



# Trusted Components for Medical Advancement

# Trusted Components for Medical Advancement

In the fast-paced world of medical equipment and device manufacturing, every component counts. At the Wixroyd Group (made up of three

complementary brands of **Automotion Components, Wixroyd & Teknipart**), we understand the unique challenges facing medical industry suppliers:

- **Motion & Linear**
- **Positioning & Locking**
- **Cleanroom & Chemical Resistance**
- **Articulated Linkages**
- **Access & Enclosure**
- **Structural Fastening**
- **Anti-Vibration & Stability**
- **OEM Tooling & Fixturing**

The range of **high-quality, ready-to-use components** displayed in this catalogue, is just a small selection of what we offer (**please see our website for our extensive range**).

Our ranges are available in:

**Stainless Steel**

**PEEK (Polyether ether ketone)**

**Plastic & Nylon**

We work closely with customers to **develop custom solutions**, and **our technical team is on hand to help you:**

- **Identify the components you need**
- **Streamline production**
- **Deliver equipment that operates flawlessly**
- **Protect patients and operators**

Contact our technical team **today**:



**sales@wixroyd.com**  
0333 207 4497



**sales@automotioncomponents.co.uk**  
0333 207 4498



**sales@teknipart.co.uk**  
0333 207 9969

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# Diagnostic Imaging Systems

Diagnostic imaging systems demand precise alignment, smooth motion, hygiene, durability, and patient safety, while equipment must operate quietly, reliably, and repeatedly under demanding clinical conditions. Our precision motion and assembly components address these challenges by providing controlled, consistent movement, secure and repeatable positioning, corrosion resistance for long-term reliability, and durable performance that ensures equipment operates safely and efficiently throughout its service life.

With technical expertise, reliable supply, and high manufacturing standards, our solutions help manufacturers build diagnostic imaging equipment that operates efficiently, safely, and flawlessly in demanding healthcare environments.





