dilute alkalis, ketones, oils, fuels, grease, fats, weatherability (including UV light - excludes coloured Nylon) and salt water.
With PP also avoid halogenated hydrocarbons and flammable materials (can hold static charge).

Reinforced Thermoplastic
Material: Nylon 6 glass filled
Working temperature: up to 180°C peak, 110°C continuous use.
Resistant to: alcohols, esters, aromatic hydrocarbons, dilute alkalis, ketones, oils, fuels, grease, fats, weatherability (including UV light) and salt water.

Duroplast
Material: Phenolic Based Duroplast (PF)
Working temperature: -30°C to 160°C
Resistant to: diluted mineral acids, alcohols, chlorinated hydrocarbons, aromatic hydrocarbons, detergents, grease, oils, weatherability (including UV light). Avoid high pressure or high impact loads (can shatter).

Soft-Touch Mouldings
Material: Polypropylene substrate, TPE over-mould. Rencol has standard parts already available in this design, used particularly extensively in both industrial and special needs market products.

Brass
Material: BS2874 CZ121. Especially recommended for any materials likely to have continued exposure to temperatures below -30°C, where most steel grades become brittle. Also used as a marine grade material when nickel plated.

Zinc Plated Steel
Material: EN1A leaded-bright zinc passivated.

Stainless Steel
Material: Standard grade is 304. For medical, catering or marine use recommended grade is 316 - has high chloride resistance.

Aluminium
Grades are 6061 and A380. Others available on request.

Colours
Colour options include black, red, yellow, green, blue, white and grey. Other colours are available on request. If you would like to see the colours before ordering, samples can be provided free of charge.

Thread Depths
Wherever possible thread depths are a minimum of 1.5 x the diameter of the thread.

Tolerances
In general, our products are produced to the following tolerances:
Bore sizes: ± 0.1mm (0.004in)
Outside dimensions: ± 0.5mm (0.020in)
Male thread length: ± 1mm (0.040in)

All values are approximate and for guidance only.

Rencol Components is **ISO 9001:2008 Certified**
Our components are **REACH & RoHS Compliant**

- **Colour options** - RAL colours on request.
- HD **Heavy duty** - Particularly hard wearing item.
- SS **Stainless steel** - Partly or totally stainless steel.
- **Fixing from above**
- **Fixing from below**
- **Multi component build** - Assembly available.
- ST **Soft touch** - TPE over mould. Oil resistant.

Plastic & Metal Knobs

Pages 7 - 15

Bridge Handles & Pull Handles

Pages 16 - 18

Clamping Handles & Adjustable Levers

Pages 18 - 20

Levelling Feet & Threaded Bushes

Pages 20 - 21

Index Plungers & Cam Plungers

Pages 22 - 23

Plastic Handles, T-Handles & Grips

Pages 23 - 25

Handwheels & Cranking Handles

Pages 25 - 27

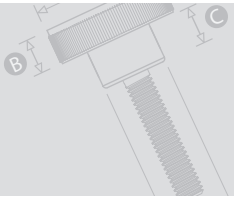
Plastic & Metal Hinges

Page 27 - 28

Locks, Latches & Vents

Page 29

Plastic & Metal Knobs



Model 01F PK ST

Polypropylene inner substrate with over moulded black TPE outer. Brass female insert. Ø 28 / 40 / 50 / 60mm. M5 to M12.

Model 01M PK ST

Polypropylene inner substrate with over moulded black TPE outer. Zinc plated steel male thread. Ø 28 / 40 / 50 / 60mm. M5x10mm to M12x50mm.

Model 01T PK ST

Polypropylene inner substrate with over moulded black TPE outer. Tapped right through brass insert. Ø 28 / 40 / 50 / 60mm. M5 to M12.

Model 02F PK

Black matt finish nylon or polypropylene with brass, stainless or zinc plated steel inserts. Ø 28 / 40 / 50 / 60mm. M5 up to M12.

Model 02M PK

Black matt finish nylon or polypropylene with zinc plated or stainless steel thread. Ø 28 / 40 / 50 / 60mm. M5x10mm up to M12x50mm.

Model 02T PK

Black matt finish nylon or polypropylene with tapped right through brass, stainless or zinc plated steel inserts. Ø 28 / 40 / 50 / 60mm. M5 up to M12.

Model 03F PK

Black matt finish nylon with brass insert. Ø 30 / 40 / 50 / 60 / 75mm. M5 up to M16.

Model 03M PK

Black matt finish nylon with zinc plated steel thread. Ø 30 / 40 / 50 / 60 / 75mm. M5x15mm up to M12x50mm.

Model 03T PK
Black matt finish nylon with tapped right through brass insert. Ø 30 / 40 / 50 / 60 / 75mm. M5 up to M12.

Model 04F PK
Graphite grey matt nylon with brass insert.
Ø 30 / 40 / 50 / 60mm.
M6 up to M12.

Model 04M PK
Graphite grey matt nylon with zinc plated steel thread.
Ø 30 / 40 / 50 / 60mm.
M6x20mm up to M12x45mm.

Model 05F PK
Black matt finish nylon or polypropylene with brass or zinc plated steel inserts.
Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 05M PK
Black matt finish nylon or polypropylene with zinc plated steel thread. Ø 28 / 40 / 50 / 60mm. M5x10mm up to M10x40mm.

Model 05T PK
Black matt finish nylon with tapped right through brass insert. Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 06F PK
Black gloss finish duroplast with brass protruding insert.
Ø 32 / 44mm.
M5 up to M10.

