

**CALIPRI**

**C4X**

**CAPTURES  
COMPLEX  
CONTOURS**



## **MEASUREMENT MODULE „RAIL“**

Data Sheet

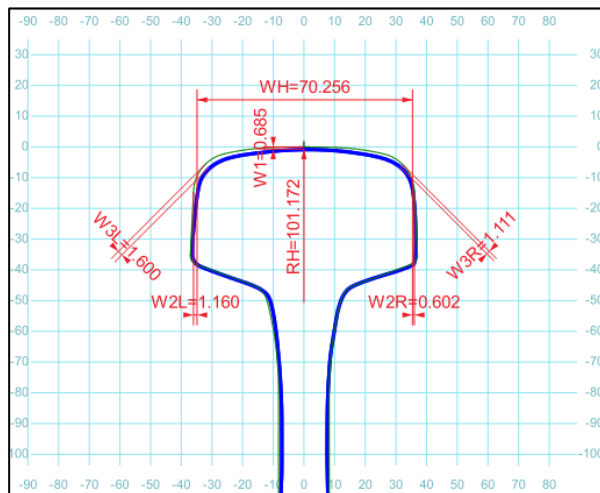
**NEXTSENSE**

**APPLICATION**

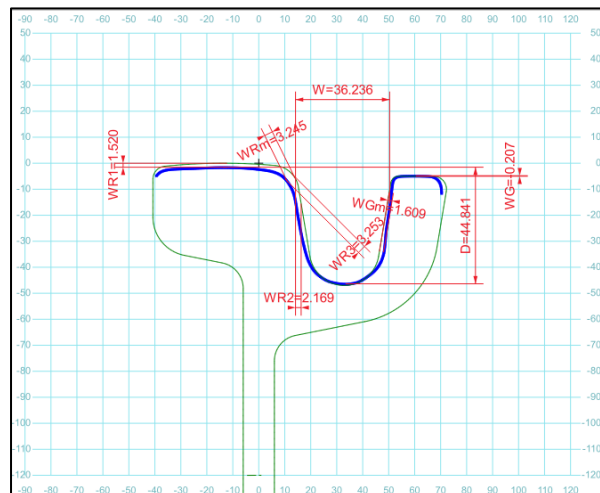
With the module „Rail“ it is possible to measure the complete vignole and grooved rails within a few seconds and compare them with the individual reference values. Due to various measurement methods, the „Rail“ module is used as a part of regular maintenance measures to check the wear parameters as well as in the rail manufacturing process in the course of quality control checks. The following three measurement methods are available:

- Railprofile (Wear measurement of vignole rails)
- GroovedRailProfile (Wear measurement of grooved rails)
- RailComplete (Whole profile measurement of vignole rails)

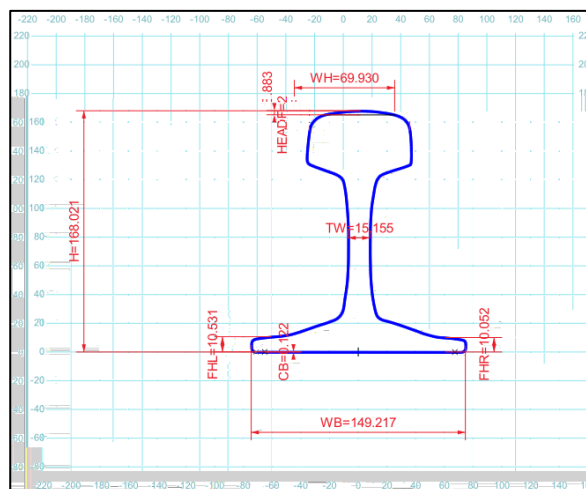
**MEASURED VARIABLES:**



METHOD "RAILPROFILE"



METHOD "GROOVEDRAILPROFILE"



METHOD "RAILCOMPLETE"

## TECHNICAL DATA

Compatibility	CALIPRI C40, CALIPRI C41 CALIPRI C42
Accuracy	Absolute accuracy < $\pm 80\mu\text{m}$ Repeatability < $\pm 35\mu\text{m}$
Reference profile	Many rail types are already integrated (detailed list available upon request)
Measurement methods	RailProfile, GroovedRailProfile RailComplete
Product ID	CMM3001



### SCOPE OF DELIVERY:

- ✓ Software license measurement module rail  
(Activation through remote access possible also at a later date)

### ADD-ON:

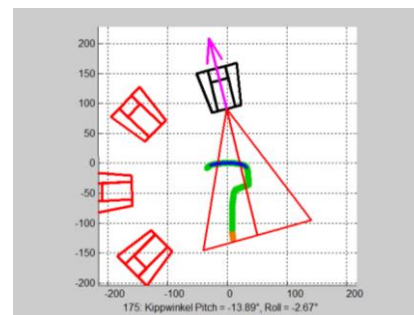
- + Implementation of new rail types  
(Product ID: CSM2303)

Offers & Live Demonstrations:  
[sales@nextsense.at](mailto:sales@nextsense.at)

## MEASUREMENT PROCESS



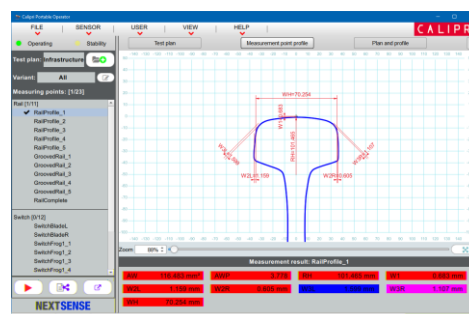
MEASUREMENT



SENSOR GUIDANCE (TUTOR)



MEASUREMENT RESULT ON SENSOR



MEASUREMENT RESULT ON TABLET PC