**Wixroyd** | [wixroyd.com](http://wixroyd.com)



**S4032**

Constant Torque Hinge



**33194.2**

Ball Lock Pins  
Contoured Handle



**79240**

Pull Handles



**33940**

One-Touch Fastener -  
Cam-Locking



**79350**

Equipment Handles



**33949**

One-Touch Fastener -  
Cam-Locking



**78120**

Pull Handles -  
Aluminium



**Automotion** | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



**L1016**

Un-flanged Carriages -  
Standard



**L1016**

Linear Guide Rail



**L1772**

Hardened  
Stainless Shafts



**L1750**

Linear Carriages



**L1971.SB**

Solid Body  
Stainless Sliders



**L2051**

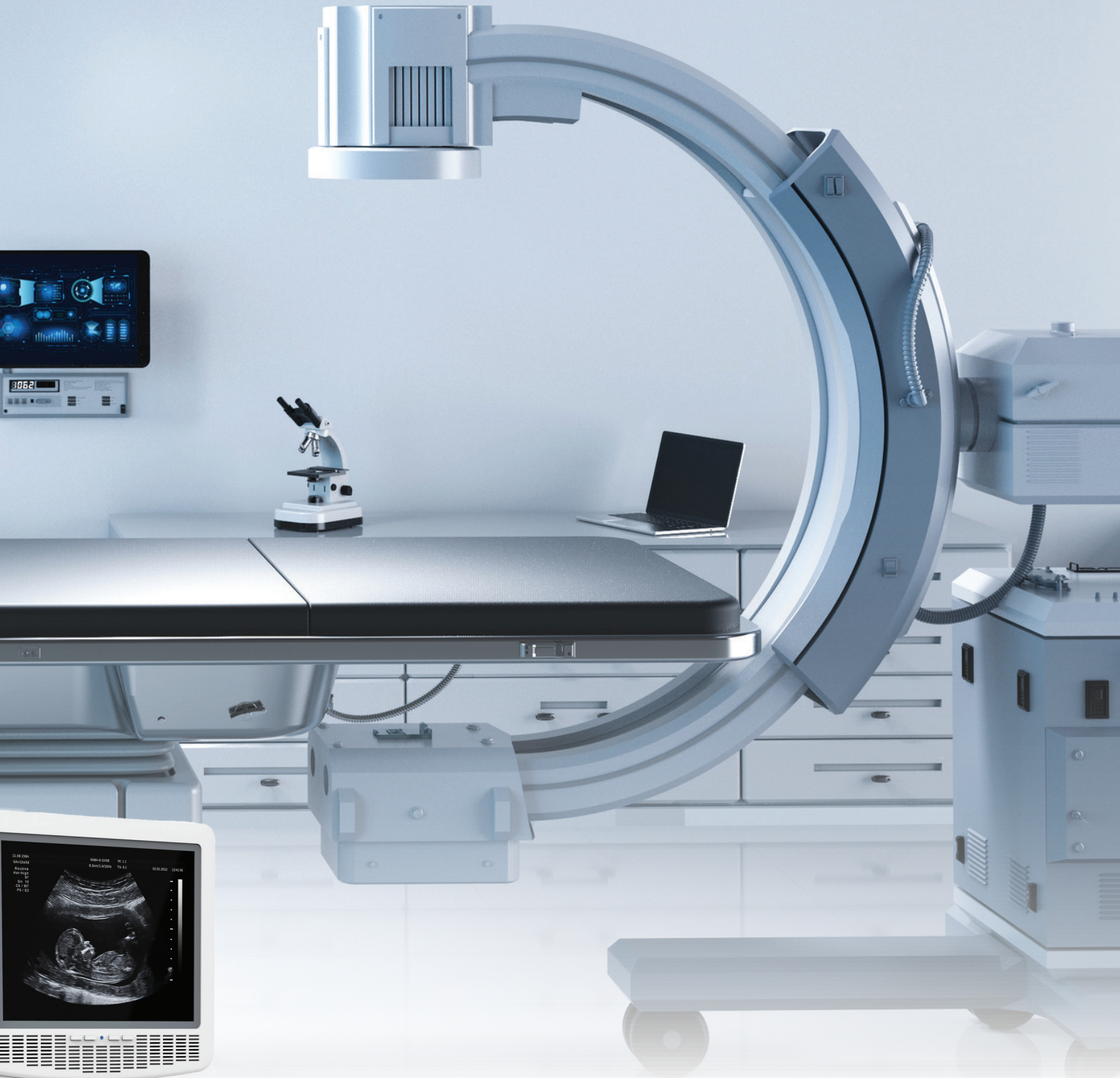
Stainless AISI  
316 Slides



**L1010**

Miniature  
Linear Rail





## Where can I find these components?



Wixroyd | [wixroyd.com](http://wixroyd.com)



Automotion | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



Teknipart | [teknipart.co.uk](http://teknipart.co.uk)

# Application Selection Chart

## Diagnostic Imaging Systems

● Wixroyd
 ● Automotion

	Access & Enclosure Systems	Motion & Service Access	Precision Motion Systems
Ball Lock Pins & Quick Release Pins	●		
Ball Screw & Nuts			●
Bearing Mounts			●
Blanking Plugs	●		
Cam Latch Accessories	●		
Cam Latches	●		
Cam Locks	●		
Captive Screws	●		
Catches & Latches	●		
Draw Latches	●		
Electronic Handles	●		
Expansion Sealing Plugs	●		
Gasketing & Document Holders	●		
Hinges	●		
Lead Screws & Nuts			●
Lid & Door Stays	●		
Linear Bearings			●
Linear Guideways			●
Linear Shaft Bars			●
Long Linear Rails			●
One Touch Fasteners	●		
Pull Handles	●		
Rigid Couplings			●
Rotary Dampers		●	
Sealing Plugs	●		
Sealing Screws	●		
Set Collars			●
Stainless Steel Slides		●	
Telescopic Slides		●	
Tolerance Rings			●

# Surgical Equipment

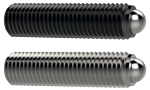
The demands placed on surgical equipment - where precision, hygiene, repeatability, and reliability are critical, requires components that must withstand frequent sterilisation, resist corrosion, and provide secure, accurate positioning. Our stainless-steel linkages, fasteners, and positioning solutions enable smooth articulation, precise alignment, and dependable performance in demanding surgical settings.

