

VERTICAL ARTICULATED ROBOT **RV6-1215**

HIGHLY DYNAMIC 6-AXIS ARTICULATED ARM ROBOT FOR PRECISE INDUSTRIAL APPLICATIONS

The REIS **RV6-1215** is a highly developed 6-axis articulated arm robot that offers exceptional precision and dynamics with a nominal payload of 6 kg. The **RV6** is ideally suited for testing & measuring tasks as well as handling and laser applications. With its minimal footprint, it is also ideally suited for installation in systems with very limited space.

Top class technology top class

Equipped with six rotary axes, the **RV6-1215** offers full freedom of movement (6DoF: three translational and three rotational degrees of freedom), making it a versatile solution for complex industrial applications.

Perfect coordination with the control system

In combination with the advanced REIS ROBOTstar VII robot controller, the **RV6-1215** unfolds its full potential. The precise path control technology of the REIS ROBOTstar VII, in combination with the SINAMICS hardware and control technology, ensures optimum management of the complete servo drive technology, including powerful servomotors.

Maximum performance thanks to high-quality materials

The REIS RV series sets new standards in its class through the use of precise high-performance gearboxes and mechanics designed for maximum rigidity, natural frequency

and damping. The construction includes innovative material combinations of steel, aluminum, magnesium and carbon fiber composites to ensure maximum stability with minimum weight.

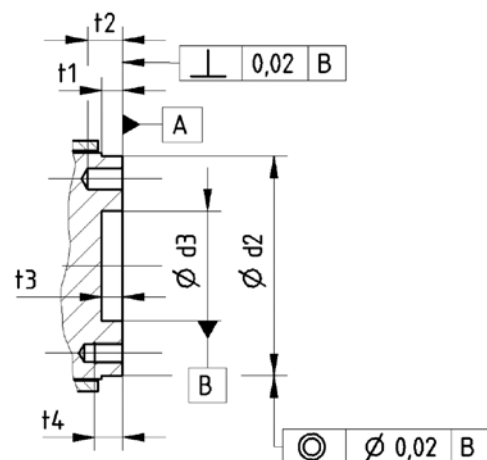
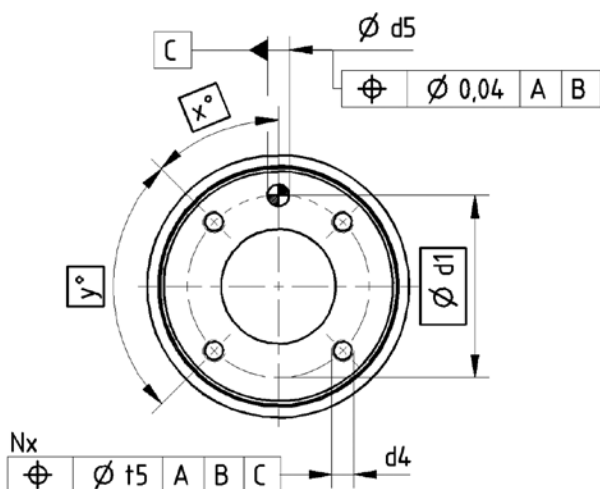
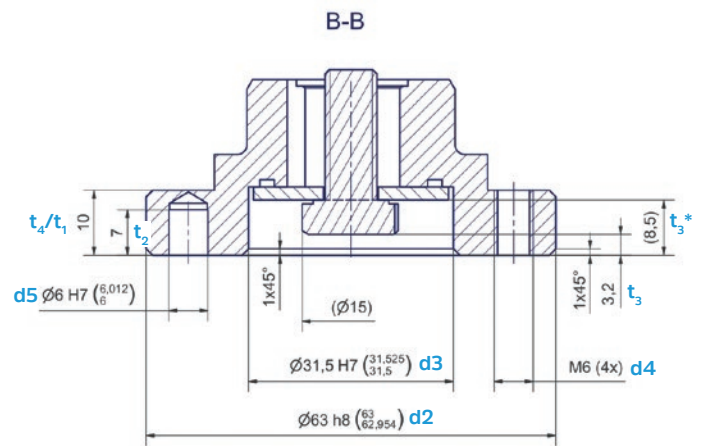
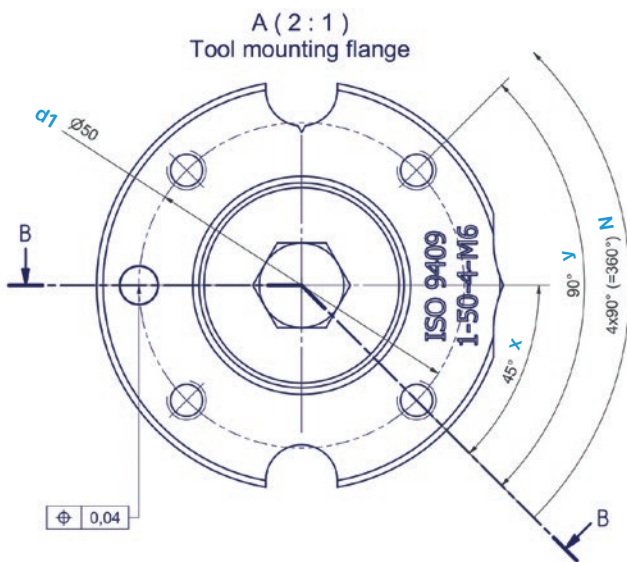


