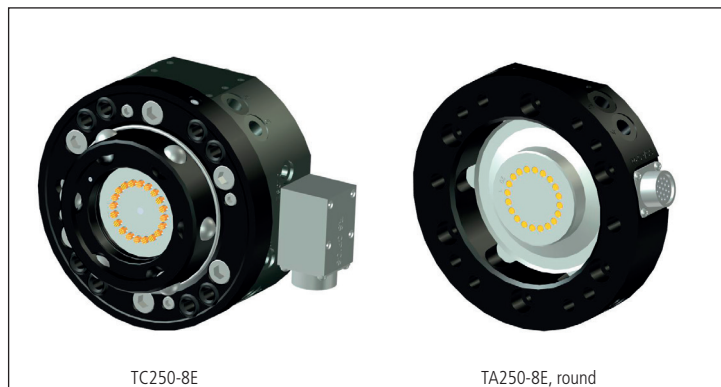


# Tool Changer

## TC250

**Tool changers** | Swivels | Swivels with tool changer | Grippers | Hose packages | Valve units | Tool systems



### Advantages

- Robust design for high torque applications
- Fast docking with high tolerance
- Absolute positioning repeatability
- 3D-models for Robot CAD-systems
- Low maintenance and high uptime

### Description

Robot System Products tool changers are designed to maximize the flexibility and reliability of your robot fleet. Robustness and high safety are combined with low weight and compactness. The patented locking device TrueConnect™ has a minimum of play and gives a practically, through the lifespan, absolute positioning repeatability. RSP tool changers make it possible for you to perform tool changing operations continuously day out and day in.

### Technical data

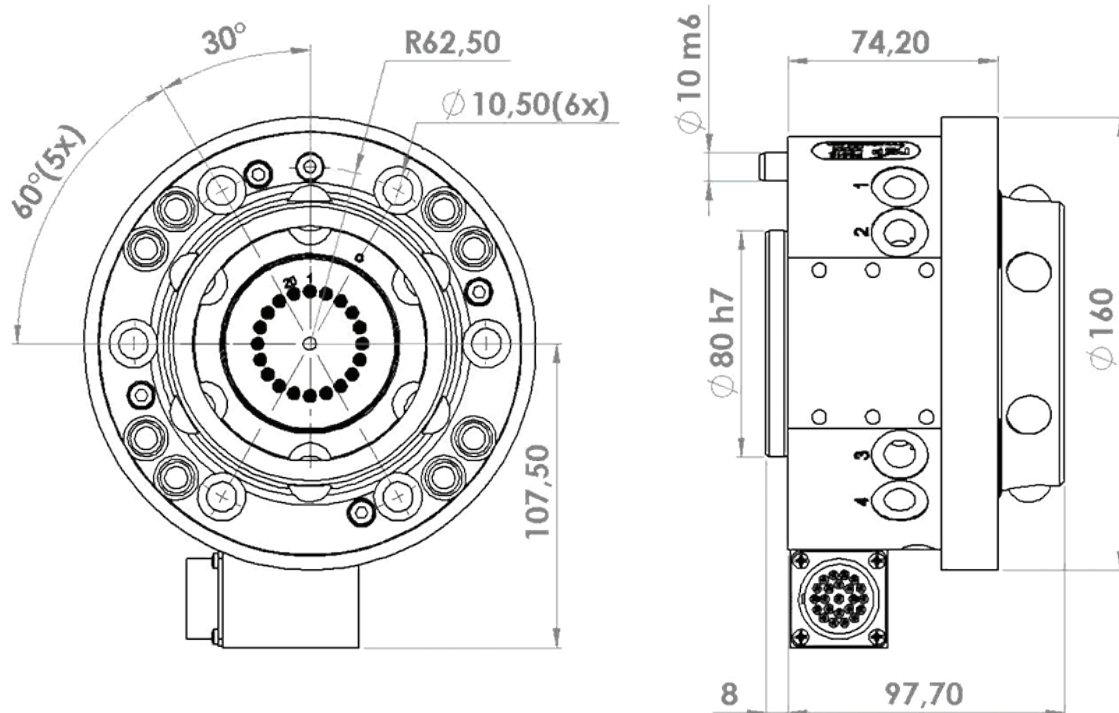
Article	Part No	Handling capacity (kg)	Air ducts	Mechanical Interface	Electrical signals	Weight (kg)	Mz (Dynamic)	Mx/My (Dynamic)
<b>Tool Changer</b>								
TC250-8	P6411	200	10	ISO 9409-1 125-6-M10*	-	6.0	± 1250 Nm	± 2000 Nm
TC250-8E	P6412	200	10	ISO 9409-1 125-6-M10*	21	6.1	± 1250 Nm	± 2000 Nm
<b>Tool Attachment</b>								
TA250-8, round	P6417	200	8	ISO 9409-1 125-6-M10*	-	2.6	± 1250 Nm	± 2000 Nm
TA250-8, square	P6474	200	8	ISO 9409-1 125-6-M10*	-	3.5	± 1250 Nm	± 2000 Nm
TA250-8E, round	P6418	200	8	ISO 9409-1 125-6-M10*	19	2.7	± 1250 Nm	± 2000 Nm
TA250-8E, round	P6431	200	8	ISO 9409-1 125-6-M10*	19	2.8	± 1250 Nm	± 2000 Nm
TA250-8E, square	P6473	200	8	ISO 9409-1 125-6-M10*	19	3.7	± 1250 Nm	± 2000 Nm