Our high-quality, stainless-steel components combine durability with precision engineering, along with consistent quality, and a reliable supply chain which will help manufacturers streamline design, maintain compliance, and produce surgical equipment that operates safely, efficiently, and with long-term reliability.





**Wixroyd** | [wixroyd.com](http://wixroyd.com)



**34041**

Thrust Screws  
- Ball Ended



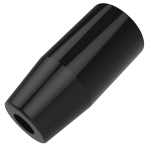
**74460**

Adjustable  
Clamping Levers



**32200**

Spring Plungers



**75010**

Cylindrical  
Handles



**32300**

Spring Plungers



**32730**

Index Plungers  
- Pull Grip



**Automotion** | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



**R3532**

Stainless DMG  
Ball & Socket  
Joint



**R3576**

Stainless Low  
Cost Rod Ends



**R3696**

Stainless Double  
Universal Joint



**P0090**

Vented Screws  
- Cap Head



**P0061**

Stainless  
Hexagonal Pillars



**P0225**

TX Countersunk  
Machine Screws



**P0208**

Ultra Low Head  
Cap Screws



**R3402**

Stainless Clevis  
Joint





## Where can I find these components?



**Wixroyd** | [wixroyd.com](http://wixroyd.com)



**Automotion** | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



**Teknipart** | [teknipart.co.uk](http://teknipart.co.uk)

# Application Selection Chart

## Surgical Equipment

● Wixroyd 
 ● Automotion 
 ● Teknipart

	Articulated Movement & Linkage	Controlled Adjustment	Structural & Alignment Components
Ball & Socket Joints	●		
Clamping Levers		●	
Clevis Joints & Clips	●		
Cranked & Revolving Handles		●	
Dowel Pins			●
Handwheels		●	
Index Plunger & Pins		●	
Locating Pins			●
Nuts			●
Nylon Washers			●
Other Pins	●		
Pins & Spacers			●
Rigid Couplings	●		
Rod Ends	●		
Shoulder Screws	●		
Spring Plungers		●	
Standard Screws			●
Tenons, Locating Pads & Drill Bushes			●
Thrust Screws		●	
Thumb Screws		●	
Universal Joints	●		
Washers			●

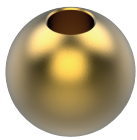
# Laboratory & Cleanroom Equipment

Laboratory and cleanroom environments have a strict requirement to ensure cleanliness, precision, and reliability. Components must minimise particle generation, resist corrosion, and maintain dimensional stability. Our range of fasteners are designed for vacuum and contamination-sensitive applications. Precision motion components ensure smooth, accurate movement, while tolerance rings and extractable dowel pins provide secure, repeatable positioning in critical assemblies.

With a focus on material integrity, accuracy, and reliable lead times, our solutions help maintain clean, efficient, and repeatable workflows - enabling laboratories and cleanrooms to operate safely and without compromise.



