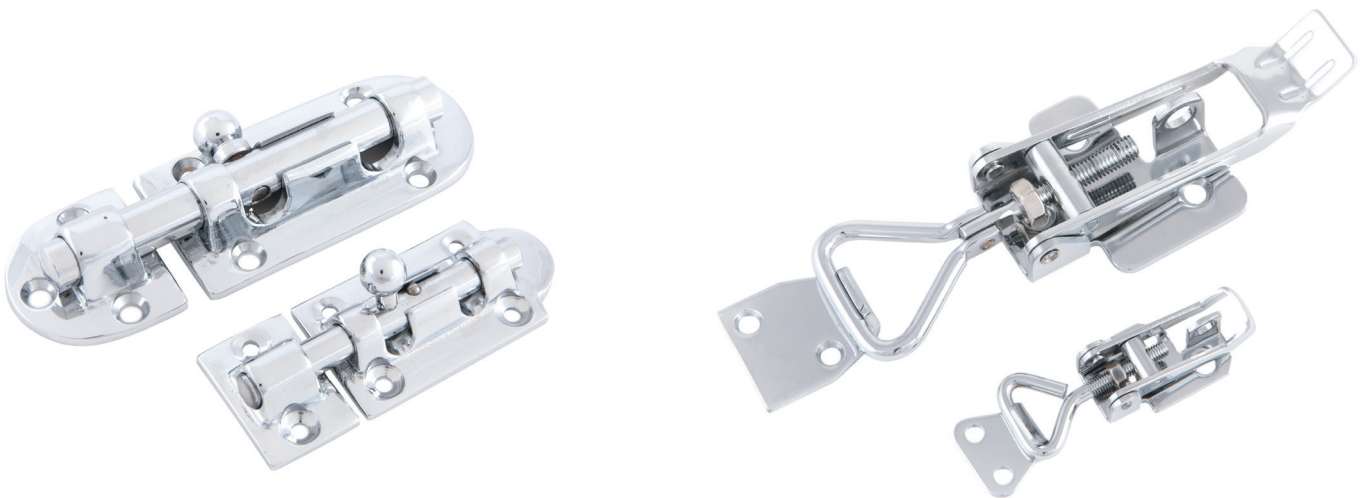


Rencol

COMPONENTS

INDUSTRIAL MANUFACTURING SINCE 1923



Rencol

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INDUSTRIAL MANUFACTURING
SINCE 1923

*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

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Website: www.rencol.com

Office opening hours:









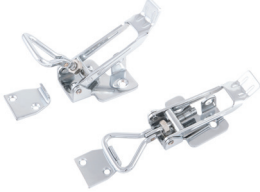








Monday to Friday

8.30 AM to 5.00 PM (GMT)



Nick Dowden, 30 years with Rencol.
Customer Service Manager

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Technical Specifications & Key

Thermoplastic

Material: Nylon 6 + Polypropylene (PP)
Working temperatures: Nylon up to 130°C peak and 80°C continuous use. Polypropylene maximum 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: $\pm 0.1\text{mm}$ (0.004in)

Outside dimensions: $\pm 0.5\text{mm}$ (0.020in)

Male thread length: $\pm 1\text{mm}$ (0.040in)

Key

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



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

Description

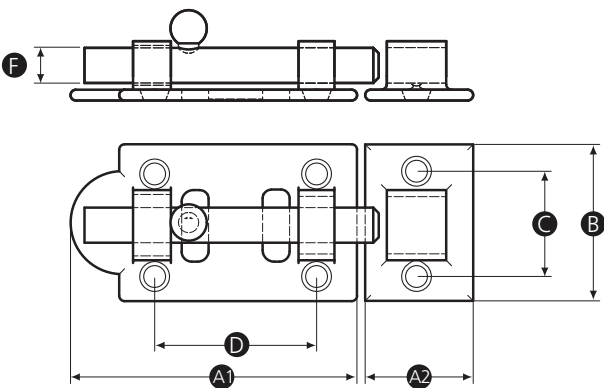
Two-part locking chrome plated barrel bolt

