



Ratchet ring insert tools 717

717

Product no. **58170113**
GTIN **4018754348428**
Model **717 13**



Label.

Ratchet ring insert tools 13mm 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.

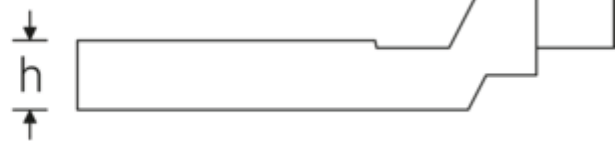
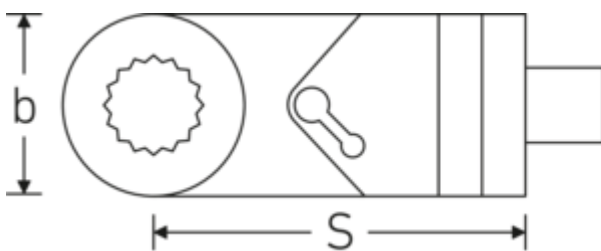
Technologies and features.



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]	13 mm
Tool holder size [internal square]	9 x 12 mm
Width mm (b)	26 mm
Height mm (h)	9,4 mm

Logistics data.

Product no.	58170113
GTIN	4018754348428
Weight (g)	94 g
Volume (packaged, dm3)	0.049248 dm3
Packing standard	1

Number of teeth	72
Working angle	5 °
Alloy	HPQ® high performance steel
max. torque	100 N·m
S	42 mm
Surface	black oxidized

WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82042000
Country of origin AWR	CHINA
Region of origin	Ausländischer Ursprung
Depth mm (IFS)	71
Width mm (IFS)	26
Height mm (IFS)	17
Weight (gross, kg)	0,096
Weight PAP (kg)	0,000
Weight PVC (kg)	0,002
Length (packaged, mm)	81
Width (packaged, mm)	32
Height (packaging, mm)	19

GTIN.



Images.



DAS RICHTIGE ANZIEHDREHMOMENT ERREICHEN

auch bei Einsatz von Steckwerkzeugen mit veränderten Stichtmaßen.

Bei richtigen und falschen Einstellungen des Anziehdrehmoments kann es zu Schäden an den Bauteilen kommen. Um dies zu vermeiden, ist es wichtig, dass die richtigen Einstellungen für das jeweilige Bauteil getroffen werden.

Achtung: Prüfen Sie die Einstellungen vor dem Einsatz und überprüfen Sie diese regelmäßig. Bei Änderungen der Einstellungen muss die Anzeige zurück auf den Nullwert zurückgesetzt werden.

$$M_{\text{Anz}} = \frac{M_{\text{L}} \cdot L_{\text{St}}}{L_{\text{St}} \cdot S} \quad \left[\frac{\text{N} \cdot \text{mm}}{\text{mm}} \right]$$

M_{L} = Drehmoment des Steckwerkzeugs
 L_{St} = Stichtmaß des Steckwerkzeugs
 L_{St} = Stichtmaß des Bauteils
 S = Stichtmaß des Bauteils





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