

O-RING ASSEMBLY GRIPPER, INNER

INSTALLATION SIZE GSI206

▶ PRODUCT SPECIFICATIONS



▶ INCLUDED IN DELIVERY



Centering Disc

DST06510

▶ RECOMMENDED ACCESSORIES



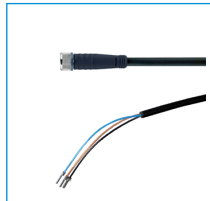
Magnetic field sensor
Angled Cable 5 m

MFS103KHC



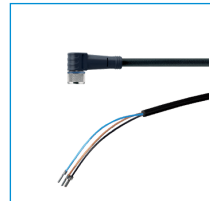
Magnetic field sensor
Angled Cable 0,3 m -
Connector M8

MFS103SKHC



Plug-in connector Straight
Cable 5m - Socket M8
(female)

KAG500



Plug-in connector Angled
Cable 5m - Socket M8
(female)

KAW500



Straight Fittings - Quick
Connect Style

GVM5



Plug-in connector customiz-
able Straight - Connector M8

S8-G-3



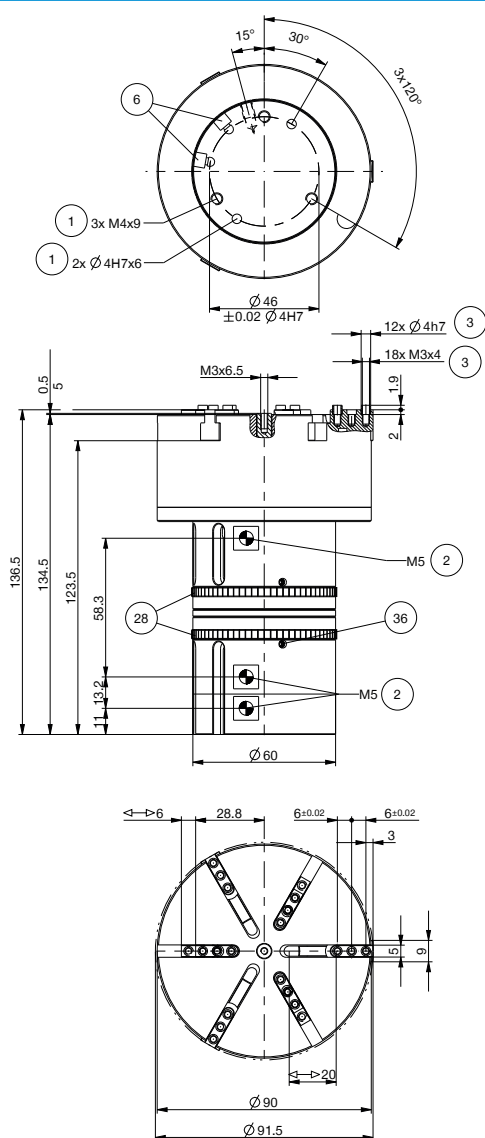
Plug-in connector customiz-
able Straight - Connector M12

S12-G-3

► Technical Data*

Order no.	GSI206
Stroke adjustable per jaw min. [mm]	6
Stroke adjustable per jaw max. [mm]	20
Opening stroke adjustable per jaw min. [mm]	1
Opening stroke adjustable per jaw max. [mm]	6
Stripping stroke [mm]	5
Opening force [N]	240
Possible O-ring diameter at cord size 1 [mm]	11-45
Possible O-ring diameter at cord size 2 [mm]	20-130
Possible O-ring diameter at cord size 3 [mm]	32-130
Possible O-ring diameter at cord size 4 [mm]	42-100
Number of gripping jaws [Quantity]	6
Operating pressure min. [bar]	3
Operating pressure max. [bar]	8
Operating temperature min. [°C]	5
Operating temperature max. [°C]	+80
Weight [kg]	1.1

*All data measured at 6 bar



- ① Gripper attachment
- ② Energy supply
- ③ Fixing for gripper finger
- ⑥ Integrated slot for magnetic field sensor
- ②⑧ Adjustment ring
- ③⑥ Arrestor for adjustment ring

O-RING ASSEMBLY GRIPPER, INNER SERIES GSI

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▶ PRODUCT ADVANTAGES



▶ **Concentration on the essentials**

Only pay for what you need - individual standard gripper specific to O-ring inside assembly

▶ **Adjustable expanding stroke**

Prevents the O-ring from overexpanding and ensures consistent production quality

▶ **Query about magnetic field sensor technology**

Detecting the end position allows you to have shorter cycle times and an integrated control system

▶ THE BEST PRODUCT FOR YOUR APPLICATION



▶ **Our products welcome the challenge!**

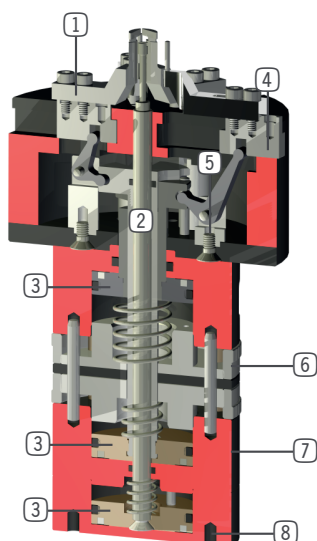
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► BENEFITS IN DETAIL



- ① **Spread jaws**
 - to position the O-ring in the groove of the workpiece
- ② **Ejector (piston rod)**
 - to remove the O-ring
- ③ **Driven by three single-acting pneumatic cylinders**
 - drive for grabber jaws
 - drive for spread jaws
 - drive for ejector
- ④ **Grabber jaw**
 - to grab the O-ring
- ⑤ **Force transfer**
 - via lever and connecting rod
- ⑥ **Stroke adjustment on grabber jaws**
 - prevents overstretching of O-ring during assembly
- ⑦ **Stroke on spread jaws**
 - adjustable to fit bore diameter of workpiece
- ⑧ **Mounting and positioning**
 - axial, on the gripper bottom

► FURTHER INFORMATION IS AVAILABLE ONLINE



► Technical Information

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.

