



# SHW CONNECTOR

## CONNECTOR

Upper assembly (robot side)  
Lower assembly (tool side)

## INTUITIVE AND EASY TO USE

Requires no tools

## VERY FAST TOOL CHANGES

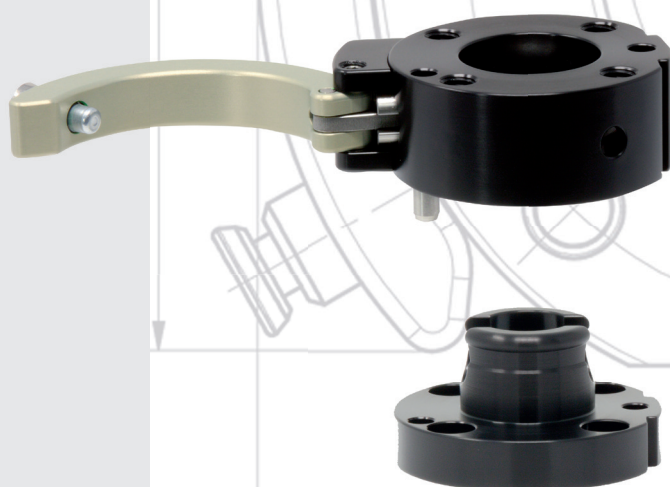
Seconds instead of minutes

## EXACT PLACEMENT EACH TIME

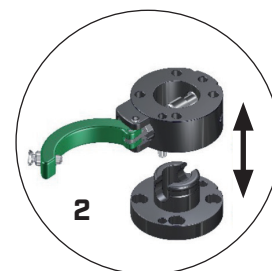
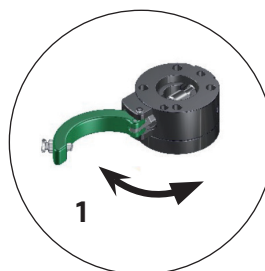
Repeat accuracy < 0,02 mm  
No robot recalibration necessary

## DURABLE

Over 5000 tool changes without degradation in accuracy  
or strength



90



**Connector**  
open / close function



## UPPER ASSEMBLY

### Strap pin

- 4 mm stainless steel

### Double safety

- Safety pin
- Seated closure

### Recessed bolts

### Rounded contours (radius)

- Increases strength
- Increases comfort

### System design

- Fast and easy

### Shim rings

### Index pin

- Ensures proper alignment
- Increases torsional rigidity

### Connecting through middle

- 360 degrees of access
- Allows easy install and removal

## LOWER ASSEMBLY

### Rounded top

- Allows insertion at an angle
- Ergonomic and natural motion

### Contour

### Bolt - Stainless Steel

- Undergoes a six-stage manufacturing process (repeat accuracy < 0,02 mm)
- Smooth and easy mechanical action



## GRIP: One Connection - 1000 Possibilities



### Personnel

- A technician is not required to switch the application
- Every employee is able to operate the system
- Does not require any technical or special skills



### Low maintenance

- Easy installation
- Simplifies the servicing of applications
- Increases safety / reduces risk
- Exact torque / impossible to strip bolts / threading



### Cost-effective

- Very fast application changes / short set-up times
- Greatly reduced downtime
- Flexible – robot / machine - machine optimization
- Excellent cost / performance ratio



### Easy

- Easy centering / aligning
- Exact head positioning every time
- No tools or instruments required



### Fast

- Change applications within seconds
- Reduced set-up times
- Possible to use robot for other tasks / jobs or in other areas



### Reliable

- 3 changes a day for 5 years (5000 tool changes)
- Extreme longevity



### Quality

- Aluminum, anodized EN AW-7075 (AlZnMgCu1,5)
- Precise - Repeat accuracy < 0,02 mm
- We guarantee this accuracy for 5000 tool changes



### Flexible

- Compatible with all standard market applications
- Collaborative

