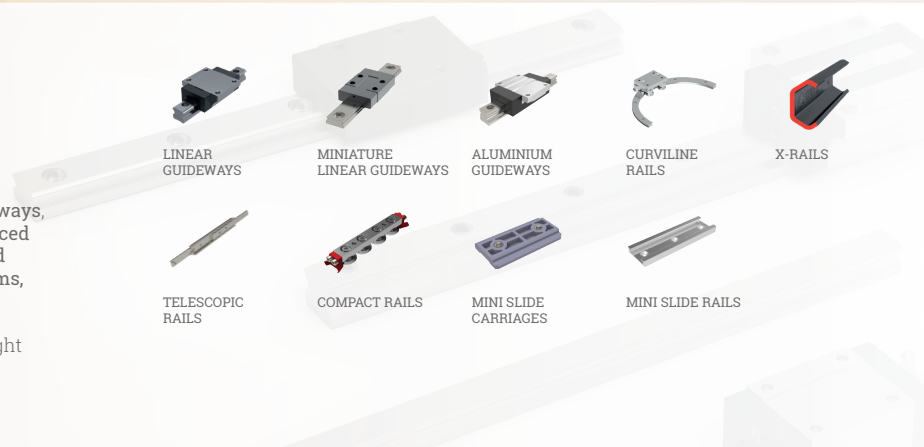


Linear Guideways

Smooth and precise movement is essential for passenger comfort and operational efficiency. **Linear guideways** provide seamless seat adjustment, enhanced durability, and lightweight performance. These advanced motion systems enable **adjustments of seats, privacy screens & privacy doors** with minimal friction, ensuring

effortless and reliable seat positioning.

By integrating **linear guideways**, airlines benefit from **enhanced passenger comfort, reduced wear on seating mechanisms, and improved long-term reliability**, ensuring a seamless & luxurious in-flight experience.



Key Features & Benefits

- ✓ **Smooth & Quiet Motion**
Ensures a premium passenger experience
- ✓ **Lightweight & High Strength** | Aluminium & engineered materials reduce weight without sacrificing durability
- ✓ **Versatile Designs**
Options for linear, telescopic and curviline movement
- ✓ **Low Maintenance**
High wear resistance reduces servicing needs
- ✓ **Precision & Stability**
Enhanced seat positioning for improved ergonomics

Driving & Positioning Components

Providing **discreet, smooth, and reliable separation** between seating areas. **Precision gearboxes** ensure effortless deployment and retraction, delivering **stable and quiet movement** for a seamless travel experience. Designed for **durability and space efficiency**, these gear systems integrate smoothly into modern seating designs, offering enhanced

privacy without compromising on weight or reliability.

With **precision gearboxes**, airlines can be confident **privacy screens operate smoothly and reliably**, reducing wear, minimizing maintenance, and enhancing **passenger comfort and exclusivity** in premium seating environments.



Gearboxes

ALUMINIUM BODIED
RIGHT ANGLE DRIVE
TWO SHAFTS



Miniature Lead Screws

From our
sister company



wixroyd.com
0333 207 4497



Rotary Dampers

BI-DIRECTIONAL



Toothed Rack

FOR USE WITH
ROTARY DAMPERS



Spring Plungers

SMOOTH MODEL

Key Features & Benefits

- ✓ **Smooth & Quiet Operation**
Ensures effortless screen deployment and retraction
- ✓ **Compact & Lightweight**
Optimised for premium aircraft interiors
- ✓ **Durable & Low Maintenance**
Built for long-lasting performance
- ✓ **Secure Positioning**
Prevents unwanted movement during flight
- ✓ **Enhanced Passenger Comfort**
Provides a seamless, high-end experience

Captive Screws & Thread Inserts

Captive screws and thread inserts provide a reliable and efficient fastening solution within aircraft. These components enhance durability, ease maintenance, and ensure secure assembly of high-end seating structures. **Captive screws** prevent loss during servicing, reducing downtime and improving operational efficiency. **Thread inserts** reinforce attachment points

in lightweight materials like composites, preventing wear and tear over repeated use.

By using captive screws and threaded inserts, airlines **reduce maintenance costs, improve safety, and extend the lifespan** of premium aircraft seating, ensuring a superior passenger experience while maintaining operational efficiency.



STAINLESS CAPTIVE SCREWS



STEEL CAPTIVE SCREWS



BLACKENED CAPTIVE SCREWS



TITANIUM CAPTIVE SCREWS



CAPTIVE THUMB SCREWS



CAPTIVE WASHERS



RETAINING FLANGES



THREAD INSERTS - THINWALL



THREAD INSERTS - HEAVY DUTY



THREAD INSERTS - SOLID



WIRE THREAD INSERTS

Key Features & Benefits

- ✓ **Quick & Easy Maintenance**
Captive screws remain attached, reducing FOD (foreign object debris) risk
- ✓ **Extended Component Life** | Thread inserts strengthen joints, minimising damage to seating structures, whilst increasing longevity
- ✓ **Lightweight & Durable**
Ideal for aerospace applications
- ✓ **Secure Fastening**
Locking patch (thread-lock) option prevents loosening due to vibrations