

Quick Guide

QUALITY COMPONENTS FOR MACHINERY

YOUR VISION, OUR EXPERTISE

Essentra Components is the result of a powerful synergy.
We are the consolidation of leading companies in the industry:

ALLIANCE



Richco®



This rich heritage has given us not only unparalleled expertise in manufacturing, but also a deep understanding of the unique needs of local markets around the world.

With a global network of 14 manufacturing facilities and 34 stocking warehouses, we are uniquely positioned to deliver the quality components you need for production machinery used in the following markets:

- Automotive
- Electronics
- Food & beverage
- Metalworking
- Packaging
- Textiles
- Plastics processing
- Wood processing
- Robotics
- Industrial machinery

We leverage our extensive experience, advanced manufacturing capabilities, and unwavering customer focus to ensure you receive the perfect components, every time.

Sometimes, the ideal component requires a unique approach. Our team of experts will work with you to develop custom components that meet your exact needs.

CERTIFIED:

ISO 9001:2015 ISO 14001:2015
OHSAS 18001:2007 IATF 16949:2016

NOT SURE WHAT YOU NEED? WE'RE HERE TO HELP

Our team of experts are always happy to advise you. With their extensive knowledge, they can help you identify the ideal components to meet your needs.

COMPONENTS FOR MACHINERY

We understand the complexities of modern machinery manufacturing. Your success hinges on reliability, flexibility, optimizing productivity, and achieving consistent quality. Our products are built to excel in these demanding applications. Essentra's diverse range supports a variety of machines across numerous industries.



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FIBER, CABLE & WIRE MANAGEMENT / PCB HARDWARE

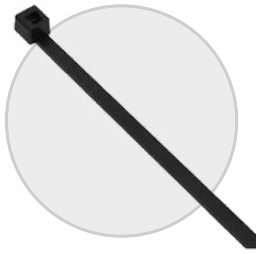
PREVENT WIRE ABRASION AND STRAIN AND ENHANCE YOUR CABLE ROUTING WITH OUR CABLE AND WIRE MANAGEMENT COMPONENTS TO ENSURE SMOOTH OPERATION, INCREASED SAFETY, AND EFFICIENT MAINTENANCE FOR YOUR MACHINERY.



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CABLE WRAPS

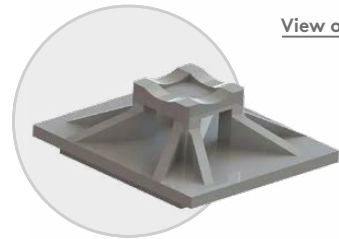
Lightweight & protective spiral wrap provides a cost-effective hose & cable protection. Crush resistant, flexible & easy to install. PE & heat-stabilized nylon.



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CABLE TIES

Tough, high-quality cable ties suit a wide range of electrical applications. Comes with a built-in lock system to prevent accidental removal. Nylon 6/6 rated UL94 V-2.



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CABLE TIE MOUNTS

Four-Way adhesive mounts offer quick & easy installation for lightweight wire bangles. Also includes a panel hole for optional screw fastening.



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GROMMETS

Installs on the diameter edge of a panel hole or knockout. Protects passing wires, cables, tubes & hoses from damage caused by sharp edges. Available in different materials.



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STEEL P-CLAMP WITH RUBBER CUSHION

Made from zinc-electroplated, cold-rolled steel, offering excellent corrosion resistance. Provides electrical insulation & vibration absorption. Ideal for long-life applications.



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CABLE CLAMPS

P-Style Loop Clamp designed to hold wires & cables in place. Screw mounted for a secure application. Nylon rating of UL94 V2 or UL94 V0.


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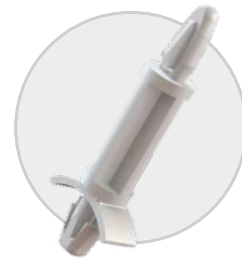
ROUND NYLON THROUGH SPACERS

Non-threaded spacers installed by hand, without the need for tools. Suitable for a wide range of applications. Available in different materials.


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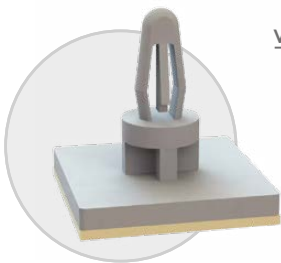
STANDOFFS

Male-to-female standoffs come with a double-sided adhesive tape with a release tab for quick installation. Locks onto the board, but releases with a pinch. Nylon.


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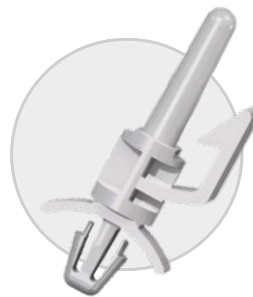
PCB SUPPORT PILLARS

Dual-locking supports easily snap in by hand & lock into place. Available in styles for different spacer lengths, hole diameters, panel thicknesses & materials.


