


variables/V-color

## **Magnetic Tool | M Series | M30 2.0**



 **magswitch**

P/N: 81401590  
V00 2.0  
H3002

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## Feature

### M30 2.0

<b>Weight</b>	0.47 kg
<b>Max Breakaway <sup>1</sup></b>	729.00 kg
<b>Optimal material thickness</b>	4.00 mm
<b>Max shear</b>	157.00 kg
<b>Overall Height</b>	101.20 mm
<b>Magnetic pole footprint</b>	42mm x 31.2mm

<sup>1</sup> Safety factor 2:1

<sup>2</sup> Safety factor 4:1

**Notice :** The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

## Maximize robotic magnetic automation with the M30 2.0 pneumatic gripper.

The powerful M30 2.0 magnetic gripper is revolutionizing the robotic automation industry with its compact and secure design. This high-performance pneumatic magnet is equipped with rare-earth magnets with a shallow field for superior holding force, ensuring a secure transfer of ferrous parts without slipping or shifting, even with contaminated materials (oily or fluid-coated). It is ideal for automated robotic systems, particularly pick and place operations, end-of-arm tooling (EOAT), material handling in automotive body-in-white (BIW) applications, press transfers, part flipping stations, and collaborative robot (COBOT)

applications.



### **Advantages**

- Double effect pneumatic actuator offering high duty cycle
- Custom pole shoes offer mechanical function integration capability
- Intrinsic safety thanks to 183° movement for natural lstop locking



### **Benefits**

- Limited maintenance costs
- Reduced cycle time
- Controlled integration costs



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