VERTICAL ARTICULATED ROBOT

RV6-1215

MECHANICAL INTERFACE

Type	d ₁	d ₂ h8	d ₃ H ⁷	d ₄	N	d ₅ H ⁷	x	y	t ₁	t ₂	t ₃	t ₄
	mm	mm	mm	mm		mm	°	°	mm	mm	mm	mm
RV6-1215	50	63	31.5	M6	4	6	45	90	10	7	3.2/8.5	10



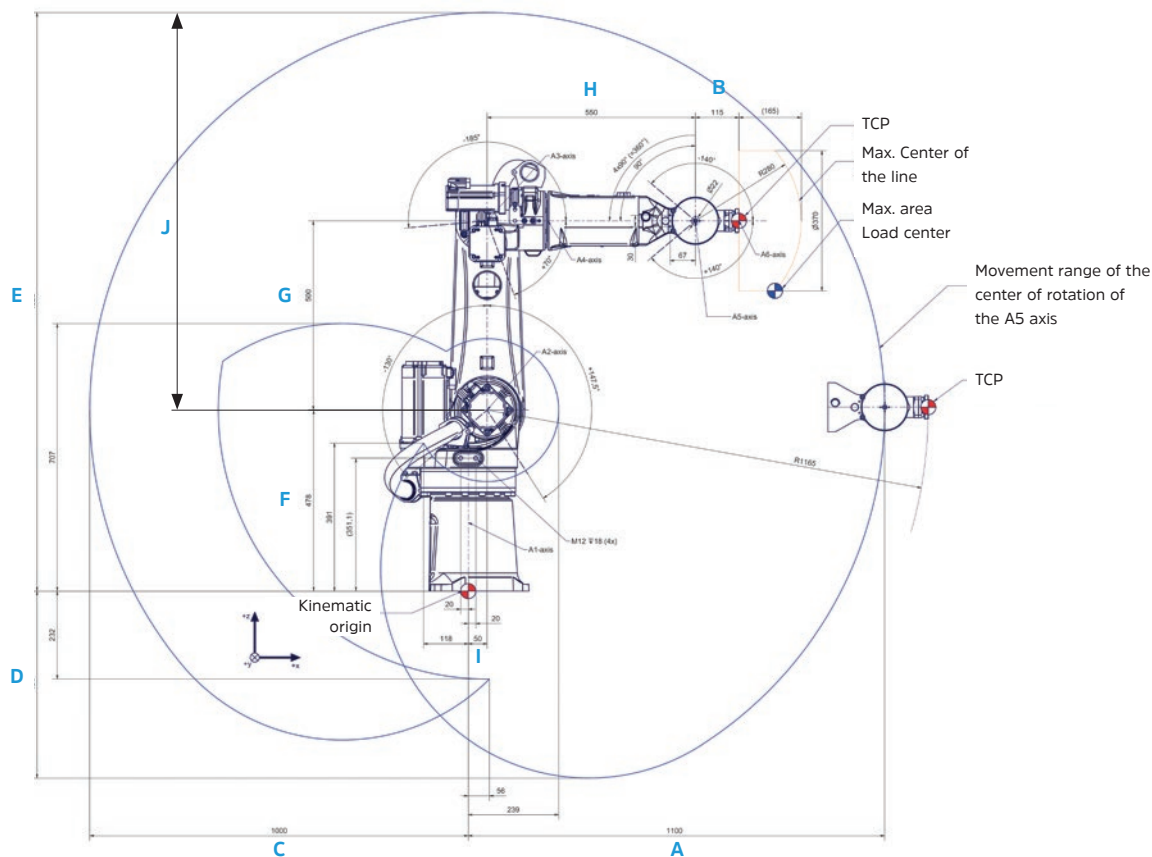
A dowel pin is required in addition to the internal or external centering to fix the position

From the position shown, a rotation range of $\pm 360^\circ$ is possible.

VERTICAL ARTICULATED ROBOT

RV6-1215

WORKSPACE



Workspace

A	mm	1,215
B	mm	115
C	mm	1,000
D	mm	494
E	mm	1,528

F	mm	478
G	mm	500
H	mm	550
I	mm	50
J	mm	1,050

 For further information please contact us under:

Reis Robotics GmbH & Co. KG
Walter-Reis-Straße 1
63785 Obernburg / Germany
Phone +49 6022 503-0

Statements on quality and usability of the products are no warranty of properties, but are for information only. The relevant object of the contract is decisive for the scope of our supply and services. Some illustrations may contain optional equipment that is not included in the standard scope of supply.

Technical data and illustrations are not binding for deliveries. Subject to changes.