

## Calibration Tips

## Simple but effective



With the calibration tips from Yaskawa we offer a very simple tried and tested tool for a wide range of tasks in your robot system. Due to the rotational symmetry and the manually adjustable length of a calibration tip,



a TCP (Tool Center Point) can be set up very simply. Deviations and errors are thereby reduced. The handling and application doesn't require any further training or reading of a manual. The benefit is obvious or depends on the robot flange.

Whether in the creation of user coordinate systems, the teaching of reference points or the calibration of robots with robots or robots with external axes – the clear tool facilitates your work. For a simple comparing calibration, such as tip-to-tip, the calibration tip serves as a simple but ingenious tool. The adjustment between real and virtually simulated robot environment can also be simplified with the aid of the calibration tips during offline programming. You can get a lot of application examples by attending a training course at the Yaskawa Academy.

The calibration tips are available for nearly all types of robots and in different lengths for you. Simply order your needs from your well-known Yaskawa contact person, the Yaskawa Academy or uncomplicated by fax on the back.

## Yaskawa Headquarters

Yaskawa Europe GmbH · Robotics Division Yaskawastraße 1 · D-85391 Allershausen, Germany Tel. +49 (0) 8166/90-0 · Fax +49 (0) 8166/90-103

robotics@yaskawa.eu www.yaskawa.eu Yaskawa Academy and sales office Frankfurt Yaskawa Europe GmbH · Robotics Division Philipp-Reis-Straße 6 65795 Hattersheim am Main, Germany

Tel. +49 (0) 6196/77725-0 · Fax +49 (0) 6196/77725-39

We reserve the right to technical changes and error. D-02-2024