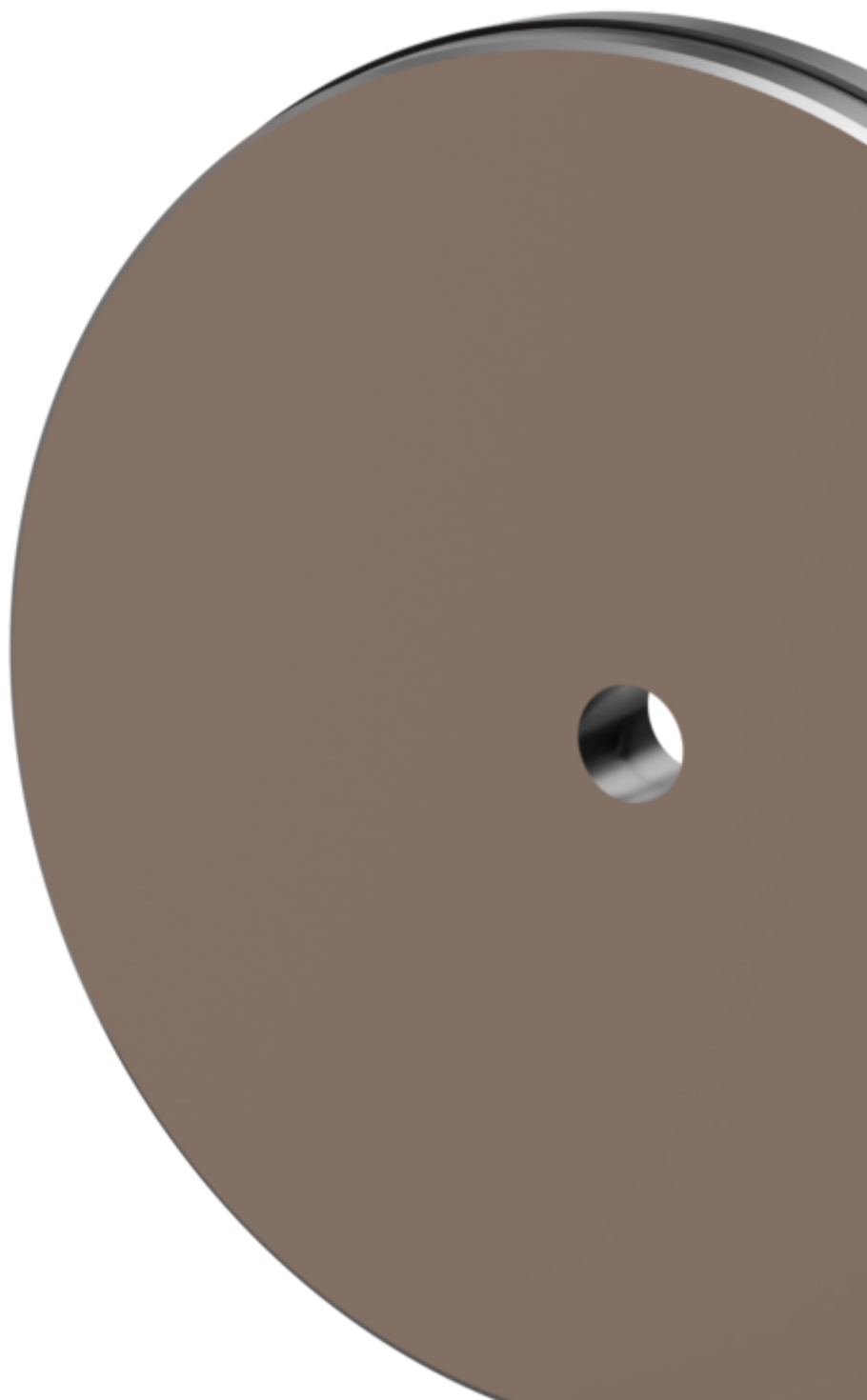


# **Manual Robotic Tool Changers | Centering disc | ZS160-1**

**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

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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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## ZS160-1

<b>Operating temperature</b>	-30 to +120 °C
<b>Type</b>	Centering disc
<b>Size</b>	? 80 x 7.8 mm
<b>Protection rating</b>	IP40
<b>Weight</b>	0.109
<b>Contact durability</b>	50000 cycles
<b>Materials</b>	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

[Contact us](#)

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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