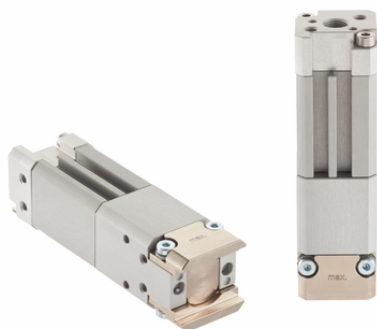


Art.-Nr.: 10.01.17.00612

**Technical data**

Attribute	Value
Holding force	231.0 N
Size	30
Pressure range (operating pressure) [bar]	2.5 ... 6.0 bar
Socket	G1/8"-F

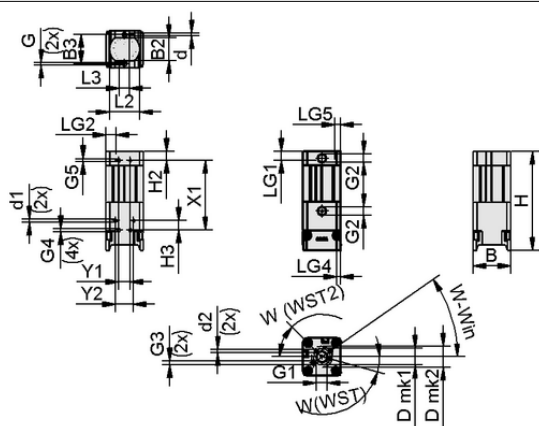
SGM-HPm 30 G1/8-IG

The magnetic gripper SGM-HPm is delivered assembled. The product consists of:

- Gripper type SGM-HPm
- Gripping element for maximum holding force on thin workpieces

Available spare parts: gripping elements

Available accessories: proximity switch, holding system HTS, gripping elements for 3D surfaces and centering pins (customized, on request), gripping elements for destacking sheets with different thicknesses

**Design data**

Attribute	Value
Length L2	20.50 mm
Width B2	15.00 mm
Width B	30.00 mm
Height H2	9.70 mm
Height H	105.30 mm
Internal diameter d1	3.1 mm
d2	3.1 mm
Internal diameter d	3.05 mm
Thread G1	G1/8"-F
Thread length LG1	8.5 mm

Design data SGM-HPm 30 G1/8-IG



Art.-Nr.: 10.01.17.00612

**Technical data**

Attribute	Value
Weight	278.0 g
Installation position	BEL
Holding force	231.0 N
Remaining holding force	0.3 N
Pressure range (operating pressure) [bar]	2.5 ... 6.0 bar
Operating temperature	5 ... 70 °C
Sheet thickness optimum for holding force max.	2.00 mm
Control valve	Bistable
Angle	35.0 °

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.17.00612**Ordering Data Accessories 10.01.17.00612**

Typ		Item number
Gripping element SGM	GR-E SGM-HPm 30 DES 0.7 SET	10.01.17.00684
Gripping element SGM	GR-E SGM-HPm 30 DES 0.5 SET	10.01.17.00685
Gripping element SGM	GR-E SGM-HPm 30 CP9.6 SET	10.01.17.00690
Proximity switch	NAEH-SCHA SMAGN 10-30V-DC	10.01.17.00614
Assembly set	SET SGM-HPm EINR	10.01.17.00647
Smart Device Interface	SDI IOL M12-5 24V-DC 24V-DC	21.10.02.00017
Proximity switch	NAEH-SCHA SMAGN-PNP S051 300	10.01.17.00199
Proximity switch	NAEH-SCHA SMAGN-NPN S050 300	10.01.17.00215
Connection cable	ASK-S B-M8-4 1500 S-M12-4 PUR	21.04.05.00075
Holder system	HTS-AE SGM-HPm 30/40 OP MS	10.01.17.00645
Holder system	HTS-AE SGM-HPm 30/40 OP MA	10.01.17.00642
Holder system	HTS-A2 SGM-HP 30/40 OP	10.01.17.00567
Holder system	HTS-A3 SGM-HP 30/40 OP	10.01.17.00557
Holder system	HTS-A5 SGM-HP 30/40 OP	10.01.17.00563
Holder system	HPS-SGM-HP 2M8 30/40 OP	10.01.17.00651

**Ordering Data Spare Parts 10.01.17.00612**

Typ		Item number
Gripping element SGM	GR-E SGM-HPm 30 max. SET	10.01.17.00676

