

# R&S®ZCAW/R&S®ZCTW

## ANGLED TORQUE WRENCH

### Specifications

The wrenches have been designed to tighten and loosen screws used in UG-387/U and IEEE 1785 waveguide flanges. These wrenches are particularly well suited in situations when only limited space is available in the axial direction of the screws. In such a situation, a normal hex ball driver cannot be spudded.

#### Integrated tools

- Fixed hexagon 3/32" for torque-limited (only R&S®ZCTW) tightening and initial loosening of screws. The fixed hexagon is placed on the end of a short arm, the angle of which can be varied between  $\pm 60^\circ$  in  $30^\circ$  steps. This allows the adaptation of the wrench to the given space situation of a waveguide setup. In order to indicate that the specified torque has been reached, a lever moves slightly out of the handle of the wrench. The wrench does not prevent the application of torque that is higher than the specified value
- Rotating hexagon ball 3/32", driven by the operator's thumb via a gear wheel, for cranking screws up and down

#### Torque limits

Model	Torque limit
R&S®ZCAW	–
R&S®ZCTW, 0.58 Nm	0.58 Nm $\pm$ 0.058 Nm
R&S®ZCTW, 0.2 Nm	0.2 Nm $\pm$ 0.02 Nm

#### General data

Temperature ranges	operating temperature range	+5 °C to +40 °C
	permissible temperature range	0 °C to +50 °C
	storage temperature range	–40 °C to +70 °C
Humidity		$\leq$ 90 % relative humidity, noncondensing
Material and plating	hexagons	hardened steel
	handle	anodized aluminum (R&S®ZCAW), gold plated (R&S®ZCTW)
Overall length with arm in 0° position		126 mm
Length of arm		12 mm
Weight		37 g



# Ordering information

Designation	Type	Order No.
Angled wrench, 3/32"	R&S®ZCAW	1175.1960.00
Torque wrench for waveguide flanges, 0.58 Nm	R&S®ZCTW	1175.2014.02
Torque wrench for waveguide flanges, 0.2 Nm	R&S®ZCTW	1175.2014.03



*Torque Wrench R&S®ZCTW*

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R&S®ZCAW/R&S®ZCTW Angled Torque Wrench

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