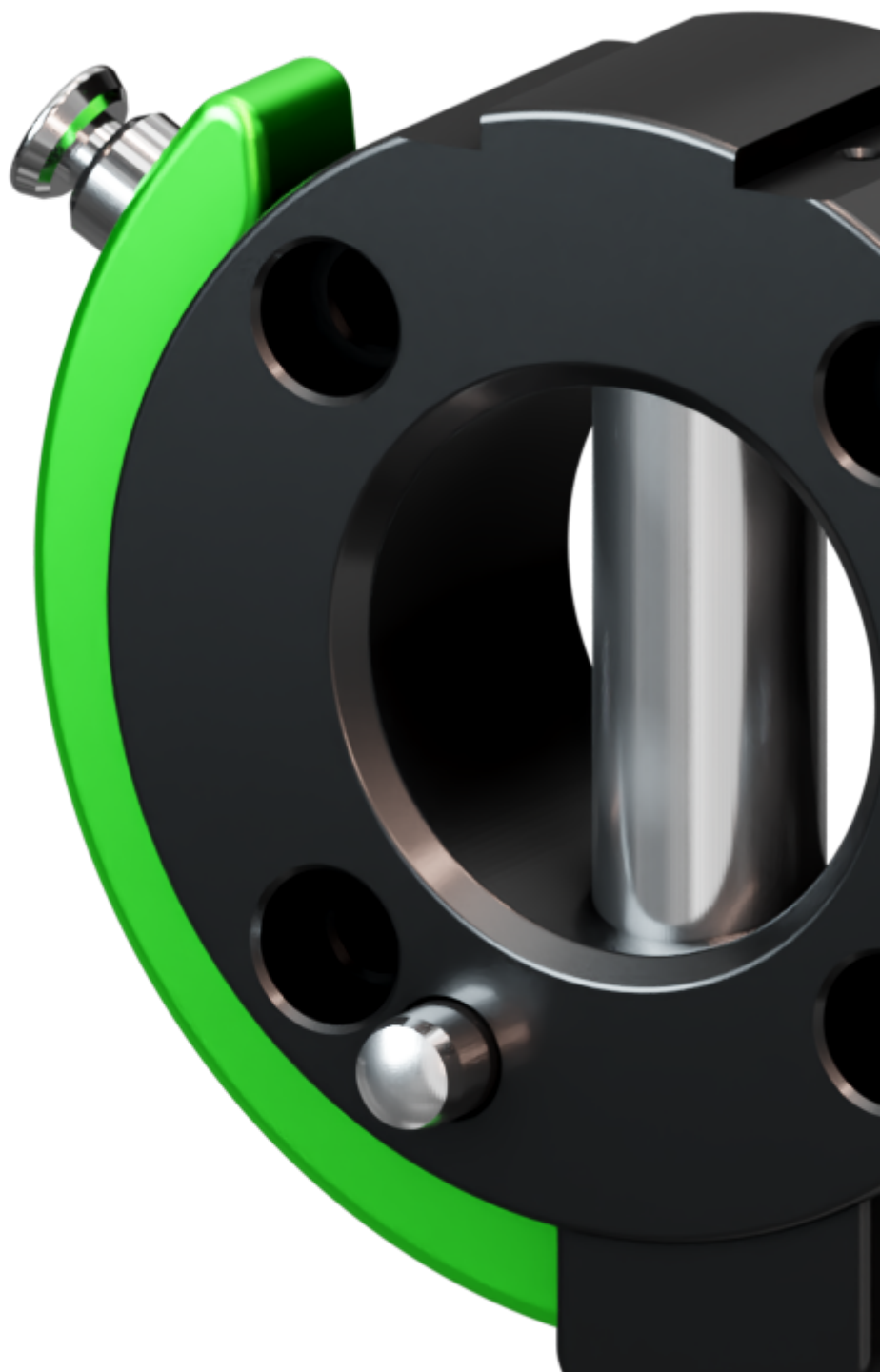
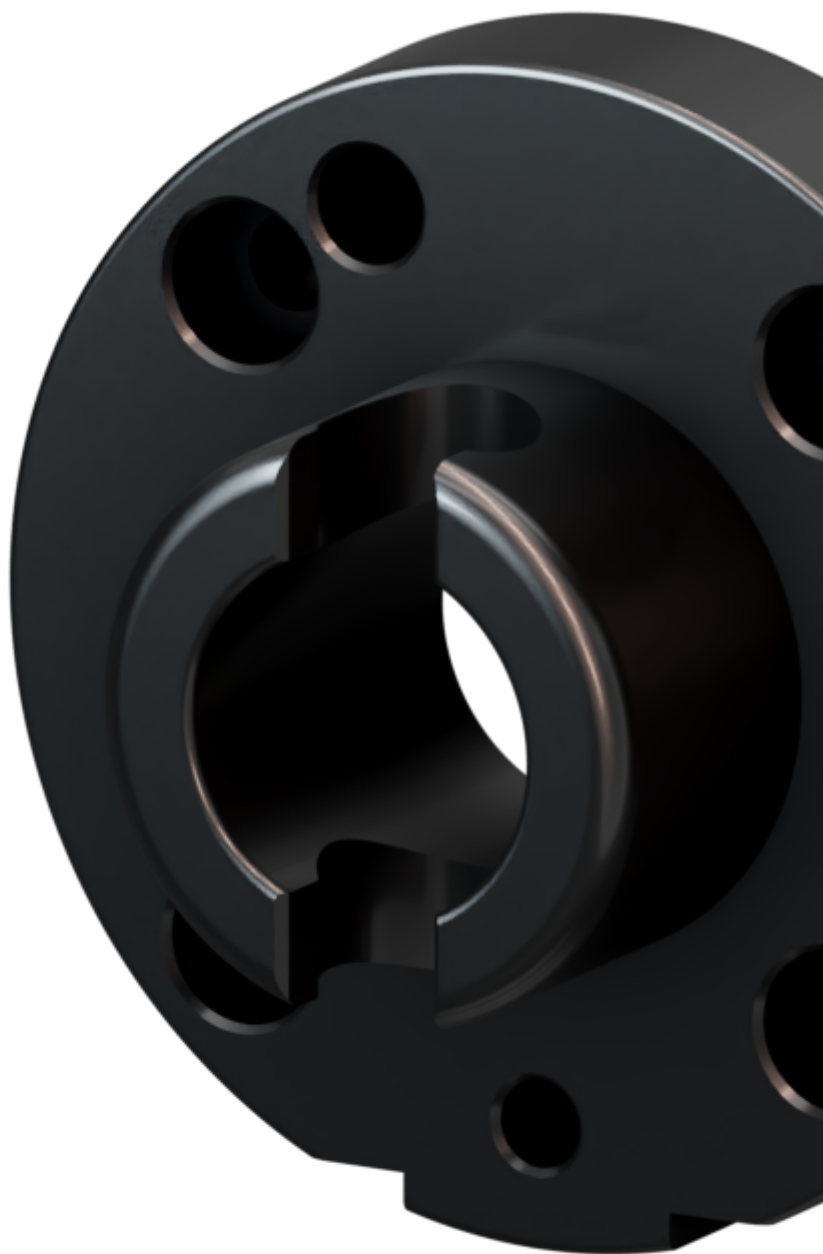