Model 06M PK
Black gloss finish duroplast with zinc plated steel thread.
Ø 32 / 44 / 57 / 70mm.
M6x15mm up to M12x50mm.

Model 06T PK
Black gloss finish duroplast with tapped right through brass insert.
Ø 32 / 44 / 57 / 70mm.
M6 up to M12.

Model 07F PK
Black matt finish polypropylene with brass insert. Ø 30 / 40 / 50 / 60 / 80mm. M6 up to M16.
Add a logo to coloured cap (tooling & MOQ apply).

Model 07M PK
Black matt finish polypropylene. Zinc plated steel thread. Ø 30 / 40 / 50 / 60mm. M6x10mm up to M12x50mm. Add logo to coloured cap (tooling & MOQ apply).

Model 08F PK
Black matt finish nylon with brass insert.
Ø 32 / 44 / 57mm.
M5 up to M10.

Model 08M PK
Black matt finish nylon with zinc plated steel thread.
Ø 32 / 44 / 57mm.
M6x25mm up to M10x30mm.

Model 09F PK
Black matt finish nylon with brass insert.
Ø 26 / 32 / 40mm.
M5 up to M8.

Model 09M PK
Black matt finish nylon with zinc plated steel thread.
Ø 26 / 32 / 40mm.
M5x10mm up to M8x25mm.

Model 10F PK
Black matt finish nylon with brass or zinc plated steel insert.
Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 10M PK
Black matt finish nylon or polypropylene with zinc plated steel thread. Ø 28 / 40 / 50 / 60mm. M5x10mm up to M10x40mm.

Model 10T PK
Black matt finish nylon or polypropylene with tapped right through brass insert.
Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 11F PK
Black matt finish nylon or polypropylene with brass or zinc plated steel insert.
Ø 38 / 50 / 60mm.
M6 up to M12.

Model 11M PK
Black matt finish nylon or polypropylene with zinc plated or stainless steel thread.
Ø 38 / 50 / 60mm. M6x20mm up to M12x30mm.

Model 11T PK
Black matt finish nylon or polypropylene with tapped right through brass or stainless steel insert. Ø 38 / 50 / 60mm. M6 up to M10.

Model 12F PK
Black matt finish nylon or polypropylene with brass or zinc plated steel insert.
Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 12M PK
Black matt finish nylon or polypropylene with zinc plated steel thread. Ø 28 / 40 / 50 / 60mm. M5x10mm up to M10x40mm.

Model 12T PK
Black matt finish nylon with tapped right through brass insert.
Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 13M PK
Black matt finish nylon with zinc plated steel thread.
Ø 25mm. M4x10mm up to M5x20mm.

Model 14M PK
Black matt finish nylon with zinc plated steel thread.
Ø 21mm. M5x10mm up to M6x20mm.

Model 15F PK
Black matt finish nylon with brass insert.
Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 15M PK
Black matt finish nylon with zinc plated steel thread.
Ø 28 / 40 / 50 / 60mm.
M5x10mm up to M10x40mm.

Model 15T PK
Black matt finish nylon with tapped right through brass insert. Ø 28 / 40 / 50 / 60mm.
M5 up to M10.

Model 16F PK
Reinforced matt finish black nylon with brass insert.
Ø 35 / 45mm.
M5 up to M10.

Model 16M PK
Black matt finish Ultramid B3K with zinc plated steel thread.
Ø 35 / 45mm.
M5x15mm up to M8x30mm.

Model 17AF PK
Black gloss finish duroplast with moulded thread.
Ø 16 / 19 / 25 / 32 / 38 / 44 / 51mm. M4 up to M20.

Model 17BF PK
Black gloss finish duroplast with brass insert.
Ø 25 / 32 / 38 / 44 / 51mm.
M6 up to M16.

Model 18AF PK
Black matt finish nylon with moulded thread.
Ø 15 / 20 / 25 / 32 / 38 / 45 / 50mm. M4 up to M12.

Model 18BF PK
Black matt finish nylon with brass insert.
Ø 25 / 32 / 38mm.
M6 up to M10.

Model 19AF PK
Black matt finish nylon with self-fixing thread.
Ø 20 / 25 / 32 / 38 / 50mm.
5mm up to 12mm and 0.1875in up to 0.5in.

Model 20AF PK
Black gloss finish duroplast with self-fixing tolerance ring.
Ø 19 / 25 / 32 / 38 / 44 / 51mm. 5mm up to 16mm and 0.1875in up to 0.625in.

Model 21F PK
Black matt finish nylon with moulded thread.
Ø 22 / 27 / 32 / 37mm.
M4 up to M10.

Model 21M PK
Black matt finish nylon with zinc plated steel thread.
Ø 22 / 27 / 32 / 37mm.
M5x10mm up to M10x30mm.

Model 21SF PK
Black matt finish nylon with self-fixing bore.
Ø 22 / 37mm.
5mm up to 10mm.

Model 22F PK
Black gloss finish duroplast
with moulded thread.
Ø 22 / 28 / 35mm.
M6 up to M12.

Model 22SF PK
Black gloss finish duroplast
with self-fixing tolerance ring.
Ø 22 / 28 / 35mm.
6mm up to 10mm.

Model 23F PK
Black matt finish nylon with
moulded thread.
Ø 15 / 18 / 24 / 28 / 31mm.
M5 up to M12.

Model 23SF PK
Black matt finish nylon with
self-fixing bore.
Ø 15 / 24 / 28 / 31mm.
5mm up to 12mm.

Model 24M PK
Black matt finish nylon with
zinc plated steel thread.
Ø 16 / 21mm.
M4x10mm up to M6x15mm.