Material

Chrome plated brass

Finish

Polished



Part No.	A1	A2	B	C	D	E	F	Hole size
15434P	52	20	29	19	30	-	6.5	4

Description

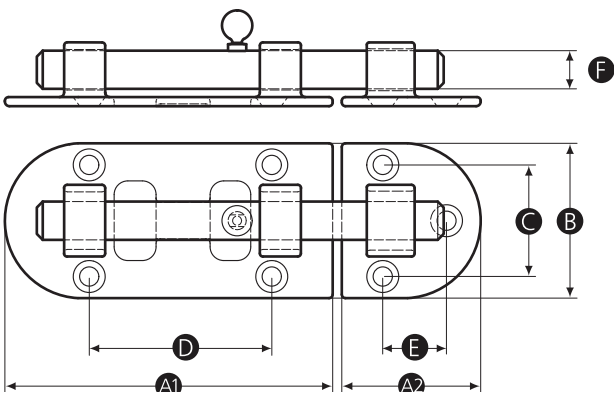
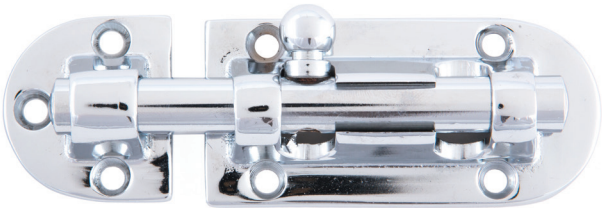
Two-part locking chrome plated barrel bolt

Material

Chrome plated brass

Finish

Polished



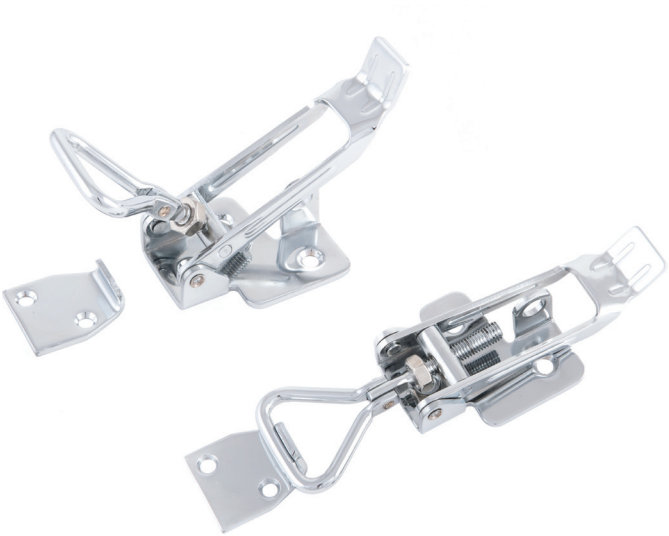
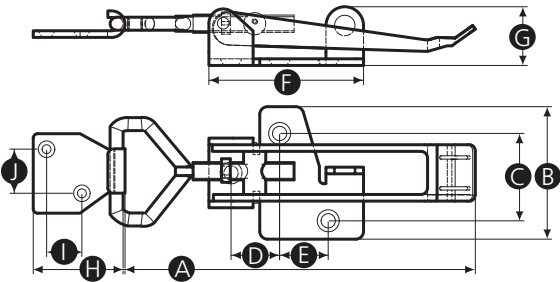
Part No.	A1	A2	B	C	D	E	F	Hole size
15433T	72	30	34	24.5	40	14	8.5	4

SS

Description
Stainless steel adjustable latch

Material
Stainless steel 304

Finish
Polished



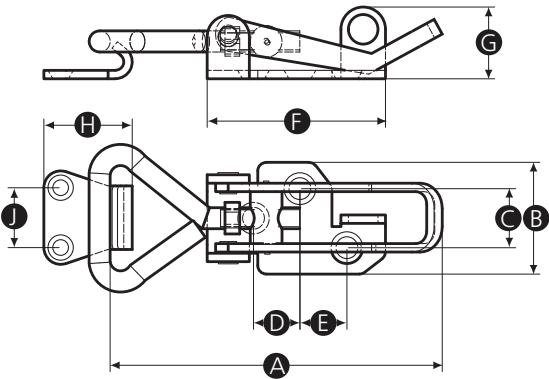
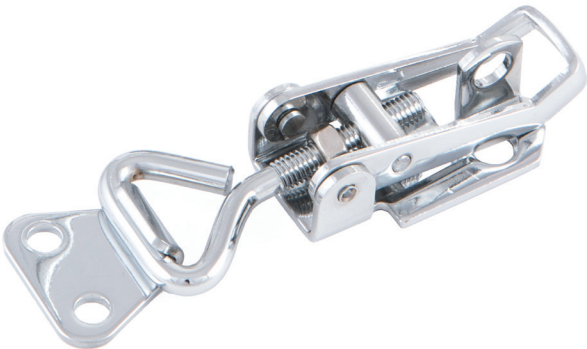
Part No.	A	B	C	D	E	F	G	H	I	J	Hole size
15429Y	159-185	60	34	22	22	70	27	40	16	20	7

SS

Description
Stainless steel adjustable latch

Material
Stainless steel 304

Finish
Polished



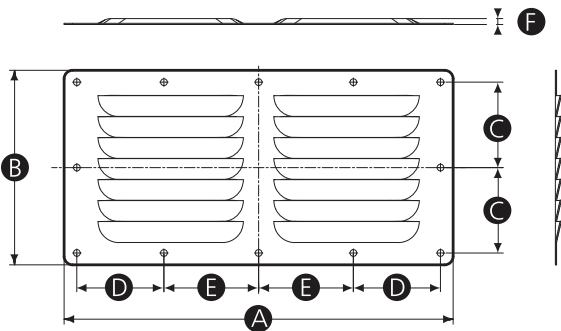
Part No.	A	B	C	D	E	F	G	H	I	J	Hole size
15430U	65-79	26.5	14	11	11	42	17	21	-	14	6

