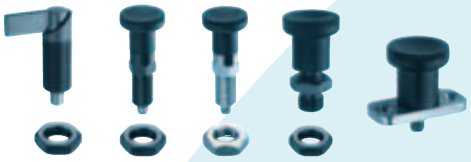
Wixroyd Index Plungers

OUR MOST POPULAR MODELS

A wide variety of standard index plungers offer a range of application possibilities where accuracy and ease of use are the key factors.

- Locking Mechanism



- Locking Mechanism

PRECISION INDEX PLUNGERS

Precision index plungers with bushes are a perfect combination for quick positioning and fixing. The precise finish of both plungers and bush guarantees a high degree of accuracy in repeat positioning.

- Locking and Non-Locking Versions Available

SIMPLE FINISH INDEX PLUNGERS

Where budget not accuracy is the critical factor, these simple finish index plungers offer effective positioning at a lower level of accuracy. Made of galvanised steel they are available with either a simple ring-pull or more ergonomic plastic knob.

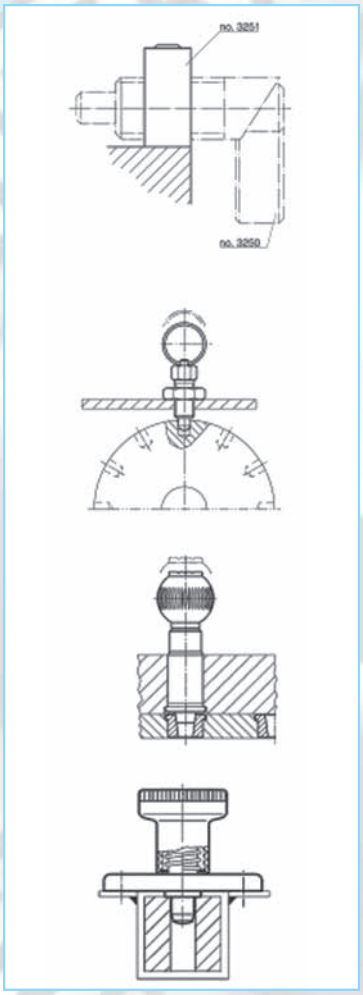
USES

- Locating & positioning
- Indexing
- Securing
- Positive locking
- Rapid adjustment of all kinds of tables, platforms & fixtures

USES

- Machine & fixture design
- OEM products
- Sports equipment
- Medical aides (wheel chairs etc.)
- Aerospace
- Machine cabinets

USES



NEW

TO ASSIST YOU IN YOUR SELECTION ...

We have a wide selection of index plungers, there is always likely to be a solution for your application. To help you make the best selection we have put together our index plunger selection chart, please use the following pages to help you with your choice.

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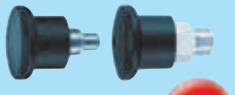
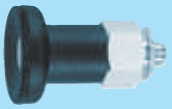
Wixroyd Index Plungers
selection chart - part 1

To assist you in selecting the most suitable index plunger for your application we have provided the following summary of features on our many different models - full details and dimensions are found on the individual product pages.

