



# Products & Solutions for Industry

Bearings & Housings / Belts & Pulleys / Chains & Sprockets / Couplings & Drives  
Linear Systems & Automation / Maintenance Equipment / Lubrication

# Why choose ACORN®

## Fast, reliable service & supply

ACORN provides high-quality personal service and a fast supply of industrial products to industry.

## Products & solutions that dramatically increase productivity

Improvements in product performance, downtime, changes to maintenance regimes or supply chain streamlining are always achievable. As technology moves on, keeping up with the latest innovative products can be difficult. ACORN's product specialists have the knowledge & expertise to provide solutions and identify the best components to help you continually improve your plant efficiency.

## Saving you time and money

Book a free on-site visit with one of our product specialists and see how we can help you.

## Specialists that work for you

Our product experts can assist with product selection, specification and component identification at every stage of the production process. From machine design & manufacture, to the processing & packing of products, our experts are on hand to optimise your processes.

**Product Experts are on hand to answer product questions and queries.**





## Easy Ordering 24/7

Order online, via email, phone or in person, ACORN's dedicated and knowledgeable team are here to help. It's quick and easy, with same-day dispatch on a vast range of engineering components.

### ACORN® | ONLINE

- Comprehensive inventory
- Quick product search
- Order day or night
- All major credit cards accepted
- Easy account setup
- Prices available in GBP (£), EURO's (€) or USD (\$)
- Order history
- Consolidated shipments and drop-ship options also available

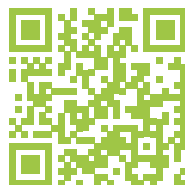
### ACORN® | LOCAL

You can expect the highest level of service from our highly trained customer service teams throughout our Regional Distribution Centre network.

### ACORN® | WORLDWIDE

- Easy ordering anytime day or night
- Immediate dispatch
- Combine shipments
- Expert support

Register for an  
online account





# Keeping you operational

When breakdowns strike, get back up and running faster with ACORN®



## Unrivalled product availability

With over seven million items in stock and computerised links to manufacturer stocks across the globe, you will receive your goods in the fastest possible time.



## Emergency 24/7 call out

One call to ACORN is all it takes. Your urgent items will be couriered straight from our warehouse within the hour.  
Call: 07970 789 978



## Free same-day delivery

Our free same-day delivery service is available within our large delivery zones or you can depend on our reliable next day service.

**Over 7 million engineering components in stock.**





# Trusted supply chain partner

**Having the right supply chain partners in place is a real competitive advantage.**

Having the right supply chain partners in place is a real competitive advantage, and nobody understands this better than ACORN. With ACORN as your component supplier you can be confident of receiving award winning service and high quality products.

## Part of Axel Johnson International

ACORN is part of Axel Johnson International, a global industrial group that acquires and develops companies in strategically selected niche markets, primarily technical components and industrial process solutions.

The group is an active and long-term owner whose mission is to drive business development and growth. It builds and develops groups of companies with shared strategic objectives, stimulating joint initiatives and knowledge sharing. Axel Johnson International has six business groups: Driveline Solutions, Fluid Handling Solutions, Industrial Solutions, Lifting Solutions, Power Transmission Solutions and Transport Solutions. Axel Johnson International has an entrepreneurial culture where decentralised and committed leadership enables quick decisions. The group has four focus areas: digitalisation, service, sustainability, and people development.

Axel Johnson International is headquartered in Stockholm, Sweden. The group comprises more than 170 companies in 33 countries. Axel Johnson International is part of the Swedish family-owned corporate group Axel Johnson. Find out more about Axel Johnson International at: [www.axinter.com](http://www.axinter.com)



# Trusted supply chain partner



## Sustainability

Ambitious goals are crucial to achieving long-lasting change. At ACORN we believe business should be a driving force for change, and sustainability is a fundamental part of our business strategy. By continuously reducing our energy consumption, buying energy from renewable sources and transportation with less impact on the climate, we are heading towards our ambition to become climate neutral by 2030.



## Quality & reliability

- Authorised distributors for many industry-leading manufacturers.
- Full product traceability guarantees genuine components and a high quality supply chain.
- Manufacturer warranty provides peace of mind.
- ISO certified and accredited to industry organisations.