SS

Description
Polished double vent

Material
Stainless steel 304

Finish
Electrolytic polish



Part No.	A	B	C	D	E	F	Hole size
15426Z	230	115	50.5	51.5	56	3.5	4

SS

Description

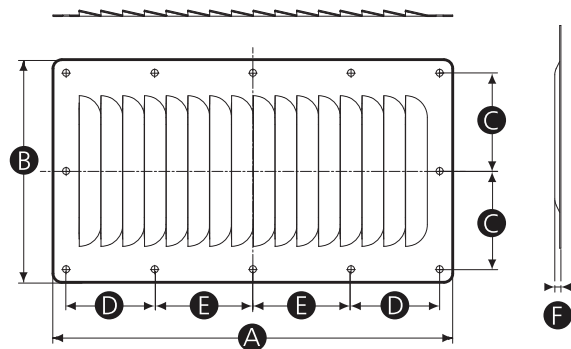
Polished single vent

Material

Stainless steel 304

Finish

Electrolytic polish



Part No.	A	B	C	D	E	F	Hole size
15428R	127	67	53.5	56	-	3.5	4
15427V	127	115	50.5	56	-	3.5	4
15425S	228	127	56	50.5	56	3.5	4

Modifications & Custom Components

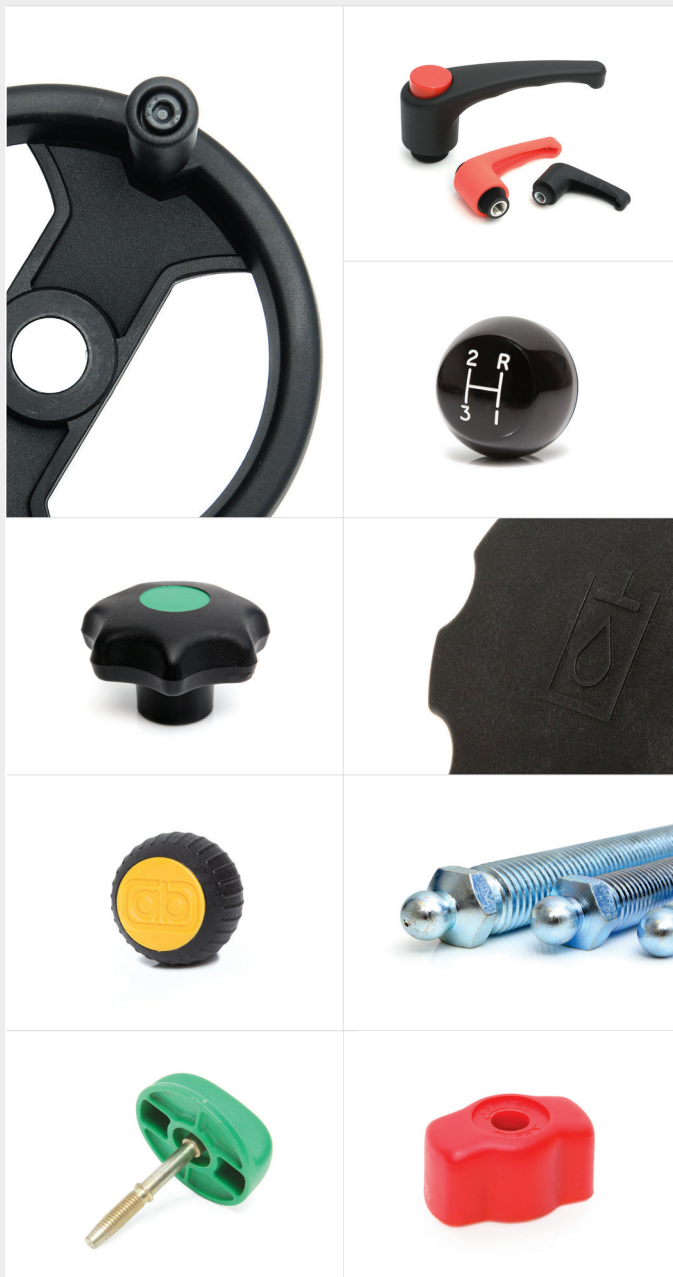
Diverse manufacturing capabilities and experienced on-site technical personnel allows Rencol Components to offer a wide range of product modifications and custom product solutions. We regularly adapt standard components or manufacture custom products to suit our customers' specific requirements. New 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





Rencol COMPONENTS

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