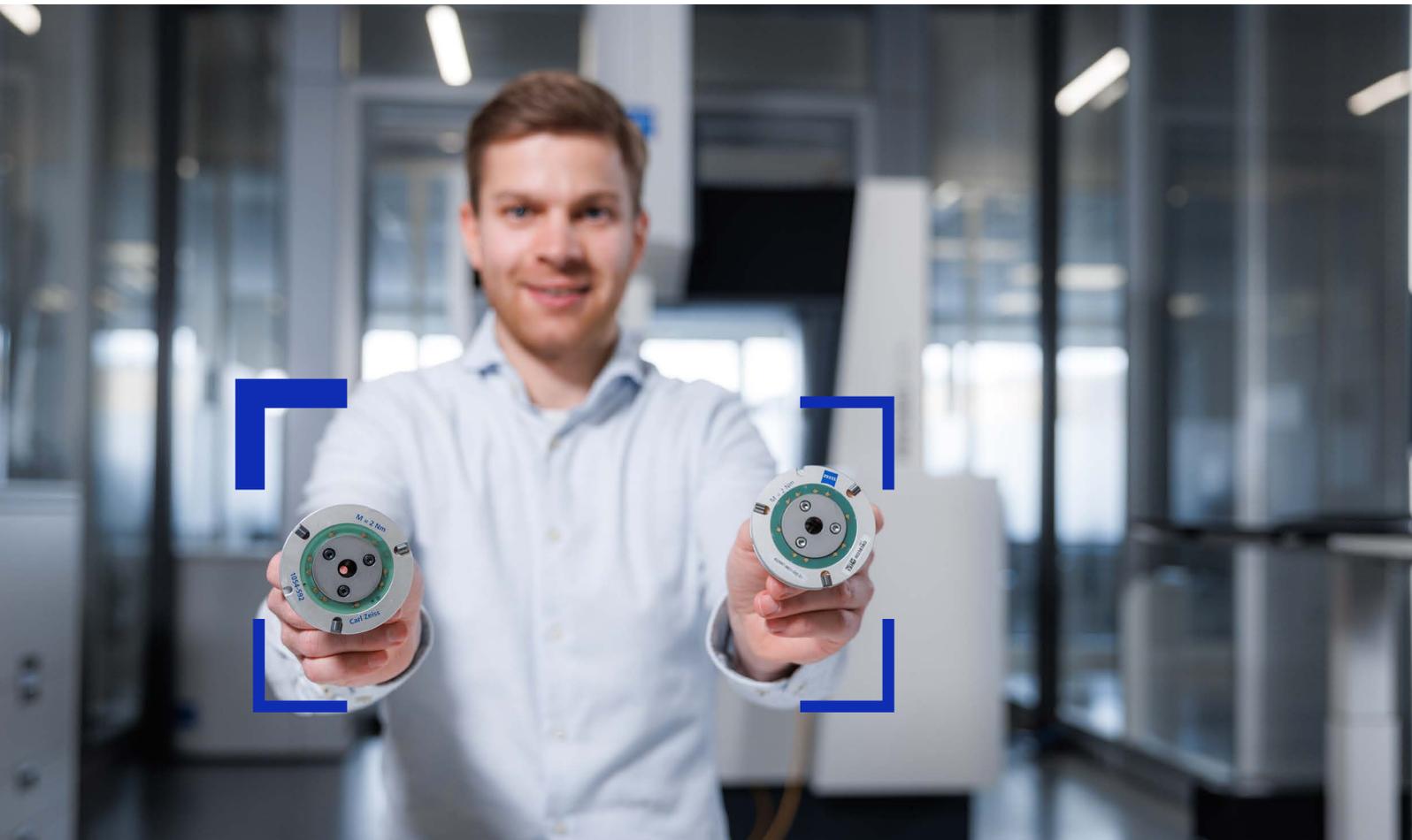




Seeing beyond

# ZEISS Metrology Expert Tip



**How to Recognize the Latest  
ZEISS Adapter Plates.**

# Original ZEISS Adapter Plates for ZEISS CMMs

Due to the ZEISS Coordinate Measurement Machine innovations, in terms of function and software, the adapter plate plays an important role as it represents the interface between the machine and the stylus system. Therefore, ZEISS offers suitable adapter plates for every application in order to optimally fulfill the measuring task.

## Two Types of ZEISS Adapter Plates:

### ZEISS VAST

ZEISS VAST Adapter Plates support ZEISS VAST Gold and ZEISS VAST XT Gold sensors. ZEISS VAST Gold is the ideal sensor for tactile scanning and single point measurements with long styli.



### ZEISS VAST XXT

These adapter plates support ZEISS VAST XXT sensors. This sensor enables high-precision scanning on the ZEISS RDS (Rotary Dynamic Sensor).



## Why is it Important to Distinguish Between an Old and a New ZEISS Adapter Plate?

To ensure safety and reduce the risk of collisions, machine and software functionalities require a powerful control system. These functions can only be fulfilled via an optimized interface to the adapter plate. This requires tested quality and corresponding data transmission via the integrated ID chip, which is integrated in the new generation of ZEISS Adapter Plates.

# How to Recognize the Latest ZEISS Adapter Plates

## Features of the Latest ZEISS VAST Adapter Plate

### ID chip:

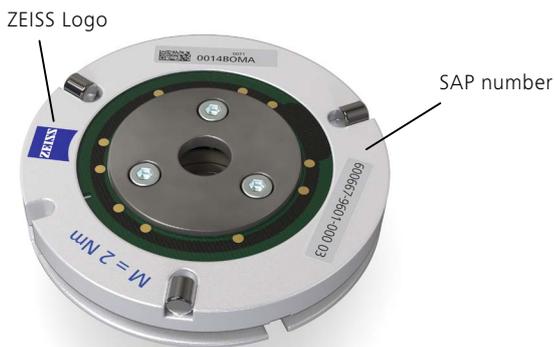
The ID chip is a special ZEISS technology that allows the device to identify the stylus system and enables the use of special software functions. Future functionalities will require the provision of the necessary data stored on the ID chip. ZEISS cannot guarantee these extended safety functionalities when using non-qualified adapter plates.

### SAP number:

The SAP number is used for easier identification of the adapter plate and simpler reordering in the ZEISS Metrology Shop.

### ZEISS logo:

It's easy to differentiate between the adapter plate types. The latest adapter plate can be recognized quickly. The ZEISS logo is on the new adapter plates while the older ones have the Carl Zeiss lettering.



Latest ZEISS VAST Adapter Plate



Old ZEISS VAST Adapter Plate

## Features of the Latest ZEISS VAST XXT Adapter Plate

### ID chip:

The ID chip is a special ZEISS technology that allows the device to identify the stylus system and enables the use of special software functions. Future functionalities will require the provision of the necessary data stored on the ID chip. ZEISS cannot guarantee these extended safety functionalities when using non-qualified adapter plates.

### SAP number:

The SAP number is used for easier identification of the adapter plate and simpler reordering in the ZEISS Metrology Shop.

### Gold-plated spheres:

The gold-plated spheres have been implemented to ensure more stable data transmission. The gold coating transmits electronic data much better than the pure steel sphere as known from previous embodiments. These gold coatings are also known from the audio field, where connectors are also gold-plated. Especially on CMMs that are located in an oil- and dust-containing environment in production, these gold-plated spheres enable considerably better results.



Latest ZEISS VAST XXT Adapter Plate

Old ZEISS VAST XXT Adapter Plate

**ZEISS Original Accessories are available  
in the  
ZEISS Metrology Shop.**

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