## Contract pricing

Contract pricing provides stability and predictability, enabling you to budget effectively. With ACORN contract pricing, you are in control. Call us to discuss your requirements.





# Your services provider



## Linear rail cutting & assembly

Our specialist rail cutting services provide:

- Rapid delivery
- High-quality rail and shaft production
- End face grinding
- Butt jointed rails

All assembled in a clean environment.



## Equipment hire

Straightforward hiring options are available on:

- Mounting & dismantling equipment
- Bearing heaters
- Bearing pullers
- Heating services
- Condition monitoring
- Alignment equipment



## Maintenance contracts

- Condition monitoring
- Heating and mounting services
- Supervising the use of maintenance equipment
- Equipment training



## Consignment stocks

- Personalised product range
- Reduces downtime
  - Saves money
  - No upfront cost



## Site audits

In-depth reports detailing improvements aimed at increasing production, reducing downtime and cutting costs.

- Detailed application review
- Production line mapping
  - Failure analysis
  - Stores survey
  - Product cross-referencing.



## Total cost of ownership

Adopting a TCO approach to replacement parts can significantly increase component value. ACORN offer on-site visits to discuss the day-to-day issues that affect your ability to keep machinery running and offer the best solutions.

## Our mission

We care more and we go further to help our customers overcome any challenge. They come to us not just to buy parts or equipment, but because they trust our knowledge, respect our experienced opinions and have confidence in our ability to solve their problems with immediacy. Most importantly, they enjoy a friendly relationship that makes working with us easy. We are consistent and reliable where others fall short, particularly when it matters most.





## Our values



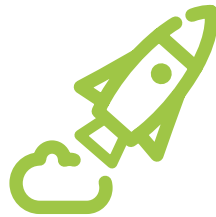
### People

People are at the centre of everything we do, whether it's within our organisation or in our interactions with the external world. We take pride in the quality of service we deliver. And we continuously work towards enhancing both the customer experience and fostering inclusivity and collaboration within our team.



### Knowledge

As specialists in our field, we take great pride in the in-depth knowledge that forms the foundation of ACORN. But this doesn't translate into complacency. We remain vigilant, consistently exploring industry advancements and understanding how they can benefit our customers. We are problem solvers.



### Expertise

No query is too big for our experts. With a combined experience of 90 years in industry, our product specialists provide exceptional support for customers. They work in partnership with customers to understand their pain points and to provide efficient, cost effective and custom solutions.



### Personality

We have evolved from humble origins to become an industry leader, characterised by a distinct personality. This identity is defined by a friendly, customer-focused approach and a commitment to going the extra mile.



### Care

We provide exceptional customer service, ensuring that our customers' needs are met thoroughly from beginning to end. Furthermore, we are dedicated to the well-being and development of every individual within the ACORN team.



### Pace

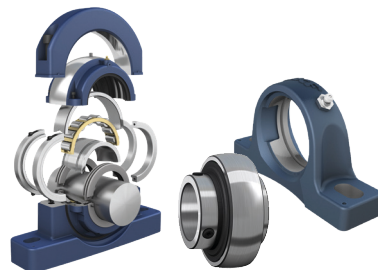
We take pride in our swiftness, providing prompt support and efficient supply throughout the entire process. Our dedication lies in staying agile and responsive to market or industry changes, with innovation at the forefront of our endeavours.

# Bearings & Housings



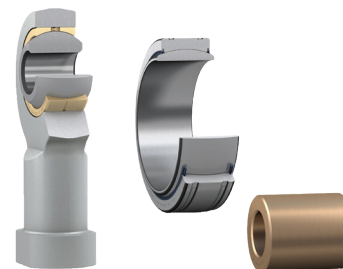
## Ball & roller bearings

Deep groove ball bearings, Angular contact ball bearings, Cylindrical roller bearings, Spherical roller bearings, Tapered roller bearings, Split-to-the-shaft roller bearings, Toroidal roller bearings.



## Bearing units & inserts

Pillow blocks, Square flange units, Oval flange units, Adjustable flange units, Flange bracket units, Split-to-the-shaft bearing units.



