



Rencol

COMPONENTS

NEW
Products
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INDUSTRIAL MANUFACTURING SINCE 1923



Industrial manufacturing since 1923

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 knobs, handles and handwheels.

Today, Rencol continues 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.
- Our personnel are experienced, knowledgeable and committed to our customers.

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.



Modifications & Custom Components

Diverse manufacturing capabilities and experienced on-site technical personnel allow 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)

Technical Specifications

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, diluted 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, diluted alkalines, 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 zinc blue-passivated.

Stainless Steel

Material: BS970 303-S31. Standard grade is 304. For medical, catering or marine use recommended grade is 316 - has high chloride resistance.

Aluminium

Grades are 3061 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)



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

Key

-  Colour options
-  Heavy Duty
-  Stainless Steel
-  Soft Touch TPE over mould
-  Visible (fixing from above)
-  Concealed (fixing from below)

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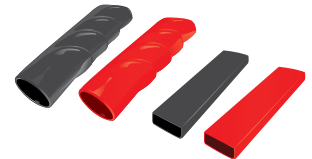
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Plastic & Metal Knobs

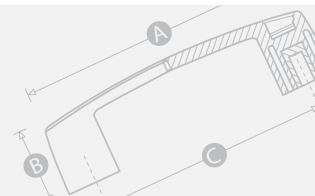
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Bridge Handles & Pull Handles

Please 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. 93.4 / 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. 93.4 / 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. 93.5 / 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. 93.5 / 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 C

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

**Model 08V BH V**

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

**Model 09 BH V**

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 C**

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

**Model 11 BH C**

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

**Model 12 BH C**

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

**Model 13 BH C**

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

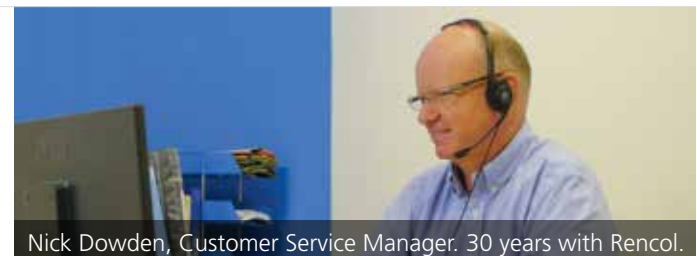
**Model 14 BH C**

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



Customer service you can rely on

Our experienced and friendly customer service team can guide you through pre-purchase options and provide up-to-date information on manufacturing and shipping schedules. Perhaps you need advice on the best component for your application? Or a bespoke solution? Our team is here to help!



Nick Dowden, Customer Service Manager. 30 years with Rencol.

Model 15 BH  

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. 95.5mm
DBC. 6.5mm bore size.

**Model 17 BH** 

Matt silver anodised
aluminium. Machined thread.
90 / 120mm DBC.
M6 thread.

**Model 18 BH**  

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

**Model 19 BH** 

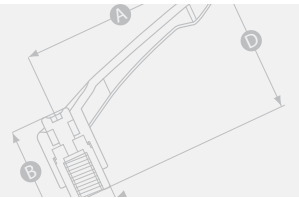
Highly polished chrome plated
steel. Male thread.
100 / 120 / 180mm DBC.
M10 thread.

**Model 20 BH**  

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

**NEW**

Clamping Handles & 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 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 steel thread. 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.



NEW

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.



NEW

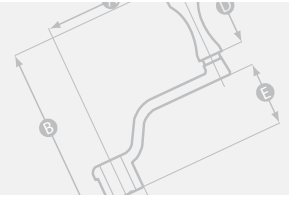
Experience & flexibility

Experienced on-site personnel in the UK, USA & China, combined with access to a wide range of manufacturing processes enable us to you offer great flexibility in product development, supply chain management and international shipping.



Shayne Sanders, Technician. 36 years with Rencol.

Cranking Handles & Adjustable Levers



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.



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.



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.

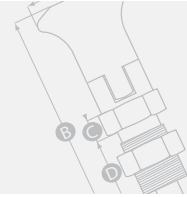


Mature supply chain & distribution

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.



Index Plungers & Cam Plungers



Model 01 IP

Black matt finish knob, burnished 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, burnished 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**

Burnished steel or stainless steel body and locking nut. Plastic cap an option. 8mm up to 12mm plunger diameter. M20x1.5mm thread size.



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**

Burnished 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

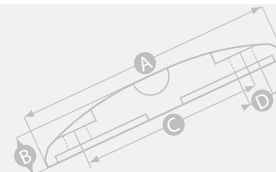
Bright chrome or black powder coated finish aluminium and steel. 17mm knob diameter. M10 fixing thread. 6.2mm plunger diameter. 90 degree locking rest position.



Levelling Feet & Accessories

Please note:

Our levelling feet are listed here as components but are also available as assembled combinations.



Model 01 LF

Black glass reinforced nylon.
Ø 30 / 40 / 45 / 50 / 60 / 80 /
100 / 120mm. 15mm ball
socket.



Model 01BD LF

Black glass reinforced nylon.
Ø 60 / 80 / 100 / 120mm.
6 / 9 / 9.5mm bolt-down bore
size. 15mm ball socket.



