
















































# The Catalogue


















































**It's in our DNA.**

# Content






















Screwdrivers		Ratchets		Joker Combination Ratchet Wrenches		
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400 T-Handle Series	 68	1/2" Zyklop Speed	 160		Kraftform Kompakt 20, 22, 25, 26, 28	 224
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Tool	Tip type													
	Stainless	Series 900	Series 300	Series Comfort	Wooden Series	Micro Series	400 T-Handle Series	VDE	ESD	Ratchets	L-Keys	Kraftform kompakt	Impact Drivers	Joker
Phillips 	20	26	34, 42	50	56	62		76, 81, 98, 106	110	130ff	216	222ff	449	
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# Your guide to getting the best tools for the job.

														Tool	
1/4"	5/16"	1/4"	7/16"	4 mm	M4	M5	M6	NF2A	4 mm	5 mm	1/4"	5/16"	Tip type		
266-275	282	276-281		285	283	283	284	284	285	286	282	286	Phillips		
288-293	298	294-297			298	298	298						Pozidriv		
		300											PlusMinus Phillips		
		301											PlusMinus Pozidriv		
302-307, 316	311	308-310, 317		314	312	312	313	313	314	315			TORX <sup>®</sup> TORX <sup>®</sup> BO		
307													TORX <sup>®</sup> ZA		
318		319		320					320	321			TORX PLUS <sup>®</sup>		
322		322											TORX PLUS <sup>®</sup> IPR		
323													ASSY <sup>®</sup>		
324-325	327	326		327									Slotted		
328-329	333	330-332		334									Hexagon Socket		
335		335											Hexagon Socket BO		
336-337		338-339											Square Socket		
340	342	341	342										TORQ-SET <sup>®</sup>		
343		343											TRI-WING <sup>®</sup>		
344		344											Multi-Point		
345													HTN		
				346					346				Microstix		
348		349		347									Five Lobe		
350		350											Spanner		
		351-352											External Hex		



# It's in our DNA What we believe in ...

We believe in challenging the standard

We believe in thinking in a rebellious way

We believe in Rock'n'Roll

We love to be Tool Rebels

The way we challenge the standard is ...

by making the experience for our users ...

**easier, safer and full of joy.**

We simply create great tools for rebels.

Do you want to

# BE A TOOL REBEL?



# Wera Werk

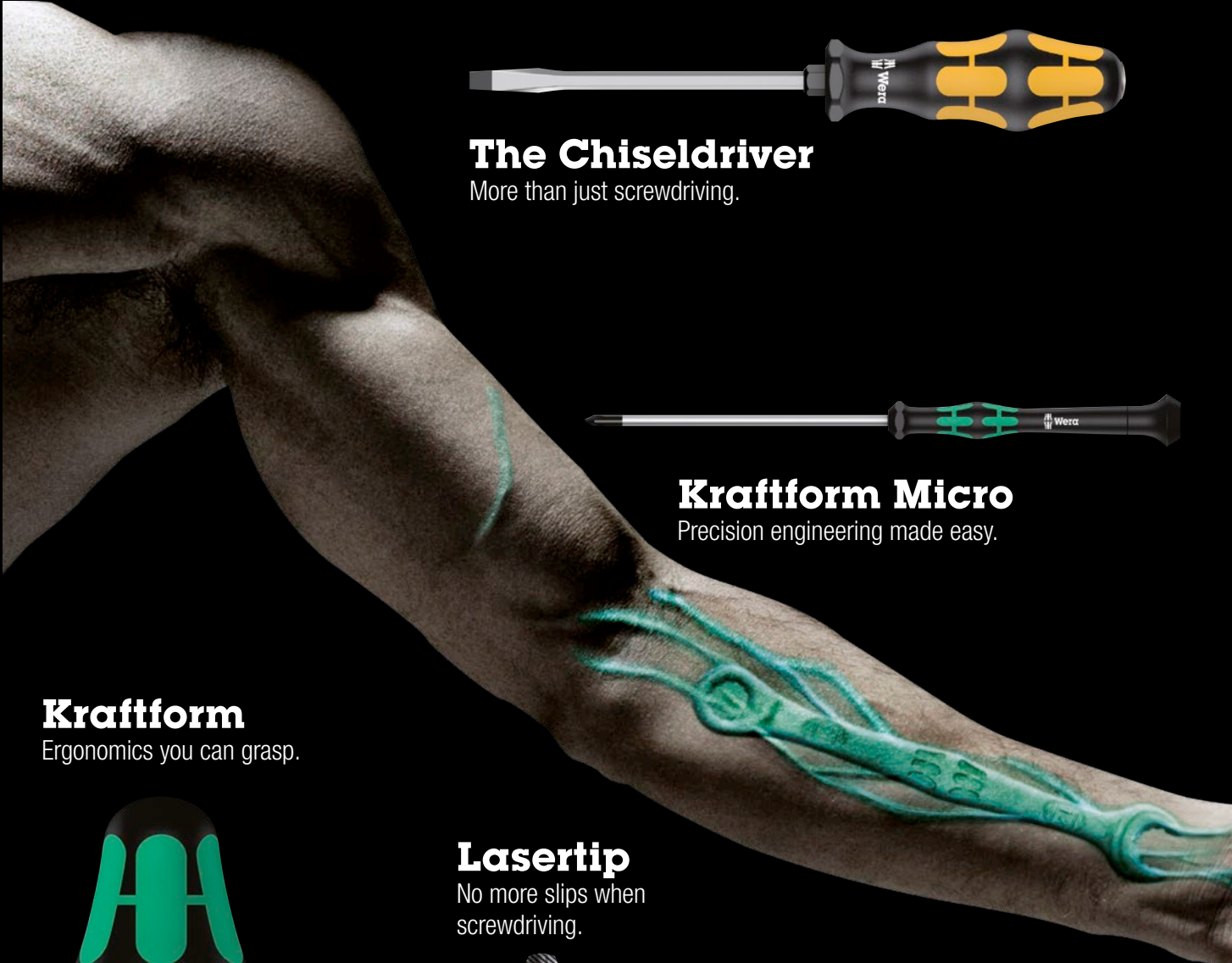
750 passionate staff and a considerable degree of vertical manufacturing integration ensure an unmatched level of tool know-how.





Wera Werk Bystrice (CZ)

# Great Tools for Rebels – It's in our DNA.



**The Chiseldriver**  
More than just screwdriving.



**Kraftform Micro**  
Precision engineering made easy.

## **Kraftform**

Ergonomics you can grasp.



## **Lasertip**

No more slips when  
screwdriving.



## **Joker**

With an amazing holding  
function.





**Koloss**  
Ratchet and hammer.

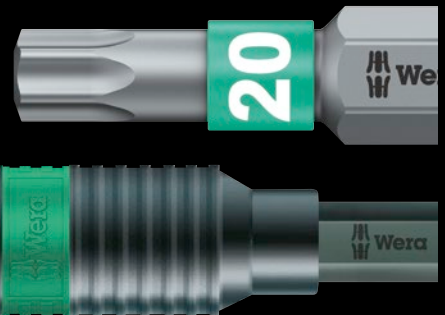


**Zyklop Speed**  
A really fast mover.



**Zyklop Mini**  
Whenever space is tight.

**BiTorsion**  
Bits and holder live longer.



**Kraftform Kompakt**  
Big content, small size.

# Great Tools for Rebels – It's in our DNA.



## Bit-Check

Everything at a glance.  
Always to hand.

## Tools in textile boxes

Small size and low weight for simpler mobility.



## Kraftform Kompakt 20

Getting a handle on things.



## Diamond-coated Bits

Bits with "bite".



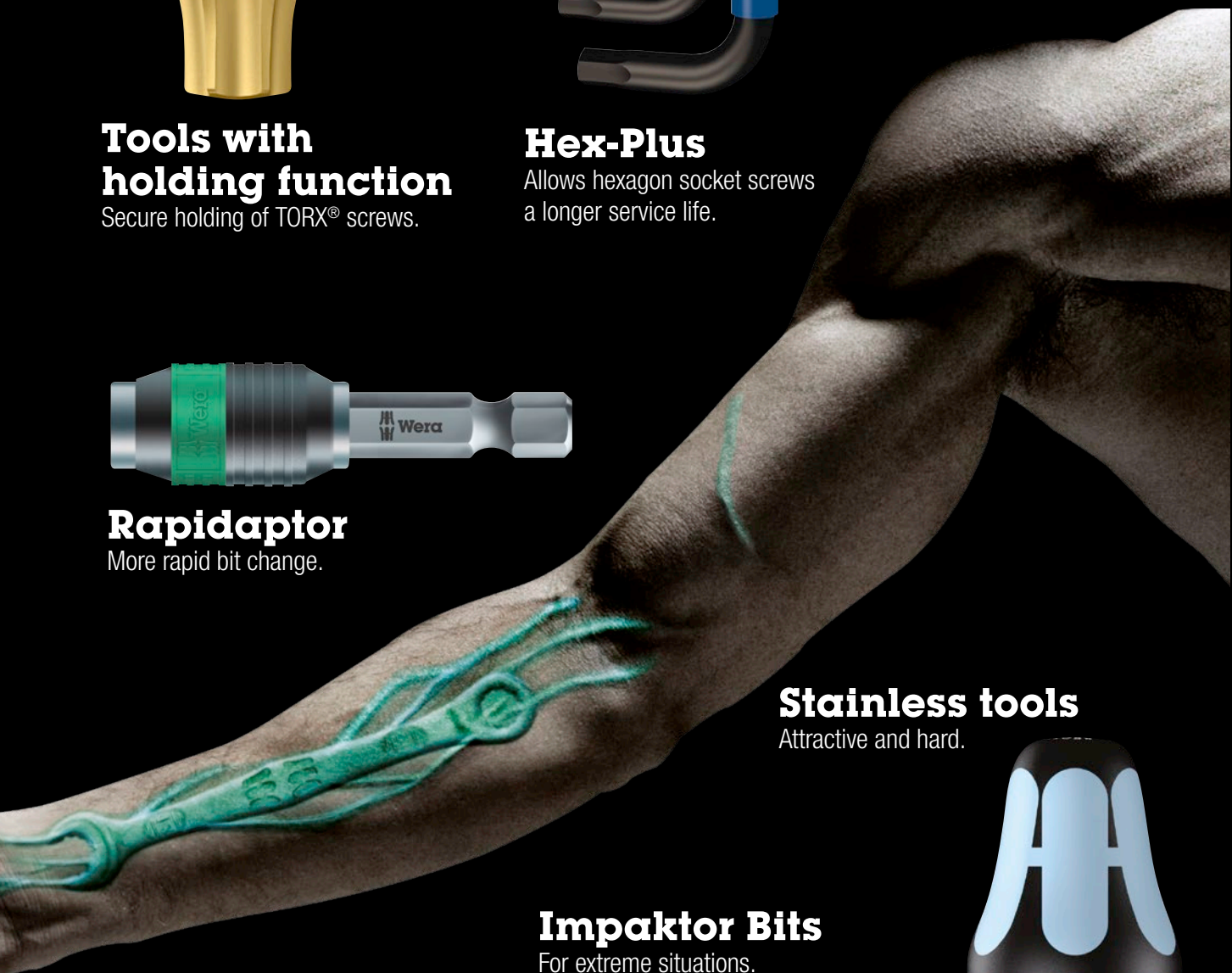


**Tools with holding function**  
Secure holding of TORX® screws.

**Hex-Plus**  
Allows hexagon socket screws a longer service life.



**Rapidaptor**  
More rapid bit change.



**Stainless tools**  
Attractive and hard.

**Impaktor Bits**  
For extreme situations.



**“Take it easy” Toolfinder**

Rapid access to the tool thanks to colour coding.



# We love design

Wera has received several awards for the design of its products and packaging. Including: Red Dot Award, iF Gold Award and German Design Award.



” Our DNA “

# We love Rock'n'Roll



















Wera  
1000 V  
C  
162 1  
2x100  
006184

Wera  
335  
10x5.5x125  
110007

Wera



# Screwdrivers

	Kraftform Stainless Steel	<b>18</b>
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	Kraftform Plus - Series 300	<b>30</b>
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# Kraftform Stainless Screwdrivers

Why are stainless elements so often affected by rust?

One reason: screwdriving jobs are often carried out with a tool made of conventional steel which can result in extraneous rust forming. This is annoying. We were confident that this could be prevented by using tools likewise out of stainless steel and meeting the required standard of industrial hardness.

A tool series out of stainless steel. The forming of extraneous rust is prevented and a special vacuum ice-hardening process ensures the required degree of hardness.



Solution to the rust problem: screw stainless steel together with stainless steel! Wera stainless steel tools are manufactured out of stainless steel so unsightly rust can be avoided.



The stainless steel tools from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.



A precisely-focused laser creates a sharp-edged surface structure. This laser treatment results in an edge hardness of up to 1000 HV 0.3. Wera Lasertip "bites" itself into the screw head and prevents any slips out of the recess. It is available for screwdrivers for slotted, Phillips and Pozidriv screws.



Wera Lasertip reduces the contact pressure required and enhances force transfer – meaning less screwdriving effort is required. Screwdriving becomes safer and easier.



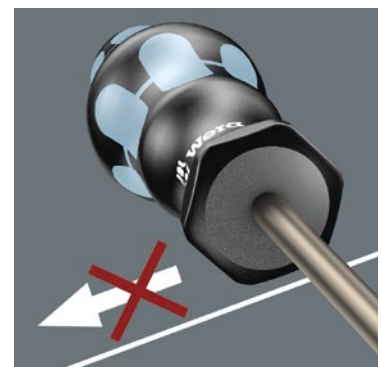
The outstanding design of the Kraftform handle that fits perfectly into the hand prevents hand injuries such as blisters and calluses.



The hard materials used for the handle ensure rapid hand repositioning without any danger of the skin “sticking” to the handle. The surrounding hard zones with large diameters glide like wheels across the hand.



The screw symbol and tip size identification markings on the handle make it easier to find the right screwdriver in the tool case or at the workplace.



The hexagonal non-roll feature prevents any rolling away at the workplace.

# Series Kraftform Screwdrivers Stainless Steel

## 3335 Screwdriver for slotted screws, stainless



**Application:** Slotted screws

**Blade:** Round

**Design:** Stainless steel for minimising rust, Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	mm	-	-
05032001001 <sup>1)</sup>	0,5	3,0	3,0	80	81	1/8"	3 1/8"
05032002001	0,6	3,5	3,5	100	81	9/64"	4"
05032003001	0,8	4,0	4,0	100	98	5/32"	4"
05032004001	1,0	5,5	5,5	125	98	7/32"	5"

<sup>1)</sup> without Lasertip

## 3350 PH Screwdriver for Phillips screws, stainless



**Application:** Phillips screws

**Blade:** Round

**Design:** Stainless steel for minimising rust, Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

	-	mm	mm	mm	-
05032020001 <sup>1)</sup>	PH 0	60	81	3,0	2 3/8"
05032021001	PH 1	80	98	4,5	3 1/8"
05032022001	PH 2	100	105	6,0	4"
05032023001	PH 3	150	112	8,0	6"

<sup>1)</sup> without Lasertip

## 3334 Screwdriver for slotted screws, stainless



**Application:** Slotted screws

**Blade:** Round

**Design:** Lasertip, stainless steel for minimising rust,

**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	mm	-	-
05032005001	1,2	6,5	6,0	150	105	1/4"	6"
05032006001	1,2	8,0	7,0	175	112	5/16"	7"
05032007001	1,6	10,0	9,0	200	112	3/8"	8"

## 3355 PZ Screwdriver for Pozidriv screws, stainless



**Application:** Suitable for Pozidriv screws

**Blade:** Round

**Design:** Stainless steel for minimising rust, Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

	-	mm	mm	mm	-
05032030001 <sup>1)</sup>	PZ 0	60	81	3,0	2 3/8"
05032031001	PZ 1	80	98	4,5	3 1/8"
05032032001	PZ 2	100	105	6,0	4"
05032033001	PZ 3	150	112	8,0	6"

<sup>1)</sup> without Lasertip



### 3367 Screwdriver for TORX® screws, stainless








**Application:** TORX® socket screws

**Blade:** Round

**Design:** Stainless steel for minimising rust

**Handle:** Kraftform with non-roll feature, multi-component

		 mm	 mm	 mm	 mm
05032050001	TX 8	60	81	3,5	2 <sup>3</sup> / <sub>8</sub> "
05032051001	TX 9	60	81	4,0	2 <sup>3</sup> / <sub>8</sub> "
05032052001	TX 10	80	81	4,0	3 <sup>1</sup> / <sub>8</sub> "
05032053001	TX 15	80	98	4,0	3 <sup>1</sup> / <sub>8</sub> "
05032054001	TX 20	100	98	4,5	4"
05032055001	TX 25	100	105	5,0	4"
05032056001	TX 27	115	105	5,5	4 <sup>9</sup> / <sub>16</sub> "
05032057001	TX 30	115	105	6,0	4 <sup>9</sup> / <sub>16</sub> "
05032058001	TX 40	130	112	7,0	5 <sup>3</sup> / <sub>16</sub> "

### 3368 Screwdriver for square socket screws, stainless








**Application:** Square socket screws

**Blade:** Round

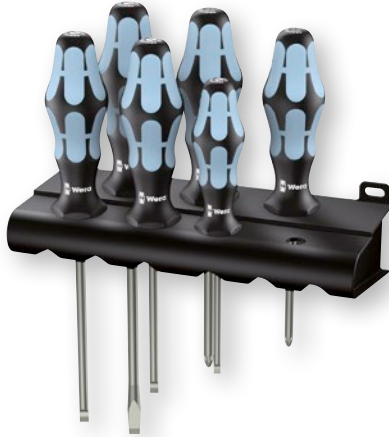
**Design:** Stainless steel for minimising rust

**Handle:** Kraftform with non-roll feature, multi-component

		 mm	 mm	 mm	 mm
05032070002	# 1	80	98	4,5	3 <sup>1</sup> / <sub>8</sub> "
05032071002	# 2	100	105	6,0	4"

# Series Kraftform Screwdrivers Stainless Steel

## 3334/6 Screwdriver set, stainless and rack



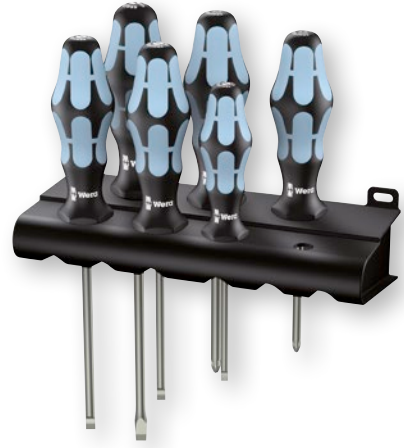
**Application:** Slotted and Phillips screws

**Content:** 6-piece set and rack in display carton

05032060001	
+	3350 PH 1 x PH 1x80; 1 x PH 2x100
•	3335 1 x 0,5x3,0x80 <sup>1)</sup> ; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
•	3334 1 x 1,2x6,5x150

<sup>1)</sup> without Lasertip

## 3334/3355/6 Screwdriver set, stainless and rack



**Application:** Slotted and Pozidriv screws

**Content:** 6-piece set and rack in display carton

05032061001	
+	3355 PZ 1 x PZ 1x80; 1 x PZ 2x100
•	3335 1 x 0,5x3,0x80 <sup>1)</sup> ; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
•	3334 1 x 1,2x6,5x150

<sup>1)</sup> without Lasertip



### 3334/3350/3355/6 Screwdriver set, stainless and rack



**Application:** Slotted, Phillips and Pozidriv screws

**Content:** 6-piece set and rack in display carton

05032063001		
	3350 PH	1 x PH 1x80; 1 x PH 2x100
	3355 PZ	1 x PZ 1x80; 1 x PZ 2x100
	3335	1 x 0,5x3,0x80 <sup>1)</sup>
	3334	1 x 1,2x6,5x150

<sup>1)</sup> without Lasertip



# Series 900 – the Chiseldriver

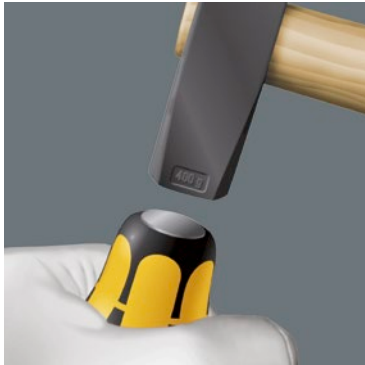
Screwdrivers are often misused as chisels. This can be dangerous.

The chiseldriver is the solution when not only screwdriving is required. For fastening, chiselling and loosening seized screws.

Wera chiseldriver: the screwdriver whenever the going gets tough!



An integrated impact cap lengthens the service life and reduces the danger of splintering. Nevertheless, always wear protective goggles.



Greater torque can be transferred by fitting an open-jaw or ring spanner over the integrated hex bolster.



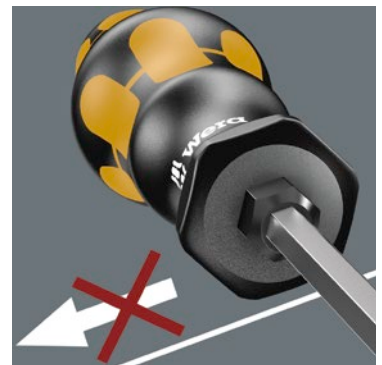
The hard materials used for the handle ensure rapid hand repositioning without any danger of the skin “sticking” to the handle. The softer “anti-slip” zones provide increased grip, enabling the low-loss transfer of high forces.



A hexagon blade made out of high-quality bit material extends right through the handle – thereby ensuring full transfer of force, even when struck with a hammer. The ductile tempered material prevents the blade from splintering or breaking.



The outstanding design of the Kraftform handle that fits perfectly into the hand. Prevents hand injuries such as blisters and calluses. Wera Kraftform: a synonym for “graspable” ergonomics!



The hexagonal non-roll feature prevents any annoying rolling away at the workplace.



# Kraftform Plus – Series 900

## The chiseldriver for fastening and chiselling

### 932 A Screwdriver for slotted screws



- Application:** Slotted screws
- Blade:** Hexagonal throughout with impact cap, hexagonal bolster from 0.8 x 4.5
- Design:** Chrome-plated, Black Point
- Handle:** Kraftform with non-roll feature, multi-component, sizes 2.0 x 12.0, 2.5 x 14.0: Kraftform with non-roll feature, single-component

	mm	mm	mm	mm	mm	mm	mm
05018260001 <sup>1)</sup>	0,6	3,5	4		80	81	9/64" 3 1/8"
05018262001	0,8	4,5	5	8	90	98	0,178" 3 1/2"
05018264001	1,0	5,5	6	10	100	105	7/32" 4"
05018266001	1,2	7,0	6	10	125	105	9/32" 5"
05018268001	1,6	9,0	8	13	150	112	11/32" 6"
05018270001	1,6	10,0	8	13	175	112	3/8" 7"
05018272001	2,0	12,0	10	16	200	117	1/2" 8"
05018274001	2,5	14,0	10	16	250	117	9/16" 10"

<sup>1)</sup> Blade: Round, no impact cap, no hexagon bolster

### 932 A SB Screwdriver for slotted screws

		4013288
05100085001	1 x 1.0x5.5x100	181596
05100086001	1 x 1.2x7.0x125	181602
05100087001	1 x 1.6x9.0x150	181619



### 917 SPHS Screwdriver for Phillips screws



- Application:** Phillips screws
- Blade:** Hexagonal throughout, impact cap with integrated square socket for insertion of 1/4" blades for higher torque
- Design:** Chrome-plated, Black Point
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	mm	mm
05017040001	PH 1	5	8	90	98	3 35/64"
05017041001	PH 2	6	10	113	105	4 29/64"

### 932 AS Screwdriver for slotted screws



- Application:** Slotted screws
- Blade:** Hexagonal throughout, impact cap with integrated square socket for insertion of 1/4" blades for higher torque, hexagonal bolster
- Design:** Chrome-plated, Black Point
- Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	mm	mm	mm
05018300001	0,8	4,5	5	8	100	98	0,178" 4 3/64"
05018301001	1,0	5,5	6	10	113	105	7/32" 4 1/16"
05018302001	1,2	7,0	6	10	138	105	9/32" 5 7/16"

### 917 SPH Screwdriver for Phillips screws



- Application:** Phillips screws
- Blade:** Hexagonal throughout with impact cap, hexagonal bolster for sizes 1 - 4
- Design:** Chrome-plated, Black Point
- Handle:** Kraftform with non-roll feature, multi-component, size 4/200: Kraftform with non-roll feature, single-component

		mm	mm	mm	mm	mm
05017005001	PH 1	5	8	80	98	3 1/8"
05017010001	PH 2	6	10	100	105	4"
05017015001	PH 3	8	13	150	112	6"
05017020001	PH 4	10	16	200	117	8"

### 917 SPH SB Screwdriver for Phillips screws

		4013288
05100075001	1 x PH 1x80	181565
05100076001	1 x PH 2x100	181572
05100077001	1 x PH 3x150	181589





## 918 SPZ Screwdriver for Pozidriv screws



- Application:** Suitable for Pozidriv screws
- Blade:** Hexagonal throughout with impact cap, hexagonal bolster for sizes 1 - 4
- Design:** Chrome-plated, Black Point
- Handle:** Kraftform with non-roll feature, multi-component, size 4/200:  
Kraftform with non-roll feature, single-component

		mm	mm	mm	mm	
05017050001	PZ 1	5	8	80	98	3 1/8"
05017052001	PZ 2	6	10	100	105	4"
05017054001	PZ 3	8	13	150	112	6"
05017056001	PZ 4	10	16	200	117	8"

## 918 SPZ SB Screwdriver for Pozidriv screws

			4013288
05100080001		1 x PZ 1x80	181633
05100081001		1 x PZ 2x100	181640
05100082001		1 x PZ 3x150	181657



## 977 Screwdriver for TORX® screws



- Application:** TORX® socket screws
- Blade:** Hexagonal throughout with impact cap, hexagonal bolster
- Design:** Chrome-plated, Black Point
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	mm	
05024400001	TX 15	5	8	80	98	3 1/8"
05024401001	TX 20	5	8	90	98	3 1/2"
05024402001	TX 25	6	10	100	105	4"
05024403001	TX 27	6	10	125	105	5"
05024404001	TX 30	8	13	150	112	6"
05024405001	TX 40	8	13	150	112	6"

## Tip



### Why is the Kraftform Plus handle made from several components?



Wera makes its Kraftform handles from several materials with different properties. The core is made from a hardwearing plastic that holds the blade securely even when subjected to great forces. The yellow soft zones of the external mantle consist of a softer material with more friction resistance for high torque transfer. The black areas with a harder surface prevent the hand from sticking to the handle enabling you to adjust your grip more quickly.

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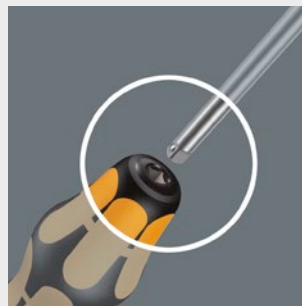
### Wera Black Point tip



The Wera Black Point tip and a refined hardening process ensure long service life of the tip, improved corrosion protection and an exact fit.



### Impact cap with integrated square socket



Even higher torque can be transferred by connecting the square drive version to a T-handle or Zyklop ratchet.

# Kraftform Plus – Series 900

## The chiseldriver for fastening and chiselling

### Big Pack 900 Screwdriver set Kraftform Wera: Chiseldriver and rack



**Application:** Slotted, Phillips, Pozidriv and TORX® socket screws

**Content:** 13-piece set

05133285001	
+	917 SPH 1 x PH 1x80; 1 x PH 2x100; 1 x PH 3x150
+	918 SPZ 1 x PZ 1x80; 1 x PZ 2x100; 1 x PZ 3x150
—	932 A 1 x 0,6x3,5x80 <sup>1)</sup> ; 1 x 0,8x4,5x90; 1 x 1,0x5,5x100; 1 x 1,2x7,0x125; 1 x 1,6x9,0x150
☆	977 TORX® 1 x TX 20x90; 1 x TX 25x100
	Rack 2 x 190,0x50,0

<sup>1)</sup> Blade: Round, no impact cap, no hexagon bolster

### 932 S/6 Screwdriver set Kraftform Wera: Chiseldriver and rack



**Application:** Slotted and Phillips screws, impact cap with integrated square socket for insertion of 1/4" blades for higher torque

**Content:** 6-piece set and rack in display carton

05018283001	
+	917 SPHS 1 x PH 1x90; 1 x PH 2x113
—	932 A 1 x 0,6x3,5x80 <sup>1)</sup>
—	932 AS 1 x 0,8x4,5x100; 1 x 1,0x5,5x103; 1 x 1,2x7,0x138

<sup>1)</sup> Blade: Round, no impact cap, no hexagon bolster

### 932/6 Screwdriver set Kraftform Wera: Chiseldriver and rack



**Application:** Slotted and Phillips screws

**Content:** 6-piece set and rack in display carton

05018282001	
+	917 SPH 1 x PH 1x80; 1 x PH 2x100
—	932 A 1 x 0,6x3,5x80 <sup>1)</sup> ; 1 x 0,8x4,5x90; 1 x 1,0x5,5x100; 1 x 1,2x7,0x125

<sup>1)</sup> Blade: Round, no impact cap, no hexagon bolster



**932/918/6 Screwdriver set Kraftform Wera:  
Chiseldriver and rack**



**Application:** Slotted and Pozidriv screws  
**Content:** 6-piece set and rack in display carton

05018287001	
+	918 SPZ 1 x PZ 1x80; 1 x PZ 2x100
-	932 A 1 x 0,6x3,5x80 <sup>1)</sup> ; 1 x 0,8x4,5x90; 1 x 1,0x5,5x100; 1 x 1,2x7,0x125

<sup>1)</sup> Blade: Round, no impact cap, no hexagon bolster

**977/6 TORX® Screwdriver set Kraftform Wera:  
Chiseldriver and rack**



**Application:** TORX®  
**Content:** 6-piece set and rack in display carton

05024410001	
+	977 TORX® 1 x TX 15x80; 1 x TX 20x90; 1 x TX 25x100; 1 x TX 27x125; 1 x TX 30x150; 1 x TX 40x150



# Kraftform Screwdrivers

## Series 300

Kraftform Plus screwdrivers – ergonomics you can grasp. They relieve the entire hand-arm system even when used intensively.

Along with other technical and product advantages such as the Lasertip for a secure fit in the screw head, Kraftform screwdrivers are the ideal choice whenever manual screwdriving jobs are concerned.

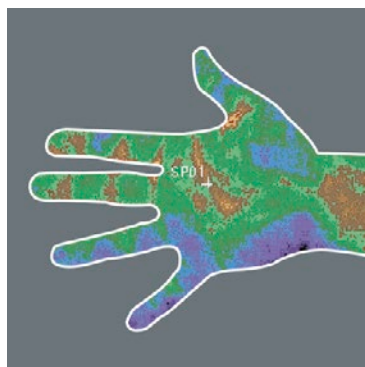


The outstanding design of the Kraftform handle that fits perfectly into the hand prevents hand injuries such as blisters and calluses.

The hard materials used for the handle ensure rapid hand repositioning without any danger of the skin “sticking” to the handle. The surrounding hard zones with large diameters glide like wheels across the hand.



