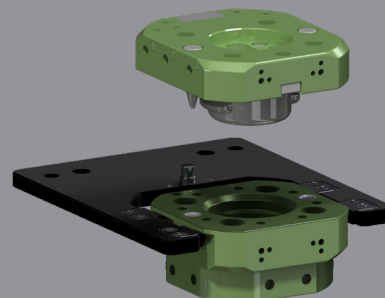


XCHANGE® Auto Coupler Tool Changer

The Auto Coupler is a mechanical connection systems that allows for fully automatic tool changing. Locking and unlocking is activated through the robots own movement, without the need for external energy sources to perform a tool change.

Advantages:

- Robot movement activates the locking and unlocking mechanism
- Robustness
 - o Constructed from high strength anodized aluminum
- Fully automatic end-of-arm tool changer
- High repeatability
- Durable and reliable - provides over 1,000,000 changing cycles
- Robot movement activates the locking and unlocking mechanism
 - o No external energy required
- Integrated pneumatic feedthroughs
- Optional utility module(s) for electric feedthrough



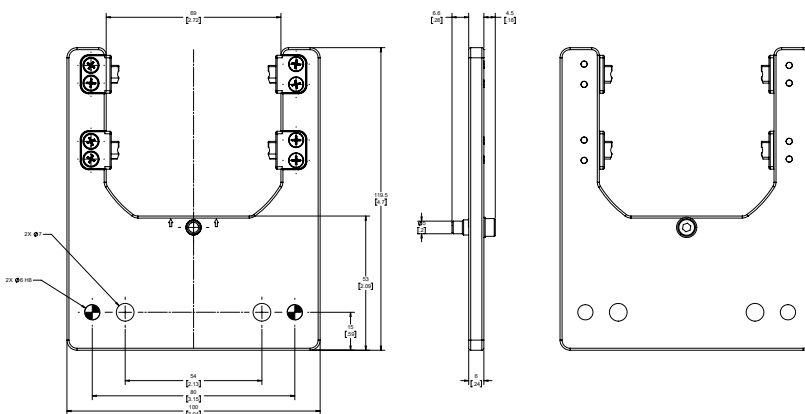
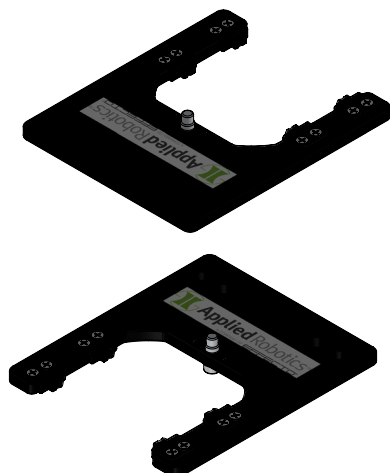
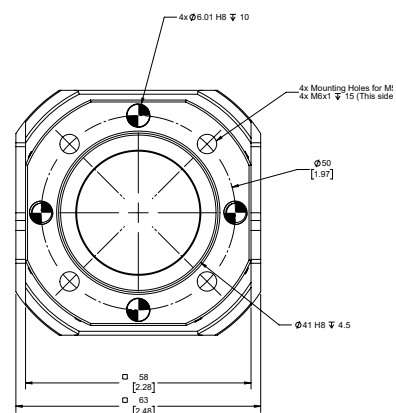
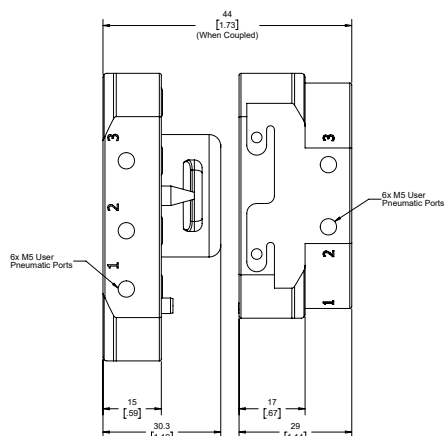
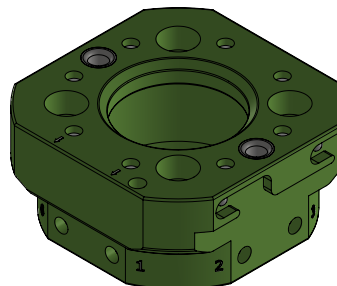
SPECIFICATIONS

Model	Rated Payload	Operating Moment (Mx, My)	Operating Torque	Locking Force	Tensile Force	Compression Force	Repeatability	User Pneumatic Ports	Max User Pneumatic Pressure
AC050	15 kg	59 Nm	69 Nm	30-100 N	1875 N	65 kN	± 0.02 mm	6 x M5	-1 bis 8 bar
	33.07 lb	522.19 in-lb	610.70 in-lb	6.74 - 22.48 lb	421.52 lb	14612.58 lb	± 0.0008 in		-14 bis 116 psi

Noise Emission (Sound Pressure) ≤ 40 dB(A) in any direction

Recommended Operating Environment 0-40 °C (32-104 °F), < 85% RH

TOOL ADAPTOR MODULE



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