

# **Joker.** The cards have been reshuffled.



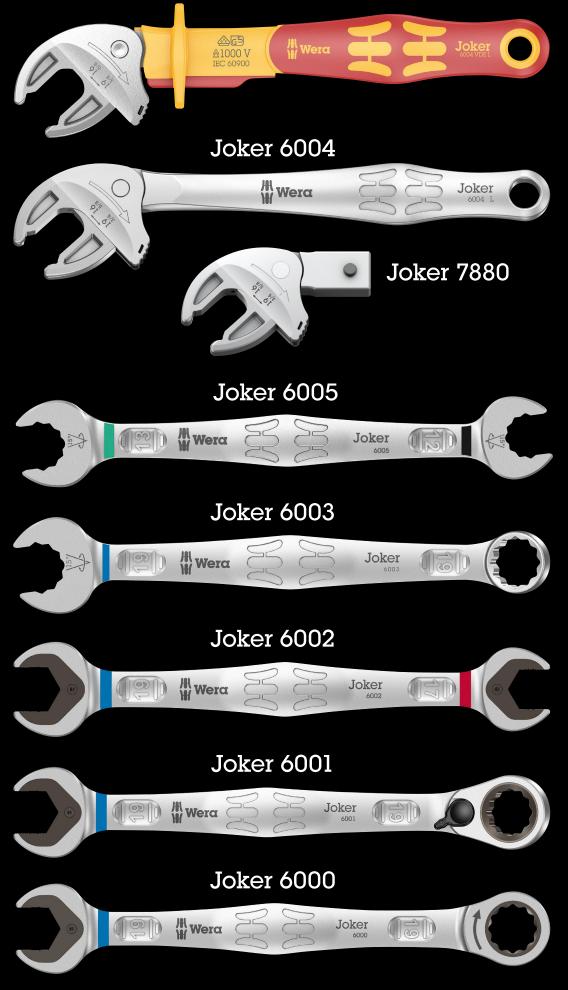


We believe that the process of inventing a tool is never completed, so we took another close look at our spanners and wrenches.

The result is a Joker range with even more problem solvers for the increased requirements in modern screwdriving applications.



# Joker 6004 VDE



# Joker 6004 VDE

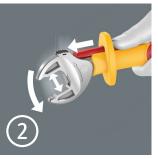


# Individually tested



The individual testing at 10,000 volts, in accordance with IEC 60900, ensures safe working with loads up to 1,000 volts.

# Safe opening of the jaws



The sliding function allows contactless and safe opening of the non-insulated jaws.

# Anti-slip protection



4

The anti-slip protection at the front end of the handle ensures a secure hold and prevents your hand from accidentally slipping forward.

# 2-component plastic insulation



The 2-component plastic insulation of the lever ensures a comfortable feel and a non-slip hold.



Individually tested tools as per IEC 60900 at 10,000 V for safe working at the approved voltage of 1,000 V.

The adjustable VDE spanner continuously and automatically grips all hexagonal sizes in the indicated range of dimensions - metric and imperial. 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. The single-arm design, in conjunction with the ratchet feature and the corner-width prism, makes it possible to work even in confined spaces.

The adjustable Joker 6004 VDE has a naturally comfortable handle thanks to the 2-component plastic insulation. Safety is increased by the antislip protection at the front end of the handle. The sliding function offers contactless and safe opening of the non-insulated jaws, thereby providing extra protection.



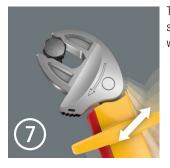
# Automatically and continuously self-setting



With its automatically and continuously gripping parallel jaws the Joker 6004 VDE spanner covers all dimensions within the potential operative range. The tool finds the required size by itself when attaching it to the bolt or screw.



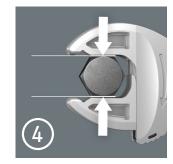
# Ratchet functionality for quick working



The ratchet functionality in the open end sees to fast and consistent screwdriving without removing the tool.



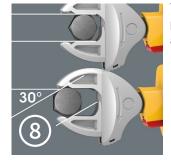
# Gentle to the screw



The parallel smooth jaws of the Joker 6004 VDE allow surface pressure and can thus prevent rounding of the bolt or screw head, which can occur during power transmission on corners.



### Low return angle



Thanks to the corner-width rectangular prisms, a return angle of only 30° can be achieved.

# The Joker 6004 VDE range

6004 Joker VDE XS VDE-insulated, self-setting spanner			
	vera.de		
TOOL ALJUSTING GOODI SAUD INTEREENT			

- Application:
   Hexagonal screw heads and bolts with wrench sizes 7-10 (metric) or 1/4"-3/8" (imperial)
- **Design:** Insulated, individually tested as per IEC 60900; 2-component plastic foam insulation; self-setting spanner with ratchet function; mouth side adjustable in size, parallel smooth jaws; with 30° back-pivoting angle via the corner-width prisms in the jaws; anti-slip protection at the front end of the handle; sliding function for contactless and safe opening of the non-insulated jaws; hole for hanging

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	mm		mm	mm	
05 <b>020150</b> 001	7-10	<sup>1</sup> / <sub>4</sub> "- <sup>3</sup> / <sub>8</sub> "	119	7.7	

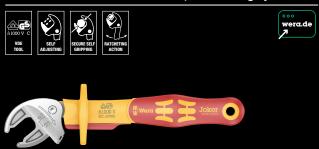
# 6004 Joker VDE 4 Set 1 VDE-insulated self-setting spanner set



VDE-insulated self-setting spanner set 4-piece set In a robust textile box

05 <b>020170</b> 001		
	6004 Joker VDE XS	1x 7-10 (1/4"-3/8")x119
	6004 Joker VDE S	1x 10-13 ( <sup>7</sup> / <sub>16</sub> "- <sup>1</sup> / <sub>2</sub> ")x155
	6004 Joker VDE M	1x 13-16 (1/2"-5/8")x190
	6004 Joker VDE L	1x 16-19 ( <sup>5</sup> / <sub>8</sub> "- <sup>3</sup> / <sub>4</sub> ")x226

### 6004 Joker VDE S VDE-insulated, self-setting spanner



- Application: Hexagonal screw heads and bolts with wrench sizes 10-13 (metric) or  $^{7}/_{16}$ " (imperial)
- **Design:** Insulated, individually tested as per IEC 60900; 2-component plastic foam insulation; self-setting spanner with ratchet function; open end side adjustable in size, parallel smooth jaws; with 30° return angle via the corner-width prisms in the jaws; anti-slip protection at the front end of the handle; sliding function for contactless and safe opening of the non-insulated jaws; hole for hanging

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	mm		mm	mm	
05 <b>020151</b> 001	10-13	<sup>7</sup> / <sub>16</sub> "- <sup>1</sup> / <sub>2</sub> "	155	10	



#### 6004 Joker VDE M VDE-insulated, self-setting spanner



- Application: Hexagonal screw heads and bolts with wrench sizes 13-16 (metric) or 1/2" -5/8" (imperial)
- **Design:** Insulated, individually tested as per IEC 60900; 2-component plastic foam insulation; self-setting spanner with ratchet function; open end side adjustable in size, parallel smooth jaws; with 30° return angle via the corner-width prisms in the jaws; anti-slip protection at the front end of the handle; sliding function for contactless and safe opening of the non-insulated jaws; hole for hanging