The basic idea for the prototype of the Kraftform handle – that the hand should dictate the design – has, right through to today, proved to be correct. In cooperation with the internationally recognised Fraunhofer IAO Institute, Wera developed a screwdriver handle designed to match the shape of the human hand as long ago as the 1960s. After a long development phase, the Wera Kraftform handle was launched to the market in 1968. It has been optimised through the years with new technologies, but has kept its proven shape. After all, the human hand has not changed either.



The large contact area – with particularly high friction to the soft zones – results in high torque transfer without any bruising from the edges.



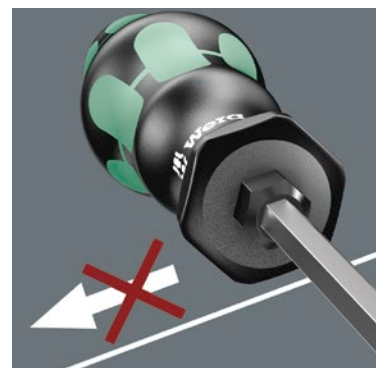
A precisely-focused laser creates a sharp-edged surface structure. This laser treatment results in an edge hardness of up to 1000 HV 0.3. Wera Lasertip “bites” itself into the screw head and prevents any slips out of the recess. It is available for screwdrivers for slotted, Phillips and Pozidriv screws.



Wera Lasertip reduces the contact pressure required and enhances force transfer – meaning less screwdriving effort is required. Screwdriving becomes safer and easier.



The screw symbol and tip size identification markings on the handle make it easier to find the right screwdriver in the tool case or at the workplace.



The hexagonal non-roll feature prevents any rolling away at the workplace.

# Kraftform Plus – Series 300

The right tool for every application

## 335 Screwdriver for slotted screws



**Application:** Slotted screws  
**Blade:** Round  
**Design:** Chrome-plated, Lasertip  
**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	mm	mm	mm	mm
05008006001 <sup>1)</sup>	0,4	2,0	60	70	2,5	5/64"	2 3/8"	
05110000001 <sup>1)</sup>	0,4	2,5	60	70	2,5	3/32"	2 3/8"	
05008007001 <sup>1)</sup>	0,4	2,5	75	70	2,5	3/32"	3"	
05008008001 <sup>1)</sup>	0,5	3,0	150	81	4,0	1/8"	6"	
05008009001 <sup>1)</sup>	0,5	3,0	200	81	4,0	1/8"	8"	
05110001001 <sup>1)</sup>	0,5	3,0	80	81	3,0	1/8"	3 1/8"	
05008015001	0,6	3,5	100	81	3,5	9/64"	4"	
05110002001	0,6	3,5	125	81	3,5	9/64"	5"	
05110003001	0,6	3,5	200	81	3,5	9/64"	8"	
05110004001	0,8	4,0	100	98	4,0	5/32"	4"	
05110005001	0,8	4,0	150	98	4,0	5/32"	6"	
05110006001	0,8	4,0	200	98	4,0	5/32"	8"	
05008027001 <sup>1)</sup>	0,8	4,0	300	98	4,0	5/32"	12"	
05110007001	1,0	5,5	125	98	5,5	7/32"	5"	
05008055001	1,0	5,5	150	98	5,5	7/32"	6"	
05110008001	1,0	5,5	200	98	5,5	7/32"	8"	
05008060001 <sup>1)</sup>	1,0	5,5	300	98	5,5	7/32"	12"	
05008061001	1,2	6,0	100	105	6,0	5/16"	4"	

<sup>1)</sup> without Lasertip

## 335 SB Slotted screwdriver

		4013288
05100042001	● 1 x 0.6x3.5x100	181275
05100043001	● 1 x 0.8x4.0x100	181251
05100044001	● 1 x 1.0x5.5x125	181244



## 334 SK Screwdriver for slotted screws



**Application:** Slotted screws  
**Blade:** Hexagonal with bolster from 0.8 x 4.5  
**Design:** Chrome-plated, Lasertip  
**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	mm	mm	mm	mm
05007670001	0,6	3,5	4	-	75	81	9/64"	3"
05007671001	0,8	4,0	4	-	90	81	5/32"	3 1/2"
05007672001	0,8	4,5	5	8	90	98	0,178"	3 1/2"
05007673001	1,0	5,5	6	10	100	98	7/32"	4"
05007674001	1,2	6,5	6	10	125	105	1/4"	5"
05007675001	1,2	7,0	6	10	125	105	9/32"	5"
05007676001	1,6	9,0	8	13	150	112	11/32"	6"
05007677001	1,6	10,0	8	13	175	112	3/8"	7"

## 334 Screwdriver for slotted screws





**Application:** Slotted screws  
**Blade:** Round  
**Design:** Chrome-plated, Lasertip  
**Handle:** Kraftform with non-roll feature, multi-component, sizes 2.0 x 12.0, 2.5 x 14.0: Kraftform with non-roll feature, single-component

	mm	mm	mm	mm	mm	mm	mm	mm
05007610001	0,8	5,0	100	98	5,0	3/16"	4"	
05007620001	1,0	6,0	125	105	6,0	1/4"	5"	
05340330001	1,0	6,0	150	105	6,0	1/4"	6"	
05110010001	1,2	6,5	150	105	6,0	1/4"	6"	
05007635001	1,2	7,0	150	105	7,0	9/32"	6"	
05007621001	1,2	6,5	200	105	7,0	9/32"	8"	
05110011001	1,2	8,0	175	112	7,0	5/16"	7"	
05007640001	1,6	8,0	175	112	7,0	5/16"	7"	
05110104001	1,6	10,0	200	112	9,0	3/8"	8"	
05110105001 <sup>1)</sup>	2,0	12,0	250	117	10,0	1/2"	10"	

<sup>1)</sup> without Lasertip



### 334 SB Screwdriver for slotted screws








		
		4013288
05100030001	1 x 1.2x6.5x150	181411
05100031001	1 x 1.2x8.0x175	181220



### 378 B Screwdriver for slotted screws



**Application:** Slotted screws  
**Blade:** Square as bolster  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform with non-roll feature, multi-component, sizes 2.0 x 12.0 x 250, 2.5 x 14.0 x 225; Kraftform with non-roll feature, single-component

							
	mm	mm	mm	mm	mm	"	"
05110050001	0,8	4,0	4	75	98	5/32"	3"
05110051001	1,0	5,5	5	100	98	7/32"	4"
05110052001	1,2	6,5	6	125	105	1/4"	5"
05110053001	1,6	8,0	8	150	112	5/16"	6"
05007355001	1,6	10,0	8	60	112	3/8"	2 3/8"
05110054001	1,6	10,0	8	175	112	3/8"	7"
05110150001	1,6	10,0	8	200	112	3/8"	8"
05110055001	2,0	12,0	10	200	112	1/2"	8"
05110151001	2,0	12,0	10	250	112	1/2"	10"

## Tip



### How to prevent the screwdriver from slipping out of the screw head?



It happens time and time again that the tip slips out of the screw head when screwdriving, sometimes damaging valuable surfaces or even causing injury. The tips of the Wera Lasertip screwdrivers are microscopically roughened by means of a laser. This rough surface literally "bites" itself firmly into the screw head. Slipping out becomes a thing of the past.



### Why is the Kraftform Plus handle made out of several components?

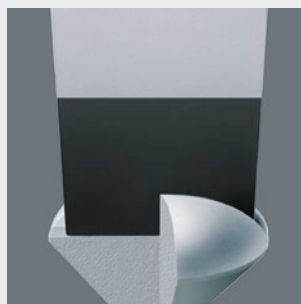


Wera produces the Kraftform handle out of several materials with different properties. A resistant plastic is used for the core which ensures that the blade is held securely, even under high strain. A softer material is used for the coloured soft zones, which has a high frictional resistance and allows the transfer of high forces – thus requiring less screwdriving effort. The black sections with their hard surfaces prevent any "sticking" of the hand to the handle, making rapid repositioning of the hand possible.

transfer of high forces – thus requiring less screwdriving effort. The black sections with their hard surfaces prevent any "sticking" of the hand to the handle, making rapid repositioning of the hand possible.



### Wera Black Point tip



The Wera Black Point tip and a refined hardening process ensure long service life of the tip, improved corrosion protection and an exact fit.

# Kraftform Plus – Series 300

The right tool for every application

## 350 SK PH Screwdriver for Phillips screws



**Application:** Phillips screws

**Blade:** Hexagonal, sizes 1 - 3 with bolster

**Design:** Chrome-plated, Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

	+	mm	mm	mm	mm	mm
05008750001 <sup>1)</sup>	PH 0	4		60	81	2 3/8"
05008751001	PH 1	5	8	80	98	3 1/8"
05008752001	PH 2	6	10	100	105	4"
05008753001	PH 3	8	13	150	112	6"

<sup>1)</sup> without Lasertip

## 350 PH Screwdriver for Phillips screws



**Application:** Phillips screws

**Blade:** Round

**Design:** Chrome-plated, Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

	+	mm	mm	mm	mm
05008705001 <sup>1)</sup>	PH 0	60	81	3,0	2 3/8"
05008706001 <sup>1)</sup>	PH 0	100	81	3,0	4"
05008710001	PH 1	80	98	4,5	3 1/8"
05008712001	PH 1	200	98	4,5	8"
05008715001 <sup>1)</sup>	PH 1	300	98	4,5	12"
05008720001	PH 2	100	105	6,0	4"
05008723001	PH 2	150	105	6,0	6"
05008725001	PH 2	200	105	6,0	8"
05008730001 <sup>1)</sup>	PH 2	300	105	6,0	12"
05008735001	PH 3	150	112	8,0	6"
05008740001 <sup>1)</sup>	PH 4	200	112	10,0	8"

<sup>1)</sup> without Lasertip

## 350 PH SB Screwdriver for Phillips screws

		4013288
05100050001	1 x PH 0x60 <sup>1)</sup>	181329
05100051001	1 x PH 1x80	181336
05100052001	1 x PH 2x100	181343

<sup>1)</sup> without Lasertip





### 355 SK PZ Screwdriver for Pozidriv screws



**Application:** Suitable for Pozidriv screws  
**Blade:** Hexagonal, sizes 1 - 3 with bolster  
**Design:** Chrome-plated, Lasertip  
**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	mm	mm
05009340001 <sup>1)</sup>	PZ 0	4		60	81	2 3/8"
05009341001	PZ 1	5	8	80	98	3 1/8"
05009342001	PZ 2	6	10	100	105	4"
05009343001	PZ 3	8	13	150	112	6"

<sup>1)</sup> without Lasertip

### 355 PZ Screwdriver for Pozidriv screws



**Application:** Suitable for Pozidriv screws  
**Blade:** Round  
**Design:** Chrome-plated, Lasertip  
**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	mm
05009305001 <sup>1)</sup>	PZ 0	60	81	3,0	2 3/8"
05009310001	PZ 1	80	98	4,5	3 1/8"
05009312001	PZ 1	200	98	4,5	8"
05009313001 <sup>1)</sup>	PZ 1	300	98	4,5	12"
05009315001	PZ 2	100	105	6,0	4"
05009317001	PZ 2	200	105	6,0	8"
05347743001	PZ 2	250	105	6,0	10"
05009319001 <sup>1)</sup>	PZ 2	300	105	6,0	12"
05009320001	PZ 3	150	112	8,0	6"
05009325001 <sup>1)</sup>	PZ 4	200	112	10,0	8"

<sup>1)</sup> without Lasertip

### 355 PZ SB Screwdriver for Pozidriv screws

		4013288
05100055001	1 x PZ 0x60 <sup>1)</sup>	181282
05100056001	1 x PZ 1x80	181299
05100057001	1 x PZ 2x100	181305



# Kraftform Plus – Series 300

The right tool for every application

## 354 Screwdriver for hexagon socket screws



**Application:** Hexagon socket screws  
**Blade:** Round  
**Design:** Hex-Plus, chrome-plated  
**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	"
05023105001	2,0	75	70	3,0	3"
05023107001	2,5	75	81	3,0	3"
05023110001	3,0	75	81	4,0	3"
05023115001	4,0	75	98	5,0	3"
05023120001	5,0	80	105	6,0	3 1/8"
05023125001	6,0	80	105	7,0	3 1/8"
05023130001	8,0	100	112	10,0	4"

## 352 Ball end screwdriver for hexagon socket screws



**Application:** Hexagon socket screws  
**Blade:** Hexagonal  
**Design:** Ball end hexagon, chrome-plated, Black Point  
**Handle:** Kraftform with non-roll feature, multi-component, sizes W/F 12.0, W/F 1/2": Kraftform with non-roll feature, single-component

	mm	mm	mm	mm	"
05022795001	1,5		60	70	2 3/8"
05022800001	2,0		100	70	4"
05138070001	2,5		100	81	4"
05022805001	3,0		100	81	4"
05022810001	4,0		100	98	4"
05022815001	5,0		100	105	4"
05022820001	6,0		125	105	5"
05022825001	8,0		150	112	6"
05022830001	10,0		150	112	6"
05022835001	12,0		150	117	6"
05022905001		5/32"	100	98	4"
05022910001		3/16"	100	105	4"
05022915001		7/32"	100	105	4"
05022920001		1/4"	125	105	5"
05022925001		5/16"	150	112	6"
05022930001		3/8"	150	112	6"
05022935001		1/2"	150	117	6"

## 367 TORX® HF Screwdriver with holding function for TORX® screws



**Application:** TORX® socket screws  
**Blade:** Round  
**Design:** Holding function for TORX® screws made according to Acument Intellectual Properties specifications, chrome-plated  
**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	"
05028048001	TX 8	60	81	3,5	2 3/8"
05028049001	TX 9	60	81	4,0	2 3/8"
05028050001	TX 10	80	81	4,0	3 1/8"
05028051001	TX 15	80	98	4,0	3 1/8"
05028052001	TX 20	100	98	4,5	4"
05028070001	TX 20	300	98	4,5	12"
05028053001	TX 25	100	105	5,0	4"
05028071001	TX 25	300	105	6,0	12"
05028054001	TX 27	115	105	5,5	4 9/16"
05028072001	TX 27	300	105	6,0	12"
05028055001	TX 30	115	105	6,0	4 9/16"
05028073001	TX 30	300	105	6,0	12"
05028056001	TX 40	130	112	7,0	5 3/16"



### 367 Screwdriver for TORX® screws



**Application:** TORX® socket screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraffform with non-roll feature, multi-component

		mm	mm	mm	
05028000001	TX 5	60	70	3,5	2 3/8"
05028001001	TX 6	60	70	3,5	2 3/8"
05028002001	TX 7	60	70	3,5	2 3/8"
05028003001	TX 8	60	81	3,5	2 3/8"
05028004001	TX 9	60	81	4,0	2 3/8"
05028005001	TX 10	80	81	4,0	3 1/8"
05028008001	TX 15	80	98	4,0	3 1/8"
05028010001	TX 20	100	98	4,5	4"
05028012001	TX 25	100	105	5,0	4"
05028013001	TX 27	115	105	5,5	4 9/16"
05028015001	TX 30	115	105	6,0	4 9/16"
05028020001	TX 40	130	112	7,0	5 1/8"
05028025001	TX 45	130	112	8,0	5 1/8"

### 367 SB Screwdriver for TORX® screws

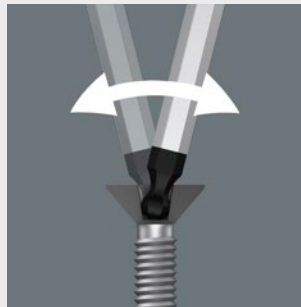
		4013288
05100060001	1 x TX 10x80	181350
05100061001	1 x TX 15x80	181367
05100062001	1 x TX 20x100	181374
05100063001	1 x TX 25x100	181381
05100064001	1 x TX 30x115	181398



## Tip



### TORX® and hexagon ball tip



The spherical drive profile means that it is possible to swivel the axis of the tool to that of the screw, and therefore enable angled, "around-the-corner" screwdriving jobs. This ball tip geometry – often found on L-keys – is now available on a number of Wera bits.



### What is the purpose of the HF profile?

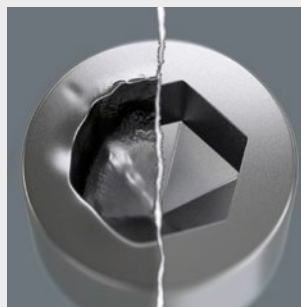


In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are the consequence. The HF

tools developed by Wera are ideal because they feature an optimised geometry of the original TORX® profile. The wedging forces resulting from the surface pressure between the drive tip and the screw profile mean that the screw is securely held on the tool!



### How to prevent rounded screw heads?



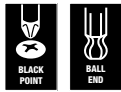
Hexagon socket screws are a problem, because the contact surfaces that transfer the force of the tool to the screw are very narrow. The consequence: the head of the screw can be damaged, usually rounding out the recess. Hex-Plus tools have larger contact surfaces to prevent this, driving from the flats of the recess, rather than the corners.

Good to know: Hex-Plus tools fit into every standard hexagon socket screw!

# Kraftform Plus – Series 300

The right tool for every application

## 367 K Ball end screwdriver for TORX® screws



**Application:** TORX® socket screws

**Blade:** Round

**Design:** Ball end, chrome-plated, Black Point

**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	"
05027950001	TX 15	80	98	4,0	3 1/8"
05027952001	TX 20	100	98	4,5	4"
05027954001	TX 25	100	105	5,0	4"
05027956001	TX 27	115	105	5,5	4 9/16"
05027958001	TX 30	115	105	6,0	4 9/16"

## 367 TORX® BO Screwdriver for tamper-proof TORX® screws



**Application:** TORX® screws with safety pin

(BO = with bore hole)

**Blade:** Round

**Design:** Bore hole in TORX® section, chrome-plated, Black Point

**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	"
05138257001	TX 7	60	70	3,5	2 3/8"
05138258001	TX 8	60	81	3,5	2 3/8"
05138259001	TX 9	60	81	4,0	2 3/8"
05138260001	TX 10	80	81	4,0	3 1/8"
05138268001	TX 10	300	81	4,0	12"
05138261001	TX 15	80	98	4,0	3 1/8"
05138269001	TX 15	300	98	4,0	12"
05138262001	TX 20	100	98	4,5	4"
05138270001	TX 20	300	98	4,5	12"
05138263001	TX 25	100	105	5,0	4"
05138264001	TX 27	115	105	5,5	4 9/16"
05138265001	TX 30	115	105	6,0	4 9/16"
05138266001	TX 40	130	112	7,0	5 3/16"

## 367 TORX PLUS® Screwdriver for TORX PLUS® screws



**Application:** TORX PLUS® socket screws

**Blade:** Round

**Design:** Chrome-plated, Black Point

**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	"
05028029001	5 IP	60	70	3,5	2 3/8"
05028030001	6 IP	60	70	3,5	2 3/8"
05028031001	7 IP	60	70	3,5	2 3/8"
05028032001	8 IP	60	70	3,5	2 3/8"
05028033001	9 IP	60	81	4,0	2 3/8"
05028034001	10 IP	80	81	4,0	3 1/8"
05028035001	15 IP	80	98	4,0	3 1/8"
05028036001	20 IP	100	98	4,5	4"
05028037001	25 IP	100	105	5,0	4"
05028038001	30 IP	115	105	6,0	4 9/16"

## 371 TORQ-SET® Mplus screwdriver for TORQ-SET® screws



**Application:** TORQ-SET® screws

**Blade:** Round

**Design:** Mplus for higher breaking torque and longer service life, chrome-plated

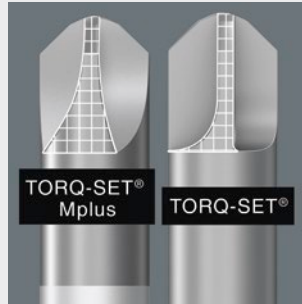
**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	"
05028130001	6	80	98	4,5	3 1/8"
05028132001	8	100	105	6,0	4"
05028134001	10	100	105	6,0	4"
05028136001	1/4"	125	112	8,0	5"



# Tip

## How can I prevent frequent breakages of TORQ-SET® tools?



Wera developed the Mplus profile with stronger flanks compared with tools with a conventional TORQ-SET® profile. This results in approximately 70 % extra torsional strength and greatly extends the service life of Wera Mplus tools.

### 368 Screwdriver for square socket head screws



- Application:** Square socket screws
- Blade:** Round
- Design:** Chrome-plated, Black Point except for sizes 01+02
- Handle:** Kraffform with non-roll feature, multi-component, # 2/300, # 01/25, # 02/25: single-component

		mm	mm	mm	
05117680001		# 00	60	81	3,5 2 3/8"
05117681001		# 0	60	81	4,0 2 3/8"
05117682001		# 1	80	98	4,5 3 1/8"
05117683001		# 1	200	98	4,5 8"
05117684001		# 2	100	105	6,0 4"
05117685001		# 2	200	105	6,0 8"
05117691001		# 2	300	105	6,0 12"
05117686001		# 3	150	112	8,0 6"
05117687001		# 4	200	112	8,0 8"
05117688001		# 01	25	54	4,5 1"
05117689001		# 02	25	54	6,0 1"

### 368 SB Screwdriver for square socket head screws

		4013288
05100070001	1 x # 1x80	181404
05100071001	1 x # 2x100	181428
05100072001	1 x # 3x150	181435



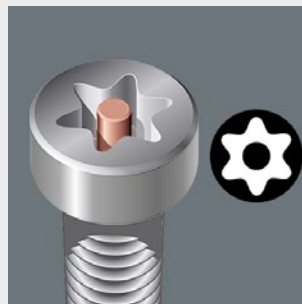
### TORX PLUS®



Compared with the "normal" TORX® profile, the elliptical instead of circular profile enlarges the 6 flanks that transfer torque between the tool and the screw. This means that the force applied when screwdriving is spread across a larger surface area. Higher torque is transferred and, in addition, the service life of the screw and tool are lengthened. The so-called centre-lock screws on cutting tools represent a typical use of this type of screw profile. The thermal influences on such holders for carbide insert tips often "bake" the retaining screws so firmly that it is important to have

a profile that considerably enhances the loosening torque capability of the screws. For this reason a torque-stable screw profile is necessary to avoid any possible damage to the screw and to exclude the possibility of an otherwise costly machine downtime.

### TORX® with borehole (BO)



TORX® tools with a borehole prevent the unauthorised unfastening of safety screws. The screws contain a pin that protrudes into the drive profile so that "normal" TORX® tools cannot be used. This pin fits into the borehole of TORX® BO tools allowing safety screws to be unfastened.

# Kraftform Plus – Series 300

The right tool for every application

## 375 TRI-WING® screwdriver for TRI-WING® screws



**Application:** TRI-WING® screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	mm	"
05028116001	0	80	81	3,5	3 1/8"
05028118001	1	80	81	3,5	3 1/8"
05028120001	2	80	98	4,5	3 1/8"
05028122001	3	80	98	4,5	3 1/8"
05028124001	4	100	98	6,0	4"
05028126001	5	100	98	6,0	4"

## 395 Nutdriver



**Application:** Hexagon headed bolts, screws and nuts  
**Blade:** Round  
**Design:** Chrome-plated, nutdriver for hexagon head bolts  
**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm	"
05028205001	3,0	125	98	5,0	5"
05028210001	3,5	125	98	6,1	5"
05028215001	4,0	125	98	6,9	5"
05028220001	4,5	125	98	7,1	5"
05028225001	5,0	125	98	8,1	5"
05028230001	5,5	125	98	8,1	5"
05029405001	6,0	125	98	9,1	5"
05029410001	7,0	125	105	11,0	5"
05029415001	8,0	125	105	12,1	5"
05029420001	9,0	125	105	13,1	5"
05029425001	10,0	125	112	14,1	5"
05029430001	11,0	125	112	16,0	5"
05029435001	12,0	125	112	17,1	5"
05029440001	13,0	125	112	18,1	5"
05029445001	14,0	125	112	19,1	5"
05029450001	15,0	125	112	21,0	5"

## 391 Hose clamp screwdriver



**Application:** Hexagon headed bolts, screws and nuts  
**Blade:** Round, flexible  
**Design:** Nutdriver for hexagon head bolts  
**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	"
05028148001	6	167	98	6 9/16"
05028150001	7	167	98	6 9/16"
05028152001	8	167	98	6 9/16"

## 395 H0 Nutdriver









**Application:** Hexagon headed bolts, screws and nuts

**Blade:** Round

**Design:** Chrome-plated, hollow shaft for protruding threaded rods

**Handle:** Kraftform with non-roll feature, multi-component

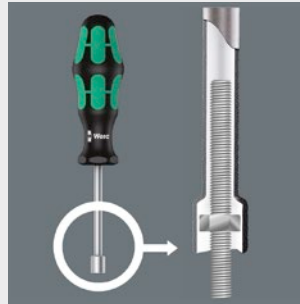
**TIP:** The hollow shaft enables seized screws or those on long threads to be tightened and loosened

						
	mm	mm	mm	mm	mm	mm
05029460001	5,0	90	98	7,2	3 35/64"	3 35/64"
05029461001	5,5	90	98	7,2	3 35/64"	3 35/64"
05029462001	6,0	90	98	7,2	3 35/64"	3 35/64"
05029463001	7,0	90	105	7,2	3 35/64"	3 35/64"
05029464001	8,0	90	105	9,3	3 35/64"	3 35/64"
05029465001	10,0	90	112	9,3	3 35/64"	3 35/64"
05029466001	13,0	90	112	11,0	3 35/64"	3 35/64"
05029501001		3/16"	90	98	7,2	3 35/64"
05029502001		1/4"	90	98	7,2	3 35/64"
05029503001		5/16"	90	105	9,3	3 35/64"
05029504001		11/32"	90	105	9,3	3 35/64"
05029505001		3/8"	90	112	9,3	3 35/64"
05029506001		7/16"	90	112	11,0	3 35/64"
05029507001		1/2"	90	112	11,0	3 35/64"

## Tip



**What is the purpose of a screwdriver with hollow shaft?**



A screwdriver with a hollow shaft is needed whenever there are screwdriving jobs involving threaded rods i.e. the threaded rod through the nut can slip into the hollow shaft of the screwdriver.



**Flexible shaft**



Screwdriving can also be achieved "around the corner" with the screwdriver 391. The flexible shaft allows unfavourably-positioned screw fastenings to be reached. The ideal tool for difficult-to-access screwdriving applications e.g. in the engine compartment of a car.

## The TRI-WING® screwdriving system



The TRI-WING® screwdriving system is mainly found in aviation and household technology (here e.g. on live components). The asymmetric arrangement of the three profile flanks prevents the use of anything other than the original tools. The high-precision Wera profile design ensures a secure fit of the tool in the head of the screw. The blades are manufactured out of bit material. The Wera know-how with regard to the hardening technology ensures a long service life of the tool.

# Kraftform Plus – Series 300

The right tool for every application

## 336 Stubby/Carburettor screwdriver










**Application:** Slotted screws

**Blade:** Round

**Design:** Chrome-plated, Black Point

**Handle:** Kraftform with non-roll feature, single-component

	 mm	 mm	 mm	 mm	 mm	 mm	 mm
05110068001	0,6	3,5	25	54	3,5	$\frac{9}{64}$ "	1"
05110069001	0,8	4,0	25	54	4,0	$\frac{5}{32}$ "	1"
05110070001	1,0	5,5	25	54	5,5	$\frac{7}{32}$ "	1"
05110075001	1,2	6,5	25	54	6,5	$\frac{1}{4}$ "	1"
05110078001	1,2	8,0	25	54	8,0	$\frac{5}{16}$ "	1"

## Stubby/Carburettor screwdriver








**Application:** Phillips screws

**Blade:** Round

**Design:** Chrome-plated, Black Point

**Handle:** Kraftform, with non-roll feature, single-component

		 mm	 mm	 mm	 mm
05008775001	PH 01	25	54	4,5	1"
05008780001	PH 02	25	54	6,0	1"
05008782001	PH 03	25	54	6,0	1"

## Stubby/Carburettor screwdriver








**Application:** Suitable for Pozidriv screws

**Blade:** Round

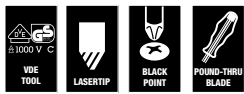
**Design:** Chrome-plated, Black Point

**Handle:** Kraftform with non-roll feature, single-component

		 mm	 mm	 mm	 mm
05009330001	PZ 01	25	54	4,5	1"
05009335001	PZ 02	25	54	6,0	1"
05009337001	PZ 03	25	54	8,0	1"



### Kraftform XXL



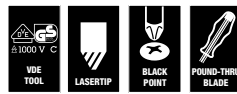
12-piece screwdriver set for all-round applications

05051010001	
+	350 PH 1 x PH 1x80; 1 x PH 2x100
+	355 PZ 1 x PZ 1x80; 1 x PZ 2x100
⊖	932 A 1 x 1,0x5,5x100; 1 x 1,2x7,0x125
⊖	334 1 x 1,2x6,5x150
⊖	335 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
⊖	160 iVDE 1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 0,6x3,5x100
⊖	247 1 x 0,5x3,0x70
	Rack 2 x 190,0x50,0

<sup>1)</sup> without Lasertip

Product not available in the USA and Canada.

### Kraftform XXL 3



11-piece screwdriver set for all-round applications

05347106001	
⊖	160 iVDE 1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 0,6x3,5x100
+	350 PH 1 x PH 1x80; 1 x PH 2x100
⊖	932 A 1 x 1,0x5,5x100; 1 x 1,2x7,0x125
⊖	335 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
⊖	334 1 x 1,2x6,5x150
⊖	368 1 x # 1x80; 1 x # 2x100
	Rack 2 x 190,0x50,0

<sup>1)</sup> without Lasertip

### Kraftform XXL 2



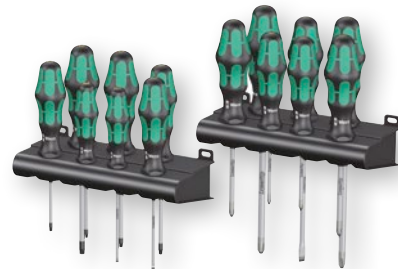
12-piece screwdriver set for all-round applications

05051011001	
+	350 PH 1 x PH 2x100
+	355 PZ 1 x PZ 1x80; 1 x PZ 2x100
⊖	932 A 1 x 1,0x5,5x100; 1 x 1,2x7,0x125
⊖	335 1 x 0,8x4,0x100
+	367 TORX® 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100
⊖	160 iVDE 1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 0,6x3,5x100
⊖	247 1 x 0,5x3,0x70
	Rack 2 x 190,0x50,0

<sup>1)</sup> without Lasertip

Product not available in the USA and Canada.

