



Buyer's Guide

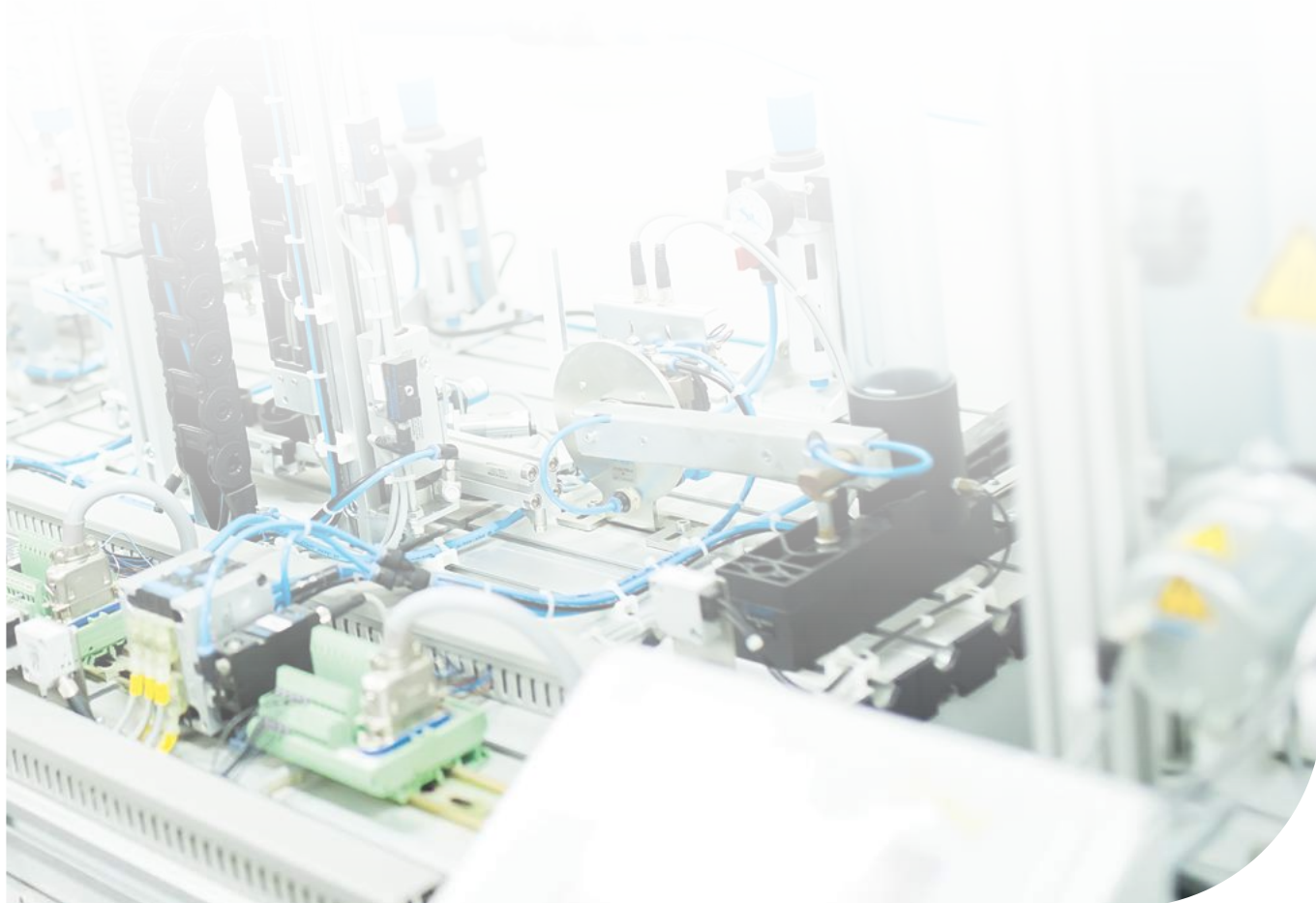
A QUICK GUIDE TO **FASTENERS**

THE SOLUTIONS YOU NEED, TO MAKE YOUR JOB **EASIER**

With so many fasteners out there, how do you know which one is the most cost effective while giving you the performance you need?

It comes down to understanding the fastener types and [materials](#). This guide is designed to give you an introduction. We'll offer expert advice on the best fastener for your application. You can also learn more from our [Quick Guide to Panel Fasteners](#).

We recommend that you try before you buy with [free samples](#). You can also download free [CADs](#) to help with your design. Whatever you order, you can depend on fast despatch.



SCREWS

Your best bet for securely fastening vital components. When properly applied, high-quality screws ensure that your product is held together through rigorous use. Consider plastic fasteners. They're lightweight, have good chemical resistance and some can withstand high temperatures. From binder machine screws and fillister machine screws to plastic thumb screws in different materials, we can help.