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	mm		mm	mm	
05 <b>020152</b> 001	13-16	<sup>1</sup> / <sub>2</sub> "- <sup>5</sup> / <sub>8</sub> "	190	12.4	

#### 6004 Joker VDE L VDE-insulated self-setting spanner

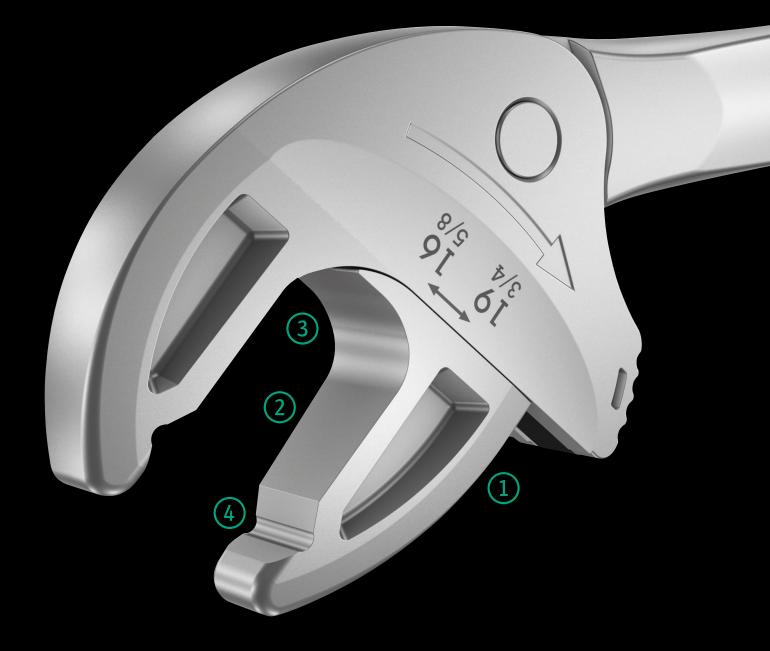


- Application: Hexagonal screw heads and bolts with wrench sizes 16-19 (metric) or  $\frac{5}{8}$ "- $\frac{3}{4}$ " (imperial)
- **Design:** Insulated, individually tested as per IEC 60900; 2-component plastic foam insulation; self-setting spanner with ratchet function; open end side adjustable in size, parallel smooth jaws; with 30° return angle via the corner-width prisms in the jaes; anti-slip protection at the front end of the handle; sliding function for contactless and safe opening of the non-insulated jaws; hole for hanging

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	mm		mm	mm	
05 <b>020153</b> 001	16-19	<sup>5</sup> / <sub>8</sub> "- <sup>3</sup> / <sub>4</sub> "	226	14	



# Joker 6004



Many users wish to have a universal screwdriving tool with the widest possible range of applications. It should be a single tool for multiple metric and imperial dimensions.

It should automatically adjust to the different screw sizes. It should be safe to grab without damaging anything and allow for a high working speed.

The Joker 6004 fulfills these wishes. The continuous and parallel jaws replace several single spanner dimensions. 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 slipping or damage.

The ratchet functionality ensures fast and consistent screwdriving without removing the tool. Thanks to the corner-width rectangular prisms, a return angle of only 30° can be realized.

The single-arm design in conjunction with the ratchet functionality and the corner-width prism make it possible to work even in confined spaces. The adjustable Joker 6004 is the universal screwdriving tool.









With its automatically and continuousy gripping parallel jaws the Joker spanner 6004 covers all dimensions in the respective field of application. The tool automatically finds the required size when placed on the bolt or screw, no setting required.



### Ratchet mechanism for fast work



The ratchet functionality in the open end sees to fast and consistent screwdriving without removing the tool.



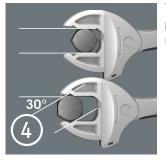
### Gentle to the screw



#### The parallel smooth jaws of the Joker 6004 allow surface pressure and can thus prevent rounding of the bolt or screw head, which can occur during power transmission on corners.



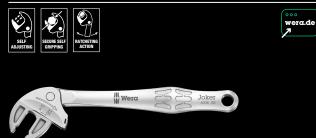
### Low return angle



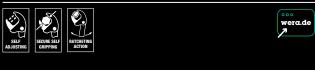
Thanks to the corner-width rectangular prisms, a return angle of only 30° can be realized.

# The Joker 6004 range

### 6004 Joker XS Self-setting spanner



#### 6004 Joker S Self-setting spanner





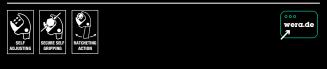
- Application: Hexagon screw heads and bolts with wrench size 7-10 (metric) or <sup>1</sup>/<sub>4</sub>"-<sup>3</sup>/<sub>8</sub>" (imperial)
- **Design:** Self-setting spanner with ratchet function; size-adjustable mouth side, parallel smooth jaws; with 30° back-pivoting angle due to the corner-width rectangular prisms in the mouth; hole for hanging

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	mm		mm	mm	
05 <b>020099</b> 001	7-10	<sup>1</sup> / <sub>4</sub> "- <sup>3</sup> / <sub>8</sub> "	115	7.7	

- Application: Hexagon screw heads and bolts with wrench size 10-13 (metric) or  $^{7}\!\!\!/_{16}$ "-1/2" (imperial)
- **Design:** Self-setting spanner with ratchet function; size-adjustable mouth side, parallel smooth jaws; with 30° back-pivoting angle due to the corner-width rectangular prisms in the mouth; hole for hanging

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	mm		mm	mm	
05 <b>020100</b> 001	10-13	<sup>7</sup> / <sub>16</sub> "-1/2"	154	10	

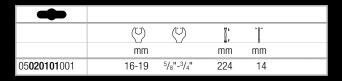
### 6004 Joker L Self-setting spanner



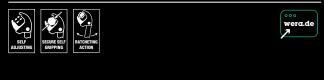


Application: Hexagon screw heads and bolts with wrench size 16-19 (metric) or <sup>5</sup>/<sub>8</sub>"-<sup>3</sup>/<sub>4</sub>" (imperial)

**Design:** Self-setting spanner with ratchet function; size-adjustable mouth side, parallel smooth jaws; with 30° back-pivoting angle due to the corner-width rectangular prisms in the mouth; hole for hanging



### 6004 Joker XL Self-setting spanner





- Application: Hexagon screw heads and bolts with wrench size 19-24 (metric) or  ${}^3/{}_4{}^{-15}/{}_{16}{}^{\alpha}$  (imperial)
- **Design:** Self-setting spanner with ratchet function; size-adjustable open end side, parallel smooth jaws; with 30° return angle due to the corner-width rectangular prisms in the jaws; hole for hanging

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	mm		mm	mm	
05 <b>020104</b> 001	19-24	<sup>3</sup> / <sub>4</sub> "- <sup>15</sup> / <sub>16</sub> "	256	16	

#### 6004 Joker M Self-setting spanner



- Application: Hexagon screw heads and bolts with wrench size 13-16 (metric) or  $1/2^{"-5}/8^"$  (imperial)
- **Design:** Self-setting spanner with ratchet function; size-adjustable mouth side, parallel smooth jaws; with 30° back-pivoting angle due to the corner-width rectangular prisms in the mouth; hole for hanging

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	mm		mm	mm	
05 <b>020103</b> 001	13-16	<sup>1</sup> /2"- <sup>5</sup> /8"	188	12.4	