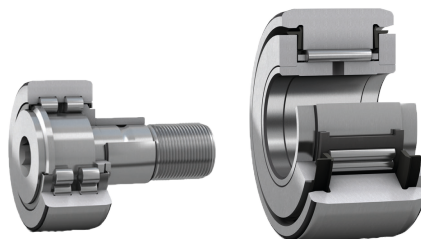
## Plain bearings

Male & female threaded rod ends, Cylindrical welded shank rod ends, Rectangular welded shank rod ends, Radial spherical plain bearings, Angular contact spherical plain bearings, Thrust spherical plain bearings, Plain bushings.



## Needle bearings

Needle roller & cage assemblies, Drawn cup needle bearings, Needle bearings with machined rings, Alignment needle bearings, Combined needle bearings, Needle roller thrust bearings, Needle rollers, Inner rings.



## Track rollers

Cam followers, Cam rollers, Crowned and cylindrical support rollers.



## Bearing housings

Plummer block housings, Flanged housings, Two-bearing housings.

Andy Fletcher  
Bearing Product  
Manager





# Maintenance Equipment



## Heating tools

Bearing heaters, Heating rings, Heating plates, Heating tool accessories.



## Mechanical tools

Bearing fitting tools, Bearing pullers, Spanners & sockets, Chain breakers, Chain wear & tensioning tools, Belt tensioning tools.



## Alignment tools

Laser shaft alignment tools, shims & shim kits, Belt alignment tools.



## Condition monitoring tools

Infrared thermometers, Machine condition indicators, Monitoring systems, Stroboscopes, Tachometers, Stethoscopes, Endoscopes, Thermal imaging, Electrical discharge detectors, Bearing sensors, Leak detectors, Sound pressure meters.



## Hydraulic tools

Hydraulic pumps, pressure gauges, Hydraulic nuts, Mounting & dismantling fluid.



## MRO products

Pneumatics, Industrial seals, Sealants & adhesives, Hand tools, Wheels & castors, Fasteners & ancillary products.

Andy Fletcher  
Bearing Product  
Manager



# Power Transmission



## Industrial belts

V-belts, Timing belts, Poly-v ribbed belts, Extruded belting, Conveyor belting, Polyurethane belts, Variable speed belts, Open ended belts, Belt accessories.



## Pulleys

Pilot bore timing belt pulleys, Tapered bore timing belt pulleys, Pilot bore v-belt pulleys, Tapered bore v-belt pulleys, Helical offset tooth pulleys.



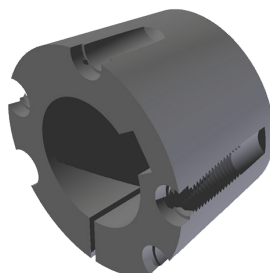
## Sprockets

Single-row, double-row and triple-row sprockets, Pilot bore sprockets, Tapered bore sprockets.



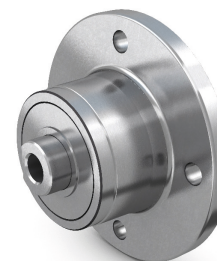
## Industrial chains

Simplex, duplex & triplex roller chains, Chain links, Conveyor chains, Leaf chains, Oilfield chains, Silent chains.



## Bushings

Tapered bushes.



## Hubs

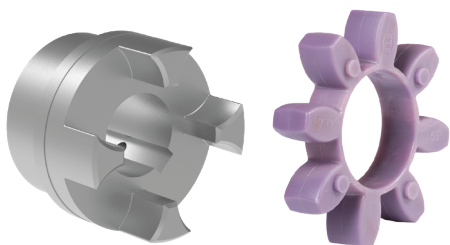
Agri-hubs, Bolt-on hubs, Weld-on hubs, Quick disconnect bushings.

**Paul Speight**  
Power Transmission  
Product Manager





# Couplings & Drives



## Couplings, hubs & elements

Jaw couplings, Flexible couplings, Backlash-free couplings, Rigid couplings, Torsionally rigid couplings, Flywheel couplings, Grid couplings, Pin & bush couplings, Chain couplings, Fluid couplings, Universal joint couplings, Torque limiters.