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CONSUMER ELECTRONICS
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SPECIALIST VEHICLES
RETAIL DISPLAYS

FEATURES

A range of head and drive types to choose from: [Countersunk](#), [Binder](#), [Cheese Head](#), [Pan](#), [Fillister](#), [Phillips](#), [Socket Head](#), [Oval](#), [Flat Head](#), [Thumb Screws](#), [Hex Head](#) and [Slotted](#)

MATERIAL

Material options include Nylon, Heat-Stabilised Nylon, Glass-Filled Nylon, Acetal, Polycarbonate, PEEK®, Nylon/Steel, Carbon Steel and Polyurethane, PPS and RENY suitable for different applications

SPECIFICATION

A variety of thread sizes available with a wide range of lengths

NATURAL NYLON SLOTTED CHEESE MACHINE SCREW

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- Slotted cheese head machine screw
- Head is not seen
- Cylindrical outer edge



MACHINE SCREWS - PAN

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- Pan head machine screw
- Disk style head with chamfered outer edge



KNURLED THUMB SCREWS - SLOTTED/PLASTIC

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- Nylon plastic knurled head thumb screws
- Easy to apply and fasten
- Ideal for use in restricted spaces



HEX HEAD SCREW

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- Ideal fasteners for mechanically securing materials
- Lightweight and resistant to corrosion, oil, abrasion and most chemicals



SOCKET HEAD CAP SCREWS - PLASTIC STANDARD HEAD

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- Lightweight socket head cap screw
- Resists corrosion, oil, abrasion and most chemicals
- Enables driving when space is lacking for wrenches or sockets
- Machine parts, die fixturing and clamping



SHOULDER SCREWS - PHILLIPS

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- Used with VG series vibration grommets



NUTS

When you're using bolts, you need the right nuts to keep your product assembled as they should be. Our solutions provide a range of choices, from button thread nuts (also called kwik nuts) and nylon grommet nuts to knurled thumb nuts and plastic wing nuts.

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Choose from different types for specialised and standard needs, including [Hex Nuts](#), [Dome Nuts](#) (also called Cap Nuts), [Wing Nuts](#), [Grommet Nuts](#) and [Thumb Nuts](#)

MATERIAL

A diverse range of materials for the job at hand, including Nylon, PEEK®, Polycarbonate, PP and Copolyester

SPECIFICATION

Various thread sizes available with a wide range of lengths and different shapes for easy installation in various applications

STANDARD HEX NUTS - PLASTIC

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- Hex nut with flat sides – easy to tighten and loosen with tool



DOME NUTS - NYLON

[View online](#)

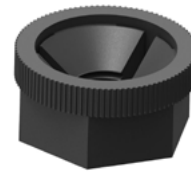
- Dome nuts (also known as cap nuts) are ideal for covering and protecting a bolt or screw that sits proud of your application



KWIK NUTS

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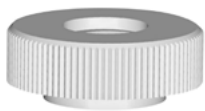
- Kwik nuts (also called jam nuts) press-fits over threaded stud and locks with 180° turn



THUMB NUTS - PLASTIC ROUND

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- Thumb nut with knurled grip
- Easy application and quick tightening – no tools required
- Available in conical or standard designs



WING & FLY NUTS - PLASTIC WING NUTS

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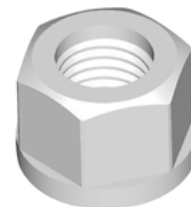
- Wing nut with thumb tabs provide extra grip for easy turning and securing into position
- Tool-less application



LOCK NUTS - PLASTIC

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- Flange and lock nut prevents loosening with excellent anti-vibration properties



CAGE NUTS

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- Square nut in a spring steel cage
- Suitable for securing hard-to-access areas, e.g., rack and vertical applications found in automated production lines
- Easy to apply and remove without a tool

RIVETS & PUSH FASTENERS

Quick fitting fasteners for temporary and permanent applications save valuable time. With quicker application times, your operations can work faster and increase productivity. We can help with rivets that range from plastic push rivets to solid rivets.

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Vast number of rivet types available, such as [One-Piece and Pre-Driven Push](#), [Snap](#), [Snap Lock](#), [Fir Tree](#) and [Expansion](#) rivets

MATERIAL

Available in LDPE, Nylon, PP, Acetal and more, providing heat stability and UV resistance for different environments

SPECIFICATION

Options vary, including head diameter, compatible hole diameter and panel thickness solutions

SNAP RIVETS – BARBED

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- Snap rivets act as two-part fasteners with teeth that grip together for a quick fastening
- Available with or without a slotted head for extra grip when tightening



DRIVE RIVETS

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- Drive rivets provide snug, secure fit
- Mandrel driven in with hammer to flare out the end of rivet that's inside the hole



PUSH-IN RIVETS – PUSH-IN FASTENERS

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- Nylon push rivets
- Cost-effective option easily installed by hand
- May also be used as hole plug or as push-in bumpers



QUARTER-TURN PANEL FASTENERS

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- Quarter-turn fasteners join together one fixed and one removable panel
- Preassembled to reduce hardware and cost



PUSH-IN RIVETS – BARBED

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- Barbed rivets – also called fir tree rivets – ensure fast and easy installation
- Securely hold different materials, including metal, foam, rubber and plastic



PUSH-IN RIVETS – REMOVABLE

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- Removable plastic rivets by pulling pin's side taps
- Push rivets snap in by hand
- Allow blind side fastening
- Pin and grommet provided separately
- Can be used in round or square hole