### Kraftform Big Pack 300



**Application:** Slotted, cross, Phillips-Recess, Pozidriv and TORX® screws

**Content:** 14-piece set in display carton

05105630001	
+	350 PH 1 x PH 1x80; 1 x PH 2x100; 1 x PH 3x150
+	355 PZ 1 x PZ 1x80; 1 x PZ 2x100; 1 x PZ 3x150
+	367 TORX® 1 x TX 10x80; 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100; 1 x TX 30x115
⊖	334 1 x 1,2x6,5x150
⊖	335 1 x 0,6x3,5x100; 1 x 0,8x4,0x100
	Rack 2 x 190,0x50,0

# Kraftform Plus – Series 300

The right tool for every application

## 334 SK/6 Rack screwdriver set Kraftform Plus Lasertip and rack



Lasertip hexagon blades and rack

**Application:** Slotted and Phillips screws

**Content:** 6-piece set and rack in display carton

05007680001	
+	350 SK PH 1 x PH 1x80; 1 x PH 2x100
-	334 SK 1 x 0,6x3,5x75; 1 x 0,8x4,0x90; 1 x 1,0x5,5x100; 1 x 1,2x6,5x125

## 334/355 SK/6 Screwdriver set Kraftform Plus Lasertip and rack



Lasertip hexagonal blades and rack

**Application:** Slotted and Pozidriv screws

**Content:** 6-piece set and rack in display carton

05007681001	
+	355 SK PZ 1 x PZ 1x80; 1 x PZ 2x100
-	334 SK 1 x 0,6x3,5x75; 1 x 0,8x4,0x90; 1 x 1,0x5,5x100; 1 x 1,2x6,5x125

## 334/6 Rack screwdriver set Kraftform Plus Lasertip and rack



Lasertip round blades and rack

**Application:** Slotted and Phillips screws

**Content:** 6-piece set and rack in display carton

05105650001	
+	350 PH 1 x PH 1x80; 1 x PH 2x100
-	334 1 x 1,2x6,5x150
-	335 1 x 0,5x3,0x80 <sup>1)</sup> ; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125

<sup>1)</sup> without Lasertip

## 334/355/6 Rack screwdriver set Kraftform Plus Lasertip and rack



Lasertip round blades and rack

**Application:** Slotted and Pozidriv screws

**Content:** 6-piece set and rack in display carton

05105656001	
+	355 PZ 1 x PZ 1x80; 1 x PZ 2x100
-	334 1 x 1,2x6,5x150
-	335 1 x 0,5x3,0x80 <sup>1)</sup> ; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125

<sup>1)</sup> without Lasertip



### 335/350/355/6 Screwdriver set Kraftform Plus Lasertip and rack



Lasertip blades and rack

**Application:** Slotted, Phillips and Pozidriv screws

**Content:** 6-piece set and rack in display carton

05105622001	
	350 PH 1 x PH 1x80; 1 x PH 2x100
	355 PZ 1 x PZ 1x80; 1 x PZ 2x100
	335 1 x 0,8x4,0x100; 1 x 1,0x5,5x125

### 367/7 TORX® HF Kraftform Plus screwdriver set with holding function and rack



**Application:** TORX®

**Content:** 7-piece set and rack in display carton

05223161001	
	367 TORX® HF 1 x TX 8x60; 1 x TX 10x80; 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100; 1 x TX 27x115; 1 x TX 30x115

### 335/350/367/7 Rack screwdriver set Kraftform Plus Lasertip and rack



Lasertip round blades and rack

**Application:** Slotted, cross, Phillips-Recess, Pozidriv and TORX® screws

**Content:** 7-piece set and rack in display carton

05320540001	
	350 PH 1 x PH 2x100
	355 PZ 1 x PZ 1x80; 1 x PZ 2x100
	335 1 x 0,8x4,0x100
	367 TORX® 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100

### 367/6 TORX® HF Kraftform Plus screwdriver set with holding function and rack



**Application:** TORX®

**Content:** 6-piece set and rack in display carton

05028059001	
	367 TORX® HF 1 x TX 10x80; 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100; 1 x TX 30x115; 1 x TX 40x130

# Kraftform Plus – Series 300

The right tool for every application

## 367/4 TORX® HF Kraftform Plus screwdriver set with holding function and 300 mm-long blades



**Application:** TORX® with holding function, extra long (300 mm) blade

**Content:** 4-piece set

05028074001	
♻️	367 TORX® HF 1 x TX 20x300; 1 x TX 25x300; 1 x TX 27x300; 1 x TX 30x300

## 367/6 TORX® B0 Kraftform Plus screwdriver set and rack



**Application:** TORX® screws with safety pin (B0 = with bore hole)

**Content:** 6-piece set and rack in display carton

05138250001	
♻️	367 TORX® B0 1 x TX 10x80; 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100; 1 x TX 30x115; 1 x TX 40x130

## 367/6 Screwdriver set Kraftform Plus TORX® and rack



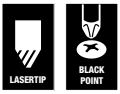
**Application:** TORX®

**Content:** 6-piece set and rack in display carton

05028062001	
♻️	367 TORX® 1 x TX 10x80; 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100; 1 x TX 30x115; 1 x TX 40x130



### 334/368/6 Screwdriver set and rack



**Application:** Slotted, Phillips and square-head screws

**Content:** 6-piece set and rack in display carton

05347778001	
	350 PH 1 x PH 1x80; 1 x PH 2x100
	334 1 x 1,2x6,5x150
	335 1 x 0,8x4,0x100
	368 1 x # 1x80; 1 x # 2x100

### 395 H0/7 SM Nutdriver set



**Application:** Hexagon headed bolts, screws and nuts

**Content:** 7-piece set in display carton

**TIP:** The hollow shaft enables seized screws or those on long threads to be tightened and loosened

05029510001	
	395 H0 1 x 5,0x90; 1 x 5,5x90; 1 x 6,0x90; 1 x 7,0x90; 1 x 8,0x90; 1 x 10,0x90; 1 x 13,0x90



# Kraftform Comfort Screwdrivers

The ergonomic introduction to convenient screwdriving.

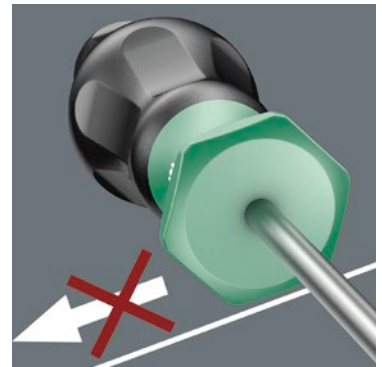
Handle with Kraftform geometry and blade made from power bit material with Black Point tip for precise fit.



The multi-component Kraftform handle for quick and low-exertion working.



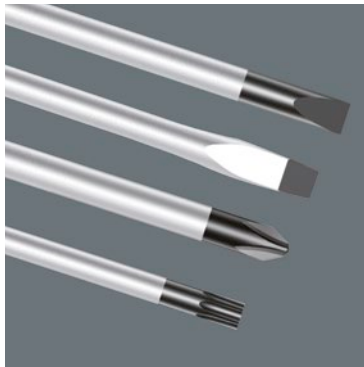
The screw symbol and tip size identification markings on the handle make it easier to find the right screwdriver in the tool case, or at the workplace.



The hexagonal non-roll feature prevents any annoying rolling away.



The Wera Black Point tip and a refined hardening process ensure long service life of the tip, improved corrosion protection and an exact fit.



The bit material used for manufacturing is subjected to a specific Wera hardening process, and this ensures longer product service life.








# Kraftform Comfort

Convenient, safe, good!

## 1335 Screwdriver for slotted screws










**Application:** Slotted screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Comfort with non-roll feature, multi-component

	 mm	 mm	 mm	 mm	 mm	 mm	 mm
05031400001	0,4	2,0	60	81	2,5	$\frac{5}{64}$ "	$2\frac{3}{8}$ "
05031401001	0,4	2,5	75	81	2,5	$\frac{3}{32}$ "	3"
05031402001	0,5	3,0	80	81	3,0	$\frac{1}{8}$ "	$3\frac{1}{8}$ "
05031403001	0,5	3,0	150	81	3,0	$\frac{1}{8}$ "	6"
05031405001	0,6	3,5	100	81	3,5	$\frac{9}{64}$ "	4"
05031406001	0,6	3,5	125	81	3,5	$\frac{9}{64}$ "	5"
05031408001	0,8	4,0	100	98	4,0	$\frac{5}{32}$ "	4"
05031409001	0,8	4,0	150	98	4,0	$\frac{5}{32}$ "	6"
05031411001	0,8	4,0	300	98	4,0	$\frac{5}{32}$ "	12"
05031412001	1,0	5,5	125	98	5,5	$\frac{7}{32}$ "	5"
05031413001	1,0	5,5	150	98	5,5	$\frac{7}{32}$ "	6"
05031416001	1,2	6,0	100	105	6,0	$\frac{15}{64}$ "	4"

## 1334 Screwdriver for slotted screws








**Application:** Slotted screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Comfort with non-roll feature, multi-component

	 mm	 mm	 mm	 mm	 mm	 mm	 mm
05031420001	0,8	5,0	100	98	$\frac{3}{16}$ "	4"	
05031421001	1,0	6,0	125	105	$\frac{15}{64}$ "	5"	
05031422001	1,2	6,5	150	105	$\frac{1}{4}$ "	6"	
05031424001	1,2	7,0	150	105	$\frac{9}{32}$ "	6"	
05031425001	1,2	8,0	175	112	$\frac{5}{16}$ "	7"	
05031426001	1,6	8,0	175	112	$\frac{5}{16}$ "	7"	
05031427001	1,6	10,0	200	112	$\frac{3}{8}$ "	8"	

## 1350 PH Screwdriver for Phillips screws








**Application:** Phillips screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Comfort with non-roll feature, multi-component

		 mm	 mm	 mm	 mm
05031440001	PH 0	60	81	3,0	$2\frac{3}{8}$ "
05031441001	PH 1	80	98	4,5	$3\frac{1}{8}$ "
05031442001	PH 1	200	98	4,5	8"
05031444001	PH 2	100	105	6,0	4"
05031445001	PH 2	200	105	6,0	8"
05031447001	PH 3	150	112	8,0	6"

## 1355 PZ Screwdriver for Pozidriv screws



**Application:** Suitable for Pozidriv screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Comfort with non-roll feature, multi-component

		 mm	 mm	 mm	 mm
05031460001	PZ 0	60	81	3,0	$2\frac{3}{8}$ "
05031461001	PZ 1	80	98	4,5	$3\frac{1}{8}$ "
05031463001	PZ 2	100	105	6,0	4"
05031466001	PZ 3	150	112	8,0	6"



# Tip

## 1367 TORX® screwdriver for TORX® screws



- Application:** TORX® socket screws
- Blade:** Round
- Design:** Chrome-plated, Black Point
- Handle:** Kraffform Comfort with non-roll feature, multi-component



## The Wera Black Point tip



The Wera Black Point tip and a refined hardening process ensure long service life of the tip, improved corrosion protection and an exact fit.

		mm	mm	mm	"
05031500001	TX 5	60	81	3,5	2 3/8 "
05031501001	TX 6	60	81	3,5	2 3/8 "
05031502001	TX 7	60	81	3,5	2 3/8 "
05031503001	TX 8	60	81	3,5	2 3/8 "
05031504001	TX 9	60	81	4,0	2 3/8 "
05031505001	TX 10	80	81	4,0	3 1/8 "
05031506001	TX 15	80	98	4,0	3 1/8 "
05031507001	TX 20	100	98	4,5	4"
05031508001	TX 25	100	105	5,0	4"
05031509001	TX 27	115	105	5,5	4 9/16 "
05031510001	TX 30	115	105	6,0	4 9/16 "
05031511001	TX 40	130	112	7,0	5 3/16 "
05031512001	TX 45	130	112	8,0	5 1/8 "

# Kraftform Comfort

Convenient, safe, good!

## 1334/6 Screwdriver set Kraftform Comfort



**Application:** Slotted and Phillips screws

**Content:** 6-piece set in display carton

05031551001	
+	1350 PH 1 x PH 1x80; 1 x PH 2x100
+	1335 1 x 0,5x3,0x80; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
+	1334 1 x 1,2x6,5x150

## 1335/1350/1355/6 Screwdriver set Kraftform Comfort



**Application:** Slotted, Phillips and Pozidriv screws

**Content:** 6-piece set in display carton

05031553001	
+	1350 PH 1 x PH 1x80; 1 x PH 2x100
+	1355 PZ 1 x PZ 1x80; 1 x PZ 2x100
+	1335 1 x 0,8x4,0x100; 1 x 1,0x5,5x125

## 1334/1355/6 Screwdriver set Kraftform Comfort



**Application:** Slotted and Pozidriv screws

**Content:** 6-piece set in display carton

05031552001	
+	1355 PZ 1 x PZ 1x80; 1 x PZ 2x100
+	1335 1 x 0,5x3,0x80; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
+	1334 1 x 1,2x6,5x150

## 1367/6 TORX® Screwdriver set Kraftform Comfort



**Application:** TORX® screws

**Content:** 6-piece set in display carton

05031554001	
+	1367 TORX® 1 x TX 10x80; 1 x TX 15x80; 1 x TX 20x100; 1 x TX 25x100; 1 x TX 30x115; 1 x TX 40x130



# Screwdrivers with wooden handles

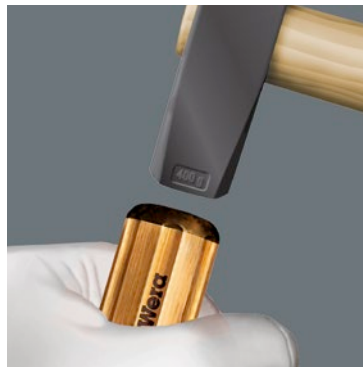
The traditional screwdriver with very specific product benefits.



Higher torque can be transferred by fitting an open-jaw or ring spanner over the hex bolster that is welded to the blade.



A double leather cap combined with the blade that extends right through the handle provide additional safety and reduce the danger of a splintering of the handle when struck with a hammer.



With pound-thru blade out of high quality bit material. As a result, loss-free transfer of power, even in the case of hammer blows. The material prevents any splintering or breakage of the blade.



The Wera Black Point tip and a refined hardening process ensure long service life of the tip, improved corrosion protection and an exact fit.










# Wooden Handle Series

Traditionally good quality!

## 930 A Screwdriver for slotted screws








**Application:** Slotted screws  
**Blade:** Round, hexagon bolster  
**Design:** Chrome-plated, Black Point  
**Handle:** Beech wood with leather cap

	 mm	 mm	 mm	 mm	 mm	 mm	 mm
05018005001	0,6	3,5	8	90	102	$\frac{9}{64}$ "	$3\frac{1}{2}$ "
05018010001	0,8	4,5	8	90	102	$0,178$ "	$3\frac{1}{2}$ "
05018015001	1,0	5,5	8	100	102	$\frac{7}{32}$ "	4"
05018020001	1,2	7,0	10	125	111	$\frac{9}{32}$ "	5"
05018025001	1,6	9,0	13	175	126	$1\frac{1}{32}$ "	7"
05018030001	1,6	10,0	13	175	126	$\frac{3}{8}$ "	7"
05018035001	2,0	12,0	13	200	126	$\frac{1}{2}$ "	8"
05018040001	2,5	14,0	16	250	140	$\frac{9}{16}$ "	10"

## 935 SPH Screwdriver for Phillips screws








**Application:** Phillips screws  
**Blade:** Round, hexagon bolster  
**Design:** Chrome-plated, Black Point  
**Handle:** Beech wood with leather cap

	 mm	 mm	 mm	 mm	 mm
05018350001	PH 1	8	90	102	$3\frac{1}{2}$ "
05018352001	PH 2	10	100	111	4"
05018354001	PH 3	13	175	126	7"
05018355001	PH 4	16	200	140	8"

## 955 SPZ Screwdriver for Pozidriv screws






**Application:** Suitable for Pozidriv screws  
**Blade:** Round, hexagon bolster  
**Design:** Chrome-plated, Black Point  
**Handle:** Beech wood with leather cap

	 mm	 mm	 mm	 mm	 mm
05023305001	PZ 1	8	90	102	$3\frac{1}{2}$ "
05023307001	PZ 2	10	100	111	4"
05023309001	PZ 3	13	175	126	7"

## 930/935/6 Screwdriver set






**Application:** Slotted and Phillips screws  
**Content:** 6-piece set in display carton

		
05018251001		
	935 SPH	1 x PH 1x90; 1 x PH 2x100
	930 A	1 x 0,6x3,5x90; 1 x 0,8x4,5x90; 1 x 1,0x5,5x100; 1 x 1,2x7,0x125

## 930/955/6 Screwdriver set



**Application:** Slotted and Pozidriv screws  
**Content:** 6-piece set in display carton

		
05137810001		
	955 SPZ	1 x PZ 1x90; 1 x PZ 2x100
	930 A	1 x 0,6x3,5x90; 1 x 0,8x4,5x90; 1 x 1,0x5,5x100; 1 x 1,2x7,0x125

# Flagdriver Series

## The right tool for every application



### 1267 A TORX® flagdriver for TORX® screws



**Application:** TORX® socket screws  
**Blade:** Round  
**Design:** BlackLaser surface  
**Handle:** Multi-component

		mm	mm	mm	
05026350001	TX 6	33	62,0	3,0	1 19/64"
05026351001	TX 7	33	62,0	3,0	1 19/64"
05026352001	TX 8	40	69,0	3,0	1 37/64"
05026353001	TX 9	40	69,0	3,0	1 37/64"
05026354001	TX 10	40	69,0	3,0	1 37/64"

### 1267 B TORX® combination flagdriver for TORX® and hexagon socket screws



**Application:** TORX® and hexagon socket screws  
**Blade:** Hexagon  
**Design:** TORX® and hexagon, BlackLaser surface  
**Handle:** Multi-component

		mm	mm	mm	
05026372001	TX 15	3,5	47	86,0	1 27/32"
05026373001	TX 15	4	47	86,0	1 27/32"
05026374001	TX 20	4	47	86,0	1 27/32"

### 1267 A TORX PLUS® flagdriver for TORX PLUS® screws



**Application:** TORX PLUS® socket screws  
**Blade:** Round  
**Design:** BlackLaser surface  
**Handle:** Multi-component

		mm	mm	mm	
05026360001	6 IP	33	62,0	3,0	1 19/64"
05026361001	7 IP	33	62,0	3,0	1 19/64"
05026363001	9 IP	40	69,0	3,0	1 37/64"

### 1267 B TORX PLUS® combination flagdriver for TORX PLUS® and hexagon socket screws



**Application:** TORX PLUS® and hexagon socket screws  
**Blade:** Hexagon  
**Design:** TORX PLUS® and hexagon, BlackLaser surface  
**Handle:** Multi-component

		mm	mm	mm	
05026382001	15 IP	3,5	47	86,0	1 27/32"


# Accessories

## Indispensable aids for screwdriving jobs

### Wera Star Magnetizer/Demagnetizer

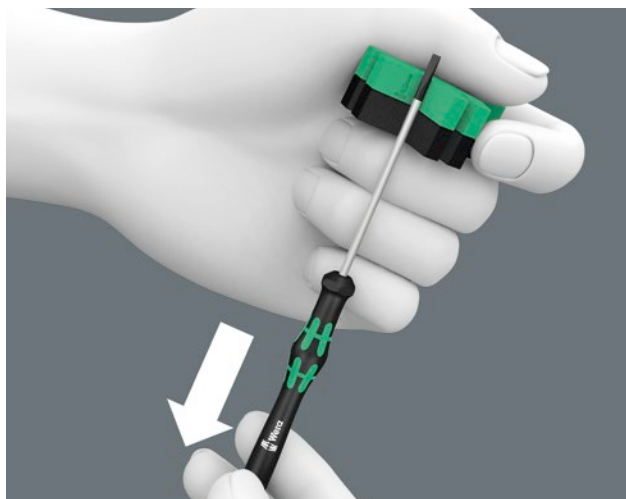


**Application:** Simply run the tool down the positive side of the Wera magnetiser/demagnetiser and the tool immediately becomes magnetised and is able to hold the screw securely on the blade. To demagnetise the tool, simply run it down one of the four negative sides.

	
05073403001	
Wera Star	1 x 48,0



Magnetising






Demagnetising

### 1427 Awl



**Handle:** single-component

**Blade:** Extends through handle




			
	mm	mm	
05027405001	105	92	4 3/16"

### 1428 Reamer





**Handle:** single-component

**Blade:** Extends through handle

			
	mm	mm	
05027455001	107	92	4 9/32"

### Rack for Kraftform Micro screwdrivers



		
	mm	mm
05134002001	190,0	80

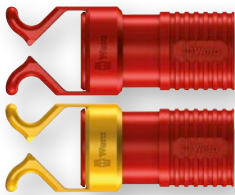


### Rack for Kraftform screwdrivers



	mm	mm
05134001001	190,0	50,0

### 1440/1442 Screw gripper set



**Application:** Attachment with holding function for screws, holds all screw profiles and sizes securely on the tool, suitable for round and hexagon blades with a diameter from 4.5 mm to 6.0 mm and 6.0 mm to 8.5 mm

**Design:** Elastomer

05073680001		
	1440	1 x 4,5 - 6,0x41,0
	1442	1 x 6,0-8,5x41,0

### 1441 Screw gripper attachment for screwdriver blades, long bits and L-keys, with holding function for screws



**Application:** Attachment with holding function for screws, holds all screw profiles and sizes securely on the tool, suitable for round and hexagon blades with a diameter from 4.5 mm to 6.0 mm

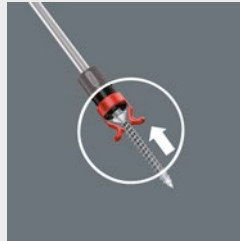
**Design:** Elastomer

	mm	mm
05073681001	4,5-6,0	41,0

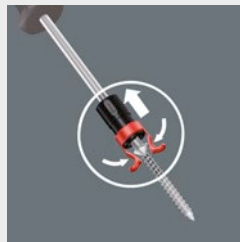
### And this is how the gripper works:



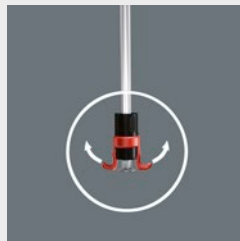
Push the screw gripper onto the tip of the screwdriver until the end of the blade protrudes from the rubber blade holder.



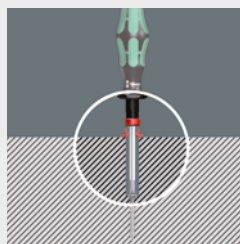
Attach the screw to the tip of the blade and secure it in the screw gripper.



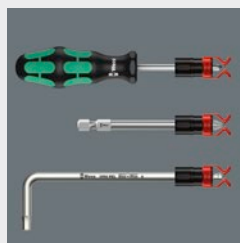
Pull the screw gripper towards the screwdriver handle until the two arms of the gripper sit against the head of the screw and are spread slightly apart. The Wera screw gripper releases the screw automatically after it has been fastened.



The two gripper arms spread further apart as they are pushed against the surface and automatically snap back when the head of the screw is countersunk.



When fastening screws in blind holes the screw gripper is pushed back, making it possible to reach even deep-seated screws.



The screw gripper attachment can also be used with L-keys and long bits!

# Kraftform Micro

Screwdriving jobs in electrical and precision engineering applications are often tedious and time-consuming.

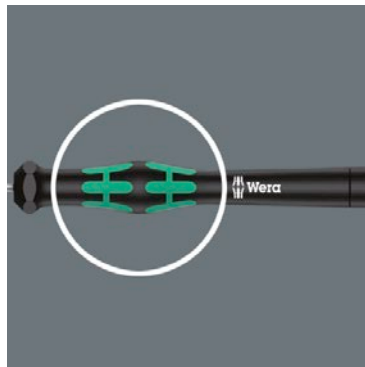
We learned from users what is important for them: working speeds, torque, precision – and we then focused particularly on these issues.



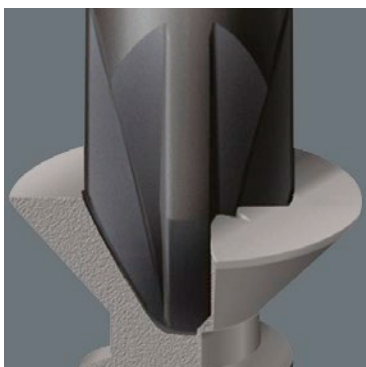
The fast-turning zone just below the rotating cap allows rapid twisting.



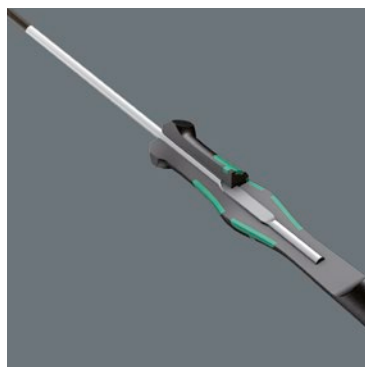
The power zone has integrated soft zones near the blade tip to ensure high torque transfer for loosening or tightening screws without losing contact with the screw.



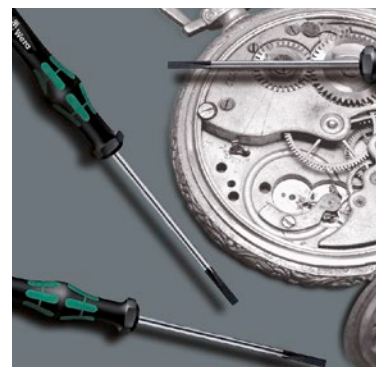
The precision zone directly above the blade gives the user a better feel for the right rotation angle during fine adjustment work.



The Wera Black Point tip, as well as a refined hardening process, ensure long service life and enhanced corrosion protection.



Multi-component screwdriver handle for ergonomic working.



Indispensable for many users, including electronics technicians, opticians, precision engineers, jewellers, EDP hardware fitters and model-makers.



# Series Kraftform Micro

The refined screwdriver for electronics technicians

## 2035 Screwdriver for slotted screws for electronic applications



**Application:** Slotted screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

	mm	mm	mm	mm	mm	mm	mm
05117990001	0,16	0,8	40	97	2,0	1/32"	1 9/16"
05117991001	0,18	1,0	40	97	2,0	0,04"	1 9/16"
05117992001	0,20	1,2	40	97	2,0	0,05"	1 9/16"
05118002001	0,23	1,5	40	97	2,0	1/16"	1 9/16"
05118003001	0,23	1,5	60	97	2,0	1/16"	2 3/8"
05118000001	0,25	1,2	40	97	2,0	0,05"	1 9/16"
05117993001	0,30	1,8	40	97	2,0	0,07"	1 9/16"
05118004001	0,30	1,8	60	97	2,0	0,07"	2 3/8"
05118017001	0,30	2,0	50	97	2,0	0,07"	2"
05118005001	0,40	2,0	40	97	2,5	5/64"	1 9/16"
05118006001	0,40	2,0	60	97	2,5	5/64"	2 3/8"
05118007001	0,40	2,0	100	97	2,5	5/64"	4"
05117994001	0,40	2,5	50	97	2,5	3/32"	2"
05118008001	0,40	2,5	80	97	2,5	3/32"	3 1/8"
05117995001	0,50	3,0	50	97	3,0	1/8"	2"
05118010001	0,50	3,0	80	97	3,0	1/8"	3 1/8"
05118012001	0,60	3,5	80	97	4,0	9/64"	3 1/8"
05118014001	0,80	4,0	80	97	4,0	5/32"	3 1/8"

## 2055 PZ Screwdriver for Pozidriv screws for electronic applications



**Application:** Suitable for Pozidriv screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		mm	mm	mm	mm
05118030001	PZ 0	60	97	3,0	2 3/8"
05118032001	PZ 1	80	97	4,0	3 1/16"

## 2050 PH Screwdriver for Phillips screws for electronic applications



**Application:** Phillips screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		mm	mm	mm	mm
05345290001	PH 000	40	97	1,5	1 9/16"
05345291001	PH 00	40	97	1,5	1 9/16"
05118019001	PH 00	40	97	2,5	1 9/16"
05118020001	PH 00	60	97	3,0	2 3/8"
05118022001	PH 0	60	97	3,0	2 3/8"
05118023001	PH 1	60	97	4,0	2 3/8"
05118024001	PH 1	80	97	4,0	3 1/8"

## 2067 TORX® HF screwdriver with holding function for electronic applications



**Application:** TORX® socket screws  
**Blade:** Round  
**Design:** Holding function for TORX® screws made according to Acument Global Technologies Inc. specifications, chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		mm	mm	mm	mm
05118180001	TX 4	40	97	2,5	1 9/16"
05118181001	TX 5	40	97	3,0	1 9/16"
05118182001	TX 6	40	97	3,0	1 9/16"
05118183001	TX 7	60	97	3,0	2 3/8"
05118184001	TX 8	60	97	3,0	2 3/8"
05118185001	TX 9	60	97	4,0	2 3/8"
05118186001	TX 10	60	97	4,0	2 3/8"



### 2067 TORX® screwdriver for TORX® screws for electronic applications



- Application:** TORX® socket screws
- Blade:** Round
- Design:** Chrome-plated, Black Point
- Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		mm	mm	mm	mm
05118035001	TX 1	40	97	2,0	1 9/16"
05118036001	TX 2	40	97	2,0	1 9/16"
05118037001	TX 3	40	97	2,0	1 9/16"
05118039001	TX 4	40	97	2,5	1 9/16"
05118040001	TX 5	40	97	3,0	1 9/16"
05118042001	TX 6	40	97	3,0	1 9/16"

### 2067 TORX® B0 screwdriver for tamper-proof TORX® screws for electronic applications



- Application:** TORX® socket screws with safety pin  
(B0 = with bore hole)
- Blade:** Round
- Design:** Bore hole in TORX® section, chrome-plated, Black Point
- Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		mm	mm	mm	mm
05118044001	TX 7	60	97	3,0	1 9/16"
05118046001	TX 8	60	97	3,0	2 3/8"
05118048001	TX 9	60	97	4,0	2 3/8"
05118050001	TX 10	60	97	4,0	2 3/8"
05118052001	TX 15	60	97	4,0	2 3/8"
05118054001	TX 20	60	97	4,0	2 3/8"

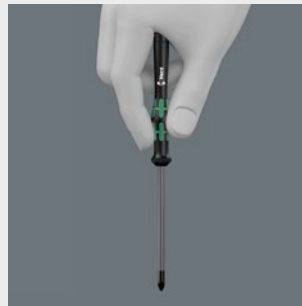
## Tip

### How can I hold my TORX® screw securely on the screwdriver?



The electronic TORX® screwdriver with holding function (HF) literally presses the screw onto the screwdriver. The conical driving flanks that taper toward the tip of the tool, the optimised flank base and the ideal engage depth hold the screw securely on the blade.

### How to perform precision screwdriving jobs quickly whilst still applying the required degree of force?



The Kraftform Micro, with its three zones and their specific arrangement, satisfies these requirements perfectly. The free-turning cap that provides support for the hand works with these advantages, enabling quick and easy precision work.