Model 25F PK
Black matt finish nylon with
brass insert.
Ø 15 / 20 / 25mm.
M4 up to M8.

Model 25M PK
Black matt finish nylon with
zinc plated steel thread.
Ø 15 / 20 / 25mm.
M4x10mm up to M8x25mm.

Model 26F PK
Graphite grey matt finish nylon
with brass insert.
Ø 20 / 25 / 30mm.
M4 up to M10.

Model 26M PK
Graphite grey matt finish nylon
with zinc plated steel thread.
Ø 20 / 25 / 30mm.
M4x10mm up to M10x30mm.

Model 27F PK
Black matt finish nylon with
brass insert.
Ø 15 / 19 / 22 / 25mm.
M4 up to M8.

Model 27M PK
Black matt finish nylon with zinc plated steel thread.
Ø 15 / 19 / 22 / 25mm.
M4x10mm up to M8x20mm.

Model 28M PK
Black matt finish nylon with zinc plated steel thread.
Ø 21mm. M5x10mm up to M6x20mm.

Model 29SAM PK
Red, grey or black spun matt finish acetal thermoplastic with push-fit assembly to socket head screws.
Ø 10 / 13 / 16 / 19 / 26mm.
M3 up to M8.

Model 30SAM PK
Red, grey or black textured matt finish acetal thermoplastic with push-fit assembly to socket head screws.
Ø 38mm. M6 up to M10.

Model 31SAM PK
Red, grey or black textured matt finish acetal thermoplastic with push-fit assembly to socket head screws. Ø 26 / 30 / 38 / 45mm. M5 up to M10.

Model 32M PK
Gloss finish black duroplast.
Zinc plated steel thread.
Ø 18 / 22 / 26mm.
M4x20mm up to M8x30mm.

Model 32F PK
Duroplast female thumbscrew knob. Gloss black finish. Brass insert. Ø 18 / 22 / 26mm.
M4 up to M8.

Model 33F PK
Black gloss finish duroplast with brass insert. Ø 38 / 50mm.
M6 up to M8.

Model 33T PK
Black gloss finish duroplast, tapped right through and brass insert. Ø 38, 50, 60, 80mm. M6 up to M12.

Model 33M PK
Black gloss finish duroplast with zinc plated steel thread.
Ø 38 / 50 / 60mm.
M6x13mm up to M10x40mm.

Model 34F PK
Black gloss finish duroplast with brass insert. Ø 50mm. M8 up to M10.

Model 35D PK
Black matt finish nylon with spring clip to fit 6mm D-Shaft. Ø 40mm.

Model 36F PK
Black matt finish nylon with brass insert. Ø 50mm. M6.

Model 36M PK
Black matt finish nylon with zinc plated steel thread. Ø 50mm. M6x20mm up to M8x25mm.

Model 37M PK
Black matt finish nylon with zinc plated steel thread. Ø 28mm. M6x15mm or M6x25mm.

Model 38F PK NEW
Female thread butterfly wing knob. High impact resistant thermoplastic. Brass insert. Ø 32 / 45 / 60mm. M4 up to M10.

Model 38M PK NEW
Male thread butterfly wing knob. High impact resistant thermoplastic. Zinc plated or stainless steel male thread. Ø 32 / 45 / 60mm. M4x10mm up to M10x40mm.

Model 01F MK HD SS
Matt finish stainless steel with machined thread. Ø 40 / 50 / 60mm. M6 up to M12.

Model 01T MK HD SS
Matt finish stainless steel with tapped right through machined thread. Ø 40 / 50 / 60mm. M8 up to M12.

Model 02F MK HD SS
Matt finish pressed stainless steel with machined thread. Ø 40 / 50 / 60mm. M8 up to M12.

Model 03F MK HD
Highly polished aluminium with machined thread.
Ø 40 / 50 / 60mm.
M6 up to M12.

Model 03T MK HD
Highly polished aluminium with tapped right through machined thread. Ø 40 / 50 / 60mm.
M6 up to M12.

Model 04F MK HD SS
Highly polished stainless steel with machined thread. Ø 31mm. M6.

Model 05F MK HD SS
Matt finish stainless steel with machined thread.
Ø 25 / 36mm.
M6 up to M8.

Model 05M MK HD SS
Matt finish stainless steel with stainless steel thread.
Ø 25 / 36mm.
M6x20mm up to M10x40mm.

Model 06F MK HD SS
Matt finish stainless steel with machined thread.
Ø 45 / 57mm.
M6 up to M10.

Model 07F MK HD SS
Highly polished stainless steel with machined thread.
Ø 16 / 20 / 25 / 32 / 38 / 44 / 50mm.
M4 up to M10 threads.

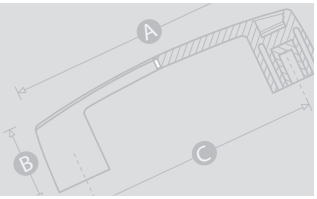
Model 07SF MK HD SS
Highly polished stainless steel with machined thread.
Ø 16 / 20 / 25 / 32 / 38 / 44mm.
4mm up to 10mm plain bore.

Model 08F MK HD
Highly polished aluminium with machined thread.
Ø 16 / 20 / 25 / 32 / 38 / 44 / 50mm.
M4 up to M10 threads.

Model 08SF MK HD
Highly polished aluminium with machined thread.
Ø 16 / 20 / 25 / 32 / 38 / 44mm.
4mm up to 10mm plain bore.

Bridge Handles & Pull Handles

Note: DBC measurement refers to ‘distance between centres’ of the plain bore or female threaded fixings.