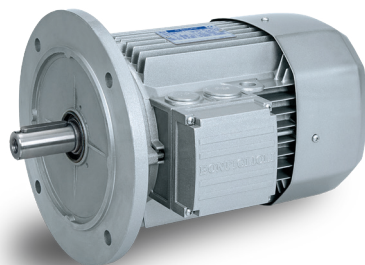
## Locking elements

Locking assemblies, Keyless bushings, Shrink discs.



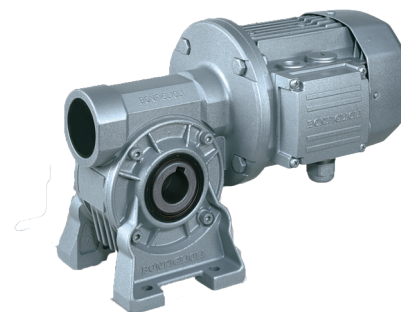
## Shaft collars

One-piece shaft collars, Two piece shaft collars, Quick release shaft collars, Set screw shaft collars.



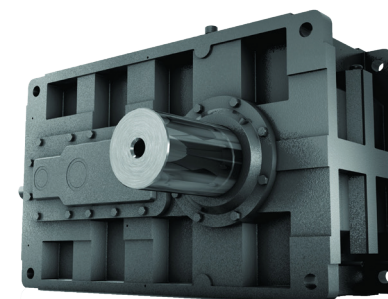
## Electric motors

Single phase motors, Three phase motors.



## Gearmotors

Bevel helical gear motors & gearboxes, Helical gear motors & gearboxes, Worm gear motors, Planetary gear motors.



## Gearboxes

Helical/bevel gearboxes, High-speed gearboxes, Wind turbine gearboxes, Shaft mount gearboxes.

Tom Fowler  
Couplings & Drives  
Product Manager

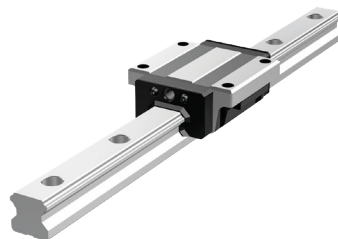


# Linear Systems & Automation



## Linear actuators

Electric actuators, High-performance actuators, Positioning actuators, Lifting columns.



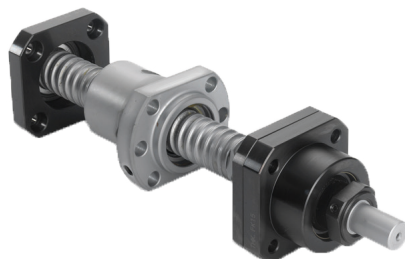
## Rails, slides & rollers

Linear guide assemblies, Linear guide rails, Linear slides, Linear guide rollers, Linear braking & clamping elements.



## Shafts & bearings

Linear bearing & shaft assemblies, Linear bearings, Linear shafts, Linear bearing units, Linear supports.



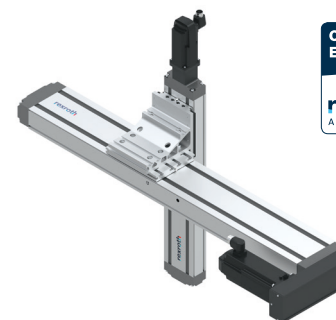
## Ball screws, splines & supports

Ball screw assemblies, Ball screw nuts, Ball screw shafts, Ball screw support units & ball splines.



## Telescopic rails

Single extension telescopic rails, Double extension telescopic rails, Triple extension telescopic rails.



## Multi-axis systems

Linear axes, Multi-axis systems & Pressing kits.

**Garry Haines**  
Linear & Automation  
Product Manager





# Lubrication, Sealants & Adhesives



## Lubricants

Multi-purpose grease, Compressor, gear & hydraulics lubricants, Gas generator, gas engine & turbine lubricants, Drive & conveyor chain lubricants, Power transmission lubricants, Anti-seize & assembly lubricants, Wire rope lubricants, Aerosols and General purpose lubricants.

## Fluids

Metal working fluids, Automotive fluids, Heat transfer fluid.

## Grease dispensing tools

Automatic grease dispensing tools, Manual grease dispensing tools, Inaccessible chain lubrication kit.