#### 6004 Joker XXL Self-setting spanner







- Application: Hexagon screw heads and bolts with wrench size 24-32 (metric) or  $^{15}\!/_{16}$ "-1  $^{1}\!/_{4}$ " (imperial)
- **Design:** Self-setting spanner with ratchet function; size-adjustable mouth side, parallel smooth jaws; with 30° back-pivoting angle due to the corner-width rectangular prisms in the mouth; hole for hanging

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	mm		mm	mm	
05 <b>020102</b> 001	24-32	<sup>15</sup> / <sub>16</sub> "- <b>1</b> <sup>1</sup> / <sub>4</sub> "	322	20	

#### 6004 Joker 4 set 1 Self-setting spanner set



Self-setting spanner set 4-piece set In robust folding pouch

05 <b>020110</b> 001	
	<b>6004 Joker XS</b> 1x 7-10 (1/4"-3/8")x117
	<b>6004 Joker S</b> 1x 10-13 (7/16"-1/2")x154
	<b>6004 Joker M</b> 1x 13-16 (1/2"-5/8")x188
	<b>6004 Joker L</b> 1x 16-19 ( <sup>5</sup> / <sub>8</sub> "- <sup>3</sup> / <sub>4</sub> ")x224

# The Joker 7880 range



# New solution for setting the torque correctly

# → www.wera.de/torque-advisor

#### 9530 Torque wrench set for heat pumps/air conditioning

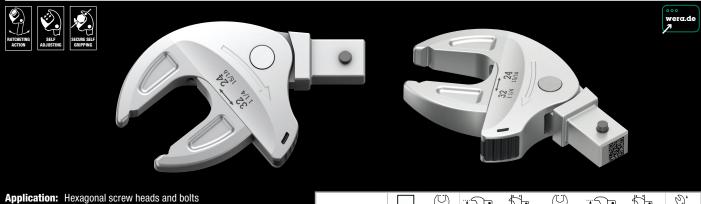


4-piece set; in surface-friendly, compact and extremely robust textile box. Small size and low weight for better mobility.

One Click-Torque X 7 torque wrench with 14x18 mm mounting for insert tools, measuring range 10-100 Nm, accuracy  $\pm 4$  % of the set value, as per DIN EN ISO 6789-1:2017-07, for clockwise and anti-clockwise torque-control; easy setting and saving of the required torque, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached, ergonomic 2-component handle, 3 self-setting Joker 7880 exchangeable insert spanners with ratchet functionality.

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05 <b>136076</b> 001		
	Click-Torque X 7	1x 14x18, 10-100 Nm
	7880 Joker XXL	1x 14x18x24-32 ( <sup>15</sup> / <sub>16</sub> "-1 <sup>1</sup> / <sub>4</sub> ")x113,5
	7880 Joker XL	1x 14x18x19-24 (³/4"- <sup>15</sup> / <sub>16</sub> ")x95,0
	7880 Joker L	1x 14x18x16-19 ( <sup>5</sup> /8"- <sup>3</sup> /4")x85,5

#### 7880 Joker XXL Self-setting insert spanner for wrench sizes 24-32 mm, 14x18mm



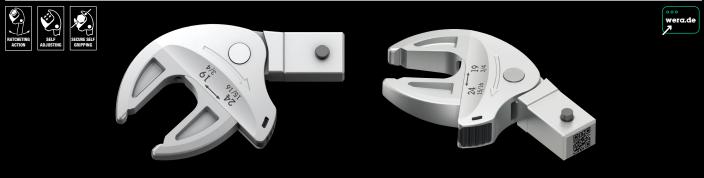
- Application:
   Hexagonal screw heads and botts

   Drive:
   14x18 mm; for torque wrenches of the Click-Torque X and XP series with 14x18 mm mounting

   Design:
   Self-setting spanner with ratchet functionality; open
- end adjustable in size, parallel smooth jaws; with 30° return angle via the corner-width prisms in the jaw

	mm	mm	mm	) mm	$\langle \Box \rangle$		mm	mm
05 <b>020173</b> 001	14x18	24-32	24,0 27,0 30,0 32,0	62,2 68,0 70,2 70,4	<sup>15</sup> / <sub>16</sub> "-1 <sup>1</sup> /4"	<sup>15</sup> / <sub>16</sub> " <sup>31</sup> / <sub>32</sub> " 1" 1 <sup>1</sup> /16" 1 <sup>1</sup> /8" 1 <sup>3</sup> /16" 1 <sup>1</sup> /4"	62,2 63,9 65,4 66,4 69,5 70,1 70,2	113.5

#### 7880 Joker XL Self-setting insert spanner for wrench sizes 19-24 mm, 14x18mm



Application: Hexagonal screw heads and bolts

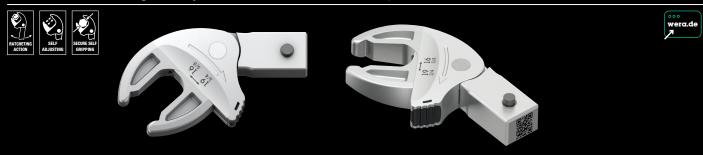
 Drive:
 14x18 mm; for torque wrenches of the Click-Torque X and XP series with 14x18 mm mounting

 Design:
 Self-setting spanner with ratchet functionality; open end adjustable in size, parallel smooth jaws; with 30°

return angle via the corner-width prisms in the jaw

ţ.  $\langle \nabla \rangle$ V Þ mm mm mm mm mm 3/4"-15/16" 05020172001 14x18 19-24 19,0 51,6 3/4" 51,6 20,0 53,6 <sup>25</sup>/<sub>32</sub>" 53.3 21,0 55,4 <sup>13</sup>/16" 54,7 22,0 56,7 <sup>7</sup>/8" 56,7 <sup>15</sup>/<sub>16</sub>" 24,0 56,7 56,7

#### 7880 Joker L Self-setting insert spanner for wrench sizes 16-19 mm, 14x18mm



Application: Hexagonal screw heads and bolts

- Drive: 14x18 mm; for torque wrenches of the Click-Torque X and XP series with 14x18 mm mounting
- and XP series with 14x18 mm mounting **Design:** Self-setting spanner with ratchet functionality; open end adjustable in size, parallel smooth jaws; with 30° return angle via the corner-width prisms in the jaw

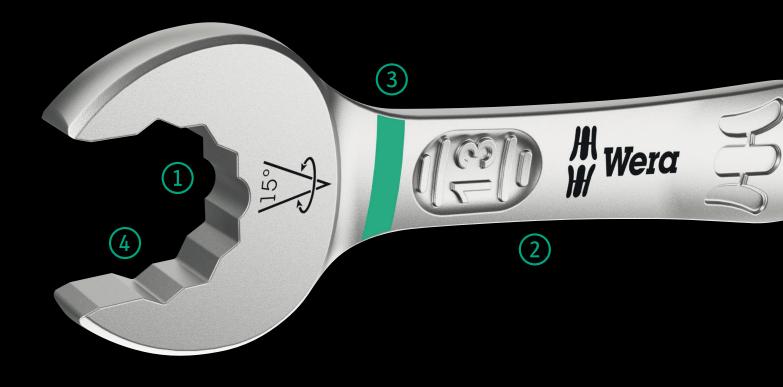
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	mm	mm	mm	mm			mm	mm
05 <b>020171</b> 001	14x18	16-19	16,0	44,6	<sup>5</sup> /8"- <sup>3</sup> /4"	<sup>5</sup> /8"	44,4	85.5
			17,0	46,7		<sup>11</sup> /16"	47,3	
			18,0	48,2		3/4"	49,1	
			19,0	49,1				

2); 2);

mm

95.0

# Joker 6005



# For return angles of less than 30°



Thanks to the 7.5° offset open end, the double hexagon geometry and an improved application method (placement - screwdriving - rotation - re-placement - screwdriving - rotation etc), even screwdriving situations that have a return angle of less than 30° can be solved.