Model 01V BH
Reinforced matt finish black nylon. Moulded bore, fixing from above. 93 / 117 / 132 / 179mm DBC. 6.5mm up to 8.5mm bore size. Coloured caps on request.

Model 01C BH
Reinforced matt finish black nylon. Threaded brass inserts, fixing from below. 93 / 117 / 132 / 179mm DBC. M6 up to M12. Coloured caps on request.

Model 02 BH
Reinforced matt finish black nylon. Moulded bore, fixing from above. 94 / 117 / 132 / 179mm DBC. 6.5mm up to 8.5mm bore size.

Model 03 BH
Reinforced matt finish black nylon. Moulded bore, fixing from above. 94 / 117 / 132 / 179 / 225mm DBC. 6.5mm up to 8.5mm bore size.

Model 04 BH
Reinforced matt finish black nylon. Threaded brass inserts. 117 / 160mm DBC. M5 up to M6.

Model 05 BH
Reinforced matt finish black nylon. Moulded bore, fixing from above. 117mm DBC. 8.5mm bore size.

Model 06 BH
Matt finish black Ultramid B3K. Moulded bore, fixing from above. 120 / 150mm DBC. 6.5mm bore size.

Model 07 BH
Reinforced matt finish black nylon. Threaded brass inserts. 94 / 117 / 120 / 132 / 150 / 179mm DBC. M5 up to M8.

Model 08C BH

Black powder coated aluminium. Machined threads. 100 / 112 / 128 / 160 / 192mm DBC. M6 up to M8.

Model 08V BH

Black powder coated aluminium. Plain bore, fixing from above. 116 / 132 / 164 / 196mm DBC. 6.4mm bore size.

Model 09 BH

Matt finish black Ultramid B3K. Moulded bore, fixing from above. 92 / 120 / 145mm DBC. 5.3mm up to 6.5mm bore size. Comes with cover caps.

Model 10 BH

Gloss finish black duroplast. Threaded brass insert. 113 / 150mm DBC. M6 to M8.

Model 11 BH

Polished chrome plated steel. Machined threads. 88 / 96 / 120 / 180 / 235mm DBC. M3 up to M5. Complete with dress rings.

Model 12 BH

Anodised silver aluminium. Machined threads. 100 / 125 / 130mm DBC. M6 thread.

Model 13 BH

Anodised black or natural aluminium. Machined threads. 55 / 88 / 120 / 180 / 235mm DBC. M5 thread. Complete with screws and washers.

Model 14 BH

Anodised black or silver aluminium. Machined threads. 55 / 88 / 100 / 120 / 180 / 235mm DBC. M5 thread.

Model 15 BH SS

Electro polished stainless steel. Machined threads. 195 / 300mm DBC. M6 thread.

Model 16 BH

Black/black or orange/black nylon. Two-part moulding with base and cap. Moulded bore and fixing from above. 96mm DBC. 6.5mm bore size.

Model 17 BH

Matt silver anodised aluminium. Machined thread. 2 x45mm / 2x60mm DBC. M6 thread.

Model 18 BH HD

Reinforced matt finish black nylon. Moulded bore fixing from above. 140mm DBC. 6.5mm bore size.

Model 19 BH

Highly polished chrome plated steel. Male thread. 100 / 120 / 180mm DBC. M10 thread.

Model 20 BH HD

Black reinforced nylon and silver metal tube. Moulded bore fixing from above. 210 / 250mm DBC. 10mm bore.

Model 21 BH SS

Highly polished stainless steel. Machined threads. Stainless steel fixing screws. 106mm DBC. M4 thread.

Model 22 BH

Powder coated aluminium. Machined threads. 192mm DBC. M4 thread.

Model 23 BH NEW

Highly polished chrome plated steel bow shaped bridge handle. 118 or 151mm DBC.

Model 24 BH NEW

Quick fit, one piece, snap-in flush fitting pull handle**.** Black, matt finish ABS. 93 or 139mm DBC.

Model 25 BH NEW

Quick fit, two piece, flush fitting. Compete with screws for assembly. Black, textured finish ABS. 124mm overall length.

Clamping Handles & Adjustable Tension Levers

Model 01F CH

Black or orange 15% glass filled nylon handle with brass insert. Black, red, orange or grey cap. 43 / 65 / 83 / 104mm length. M5 up to M16.

Model 01M CH

Black or orange 15% glass filled nylon handle with zinc plated steel thread. Black, red, orange or grey cap. 43 / 65 / 83 / 104mm length. M5x15mm up to M16x50mm.

Model 02F CH

Black or orange 15% glass filled nylon handle with brass insert. Black, red, orange or grey cap. 43 / 65 / 83 / 104mm handle length. M5 up to M16.

Model 02M CH

Black or orange 15% glass filled nylon with zinc plated steel thread. Black, red, orange or grey cap. 43 / 65 / 83 / 104mm length. M5x10mm up to M16x50mm.

Model 03F CH

Black or orange 15% glass filled nylon handle with blackened steel insert. Allen key fixing screw. 42 / 65 / 83mm length. M5 up to M12.

Model 03M CH

Black or orange 15% glass filled nylon handle with steel thread. Allen key fixing screw. 42 / 65 / 83mm length. M6x16mm up to M12x63mm.

Model 04F CH HD

Black or orange die cast zinc handle with blackened or stainless steel insert. Allen key fixing screw. 42 / 65 / 78 / 92 / 108mm length. M4 up to M16.

Model 04M CH HD

Black or orange die cast zinc handle with blackened or stainless steel insert. Allen key fixing screw. 42 / 65 / 78 / 82 / 108mm length. M5x16mm up to M16x40mm.