# Series Kraftform Micro

The refined screwdriver for electronics technicians

## 2073 Five Lobe screwdriver for Five Lobe screws for electronic applications









**Application:** Five Lobe socket screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

					
	# 1	mm	mm	mm	"
05030160001	# 1	44	97	2,0	1 47/64"

## 2054 Screwdriver for hexagon socket screws for electronic applications









**Application:** Hexagon socket screws  
**Blade:** Round  
**Design:** Hex-Plus, chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

						
	mm	mm	mm	mm	mm	"
05118060001	0,7		40	97	3,0	1 9/16"
05118062001	0,9		40	97	3,0	1 9/16"
05118064001	1,3		40	97	3,0	1 9/16"
05118066001	1,5		60	97	3,0	2 3/8"
05118068001	2		60	97	3,0	2 3/8"
05118070001	2,5		60	97	4,0	2 3/8"
05118072001	3,0		60	97	4,0	2 3/8"
05345284001	-	0,028"	40	97	3,0	1 9/16"
05345285001	-	0,035"	40	97	3,0	1 9/16"
05118074001	-	0,05"	40	97	3,0	1 9/16"
05118076001	-	1/16"	60	97	3,0	2 3/8"
05118078001	-	5/64"	60	97	3,0	2 3/8"
05118080001	-	3/32"	60	97	4,0	2 3/8"
05118082001	-	7/64"	60	97	4,0	2 3/8"
05118075001	-	1/8"	60	97	4,0	2 3/8"

## 2052 Ball end hexagon screwdriver for electronic applications



**Application:** Hexagon socket screws  
**Blade:** Round  
**Design:** Hexagon ball end, chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component







						
	mm	mm	mm	mm	mm	"
05118089001	1,3		60	97	3,0	2 3/8"
05118090001	1,5		60	97	3,0	2 3/8"
05118092001	2,0		60	97	3,0	2 3/8"
05118094001	2,5		60	97	4,0	2 3/8"
05118096001	3,0		60	97	4,0	2 3/8"
05118098001	-	1/16"	60	97	3,0	2 3/8"
05118100001	-	5/64"	60	97	3,0	2 3/8"
05118102001	-	3/32"	60	97	3,0	2 3/8"
05118106001	-	7/64"	60	97	4,0	2 3/8"
05118103001	-	1/8"	60	97	4,0	2 3/8"



## 2069 Nutdriver for electronic applications







**Application:** Hexagon headed bolts, screws and nuts  
**Blade:** Round  
**Design:** Chrome-plated  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

	 mm	 mm	 mm	 mm	 mm	
05118108001	1,5		60	97	4,0	2 <sup>3</sup> / <sub>8</sub> "
05118109001	1,8		60	97	4,0	2 <sup>3</sup> / <sub>8</sub> "
05118110001	2,0		60	97	4,0	2 <sup>3</sup> / <sub>8</sub> "
05118112001	2,5		60	97	4,0	2 <sup>3</sup> / <sub>8</sub> "
05118114001	3,0		60	97	5,0	2 <sup>3</sup> / <sub>8</sub> "
05118116001	3,2		60	97	5,0	2 <sup>3</sup> / <sub>8</sub> "
05118118001	3,5		60	97	5,3	2 <sup>3</sup> / <sub>8</sub> "
05118120001	4,0		60	97	5,5	2 <sup>3</sup> / <sub>8</sub> "
05118122001	4,5		60	97	6,2	2 <sup>3</sup> / <sub>8</sub> "
05118124001	5,0		60	97	7,0	2 <sup>3</sup> / <sub>8</sub> "
05118126001	5,5		60	97	7,8	2 <sup>3</sup> / <sub>8</sub> "
05345281001	6,0		60	97	8,5	2 <sup>3</sup> / <sub>8</sub> "
05118128001	-	3/ <sub>32</sub> "	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05118130001	-	7/ <sub>64</sub> "	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05118132001	-	1/ <sub>8</sub> "	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05118134001	-	9/ <sub>64</sub> "	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05118136001	-	5/ <sub>32</sub> "	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05118135001	-	3/ <sub>16</sub> "	60	97	-	2 <sup>3</sup> / <sub>8</sub> "
05118137001	-	7/ <sub>32</sub> "	60	97	-	2 <sup>3</sup> / <sub>8</sub> "
05345282001	-	1/ <sub>4</sub> "	60	97	8,5	2 <sup>3</sup> / <sub>8</sub> "

## 1429 Chip lifter



**Application:** Lifting tightly-fitting parts from circuit boards after desoldering  
**Blade:** Round  
**Design:** Chrome-plated  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

	 mm	 mm	 mm	 mm
05027456001	1,0	3,5	50	97

## Tip

### How to hold any screw securely on the screwdriver?



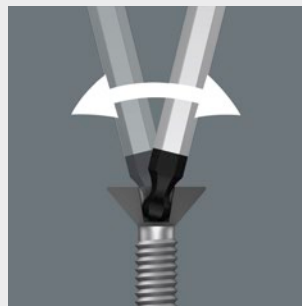
With the Wera magnetiser/demagnetiser: simply run the tool down the positive side of the Wera magnetiser/demagnetiser and the tool immediately becomes magnetised and is able to hold the screw securely on the blade.



To demagnetise the tool, simply run it down one of the four negative sides. See page 58.



### Hexagon ball tip

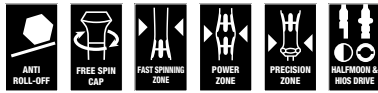


The spherical drive profile means that it is possible to swivel the axis of the tool to that of the screw, and therefore enable angled, "around-the-corner" screw-driving jobs.

# Series Kraftform Micro

The refined screwdriver for electronics technicians

## 1013 Kraftform Micro bitholding screwdriver



**Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)

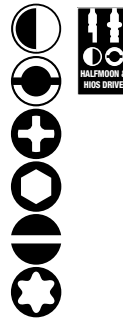
**Design:** With quick-release chuck for rapid bit change

**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

	mm	mm	"
05051276001	23	97	1"

Bits of the Wera serie 9 and 21 can be found on pages 285, 314, 320, 322, 327, 334, 346 and 347.

## Kraftform Kompakt Micro-Set/11 SB



Pouch with 44 mm bits

11-piece set

1 Kraftform Micro bitholding screwdriver 1013

05135938001		
1013 Kraftform Micro	1 x 97	
851/9 C	1 x PH 00x44; 1 x PH 0x44; 1 x PH 1x44	
840/9 C	1 x 1,5x44; 1 x 2,0x44	
800/9 C	1 x 0,23x1,5x44; 1 x 0,40x2,0x44; 1 x 0,50x3,0x44	
867/9 C TORX®	1 x TX 5x44; 1 x TX 6x44	

## Kraftform Micro-Set/12 SB 1 Screwdriver set for electronic applications



**Application:** Slotted and Phillips screws, TORX® socket screws, and Hexagon socket screws

**Content:** 12-piece set, in a belt pouch

05073675001		
2050 PH Micro	1 x PH 00x60; 1 x PH 0x60	
2067 TORX® HF Micro	1 x TX 5x40; 1 x TX 6x40	
2035 Micro	1 x 0,23x1,5x40; 1 x 0,30x1,8x60; 1 x 0,40x2,0x60; 1 x 0,40x2,5x80; 1 x 0,50x3,0x80	
2054 Micro	1 x 0,9x40; 1 x 1,5x60; 1 x 2x60	

## 2035/6 A Screwdriver set and rack for electronic applications



**Application:** Slotted and Phillips screws

**Content:** 6-piece set and rack in display carton

05118150001		
2050 PH Micro	1 x PH 00x60; 1 x PH 0x60	
2035 Micro	1 x 0,30x1,8x60; 1 x 0,40x2,0x60; 1 x 0,40x2,5x80; 1 x 0,50x3,0x80	



### 2035/6 B Screwdriver set and rack for electronic applications



**Application:** Slotted and Phillips screws  
**Content:** 6-piece set and rack in display carton

05118152001	
	2050 PH Micro 1 x PH 0x60; 1 x PH 1x80
	2035 Micro 1 x 0,40x2,5x80; 1 x 0,50x3,0x80; 1 x 0,60x3,5x80; 1 x 0,80x4,0x80

### 2052/6 Hexagon screwdriver set and rack for electronic applications



**Application:** Ball end for hexagon socket screws  
**Content:** 6-piece set and rack in display carton

05118156001	
	2052 Micro 1 x 1,5x60; 1 x 2,0x60; 1 x 2,5x60; 1 x 3,0x60
	2054 Micro 1 x 0,9x40; 1 x 1,3x40

### 2067/6 TORX® B0 screwdriver set and rack for electronic applications



**Application:** TORX® socket screws with safety pin (B0 = with bore hole)  
**Content:** 6-piece set and rack in display carton

05118154001	
	2067 TORX® B0 Micro 1 x TX 7x60; 1 x TX 8x60; 1 x TX 9x60; 1 x TX 10x60; 1 x TX 15x60; 1 x TX 20x60

### 2069/6 Screwdriver set and rack for electronic applications



**Application:** Hexagon headed bolts, screws and nuts  
**Content:** 6-piece set and rack in display carton

05118158001	
	2069 Micro 1 x 2,0x60; 1 x 2,5x60; 1 x 3,0x60; 1 x 3,5x60; 1 x 4,0x60; 1 x 5,0x60

### Pouch for up to 12-piece sets Kraftform Kompakt Micro, empty



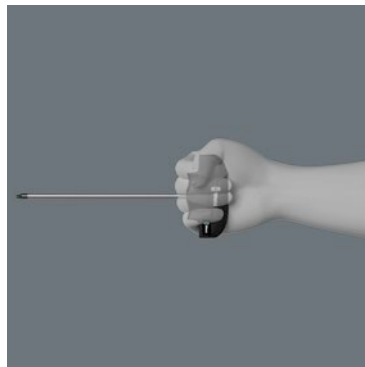
	mm	mm
05671385001	235	115

# Screwdrivers with T-handle

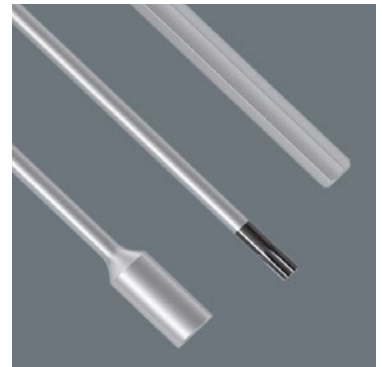
The T-handle is useful whenever higher tightening or loosening torque need to be applied. The exclusive use of hard material in combination with the large contact surface area in the hand ensures an efficient, positive transfer of power.



The ergonomic design of the T-handle fills the palm of the hand. The fingers rest in the soft, rounded recess, and the whole hand is in contact with the handle – so there is no friction loss between the hand and handle.



By using the blade as an extension of your lower arm you can transfer particularly high torque.



The blades are made out of special alloy steels for superior wear resistance and robustness.








# Series 400 T-Handle

Ideal for high torque

## 454 T-handle hexdriver








**Application:** Hexagon socket screws  
**Blade:** Hexagon  
**Design:** Hex-Plus, chamfered, chrome-plated  
**Handle:** T-handle, single-component

		 mm	 mm	 mm	 "
05013300001	2	100	27	61	4"
05013301001	2	200	27	61	8"
05013302001	2,5	100	27	61	4"
05013303001	2,5	200	27	61	8"
05013304001	3	100	33	70	4"
05013305001	3	150	33	70	6"
05013330001	3	200	33	70	8"
05013331001	3	350	33	70	14"
05013332001	4	100	33	70	4"
05013306001	4	150	33	70	6"
05013307001	4	200	33	70	8"
05013333001	4	350	33	70	14"
05013334001	5	100	44	87	4"
05013308001	5	150	44	87	6"
05013309001	5	200	44	87	8"
05013335001	5	350	44	87	18"
05013337001	6	100	44	87	4"
05013338001	6	150	44	87	6"
05013310001	6	200	44	87	8"
05013339001	6	350	44	87	14"
05013311001	7	200	44	87	8"
05013341001	8	150	44	87	6"
05013312001	8	200	44	87	8"
05013314001	10	200	44	87	8"

## 454 T-handle hexdriver, imperial









**Application:** Hexagon socket screws  
**Blade:** Hexagon  
**Design:** Hex-Plus, chamfered, chrome-plated  
**Handle:** T-handle, single-component

		 mm	 mm	 mm	 "
05344536001	$\frac{3}{32}$ "	100	27	61	4"
05344537001	$\frac{7}{64}$ "	100	27	61	4"
05344538001	$\frac{1}{8}$ "	100	33	70	4"
05344546001	$\frac{9}{64}$ "	150	33	70	6"
05344545001	$\frac{5}{32}$ "	150	33	70	6"
05344544001	$\frac{3}{16}$ "	150	44	87	6"
05344543001	$\frac{7}{32}$ "	150	44	87	6"
05344542001	$\frac{1}{4}$ "	200	44	87	8"
05344541001	$\frac{5}{16}$ "	200	44	87	8"
05344540001	$\frac{3}{8}$ "	200	44	87	8"

## 467 T-handle TORX® driver



**Application:** TORX® screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** T-handle, single-component

		 mm	 mm	 mm	 "	 mm
05013350001	TX 6	100	27	61	4"	3,0
05013352001	TX 7	100	27	61	4"	3,0
05013354001	TX 8	100	27	61	4"	3,5
05013356001	TX 9	100	27	61	4"	3,5
05013358001	TX 10	100	27	61	4"	4,0
05013360001	TX 15	100	33	70	4"	4,0
05013362001	TX 20	100	33	70	4"	4,5
05013364001	TX 20	200	33	70	8"	4,5
05013366001	TX 25	100	33	70	4"	5,0
05013368001	TX 25	200	33	70	8"	5,0
05013370001	TX 27	200	44	87	8"	6,0
05013372001	TX 30	200	44	87	8"	6,0
05013374001	TX 40	200	44	87	8"	8,0
05013376001	TX 45	200	44	87	8"	9,0



### 495 T-handle nutspinner



**Application:** Hexagon headed bolts, screws and nuts  
**Blade:** Round  
**Design:** Hexagonal, chrome-plated  
**Handle:** T-handle, single-component

		mm	mm	mm	mm	mm
05013400001	5	230	33	70	9"	8,1
05013399001	5,5	230	33	70	9"	8,1
05013401001	6	230	33	70	9"	9,1
05013402001	7	230	44	87	9"	11,0
05013403001	8	230	44	87	9"	12,1
05013404001	9	230	44	87	9"	13,1
05013405001	10	230	44	87	9"	14,1
05013407001	11	230	44	87	9"	16,0
05013409001	12	230	44	87	9"	17,1
05013411001	13	230	44	87	9"	18,1

### 489 R T-handle Rapidaptor

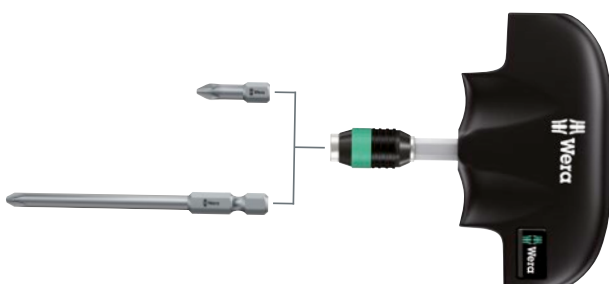


**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Drive:** 1/4" hexagon with Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology, magnetic

**Handle:** T-handle, multi-component

		mm	mm	mm	mm
05013390001	1/4"	45	44	87	1 25/32"



## Rapidaptor

### Rapid-in and self-lock



The bit can be pushed into the adaptor without moving the sleeve. The lock is activated automatically as soon as the bit is applied to the screw. Bits are held securely and wobble-free.

### Rapid-out



Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. The rapid-out function makes it easy to remove even the smallest bits without extra tools.

### Chuck-all



The Rapidaptor quick-release chucks hold 1/4" DIN ISO 1173-C 6,3 and E 6,3 as well as Wera series 1 and 4 bits.

### Single-hand function



Every function of the Rapidaptor quick-release chuck, such as inserting or releasing bits, can be carried out with one hand. This is faster, more economical and more ergonomic. There are no unnecessary manoeuvres.





2U10





# VDE Tools

	Kraftform Stainless VDE	<b>74</b>
	Kraftform Series 100 VDE	<b>78</b>
	Kraftform Kompakt VDE	<b>92</b>
	Kraftform Comfort VDE	<b>104</b>

# Kraftform Stainless Screwdrivers VDE

Why are stainless elements so often affected by rust? One reason: screwdriving jobs are often carried out with a tool out of made from conventional steel which can result in extraneous rust forming. This is annoying. We were confident that this could be prevented by using tools likewise out of stainless steel and meeting the required standard of industrial hardness.

A tool series out of stainless steel. The forming of extraneous rust is prevented and a special vacuum ice-hardening process ensures the required degree of hardness – and they are even VDE-tested, too.



Solution to the rust problem: screw stainless steel together with stainless steel! Wera stainless steel tools are manufactured out of stainless steel so unsightly rust can be avoided.

The stainless steel tools from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.



A precisely-focused laser creates a sharp-edged surface structure. This laser treatment results in an edge hardness of up to 1000 HV 0.3. Wera Lasertip "bites" itself into the screw head and prevents any slips out of the recess. It is available for screwdrivers for slotted, Phillips and Pozidriv screws.



Wera Lasertip reduces the contact pressure required and enhances force transfer – meaning less screwdriving effort is required. Screwdriving becomes safer and easier.



The outstanding design of the Kraftform handle that fits perfectly into the hand prevents hand injuries such as blisters and calluses.



The hard materials used for the handle ensure rapid hand repositioning without any danger of the skin “sticking” to the handle. The surrounding hard zones with large diameters glide like wheels across the hand.



The screw symbol and tip size identification markings on the handle make it easier to find the right screwdriver in the tool case or at the workplace.



The hexagonal non-roll feature prevents any rolling away at the workplace.

# Series Kraftform Screwdrivers

## Stainless Steel VDE

### 3160 i VDE Insulated Screwdriver for slotted screws, stainless



**Application:** Slotted screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Conical edge, Lasertip, stainless steel for minimising rust

**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm	mm	mm		
05022729001 <sup>1)</sup>	0,5	3,0	80	81	1/8"	3 1/8"
05022730001	0,6	3,5	100	81	9/64"	4"
05022731001	0,8	4,0	100	98	5/32"	4"
05022732001	1,0	5,5	125	98	7/32"	5"

<sup>1)</sup> without Lasertip

### 3165 i PZ VDE Insulated screwdriver for Pozidriv screws, stainless



**Application:** Suitable for Pozidriv screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05022740001	PZ 1	80	98	3 1/8"
05022741001	PZ 2	100	105	4"

### 3162 i PH VDE Insulated screwdriver for Phillips screws, stainless



**Application:** Phillips screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Lasertip, stainless steel for minimising rust

**Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05022733001	PH 1	80	98	3 1/8"
05022734001	PH 2	100	105	4"

### 3160 i/7 Screwdriver set, stainless and rack



Kraftform stainless: the safety screwdriver for stainless steel screws, Lasertip blade + voltage tester + rack

**Application:** Slotted and Phillips screws

**Contents:** Stainless steel, 7-piece set and rack in display carton

05022728001	
	<b>3247</b> 1 x 0,5x3,0x70
	<b>3162 i VDE</b> 1 x PH 1x80; 1 x PH 2x100
	<b>3160 i VDE</b> 1 x 0,5x3,0x80 <sup>1)</sup> ; 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125

<sup>1)</sup> without Lasertip  
Product not available in the USA and Canada.

### 3165 i/6 Screwdriver set, stainless and rack



Kraftform stainless: the safety screwdriver for stainless steel screws, Lasertip blade + rack

**Application:** Slotted and Pozidriv screws

**Contents:** Stainless steel, 6-piece set and rack in display carton

05022745001	
	<b>3165 i PZ VDE</b> 1 x PZ 1x80; 1 x PZ 2x100
	<b>3160 i VDE</b> 1 x 0,5x3,0x80 <sup>1)</sup> ; 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125

<sup>1)</sup> without Lasertip

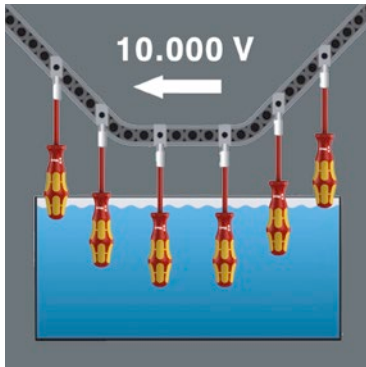
# Kraftform Screwdrivers

## Series 100 VDE

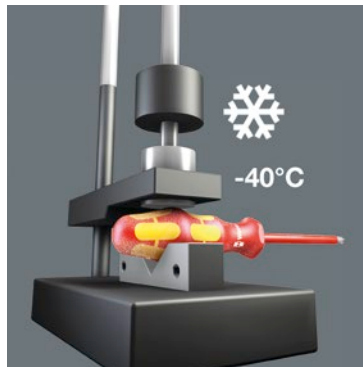
We want our users to be able to work safely and conveniently.  
So we have now transferred the advantages of the Kraftform Plus technology into the VDE segment.



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



Impact strength tested at -40°C, guaranteeing safety even under extreme conditions.



The outstanding design of the Kraftform handle ensures that it fits perfectly into the hand, preventing hand injuries such as blisters and calluses.



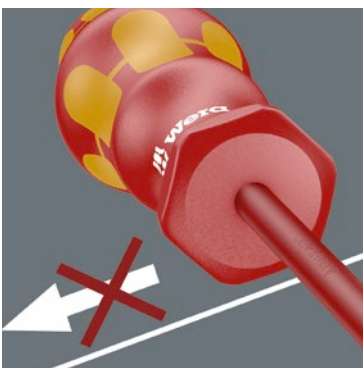
The hard materials used for the handle ensure rapid hand repositioning, without any danger of the skin “sticking” to the handle. The softer “anti-slip” zones enable the low-loss transfer of high forces – resulting in less screwdriving effort being required.



A precisely-focused laser creates a sharp-edged surface structure. This laser treatment results in an edge hardness of up to 1000 HV 0.3. Wera Lasertip “bites” itself into the screw head and prevents any slips out of the recess. It is available for screwdrivers for slotted, Phillips and Pozidriv screws.



The screw symbol and tip size identification markings on the handle make it easier to find the right screwdriver in the tool case or at the workplace.



The hexagonal non-roll feature prevents any annoying rolling away at the workplace.

# Kraftform Plus – Series 100 VDE

The safety screwdriver for working with live wiring

## 160 i VDE Insulated screwdriver for slotted screws



**Application:** Slotted screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Conical tip, Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

	┌ mm	┐ mm	┌ mm	┐ mm	┌ mm	┐ mm
05006100001 <sup>1)</sup>	0,4	2,5	80	81	3/32"	3 1/8"
05006105001 <sup>1)</sup>	0,5	3,0	100	81	1/8"	4"
05006110001	0,6	3,5	100	81	9/64"	4"
05006115001	0,8	4,0	100	98	5/32"	4"
05006116001	0,8	4,0	150	98	5/32"	6"
05006120001	1,0	5,5	125	98	7/32"	5"
05006121001	1,0	5,5	200	98	7/32"	8"
05006125001	1,2	6,5	150	105	1/4"	6"
05006126001	1,2	6,5	200	105	1/4"	8"
05006130001	1,2	8,0	175	112	5/16"	7"
05006135001	1,6	8,0	200	112	5/16"	8"
05006140001	1,6	10,0	200	112	3/8"	8"

<sup>1)</sup> without Lasertip

## 160 i SB VDE Insulated screwdriver for slotted screws

		4013288
05100000001	● 1 x 0.4x2.5x80 <sup>1)</sup>	181466
05100001001	● 1 x 0.5x3.0x100 <sup>1)</sup>	181473
05100002001	● 1 x 0.6x3.5x100	181480
05100003001	● 1 x 0.8x4.0x100	181497
05100004001	● 1 x 1.0x5.5x125	181503



## 160 iS VDE Insulated screwdriver with reduced blade diameter for slotted screws



**Application:** Slotted screws and actuating tool for spring terminals

**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken screws and spring elements to be accessed and actuated, individually tested as per IEC 60900

**Design:** Conical blade, zinc-phosphated

**Handle:** Kraftform with non-roll feature, multi-component

	┌ mm	┐ mm	┌ mm	┐ mm	┌ mm	┐ mm
05006440001	0,6	3,5	100	81	9/64"	4"
05006441001	0,8	4,0	100	98	5/32"	4"
05006442001	1,0	5,5	125	98	7/32"	5"

## 160 iSS VDE Insulated screwdriver with reduced blade diameter for slotted screws



**Application:** Slotted screws and actuating tool for spring terminals

**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken screws and spring elements to be accessed and actuated, individually tested as per IEC 60900

**Design:** Conical blade, zinc-phosphated

**Handle:** Kraftform with non-roll feature, multi-component

	┌ mm	┐ mm	┌ mm	┐ mm	┌ mm	┐ mm
05020129001	0,8	4,0	100	81	5/32"	4"

## 162 i PH VDE Insulated screwdriver with Phillips screws



**Application:** Phillips screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Lasertip

**Handle:** Kraffform with non-roll feature, multi-component

	+	mm	mm	"
05006150001 <sup>1)</sup>	PH 0	80	81	3 1/8"
05006152001	PH 1	80	98	3 7/8"
05006153001	PH 1	150	98	6"
05006154001	PH 2	100	105	4"
05006159001	PH 2	200	105	8"
05006156001	PH 3	150	112	6"
05006158001 <sup>1)</sup>	PH 4	200	112	8"

<sup>1)</sup> without Lasertip

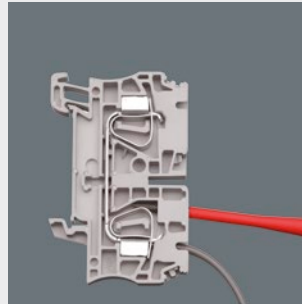
## 162 i PH SB VDE Insulated screwdriver with Phillips screws

		4013288
05100011001	+	1 x PH 1x80 181442
05100012001	+	1 x PH 2x100 181459



## Tip

### VDE-insulated screwdriver with reduced blade diameter



Reduced blade diameter with integrated protective insulation, allows sunken screws and spring elements to be accessed and actuated, individually tested as per IEC 60900.



### How to prevent the screwdriver from slipping out of the screw head?



It happens time and time again that the tip slips out of the screw head when screwdriving, sometimes damaging valuable surfaces or even causing injury. The tips of the Wera Lasertip screwdrivers are microscopically roughened by means of a laser. This rough surface literally "bites" itself firmly into the screw head. Slipping out becomes a thing of the past.

# Kraftform Plus – Series 100 VDE

The safety screwdriver for working with live wiring

## 162 iS PH VDE Insulated screwdriver with reduced blade diameter for Phillips screws



**Application:** Phillips screws

**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PH screws to be accessed and actuated, individually tested as per IEC 60900

**Design:** Blade zinc-phosphated

**Handle:** Kraftform with non-roll feature, multi-component

	+	mm	mm	"
05006450001	PH 1	80	98	3 1/8"
05006451001	PH 2	100	105	4"

## 165 i PZ VDE Insulated screwdriver for Pozidriv screws



**Application:** Suitable for Pozidriv screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Lasertip

**Handle:** Kraftform with non-roll feature, multi-component

	+	mm	mm	"
05006160001 <sup>1)</sup>	PZ 0	80	81	3 1/8"
05006162001	PZ 1	80	98	3 1/8"
05006163001	PZ 1	150	98	6"
05006164001	PZ 2	100	105	4"
05006165001	PZ 2	200	105	8"
05006166001	PZ 3	150	112	6"
05006168001 <sup>1)</sup>	PZ 4	200	112	8"

<sup>1)</sup> without Lasertip

## 162 iSS PH VDE Insulated screwdriver with reduced blade diameter for Phillips screws



**Application:** Phillips screws

**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PH screws to be accessed and actuated, individually tested as per IEC 60900

**Design:** Blade zinc-phosphated

**Handle:** Kraftform with non-roll feature, multi-component

	+	mm	mm	"
05020131001	PH 1	80	81	3 1/8"
05020133001	PH 2	100	98	4"

## 165 i PZ SB VDE Insulated screwdriver for Pozidriv screws

		4013288
05100015001	1 x PZ 1x80	181510
05100016001	1 x PZ 2x100	181527



**165 iS PZ VDE Insulated screwdriver with reduced blade diameter for Pozidriv screws**



- Application:** Suitable for Pozidriv screws
- Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PZ screws to be accessed and actuated, individually tested as per IEC 60900
- Design:** Blade zinc-phosphated
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05006460001	PZ 1	80	98	3 1/8"
05006461001	PZ 2	100	105	4"

**162 i PH/S VDE Insulated screwdriver for PlusMinus screws (Phillips/slotted)**



- Application:** PlusMinus screws (Phillips/slotted)
- Blade:** Insulated, individually tested as per IEC 60900
- Design:** PlusMinus (Phillips/slotted)
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05006380001	# 1	80	98	3 1/8"
05006381001	# 2	100	105	4"

**Tip**

**How to find the correct screwdriver quickly?**



All Kraftform Plus screwdrivers are marked with their drive profile and size. This enables faster and more reliable selection of the correct tool from the tool case.

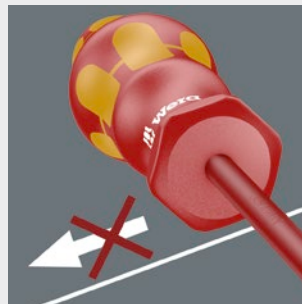


**PlusMinus screwdrivers**



For the use in terminal blocks, control cabinets, switches, relays, sockets etc.

**Non-roll feature**



All Kraftform screwdrivers have a non-roll feature at the lower end of the handle. The hexagonal design prevents any annoying rolling away of the screwdriver at the workplace.

# Kraftform Plus – Series 100 VDE

The safety screwdriver for working with live wiring

## 162 iS PH/S VDE Insulated screwdriver with reduced blade diameter for PlusMinus screws (Phillips/slotted)



- Application:** PlusMinus screws (Phillips/slotted)
- Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PlusMinus screws to be accessed and actuated, individually tested as per IEC 60900
- Design:** Combination profile Phillips/slotted, blade zinc-phosphated
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05006455001	# 1	80	98	3 1/8"
05006456001	# 2	100	105	4"

## 165 iS PZ/S VDE Insulated screwdriver with reduced blade diameter for PlusMinus screws (Pozidriv/slotted)



- Application:** For PlusMinus screws (Pozidriv/slotted)
- Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PlusMinus screws to be accessed and actuated, individually tested as per IEC 60900
- Design:** PlusMinus (Pozidriv/slotted), blade zinc-phosphated
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05006465001	# 1	80	98	3 1/8"
05006466001	# 2	100	105	4"

## 165 i PZ/S VDE Insulated screwdriver for PlusMinus screws (Pozidriv/slotted)



- Application:** For PlusMinus screws (Pozidriv/slotted)
- Blade:** Insulated, individually tested as per IEC 60900
- Design:** PlusMinus (Pozidriv/slotted)
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05006190001	# 1	80	98	3 1/8"
05006191001	# 2	100	105	4"

## 165 iSS PZ/S VDE Insulated screwdriver with reduced blade diameter for PlusMinus screws (Pozidriv/slotted)







- Application:** For PlusMinus screws (Pozidriv/slotted)
- Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PlusMinus screws to be accessed and actuated, individually tested as per IEC 60900
- Design:** PlusMinus (Pozidriv/slotted), blade zinc-phosphated
- Handle:** Kraftform with non-roll feature, multi-component

		mm	mm	
05020132001	# 1	80	81	3 1/8"
05020134001	# 2	100	98	4"

## 167 i VDE Insulated screwdriver for TORX® screws







- Application:** TORX® socket screws  
**Blade:** Insulated, individually tested as per IEC 60900  
**Design:** Zinc-phosphated  
**Handle:** Kraffform with non-roll feature, multi-component

		 mm	 mm	 "
05006181001	TX 5	80	81	3 1/8"
05006182001	TX 6	80	81	3 1/8"
05006183001	TX 7	80	81	3 1/8"
05006184001	TX 8	80	81	3 1/8"
05006169001	TX 9	80	81	3 1/8"
05006170001	TX 10	80	81	3 1/8"
05006172001	TX 15	80	98	3 1/8"
05006174001	TX 20	80	98	3 1/8"
05006176001	TX 25	100	105	4"
05006177001	TX 27	100	105	4"
05006178001	TX 30	100	105	4"
05006179001	TX 40	150	112	6"
05006186001	TX 45	150	112	6"

## 164 i VDE Insulated screwdriver for hexagon socket screws



- Application:** Hexagon socket screws  
**Blade:** Insulated, individually tested as per IEC 60900  
**Design:** Zinc-phosphated  
**Handle:** Kraffform with non-roll feature, multi-component

	 mm	 mm	 mm	 "
05004650001	2,5	80	98	3 1/8"
05004655001	3,0	80	98	3 1/8"
05004660001	4,0	80	98	3 1/8"
05004665001	5,0	80	105	3 1/8"
05004670001	6,0	100	105	4"
05004675001	8,0	100	112	4"

## Tip

### Tested for dielectric strength



Our screwdrivers are tested for dielectric strength under a 10,000 volt load in a water bath to make sure that their most important property, their insulation, has been exhaustively tested. Each individual Wera VDE screwdriver is subjected to this test to guarantee safe working up to 1,000 volts.