**Wixroyd** | [wixroyd.com](http://wixroyd.com)



**20070**

Coolant Nozzles  
Brass Balls



**36340**

Location Pins



**Teknipart** | [teknipart.co.uk](http://teknipart.co.uk)



**N0007.91N**

Socket Cap  
Screws



**N0028.55N**

Enclosed Slotted  
Screw Set Flat  
Point



**N0019.19N**

Pozi Countersunk  
Screw



**Automotion** | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



**L1010  
& L1010.C**

Miniature Linear  
Rail & Carriage



**L1375**

Ball Screws



**P0512.NP**

Slotted Cheese  
Head Screw



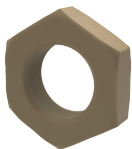
**P1213**

Stainless  
Extractable  
Dowel Pins



**P0396**

Tolerance Rings  
- Hole Variable -  
HV Type



**P0502.NP**

Hexagon Nuts



**P0504.NP**

Male-Female  
Hex. Spacers



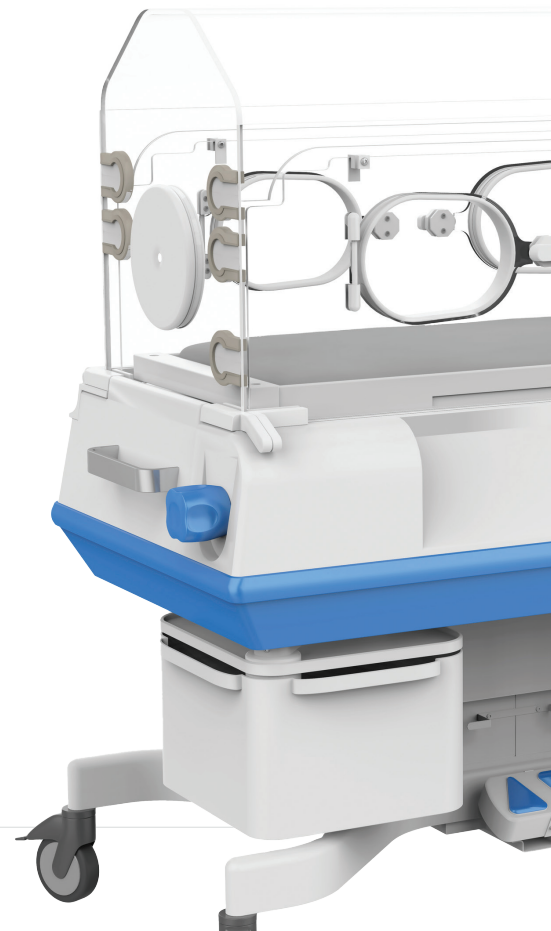
**P0510.NP**

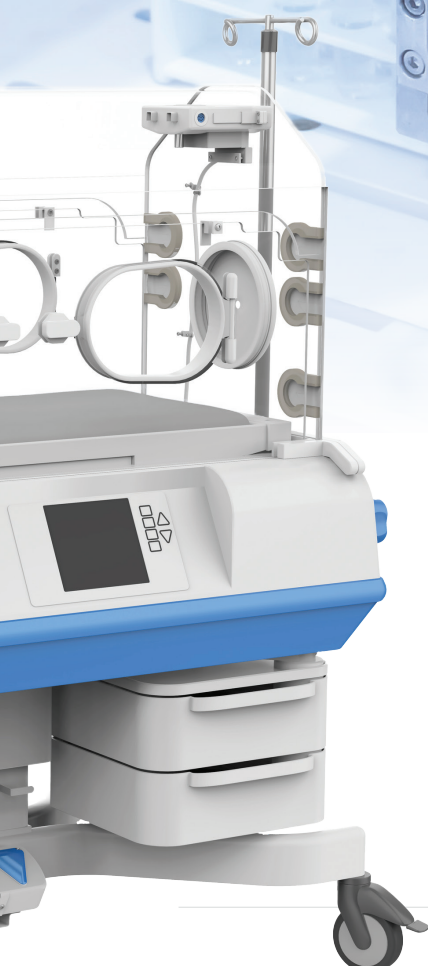
Washers



**P0530.NP**

Cap Head Vented  
Screws





### Where can I find these components?



**Wixroyd** | [wixroyd.com](http://wixroyd.com)



**Automotion** | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



**Teknipart** | [teknipart.co.uk](http://teknipart.co.uk)

# Application Selection Chart

## Laboratory & Cleanroom Equipment

● Wixroyd 
 ● Automotion 
 ● Teknipart

	Contamination & Chemical Resistance	Precision Alignment & Repeatability	Controlled Fluid/Air Systems
Ball & Screw Nuts		●	
Bearing Mounts		●	
Caps, Plugs, Masking & Inserts	●		
Coolant Nozzles			●
Dowel Pins		●	
Linear Guideways		●	
Locating Pins		●	
Nylon Screws	●		
Nylon Set Screws	●		
Nylon Spacers	●		
Nylon Washers	●		
PEEK	●		
Sealing Screws	●		
Set Collars		●	
Tolerance Rings		●	

# Furniture & Patient Handling

Furniture and patient handling equipment demands strength, stability, hygiene, and safety. Components must withstand frequent cleaning and daily operational stress while minimising the risk of slips, tipping, or unintended movement. Our range of equipment mounting and handling components ensures secure, stable positioning and intuitive control, supporting reliable, long-lasting performance.

Our solutions simplify maintenance, ensure patient safety, enhance operator comfort, and help equipment meet rigorous healthcare standards. From precise adjustments to vibration reduction, our products reduce operational risk and improve everyday functionality.