Robot Manual Tool Changers || SHW080

**Re-think your process with the SHW Connector: the most Intuitive
Manual Tool Changer Solution**





The SHW Connector is a manual tool changer with an optimized locking mechanism. The connector consists of a cylindrical bolt which locks the upper and lower assembly together. A centering disc can be installed on both the upper assembly (robot side) and lower assembly (tool side) of the robot and ensures that the tools are correctly aligned with the robot arm.

Our manual tool changers range aims at solving quick equipment change issues for many applications. These tool changers can be seen as quick, repeatable, and reliable mechanical connectors that can serve many purposes: robot tooling change, special machinery utility change or even making a tool stand movable. Installing such a kind of quick connection device makes your equipment versatile, and upgradable, and eases maintenance operation while reducing downtimes.

Advantages

- Withstands high loads with low dead weight
- Can be released and closed with one handle
- During locking, the lower assembly is pulled around the locking stroke
- Interface according to DIN EN ISO 9409-1

Benefits

- Does not require a deep review of the mechanical structure to be integrated.
- Cost savings through reduced maintenance downtime.
- Improved equipment versatility and upgradability and then extended productivity.
- Mitigate the need of specifically designed mounting interfaces

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SHW080

Basic material	AL, Anod.
Repeat accuracy	0,02 mm
Pitch circle diameter	63 mm
Tension Fz	800 N
Compression -Fz	160 kN

Operating conditions

Operating temperature range -30 to +120 °C

Operating pressure 6 bar \pm 1

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