### The super slim VDE screwdrivers



The super slim VDE screwdrivers for installation jobs in particularly confined spaces. Not only do the blades have a reduced diameter, the handles also have a very slim design.












# Kraftform Plus – Series 100 VDE

The safety screwdriver for working with live wiring






## 168 i VDE Insulated screwdriver for square socket head screws



- Application:** Square socket head screws  
**Blade:** Insulated, individually tested as per IEC 60900  
**Design:** Zinc-phosphated  
**Handle:** Kraftform with non-roll feature, multi-component

					
		mm	mm	"	
05004780001		# 1	80	98	3 1/8"
05004783001		# 1	150	98	6"
05004781001		# 2	100	105	4"
05004784001		# 2	200	105	8"
05004782001		# 3	150	112	6"

## 168 i SB VDE Insulated screwdriver for square socket head screws







		
		4013288
05100024001	 1 x # 1x80	181534
05100025001	 1 x # 2x100	181541
05100026001	 1 x # 3x150	181558



## 190 i VDE Insulated nutdriver



- Application:** Hexagon headed bolts, screws and nuts  
**Blade:** Insulated, individually inspected as per IEC 60900  
**Design:** Zinc-phosphated  
**Handle:** Kraftform with non-roll feature, multi-component







						
	mm	mm	mm	mm	mm	"
05005300001	5,5	125	98	11,0	5"	
05005305001	6,0	125	98	12,0	5"	
05005310001	7,0	125	105	14,0	5"	
05005315001	8,0	125	105	15,0	5"	
05005320001	9,0	125	105	16,0	5"	
05005325001	10,0	125	112	17,0	5"	
05005330001	11,0	125	112	19,0	5"	
05005335001	12,0	125	112	20,0	5"	
05005340001	13,0	125	112	21,0	5"	
05104900001	-	3/16"	125	98	11,0	5"
05345280001	-	7/32"	125	98	12,0	5"
05104905001	-	1/4"	125	98	13,0	5"
05104901001	-	5/16"	125	105	15,0	5"
05104906001	-	3/8"	125	105	17,0	5"
05104902001	-	7/16"	125	112	19,0	5"
05104904001	-	1/2"	125	112	21,0	5"
05104903001	-	9/16"	125	112	23,0	5"
05104907001	-	5/8"	125	112	25,0	5"

## 247 Single-pole voltage tester






**Application:** Voltage testing

**Standard:** ISO 57680/6 and VDE 0680/6 for 150 to 250 V

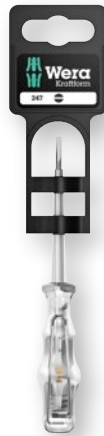
	 mm	 mm	 mm	 mm	 "	 "
05005655001	0,5	3,0	70	3,0	1/8"	2 3/4"

Product not available in the USA and Canada.

## 247 SB Single-pole voltage tester

	
05100100001	4013288
 1 x 0.5x3.0x70	181664

Product not available in the USA and Canada.



## Tip



### Why is the Kraftform Plus handle made out of several components?



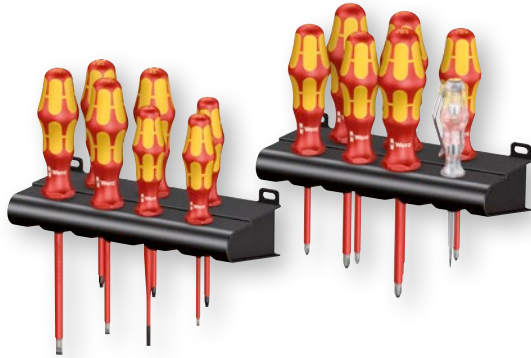
Wera produces the Kraftform handle out of several materials with different properties. A resistant plastic is used for the core which ensures that the blade is held securely even under high strain. A softer material is used for the coloured soft zones, which provides high frictional resistance and allows the transfer of high forces – resulting in less required screwdriving effort. The red sections with their hard surfaces prevent any “sticking” of the hand to the handle, making rapid repositioning of the hand possible.



# Kraftform Plus – Series 100 VDE

The safety screwdriver for working with live wiring

## Kraftform Big Pack 100 VDE



Kraftform: The safety screwdriver with Lasertip blade, voltage tester and rack

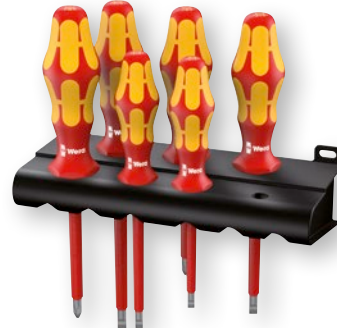
**Application:** Slotted, Phillips, PlusMinus (Pozidriv/slotted), Pozidriv and TORX® screws

**Content:** 14-piece set in display carton

05105631001	
+	162 i PH VDE 1 x PH 1x80; 1 x PH 2x100
+	165 i PZ VDE 1 x PZ 1x80; 1 x PZ 2x100
+	165 i PZ/S VDE 1 x # 1x80; 1 x # 2x100
+	167 i TORX® VDE 1 x TX 10x80; 1 x TX 15x80; 1 x TX 20x80
●	160 iS 1 x 0,6x3,5x100
●	160 i VDE 1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
●	247 1 x 0,5x3,0x70
	Rack 2 x 190,0x50,0

<sup>1)</sup> without Lasertip  
Product not available in the USA and Canada.

## 160 i/6 Rack Screwdriver Set Kraftform Plus Series 100 + Rack



Kraftform: The safety screwdriver. Lasertip blade + rack

**Application:** For slotted and Phillips screws

**Content:** 6-pieces set and rack in display carton

05006145001	
+	162 i PH VDE 1 x PH 1x80; 1 x PH 2x100
●	160 i VDE 1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125

<sup>1)</sup> without Lasertip

### 160 i/7 Rack screwdriver set Kraftform Plus Series 100, voltage tester and rack



Kraftform: The safety screwdriver with Lasertip blade, voltage tester and rack

**Application:** Slotted and Phillips screws

**Content:** 7-piece set and rack in display carton

05006147001	
+	162 i PH VDE 1 x PH 1x80; 1 x PH 2x100
-	160 i VDE 1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
-	247 1 x 0,5x3,0x70

<sup>1)</sup> without Lasertip  
Product not available in the USA and Canada.

### 160 i/165 i/7 Rack screwdriver set Kraftform Plus Series 100, voltage tester and rack



Kraftform: The safety screwdriver with Lasertip blade, voltage tester and rack

**Application:** Slotted and Pozidriv screws

**Content:** 7-piece set and rack in display carton

05006148001	
+	165 i PZ VDE 1 x PZ 1x80; 1 x PZ 2x100
-	160 i VDE 1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
-	247 1 x 0,5x3,0x70

<sup>1)</sup> without Lasertip  
Product not available in the USA and Canada.

### 167 i/6 Screwdriver set Kraftform Plus Series 100



Kraftform: The safety screwdriver

**Application:** TORX® socket screws

**Content:** 6-piece set

05133356001	
+	167 i TORX® 1 x TX 8x80; 1 x TX 9x80; 1 x TX 10x80; VDE 1 x TX 15x80; 1 x TX 20x80; 1 x TX 25x100

# Kraftform Plus – Series 100 VDE

The safety screwdriver for working with live wiring

**160 iS/7 Rack screwdriver set Kraftform Plus Series 100, voltage tester and rack. With reduced blade diameter**



Kraftform: The safety screwdriver. With reduced blade diameter, voltage tester and rack

**Application:** Slotted, Phillips, PlusMinus screws (Pozidriv/slotted)

**Content:** 7-piece set and rack in display carton

05006480001	
⊕	162 iS 1 x PH 1x80; 1 x PH 2x100
⊕	165 iS PZ/S 1 x # 2x100
⊖	160 iS 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
⊖	247 1 x 0,5x3,0x70

Product not available in the USA and Canada.

**160 i/168 i/6 Rack Screwdriver set Kraftform Plus Series 100 + Rack**



Kraftform: The safety screwdriver. Lasertip blade + rack

**Application:** For slotted, Phillips and square socket screws

**Content:** 6-pieces set and rack in display carton

05347777001	
⊕	162 i PH VDE 1 x PH 1x80; 1 x PH 2x100
⊖	160 i VDE 1 x 0,6x3,5x100; 1 x 1,0x5,5x125
⊖	168 i VDE 1 x # 1x80; 1 x # 2x100

**160 iSS/7 screwdriver set Kraftform Plus Series 100.**  
**With reduced blade diameter and smaller handle diameters**



Kraftform: The safety screwdriver. With reduced blade diameter and partially smaller handle diameters

**Application:** Slotted, Phillips, PlusMinus screws (Pozidriv/slotted)

**Content:** 7-piece set

05135961001		
	<b>160 iSS</b>	1 x 0,8x4,0x100
	<b>160 iS</b>	1 x 0,6x3,5x100; 1 x 1,0x5,5x125
	<b>162 iSS</b>	1 x PH 1x80; 1 x PH 2x100
	<b>165 iSS PZ/S</b>	1 x # 1x80; 1 x # 2x100

**160 i/162 i/167 i/9 Screwdriver set Kraftform Plus Series 100**



Kraftform: The safety screwdriver

**Application:** Slotted, Phillips, Pozidriv, PlusMinus (Pozidriv/slotted) and TORX® socket screws

**Content:** 9-piece set

05133355001		
	<b>162 i PH VDE</b>	1 x PH 2x100
	<b>165 i PZ VDE</b>	1 x PZ 2x100
	<b>165 i PZ/S</b>	1 x # 1x80; 1 x # 2x100
	<b>167 i TORX®</b>	1 x TX 15x80; 1 x TX 20x80; 1 x TX 25x100
	<b>160 i VDE</b>	1 x 0,4x2,5x80 <sup>1)</sup> ; 1 x 1,0x5,5x125

<sup>1)</sup> without Lasertip



# Kraftform Kompakt VDE

Why is the right tool so often missing at the workplace? The reason: too many tools and overly-heavy tool bags can make it bothersome to carry keep them with you.

So for us it was a clear challenge: to develop a tool that is suitable for a whole host of applications and can be easily taken along to the workplace.

Our solution: Kraftform Kompakt tools. A handle into which blades with a range of different profiles can be inserted. Compactly and protectively housed in a light and robust textile pouch – and they are even VDE-tested, too.



Kraftform Kompakt VDE sets come with an insulated handle and insulated interchangeable blades, that can be exchanged without any special tools.



The handle/interchangeable blade system allows rapid exchange of the blades required for a wide range of applications.



Each Kraftform Kompakt VDE set has been tested individually in a water bath at 10,000 volts, in accordance with IEC 60900. This ten-times-higher testing load guarantees safe working at their maximum permitted load of 1,000 volts.



The tools can be stored and carried in a robust belt pouch, keeping them always to hand.

# Kraftform Kompakt VDE

## Versatile tools for work on live wiring

### Kraftform Kompakt VDE Torque 1.2 - 3.0 Nm



1 Series 7400 VDE Kraftform adjustable torque handle (1.2 - 3.0 Nm) for Wera VDE interchangeable blades only

VDE interchangeable blades (each 154 mm long) with reduced blade diameter (articles KK 60 i 0,4x2,5 and KK 67 i TX 10 conventional diameter) with integrated protective insulation, allows sunken screws and spring elements to be accessed and actuated

15-piece set

05059291001	
●	7400 VDE 1 x 7441 VDEx1,2-3,0
⊕	KK 62 iS 1 x PH 1x154; 1 x PH 2x154
⊕	KK 65 iS PZ 1 x PZ 1x154; 1 x PZ 2x154
⊕	KK 65 iS PZ/S 1 x # 1x154; 1 x # 2x154
⊕	KK 67 i TORX® 1 x TX 10x154
⊕	KK 67 iS 1 x TX 15x154; 1 x TX 20x154; 1 x TX 25x154 TORX®
●	KK 60 i 1 x 0,4x2,5x154
●	KK 60 iS 1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154

### Kraftform Kompakt VDE 60 i/62 i/65 i/247/18



1x Kraftform handle 817 VDE for Wera VDE interchangeable blades only

VDE interchangeable blades (each 154 mm long)

Single-pole voltage tester

18-piece set

05003471001	
●	817 VDE 1 x 9x102
⊕	KK 62 i 1 x PH 1x154; 1 x PH 2x154
⊕	KK 62 i PH/S 1 x # 1x154; 1 x # 2x154
⊕	KK 65 i PZ 1 x PZ 1x154; 1 x PZ 2x154
⊕	KK 65 i PZ/S 1 x # 1x154; 1 x # 2x154
●	KK 60 i 1 x 0,4x2,5x154; 1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154
●	KK 96 VK 6,3 1 x 6,3x89
●	KK 97 VK 8,1 1 x 8,1x89
▲	KK 98 DK 1 x 89
●	KK 99 FL 1 x 89
●	247 1 x 0,5x3,0x70

Product not available in the USA and Canada.

## Kraftform Kompakt VDE 60 i/62 i/68 i/18



2x Kraftform handle 817 VDE for Wera VDE interchangeable blades only  
 VDE interchangeable blades (154 mm long)  
 18-piece set

05347108001		
●	817 VDE	2 x 9x102
⊕	KK 62 i	1 x PH 1x154; 1 x PH 2x154
⊕	KK 62 i PH/S	1 x # 1x154; 1 x # 2x154
⊕	KK 65 i PZ/S	1 x # 1x154; 1 x # 2x154
●	KK 60 i	1 x 0,4x2,5x154; 1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154
○	KK 68 i	1 x # 1x154; 1 x # 2x154
●	KK 96 VK 6,3	1 x 6,3x89
●	KK 97 VK 8,1	1 x 8,1x89
⊕	KK 98 DK	1 x 89
●	KK 99 FL	1 x 89

## Tip



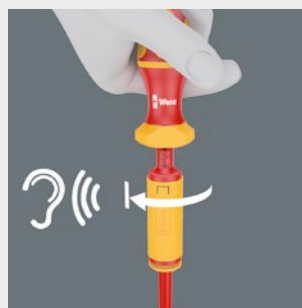
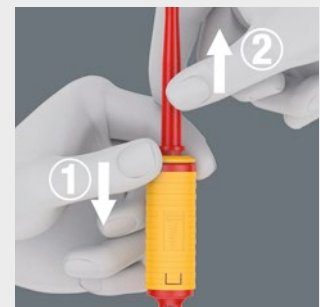
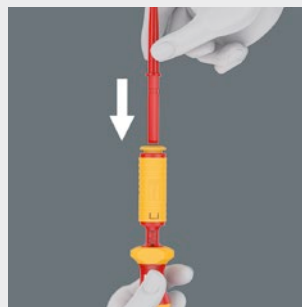
### Kraftform VDE adjustable torque handle



Simple setting of the required torque by hand.

Easy-to-read scale value. Measurement accuracy is  $\pm 6\%$  in accordance with the standard EN ISO 6789.

Distinctly audible and noticeable excess-load signal when the pre-set torque is reached.



### One handle – many interchangeable blades



The system "one handle – many interchangeable blades" makes Kraftform Kompakt VDE compact screwdriving sets for in-house applications as well as mobile electrical applications out of the sets. The belt pouch is practical for tidy storage and transportation. Also available with electrical cabinet keys conforming to the industrial standards.

# Kraftform Kompakt VDE

## Versatile tools for work on live wiring

### Kraftform Kompakt VDE 60 i/62 i/65 i/18



2x Kraftform handle 817 VDE for Wera VDE interchangeable blades only

VDE interchangeable blades (each 154 mm long)

18-piece set

05347107001	
	817 VDE 2 x 9x102
	KK 62 i 1 x PH 1x154; 1 x PH 2x154
	KK 62 i PH/S 1 x # 1x154; 1 x # 2x154
	KK 60 i 1 x 1,0x5,5x154; 1 x 0,4x2,5x154; 1 x 0,6x3,5x154; 1 x 0,8x4,0x154
	KK 65 i PZ 1 x PZ 1x154; 1 x PZ 2x154
	KK 65 i PZ/S 1 x # 1x154; 1 x # 2x154
	KK 96 VK 6,3 1 x 6,3x89
	KK 97 VK 8,1 1 x 8,1x89
	KK 98 DK 1 x 89
	KK 99 FL 1 x 89

### Kraftform Kompakt 60i+iS/62i/65i/67i/17



2x 817 VDE Kraftform handle for Wera VDE interchangeable blades only

VDE exchangeable blades (each 154 mm long)

17-piece set

05059030001	
	817 VDE 2 x 9x102
	KK 62 i 1 x PH 1x154; 1 x PH 2x154
	KK 65 i PZ 1 x PZ 1x154; 1 x PZ 2x154
	KK 65 i PZ/S 1 x # 1x154; 1 x # 2x154
	KK 67 i TORX® 1 x TX 10x154; 1 x TX 15x154; 1 x TX 20x154; 1 x TX 25x154
	KK 60 i 1 x 0,4x2,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154; 1 x 1,2x6,5x154
	KK 60 iS 1 x 0,6x3,5x154

### Kraftform Kompakt VDE 60 i/65 i/67 i/16



1 Kraftform handle 817 VDE for Wera VDE interchangeable blades only

VDE interchangeable blades (each 154 mm long)

Single-pole voltage tester

16-piece set

05003474001	
	817 VDE 1 x 9x102
	KK 62 i 1 x PH 1x154; 1 x PH 2x154
	KK 65 i PZ 1 x PZ 1x154; 1 x PZ 2x154
	KK 65 i PZ/S 1 x # 1x154; 1 x # 2x154
	KK 67 i TORX® 1 x TX 10x154; 1 x TX 15x154; 1 x TX 20x154; 1 x TX 25x154
	KK 60 i 1 x 0,4x2,5x154; 1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154
	247 1 x 0,5x3,0x70

Product not available in the USA and Canada.



### Kraftform Kompakt VDE 60 iS/65 iS/67 iS/16



1 Kraftform handle 817 VDE for Wera VDE interchangeable blades only

VDE interchangeable blades (each 154 mm long) with reduced blade diameter with integrated protective insulation, allows sunken screws and spring elements to be accessed and actuated

Single-pole voltage tester  
16-piece set

05003484001	
●	817 VDE 1 x 9x102
⊕	KK 62 iS 1 x PH 1x154; 1 x PH 2x154
⊕	KK 65 iS PZ 1 x PZ 1x154; 1 x PZ 2x154
⊕	KK 65 iS PZ/S 1 x # 1x154; 1 x # 2x154
⊕	KK 67 i TORX® 1 x TX 10x154
⊕	KK 67 iS 1 x TX 15x154; 1 x TX 20x154; 1 x TX 25x154 TORX®
●	KK 60 i 1 x 0,4x2,5x154
●	KK 60 iS 1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154
●	247 1 x 0,5x3,0x70

Product not available in the USA and Canada.

### Kraftform Kompakt VDE 60 i/7



1 Kraftform handle 817 VDE for Wera interchangeable blades only

VDE interchangeable blades (each 154 mm long)

7-piece set

05003470001	
●	817 VDE 1 x 9x102
⊕	KK 62 i 1 x PH 1x154; 1 x PH 2x154
●	KK 60 i 1 x 0,4x2,5x154; 1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154

### Kraftform Kompakt VDE 60 i/68 i/7



1 Kraftform handle 817 VDE for Wera VDE interchangeable blades only

VDE interchangeable blades (each 154 mm long)

7-piece set

05003473001	
●	817 VDE 1 x 9x102
⊕	KK 62 i 1 x PH 1x154; 1 x PH 2x154
●	KK 60 i 1 x 0,6x3,5x154; 1 x 1,0x5,5x154
○	KK 68 i 1 x # 1x154; 1 x # 2x154

### Kraftform Kompakt VDE 60 i/65 i/7



1 Kraftform handle 817 VDE for Wera interchangeable blades only

VDE interchangeable blades (each 154 mm long)

7-piece set

05003472001	
●	817 VDE 1 x 9x102
⊕	KK 65 i PZ 1 x PZ 1x154; 1 x PZ 2x154
●	KK 60 i 1 x 0,4x2,5x154; 1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154

### Folding pouch for 18-piece Kraftform Kompakt VDE sets, empty



	mm	mm	mm	mm	mm	mm
05671388001	180,0	110,0				

# Kraftform Kompakt VDE

## Versatile tools for work on live wiring

### Series 7400 VDE Kraftform adjustable torque handle (0.3-3.5 Nm)



**Application:** For Wera interchangeable Kraftform Kompakt VDE blades only

**Accuracy:** ±6 % (DIN EN ISO 6789). Numerical torque value scale, audible excess-load signal

**Handle:** Kraftform with non-roll feature, multi-component

		mm	Nm	Nm	mm	"
05074752001	7440 VDE	9	0,3-1,2	0,05	192	7 9/16"
05074750001	7441 VDE	9	1,2-3,0	0,10	192	7 9/16"
05074757001	7444 VDE	9	1,7-3,5	0,10	192	7 9/16"

### 817 VDE Kraftform blade-holding handle



**Application:** For Wera interchangeable VDE blades only

**Handle:** Kraftform with non-roll feature, multi-component

	mm	mm
05003990001	9	102

### Kraftform Kompakt VDE 60 i



**Application:** Slotted screws

**Blade:** Insulated, individually tested as per IEC 60900

**Drive:** 9 mm hexagonal with entry chamfer

**Design:** Conical blade, zinc-phosphated, Black Point

	mm	mm	mm	"	"
05003400001	0,4	2,5	154	3/32"	6 1/16"
05003401001	0,5	3,0	154	1/8"	6 1/16"
05003402001	0,6	3,5	154	9/64"	6 1/16"
05003403001	0,8	4,0	154	5/32"	6 1/16"
05003404001	1,0	5,5	154	7/32"	6 1/16"
05003405001	1,2	6,5	154	1/4"	6 1/16"

### Kraftform Kompakt VDE 60 iS



**Application:** Slotted screws

**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken screws and spring elements to be accessed and actuated, individually tested as per IEC 60900

**Drive:** 9 mm hexagonal with entry chamfer

**Design:** Conical blade, zinc-phosphated, Black Point

	mm	mm	mm	"	"
05003406001	0,6	3,5	154	9/64"	6 1/16"
05003407001	0,8	4,0	154	5/32"	6 1/16"
05003408001	1,0	5,5	154	7/32"	6 1/16"

### Kraftform Kompakt VDE 62 i



**Application:** Phillips screws

**Blade:** Insulated, individually tested as per IEC 60900

**Drive:** 9 mm hexagonal with entry chamfer

**Design:** Zinc-phosphated, Black Point

		mm	"
05003410001	PH 0	154	6 1/16"
05003411001	PH 1	154	6 1/16"
05003412001	PH 2	154	6 1/16"

### Kraftform Kompakt VDE 62 iS



- Application:** Phillips screws
- Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PH screws to be accessed and actuated, individually tested as per IEC 60900
- Drive:** 9 mm hexagonal with entry chamfer
- Design:** Zinc-phosphated, Black Point

		mm	mm
05003413001	PH 1	154	6 1/16"
05003414001	PH 2	154	6 1/16"

### Kraftform Kompakt VDE 65 i



- Application:** Pozidriv screws
- Blade:** Insulated, individually tested as per IEC 60900
- Drive:** 9 mm hexagonal with entry chamfer
- Design:** Zinc-phosphated, Black Point

		mm	mm
05003450001	PZ 0	154	6 1/16"
05003451001	PZ 1	154	6 1/16"
05003452001	PZ 2	154	6 1/16"

### Kraftform Kompakt VDE 65 iS



- Application:** Pozidriv screws
- Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PZ screws to be accessed and actuated, individually tested as per IEC 60900
- Drive:** 9 mm hexagonal with entry chamfer
- Design:** Zinc-phosphated, Black Point

		mm	mm
05003455001	PZ 1	154	6 1/16"
05003456001	PZ 2	154	6 1/16"

## Tip



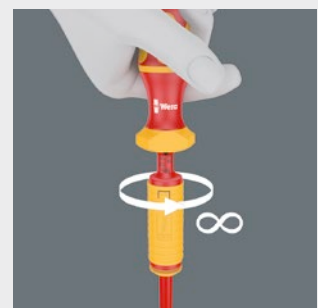
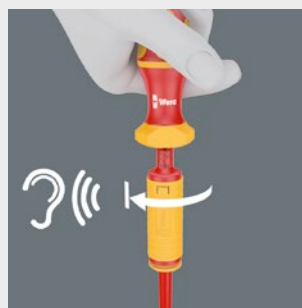
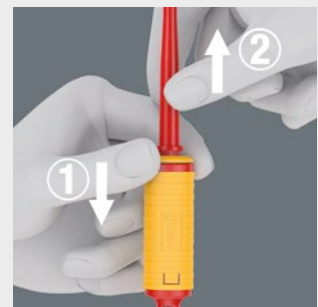
### Kraftform VDE adjustable torque handle



Simple setting of the required torque by hand.

Easy-to-read scale value. Measurement accuracy is  $\pm 6\%$  in accordance with the standard EN ISO 6789.

Distinctly audible and noticeable excess-load signal when the pre-set torque is reached.



# Kraftform Kompakt VDE

## Versatile tools for work on live wiring

### Kraftform Kompakt VDE 62 i PH/S



- Application:** PlusMinus screws, slotted/Phillips  
**Blade:** Insulated, individually tested as per IEC 60900  
**Drive:** 9 mm hexagonal with entry chamfer  
**Design:** PlusMinus, slotted/Phillips, zinc-phosphated, Black Point

		mm	
05003440001	# 1	154	6 1/16" "
05003441001	# 2	154	6 1/16" "

### Kraftform Kompakt VDE 62 iS PH/S



- Application:** PlusMinus screws, slotted/Phillips  
**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PlusMinus screws to be accessed and actuated, individually tested as per IEC 60900  
**Drive:** 9 mm hexagonal with entry chamfer  
**Design:** PlusMinus, slotted/Phillips, zinc-phosphated, Black Point

		mm	
05003442001	# 1	154	6 1/16" "
05003443001	# 2	154	6 1/16" "

### Kraftform Kompakt VDE 65 i PZ/S



- Application:** PlusMinus screws, slotted/Pozidriv  
**Blade:** Insulated, individually tested as per IEC 60900  
**Drive:** 9 mm hexagonal with entry chamfer  
**Design:** PlusMinus, slotted/Pozidriv, zinc-phosphated, Black Point

		mm	
05003445001	# 1	154	6 1/16" "
05003446001	# 2	154	6 1/16" "

### Kraftform Kompakt VDE 65 iS PZ/S



- Application:** PlusMinus screws, slotted/Pozidriv  
**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken PlusMinus screws to be accessed and actuated, individually tested as per IEC 60900  
**Drive:** 9 mm hexagonal with entry chamfer  
**Design:** PlusMinus, slotted/Pozidriv, zinc-phosphated, Black Point

		mm	
05003447001	# 1	154	6 1/16" "
05003448001	# 2	154	6 1/16" "

### Kraftform Kompakt VDE 67 i TORX®



- Application:** TORX® socket screws  
**Blade:** Insulated, individually tested as per IEC 60900  
**Drive:** 9 mm hexagonal with entry chamfer  
**Design:** Zinc-phosphated, Black Point

		mm	
05003430001	TX 9	154	6 1/16" "
05003431001	TX 10	154	6 1/16" "
05003432001	TX 15	154	6 1/16" "
05003433001	TX 20	154	6 1/16" "
05003434001	TX 25	154	6 1/16" "
05003435001	TX 27	154	6 1/16" "
05003436001	TX 30	154	6 1/16" "

### Kraftform Kompakt VDE 67 iS TORX®






**Application:** TORX® socket screws

**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken TORX® socket screws to be accessed and actuated, individually tested as per IEC 60900

**Drive:** 9 mm hexagonal with entry chamfer

**Design:** Zinc-phosphated, Black Point

		 mm	 mm
05003437001	TX 15	154	6 1/16"
05003438001	TX 20	154	6 1/16"
05003439001	TX 25	154	6 1/16"

### Kraftform Kompakt VDE 68 iS






**Application:** Square socket head screws

**Blade:** Reduced blade diameter with integrated protective insulation, allows sunken square socket head screws to be accessed and actuated, individually tested as per IEC 60900

**Drive:** 9 mm hexagonal with entry chamfer

**Design:** Zinc-phosphated, Black Point

		 mm	 mm
05003417001	# 1	154	6 1/16"
05003418001	# 2	154	6 1/16"

### Kraftform Kompakt VDE 68 i






**Application:** Square socket head screws

**Blade:** Insulated, individually tested as per IEC 60900

**Drive:** 9 mm hexagonal with entry chamfer

**Design:** Zinc-phosphated, Black Point

		 mm	 mm
05003415001	# 1	154	6 1/16"
05003416001	# 2	154	6 1/16"

### Kraftform Kompakt VDE 64 i






**Application:** Hexagon socket screws

**Blade:** Insulated, individually tested as per IEC 60900

**Drive:** 9 mm hexagonal with entry chamfer

**Design:** Zinc-phosphated, Black Point

		 mm	 mm
05003420001	2,5	154	6 1/16"
05003421001	3,0	154	6 1/16"
05003422001	4,0	154	6 1/16"
05003423001	5,0	154	6 1/16"
05003424001	6,0	154	6 1/16"




# Kraftform Kompakt VDE

## Versatile tools for work on live wiring

### Kraftform Kompakt 96 VK 6,3






Switch cabinet key, 6.3 mm, glass-fibre reinforced

			
	mm	mm	"
05003460001	6,3	89	3 <sup>9</sup> / <sub>16</sub> "

### Kraftform Kompakt 99 FL






Switch cabinet key, glass-fibre reinforced

			
		mm	"
05003463001		89	3 <sup>9</sup> / <sub>16</sub> "

### Kraftform Kompakt 97 VK 8,1






Switch cabinet key, 8.1 mm, glass-fibre reinforced

			
	mm	mm	"
05003461001	8,1	89	3 <sup>9</sup> / <sub>16</sub> "

### Kraftform Kompakt 98 DK



Switch cabinet key, glass-fibre reinforced

			
		mm	"
05003462001		89	3 <sup>9</sup> / <sub>16</sub> "



ALPHA SPOT

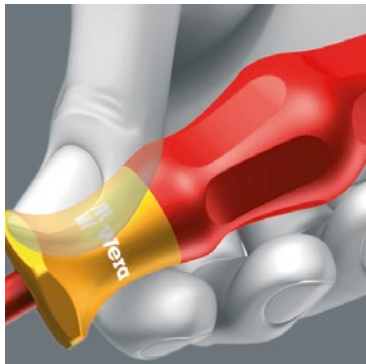
# Kraftform Comfort VDE Screwdrivers

The ergonomic introduction to convenient screwdriving.

Handle with Kraftform geometry and blade made from power bit material with Black Point tip for precise fit – and they are even VDE-tested, too.



