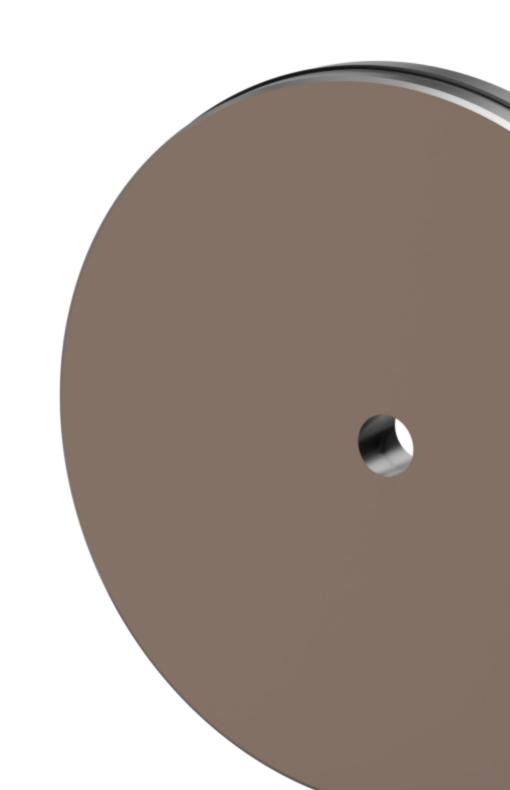
# Manual Robotic Tool Changers | Centering disc | ZS160-1

Sous titre Centering disk for robots ISO 160



Ensure perfect alignment with the ZS centering disc for smooth and efficient automation for your ISO 160 robots

The ZS centering disk is an essential element to ensure perfect alignment between the robot side and tool side assemblies. Available in several sizes, including ZS 50, ZS 63, ZS 80, ZS 100, ZS 125 and ZS 160, the disc is compatible with the connector of the same size. It is suitable for collaborative and manual robots in automation. It is important to note that the bolts are not sufficient to center and align the system, therefore the use of the ZS centering disc is recommended to obtain accurate and reliable results.

### Advantages

## Benefits

- Cost-effective
- Easy to use and quick installation/li>

# **Related industries**

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- Technical Info
- Drawings
- 3D

#### ZS160-1

<b>Operating temperature</b>	e -30 to +120 °C
Туре	Centering disc
Size	? 80 x 7.8 mm
Protection rating	IP40
Weight	0.109
Contact durability	50000 cycles
Materials	Al, anod. / O-Ring NBR
<b>Operating pressure</b>	-1 to 8 bar
<b>Electrical Ducts</b>	

**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.

#### No files actually

For more informations

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No files actually

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The manual Tool Changers are designed and manufactured by GRIP Gmbh.

Product Engineering Services is the Distributor of GRIP for the territory of Belgium and France

## Applications