Air ducts	
Max air pressure	10 bar
Air quality	Oil-clean and waterless filtered air, max 25 µm particle content
Air flow / channel	1600 l/min
Air connections	Robot side: G 1/4", 2x G 1/8" Tool side: G 1/4"

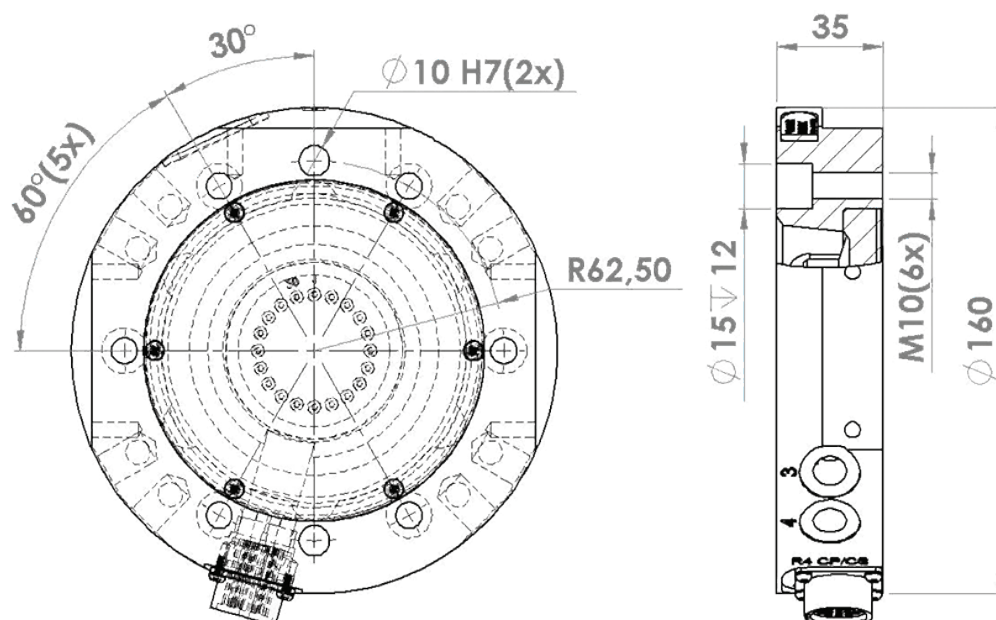
Electrical Signals	
Max voltage	60V
Max current	2A
Connections	Robot side :23P Souriau Tool side: 19S Compact Souriau (P6418) / 1m 20 x 0.5mm <sup>2</sup> cable with open end (P6431 & P6473)

\*TC250 fits robots with centering diameter (d3) 63mm and 80mm

TC250-8E



TA250-8E, round



B6411-1\_2



Robot System Products is a global leader in high-performance industrial robot peripheral products. Our expertise is to provide tested and field proven robotic system solutions that improve robot flexibility, utilization and uptime.

Visit us at [www.rsp.eu.com](http://www.rsp.eu.com)