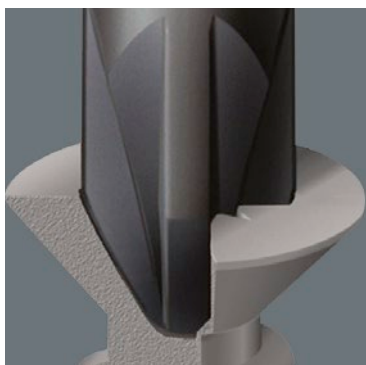
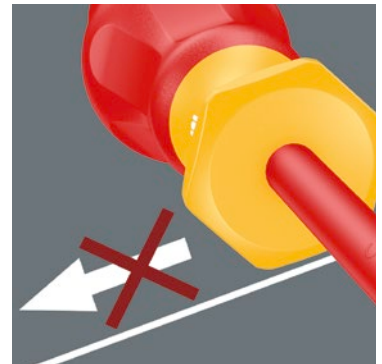
Multi-component Kraftform handle, for quick and low-exertion working.



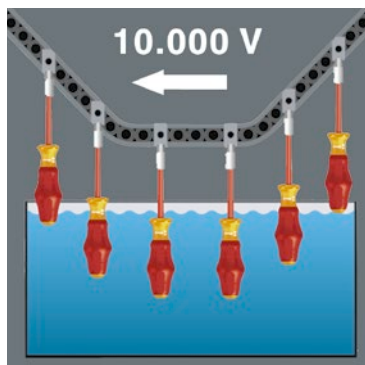
Screw symbol and tip size identification markings on the handle make it easier to find the right screwdriver in the tool case or at the workplace.



Hexagonal non-roll feature prevents any annoying rolling away at the workplace.



Wera Black Point tips and a refined hardening process ensure long service life of the tip, improved corrosion protection and an exact fit.



VDE tools: The individual testing in a water bath at 10,000 volts, in accordance with IEC 60900, ensures safe working under a load of up to 1,000 volts.



# Kraftform Comfort VDE

Convenient, safe, good!

## 1160 i VDE Insulated screwdriver for slotted screws









**Application:** Slotted screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Conical tip, chrome-plated, Black Point

**Handle:** Kraftform Comfort with non-roll feature, multi-component

						
	mm	mm	mm	mm	"	"
05031580001	0,4	2,5	80	81	3/32"	3 1/8"
05031581001	0,5	3,0	100	81	1/8"	4"
05031582001	0,6	3,5	100	81	9/64"	4"
05031583001	0,8	4,0	100	98	5/32"	4"
05031584001	0,8	4,0	150	98	5/32"	6"
05031587001	1,0	5,5	125	98	7/32"	5"
05031585001	1,0	5,5	200	98	7/32"	8"
05031588001	1,2	6,5	150	105	1/4"	6"
05031589001	1,2	8,0	175	112	5/16"	7"

## 1162 i PH VDE Insulated screwdriver for Phillips screws







**Application:** Phillips screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Chrome-plated, Black Point

**Handle:** Kraftform Comfort with non-roll feature, multi-component

				
		mm	mm	"
05031600001	PH 0	80	81	3 1/8"
05031601001	PH 1	80	98	3 1/8"
05031602001	PH 1	150	98	6"
05031603001	PH 2	100	105	4"
05031604001	PH 2	200	105	8"
05031605001	PH 3	150	112	6"

## 1165 i PZ VDE Insulated screwdriver for Pozidriv screws







**Application:** Suitable for Pozidriv screws

**Blade:** Insulated, individually tested as per IEC 60900

**Design:** Chrome-plated, Black Point

**Handle:** Kraftform Comfort with non-roll feature, multi-component





				
		mm	mm	"
05031610001	PZ 0	80	81	3 1/8"
05031611001	PZ 1	80	98	3 1/8"
05031613001	PZ 2	100	105	4"
05031615001	PZ 3	150	112	6"

## 1160 i/7 Safety screwdriver set Kraftform Comfort VDE and voltage tester



**Application:** Slotted and Phillips screws

**Content:** 7-piece set in display carton

05031575001		
		1162 i PH VDE 1 x PH 1x80; 1 x PH 2x100
		1160 i VDE 1 x 0,4x2,5x80; 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
		4115 1 x 0,5x3,0x65

Product not available in the USA and Canada.

## 1160 i/1165 i/7 Screwdriver set Kraftform Comfort VDE and voltage tester



**Application:** Slotted and Pozidriv screws

**Content:** 7-piece set in display carton

05031576001	
	<b>1165 i PZ VDE</b> 1 x PZ 1x80; 1 x PZ 2x100
	<b>1160 i VDE</b> 1 x 0,4x2,5x80; 1 x 0,6x3,5x100; 1 x 0,8x4,0x100; 1 x 1,0x5,5x125
	<b>4115</b> 1 x 0,5x3,0x65

Product not available in the USA and Canada.



# ESD Tools

When doing screwdriving jobs on electronic components (like e.g. smartphones and tablet PCs), there should be no electrostatic discharge as this could cause malfunctions and a complete failure.

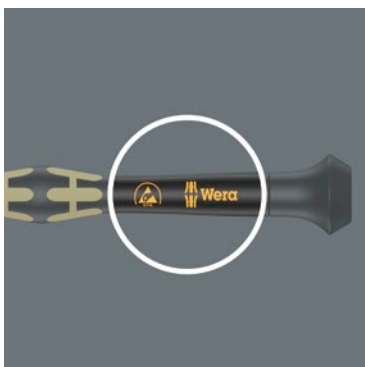
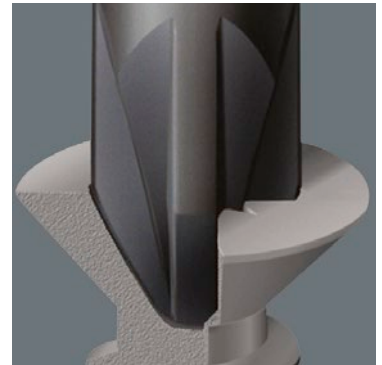
Therefore, tools that are secure against electrostatic discharge are indispensable.



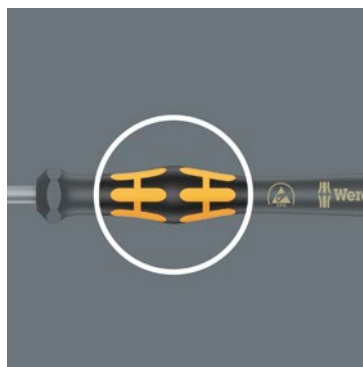
The requirements for ESD-safe screwdrivers are specified in the European standard DIN EN 61340-5-1. This standard also includes a handle that has to be out of a defined conductive material. The Wera products in the ESD series satisfy these standards and the even more stringent requirements demanded by some technology companies.

The electric surface resistance of the Wera ESD material is  $\leq 10^9$  ohm. This securely protects components against electrostatic energy and associated damage.

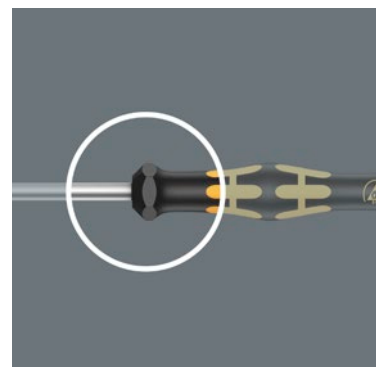
Wera Black Point tips and a refined hardening process ensure long service life of the tip, improved corrosion protection and an exact fit.



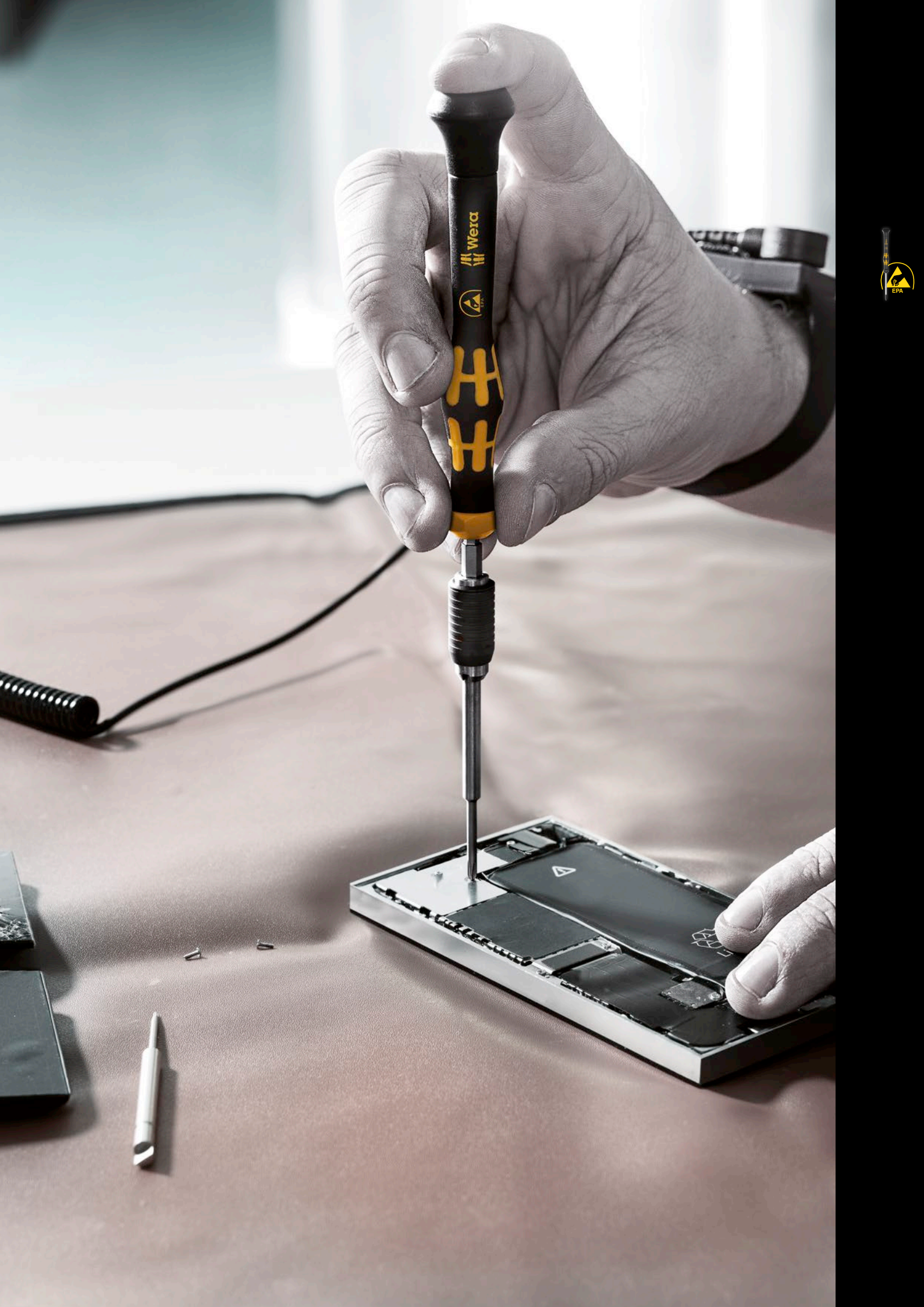
The fast-turning zone just below the rotating allows rapid twisting.



The power zone has integrated soft zones near the blade tip to ensure high torque transfer for loosening or tightening screws without losing contact with the screw.



The precision zone directly above the blade gives the user a better feel for the right rotation angle during fine adjustment work.










# ESD Series

## ESD-safe tools

### 1578 A Kraftform Micro screwdriver for slotted screws








- Application:** Slotted screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

							
	mm	mm	mm	mm	mm	"	"
05030101001	0,23	1,5	40	97	2,5	1/16"	1 9/16"
05030100001	0,25	1,2	40	97	2,5	0,05"	1 9/16"
05030102001	0,30	1,8	60	97	2,5	0,07"	2 3/8"
05030103001	0,40	2,0	60	97	2,5	5/64"	2 3/8"
05030104001	0,40	2,5	80	97	2,5	3/32"	3 1/8"
05030105001	0,50	3,0	80	97	3,0	1/8"	3 1/8"
05030106001	0,60	3,5	80	97	4,0	9/64"	3 1/8"
05030107001	0,80	4,0	80	97	4,0	5/32"	3 1/8"

### 1550 PH Kraftform Micro screwdriver for Phillips screws








- Application:** Phillips screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

					
	"	mm	mm	mm	"
05030110001	PH 00	60	97	2,5	2 3/8"
05030111001	PH 0	60	97	3,0	2 3/8"
05030112001	PH 1	80	97	4,0	3 1/8"

### 1555 PZ Kraftform Micro screwdriver for Pozidriv screws








- Application:** Suitable for Pozidriv screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

					
	"	mm	mm	mm	"
05030115001	PZ 0	60	97	3,0	2 3/8"
05030116001	PZ 1	80	97	4,0	3 1/8"

### 1567 TORX® HF Kraftform Micro screwdriver with holding function for TORX® screws



- Application:** TORX® socket screws  
**Blade:** Round  
**Design:** Holding function for TORX® screws made according to Acument Intellectual Properties specifications, chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

					
	"	mm	mm	mm	"
05030400001	TX 4	40	97	2,5	1 9/16"
05030401001	TX 5	40	97	3,0	1 9/16"
05030402001	TX 6	40	97	3,0	1 9/16"
05030403001	TX 7	60	97	3,0	2 3/8"
05030404001	TX 8	60	97	3,0	2 3/8"
05030405001	TX 9	60	97	4,0	2 3/8"
05030406001	TX 10	60	97	4,0	2 3/8"

**1567 TORX® Kraftform Micro screwdriver for TORX® screws**



**Application:** TORX® socket screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		mm	mm	mm	"
05030120001	TX 4	40	97	2,5	1 9/16"
05030121001	TX 5	40	97	3,0	1 9/16"
05030122001	TX 6	40	97	3,0	1 9/16"

**1567 TORX® BO Screwdriver for tamper-proof TORX® screws**



**Application:** TORX® socket screws with safety pin (BO = with bore hole)  
**Blade:** Round  
**Design:** Bore hole in TORX® section, chrome-plated, Black Point  
**Handle:** Kraftform with non-roll feature, single-component

		mm	mm	mm	"
05030131001	TX 10	80	81	4,0	3 1/8"
05030127001	TX 15	80	98	4,0	3 1/8"
05030128001	TX 20	100	98	4,5	4"
05030129001	TX 25	100	98	5,0	4"
05030130001	TX 30	115	98	6,0	4 9/16"

**Tip**

**Rotating cap and fast-turning zone**



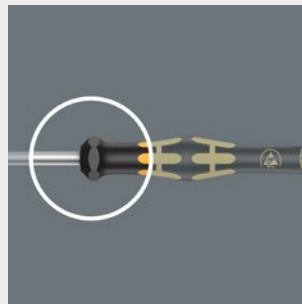
The fast-turning zone just below the rotating cap allow rapid twisting. This makes time-consuming grip adjustments as with other conventional precision screwdrivers unnecessary.

**The power zone**



The power zone has integrated soft zones near the blade tip to ensure high torque transfer for loosening or tightening screws without losing contact with the screw.

**The precision zone**



The precision zone directly above the blade gives the user a better feel for the right rotation angle during fine adjustment work.








# ESD Series

## ESD-safe tools

### 1572 ESD Kraftform Micro screwdriver for Microstix screws








**Application:** Microstix socket screws  
**Blade:** Round  
**Design:** Chrome-plated, Black Point  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		 mm	 mm	 mm	 "
05030080001	m	40	97	2,5	1 <sup>9</sup> / <sub>16</sub> "
05030081001	00	40	97	2,5	1 <sup>9</sup> / <sub>16</sub> "
05030082001	F	40	97	2,5	1 <sup>9</sup> / <sub>16</sub> "
05030083001	0	40	97	2,5	1 <sup>9</sup> / <sub>16</sub> "
05030084001	1	40	97	2,5	1 <sup>9</sup> / <sub>16</sub> "

### 1569 ESD Nutdriver






**Application:** Hexagon headed bolts, screws and nuts  
**Blade:** Round  
**Design:** Chrome-plated  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

		 mm	 mm	 mm	 "
05030410001	1,5	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030411001	1,8	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030412001	2,0	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030413001	2,5	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030414001	3,0	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030415001	3,2	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030416001	3,5	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030417001	4,0	60	97	5,7	2 <sup>3</sup> / <sub>8</sub> "
05030418001	4,5	60	97	6,4	2 <sup>3</sup> / <sub>8</sub> "
05030150001	5,0	60	97	7,0	2 <sup>3</sup> / <sub>8</sub> "
05030151001	5,5	60	97	7,8	2 <sup>3</sup> / <sub>8</sub> "

### 1578 A/6 ESD Screwdriver set and rack for electronic applications



**Application:** Slotted and Phillips screws  
**Content:** 6-piece set and rack in display carton




	
05030170001	
	1550 PH Micro 1 x PH 0x60; 1 x PH 1x80
	1578 A Micro 1 x 0,23x1,5x40; 1 x 0,25x1,2x40; 1 x 0,30x1,8x60; 1 x 0,40x2,5x80

### 1013 Kraftform Micro ESD bitholding screwdriver



**Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Serie 21)

**Design:** With quick-release chuck for rapid bit change  
**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

	 mm	 mm	 "
05300004001	23	97	1"

Bits of the Wera serie 9 and 21 can be found on pages 285, 314, 320, 322, 327, 334, 346 and 347.

## 816 R ESD bitholding screwdriver, non-magnetic



**Application:** Suitable for 1/4" DIN ISO 1173-C and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** 1/4" hexagon socket with Wera quick-release chuck and Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component

		mm
05051464001	1/4"	119

## 813 R ESD bitholding screwdriver, non-magnetic



**Application:** Suitable for 1/4" DIN ISO 1173-C and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** 1/4" hexagon socket with Wera quick-release chuck and Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component

		mm
05051273001	1/4"	90

## Tip

### Chuck-all



The Rapidaptor quick-release chucks hold both 1/4" bits as per DIN ISO 1173-C 6,3 (Wera series 1) and E 6,3 (Wera series 4).

### Single-hand



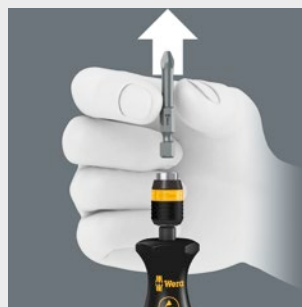
All functions of the quick-release chuck such as the inserting or releasing of bits can be done with just one hand. That is faster, more economic and ergonomic. There are no unnecessary manoeuvres.

### Rapid-in and self-lock



The bit can be pushed into the chuck without moving the sleeve. It automatically locks with a secure and wobble-free fit as soon as the bit is applied to the screw.

### Rapid-out



Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. Particularly helpful: even the smallest bits can be removed without any extra tools.



# ESD Series

## ESD-safe tools

### Kraftform Kompakt 60 ESD



Pouch with 89 mm bits

17-piece set

1 Kraftform bitholding screwdriver 816 R ESD with Rapidaptor quick-release chuck

05051043001	
●	816 R ESD 1 x 1/4"x119
+	851/4 Z PH 1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
+	855/4 Z PZ 1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
+	867/4 Z TORX® 1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89
○	840/4 Z Hex-Plus 1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89
●	800/4 Z 1 x 1,0x5,5x89

### Kraftform Kompakt Micro-Set ESD/20 SB



Pouch with 44 mm bits

20-piece set

1 Kraftform Micro ESD bitholding screwdriver

05073671001	
●	1013 Kraftform Micro ESD 1 x 97
+	851/9 C 1 x PH 00x44; 1 x PH 0x44; 1 x PH 1x44
+	867/9 C TORX® 1 x TX 1x44; 1 x TX 2x44; 1 x TX 3x44; 1 x TX 4x44; 1 x TX 5x44; 1 x TX 6x44
+	867/9 C TORX PLUS® 1 x 1 IPx44; 1 x 2 IPx44; 1 x 3 IPx44; 1 x 4 IPx44
○	840/9 C 1 x 1,5x44; 1 x 2,0x44
●	800/9 C 1 x 0,23x1,5x44; 1 x 0,40x2,0x44; 1 x 0,50x3,0x44
+	873/9 Five Lobe 1 x # 1x44

### Kraftform Kompakt Micro-Set ESD/11 SB



Pouch with 44 mm bits  
11-piece set  
1 Kraftform Micro ESD bitholding screwdriver

05073670001		
	1013 Kraftform Micro ESD	1 x 97
	851/9 C	1 x PH 00x44; 1 x PH 0x44; 1 x PH 1x44
	867/9 C TORX®	1 x TX 5x44; 1 x TX 6x44
	800/9 C	1 x 0,23x1,5x44; 1 x 0,40x2,0x44; 1 x 0,50x3,0x44
	840/9 C	1 x 1,5x44; 1 x 2,0x44

### 811/1 ESD bitholding screwdriver



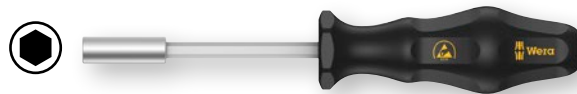
**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon socket bits and Wera Series 1

**Design:** Extra short, 1/4" hexagon insert bits with retaining ring

**Handle:** Kraftform, single-component

05051106001	1/4"	10	54	3/8"

### 810/1 ESD bitholding screwdriver with retaining ring



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** Hexagon

**Design:** 1/4" hexagon socket with retaining ring, chrome-plated

**Handle:** Kraftform with non-roll feature, single-component

05328463001	1/4"	100	112	4"



# Ratchets

## The Zyklop Ratchets, 1/4"



Zyklop Speed

**130**



Zyklop Metal Push

**136**



Zyklop Metal Switch

**138**



Zyklop Accessories

**140**

## The Zyklop Ratchets, 3/8"



Zyklop Speed

**146**



Zyklop Metal Push

**150**



Zyklop Metal Switch

**152**



Zyklop Accessories

**154**

## The Zyklop Ratchets, 1/2"



Zyklop Speed

**160**



Zyklop Hybrid

**164**



Zyklop Metal Push

**166**



Zyklop Metal Switch

**168**



Zyklop Accessories

**170**

## 1/2" Koloss ratchet with hammer function



**176**

## Zyklop Mini 1 & 2



**180**



# Wera ratchets

We simply could not believe that it was not possible to improve on existing standards for ratchets.

We took up the challenges confronting users when working with ratchets. Mostly, it is a question of working speed, confined working space and diverse functionality.

We did a lot of research, until we finally came up with suitable problem solutions that we can offer across the entire range.



## The Zyklop Speed Ratchet

The Wera Zyklop Speed ratchet combines the advantages of five different types of ratchet in one. And it is a really fast mover.

## The Zyklop Hybrid Ratchet

Combines robustness, slim design, and little weight.

## The Zyklop Ratchet Metal Push

Extremely slim. Long leverage. With push-through square.



### The Zyklop Ratchet Metal Switch

Extremely slim. Long leverage. With switch lever.



### The Koloss Ratchet

The heavy-duty ratchet that can also be safely used as a hammer.



### The Zyklop Mini Ratchets

For all difficult-to-access applications.

# Zyklop Speed ratchet

We just could not believe that it was not possible to make a ratchet work more quickly. Moreover, we did not like the way users had to apply many different types of ratchet to get a job done. We therefore questioned everything that was conventional about ratchets. The Zyklop Speed ratchet is what has emerged. The flywheel design of the Zyklop Speed ensures high working speeds. And: the Zyklop Speed combines the advantages of 5 types of ratchet in a single tool. Additionally, it can be used as a screwdriver.



The ratchet head pivots freely and can be locked into any position by using the slide switch that is positioned on either side. It is even possible to work in very confined and difficult-to-access areas with enhanced hand clearance. The pre-defined locking at 0°, 15° and 90°, both to the right and left, ensure safe working without any slipping of the ratchet head.

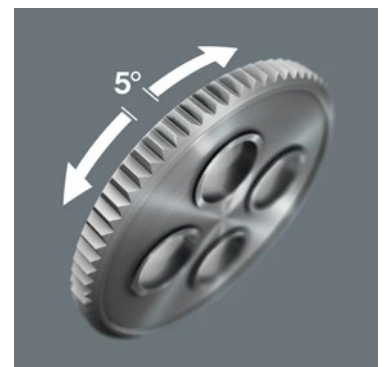
The Zyklop Speed ratchets are really fast movers. The gyrating mass design means that screwdriving is accelerated. The rotation-symmetric structure of the Kraftform handle and the free-turning sleeve reinforce this rapid twisting process, particularly when the ratchet does not engage due to too little resistance in the thread.



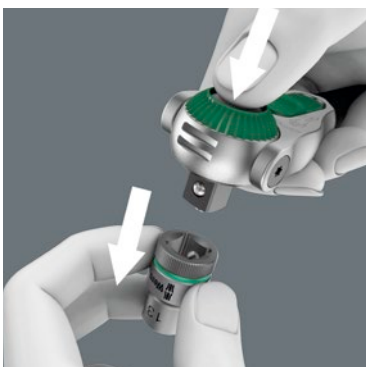
The outstanding design of the Kraftform handle fits perfectly into the hand, preventing hand injuries such as blisters and calluses. The hard materials used for the handle ensure quick and easy hand repositioning without any danger of the skin “sticking” to the handle, whilst the softer “anti-slip” zones enable the low-loss transfer of high forces – resulting in less screwdriving effort being required. The circular handle design allows rapid turning in the 0° position.



All Zyklop Speed ratchets feature a thumbwheel that can be used to quickly and easily switch between clockwise and anticlockwise rotation, at any position. No complicated handling, no loss of time!



The reversible ratchet with 72 fine-pitched teeth has a low return angle of only 5°. This short stroke allows fast and precise work in all types of installation.



The ball lock holds the sockets and attachments securely, ensuring safe working. A changeover into any predefined position is completed by simply pressing the release button – this is even the case in the 90° position.



The ratchet head has an ergonomic design with finger recesses that offer a perfect contact surface for the hand or fingers to turn the head.



The ratchet can be used as a conventional screwdriver in the 0° position by attaching a bitholding adaptor and a bit.

# Zyklop Hybrid ratchet

We wanted to integrate all the mostly-desired ratchet advantages in a single tool. Our idea was to develop a light ratchet with an ergonomic handle, slim design, long lever and an extension option.

Since the term “hybrid” refers to a combination from various sectors, it was quite easy to decide on the name.



The reversible ratchet with 72 finepitched teeth has a low return angle of only 5°. This short stroke allows fast and precise work in all types of installation.



The ball lock holds the sockets and attachments securely, ensuring safe working.



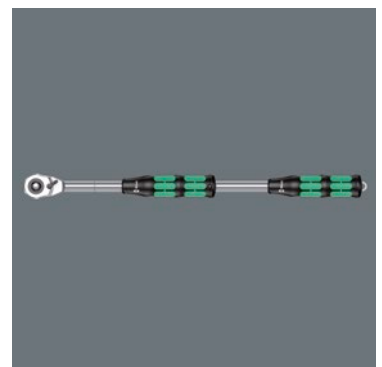
Multi-component Kraftform handle for optimum pressure and tensile loads.



Very slim ratchet head.



Larger overall length for higher torque transfer.



Even more torque can be applied by using the extension.



# Zyklop Metal ratchet

Due to the ever-more confined working environment, space is becoming more and more an issue for the application of ratchets. Our product developers therefore intensively occupied themselves with the issue of confined working spaces, and Wera has now solved this problem.

The extremely slim and robust Zyklop Metal ratchet with a long lever was what emerged. When the change in direction needs to be quick, the Zyklop Metal Switch ratchet is the right tool.

When the socket must not get lost and a coincidental change of direction has to be avoided at all cost, the Zyklop Metal Push is the correct choice.

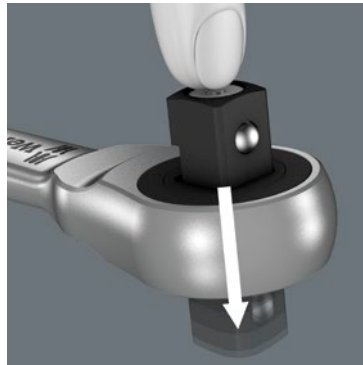


Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces.



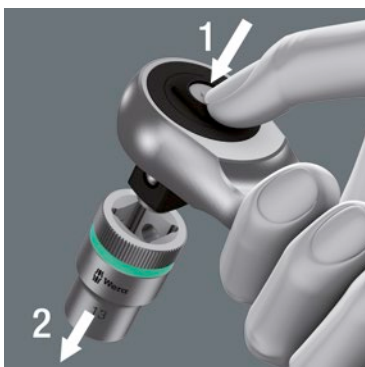
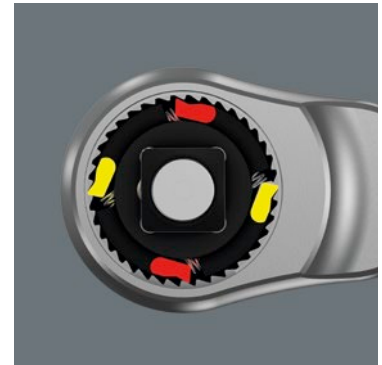
## Zyklop Metal Push

Smooth push-through mechanism, that cannot get lost.



## Zyklop Metal Push

The dual-ratchet-teeth design means that a 76 fine-toothed division can be achieved from the 38 robust teeth with a return angle of only 4.7°.



The ball lock holds the sockets and attachments securely, ensuring safe working.



**Zyklop Metal Switch**  
Switch lever for convenient change of direction.



**Zyklop Metal Switch**  
Fine-tooth mechanism with 72 teeth for a return angle of only 5°. This short stroke allows fast and precise work in all types of installation.

# Zyklop Accessories

We did not just want our creativity to end with the ratchets themselves so we also occupied ourselves intensively with ratchet accessories. That is why our users are now provided with an extension with freely spinning sleeve and flexible lock to enable more secure and more rapid screwdriving.

The sockets have been completely redesigned: we wanted to spare the user the need of having two different series – one for manual and the other for power tool applications.

And: we wanted to enormously simplify the task of finding the right sizes. Technically, our own ambitious goals represented a real challenge: to endow sockets with the advantage of the holding function on screwdrivers and bits. We succeeded in this!



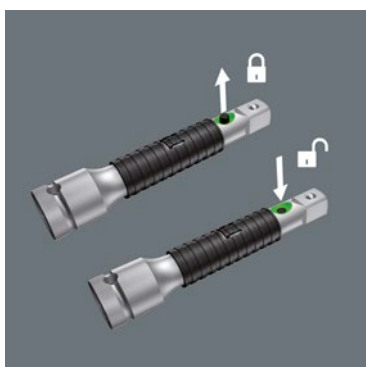
"Take it easy" tool finder system - with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX®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



The manual and machine sockets can be used both for hand and power tools use (non-impact). Users need just one socket set for all applications.



Zyklop sockets and bit sockets with holding function securely hold the screw on the tool. This is particularly helpful in difficult-to-access working spaces where the second hand cannot be used to hold the screw.



The extensions from the premium lines are also equipped with the unique “flexible-lock-system”. By activating this system, attachments can be fixed to the extension permanently – preventing slipping and any unintentional loss of the attachment. When the system is deactivated, the sockets can be attached as usual and changed in a flash.



The freely spinning sleeve on the Zyklop Speed and the Zyklop extension effectively accelerates the turning of screws and nuts.



