



Pricing pressure ? Margins pressure ?  
Competition from low-wage countries ?

## The smart move from set-up time to productivity!

# QUIRI<sup>Point</sup> Zéro

Change parts with the accuracy of QUIRI<sup>Point</sup>  
Zéro Point Zéro clamping systems.

<b>Example:</b>			
Assuming: 200 working days machining hour € 80.–	Set-up change conventional	Set-up change with QUIRI <sup>Point</sup> Zéro	
	<b>20 Min.</b> machine down time	<b>2 Min.</b> machine down time	
			
			additional earning with QUIRI <sup>Point</sup> Zéro
<b>Sample 1:</b>	per year	per year	
1 machine			
1 shift			
2 set-up change / shift	133 h	13,3 h	120 h € 9576.–
4 set-up change / shift	266 h	26,6 h	239 h € 19152.–
<b>Sample 2:</b>	per year	per year	
5 machine			
2 shift			
2 set-up change / shift	1330 h	133 h	1197 h € 95760.–
4 set-up change / shift	2660 h	266 h	2394 h € 191520.–

# Zero-point clamping

**QUIRI** Point  
Zéro

**PZ**

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The zero-point clamping system with patented collet lock

**PZ 20**

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Pull-in force per unit: **12'500 N**  
Retention force per unit: **40'000 N**

**PZ 30**

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Pull-in force per unit: **20'000 N**  
Retention force per unit: **60'000 N**

**PZ 50**

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Pull-in force per unit: **30'000 N**  
Retention force per unit: **90'000 N**

**PZA 30**

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Pull-in force per unit: **20'000 N**  
Retention force per unit: **60'000 N**

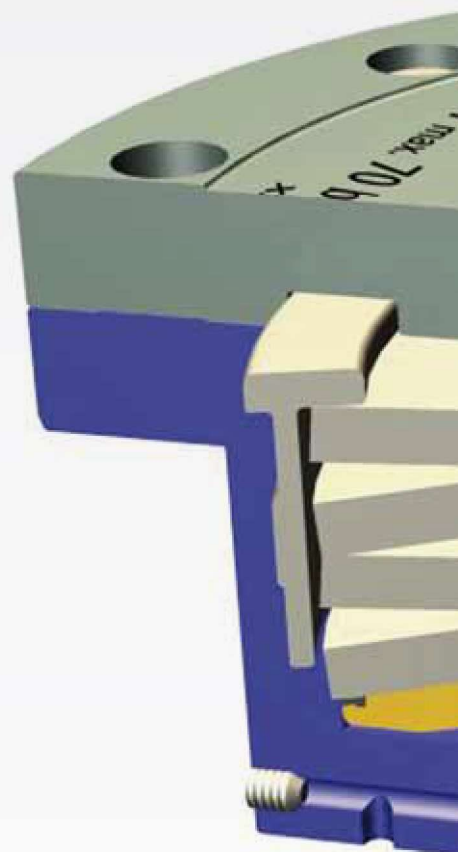
# The only Zero-point clamping system with a patented collet lock.

**QUIRI** Point  
Zéro

**PZ**  
patented collet lock

Developed for you  
Made of cold-work corrosion resistant steel Approved design, umpteen thousand sold

The modular **QUIRI** build up not just guarantees enormous time and cost savings but assures great flexibility in production. The unique interface enables setups where they actually belong, outside the machine tools, without blocking any machining time. Whether it is measuring, turning, milling, grinding or edming, with **QUIRI** your production is much more flexible, while costs and delivery time are reduced. Our long time experience on Zero point workholding permits us to quote cost efficient premium solutions specifically designed to your needs.