Model 05F CH HD SS

Stainless steel polished handle and stainless steel insert. Allen key fixing screw. 42 / 65 / 78 / 92 / 108mm length.
M5 up to M16.

Model 05M CH HD SS

Stainless steel polished handle and stainless steel thread. Allen key fixing screw. 42 / 65 / 78 / 92 / 108mm length.
M6x20mm up to M16x40mm.

Model 05F ATL

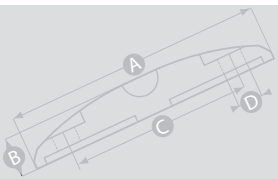
Blackened steel handles with duroplast knob and zinc plated steel insert. 96 / 110mm overall length. M8 up to M10.

Model 05M ATL

Blackened steel handles with duroplast knob and mild steel thread. 70 / 96 / 110mm overall length. M8x25mm up to M12x50mm.

Levelling Feet & Accessories

Note: Our levelling feet are listed here as assembled foot and rod combinations. These parts are also available as seperate components. **Other threaded rod lengths are available on request**.



Model 01 LF

Black glass reinforced nylon. Ø 40 / 45 / 50 / 60 / 80 / 100 / 120mm. M8 / M10 / M12 / M16 / M20 threaded rod. 25 / 40 / 45 / 60 / 66 / 70 / 80 / 90 / 100 / 125 / 150mm rod length.

Model 01BD LF

Black glass reinforced nylon. Ø 60 / 80 / 100mm. 6 / 9 / 9.5mm bolt-down bore size. M8 / M10 / M12 / M16 threaded rod. 70 / 80 / 100 / 125 / 150mm rod length.

Model 02 LF HD

Black die cast zinc. Ø 30 / 40 / 40 / 50 / 60 / 80 / 100 / 120mm. M8 / M10 / M12 / M16 / M20 / M24 threaded rod. 45 / 90 / 100 / 150mm rod length.

Model 02BD LF HD

Black die cast zinc.
Ø 60 / 80 / 100 / 120mm. M12 / M16 / M20 / M24 threaded rod. 100 / 150mm rod length.

Model 03 LF HD SS

Stainless steel. Ø 29 / 39 / 44 / 49 / 59 / 79 / 99 / 119mm. M8 / M10 / M12 / M16 / M20 / M24 threaded rod. 45 / 90 / 100 / 150mm rod length.

Model 03BD LF HD SS

Stainless steel. Ø 79 / 99 / 119mm.9mm bolt-down bore size. M12 / M16 / M20 / M24 threaded rod. 100 / 150mm rod length.

Model 04 LF

Black matt finish polypropylene base with zinc plated steel thread. Ø 25 / 38mm. M8x15mm, M8x24mm and M8x38mm thread.

Model 05 LF

Black matt finish polypropylene base with zinc plated steel thread. Ø 34mm. M8x38mm thread.

Model 01 TR SS

Zinc plated steel, stainless steel on request. 25mm to 250mm thread length. M8 up to M24. 15mm ball end.

Model 01 ASP

TPE Rubber anti-slip and anti vibration plate. Water and oil resistant. With or without holes. Ø 30 / 40 / 45 / 50 / 60 / 80 / 100 / 120mm.

Model 01SS TB SS

Black matt glass reinforced nylon. Stainless steel insert. 30 / 40 / 50mm. M10 up to M20.

Model 01NPB TB

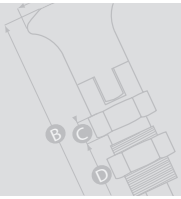
Black matt glass reinforced nylon. Nickel plated brass insert. 30 / 40 / 5 0mm. M8 up to M24.

Visit our website for more information

Featuring detailed material specifications, dimensions, weights, and MOQs. Utilise our online Quote Cart to request price and availability for your selection of components. Request 2D and 3D CAD files online.

Index Plungers & Cam Plungers

EXPANDED RANGE



Model 01 IP

Black matt finish knob, blackened steel body and locking nut. With or without a 90 degree locking rest position. M10x1.0mm up to M16x1.5mm thread.

Model 02 IP SS

Black matt finish knob, blackened steel or stainless steel body and locking nut. With a 90 degree locking rest position. M10x1.0mm up to M16x1.5mm thread.

Model 03 IP

Black matt finish knob and zinc plated steel fixing plate. With or without a 90 degree locking rest position. 6mm or 8mm plunger diameter.

Model 04 CP HD SS

Blackened steel or stainless steel body and locking nut. Plastic cap option. 8mm, 10mm or 12mm plunger diameter. M12x1.5mm or M20x1.5mm thread.

Model 05 IP

Zinc plated housing with stainless steel pin. With lift ring and locking nut. M6 up to M12. 4mm up to 8mm plunger diameter.

Model 06 IP SS

Blackened steel or stainless steel body. M3 up to M20. Slot for flat head screwdriver adjustment.

Model 07 IP

Zinc plated or stainless steel body. Zinc plated head. With or without a 90 degree locking rest position. M10x1.0mm up to M12x1.75mm. 6mm or 7mm plunger diameter.

Model 08 IP

Bright chrome or black powder coated finish aluminium and steel. 17mm knob diameter. M10 fixing thread. 6.2mm plunger diameter. 90 degree locking rest position.

Model 09 IP

NEW

Black matt finish knob, zinc plated steel body, stainless steel pin and spring. With or without rest position. M8 x 0.75mm up M10 x 1.0mm thread. 4, 5, 6, or 7mm plunger diameter.