**34771**

Hygienic  
Levelling Feet



**34772**

Hygienic  
Levelling Feet



**34775**

Hygienic  
Levelling Feet  
- Bolt Down



**34721  
& 34741**

Levelling Feet  
(Steel & S/S)



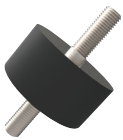
**34770**

Machine Mounts -  
with Hygienic Seal



**34980**

Stainless Machine  
Mounts - Rubber  
Base



**61042**

Anti-Vibration  
Cylinders



**73170**

Mushroom  
Knobs



**70042**

Palm Grips



**70620**

Three Lobed  
Knobs



**37460**

Thumb Knob



**79120**

Pull Handles



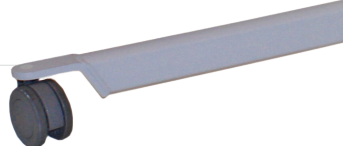
**74460**

Adjustable  
Clamping Levers



**79350**

Equipment  
Handles





## Where can I find these components?



Wixroyd | [wixroyd.com](http://wixroyd.com)



Automotion | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



Teknipart | [teknipart.co.uk](http://teknipart.co.uk)

# Application Selection Chart

## Furniture & Patient Handling

● Wixroyd ● Automotion

	Structural Stability	User Interaction & Adjustment
Anti-Vibration Cylinders	●	
Levelling Feet	●	
Machine Mounts	●	
Grips		●
Handwheels		●
Thumb Screws		●
Clamping Levers		●
Pull Handles		●
Cranked & Revolving Handles		●

# Medical Device Manufacturing

Medical device manufacturing demands the highest levels of precision, reliability, and material integrity. Components must operate consistently under repetitive use, withstand cleaning and sterilisation processes, and maintain exact tolerances to ensure device safety and performance. Our range of stainless-steel motion systems, fastening, and clamping solutions offer smooth, controlled motion and accurate positioning, supporting secure assembly, repeatable alignment, and long-lasting operation in medical applications.

By providing a single source for these components, the Wixroyd Group helps reduce production risks, and deliver devices that meet stringent standards – supporting both operator confidence and patient safety.





**35490**

Grippers -  
Hard Tool Steel



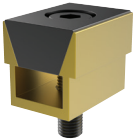
**18582.2**

Eccentric Levers  
- Male



**30090**

Centering Pins



**12130**

Uniforce Clamps



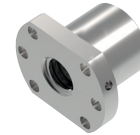
**R3563**

Stainless  
Heavy-Duty Rod  
Ends - Male



**R3576**

Stainless Low  
Cost Rod Ends



**L1370**

Flanged  
Ball Nuts



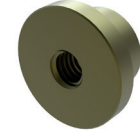
**L1375**

Ball Screws



**L1010  
& L1010.C**

Miniature Linear  
Rail & Carriage



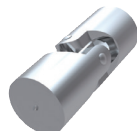
**L1332**

Plain Flanged  
Bronze Nuts



**L1325**

Stainless 304  
Lead Screws



**R3695**

Stainless 304  
Single Universal  
Joint



**R3696**

Stainless Double  
Universal Joint





## Where can I find these components?



**Wixroyd** | [wixroyd.com](http://wixroyd.com)



**Automotion** | [automotioncomponents.co.uk](http://automotioncomponents.co.uk)



**Teknipart** | [teknipart.co.uk](http://teknipart.co.uk)

# Application Selection Chart

## Medical Device Manufacturing

● Wixroyd
 ● Automotion

	Motion Systems	Tooling & Production Fixtures
Ball & Screw Nuts	●	
Clamping		●
Dowel Pins		●
Lead Screws & Nuts	●	
Linear Guideways		●
Grippers & Rest Pads		●
Rod Ends	●	
Tenons, Locating Pads & Drill Bushes		●
Universal Joints	●	
Toggle Clamps		●

# In-House Manufacturing & PEEK Capabilities

Our range of precision fasteners; sealing, captive, shoulder and vented screws benefit from being manufactured in-house at our Chichester site. Our CNC lathes are working day and night to produce our wide selection in many sizes and materials, including stainless steel and PEEK. With our custom manufacturing software working seamlessly with our warehouse and ordering systems, we can offer significantly lower average lead times. We can

custom make special executions of our standard fasteners; varying thread length, thread size and material with efficient production times.

