



EAN:	4013288184139	Size:	305x95x55 mm
Part number:	05020090001	Weight:	884 g
Article number:	Joker Set Switch	Country of origin:	CZ
		Customs tariff number:	82041100

- Practical holding function thanks to the metal plate in the jaw
- Limit stop prevents any slipping
- The double-hex geometry reduces the risk of slipping
- The direction of the fine-tooth ratchet mechanism can easily be changed via the smooth switch lever.
- Take it easy tool finder with colour coding according to sizes

High quality set of ratcheting combination wrenches by Wera: Joker ratcheting combination wrenches with angled ratchet head and switch lever. The metal plate in the jaw provides for the holding function which reduces the risk of losing nuts and bolts. The integrated limit stop can prevent any slipping from the bolt head downwards and enables higher torque to be applied. The exchangeable metal plate in the jaw securely holds nuts and bolts with its extra hard teeth and reduces the risk of slipping. The double-hex geometry delivers a very positive connection with nuts or bolts and again provides for a lower risk of any slipping. The low return angle of only 30° at the jaw end avoids any time-consuming flipping of the wrench when fastening. The reversible ratchet mechanism at the ring end with its fine toothing (80 teeth) ensures great flexibility even in confined spaces. Audibly precise ratchet mechanism. Additionally, the robust two-piece locking element provides for an extreme stability. Comes with a 15° angled ratchet end for secure work even at high torque. The special forged geometry allows for high torque transfer and high flexural rigidity. Manufactured out of high-performance chrome-molybdenum steel with a nickel-chromium coating for high corrosion protection. With "Take it easy" Tool Finder: colour coding according to size.

Web link

http://products.wera.de/en/innovations_and_spring_summer_campaign_2018_joker_set_switch.html

Wera - Joker Set Switch
05020090001 - 4013288184139

Wera Werkzeuge GmbH
Korzter Straße 21-25
D-42349 Wuppertal
Tel: +49 (0)2 02 / 40 45-0
E-Mail: info@wera.de

Set contents:



Joker Switch

05020065001	1 x 10x159
05020068001	1 x 13x179
05020072001	1 x 17x225
05020074001	1 x 19x246

Joker open-ended wrench

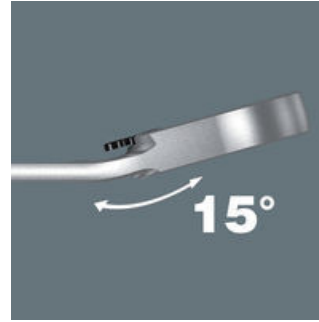


With the Joker, you can now loosen and tighten nuts and bolts, in situations where conventional tools fail. Particularly in confined spaces, where conventional open-jawed wrenches cannot be used. The combination of limit stop and small return angle enables effective work, even on screw pipe connections.



When we began to think about open-ended wrenches, we asked ourselves: why does the wrench always have to be flipped over; why does it have an offset design; why does it slip off injuring fingers? The new design of the mouth resulted in a real "Joker" that works even when all other trumps have been played.

Angled ratchet end



The ratchet end is angled at 15° to the tool axis, making application of the tool in confined spaces much easier.

Double open-ended wrench



The Joker double open-ended wrench is ideally suited for locking down nuts and bolts.

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Holding function



The Joker's holding function means that nuts and bolts can be held in the jaw and easily positioned where they are needed. Fastening on to the thread can then be done quickly and safely, thanks to the innovative special stop-plate which holds the fastener. No more time-wasting searches for dropped nuts and bolts! After applying and positioning the nut or bolt, fastening can begin immediately – no additional tools required.

Double-hex geometry



The Joker's clever double-hex geometry delivers a very positive connection with nuts or bolts – it's a perfect fit. And the exchangeable, hardened metal gripping plate in the Joker's mouth literally bites itself into the bolt, with its extremely hard tips. Both features combine to prevent slipping, even at higher torque.

Small return angle



Instead of 60°, the Joker only has a 30° return angle thanks to its unique double-hex design. Along with the Joker's straight neck, this means that flipping the wrench has become a thing of the past. With the Joker, you can now loosen and tighten nuts and bolts, in situations where conventional tools fail. Particularly in confined spaces, where conventional open-jawed wrenches cannot be used. The combination of limit stop and small return angle enables effective work, even on screw pipe connections.

Fine tooth mechanism



The ratcheting feature at the ring end boasts an exceptional, fine tooth mechanism – 80 teeth in all – which provides greater flexibility, even in very confined workspaces.

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