# Take it easy tool finder



Take it easy tool finder system - with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX<sup>®</sup> drive screws (L-Keys, Zyklop bit sockets).

# SMALL ANGLE

# For very tight spaces



The Joker 6005 double open end wrench with its special open end design – a 7.5° offset open end and double hexagon geometry – doubles the placement points at a repeated 180° rotation of the wrench around the longitudinal axis. Bolts and screw heads can be engaged every 15°. The Joker 6005 will automatically find the respective placement point after every turn.

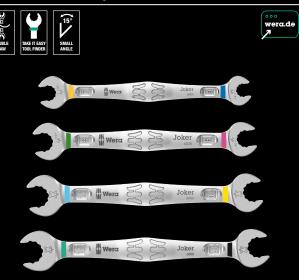
### **Double-hex geometry**



The double hexagonal geometry of the open end of the Joker 6005 double open end wrench ensures the positive connection with the screw head or the bolt and reduces the risk of slipping.



#### 6005 Joker Double open end wrench



#### Application: Hexagon bolts and nuts

Design:

Double open end wrench; open-end sides offset by 7.5°; with Take it easy tool finder: colour coding by size

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		Ÿ	Y	6		
		mm	mm	mm	mm	
05 <b>020310</b> 001		6	16	7	17,7	
05 <b>020311</b> 001		8	19	9	21	
05 <b>020312</b> 001		10	23	11	25	
05 <b>020313</b> 001		12	26	13	27	

As installation spaces become increasingly confined it is necessary that tools enable users to work successfully even in such situations. Narrow spaces require additional placement points of the tool. Can spanners be modified to increase the placement possibilities of the tool?

The combination of the 7.5° pivoted open end and the double hexagon geometry doubles the placement points. A repeated 180° turn of the wrench around the longitudinal axis during screwdriving provides four placement possibilities, and bolts or screw heads can be engaged every 15°.

The Joker 6005 with its smart open end geometry significantly expands the range of uses in confined spaces. The Joker 6005 will automatically find the respective placement point after every turn. The high-quality surface treatment achieves a high and long-lasting corrosion protection. With Take it easy tool finder: Colour coding by size.

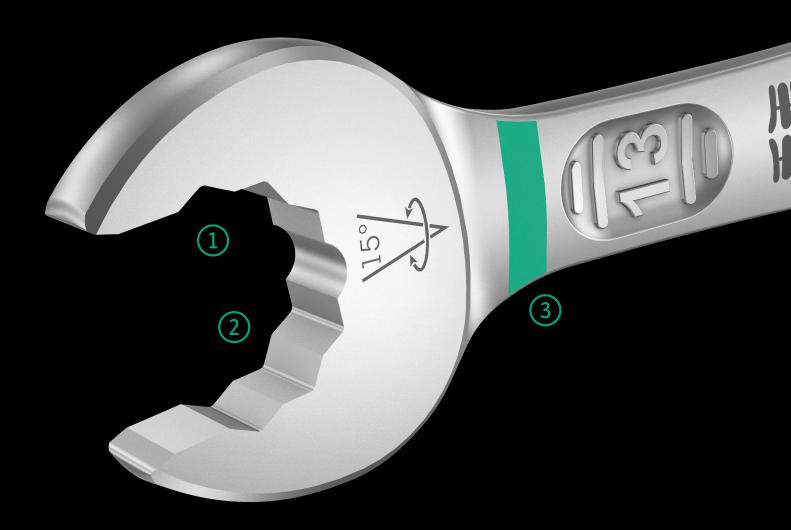
#### 6005 Joker 4 Set 1 Double open end wrench set



Double open end wrench set, open-end sides offset by 7.5° 4-piece set In a handy clip

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05 <b>020314</b> 001		
	6005 Joker Double	1x 6x7x111,8; 1x 8x9x122,2; 1x 10x11x137,3; 1x 12x13x166

# Joker 6003



As installation spaces become increasingly confined it remains necessary that tools evolve to enable users to work successfully. Narrow spaces require additional placement points of the tool. Can spanners be modified so that the placement possibilities of the tool increase?

The combination of the 7.5° pivoted open end and the double hexagon geometry doubles the placement points. A repeated 180° turn of the wrench around the longitudinal axis during screwdriving provides four placement possibilities, and bolts or screw heads can be "taken" every 15°. The Joker 6003 with its smart open end geometry significantly expands the range of uses in confined spaces. The Joker 6003 will automatically find the respective placement point after every turn.

The slim yet robust ring side is tilted by 15° to the tool axis. The high-quality surface treatment achieves a high and long-lasting corrosion protection.

With Take it easy tool finder: colour coding by size.

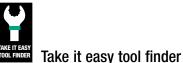


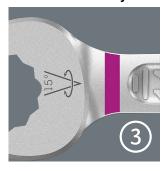


#### For very tight spaces



The Joker 6003 ring spanner with its special open end geometry – open end offset by 7.5° and the double hexagon profile – doubles the placement possibilities when repeatedly turning the wrench 180° around the longitudinal axis. Bolts and screw heads can be "accessed" every 15°. The Joker 6003 will automatically find the respective placement point after every turn.





Take it easy tool finder system - with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX<sup>®</sup> drive screws (L-Keys, Zyklop bit sockets).

### For return angles of less than 30°



Thanks to the open end side offset by 7.5°, double hexagon geometry and an adjusted application method (placement – screwdriving – turning – replacement – screwdriving – turning, etc), even screwdriving challenges allowing a return angle of less than 30° can be solved.

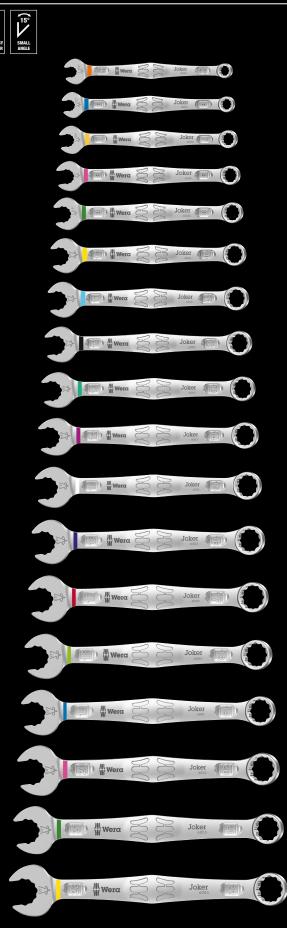
### Tilted ring side



The ring side is tilted at 15° to the tool axis to prevent injury.