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SELF-ADHESIVE PCB SUPPORT PILLARS

Comes with double-sided adhesive tape with a release tab for quick installation. Locks onto the board but is releasable with a pinch.


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PCB EDGE LOCKING SUPPORTS – SNAP-IN

Provides a secure hold on the side of the PCB. The snap-in fitting & locating nose are ideal for quick assembly. Easily removed for service.


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SNAP-FIT BUSHINGS – CLOSED

Protects wires, cables & tubing from sharp edges of drilled & pulled holes in sheet metal. Multiple locks allow the bushing to snap into common panel thicknesses for easy, tool-free installation. Nylon 6/6 & heat-stabilized nylon 6/6, rated UL94 V2.


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STRAIN RELIEF BUSHINGS

Protects wires & cables at the point of entry by absorbing the force of pull, push & twist exerted on a flexible power cord. Suitable for double, flat & round cables, & for mounting in round & anti-rotational holes.


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CABLE GLANDS

Used when space is limited & cables or cords must be routed in a straight line. Withstands impact, chemicals, & high temperatures while providing superior sealing & strain relief. O-ring included for smaller sizes to meet IP68 rating. Nylon.


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HOLE PLUGS

Locks in standard sheet metal thicknesses. Provides a clean & easy way to close optional wiring or production access holes.

ACCESS HARDWARE

OUR ACCESS HARDWARE OFFERS A CLEAN, MODERN AESTHETIC WHILE ENSURING SECURE ACCESS TO CRITICAL COMPONENTS WITHIN YOUR MACHINERY.



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CLAMPING STAR KNOBS

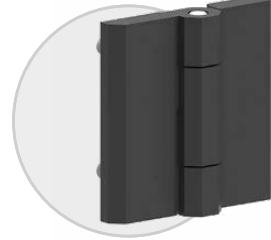
The secure grip with its multi-prong design controls, positions & tightens different machines. Flexible mounting options include studded, threaded insert & through-hole. Steel insert with knob available in PP & TPE.



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BALL KNOBS

An aesthetic & ergonomic option for controlling, clamping & shifting operations. Steel insert with knob available in PP & TPE.



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BUTT & LEAF HINGES

Available for flush-mounted doors with threaded stud installations. Maximum hinge rotation: 270°. Suitable for left- & right-hand applications. Stainless steel AISI 316.



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BULLET HINGES

Secure, versatile & highly durable. Can be used on flat surfaces for easy welding, & mounted in several configurations. Available in steel, steel with a brass pin, aluminum & stainless steel.



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PULL HANDLES

Nylon flanged right-angle bridge, pull handle – also known as a grab handle – is front mounted.



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SNAP IN HANDLES

These handles do not protrude out of the assembly they are mounted within. Instead, it sinks into the assembly to create a flush exterior. Ideal for large doors, or machine covers. ABS material.


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CAM LATCHES

Ideal for use on electrical cabinets & enclosures. This stop lip enables a secure, quarter-turn rotation. The internal spring ensures a comfortable & tactile grip. Available in different materials.


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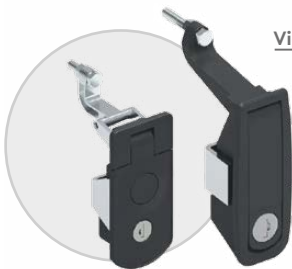
HVAC LOCKING HINGE

Functional locking hinge mounts left or right side of door. Universal lock & hinge design with a rotation of 180°. Door can be completely removed by unlocking the hinge.