Model	Avai. Versions	Pin Ø/Stroke	Assembly	Tolerances	Material
3246 Precision index plunger with cylindrical pin 	Locking & Non-locking.	10 Ø/10 to 25 Ø/10	Plunger has mounting surface tolerance n6.	Pin tol.: -0,005/-0,01 Use matching bush for positioning.	Body: Case hardened steel, ground. Pin: Case hardened steel, ground
	Application Notes: Precise finish of both index plunger, index plunger pin and matching bush guarantees high repetition accuracy, for high tolerance applications. To achieve precise positioning, ball grip is glued after assembly (fitting instructions supplied).				
3248 Precision index plunger with tapered pin 	Locking & Non-locking.	10 Ø/6 to 25 Ø/6	Plunger has mounting surface tolerance n6.	Pin: tapered to accom mis-alignment of parts. Use matching bush for positioning	Body: Case hardened steel, ground. Pin: Case hardened steel, ground
	Application Notes: Precise finish of both index plunger, index plunger pin and matching bush guarantees high repetition accuracy, for high tolerance applications. To achieve precise positioning, ball grip is glued after assembly (fitting instructions supplied). tapered bush accommodates mis-alignment of parts.				
3250 Index plunger with cam action 3250 steel & stainless models 	Locking.	5 Ø/8 to 12 Ø/12	M12 x 1,5 to M20 x 1,5	Pin tol.: -0,02/-0,04 Pin hole tol.: H7	Steel Model -Body: Free cutting steel, blackened. Pin: hardened. Stainless model - Body: stainless 1.4305 (A303) Pin: stainless 1.4305 (A303), hardened
	Application Notes: Turning the index lever 1800 retracts pin, lever can be secured via the notched catch. Optional plastic grip improves handling.				
3252 Index plunger with cam action & mounting flange  NEW	Locking.	6 Ø/10 to 12 Ø/12	Via double sided flange for left or right mounting.	Pin tol.: -0,02/-0,04 Pin hole tol.: H7	Body: free cutting steel, blackened Pin: hardened
	Application Notes: Turning the index lever 1800 retracts pin, lever can be secured via the notched catch. Optional plastic grip improves handling. Mounting flange on all models is double sided for assembly from either side.				
3255 Index plunger simple finish - with pull-ring 	Non-locking.	4 Ø/4 to 8 Ø/8	M6 to M12	Pin tol/: h9 Pin hole tol.: +0,03/+0,08	Body: Steel, galvanised Pin: Stainless, 1.4305 (A303)
	Application Notes: For less precise applications, pin retracted via ring pull. Smaller body dimensions offer solutions to applications with restricted space.				
3257 Index plunger simple finish - with grip 	Locking & Non-locking.	4 Ø/4 to 8 Ø/8	M6 to M12	Pin tol.: h9 Pin hole tol: +0,03/+0,08	Body: Steel, galvanised Pin: Stainless, 1.4305 (A303)
	Application Notes: For less precise applications, pin retracted via knob. On locking model, pulling out and turning of knob 900 secures pin in retracted position. Smaller body dimensions offer solutions to applications with restricted space. Plastic knob cannot be sassembled.				
3260 Index plunger mini  NEW	Locking & Non-locking.	Ø4/5 to Ø7/7	M8 x 0,75 to M10 x 1,0	Pin tol.: h7 Pin hole tol.: G6	Body: Steel, galvanised Pin: Stainless, 1.4305 (A303)
	Application Notes: Ideal for the tightest of applications. Particularly suited for use in thin walled parts. On locking model, pulling out and turning of knob 300 secures pin in retracted position. Plastic knob can not be disassembled. Use distance collars 3275 for accurate positioning of pin distance.				

Wixroyd Index Plungers
selection chart - part 3

Model	Avai. Versions	Pin Ø/Stroke	Assembly	Pin Tolerances	Material
3273 Index plunger, short with hexagon collar steel & stainless models 	Locking & Non-locking.	6 Ø/6 to 8 Ø/8	M12x 1,5 to M16 x 1,5	Pin tol.: -0,02/-0,04 Pin hole tol.: H7	Steel model: Body: free cutting steel, blackened. Pin: Steel, hardened. Stainless model: Body: stainless 1.4305 (A303) Pin: stainless 1.4305 (A303), hardened
Application Notes: Compact size of plunger achieved through integration of locking mechanism under knob head. On locking model, pulling out and turning of knob by 90° secures pin in retracted position. Plastic knob cannot be disassembled. Use distance collars 3275 for accurate positioning of pin distance.					
3274 Index plunger without hexagon collar steel & stainless models 	Non-locking.	5 Ø/5 to 10 Ø/10	M10 x 1,0 to M20 x 1,5	Pin tol.: -0,002/-0,04 Pin hole tol.: H7	Steel Model: Body: Free cutting steel, blackened. Pin: hardened. Stainless model: Body: stainless 1.4305 (A303) Pin: stainless 1.4305 (A303), hardened
Application Notes: Omission of hex collar increases available thread for assembly. Plastic knob cannot be disassembled. Use distance collars 3275 for accurate positioning of pin distance.					
3276 Index plunger with screwed flange 	Locking & Non-locking.	6 Ø/6 to 8 Ø/18	Assembly via mounting flange.	Pin tol.: -0,02/-0,04 Pin hole tol.: H7	Body: free cutting steel, blackened Pin: steel, hardened
Application Notes: Compact and low height design.					
3277 Index plunger for thin walled parts NEW 	Locking & Non-locking.	6 Ø/6 to 8 Ø/7,5	Assembly via hole of Ø10 and Ø12, and fixing via fastening nut/collet.	Pin tol.: -0,02/-0,04 Pin hole tol.: G7	Body: free cutting steel, blackened Pin: stainless, 1,4305 (A303)
Application Notes: Compact size of plunger achieved through integration of locking mechanism under knob head. On locking model, pulling out and turning of knob by 90° secures pin in retracted position. Ideal for thin walled applications, mounting via fixing nut/collar from underside of surface. Plastic knob cannot disassembled.					