# The Joker 6003 range

**6003 Joker Combination wrench** 





Application: Hexagon screw heads and bolts

**Design:** Combination wrench; open end side offset by 7,5°, ring side pivoted by 15°; with Take it easy tool finder: colour coding by size

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		mm	mm	mm	mm	mm	
05 <b>020190</b> 001		5,5	105	16	4	10	
05 <b>020198</b> 001		6	105	16	4	10	
05 <b>020199</b> 001		7	110	17,7	4,2	11,5	
05 <b>020200</b> 001		8	115	19	4,5	12,5	
05 <b>020219</b> 001		9	120	21	4,8	13,5	
05 <b>020201</b> 001		10	125	22	5	15	
05 <b>020202</b> 001		11	135	24,5	5	17	
05 <b>020203</b> 001		12	148	26	5,5	18	
05 <b>020204</b> 001		13	160	27	6	19	
05 <b>020205</b> 001		14	167	29	6	20	
05 <b>020206</b> 001		15	174	32	6	22	
05 <b>020207</b> 001		16	182	35	6,5	23	
05 <b>020208</b> 001		17	190	38	6,5	24,5	
05 <b>020209</b> 001		18	210	39	7,5	26	
05 <b>020210</b> 001		19	230	42	7,5	27,5	
05 <b>020500</b> 001		20	230,0	45	7.5	29	
05 <b>020501</b> 001		21	260	47	7.5	30	
05 <b>020502</b> 001		22	260	49	7.5	31,5	
05 <b>020503</b> 001		24	280	53	8	36	
05 <b>020504</b> 001		27	300	60	8.5	40	
05 <b>020505</b> 001		30	330	66	9	43	
05 <b>020506</b> 001		32	360	70	9.5	45,5	
05 <b>020507</b> 001		36	460	80	10	50,5	

#### 6003 Joker 4 Set 1 Combination wrench set



#### Combination wrench set, open end side offset by 7.5° 4-piece set

In a handy clip

05 <b>020228</b> 001		
	6003 Joker	1x 8x115; 1x 10x125; 1x 12x148; 1x 13x160

#### 6003 Joker 5 Set 1 Combination wrench set

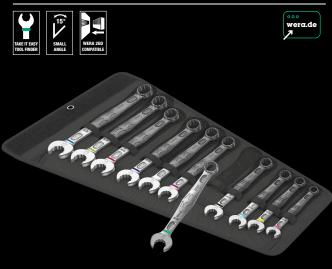


Combination wrench set, open end side offset by 7.5° 5-piece set

#### In roubust pouch

•		
05 <b>020230</b> 001		
	6003 Joker	1x 8x115; 1x 10x125; 1x 13x160; 1x 17x190; 1x 19x230

#### 6003 Joker 11 Set 1 Combination wrench set



Combination wrench set, open end side offset by 7,5° 11-piece set In roubust pouch

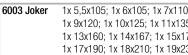
05 <b>020231</b> 001		
	6003 Joker	1x 8x115; 1x 10x125; 1x 11x135; 1x 12x148; 1x 13x160; 1x 14x167; 1x 15x174; 1x 16x182;
		1x 15x100, 1x 14x107, 1x 15x174, 1x 10x162, 1x 17x190; 1x 18x210; 1x 19x230

#### 6003 Joker 15 Set 1 Combination wrench set



Combination wrench set, open end side offset by 7,5° 15-piece set In robust textile pouch

#### 05**020302**001



1x 5,5x105; 1x 6x105; 1x 7x110; 1x 8x115; 1x 9x120; 1x 10x125; 1x 11x135; 1x 12x148; 1x 13x160; 1x 14x167; 1x 15x174; 1x 16x182; 1x 17x190; 1x 18x210; 1x 19x230

# The Joker 6003 range

#### 6003 Joker 22 Set 1 Combination wrench set



Combination wrench set, open end side offset by 7.5°

22-piece set

05 <b>020232</b> 001		
	6003 Joker	1x 5,5x105; 1x 6x105; 1x 7x110; 1x 8x115;
		1x 9x120; 1x 10x125; 1x 11x135; 1x 12x148;
		1x 13x160; 1x 14x167; 1x 15x174; 1x 16x182;
		1x 17x190; 1x 18x210; 1x 19x230; 1x 20x230;
		1x 21x260; 1x 22x260; 1x 24x280; 1x 27x300;
		1x 30x330; 1x 32x360

**Bicycle Set 10** 



Combination wrench set, open end side offset by 7,5°

5-piece set

In robust pouch

•		
05 <b>004178</b> 001		
	6003 Joker	1x 8x115; 1x 9x120; 1x 10x125; 1x 13x160
	6003 Joker	1x 15x174
	Pedal	
	Hook and	1x 50,0x120,0
	Loop Fastener	
	Strip 120	

# **Bicycle Set 12**





Combination wrench set, open end side offset by 7,5°

#### 12-piece set

#### In robust pouch

•		
05 <b>004181</b> 001		
	6003 Joker	1x 6x105; 1x 7x110; 1x 8x115; 1x 9x120; 1x 10x125; 1x 11x135; 1x 12x148; 1x 13x160; 1x 14x167; 1x 16x182; 1x 17x190
	6003 Joker Pedal	1x 15x174

#### 6003 Joker Pedal Combination wrench



Application: Hexagon bolts and screw heads

Design:

Combination wrench, extra-flat open end side; open end side offset by 7.5°; ring side pivoted by 15°; with Take it easy tool finder: colour coding by size

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	$\langle \nabla \rangle$	Ï,	Y	1	0	1	
	mm	mm	mm	mm	mm	mm	
05 <b>020221</b> 001	15	174	32	4,5	22	8,5	

# 9640 Magnetic rail 6003 Joker 1 Combination wrench set



Combination wrench set, open end side offset by  $7{,}5^{\circ}$ 

11-piece set

On a magnetic rail

05 <b>020233</b> 001		
	6003 Joker	1x 8x115; 1x 10x125; 1x 11x135; 1x 12x148; 1x 13x160; 1x 14x167; 1x 15x174; 1x 16x182; 1x 17x190; 1x 18x210; 1x 19x230.0
	9610	1x 30.0x370.0

### 9641 Magnetic rail 6003 Joker 2 Combination wrench set



Combination wrench set, open end side offset by 7,5°

5-piece set

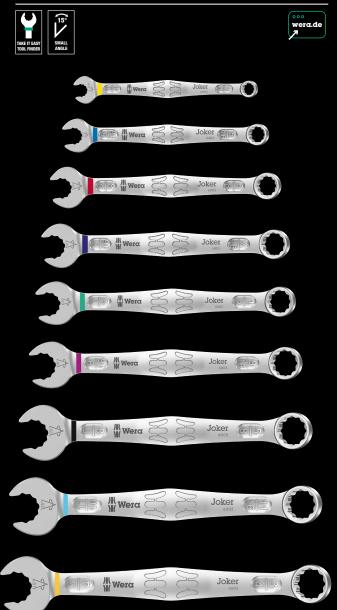
On a magnetic rail

•		
05 <b>020234</b> 001		
	6003 Joker	1x 8x115; 1x 10x125; 1x 13x160; 1x 17x190;
		1x 19x230.0
	9610	1x 30.0x370.0





# The Joker 6003 range



#### 6003 Joker Combination wrench, Imperial

#### Application: Hexagon screw heads and bolts

**Design:** Combination wrench; open end side offset by 7,5°, ring side pivoted by 15°; with Take it easy tool finder: colour coding by size