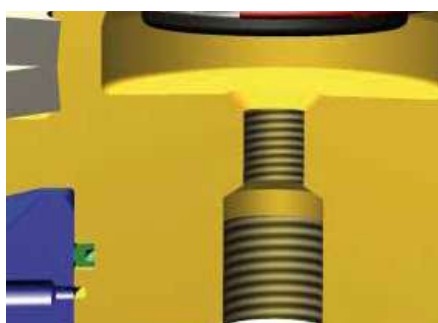


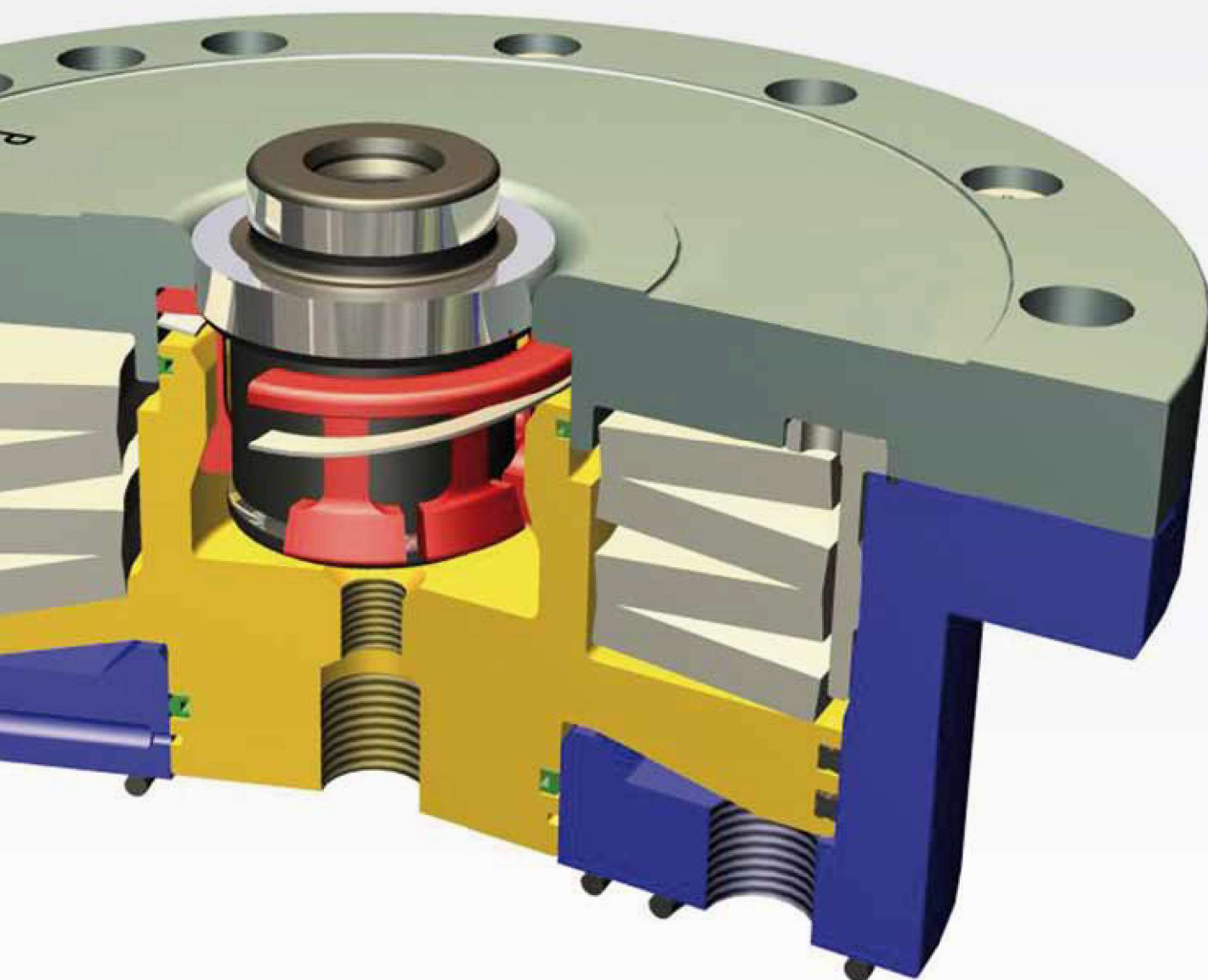
## **QUIRI** with power and safety

		pull-in force per unit	retention force per unit	piston position control
<b>QUIRI</b> PZ 20		12'500 N	40'000 N	✓
<b>QUIRI</b> PZ 30		20'000 N	60'000 N	✓
<b>QUIRI</b> PZ 50		30'000 N	90'000 N	✓

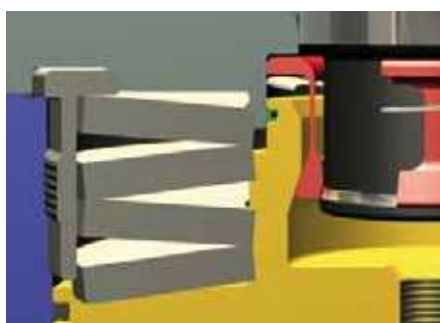
Air-blast and piston position monitoring: Process reliability.

Superior form fit clamping with collet lock.

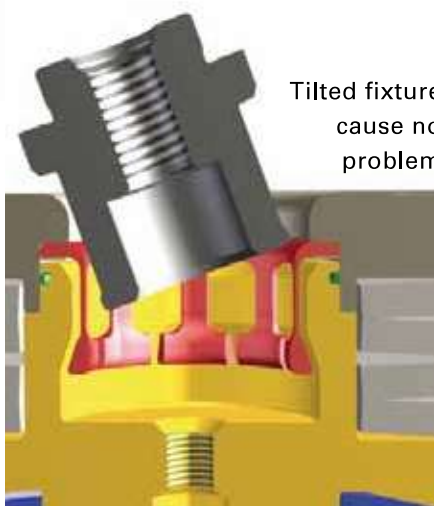




Highest pull-in and retention forces.  
Mechanically clamped by disc  
springs released by hydraulic



Tilted fixture  
cause no  
problem



Push up function produces  
easy handling