Plastic Handles & T-Handles

Model 01F PH

Black matt finish nylon with brass insert. 40 / 50 / 60 / 71 / 80mm across. M5 up to M12.

Model 01M PH

Black matt finish nylon with zinc plated thread. 40 / 50 / 60 / 71 / 80mm across. M5x15mm up to M12x40mm.

Model 02F PH

Black matt textured duroplast with brass insert. 72mm across. M8 up to M10.

Model 02M PH

Black matt textured duroplast with zinc plated steel thread. 72mm across. M8x25mm up to M10x35mm.

Model 03M PH

Black matt finish nylon with zinc plated revolving steel thread. 55 / 67 / 77 / 87 / 97mm length. M6 up to M12.

Model 04M PH

Black gloss finish duroplast with zinc plated steel thread. Allen key adjustment. 95mm length. M8 up to M10.

Model 05F PH
Black matt finish nylon with moulded thread.
40 / 50 / 65 / 80 / 90mm length. M6 up to M12.

Model 05M PH
Black matt finish nylon with zinc plated thread.
40 / 50 / 65 / 80 / 90mm length. M6x10mm up to M12x20mm.

Model 05SF PH
Black matt finish nylon.
40 / 50 / 65 / 80 / 90mm length. 8mm up to 16mm (H9 tolerance) self fixing bore.

Model 06ST PH
Black matt finish nylon with zinc plated steel thread.
82 / 90mm length.
M10x17mm.

Model 06TA PH
Black matt finish nylon with zinc plated steel thread. Revolving and folding spring loaded thread. 50 / 70mm length.
M6x9mm and M8x10mm.

Model 07F PH
Black gloss finish duroplast with moulded thread.
60 / 80 / 100mm across.
M6 up to M12.

Model 08F PH
Black gloss finish duroplast with moulded thread.
40 / 60 / 80 / 95 / 110mm.
M6 up to M12.

Model 08M PH
Black gloss finish duroplast with zinc plated steel thread.
40 / 60 / 80 / 95 / 110mm.
M5x5mm up to M12x20mm.

Model 08CB PH
Black gloss finish duroplast with moulded clearance bore.
40 / 60 / 80 / 95 / 110mm.
5mm up to 12mm bore size.

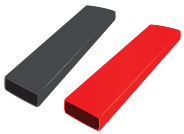
Model 09 PH
Black gloss finish duroplast with revolving zinc plated steel thread. 21 / 25mm. M8x12mm up to M12x23mm.

Model 01 PG

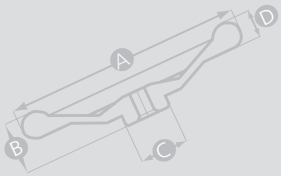
Gloss red or black flexible PVC. 85 / 95 / 110 / 115mm length. 19mm up to 25mm bore size.

Model 02 PG

Gloss red or black flexible PVC. 75 / 80 / 160 / 180mm length. 5x20mm, 5x24mm or 5x25mm bore size.



Plastic & Metal Handwheels



Model 01 HW

Black matt finish nylon with zinc plated steel insert. Ø 100 / 125 / 150 / 175 / 200mm. Pilot bore machinable up to 16mm or 20mm bore.

Model 01H HW

Black matt finish nylon with zinc plated steel insert. Revolving fixed handle. Ø 100 / 125 / 150 / 175 / 200mm. Pilot bore machinable up to 16mm or 20mm bore.

Model 01FH HW

Black matt finish nylon with zinc plated steel insert. Revolving folding handle. Ø 100 / 125 / 150 / 175 / 200mm. Pilot bore machinable up to 16mm or 20mm bore.

Model 01FFH HW

Black matt finish nylon with zinc plated steel insert. Revolving flush folding handle. Ø 80 / 100 / 125 / 150 / 175 / 200mm. Pilot bore machinable up to 20, 22 or 28mm bore.

Model 02 HW

Black matt finish nylon with zinc plated steel insert. Ø 100 / 130 / 160 / 200 / 250mm. Pilot bore machinable up to 16mm or 20mm bore.

Model 02H HW

Black matt finish nylon with zinc plated steel insert. Revolving fixed handle. Ø 100 / 130 / 160 / 200 / 250mm. Pilot bore machinable up to 16mm or 20mm bore.

Model 02FH HW
Black matt finish nylon with zinc plated steel insert. Revolving folding handle. Ø 130 / 160 / 200 / 250mm. Pilot bore machinable up to 16mm or 20mm bore.

Model 02FFH HW
Black matt finish nylon with zinc plated steel insert. Revolving flush folding handle. Ø 130 / 160mm. Pilot bore machinable up to 16mm or 20mm bore.

Model 03S HW HD
Black gloss finish pressed steel with machined bore and keyway. Ø 125 / 200 / 250mm. 11 / 14 / 17mm bore.

Model 03SS HW HD SS
Matt finish pressed stainless steel with machined bore and keyway. Ø 200 / 250mm. 14 / 17mm bore.

Model 04 HW HD
Polished die cast aluminium with machined bore and keyway. Ø 125 / 140 / 160 / 200mm. 12 / 14 / 18mm bore. Duroplast rotating handle.

Model 06 CR HD
Cast iron crank with polished steel side handle and square fixing hole. 100 / 125 / 160 / 200mm overall length. 12mm up to 19mm square bore size.

Model 07 CR
Black matt finish nylon with brass insert and revolving fixed side handle. 65 / 80 / 110 / 140 / 185mm overall length. M8 up to M16.