		$\langle \! \bigtriangledown \! \rangle$	Ϊ,	$\bigotimes$	-0-	$\bigcirc$	
			mm	mm	mm	mm	
05 <b>020220</b> 001		<sup>1</sup> /4"	105	16	4	10	
05 <b>020211</b> 001		<sup>5</sup> / <sub>16</sub> "	115	19	4,5	12,5	
05 <b>020212</b> 001		<sup>3</sup> /8"	125	22	5	15	
05 <b>020213</b> 001		<sup>7</sup> / <sub>16</sub> "	135	24,5	5	17	
05 <b>020214</b> 001		<sup>1</sup> /2"	160	26	6	19	
05 <b>020215</b> 001		<sup>9</sup> / <sub>16</sub> "	167	29	6	20	
05 <b>020216</b> 001		<sup>5</sup> /8"	182	35	6,5	23	
05 <b>020217</b> 001		<sup>11</sup> / <sub>16</sub> "	210	40	7,5	26	
05 <b>020218</b> 001		3/4"	230	42	7,5	27,5	

### 6003 Joker 4 Set Imperial 1 Combination wrench set



Combination wrench set, open end side offset by  $7{,}5^{\circ}$  4-piece set

In a handy clip

•		
05 <b>020229</b> 001		
	6003 Joker Imperial	1x <sup>5</sup> /16"x115; 1x <sup>3</sup> /8"x125; 1x <sup>7</sup> /16"x135; 1x <sup>1</sup> /2"x160

#### 6003 Joker 8 Imperial Set 1 Combination wrench set, Imperial



Combination wrench set, open end sideoffset by 7,5° 8-piece set

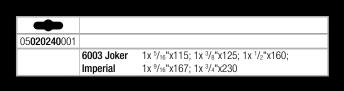
In roubust pouch

•		
05 <b>020241</b> 001		
	6003 Joker Imperial	1x <sup>5</sup> / <sub>16</sub> "x115; 1x <sup>3</sup> / <sub>8</sub> "x125; 1x <sup>7</sup> / <sub>16</sub> "x135; 1x <sup>1</sup> / <sub>2</sub> "x160; 1x <sup>9</sup> / <sub>16</sub> "x167; 1x <sup>5</sup> / <sub>8</sub> "x182; 1x <sup>11</sup> / <sub>16</sub> "x210; 1x <sup>3</sup> / <sub>4</sub> "x230

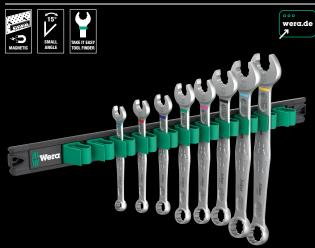
#### 6003 Joker 5 Imperial Set 1 Combination wrench set, Imperial



Combination wrench set, open end side offset by 7,5° 5-piece set In roubust pouch

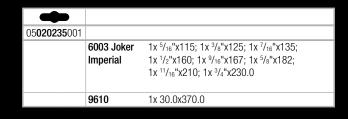


# 9642 Magnetic rail 6003 Joker Imperial 1 Combination wrench set

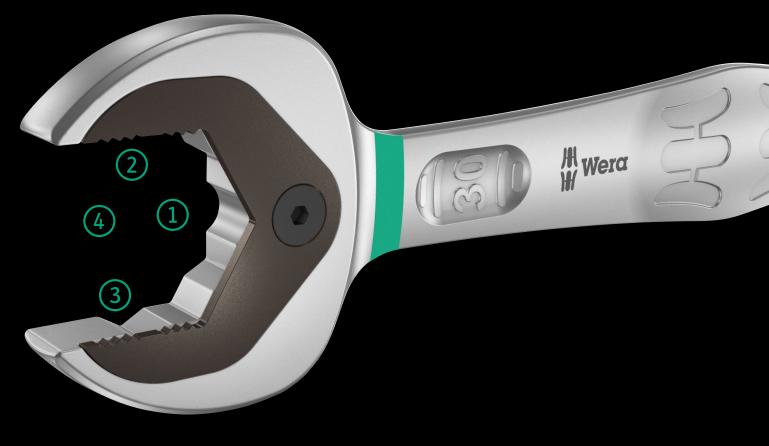


Combination wrench set, open end side offset by 7,5° 8-piece set

On a magnetic rail



# Joker 6002





# 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.



# -SLIP 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.



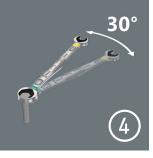
### Integrated limit-stop



Constant re-positioning of the wrench? Difficulty holding fasteners in confined spaces? Easing off to avoid any risks of injury or fastener damage? That was yesterday. Today, the Joker prevents slipping off of the fastener head with its integrated limit-stop – no longer is the thumb needed to act as a depth stop. This makes applications much easier and allows signifi cantly more force to be applied during fastening jobs.



# Small return angle



Instead of 60°, the Joker only has a 30° return angle thanks to it's 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 eff ective work, even on screw pipe connections.



6002 Joker Double Open-end wrench

wera.de



Application:Hexagon bolts and nutsDesign:Double open-end wrench

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		mm	mm	mm	mm	mm	
05 <b>020259</b> 001		8	20	10	23	5,5	
05 <b>003760</b> 001		10	23	13	27	5,5	
05 <b>003765</b> 001		17	37	19	42	8,5	
05 <b>020260</b> 001		20	48	22	51	10	
05 <b>020261</b> 001		22	48	24	51	10	
05 <b>020262</b> 001		24	51	27	60	11	
05 <b>020263</b> 001		27	63	32	66	12	
05 <b>020264</b> 001		30	63	32	66	12	

High quality, metric double open-end wrench: It has a holding function, thanks to the metal plate in the jaw, which reduces the risk of dropping nuts and bolts.

The replaceable metal plate in the jaw secures nuts and bolts with its extra hard teeth and reduces the danger of slipping. The integrated limit stop prevents any slipping downwards around the bolt head and allows higher torque to be applied. The double-hex geometry makes for a positive connection with nuts or bolts and reduces the risk of slipping. A return angle of only 30° prevents any time consuming flipping of the wrench during fastening jobs. The specially forged geometry ensures high torque transfer and great strength.

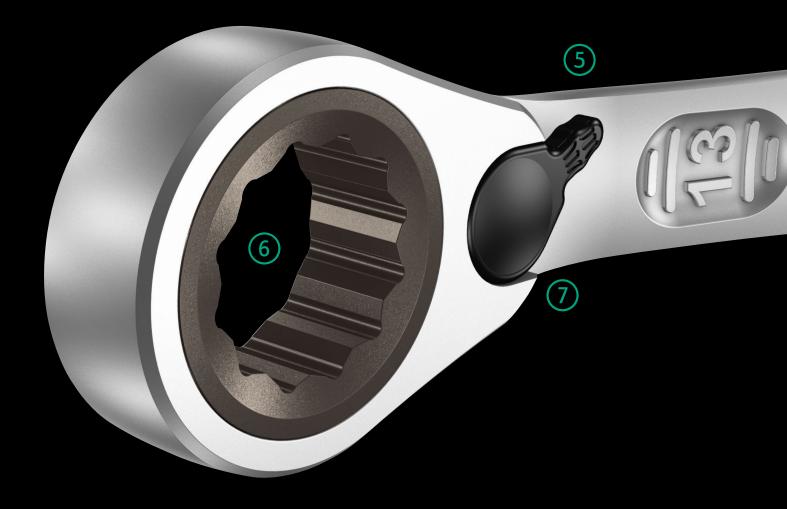
The Joker double open-end wrench is ideally suited for locking down nuts and bolts. Take it easy Tool Finder with colour coding according to sizes. 6000/6002 Joker 6 Set 1 Ratcheting combination / double open-end wrenches set



Ratcheting combination / double open-end wrenches set 6-piece set Durable pouch

•		
05 <b>020022</b> 001		
	6000 Joker	1 x 10x159; 1 x 13x177; 1 x 17x224;
		1 x 19x246
	6002 Joker Double	1 x 10x13x167; 1 x 17x19x235

# Joker 6001





# 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.

### Joker Switch



The direction of the fine-tooth ratchet mechanism can easily be changed via the smooth switch lever.



