# **MAGNETIC GRIPPER SERIES HM1000**

## PRODUCT ADVANTAGES



# Secure hold during EMERGENCY STOP

Magnets attached to springs ensure your workpiece remains secure, even during a drop in pressure

# Contact plate that increases friction value

The replaceable O-ring ensures the high dynamics in your application and protection of your workpiece

#### Residual holding force < 1N</p>

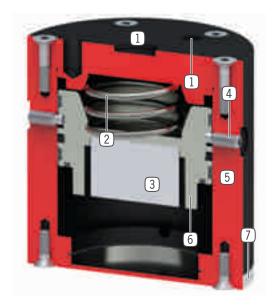
The demagnetised contact surface safeguards the process reliability of dropping off your workpiece

# > SERIES CHARACTERISTICS

Installation size	Version
HM10XX	NC
5 million maintenance-free cycles (max.)	•
IP 30 IP30	•



# **BENEFITS IN DETAIL**



#### 1 Mounting and positioning

- via centering sleeve and thread

#### 2 Spring

- for piston return
- secured holding even in drop pressure

#### 3 Permanent magnet

- requires no power supply
- high holding forces
- 4 Transport safeguarding
- (5) Robust, lightweight housing
  - Hard-coated aluminum alloy

# 6 single-acting pneumatic cylinders

- only one pneumatic line required
- Spring return

#### 7 Contact plate

- easy replaceable
- embedded O-ring to increase the friction coefficient

# ► TECHNICAL DATA

	Adhesive force max.	Weight	IP class
Installation size	[N]	[kg]	
HM1030	27	0.06	IP30
HM1046	65	0.28	IP30
HM1078	220	1.2	IP30
HM1097	450	2.2	IP30

# ► FURTHER INFORMATION IS AVAILABLE ONLINE



All information just a click away at: www.zimmer-group.com. Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.

# **MAGNETIC GRIPPER INSTALLATION SIZE HM1078**

#### ► PRODUCT SPECIFICATIONS



#### **► INCLUDED IN DELIVERY**



2 [piece] C091505129



2 [piece] Dummy plug **CPNEU**00536

# ► RECOMMENDED ACCESSORIES



# **ENERGY SUPPLY**



# **CONNECTIONS / OTHER**



GV1-8X8 Straight Fittings - Quick Connect Style



KG60ST Ball Joints Steel



# **CONNECTIONS / OTHER**



ZE15H7X4 Centering Disc



KG60

	► Technical data
Order no.	HM1078NC
Adhesive force max. [N]	220
Operating pressure min. [bar]	3
Operating pressure max. [bar]	8
Operating temperature min. [°C]	5
Operating temperature max. [°C]	+80
Air volume per cycle [cm³]	75
Weight [kg]	1.2

