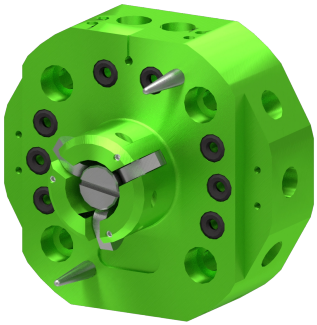

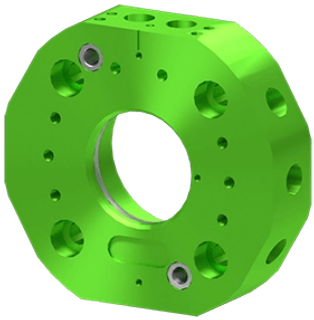

Feature

	Master Adaptor	Tool Adaptor
Reference	ER63	ET63
Payload	50 kg	
Moment - Mx, My	112 Nm	
Moment - Mz	220 Nm	
Size	85x85x48 mm	85x85x48 mm
Weight	0.600 kg	0.600 kg
Couple/uncouple port	G1/8	n/a
Repeatability - X, Y	0.020 mm	
Repeatability - Z	0.020 mm	
Maximum Axial Tensile Force (no damage if exceeded)	3.336N @ 0 barcouple port input pressure	

Operating conditions

Operating temperature	5-60°C
Operating pressure	6 bar ±1
User pneumatic pressure	6 bar ±1

EPSILON EXCEPTIONAL LIFTING FORCE FOR A SMALL FOOTPRINT

The line was designed to be a comprehensive family of tool changers that cover the entire range of the current CXC, MXC and Sigma tool changers we already make (ranging from 10kg. to 1,500kg.)

This is a Tool Changer Evolution. Our cam design has stood the test of time and even with extensive research; we couldn't do anything better. In fact, we are so confident in our locking mechanism that we offer a lifetime guarantee on it. We also made sure to incorporate new market requirements and customer feedback to design these tool changers; that's why we extended the availability of couple/uncouple sensing and came up with a direct bolt design to limit the need of adaptor plates.

Advantages

High Strength Aluminum Alloy Body

Cam Locking Mechanism with :

- Lifetime Guarantee
- Self-Centering
- Wear Compensating
- Self-Cleaning
- Positive Cam Retraction

Optional Couple/Uncouple Sensing

Optional Tool Present Sensing

8x G1/8 User Pneumatic Ports

Benefits

Maximul robot payload still available

Reduced maintenance cost

Minimized total cost of ownership

Easier installation, less accessories costs

pes product engineering services
Zoning de la Rivièrette, 65
7330 Saint-Ghislain (Belgium)
T : +32 (0)65 76 40 40
E : service@pes-sa.com