Model 08 CR
Black matt finish nylon with brass insert and indexing mechanism. Folding and revolving side handle. 65 / 80 / 110mm overall length. M8 up to M16.

Modifications are our speciality

Extensive manufacturing capabilities allow us to offer cost-effective bespoke and modified product solutions. Our in-house engineers work with you to select the most suitable manufacturing process, material and finish to meet your specific requirements.

Model 09 CR

Black matt finish nylon. With brass insert. Folding and revolving side handle. 65 / 80 / 110 / 140 / 185mm overall length. M8 up to M16.

Plastic & Metal Hinges

Model 01 HI

Black or white acetal polymer with zinc plated steel countersunk screw. Adjustable tension. 43 / 65mm length. 5.2mm up to 5.5mm hole size.

Model 02 HI

Black nylon with mild steel zinc plated pin and brass insert. 30 / 54mm length. M5 up to M6.

Model 03 HI

Black nylon with mild steel zinc plated pin. 48 / 64mm length. 7mm bore size.

Model 04 HI SS

Stainless steel 304 hinge and quick release pin with nylon washers. 82mm length. 92mm width. 6mm square bore. 400N radial load.

Model 05 HI SS

Stainless steel 304 hinge and quick release pin with nylon washers. 82mm length. 184mm width. 6mm square bore. 400N radial load.

Model 06 HI

Powder coated die cast aluminium positioning hinge with stainless steel 304 pin. 38mm length. 40mm width. 4.5mm bore size. 1100N radial load. 0.4Nm hinge torque.

Model 07 HI

Powder coated die cast zinc hinge with stainless steel 316 pin. 40 / 50mm length & width. 5.2 / 6.4mm bore size. 1250 / 1300N radial load.

Model 08 HI

Black matt thermoplastic in-line removable lift-off hinge. 83mm length. M6x6mm. 220N radial load.

Model 09 HI

Black matt thermoplastic offset removable lift-off hinge. Left / Right. 62 / 83mm length. M5 / M6x10mm. 170 / 220N radial load.

Model 10 HI

Powder coated die cast zinc in-line removable lift-off hinge. 63mm length. M5x4.5mm. 400N radial load.

Model 11 HI

Powder coated die cast zinc offset removable lift-off hinge. Left / Right. 64mm length. M5x15mm. 400N radial load.

Model 12 HI

Powder coated die cast zinc adjustable removable in-line lift-off hinge. Bolt down. 96mm length. M5x11mm. 510N radial load.

Model 13 HI

Black matt thermoplastic with snap-on caps. Bolt down. 49mm length. 45mm width. 4.5mm hole size. Free swinging / triple-detente (0°, 120° & 170°). 150N radial load.

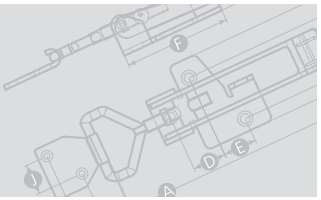
Model 14 HI

Black matt thermoplastic with snap-on caps. Bolt down. 51mm length. 57mm width. 5.2mm hole size. Free swinging / single-detente (80° / 115 or 150°). 450N radial load.

Mature supply chain & distribution

Our supply chain has been operating successfully for well over a decade. Consolidated weekly air-freight and bi-weekly sea-freight from international manufacturing locations ensure consistent and reliable stock levels. Stocked items are available in the UK for next day delivery and worldwide in just two to six working days.

Locks, Latches & Vents



Model 01 BB

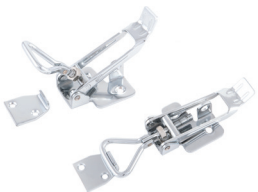
Polished chrome plated brass. 29mm wide. 52mm long bolt plus 20mm long catch. 4mm countersunk holes.

Model 02 BB

Polished chrome plated brass. 34mm wide. 72mm long bolt plus 30mm long catch. 4mm countersunk holes.

Model 01 ML SS

Polished stainless steel 304. 60mm wide. 159-185mm latch with catch. 7mm countersunk holes.



Model 02 ML SS

Polished stainless steel 304. 26.5mm wide. 65-79mm latch with catch. 6mm countersunk holes.

Model 01 MV SS

Polished stainless steel 304. 230mm width. 115mm height. 4mm holes.

Model 02 MV SS

Polished stainless steel 304. 67 / 115 / 228mm height. 127mm width. 4mm holes.

Model 03 ML SS

Stainless steel 304 sprung toggle latch with or without hole for lock. Complete with catchplate. 57-103mm latch with catch.

Model 04 ML SS

Stainless steel 304 variable sprung toggle latch with or without hole for lock, and with or without extension plate. Complete with catchplate.

Model 05 ML SS

Stainless steel 304 sprung toggle latch. 69-119mm latch length. No catch.

Model 06 ML

Die cast zinc, quick open, easy assembly lever-arm compression latch. Screw adjusts for variable mounting distance. Locking version complete with key.

Model 07 ML

Die cast zinc, cam quarter-turn to open or close with locking function. Includes allen key. Adjutable or non-adjustable type available. IP54.

Model 08 ML

Chrome plated diecast zinc 90° cam action lock. Available with square and key or slot. IP54.

Model 09 ML NEW

Chrome plated diecast zinc 90° cam action lock. Available with square and key or slot. IP54.

Model 10 ML NEW

Chrome plated diecast zinc 90° cam action lock with key. Suitable for left and right handed installation. IP54.

Model 01 PL

High impact resistant thermoplastic screw-in grabber latch. Push to close, pull to open latch with spring loaded over centre action. Choice of three grab strengths.

