

# **Special Purpose Machinery**

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**Applications** 



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# **Linear Components**

A comprehensive range of high-quality linear components designed for precision movement and efficient mechanical applications. Ranging from linear rails, guideways and lead and ball and screws, to linear shaft bars, bearings and support rails, all engineered to provide smooth, accurate and reliable motion control. This range focuses on performance and durability whilst offering reduced friction, high load capacity and a long service life.



RALL BUSHINGS

MINIATURE



LEAD SCREWS









# **Shoulder, Thumb & Captive Screws**

Our precision fastening solutions are designed for use across various industries. Shoulder screws provide a smooth bearing surface for rotary and sliding applications, ensuring accurate alignment and reduced wear. Thumb screws allow for easy, tool-free adjustments, making them ideal for quick assembly and frequent repositioning. Captive screws enhance safety and compliance by remaining attached to panels or enclosures, preventing loss during maintenance. Made from high quality materials our fastenings offer durability, reliability and ease of use in demanding applications.



SHAFTS

COLINTERSLINK CAPTIVE SCREWS

SHOULDER SCREWS



SHAFT END

BUTTON HEAD CAPTIVE SCREWS



SHAFT SUPPORT

CAPTIVE SCREWS





KNURLED THUMB



# **Applications**

Assembly, Pick & place, Leak testing, Bagging, Cap & fill, Box making machinery, Wood processing, Food production, Packaging, Print based machinery, Nuclear equipment, Semi conductor processing, Cryogenic equipment and others

Assembly, Pick & place, Leak testing, Box making machinery,

Wood & Glass processing, Packaging, Print based machinery, Warehouse automation. Nuclear equipment. Semi conductor

processing, Metrology & measuring and others

#### Lifting Pins, Bolts & Universal Joints

Engineered for secure, efficient and flexible mechanical operations, our robust range is designed for strength, durability and versatility. Lifting pins enable guick and reliable load handling with high-strength materials ensuring safe and easy lifting. Eyebolts, available in various designs, offer secure lifting, anchoring, and load-bearing applications. Universal joints allow for smooth power transmission and angular movement, making them essential for precise motion control in machinery and automation.



QUICK LIFT PINS

SINGLE LINIVERSAL

JOINTS.



QUICK LIFT PINS - LOCATING BUSHES

DOLIBLE LINIVERSAL



BALL LOCK PINS



BALL LOCK PINS





FEMALE LIFTING EYE BOLTS

#### **Applications**

Assembly, Pick & place, Leak testing, Bagging, Cap & fill, Box making machinery. Wood & Glass processing. Food production. Packaging, Print based machinery, Powder processing, Nuclear equipment, Semi conductor processing, Cryogenic equipment and others

### Spring Plungers, Detent Pins & Threaded Inserts

Designed for precise positioning, secure fastening, and enhanced assembly efficiency, this range will improve performance across a variety of industrial and engineering applications. Spring plungers provide controlled tension and indexing for smooth, repeatable positioning in fixtures and automation systems. Detent pins enable guick and secure locking, allowing for fast assembly and disassembly in mechanical and structural applications. Threaded inserts reinforce and extend the lifespan of threads in soft materials, ensuring strong, durable, and wear-resistant connections.



SPRING PLUNGERS - BALL & SLOT

THREADED INSERTS



JOINTS

SPRING PLUNGERS SMOOTH BODY

THREADED INSERTS

HEAVY DUTY



MALELIETING

EYE BOLTS

I ATFRAL SIDE



DETENT PINS



THREADED INSERTS

# **Applications**

Assembly, Pick & place, Box making machinery, Semi conductor processing. Metrology & measuring and many more