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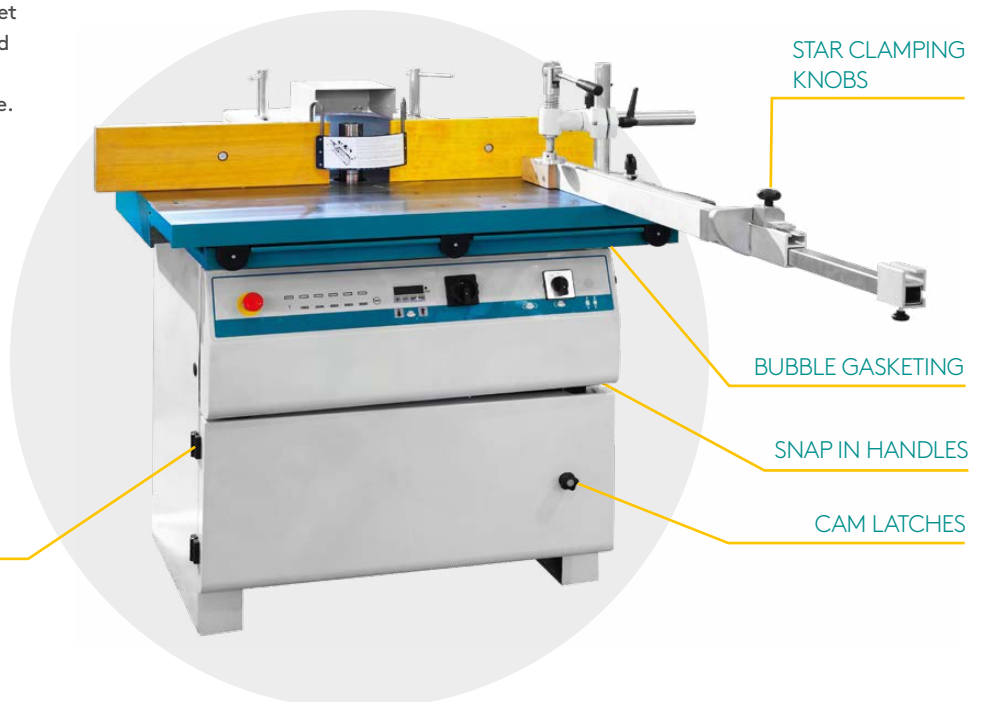
BUBBLE GASKETING

Sealing gaskets clip on sheet-metal profiles, providing edge protection & sealing. They also protect against vibrations & ingress of humidity & dirt. Made in EPDM & PVC.


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COMPRESSION TRIGGER LATCHES

Flush compression lever latch with an offset trigger design. Provides good gasket compression & is easy to use. For left- and right-hand applications to secure doors, cabinets, or panels. Adjustable grip range.


[BUTT & LEAF HINGES](#)


FASTENERS

LIGHTWEIGHT, NON-CORROSIVE OPTIONS PROVIDE SECURE FASTENING WITHOUT ADDING UNNECESSARY BULK OR COMPROMISING ELECTRICAL CONDUCTIVITY.



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NYLON FLAT WASHERS

Helps evenly distribute the fastener's load while helping to reduce heat & friction during tightening. Insulates against moisture & electricity. Resists corrosion, abrasion & most chemicals. Nylon 6/6, PC, PEEK, PP, & PVC.



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NYLON RETAINING WASHERS

Grips the outside of screws or bolt shanks to hold them in place during assembly. Also provides moisture & electrical insulation, cushioning & spacing. Nylon 6/6 & LDPE.



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PANHEAD SCREWS

Lightweight & resists electricity, corrosion, vibration & most chemicals. Available in slotted & Phillips drives. Choice of nylon 6/6 or PC.



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HOSE CLAMPS

Provides a secure & superior seal for hoses, tubing or other components with a patented interlocking design. Features a push lock for easy installation & removal on most liquid, gas or vacuum lines. Reusable. Nylon 6/6.



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WELD MOUNT RETRACTABLE SPRING PLUNGERS

Features a weld-on mating barrel & lock-out feature that holds the pin in the retracted position to allow users to use both hands to make adjustments. Pin tip styles include tapered, standard straight & short tip. Various knob styles available.



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DETENT PINS RING

Secures, adjusts, or separates joined accessories & equipment. Features a convenient pull-ring for ease of use. Chamfered tip assists in quickly locating a hole. Available in low-carbon steel with zinc-plated finish that resists corrosion. Also, stainless-steel.


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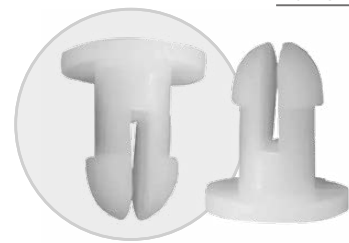
SNAP RIVETS

Quick & easy fasteners can be installed without tools. Specially designed legs expand & firmly lock the components permanently in place. Made in different nylon grades. Also available: P-type snap rivets for high-temperature applications.


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BARBED RIVETS

Barbed protrusions provide efficient fastening for joining a range of panel thicknesses & materials. Can be used as a rivet & a screw. Fast & easy assembly. Nylon 6/6 & PP.


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PUSH-IN RIVETS

Securely joins thin, lightweight material together. Specially designed legs provide compression & expansion, locking into pre-punched holes. Vibration, abrasion & corrosion resistant. Reusable. Nylon 6/6, rated UL94 V2.



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STOCK2SHIP

— By Essentra —

YOU'LL HAVE WHAT YOU
NEED WHEN YOU NEED IT:

- Over 15,000 popular products ready for shipping
- Includes over 90% of our catalog caps & plugs

**SPEAK TO ONE OF OUR EXPERTS ABOUT
YOUR APPLICATION REQUIREMENTS**

CAPS & PLUGS

ESSENTRA'S CAPS & PLUGS SAFEGUARD MACHINED SURFACES, THREADED FITTINGS, & OTHER DELICATE COMPONENTS THROUGH PRODUCTION PROCESSES TO THE FINAL SHIPPING OF THE MACHINE.