Model 02 PL

ABS polycarbonate housing, high impact resistant thermoplastic keeper. Spring loaded, over-centre latches. Catch snaps into frame. Pull to open.

Model 03 PL

5% glass filled PA66. Snap-in slide latch with 6mm slide movement. Simple snap-in installaton. Available in white or black.

Model 04 PL

Polycarbonate automatic lock with push button opening. Includes 2x keys, catcher and handle pull. Hex shape screw down pressure plate.

Notes

Rencol
MANUFACTURING

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Intelligent, cost effective custom manufacturing

Our custom manufacturing services are driven by British engineering expertise, produced by trusted Chinese partners, and delivered via our reliable global supply chain. This unique combination is the secret of our outstanding quality and affordability.

At Rencol Manufacturing we offer expert custom manufacturing at superb prices. Our teams in the UK, US and China provide intelligent support throughout your project, from optimising design concepts to prototyping, tooling, mass production and logistics.

We're able to work with a wide range of processes, from plastic injection moulding to die casting and CNC machining. You can depend on us to deliver precisely what you need – on time, on price and on spec.

What we do

- **Plastic injection moulding**
- **Metal injection moulding**
- **Die casting**
- **Stamping & pressing**
- **CNC machining**
- **Hot & cold forging**
- **Prototyping**
- **Tooling fabrication**

Our Distributor Network

Our components are also available through a network of UK and worldwide distributors.
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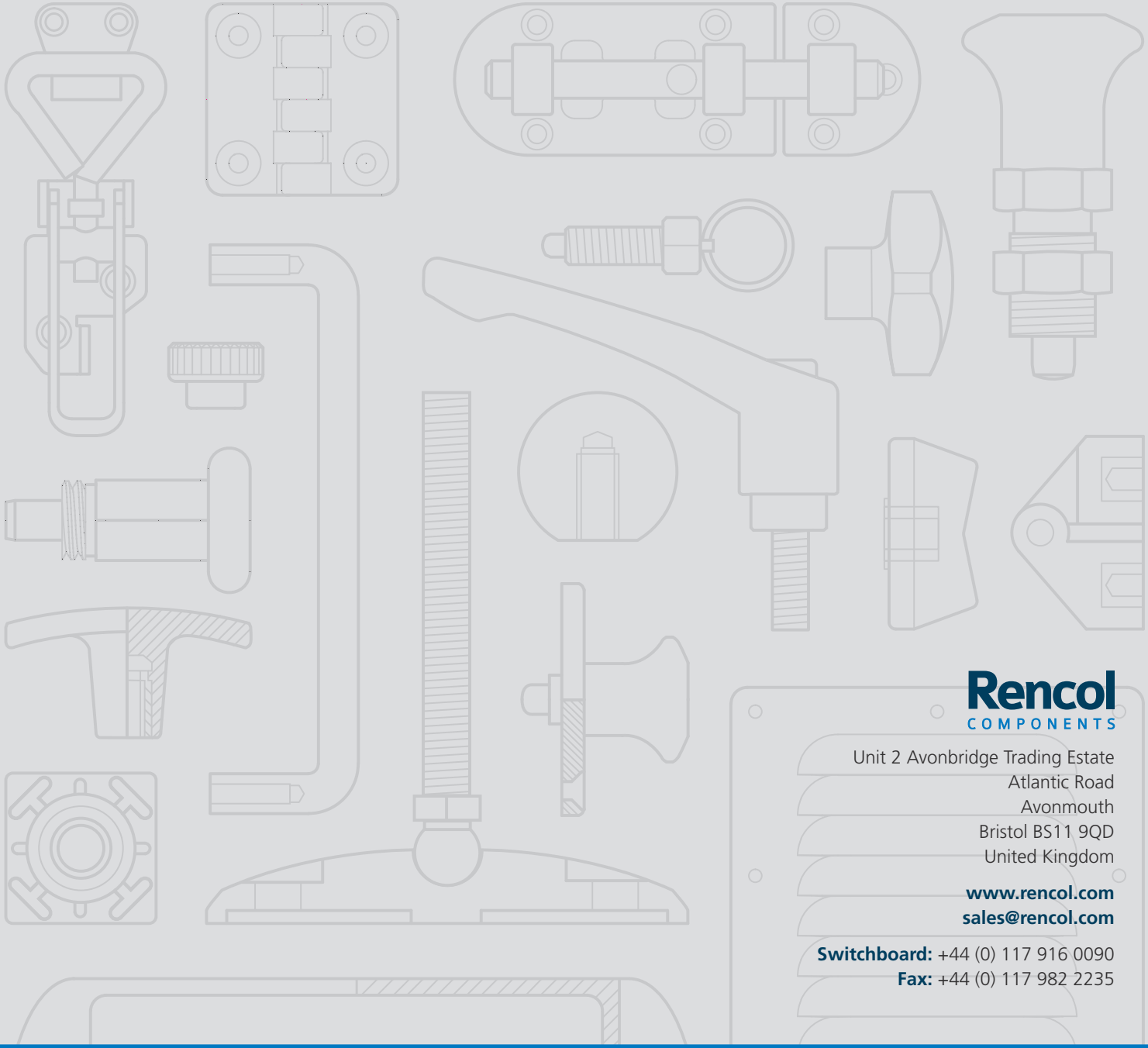

Rencol
COMPONENTS

Unit 2 Avonbridge Trading Estate
Atlantic Road
Avonmouth
Bristol BS11 9QD
United Kingdom

www.rencol.com
sales@rencol.com

Switchboard: +44 (0) 117 916 0090
Fax: +44 (0) 117 982 2235