COXIN COWL CLOSED

USLS  
100-1001010101010101

# Zyklop Ratchets, 1/4"



Zyklop Speed

**130**



Zyklop Metal Push

**136**



Zyklop Metal Switch

**138**



Zyklop Accessories

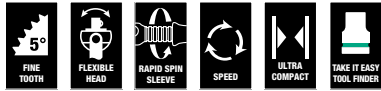
**140**



# The Zyklop Speed Ratchets, 1/4"

## Combine 5 types of ratchet

### 8100 SA 6 Zyklop Speed Ratchet Set, 1/4" drive, metric

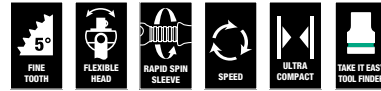


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Speed Ratchet with 1/4" drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 15 bits

05004016001		
○	8000 A	1 x 1/4"x152,0
●	8790 HMA	1 x 5,0x23,0; 1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 11,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
○	8794 LA	1 x 1/4"x150,0
○	8794 A	1 x 1/4"x56,0
○	8784 A1	1 x 1/4"x1/4"x37,0
+	851/4 TZ PH	1 x PH 1x50; 1 x PH 2x50; 1 x PH 3x50
+	855/4 TZ PZ	1 x PZ 1x50; 1 x PZ 2x50
+	867/4 Z TORX®	1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50; 1 x TX 27x50; 1 x TX 30x50
○	840/4 Z Hex-Plus	1 x 3,0x50; 1 x 4,0x50; 1 x 5,0x50; 1 x 6,0x50

### 8100 SA 9 Zyklop Speed Ratchet Set, 1/4" drive, imperial



28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Speed Ratchet with 1/4" drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 15 bits

05004019001		
○	8000 A	1 x 1/4"x152,0
●	8790 HMA	1 x 3/16"x23,0; 1 x 7/32"x23,0; 1 x 1/4"x23,0; 1 x 9/32"x23,0; 1 x 5/16"x23,0; 1 x 11/32"x23,0; 1 x 3/8"x23,0; 1 x 7/16"x23,0; 1 x 1/2"x23,0
○	8794 LA	1 x 1/4"x150,0
○	8794 A	1 x 1/4"x56,0
○	8784 A1	1 x 1/4"x1/4"x37,0
+	851/4 TZ PH	1 x PH 1x50; 1 x PH 2x50; 1 x PH 3x50
+	855/4 TZ PZ	1 x PZ 1x50; 1 x PZ 2x50
+	867/4 Z TORX®	1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50; 1 x TX 27x50; 1 x TX 30x50
○	840/4 Z Hex-Plus	1 x 5/32"x50; 1 x 3/16"x50; 1 x 7/32"x50; 1 x 1/4"x50

## Kraftform Kompakt Zyklop MS1 Metal/Speed 1/4"



8-piece set; in surface-protecting, compact textile box, highly robust; low volume and weight for simplified mobility.

1 Zyklop Speed ratchet with 1/4" drive, 1 Zyklop Metal ratchet with switch lever and 1/4" drive, 1 Zyklop extension (long) with rapid spin sleeve and "flexible-lock" system, 2 Zyklop extensions (short and long) with rapid spin sleeve, 1 adaptor with rapid change chuck, 1 wobble extension, 1 universal joint.

05135949001		
⊙	8000 A	1 x 1/4"x152,0
⊙	8004 A	1 x 1/4"x141,0
⊙⊙	8796 LA	1 x 1/4"x150,0
⊙⊙	8794 LA	1 x 1/4"x150,0
⊙⊙	8794 SA	1 x 1/4"x75,0
⊙⊙	8784 A1	1 x 1/4"x1/4"x37,0
⊙⊙	8794 A	1 x 1/4"x56,0
⊙⊙	8795 A	1 x 1/4"x35,5

## Tip

### Zyklop "6 in 1"



1. Fine-tooth ratchet
2. Flex-head ratchet
3. Angle ratchet
4. Quick-release ratchet
5. Power ratchet
6. Screwdriver

### New set concept



The textile boxes offer dramatically improved portability, and are space-saving to boot! This means you can now carry the same collection of tools, in a much more compact and comfortable package.



The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged.



TAKE IT EASY  
TOOL FINDER

### "Take it easy"

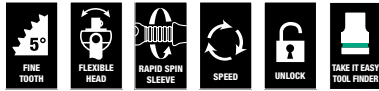


"Take it easy" tool finder system – with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX®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

# The Zyklop Speed Ratchets, 1/4"

## Combine 5 types of ratchet

### 8100 SA 2 Zyklop Speed Ratchet Set, 1/4" drive, metric

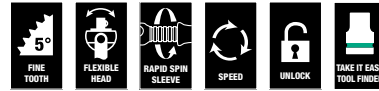


42-piece set in strong metal case

1 Zyklop ratchet with 1/4" drive, 13 Zyklop sockets (metric), 2 Zyklop "flexible-lock" extensions (short and long) with free-turning sleeve, 1 wobble extension, 1 sliding T-handle, 1 universal joint, 1 adaptor with quick-release chuck, 22 bits

05003533001		
⊙	8000 A	1 x 1/4"x152,0
⊙	8790 HMA	1 x 4,0x23,0; 1 x 4,5x23,0; 1 x 5,0x23,0; 1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 9,0x23,0; 1 x 10,0x23,0; 1 x 11,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0; 1 x 14,0x23,0
⊙	8789 A	1 x 1/4"x110,0
⊙	8794 A	1 x 1/4"x56,0
⊙	8795 A	1 x 1/4"x35,5
⊙	8784 A1	1 x 1/4"x1/4"x37,0
⊙	8796 SA	1 x 1/4"x75,0
⊙	8796 LA	1 x 1/4"x150,0
⊙	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25
⊙	867/1 Z TORX® B0	1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
⊙	800/1 Z	1 x 0,6x4,5x25; 1 x 1,0x5,5x25; 1 x 1,2x8,0x25
⊙	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
⊙	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25

### 8100 SA 4 Zyklop Speed Ratchet Set, 1/4" drive, imperial

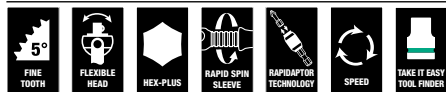


41-piece set in strong metal case

1 Zyklop ratchet with 1/4" drive, 10 Zyklop sockets (imperial), 2 Zyklop "flexible-lock" extensions (short and long) with free-turning sleeve, 1 wobble extension, 1 sliding T-handle, 1 universal joint, 1 adaptor with quick-release chuck, 24 bits

05003535001		
⊙	8000 A	1 x 1/4"x152,0
⊙	8790 HMA	1 x 3/16"x23,0; 1 x 7/32"x23,0; 1 x 1/4"x23,0; 1 x 9/32"x23,0; 1 x 5/16"x23,0; 1 x 11/32"x23,0; 1 x 3/8"x23,0; 1 x 7/16"x23,0; 1 x 1/2"x23,0; 1 x 9/16"x23,0
⊙	8789 A	1 x 1/4"x110,0
⊙	8794 A	1 x 1/4"x56,0
⊙	8795 A	1 x 1/4"x35,5
⊙	8784 A1	1 x 1/4"x1/4"x37,0
⊙	8796 SA	1 x 1/4"x75,0
⊙	8796 LA	1 x 1/4"x150,0
⊙	867/1 Z TORX® B0	1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
⊙	800/1 Z	1 x 0,6x4,5x25; 1 x 1,0x5,5x25; 1 x 1,2x8,0x25
⊙	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
⊙	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25
⊙	840/1 Z Hex-Plus	1 x 5/64"x25; 1 x 3/32"x25; 1 x 1/8"x25; 1 x 9/64"x25; 1 x 5/32"x25; 1 x 3/16"x25; 1 x 7/32"x25

## 8100 SA/SC 2 Zyklop Speed Ratchet Set, 1/4" drive and 1/2" drive, metric



43 piece set, in strong metal case

1 Zyklop ratchet with 1/4" drive, 1 Zyklop ratchet with 1/2" drive, 21 Zyklop sockets (metric), 2 Zyklop "flexible-lock" extensions (long) with freewheel sleeve, 1 adaptor with quick-release chuck, 1 Kraftform bitholding screwdriver with Rapidaptor quick-release chuck, 16 bits

05160785001	
●	8000 A 1 x 1/4"x152,0
●	8790 HMA 1 x 4,0x23,0; 1 x 4,5x23,0; 1 x 5,0x23,0; 1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 9,0x23,0; 1 x 10,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
●	8784 A1 1 x 1/4"x1/4"x37,0
●	8796 LA 1 x 1/4"x150,0
●	8000 C 1 x 1/2"x277,0
●	8790 HMC 1 x 13,0x37,0; 1 x 14,0x37,0; 1 x 15,0x37,0; 1 x 16,0x37,0; 1 x 17,0x37,0; 1 x 18,0x37,0; 1 x 19,0x37,0; 1 x 21,0x37,0; 1 x 22,0x37,0; 1 x 24,0x37,0
●	8796 LC 1 x 1/2"x250,0
●	816 R 1 x 1/4"x119
●	800/4 Z 1 x 1,0x5,5x89
●	840/4 Z 1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89 Hex-Plus
+	851/4 Z PH 1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
+	855/4 Z PZ 1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
+	867/4 Z TORX® 1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; BO 1 x TX 25x89; 1 x TX 30x89

## Tip

### How to notice missing tools more quickly

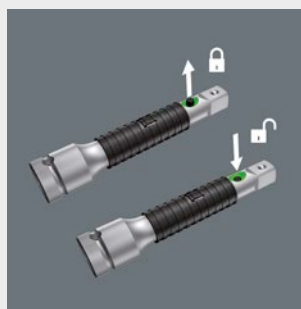


Perfectly conceived in every detail: the storage case for the Zyklop Speed ratchet sets! The two-tone foam insert section means that the tools can be quickly and reliably replaced, and that missing tools can be detected immediately. The tools and their position can be clearly seen in the lid where they have been laser-etched, ensuring

that they are legible even when the insert section is covered with grease, dirt or oil. Additionally, the foam section can be removed and placed in the drawer of a tool cabinet or trolley.



### "Flexible-lock-system"



The extensions from the premium lines are also equipped with the unique "flexible-lock-system". By activating this system, attachments can be fixed to the extension permanently – preventing slipping and any unintentional loss of the attachment. When the system is deactivated, the sockets can be attached as usual and changed in a flash.

### Is it also possible to reverse the drive with oily hands?

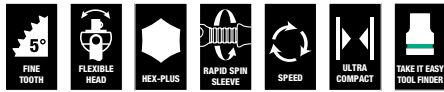


The thumbwheel is designed in such a way that it offers outstanding grip and can, therefore, even be operated with oily fingers.

# The Zyklop Speed Ratchets, 1/4"

Combine 5 types of ratchet

## Kraftform Kompakt Zyklop Speed



26-piece set in a belt pouch

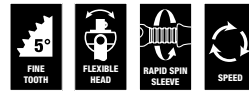
1 Zyklop Speed ratchet with 1/4" drive, 7 Zyklop sockets (metric), 1 Zyklop extension (long) with free-turning sleeve, 1 adaptor, 16 bits of 50 mm in length

Icon	Part Number	Description
⬤	05051045001	
⊙	8000 A	1 x 1/4"x152,0
⊙	8784 A1	1 x 1/4"x1/4"x37,0
⊙	8794 LA	1 x 1/4"x150,0
+	851/4 TZ PH	1 x PH 1x50; 1 x PH 2x50; 1 x PH 3x50
+	855/4 TZ PZ	1 x PZ 1x50; 1 x PZ 2x50
+	867/4 Z TORX®	1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50; 1 x TX 27x50; 1 x TX 30x50
⊖	800/4 Z	1 x 1,0x5,5x50
⊖	840/4 Z Hex-Plus	1 x 3,0x50; 1 x 4,0x50; 1 x 5,0x50; 1 x 6,0x50
⊙	8790 HMA	1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0



” To learn more about this product, scan the QR code. “

## 8000 A Zyklop Speed Ratchet with 1/4" drive



**Application:** 1/4" square sockets and 1/4" adaptors with square drive, equipped with ball lock

**Design:** Flywheel design and easy-to-grip free-turning sleeve for faster work, swivel ratchet head, defined lock positions at 0° and 90° to the left and right as well as at 15° before 90° inwards, at 0° it can be used like a conventional screwdriver, pushbutton release, left/right switchover, fine-tooth design, small return angle of 5°

**Handle:** Multi-component Kraftform handle ensures minimum fatigue

Icon	Part Number	Drive	Length (mm)
⬤	05003500001	1/4"	152,0

## 8000 A SB Zyklop Speed Ratchet with 1/4" drive

Icon	Part Number	Drive	Length (mm)
⬤	05073260001	1/4"	152,0





# The Zyklop Metal Ratchets Push, 1/4"

With push-through square

## 8100 SA 7 Zyklop Metal Ratchet Set with push-through square, 1/4" drive, metric



28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with push-through square and 1/4" drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 15 bits

05004017001	
8003 A	1 x 1/4"x141,0
8790 HMA	1 x 5,0x23,0; 1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 11,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
8794 LA	1 x 1/4"x150,0
8794 A	1 x 1/4"x56,0
8784 A1	1 x 1/4"x1/4"x37,0
851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25
840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

## 8100 SA 10 Zyklop Metal Ratchet Set with push-through square, 1/4" drive, imperial

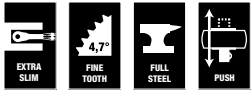


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with push-through square and 1/4" drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 15 bits

05004020001	
8003 A	1 x 1/4"x141,0
8790 HMA	1 x 3/16"x23,0; 1 x 7/32"x23,0; 1 x 1/4"x23,0; 1 x 9/32"x23,0; 1 x 5/16"x23,0; 1 x 11/32"x23,0; 1 x 3/8"x23,0; 1 x 7/16"x23,0; 1 x 1/2"x23,0
8794 LA	1 x 1/4"x150,0
8794 A	1 x 1/4"x56,0
8784 A1	1 x 1/4"x1/4"x37,0
851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25
840/1 Z Hex-Plus	1 x 5/32"x25; 1 x 3/16"x25; 1 x 7/32"x25; 1 x 1/4"x25

## 8003 A Zyklop Metal Ratchet with push-through square and 1/4" drive



**Application:** 1/4" square sockets as well as for 1/4" adaptors with square drive, with ball locking device

**Design:** Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces; the dual-ratchet-teeth design means that a 76 fine-toothing division can be achieved from the 38 robust teeth with a return angle of only 4.7°; simple direction change with the undetachable push-through square and very secure socket lock mechanism

	mm	mm	mm	
05004003001	1/4"	141,0	21	22



” To learn more about this product, scan the QR code. “

## Tip

### The Zyklop Metal Ratchets Push



Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces.

### Textile boxes



The textile boxes offer dramatically improved portability, and are space-saving to boot!

This means you can now carry the same collection of tools, in a much more compact and comfortable package. The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged. And: it leaves absolutely no signs of scratches on sensitive surfaces.



### “Take it easy”



“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® drive screws (L-Keys, Zyklop bit sockets).

# The Zyklop Metal Ratchets Switch, 1/4"

With switch lever

## 8100 SA 8 Zyklop Metal Ratchet Set with switch lever, 1/4" drive, metric



28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with switch lever and 1/4" drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 15 bits

05004018001	
○	8004 A 1 x 1/4"x141,0
●	8790 HMA 1 x 5,0x23,0; 1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 11,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
⊗	8794 LA 1 x 1/4"x150,0
⊗	8794 A 1 x 1/4"x56,0
⊗	8784 A1 1 x 1/4"x1/4"x37,0
+	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
+	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
⊕	867/1 Z TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25
○	840/1 Z Hex-Plus 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

## 8100 SA 11 Zyklop Metal Ratchet Set with switch lever, 1/4" drive, imperial

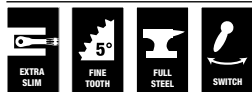


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with switch lever and 1/4" drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 15 bits

05004021001	
○	8004 A 1 x 1/4"x141,0
●	8790 HMA 1 x 3/16"x23,0; 1 x 7/32"x23,0; 1 x 1/4"x23,0; 1 x 9/32"x23,0; 1 x 5/16"x23,0; 1 x 11/32"x23,0; 1 x 3/8"x23,0; 1 x 7/16"x23,0; 1 x 1/2"x23,0
⊗	8794 LA 1 x 1/4"x150,0
⊗	8794 A 1 x 1/4"x56,0
⊗	8784 A1 1 x 1/4"x1/4"x37,0
+	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
+	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
⊕	867/1 Z TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25
○	840/1 Z Hex-Plus 1 x 5/32"x25; 1 x 3/16"x25; 1 x 7/32"x25; 1 x 1/4"x25

## 8004 A Zyklop Metal Ratchet with switch lever and 1/4" drive



**Application:** 1/4" square sockets as well as for 1/4" adaptors with square drive, with ball locking device

**Design:** Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces; fine-tooth mechanism with 72 teeth for a return angle of only 5°; switch lever for convenient change of direction; secure socket locking function

	mm	mm	mm	
05004004001	1/4"	141,0	19	22

## Tip

### The Zyklop Metal Ratchets Switch



Extremely slim. Long leverage. Very robust without any torque limitation. Forged, full metal ratchet out of chrome molybdenum.

### Textile boxes



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"Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).

# Zyklop accessories, 1/4"

The perfect add-on for all Zyklop ratchets

## 8790 HMA Zyklop 1/4" socket



**Application:** Hexagon headed bolts, screws and nuts

**Design:** Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, chrome vanadium, brushed chrome-plated finish. Take it easy toolfinder: Colour coding to enable the desired socket to be easily located.

	mm	mm	mm	mm	mm	mm
05003501001	4,0		23,0	6,9	13,0	10,0
05003502001	4,5		23,0	7,5	13,0	10,0
05003503001	5,0		23,0	8,2	13,0	10,0
05003504001	5,5		23,0	8,8	13,0	10,0
05003505001	6,0		23,0	9,4	13,0	10,0
05003506001	7,0		23,0	11,0	13,0	10,0
05003507001	8,0		23,0	12,0	13,0	10,0
05003508001	9,0		23,0	13,0	14,0	10,0
05003509001	10,0		23,0	14,5	14,5	-
05003510001	11,0		23,0	16,0	15,0	13,0
05003511001	12,0		23,0	17,0	16,0	13,0
05003512001	13,0		23,0	18,0	17,0	13,0
05003513001	14,0		23,0	20,0	18,0	13,0
05003514001		3/16"	23,0	7,5	13,0	10,0
05003515001		7/32"	23,0	8,8	13,0	10,0
05003516001		1/4"	23,0	11,0	13,0	10,0
05003517001		9/32"	23,0	11,0	13,0	10,0
05003518001		5/16"	23,0	12,0	13,0	10,0
05003519001		11/32"	23,0	13,0	14,0	10,0
05003520001		3/8"	23,0	14,5	14,5	-
05003521001		7/16"	23,0	16,0	15,0	13,0
05003522001		1/2"	23,0	18,0	17,0	13,0
05003523001		9/16"	23,0	20,0	18,0	13,0

## 8796 SA Zyklop "flexible-lock" extension with free-turning sleeve, short, 1/4"



**Application:** 1/4" square drive sockets with ball lock

**Design:** Flexible-lock-system either for permanent interlocking or fast change of accessories, free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish

	mm	
05003530001	1/4"	75,0

## 8796 LA Zyklop "flexible-lock" extension with free-turning sleeve, long, 1/4"



**Application:** 1/4" square drive sockets with ball lock

**Design:** Flexible-lock-system either for permanent interlocking or fast change of accessories, free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish




	mm	
05003531001	1/4"	150,0

### 8794 SA Zyklop extension with free-turning sleeve, short, 1/4"



**Application:** 1/4" square drive sockets with ball lock

**Design:** Easy-to-grip free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish




		 mm
05003525001	1/4"	75,0

### 8794 LA Zyklop extension with free-turning sleeve, long, 1/4"



**Application:** 1/4" square drive sockets with ball lock

**Design:** Easy-to-grip free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish




		 mm
05003526001	1/4"	150,0

### 8789 A Zyklop sliding T-handle, 1/4"



**Application:** 1/4" square drive sockets with ball lock

**Design:** Sliding drive, chrome vanadium, brushed chrome-plated finish

		 mm
05003524001	1/4"	110,0

## Tip

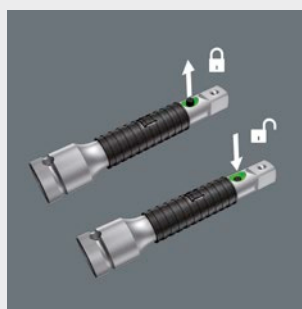
### How to avoid the need for two socket sets – one for manual and one for machine operations



The manual and machine sockets can be used both for hand and power tools use (non-impact). Users need just one socket set for all applications.



### "Flexible-lock-system"



The extensions from the premium lines are also equipped with the unique "flexible-lock-system". By activating this system, attachments can be fixed to the extension permanently – preventing slipping and any unintentional loss of the attachment. When the system is deactivated, the sockets can be attached as usual and changed in a flash.

### The free-turning sleeve



The free-turning sleeve effectively speeds up the tightening or loosening of screws and bolts.






### 8795 A Zyklop universal joint, 1/4"



**Application:** 1/4" square drive sockets with ball lock

**Design:** Chrome vanadium/chrome molybdenum, brushed chrome-plated finish




			mm
05003528001	1/4"	35,5	

### 8794 A Zyklop wobble extension, 1/4"



**Application:** 1/4" square drive sockets with ball lock

**Design:** Swivels through 15°, chrome vanadium, brushed chrome-plated finish





			mm
05003527001	1/4"	56,0	

### 8784 A1 Zyklop bit adaptor, 1/4"



**Application:** Suitable for 1/4" hex bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4

**Design:** Quick-release chuck for fast bit changes, chromium vanadium

				mm
05003529001	1/4"	1/4"	37,0	

## Tip

### How to work well in confined installation areas



The Zyklop wobble extensions pivot through 15° in all directions. This enables rapid and precise work in concealed or confined installation areas.





# Zyklop Ratchets, 3/8"



Zyklop Speed

**146**



Zyklop Metal Push

**150**



Zyklop Metal Switch

**152**



Zyklop Accessories

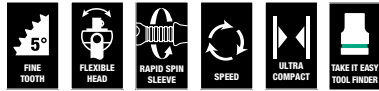
**154**



# The Zyklop Speed Ratchets, $\frac{3}{8}$ "

5 types of ratchet in 1 tool

## 8100 SB 6 Zyklop Speed Ratchet Set, $\frac{3}{8}$ " drive, metric

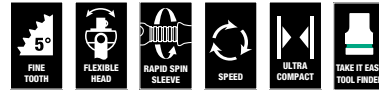


29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Speed Ratchet with  $\frac{3}{8}$ " drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 16 bits

05004046001	
⊙	8000 B 1 x 3/8"x199,0
⊙	8790 HMB 1 x 8,0x29,0; 1 x 10,0x29,0; 1 x 12,0x29,0; 1 x 13,0x29,0; 1 x 15,0x29,0; 1 x 16,0x30,0; 1 x 17,0x30,0; 1 x 18,0x30,0; 1 x 19,0x30,0
⊙	8794 LB 1 x 3/8"x200,0
⊙	8794 B 1 x 3/8"x76,0
⊙	8784 B1 1 x 1/4"x3/8"x44,0
+	851/4 TZ PH 1 x PH 1x50; 1 x PH 2x50; 1 x PH 3x50
+	855/4 TZ PZ 1 x PZ 1x50; 1 x PZ 2x50; 1 x PZ 3x50
⊗	867/4 Z TORX® 1 x TX 20x50; 1 x TX 25x50; 1 x TX 27x50; 1 x TX 30x50; 1 x TX 40x50
○	840/4 Z 1 x 4,0x50; 1 x 5,0x50; 1 x 6,0x50; 1 x 8,0x50
○	Hex-Plus
●	800/4 Z 1 x 1,0x5,5x50

## 8100 SB 9 Zyklop Speed Ratchet Set, $\frac{3}{8}$ " drive, imperial

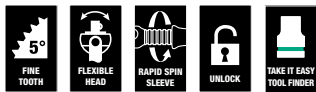


29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Speed Ratchet with  $\frac{3}{8}$ " drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 16 bits

05004049001	
⊙	8000 B 1 x 3/8"x199,0
⊙	8790 HMB 1 x 1/4"x29,0; 1 x 5/16"x29,0; 1 x 3/8"x29,0; 1 x 7/16"x29,0; 1 x 1/2"x29,0; 1 x 9/16"x29,0; 1 x 5/8"x30,0; 1 x 11/16"x30,0; 1 x 3/4"x30,0
⊙	8794 LB 1 x 3/8"x200,0
⊙	8794 B 1 x 3/8"x76,0
⊙	8784 B1 1 x 1/4"x3/8"x44,0
+	851/4 TZ PH 1 x PH 1x50; 1 x PH 2x50; 1 x PH 3x50
+	855/4 TZ PZ 1 x PZ 1x50; 1 x PZ 2x50; 1 x PZ 3x50
⊗	867/4 Z TORX® 1 x TX 20x50; 1 x TX 25x50; 1 x TX 27x50; 1 x TX 30x50; 1 x TX 40x50
○	840/4 Z 1 x 3/16"x50; 1 x 7/32"x50; 1 x 1/4"x50;
○	Hex-Plus 1 x 5/16"x50
●	800/4 Z 1 x 1,0x5,5x50

## 8100 SB 2 Zyklop Speed Ratchet Set, 3/8" drive, metric



43-piece set in strong metal case

1 Zyklop ratchet with 3/8" drive, 18 Zyklop sockets (metric), 2 Zyklop "flexible-lock" extensions (short and long) with free-turning sleeve, 1 sliding T-handle, 1 wobble extension, 1 universal joint, 1 adaptor with quick-release chuck, 18 bits

05003594001		
⊙	8000 B	1 x 3/8"x199,0
⊙	8790 HMB	1 x 6,0x29,0; 1 x 7,0x29,0; 1 x 8,0x29,0; 1 x 9,0x29,0; 1 x 10,0x29,0; 1 x 11,0x29,0; 1 x 12,0x29,0; 1 x 13,0x29,0; 1 x 14,0x29,0; 1 x 15,0x29,0; 1 x 16,0x30,0; 1 x 17,0x30,0; 1 x 18,0x30,0; 1 x 19,0x30,0; 1 x 20,0x30,0; 1 x 21,0x30,0; 1 x 22,0x30,0; 1 x 24,0x32,0
⊙	8789 B	1 x 3/8"x165,0
⊙	8794 B	1 x 3/8"x76,0
⊙	8795 B	1 x 3/8"x50,0
⊙	8784 B1	1 x 1/4"x3/8"x44,0
⊙	8796 SB	1 x 3/8"x125,0
⊙	8796 LB	1 x 3/8"x200,0
⊙	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25; 1 x 10,0x25
⊙	867/1 Z TORX® B0	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25; 1 x TX 40x25
⊙	800/1 Z	1 x 1,0x5,5x25
⊙	851/1 Z PH	1 x PH 2x25; 1 x PH 3x25
⊙	855/1 Z PZ	1 x PZ 2x25; 1 x PZ 3x25

## Tip

### Zyklop "6 in 1"



1. Fine-tooth ratchet
2. Flex-head ratchet
3. Angle ratchet
4. Quick-release ratchet
5. Power ratchet
6. Screwdriver

### Textile boxes



The textile boxes offer dramatically improved portability, and are space-saving to boot!

This means you can now carry the same collection of tools, in a much more compact and comfortable package. The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged. And: it leaves absolutely no signs of scratches on sensitive surfaces.



"Take it easy"

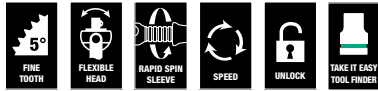


"Take it easy" tool finder system – with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX®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

# The Zyklop Speed Ratchets, $\frac{3}{8}$ "

5 types of ratchet in 1 tool

## 8100 SB 4 Zyklop Speed Ratchet Set, $\frac{3}{8}$ " drive, imperial

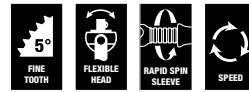


38-piece set in strong metal case

1 Zyklop ratchet with  $\frac{3}{8}$ " drive, 12 Zyklop sockets (imperial), 2 Zyklop "flexible-lock" extensions (short and long) with free-turning sleeve, 1 sliding T-handle, 1 wobble extension, 1 universal joint, 1 adaptor with quick-release chuck, 19 bits

05003596001		
●	8000 B	1 x $\frac{3}{8}$ "x199,0
●	8790 HMB	1 x $1\frac{1}{4}$ "x29,0; 1 x $5\frac{1}{16}$ "x29,0; 1 x $11\frac{3}{32}$ "x29,0; 1 x $\frac{3}{8}$ "x29,0; 1 x $7\frac{1}{16}$ "x29,0; 1 x $1\frac{1}{2}$ "x29,0; 1 x $9\frac{1}{16}$ "x29,0; 1 x $5\frac{5}{8}$ "x30,0; 1 x $11\frac{1}{16}$ "x30,0; 1 x $3\frac{3}{4}$ "x30,0; 1 x $13\frac{1}{16}$ "x30,0; 1 x $7\frac{7}{8}$ "x30,0
○	8789 B	1 x $\frac{3}{8}$ "x165,0
○	8794 B	1 x $\frac{3}{8}$ "x76,0
○	8795 B	1 x $\frac{3}{8}$ "x50,0
○	8784 B1	1 x $1\frac{1}{4}$ "x3/8"x44,0
○	8796 SB	1 x $\frac{3}{8}$ "x125,0
○	8796 LB	1 x $\frac{3}{8}$ "x200,0
⊕	867/1 Z TORX® B0	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25; 1 x TX 40x25
⊖	800/1 Z	1 x 1,0x5,5x25
⊕	851/1 Z PH	1 x PH 2x25; 1 x PH 3x25
⊕	855/1 Z PZ	1 x PZ 2x25; 1 x PZ 3x25
○	840/1 Z Hex-Plus	1 x $5\frac{1}{64}$ "x25; 1 x $3\frac{3}{32}$ "x25; 1 x $1\frac{1}{8}$ "x25; 1 x $9\frac{1}{64}$ "x25; 1 x $5\frac{1}{32}$ "x25; 1 x $3\frac{1}{16}$ "x25; 1 x $7\frac{1}{32}$ "x25

## 8000 B Zyklop Speed Ratchet with $\frac{3}{8}$ " drive



**Application:**  $\frac{3}{8}$ " square drive sockets and  $\frac{3}{8}$ " adaptors with square drive, equipped with ball lock

**Design:** Flywheel design and easy-to-grip free-turning sleeve for faster work, swivel ratchet head, defined lock positions at 0° and 90° to the left and right as well as at 15° before 90° inwards, at 0° it can be used like a conventional screwdriver, pushbutton release, left/right switchover, fine-tooth design, small return angle of 5°

**Handle:** Multi-component Kraftform handle ensures minimum fatigue

			mm
05003550001	$\frac{3}{8}$ "	199,0	

## 8000 B SB Zyklop Speed Ratchet with $\frac{3}{8}$ " drive

			4013288
05073261001	○ 1 x $\frac{3}{8}$ "x199,0	128041	





## Tip

### How to notice missing tools more quickly

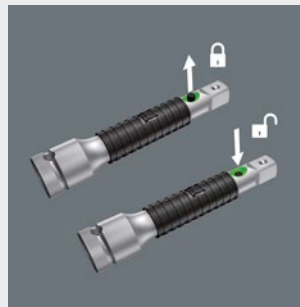


Perfectly conceived in every detail: the storage case for the Zyklop Speed ratchet sets! The two-tone foam insert section means that the tools can be quickly and reliably replaced, and that missing tools can be detected immediately. The tools and their position can be clearly seen in the lid where they have been laser-etched, ensuring

that they are legible even when the insert section is covered with grease, dirt or oil. Additionally, the foam section can be removed and placed in the drawer of a tool cabinet or trolley.