Model 02 LF **HD**

Black die cast zinc.
Ø 29 / 39 / 44 / 49 / 59 / 79 /
99 / 119mm. 15mm ball
socket.



Model 02BD LF **HD**

Black die cast zinc.
Ø 59 / 79 / 99 / 119mm.
9mm bolt-down bore size.
15mm ball socket.



Model 03 LF **HD SS**

Stainless steel.
Ø 29 / 39 / 44 / 49 / 59 / 79
/ 99 / 119mm. 15mm ball
socket.



Model 03BD LF **HD SS**

Stainless steel.
Ø 79 / 99 / 119mm.
9mm bolt-down bore size.
15mm ball socket.



Model 04 LF

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



NEW

Model 05 LF

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



NEW

Model 01 TR

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

Black matt glass reinforced nylon. Stainless steel insert. 30 / 40 / 50 / 60mm. M10 up to M20.

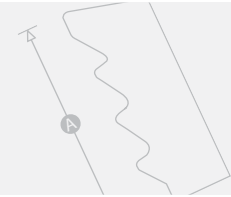


Model 01NPB TB

Black matt glass reinforced nylon. Nickel plated brass insert. 30 / 40 / 50 / 60mm. M8 up to M24.



PVC Handle Grips



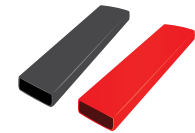
Model 01 PG

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 or 5x25mm bore size.



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.



Plastic & Metal Handwheels



Model 01 HW

Black matt finish nylon with zinc plated steel insert. \varnothing 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. \varnothing 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. \varnothing 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. \varnothing 80 / 100 / 125 / 150 / 175 / 200mm. Pilot bore machinable up to 16mm or 20mm bore.



Model 02 HW

Black matt finish nylon with zinc plated steel insert. \varnothing 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. \varnothing 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. \varnothing 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. \varnothing 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 / 160 / 200 / 250mm. 11 / 12 / 14 / 17mm bore.

**Model 03SS HW HD SS**

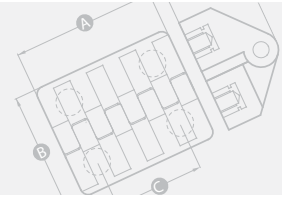
Matt finish pressed stainless steel with machined bore and keyway. Ø 160 / 200 / 250mm. 12 / 14 / 17mm bore.

**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.



Plastic 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**

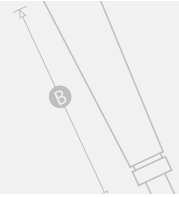
Black nylon with mild steel zinc plated pin and brass insert. 30 / 54mm length. M5 up to M6.

**NEW****Model 03 HI**

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

**NEW**

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. 65 / 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. M6 up to M12.



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.
M6x17mm and M8x17mm.



Model 06TA PH

Black matt finish nylon with zinc
plated steel thread. Revolving
and folding spring loaded
thread. 50 / 70mm length.
M8x17mm and M10x17mm.



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.
M5 up to M12.



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.

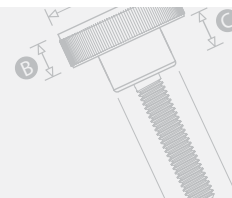


Modifications are our speciality

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.



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 M12x40mm.

**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 / 60 / 80mm. M6x10mm up to M16x50mm. 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 M10.

**Model 09M PK**

Black matt finish nylon with zinc plated steel thread.
Ø 26 / 32 / 40mm.
M5x10mm up to M8x40mm.

**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 / 27 / 32 / 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 24F PK**

Black matt finish nylon with
brass insert.

Ø 15.5 / 20.5mm.

M4 up to M5.

**Model 24M PK**

Black matt finish nylon with
zinc plated steel thread.

Ø 15.5 / 20.5mm.

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 M8.

**Model 26M PK**

Graphite grey matt finish nylon
with zinc plated steel thread.

Ø 20 / 25 / 30mm.

M4x10mm up to M8x40mm.



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 29SAI PK**

Red, grey or black spun matt finish acetal thermoplastic with push-fit assembly to socket head screws.
 Ø 10 / 13 / 16 / 19 / 26mm. #6 up to #10 and 0.25in up to 0.3125in.

**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 30SAI PK**

Red, grey or black textured matt finish acetal thermoplastic with push-fit assembly to socket head screws. Ø 38mm. 0.25in up to 0.375in.

**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 31SAI PK**

Red, grey or black textured matt finish acetal thermoplastic with push-fit assembly to socket head screws. Ø 26 / 30 / 38 / 45mm. #10 and 0.25in up to 0.375in.

**Model 32M PK**

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

**NEW**

Model 33F PK

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

**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.

**NEW****Model 36M PK**

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

**NEW****Model 37M PK**

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

**NEW****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 07 MK HD SS**

Highly polished stainless steel with machined thread or plain bore. Ø 16 / 20 / 25 / 32 / 38 / 44 / 50mm. M4 up to M10 threads.
 4mm up to 10mm plain bore.

**NEW****Model 08 MK HD**

Highly polished aluminium with machined thread or plain bore. Ø 16 / 20 / 25 / 32 / 38 / 44 / 50mm. M4 up to M10 threads.
 4mm up to 10mm plain bore.

**NEW****Beyond knobs, handles and handwheels!**

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