

**7870 Joker L Self-setting insert spanner for wrench sizes 16-19 mm, 9x12 mm,  
9x12 x 16-19 x 5/8-3/4" x 77.7 mm**  
Insert tools self-setting Joker spanners



|                        |               |                               |             |
|------------------------|---------------|-------------------------------|-------------|
| <b>EAN:</b>            | 4013288233066 | <b>Size:</b>                  | 80x44x14 mm |
| <b>Part number:</b>    | 05020177001   | <b>Weight:</b>                | 147 g       |
| <b>Article number:</b> | 7870 Joker L  | <b>Country of origin:</b>     | CZ          |
|                        |               | <b>Customs tariff number:</b> | 82041200    |

- Square head insert tool 9x12 mm
- For torque wrenches from the Click-Torque X series with 9x12 mm mounting
- For hexagon screw heads and bolts with wrench sizes 5/8"; 11/16"; 3/4" (imperial)
- The adjustable 7870 Joker covers all metric and imperial dimensions in the respective field of application
- With mechanical ratchet functionality for fast and consistent screwdriving without removing the spanner
- Return angle of only 30° when using the corner-width rectangular prisms in the jaw
- The laser-engraved, abrasion-proof QR code makes it easier to determine the correct torque value depending on the torque wrench and insert tool used

Self-setting insert spanner, for hexagon screw heads and bolts, for torque wrenches from the Click-Torque X and XP series with 9x12 mm mounting. Covers all metric and imperial dimensions in the respective field of application. With its continuous and parallel jaws, the tool replaces several single spanner sizes. The required size is automatically and continuously set when attaching the tool to the hexagon bolt or screw. The integrated lever mechanism securely clamps the hexagon screw or bolt between the jaws, which significantly reduces the risk of slippage or damage. The ratchet feature ensures fast and consistent screwdriving without removing the tool. By using the corner-width rectangular prisms, a return angle of only 30° can be achieved.

**Web link**  
<https://www.wera.de/en/05020177001>

Wera - 7870 Joker L  
05020177001 - 4013288233066

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**Simple and error-free  
determination of the torque  
value**



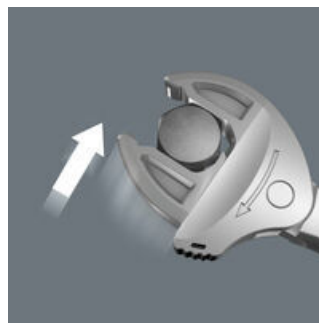
The laser-engraved, abrasion-proof QR code makes it easier to determine the correct torque value depending on the torque wrench and insert tool used. Simply scan with your smartphone or tablet (if available, both QR codes: torque wrench and insert tool). A website opens automatically which recognizes the scanned tools (no app needed!). Then enter the required torque value; the corrected value is determined automatically. No need to use formulas/calculations.

**Drive 9x12 mm**



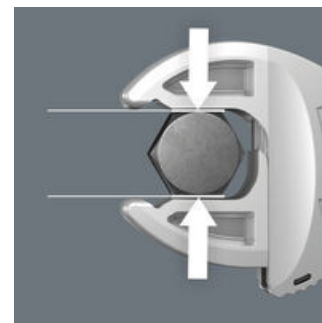
For torque wrenches from the Click-Torque X series with 9x12 mm mounting.

**Automatically and continuously  
self-setting**



With its automatically and continuously gripping parallel jaws, the 7870 Joker covers all dimensions within the potential operative range. The tool finds the required size by itself when attaching it to the bolt or screw.

**Joker 7870: gentle to the screw**



The parallel, smooth jaws of the 7870 Joker offer a seating stress and can thus prevent the nut or screw head from rounding, which can occur when power is transmitted over corners.

**Joker 7870: ratchet mechanism  
for quick working**



The ratchet feature in the jaw ensures fast and consistent screwdriving without removing the tool.

**Joker 7870: low return angle**



The corner-width rectangular prisms in the jaw allow a return angle of only 30°.

**With pin lock**



Safe working and rapid tool change thanks to the pin lock of the insert tools.

**Chrome vanadium steel**



The insert tools are suitable for high loads thanks to their chrome-vanadium steel design.

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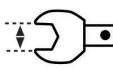
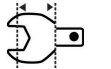
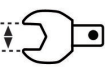
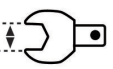
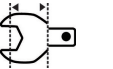
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Further versions in this product family:

|             |  |  |  |  |  |  |  |  |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|             | mm                                                                                | mm                                                                                | mm                                                                                | mm                                                                                | inch                                                                               | mm                                                                                  |                                                                                     | mm                                                                                  |
| 05020177001 | 9x12                                                                              | 16-19                                                                             | 16.0                                                                              | 47.6                                                                              | 5/8"-3/4"                                                                          | 5/8"                                                                                | 47.6                                                                                | 77.7                                                                                |
|             |                                                                                   |                                                                                   | 17.0                                                                              | 48.3                                                                              |                                                                                    | 21/32"                                                                              | 48.1                                                                                |                                                                                     |
|             |                                                                                   |                                                                                   | 18.0                                                                              | 48.9                                                                              |                                                                                    | 11/16"                                                                              | 48.6                                                                                |                                                                                     |
|             |                                                                                   |                                                                                   | 19.0                                                                              | 49.2                                                                              |                                                                                    | 3/4"                                                                                | 49.2                                                                                |                                                                                     |

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