### Integrated limit-stop



Constant re-positioning of the wrench? Difficulty holding fasteners in confined spaces? Easing off to avoid any risks of injury or fastener damage? That was yesterday. Today, the Joker prevents slipping off of the fastener head with its integrated limit-stop - no longer is the thumb needed to act as a depth stop. This makes applications much easier and allows signifi cantly more force to be applied during fastening jobs.



### 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 workingspaces.



Joker ratcheting combination wrenches with tilted 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 low return angle of only 30° at the open 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° tilted ratchet end for secure work even at high torque.



### 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.

### Tilted ratchet end



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



### Small return angle



Instead of 60°, the Joker only has a 30° return angle thanks to it's 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 eff ective work, even on screw pipe connections.



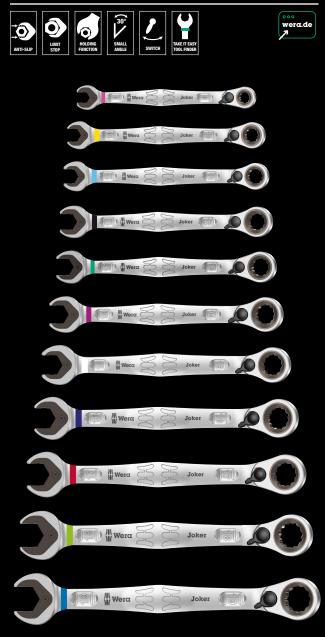
#### Take it easy tool finder



Take it easy tool finder system – with profile and size colour-coding for quick and easy tool selection.

# The Joker 6001 range

6001 Joker Switch Ratcheting combination wrench, with switch lever



Application: Hexagonal nuts or bolts

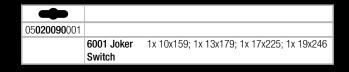
- Design:
- Ratcheting combination wrench, switch lever for convenient change of direction; ring end tilted at 15° from the handle

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	mm	mm	mm	mm	mm	mm
05 <b>020064</b> 001	8	144	20,3	5,5	18	7
05 <b>020065</b> 001	10	159	23	5,5	21,5	7,5
05 <b>020066</b> 001	11	165	24,3	6,3	22	7,5
05 <b>020067</b> 001	12	171	26,3	6,6	25	8,5
05 <b>020068</b> 001	13	179	27,3	7	26	8,5
05 <b>020069</b> 001	14	187	30	7,5	28	9,5
05 <b>020070</b> 001	15	199	32	7,8	28,8	9,5
05 <b>020071</b> 001	16	213	35	8,2	31,7	10,5
05 <b>020072</b> 001	17	225	37	8,5	33	10,5
05 <b>020073</b> 001	18	234	39,5	9	34	11
05 <b>020074</b> 001	19	246	42	9,5	34,7	11

# 6001 Joker Switch 4 Set 1 Ratcheting combination wrenches set



Set of ratcheting combination wrenches, reversible 4-piece set Durable pouch

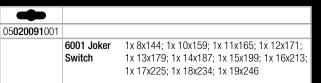


# 6001 Joker Switch 11 Set 1 Ratcheting combination wrenches set

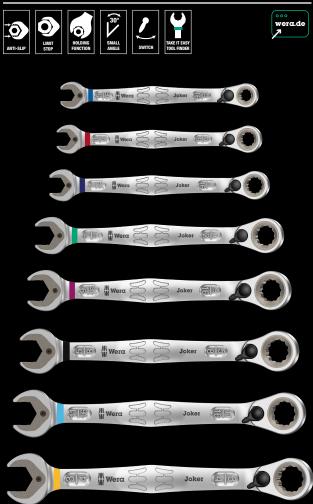




Set of ratcheting combination wrenches, reversible 11-piece set Durable pouch



# 6001 Joker Switch Ratcheting combination wrench, with switch lever, Imperial



Application: Hexagonal nuts or bolts

**Design:** Ratcheting combination wrench, switch lever for convenient change of direction; ring end tilted at 15° from the handle

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		mm	mm	mm	mm	mm
05 <b>020075</b> 001	<sup>5</sup> / <sub>16</sub> "	144	20,3	5,5	18	7
05 <b>020076</b> 001	<sup>3</sup> / <sub>8</sub> "	159	23	5,5	21,5	7,5
05 <b>020077</b> 001	<sup>7</sup> /_"	165	24,3	6,3	22	7,5
05 <b>020078</b> 001	1/"	171	26,3	6,6	25	8,5
05 <b>020079</b> 001	<sup>9</sup> / <sub>16</sub> "	187	30	7,5	28	9,5
05 <b>020080</b> 001	<sup>5</sup> / <sub>8</sub> "	213	35	8,2	31,7	10,5
05 <b>020081</b> 001	<sup>11</sup> / <sub>16</sub> "	234	39,5	9	34	11
05 <b>020082</b> 001	<sup>3</sup> / <sub>4</sub> "	246	42	9,5	34,7	11

# 6001 Joker Switch 4 Imperial Set 1 Ratcheting combination wrenches set, Imperial



Set of ratcheting combination wrenches, reversible 4-piece set Durable pouch

 
 Joker Switch
 1 x <sup>7</sup>/16"x165; 1 x <sup>1</sup>/2"x171; 1 x <sup>9</sup>/16"x187; inch

 1 x <sup>3</sup>/4"x246

# 6001 Joker Switch 8 Imperial Set 1 Ratcheting combination wrenches set, Imperial

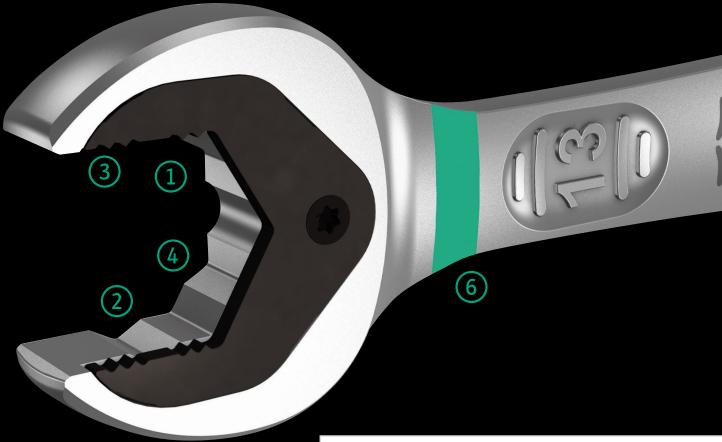




Set of ratcheting combination wrenches, reversible 8-piece set Durable pouch



# Joker 6000



When we began to think about openend 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 open end resulted in a real Joker that works even when all other trumps have been played.





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.



# Small return angle



Instead of 60°, the Joker only has a 30° return angle thanks to it's 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.