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STUDED FULL-FACE FLANGE

Quick-fit flange protector provides full coverage, featuring lugs that firmly position into bolt holes to provide a positive fit. No fasteners required. Range includes two series: BFP & XP. Cost-effective solution with good chemical resistance. Made of PE.

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TAPERED CAPS & PLUGS

Design allows the part to plug multiple inner diameters or cap multiple outside diameters. Protects against damage, dirt, moisture & corrosion during storage & shipping. Also available in a heavy-duty design. LDPE.

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THREADED CAPS & PLUGS

Prevents damage, dirt, corrosion & moisture from entering internal threads. Used in the automotive, fluid power & engineering industries. Ideal for hydraulic processes.

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PUSH-FIT CAPS

Dual-purpose caps protect your product during finishing, shipping, & storage. Also functions as masking caps, preventing contamination or material build-up in exposed openings during finishing work.

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PUSH-FIT PLUGS

Designed for finishing & masking, fabricating processes, sealing, pipe-end protection, & thread protection. Materials include plastic, rubber & others depending on the style or type of plug.

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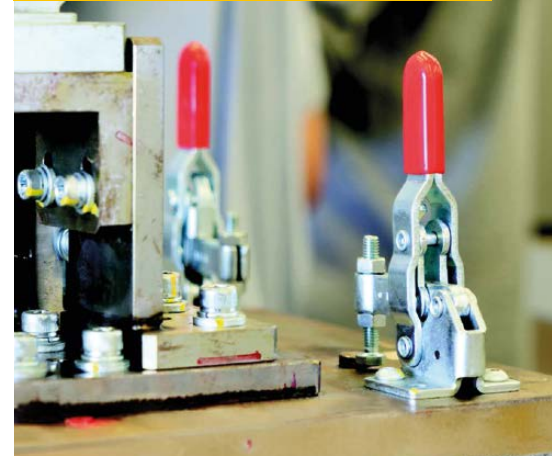


SHEET METAL PLUGS

Available in several styles. Blanking plugs protect against sharp edges. Body plugs made from TPR, TPE & silicone. Also included are vented hole plugs for the removal of heat & emissions.

FEET, TUBE INSERTS & GLIDES

WORKHOLDING



TUBE INSERTS & GLIDES PROVIDE THE PERFECT FINISH FOR ROUND, SQUARE OR RECTANGULAR TUBING. ESSENTRA ALSO HAS A VAST OFFERING OF BUMPER FEET TO ENHANCE MOBILITY & PROTECT SURFACES.

ENSURE PRECISE POSITIONING & STABILITY FOR FLAWLESS MACHINING.

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PUSH-FIT BUMPERS & RUBBER FEET

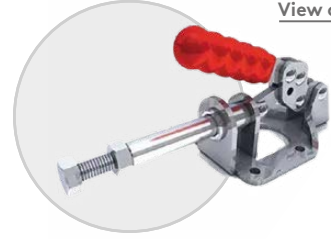
A simple, push-fit stem holds the rubber feet in place, allowing them to protect surfaces from contact. Can be used as glides, bumpers, closures, slides & stops. Available in different styles & materials.

BUMPERS/STICK-ON FEET

Self-adhesive & commonly used as rubber feet, cabinet stoppers, door stops, & surface protectors. These peel-and-stick bumpers will not tarnish, scratch, or discolor any surface.

MANUAL HOLD-DOWN CLAMPS

Low-height design, cushioned handle grip, & zinc-plated components resist corrosion. The handle & hold-down bar move in opposite directions for secure holding capacity.

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TUBE INSERT GLIDES

Available in both ribbed & straight-wall designs. Provides a smooth, durable base for furniture, appliances & more, protecting floors from damage caused by heavy or sharp objects. Fits to the end of round, square & rectangular glides.

THREADED TUBE INSERTS

Protects assemblies from sharp edges of the tube & provides an aesthetically pleasing appearance. The internal thread can accommodate leveling feet, tilt glides or casters. Also available: Heavy-duty threaded inserts, made from glass-filled black Nylon with a brass threaded insert.

PUSH PULL TOGGLE CLAMPS

Plunger mechanism holds materials in place to produce a positive straight-line action. The low profile uses side or end clamping for applications with height restrictions.



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CONTACT US TODAY!
800.847.0486



EMAIL AN ESSENTRA EXPERT
SALES@ESSENTRACOMPONENTS.COM

essentracomponents.com

MAKING IT EASIER

MACHINERY_0724_AMERS.US