## Sealants & adhesives

## Lubrication analysis tools

Oil check monitor, Grease testing kit, Ultrasound lubrication checker, Refill kits.

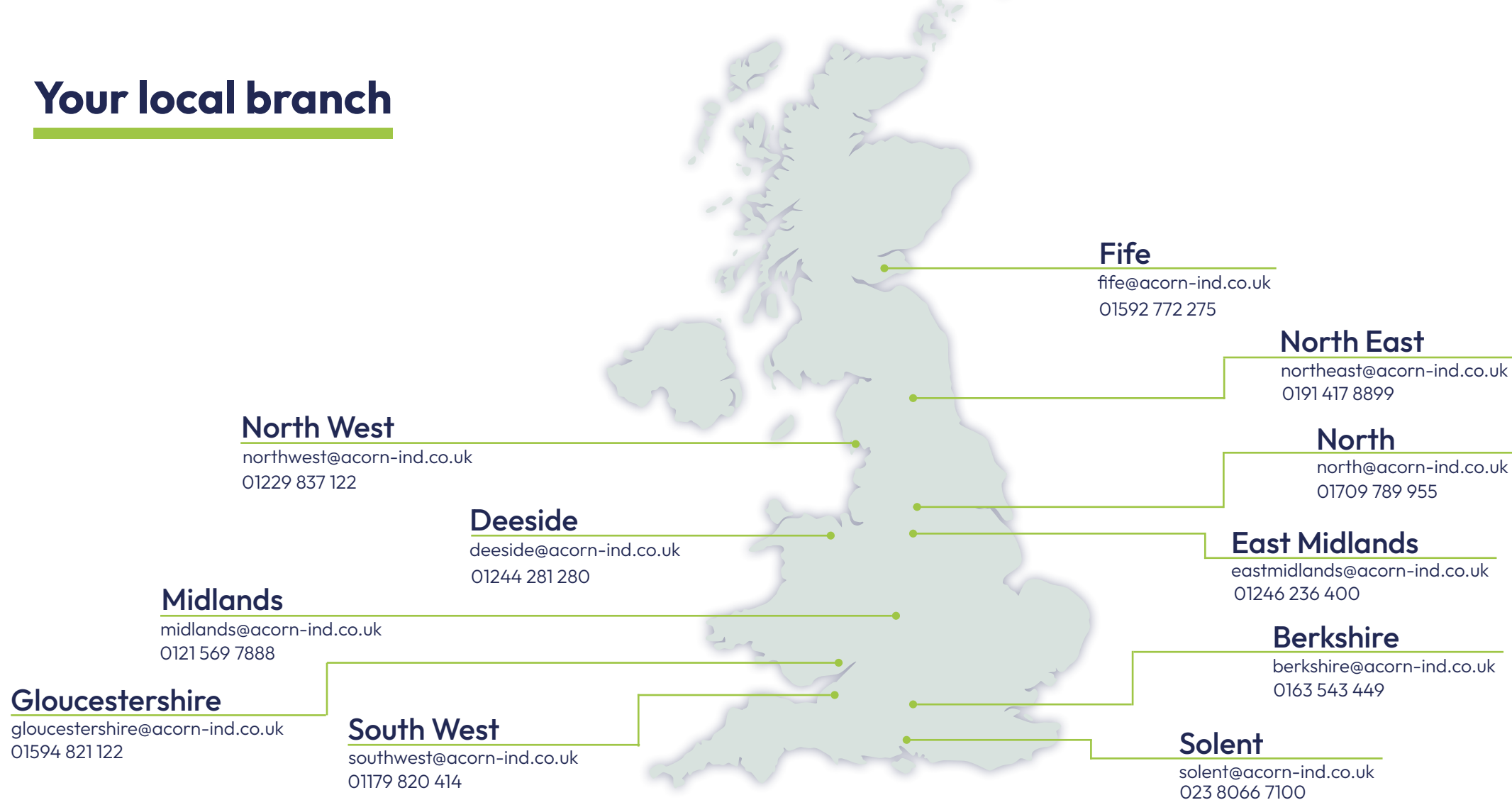
## Accessories

Lubrication tool accessories, Demo stars.

Andrew Howard  
Lubrication  
Product Manager



# Your local branch



## Head Office

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