### Integrated limit-stop



Constant re-positioning of the wrench? Difficulty holding fasteners in confined spaces? Easing off to avoid any risks of injury or fastener damage? That was yesterday. Today, the Joker prevents slipping off of the fastener head with its integrated limit-stop – no longer is the thumb needed to act as a depth stop. This makes applications much easier and allows signifi cantly more force to be applied during fastening jobs.



### 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 workingspaces.



### 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.

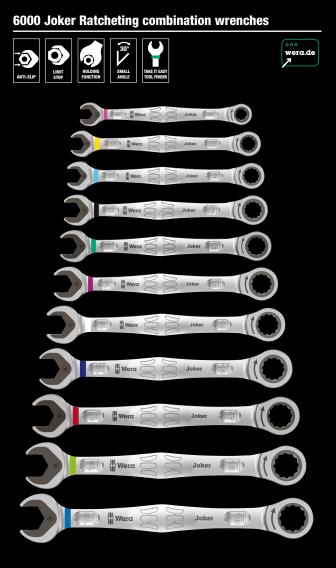


# Take it easy tool finder



Take it easy tool finder system – with profile and size colour-coding for quick and easy tool selection.

# The Joker 6000 range



### 6000 Joker 4 Set 1 Ratcheting combination wrenches set





Set of ratcheting combination wrenches 4-piece set Durable pouch

 Image: 05073290001

 6000 Joker
 1x 10x159; 1x 13x177; 1x 17x224; 1x 19x246

### 6000 Joker 11 Set 1 Ratcheting combination wrenches set





Set of ratcheting combination wrenches 11-piece set Durable pouch

ŧ		
05 <b>020013</b> 001		
	6000 Joker	1x 8x144; 1x 10x159; 1x 11x165; 1x 12x170,7; 1x 13x177; 1x 14x188; 1x 15x200; 1x 16x212; 1x 17x224; 1x 18x235; 1x 19x246

Application: Hexagonal nuts or bolts

**Design:** Ratcheting combination wrench

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	$\langle \nabla \rangle$	Ϊ,	Ŷ	-0-	$\bigcirc$	
	mm	mm	mm	mm	mm	mm
05 <b>073268</b> 001	8	144	20	5,5	18	7
05 <b>073270</b> 001	10	159	22	5,5	21	7,2
05 <b>073271</b> 001	11	165	25	6,3	22	7,5
05 <b>073272</b> 001	12	170,7	26,3	6,6	25	8,5
05 <b>073273</b> 001	13	177	27,3	7	25	8,6
05 <b>073274</b> 001	14	188	29,3	7,5	28	9,2
05 <b>073275</b> 001	15	200	32,3	7,8	28,5	9,2
05 <b>073276</b> 001	16	212	35	8,2	32,7	10,5
05 <b>073277</b> 001	17	224	37,2	8,5	32,7	10,5
05 <b>073278</b> 001	18	235	39	9	33,8	11
05 <b>073279</b> 001	19	246	42	9,5	34,8	11



9630 Magnetic rail 6000 Joker 1 Ratcheting combination wrenches set



Set of ratcheting combination wrenches, metric sizes 11-piece set On a magnetic rail

05 <b>020014</b> 001		
	6000 Joker	1x 8x144; 1x 10x159; 1x 11x165; 1x 12x170.7; 1x 13x177; 1x 14x188; 1x 15x200; 1x 16x212; 1x 17x224; 1x 18x235; 1x 19x246
	9610	1x 30.0x370.0

9631 Magnetic rail 6000 Joker 2 Ratcheting combination wrenches set

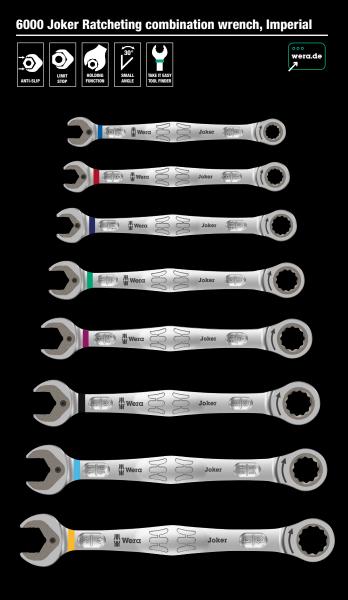


Set of ratcheting combination wrenches, metric sizes 5-piece set

On a magnetic rail

•		
05 <b>020015</b> 001		
	6000 Joker	1x 8x144; 1x 10x159; 1x 13x177; 1x 17x224;
		1x 19x246
	9610	1x 30.0x370.0

# The Joker 6000 range



#### Application: Hexagonal nuts or bolts

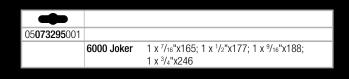
**Design:** Ratcheting combination wrench

•						
	$\langle \Box \rangle$	Ï,	Ŵ	-   -	$\bigcirc$	-
		mm	mm	mm	mm	mm
05 <b>073280</b> 001	<sup>5</sup> /_"	144	20	5,5	18	7
05 <b>073281</b> 001	<sup>3</sup> / <sub>8</sub> "	159	22	5,5	21	7,2
05 <b>073282</b> 001	7/_" 16	165	25	6,3	22	7,5
05 <b>073283</b> 001	1/_"	177	27,3	7	25	8,6
05 <b>073284</b> 001	<sup>9</sup> / <sub>16</sub> "	188	29,3	7,5	28	9,2
05 <b>073285</b> 001	<sup>5</sup> /8"	212	35	8,2	32,7	10,5
05 <b>073286</b> 001	<sup>11</sup> / <sub>16</sub> "	235	39	9	33,8	11
05 <b>073287</b> 001	<sup>3</sup> / <sub>4</sub> "	246	42	9,5	34,8	11

# 6000 Joker 4 Imperial Set 1 Ratcheting combination wrenches set, Imperial



Set of ratcheting combination wrenches 4-piece set Durable pouch



# 6000 Joker 8 Imperial Set 1 Ratcheting combination wrenches set, Imperial





Set of ratcheting combination wrenches 8-piece set Durable pouch

05**020012**001 **6000 Joker** 1 x <sup>5</sup>/<sub>16</sub>"x144; 1 x <sup>3</sup>/<sub>8</sub>"x159; 1 x <sup>7</sup>/<sub>16</sub>"x165; 1 x <sup>1</sup>/<sub>2</sub>"x177; 1 x <sup>9</sup>/<sub>16</sub>"x188; 1 x <sup>5</sup>/<sub>8</sub>"x212; 1 x <sup>11</sup>/<sub>16</sub>"x235; 1 x <sup>3</sup>/<sub>4</sub>"x246

### 9632 Magnetic rail 6000 Joker Imperial 1 Ratcheting combination wrenches set, Imperial



Set of ratcheting combination wrenches, imperial sizes 8-piece set On a magnetic rail

05 <b>020016</b> 001		
	6000 Joker Imperial	1x <sup>5</sup> / <sub>16</sub> "x144; 1x <sup>3</sup> / <sub>8</sub> "x159; 1x <sup>7</sup> / <sub>16</sub> "x165; 1x <sup>1</sup> / <sub>2</sub> "x177; 1x <sup>9</sup> / <sub>16</sub> "x188; 1x <sup>5</sup> / <sub>8</sub> "x212; 1x <sup>11</sup> / <sub>16</sub> "x235; 1x <sup>3</sup> / <sub>4</sub> "x246
	9610	1x 30.0x370.0

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