**Get in touch with our technical team to discuss your ideas.**

**[sales@wixroyd.com](mailto:sales@wixroyd.com) | 0333 207 4497**



## Sealing Screws

Provides sealing protection to systems.



## Captive Screws

Available in stainless AISI 303 & 316.



## Shoulder Screws

For applications requiring precise alignment.



## Vented Screws

Ideal for vacuum system applications.



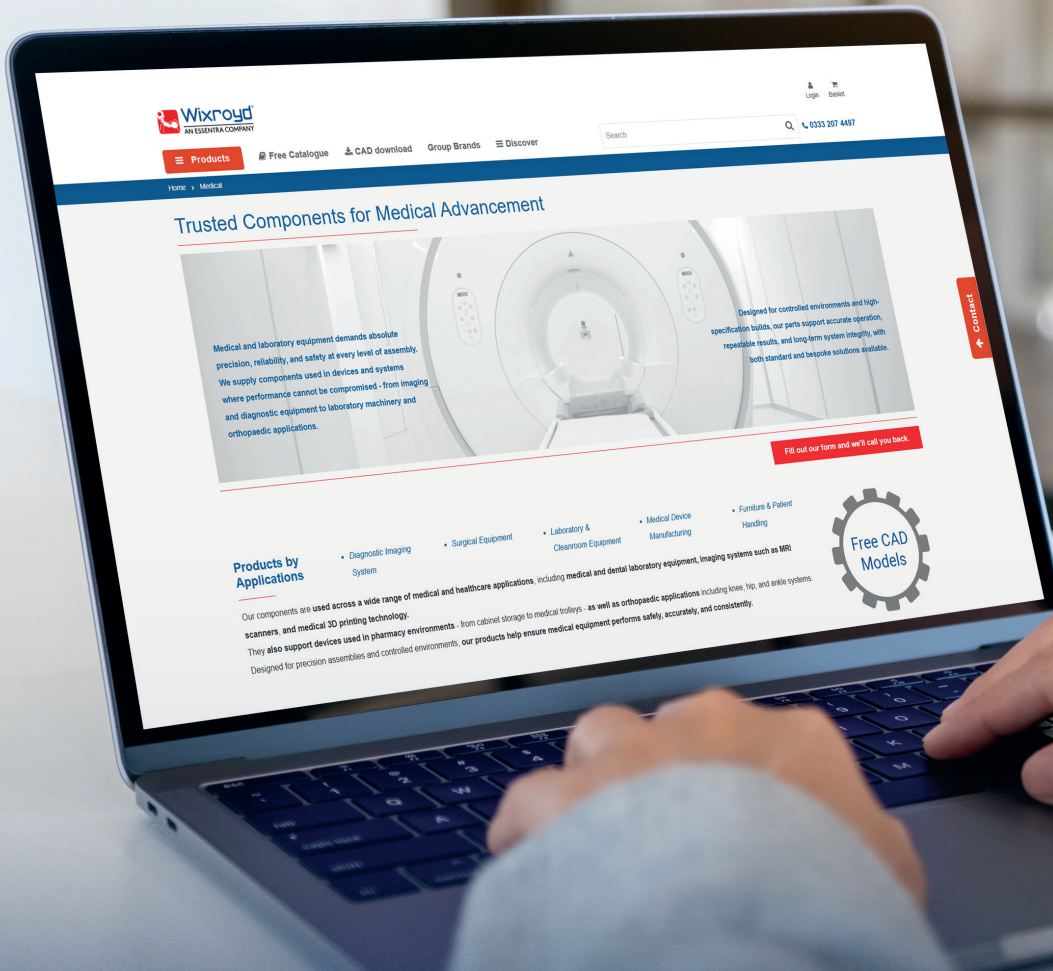
## PEEK Screws

Also available in blue and green (hygienic and medical)



## PEEK Washers

Also available in blue and green (hygienic and medical)



Scan the QR code for more information



## Wixroyd Group Ltd

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please email [marketing@wixroydgroup.com](mailto:marketing@wixroydgroup.com)

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