



## Ratchet ring insert tools 717

717

Product no. 58170119  
GTIN 4018754348442  
Model 717 19



### Label.

Ratchet ring insert tools 19mm Tool holder 9 x 12

### Properties.

- bi-hex
- for torque wrenches with interchangeable insert system
- reversible
- HPQ® high-performance steel, black gunmetal finish

## Benefits.

Robust insert tool for torque wrench with 9 x 12 mm insert system.

The flush-mounted changeover lever for clockwise and counterclockwise rotation prevents unintentional switching.

Made of HPQ® wear-resistant high-performance steel with a black gunmetal finish for durability and corrosion protection.

The integrated ratchet with 72 teeth makes it possible to ratchet at an angle of just 5°.

The flat design makes it easier to work in tight spaces.

## Product highlights.



### Fine-tooth ring ratchet.

The high level of accuracy is achieved by flat transducers and a special technology for immediate data processing directly in the transducer. Thanks to an integrated measurement amplifier, the testing device is resistant to bending moments and transverse forces.



### For confined spaces.

This ring ratchet insert adaptor enables precise work with a working angle of just 5°. Thanks to its slim design, it is particularly well-suited for use in tight and hard-to-reach areas where larger movements are not possible.



### Safe switching.

The high level of accuracy is achieved by flat transducers and a special technology for immediate data processing directly in the transducer. Thanks to an integrated measurement amplifier, the testing device is resistant to bending moments and transverse forces.



### Safe and durable.

The high level of accuracy is achieved by flat transducers and a special technology for immediate data processing directly in the transducer. Thanks to an integrated measurement amplifier, the testing device is resistant to bending moments and transverse forces.

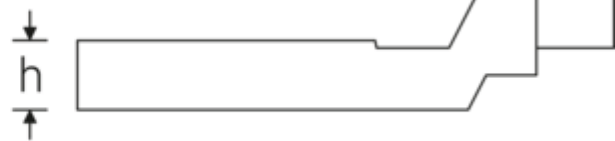
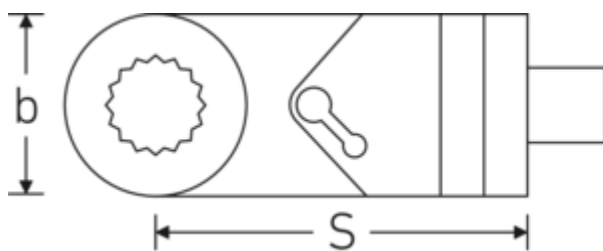
## Technologies and features.



### High Performance Quality (HPQ®)

Our HPQ® tool is made of wear-resistant high-performance steel, yet is thin-walled and lightweight. It withstands high torques and is ideal for work in confined spaces such as turbines.

## Technical drawing.



## Technical attributes.

Size [mm]	19 mm
Tool holder size [internal square]	9 x 12 mm
Width mm (b)	35,5 mm
Height mm (h)	11,5 mm

## Logistics data.

Product no.	58170119
GTIN	4018754348442
Weight (g)	126 g
Volume (packaged, dm <sup>3</sup> )	0.12825 dm <sup>3</sup>
Packing standard	1

<b>Number of teeth</b>	72
<b>Working angle</b>	5 °
<b>Alloy</b>	HPQ® high performance steel
<b>max. torque</b>	160 N·m
<b>S</b>	52 mm
<b>Surface</b>	black oxidized

<b>WEEE/ElektroG</b>	nicht ear-pflichtig
<b>Customs tariff no.</b>	82042000
<b>Country of origin AWR</b>	CHINA
<b>Region of origin</b>	Ausländischer Ursprung
<b>Depth mm (IFS)</b>	85
<b>Width mm (IFS)</b>	35
<b>Height mm (IFS)</b>	15
<b>Weight (gross, kg)</b>	0,128
<b>Weight PAP (kg)</b>	0,000
<b>Weight PVC (kg)</b>	0,002
<b>Length (packaged, mm)</b>	95
<b>Width (packaged, mm)</b>	75
<b>Height (packaging, mm)</b>	18

## GTIN.



## Images.



### DAS RICHTIGE ANZIEHDREHMOMENT ERREICHEN

auch bei Einsatz von Steckwerkzeugen mit veränderten Stichtmaßen.

Bei richtigen und falschen Stichtmaßen für einen bestimmten Drehmoment, L, erreicht man bei den beiden Drehmomenten unterschiedliche Anziehdrehmomente, bzw. Drehmomente erreichen werden.

**Achtung!** Falsche Angaben mit falschen Stichtmaßen oder falschen Drehmomenten können zu einer Beschädigung des Gewinns oder des Bauteils, z.B. Schrauben, Bolzen, Mutter, etc. führen. Die Drehmomente sind für die Anwendung im Bereich der Drehmomente zu berücksichtigen.

$$M_{\text{Anz}} = \frac{M_{\text{Dreh}} \cdot L_{\text{Stichtmaß}}}{L_{\text{Stichtmaß}}}$$

$M_{\text{Anz}}$  = Anziehdrehmoment in Nm  
 $M_{\text{Dreh}}$  = Drehmoment in Nm  
 $L_{\text{Stichtmaß}}$  = Stichtmaß in mm  
 $L_{\text{Stichtmaß}}$  = Stichtmaß in mm





**STAHLWILLE Eduard Wille GmbH**

Lindenallee 27 · 42349 Wuppertal · Germany · Phone: +49 202 4791-0

[info@stahlwille.de](mailto:info@stahlwille.de) · [www.stahlwille.com](http://www.stahlwille.com)

© STAHLWILLE Eduard Wille GmbH, Wuppertal