WASHERS

Washers are essential to keep your product held together. Maintain quality by using washers at entry points to distribute the load and stop wear on bolts and screws. Choose from nylon flat washers, sealing washers and so much more. [You can also learn more with our guide, When to use Plastic Washers.](#)

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Washer types available include [Flat](#), [Lock](#), [Retaining](#) and [Shoulder Washers](#)

MATERIAL

Plastic and metal washers with unique properties for every application. Your choices include Nylon, Polycarbonate, PVC, PP, Acetal and more

SPECIFICATION

Inside and outside diameters and thicknesses available for an array of compatible screw sizes

FLAT WASHERS - PLASTIC

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- Flat washer insulates against moisture and electricity
- Resists corrosion, abrasion and most chemicals
- Also provides cushioning and spacing



SPRING WASHERS

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- Used to eliminate rattles, take up tolerance variables and provide accurate spacing and tension
- May be used singly in parallel, in series or in series parallel for a wide range of deflection and load capacity



FINISHING WASHERS

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- Finishing washers with good insulation properties
- High-quality finish
- Protection against damage



SHOULDER WASHERS

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- Impervious to moisture, dirt and most chemicals
- Self-lubricating and resistant to corrosion and abrasion



RETAINING WASHERS

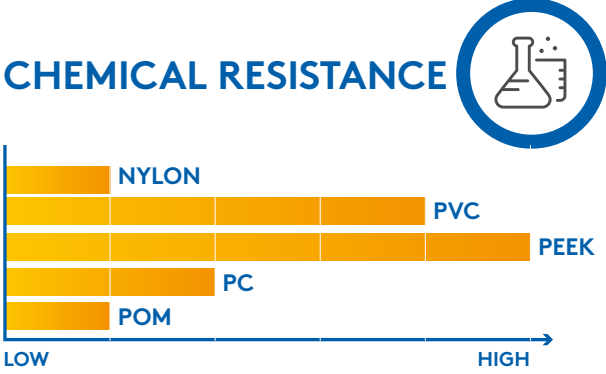
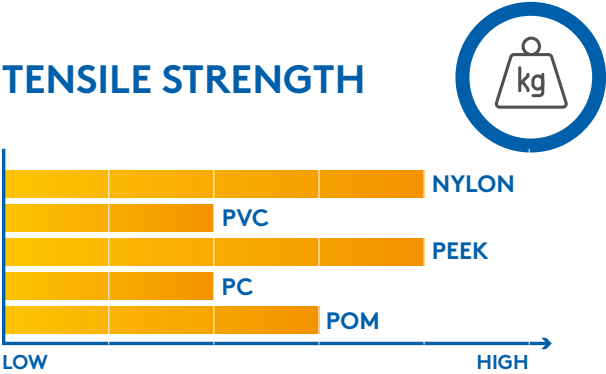
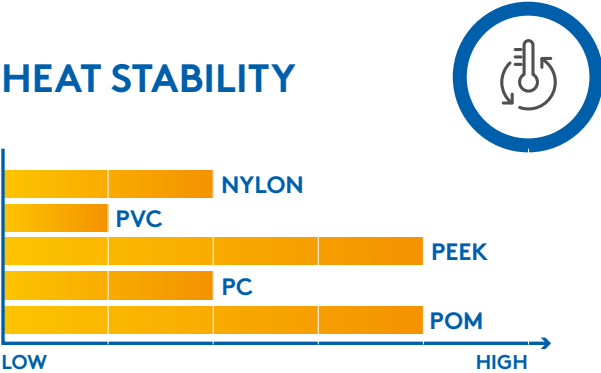
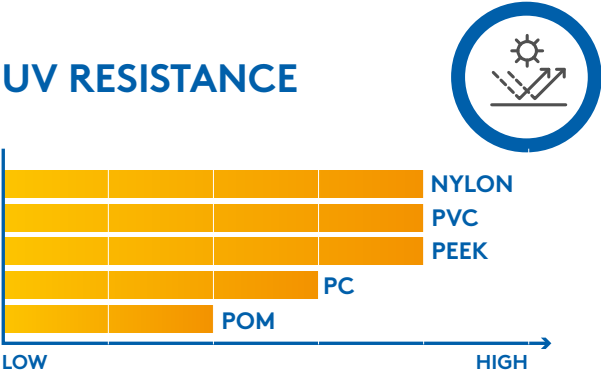
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- Provides strong seal
- Anti-loss lip suitable for pre-assembly
- Resistant to corrosion and many chemicals



KNOW YOUR PLASTIC

Knowing the properties of your plastic fastener is vital to choosing the right solutions for your project. The tables below highlights some key plastics and their associated performance indicators. You can also learn more from our [Fastener Material Selection Guide](#).



DOWNLOAD FREE CADS AND TRY BEFORE YOU BUY

Free CADs are available for most solutions, which you can download. You can also request free samples to ensure the solutions you've chosen are exactly what you need. If you're not quite sure which product will work best for your application, our experts are always happy to advise you.

Whatever your requirements, you can depend on fast despatch

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