### “Flexible-lock-system”



The extensions from the premium lines are also equipped with the unique “flexible-lock-system”. By activating this system, attachments can be fixed to the extension permanently – preventing slipping and any unintentional loss of the attachment. When the system is deactivated, the sockets can be attached as usual and changed in a flash.

### Is it also possible to reverse the drive with oily hands?

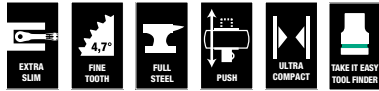


The thumbwheel is designed in such a way that it offers outstanding grip and can, therefore, even be operated with oily fingers.

# The Zyklop Metal Ratchets Push, $\frac{3}{8}$ "

With push-through square

## 8100 SB 7 Zyklop Metal Ratchet Set with push-through square, $\frac{3}{8}$ " drive, metric

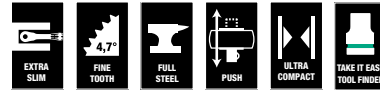


29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with  $\frac{3}{8}$ " drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 16 bits

05004047001	
8003 B	1 x 3/8"x222,0
8790 HMB	1 x 8,0x29,0; 1 x 10,0x29,0; 1 x 12,0x29,0; 1 x 13,0x29,0; 1 x 15,0x29,0; 1 x 16,0x30,0; 1 x 17,0x30,0; 1 x 18,0x30,0; 1 x 19,0x30,0
8794 LB	1 x 3/8"x200,0
8794 B	1 x 3/8"x76,0
8784 B1	1 x 1/4"x3/8"x44,0
851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
867/1 Z TORX®	1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25; 1 x TX 40x25
840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25

## 8100 SB 10 Zyklop Metal Ratchet Set with push-through square, $\frac{3}{8}$ " drive, imperial



29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with  $\frac{3}{8}$ " drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 16 bits

05004050001	
8003 B	1 x 3/8"x222,0
8790 HMB	1 x 1/4"x29,0; 1 x 5/16"x29,0; 1 x 3/8"x29,0; 1 x 7/16"x29,0; 1 x 1/2"x29,0; 1 x 9/16"x29,0; 1 x 5/8"x30,0; 1 x 11/16"x30,0; 1 x 3/4"x30,0
8794 LB	1 x 3/8"x200,0
8794 B	1 x 3/8"x76,0
8784 B1	1 x 1/4"x3/8"x44,0
851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
867/1 Z TORX®	1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25; 1 x TX 40x25
840/1 Z Hex-Plus	1 x 5/32"x25; 1 x 3/16"x25; 1 x 7/32"x25; 1 x 1/4"x25; 1 x 5/16"x25

## 8003 B Zyklop Metal Ratchet with push-through square and $\frac{3}{8}$ " drive



**Application:**  $\frac{3}{8}$ " square sockets as well as for  $\frac{3}{8}$ " adaptors with square drive, with ball locking device

**Design:** Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces; the dual-ratchet-teeth design means that a 76 fine-toothing division can be achieved from the 38 robust teeth with a return angle of only 4.7°; simple direction change with the undetachable push-through square and very secure socket lock mechanism

	mm	mm	mm	
05004033001	$\frac{3}{8}$ "	222,0	27	29

## Tip

### The Zyklop Metal Ratchets Push



Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces.

### Textile boxes



The textile boxes offer dramatically improved portability, and are space-saving to boot!

This means you can now carry the same collection of tools, in a much more compact and comfortable package. The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged. And: it leaves absolutely no signs of scratches on sensitive surfaces.



TAKE IT EASY  
TOOL FINDER

"Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).

# The Zyklop Metal Ratchets Switch, $\frac{3}{8}$ "

With switch lever

## 8100 SB 8 Zyklop Metal Ratchet Set with switch lever, $\frac{3}{8}$ " drive, metric

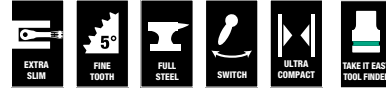


29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with  $\frac{3}{8}$ " drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 16 bits

05004048001		
○	8004 B	1 x 3/8"x222,0
●	8790 HMB	1 x 8,0x29,0; 1 x 10,0x29,0; 1 x 12,0x29,0; 1 x 13,0x29,0; 1 x 15,0x29,0; 1 x 16,0x30,0; 1 x 17,0x30,0; 1 x 18,0x30,0; 1 x 19,0x30,0
⊗	8794 LB	1 x 3/8"x200,0
⊗	8794 B	1 x 3/8"x76,0
⊗	8784 B1	1 x 1/4"x3/8"x44,0
+	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
+	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
⊗	867/1 Z TORX®	1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25; 1 x TX 40x25
○	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25

## 8100 SB 11 Zyklop Metal Ratchet Set with switch lever, $\frac{3}{8}$ " drive, imperial

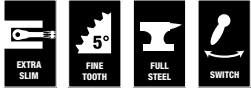


29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with  $\frac{3}{8}$ " drive, 9 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 16 bits

05004051001		
○	8004 B	1 x 3/8"x222,0
●	8790 HMB	1 x 1/4"x29,0; 1 x 5/16"x29,0; 1 x 3/8"x29,0; 1 x 7/16"x29,0; 1 x 1/2"x29,0; 1 x 9/16"x29,0; 1 x 5/8"x30,0; 1 x 11/16"x30,0; 1 x 3/4"x30,0
⊗	8794 LB	1 x 3/8"x200,0
⊗	8794 B	1 x 3/8"x76,0
⊗	8784 B1	1 x 1/4"x3/8"x44,0
+	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
+	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
⊗	867/1 Z TORX®	1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25; 1 x TX 40x25
○	840/1 Z Hex-Plus	1 x 5/32"x25; 1 x 3/16"x25; 1 x 7/32"x25; 1 x 1/4"x25; 1 x 5/16"x25

## 8004 B Zyklop Metal Ratchet with switch lever and $\frac{3}{8}$ " drive



**Application:**  $\frac{3}{8}$ " square sockets as well as for  $\frac{3}{8}$ " adaptors with square drive, with ball locking device

**Design:** Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces; fine-tooth mechanism with 72 teeth for a return angle of only 5°; switch lever for convenient change of direction; secure socket locking function

	mm	mm	mm	mm
05004034001	$\frac{3}{8}$ "	222,0	26	29

## Tip

### The Zyklop Metal Ratchets Switch



Extremely slim. Long leverage. Very robust without any torque limitation. Forged, full metal ratchet out of chrome molybdenum.

### Textile boxes



The textile boxes offer dramatically improved portability, and are space-saving to boot!

This means you can now carry the same collection of tools, in a much more compact and comfortable package. The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged. And: it leaves absolutely no signs of scratches on sensitive surfaces.



### "Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).

# Zyklop Accessories, $\frac{3}{8}$ "

The perfect add-on for all Zyklop ratchets

## 8790 HMB Zyklop $\frac{3}{8}$ " socket



**Application:** Hexagon headed bolts, screws and nuts

**Design:** Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, chrome vanadium, brushed chrome-plated finish  
Take it easy toolfinder: Colour coding to enable the desired socket to be easily located.

	mm	mm	mm	mm	mm	mm
05003551001	6,0		29,0	10,5	18,0	12,0
05003552001	7,0		29,0	11,0	18,0	12,0
05003553001	8,0		29,0	12,2	18,0	12,0
05003554001	9,0		29,0	13,5	18,0	12,0
05003555001	10,0		29,0	14,5	18,0	12,0
05003556001	11,0		29,0	16,0	18,0	12,0
05003557001	12,0		29,0	17,0	18,0	12,0
05003558001	13,0		29,0	18,5	20,0	12,0
05003559001	14,0		29,0	19,5	22,0	12,0
05003560001	15,0		29,0	21,0	24,0	12,0
05003561001	16,0		30,0	22,0	24,0	12,0
05003562001	17,0		30,0	23,5	24,0	12,0
05003563001	18,0		30,0	24,5	24,0	18,0
05003564001	19,0		30,0	26,0	24,0	18,0
05003565001	20,0		30,0	28,0	25,0	18,0
05003566001	21,0		30,0	28,0	25,0	18,0
05003567001	22,0		30,0	32,0	25,0	18,0
05003568001	24,0		32,0	32,0	25,0	20,0
05003569001		$\frac{1}{4}$ "	29,0	11,0	18,0	12,0
05003570001		$\frac{5}{16}$ "	29,0	12,2	18,0	12,0
05003571001		$\frac{11}{32}$ "	29,0	13,5	18,0	12,0
05003572001		$\frac{3}{8}$ "	29,0	14,5	18,0	12,0
05003573001		$\frac{7}{16}$ "	29,0	16,0	18,0	12,0
05003574001		$\frac{1}{2}$ "	29,0	18,5	20,0	12,0
05003575001		$\frac{9}{16}$ "	29,0	19,5	22,0	12,0
05003576001		$\frac{5}{8}$ "	30,0	22,0	24,0	12,0
05003577001		$\frac{11}{16}$ "	30,0	23,0	24,0	18,0
05003578001		$\frac{3}{4}$ "	30,0	26,0	24,0	18,0
05003579001		$\frac{13}{16}$ "	30,0	28,0	25,0	18,0
05003580001		$\frac{7}{8}$ "	30,0	32,0	25,0	18,0

## 8796 SB Zyklop "flexible-lock" extension with free-turning sleeve, short, $\frac{3}{8}$ "



**Application:**  $\frac{3}{8}$ " square drive sockets with ball lock

**Design:** Flexible-lock-system either for permanent interlocking or fast change of accessories, free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish

	mm	mm
05003591001	$\frac{3}{8}$ "	125,0

## 8796 LB Zyklop "flexible-lock" extension with free-turning sleeve, long, $\frac{3}{8}$ "



**Application:**  $\frac{3}{8}$ " square drive sockets with ball lock

**Design:** Flexible-lock-system either for permanent interlocking or fast change of accessories, free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish



	mm	mm
05003592001	$\frac{3}{8}$ "	200,0

**8794 SB Zyklop extension with free-turning sleeve, short, 3/8"**



**Application:** 3/8" square drive sockets with ball lock

**Design:** Easy-to-grip free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish



	 mm
05003582001	3/8" 125,0

**8794 LB Zyklop extension with free-turning sleeve, long, 3/8"**



**Application:** 3/8" square drive sockets with ball lock

**Design:** Easy-to-grip free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish

	 mm
05003583001	3/8" 200,0

# Tip

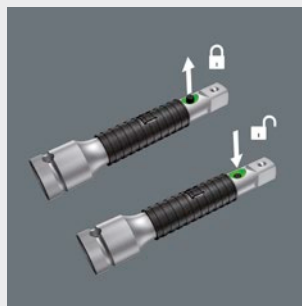
## How to avoid the need for two socket sets – one for manual and one for machine operations



The manual and machine sockets can be used both for hand and power tools use (non-impact). Users need just one socket set for all applications.



### "Flexible-lock-system"



The extensions from the premium lines are also equipped with the unique "flexible-lock-system". By activating this system, attachments can be fixed to the extension permanently – preventing slipping and any unintentional loss of the attachment. When the system is deactivated, the sockets can be attached as usual and changed in a flash.

### The free-turning sleeve



The free-turning sleeve effectively speeds up the tightening or loosening of screws and bolts.

# Zyklop accessories, $\frac{3}{8}$ "





The perfect add-on for all Zyklop ratchets

## 8784 B1 Zyklop bit adaptor, $\frac{3}{8}$ "



**Application:** Suitable for  $\frac{1}{4}$ " hex bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4

**Design:** Quick-release chuck for fast bit changes, chromium vanadium




				mm
05003590001	$\frac{1}{4}$ "	$\frac{3}{8}$ "		44,0

## 8789 B Zyklop sliding T-handle, $\frac{3}{8}$ "



**Application:**  $\frac{3}{8}$ " square drive sockets with ball lock

**Design:** Sliding drive, chrome vanadium, brushed chrome-plated finish




			mm
05003581001	$\frac{3}{8}$ "		165,0

## 8795 B Zyklop universal joint, $\frac{3}{8}$ "



**Application:**  $\frac{3}{8}$ " square drive sockets with ball lock

**Design:** Chrome vanadium/chrome molybdenum, brushed chrome-plated finish




			mm
05003585001	$\frac{3}{8}$ "		50,0

## 8794 B Zyklop wobble extension, $\frac{3}{8}$ "



**Application:**  $\frac{3}{8}$ " square drive sockets with ball lock







**Design:** Swivels through 15°, chrome vanadium, brushed chrome-plated finish

			mm
05003584001	$\frac{3}{8}$ "		76,0





# Zyklop Ratchets, 1/2"

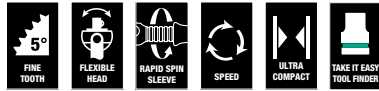
	Zyklop Speed	<b>160</b>
	Zyklop Hybrid Ratchet	<b>164</b>
	Zyklop Metal Push	<b>166</b>
	Zyklop Metal Switch	<b>168</b>
	Zyklop Accessories	<b>170</b>
	1/2" Koloss ratchet with hammer function	<b>176</b>



# The Zyklop Speed Ratchets, 1/2"

5 types of ratchet in 1 tool

## 8100 SC 6 Zyklop Speed Ratchet Set, 1/2" drive, metric

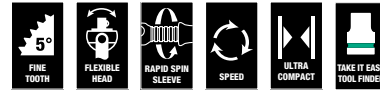


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Speed Ratchet with 1/2" drive, 10 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 14 bits

05004076001		
⊙	8000 C	1 x 1/2"x277,0
⊙	8790 HMC	1 x 10,0x37,0; 1 x 11,0x37,0; 1 x 12,0x37,0; 1 x 13,0x37,0; 1 x 14,0x37,0; 1 x 15,0x37,0; 1 x 16,0x37,0; 1 x 17,0x37,0; 1 x 18,0x37,0; 1 x 19,0x37,0
⊙	8794 LC	1 x 1/2"x250,0
⊙	8794 C	1 x 1/2"x52,0
⊙	8784 C2	1 x 5/16"x1/2"x50,0
+	851/2 Z PH	1 x PH 2x32; 1 x PH 3x32
+	855/2 Z PZ	1 x PZ 2x32; 1 x PZ 3x32
+	867/2 Z TORX®	1 x TX 20x35; 1 x TX 25x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35
○	840/2 Z	1 x 5x30; 1 x 6x30; 1 x 8x30; 1 x 10x30

## 8100 SC 9 Zyklop Speed Ratchet Set, 1/2" drive, imperial

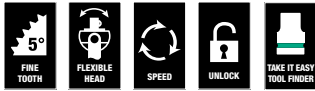


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Speed Ratchet with 1/2" drive, 10 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 14 bits

05004079001		
⊙	8000 C	1 x 1/2"x277,0
⊙	8790 HMC	1 x 3/8"x37,0; 1 x 7/16"x37,0; 1 x 1/2"x37,0; 1 x 9/16"x37,0; 1 x 19/32"x37,0; 1 x 5/8"x37,0; 1 x 11/16"x37,0; 1 x 3/4"x37,0; 1 x 25/32"x37,0; 1 x 13/16"x37,0
⊙	8794 LC	1 x 1/2"x250,0
⊙	8794 C	1 x 1/2"x52,0
⊙	8784 C2	1 x 5/16"x1/2"x50,0
+	851/2 Z PH	1 x PH 2x32; 1 x PH 3x32
+	855/2 Z PZ	1 x PZ 2x32; 1 x PZ 3x32
+	867/2 Z TORX®	1 x TX 20x35; 1 x TX 25x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35
○	840/2 Z	1 x 7/32"x30; 1 x 1/4"x30; 1 x 5/16"x30; 1 x 3/8"x30

## 8100 SC 2 Zyklop Speed Ratchet Set, 1/2" drive, metric



37-piece set in strong metal case

1 Zyklop ratchet with 1/2" drive, 17 Zyklop sockets (metric),

2 Zyklop "flexible-lock" extensions (short and long) with free-tuning sleeve, 1 sliding T-handle, 1 universal joint, 1 wobble extension, 1 adaptor with quick-release chuck, 13 bits

05003645001		
○	8000 C	1 x 1/2"x277,0
●	8790 HMC	1 x 10,0x37,0; 1 x 11,0x37,0; 1 x 12,0x37,0; 1 x 13,0x37,0; 1 x 14,0x37,0; 1 x 15,0x37,0; 1 x 16,0x37,0; 1 x 17,0x37,0; 1 x 18,0x37,0; 1 x 19,0x37,0; 1 x 20,0x37,0; 1 x 21,0x37,0; 1 x 22,0x37,0; 1 x 24,0x37,0; 1 x 27,0x40,0; 1 x 30,0x42,0; 1 x 32,0x42,0
○	8789 C	1 x 1/2"x250,0
○	8794 C	1 x 1/2"x52,0
○	8795 C	1 x 1/2"x69,0
○	8784 C2	1 x 5/16"x1/2"x50,0
○	8796 SC	1 x 1/2"x125,0
○	8796 LC	1 x 1/2"x250,0
○	840/2 Z	1 x 5x30; 1 x 6x30; 1 x 8x30; 1 x 10x30
+	851/2 Z PH	1 x PH 3x32
+	855/2 Z PZ	1 x PZ 3x32
⊕	867/2 Z TORX®	1 x TX 20x35; 1 x TX 25x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35; 1 x TX 55x35

## Tip

### Zyklop "6 in 1"



1. Fine-tooth ratchet
2. Flex-head ratchet
3. Angle ratchet
4. Quick-release ratchet
5. Power ratchet
6. Screwdriver

### New set concept



The textile boxes offer dramatically improved portability, and are space-saving to boot! This means you can now carry the same collection of tools, in a much more compact and comfortable package.



The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged.



"Take it easy"

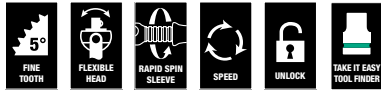


"Take it easy" tool finder system – with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX®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

# The Zyklop Speed Ratchets, 1/2"

5 types of ratchet in 1 tool

## 8100 SC 4 Zyklop Speed Ratchet Set, 1/2" drive, imperial



38-piece set in strong metal case

1 Zyklop ratchet with 1/2" drive, 18 Zyklop sockets (imperial),

2 Zyklop "flexible-lock" extensions (short and long) with free-tuning sleeve, 1 sliding T-handle, 1 universal joint, 1 wobble extension, 1 adaptor with quick-release chuck, 13 bits

05003647001		
○	8000 C	1 x 1/2"x277,0
●	8790 HMC	1 x 3/8"x37,0; 1 x 7/16"x37,0; 1 x 1/2"x37,0; 1 x 9/16"x37,0; 1 x 19/32"x37,0; 1 x 5/8"x37,0; 1 x 11/16"x37,0; 1 x 3/4"x37,0; 1 x 25/32"x37,0; 1 x 13/16"x37,0; 1 x 7/8"x37,0; 1 x 15/16"x37,0; 1 x 31/32"x37,0; 1 x 1"x40,0; 1 x 1 1/16"x40,0; 1 x 1 1/8"x40,0; 1 x 1 3/16"x42,0; 1 x 1 1/4"x42,0
○	8789 C	1 x 1/2"x250,0
○	8794 C	1 x 1/2"x52,0
○	8795 C	1 x 1/2"x69,0
○	8784 C2	1 x 5/16"x1/2"x50,0
○	8796 SC	1 x 1/2"x125,0
○	8796 LC	1 x 1/2"x250,0
+	851/2 Z PH	1 x PH 3x32
+	855/2 Z PZ	1 x PZ 3x32
⊕	867/2 Z TORX®	1 x TX 20x35; 1 x TX 25x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35; 1 x TX 55x35
○	840/2 Z	1 x 7/32"x30; 1 x 1/4"x30; 1 x 5/16"x30; 1 x 3/8"x30

## 8000 C Zyklop Speed Ratchet with 1/2" drive



**Application:** 1/2" square drive sockets and 1/2" adapters with square drive, equipped with ball lock

**Design:** Flywheel design and easy-to-grip free-turning sleeve for faster work, swivel ratchet head, defined lock positions at 0° and 90° to the left and right as well as at 15° before 90° inwards, at 0° it can be used like a conventional screwdriver, pushbutton release, left/right switchover, fine-tooth design, small return angle of 5°

**Handle:** Multi-component Kraftform handle ensures minimum fatigue

		 mm
05003600001	1/2"	277,0

## 8000 C SB Zyklop Speed Ratchet with 1/2" drive

		 mm
05073262001	1 x 1/2"x277,0	4013288 128058

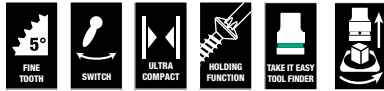




# The Zyklop Hybrid Ratchets, 1/2"

Combines robustness, slim design, and little weight

## 8006 SC 1 Zyklop Hybrid Ratchet Set, 1/2" drive, metric



13-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Hybrid Ratchet with 1/2" drive, 10 Zyklop sockets with holding function, 1 Zyklop Hybrid Extension with release pin, 1 Zyklop extension (long with free-turning sleeve)

05004090001	
○	8006 C 1 x 1/2"x281,0
○	8797 C 1 x 271,0
○	8794 LC 1 x 1/2"x250,0
●	8790 HMC HF 1 x 10,0x37,0; 1 x 11,0x37,0; 1 x 12,0x37,0; 1 x 13,0x37,0; 1 x 14,0x37,0; 1 x 15,0x37,0; 1 x 16,0x37,0; 1 x 17,0x37,0; 1 x 18,0x37,0; 1 x 19,0x37,0

## Zyklop Hybrid Set



**Application:** Ratchet function for 1/2" square sockets and 1/2" adaptors with square drive, equipped with ball lock

**Design:** Fine-tooth mechanism with 72 teeth for a return angle of only 5°; switch lever for convenient change of direction; secure socket locking function

**Handle:** Multi-component Kraftform handle for optimum pressure, impact and tensile loads, handle end designed for connection of Zyklop Hybrid extension 8797 C

05004095001	
○	8006 C 1 x 1/2"x281,0
○	8797 C 1 x 271,0



## 8006 C Zyklop Hybrid Ratchet with switch lever and 1/2" drive



**Application:** 1/2" square sockets as well as for 1/2" adaptors with square drive, with ball locking device

**Design:** Fine-tooth mechanism with 72 teeth for a return angle of only 5°; switch lever for convenient change of direction; secure socket locking function

**Handle:** Multi-component Kraftform handle for optimum pressure and tensile loads, handle end designed for connection of Zyklop Hybrid extension

	mm	mm	mm	mm
05003780001	1/2"	281,0	34	37

## 8797 C Zyklop Hybrid extension



**Application:** Extension for use with Wera Zyklop Hybrid 8006 C to increase torque transfer

**Design:** Tough, tempered Cr-Mo steel

**Handle:** Multi-component Kraftform handle for optimum pressure and tensile loads; with extension release pin

	mm	mm
05003781001	134,0	137



## Tip



“Take it easy”



“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® drive screws (L-Keys, Zyklop bit sockets).



Secure hold and easy removal



The all new smooth turning mechanism guarantees both secure and rattle-free storage, yet allows easy removal of the tool.

## Sockets with retaining function for hexagon headed bolts, screws and nuts

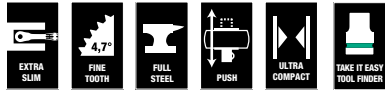


The clamping of the screw is achieved by two flexible locking balls and a robust, permanently elastic, heat-shrunk tubing. The tubing is effectively protected against mechanical wear and tear by a steel ring. The holding function is especially helpful in confined, hard-to-reach spaces, where there is no room for a second hand to secure the screw.

# The Zyklop Metal Ratchets Push, 1/2"

With push-through square

## 8100 SC 7 Zyklop Metal Ratchet Set with push-through square, 1/2" drive, metric

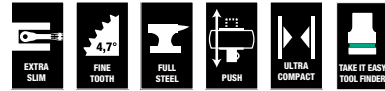


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with push-through square and 1/2" drive, 10 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 14 bits

05004077001		
⊙	8003 C	1 x 1/2"x281,0
⊙	8790 HMC	1 x 10,0x37,0; 1 x 11,0x37,0; 1 x 12,0x37,0; 1 x 13,0x37,0; 1 x 14,0x37,0; 1 x 15,0x37,0; 1 x 16,0x37,0; 1 x 17,0x37,0; 1 x 18,0x37,0; 1 x 19,0x37,0
⊙	8794 LC	1 x 1/2"x250,0
⊙	8794 C	1 x 1/2"x52,0
⊙	8784 C2	1 x 5/16"x1/2"x50,0
+	851/2 Z PH	1 x PH 2x32; 1 x PH 3x32
+	867/2 Z TORX®	1 x TX 20x35; 1 x TX 25x35; 1 x TX 27x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35; 1 x TX 55x35
○	840/2 Z	1 x 5x30; 1 x 6x30; 1 x 8x30; 1 x 10x30

## 8100 SC 10 Zyklop Metal Ratchet Set with push-through square, 1/2" drive, imperial

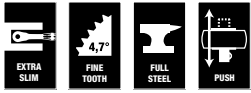


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with push-through square and 1/2" drive, 10 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 14 bits






05004080001		
⊙	8003 C	1 x 1/2"x281,0
⊙	8790 HMC	1 x 3/8"x37,0; 1 x 7/16"x37,0; 1 x 1/2"x37,0; 1 x 9/16"x37,0; 1 x 19/32"x37,0; 1 x 5/8"x37,0; 1 x 11/16"x37,0; 1 x 3/4"x37,0; 1 x 25/32"x37,0; 1 x 13/16"x37,0
⊙	8794 LC	1 x 1/2"x250,0
⊙	8794 C	1 x 1/2"x52,0
⊙	8784 C2	1 x 5/16"x1/2"x50,0
+	851/2 Z PH	1 x PH 2x32; 1 x PH 3x32
+	867/2 Z TORX®	1 x TX 20x35; 1 x TX 25x35; 1 x TX 27x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35; 1 x TX 55x35
○	840/2 Z	1 x 7/32"x30; 1 x 1/4"x30; 1 x 5/16"x30; 1 x 3/8"x30

## 8003 C Zyklop Metal Ratchet with push-through square and 1/2" drive



**Application:** 1/2" square sockets as well as for 1/2" adaptors with square drive, with ball locking device

**Design:** Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces; the dual-ratchet-teeth design means that a 76 fine-toothing division can be achieved from the 38 robust teeth with a return angle of only 4.7°; simple direction change with the undetachable push-through square and very secure socket lock mechanism

				
	mm	mm	mm	mm
05004063001	1/2"	281,0	36	37

## Tip

### The Zyklop Metal Ratchets Push



Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces.

### Textile boxes



The textile boxes offer dramatically improved portability, and are space-saving to boot!

This means you can now carry the same collection of tools, in a much more compact and comfortable package. The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged. And: it leaves absolutely no signs of scratches on sensitive surfaces.



"Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).

# The Zyklop Metal Ratchets Switch, 1/2"

With switch lever

## 8100 SC 8 Zyklop Metal Ratchet Set with switch lever, 1/2" drive, metric

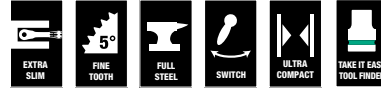


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with switch lever and 1/2" drive, 10 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 14 bits

05004078001	
○	8004 C 1 x 1/2"x281,0
●	8790 HMC 1 x 10,0x37,0; 1 x 11,0x37,0; 1 x 12,0x37,0; 1 x 13,0x37,0; 1 x 14,0x37,0; 1 x 15,0x37,0; 1 x 16,0x37,0; 1 x 17,0x37,0; 1 x 18,0x37,0; 1 x 19,0x37,0
⊗	8794 LC 1 x 1/2"x250,0
⊗	8794 C 1 x 1/2"x52,0
⊗	8784 C2 1 x 5/16"x1/2"x50,0
+	851/2 Z PH 1 x PH 2x32; 1 x PH 3x32
⊗	867/2 Z TORX® 1 x TX 20x35; 1 x TX 25x35; 1 x TX 27x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35; 1 x TX 55x35
○	840/2 Z 1 x 5x30; 1 x 6x30; 1 x 8x30; 1 x 10x30

## 8100 SC 11 Zyklop Metal Ratchet Set with switch lever, 1/2" drive, imperial

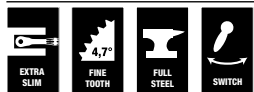


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1 Zyklop Metal Ratchet with switch lever and 1/2" drive, 10 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 14 bits

05004081001	
○	8004 C 1 x 1/2"x281,0
●	8790 HMC 1 x 3/8"x37,0; 1 x 7/16"x37,0; 1 x 1/2"x37,0; 1 x 9/16"x37,0; 1 x 19/32"x37,0; 1 x 5/8"x37,0; 1 x 11/16"x37,0; 1 x 3/4"x37,0; 1 x 25/32"x37,0; 1 x 13/16"x37,0
⊗	8794 LC 1 x 1/2"x250,0
⊗	8794 C 1 x 1/2"x52,0
⊗	8784 C2 1 x 5/16"x1/2"x50,0
+	851/2 Z PH 1 x PH 2x32; 1 x PH 3x32
⊗	867/2 Z TORX® 1 x TX 20x35; 1 x TX 25x35; 1 x TX 27x35; 1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35; 1 x TX 55x35
○	840/2 Z 1 x 7/32"x30; 1 x 1/4"x30; 1 x 5/16"x30; 1 x 3/8"x30

## 8004 C Zyklop Metal Ratchet with switch lever and 1/2" drive



**Application:** 1/2" square sockets as well as for 1/2" adaptors with square drive, with ball locking device

**Design:** Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces; fine-tooth mechanism with 72 teeth for a return angle of only 5°; switch lever for convenient change of direction; secure socket locking function

		mm	mm	mm
05004064001	1/2"	281,0	34	37

## Tip

### The Zyklop Metal Ratchets Switch



Extremely slim. Long leverage. Very robust without any torque limitation. Forged, full metal ratchet out of chrome molybdenum.

### Textile boxes



The textile boxes offer dramatically improved portability, and are space-saving to boot!

This means you can now carry the same collection of tools, in a much more compact and comfortable package. The hassle of running back and forth for the right tools has now become a thing of the past. And the much lower weight of a set makes carrying more convenient than ever before. The textile box including the tool will even survive a fall undamaged. And: it leaves absolutely no signs of scratches on sensitive surfaces.



“Take it easy”



“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® drive screws (L-Keys, Zyklop bit sockets).

# Zyklop Accessories, 1/2"

## The perfect add-on for all Zyklop ratchets

### HMC Zyklop socket with 1/2" drive



**Application:** Hexagon headed bolts, screws and nuts

**Design:** Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, chrome vanadium, brushed chrome-plated finish. Colour coding to enable the desired bit socket to be easily located

	mm	mm	mm	mm	mm	mm
05003601001	10,0	37,0	15,5	24,0	17,0	
05003602001	11,0	37,0	16,5	24,0	17,0	
05003603001	12,0	37,0	17,5	24,0	17,0	
05003604001	13,0	37,0	19,0	24,0	17,0	
05003605001	14,0	37,0	20,0	24,0	17,0	
05003606001	15,0	37,0	21,0	24,0	17,0	
05003607001	16,0	37,0	22,5	24,0	17,0	
05003608001	17,0	37,0	24,0	26,0	17,0	
05003609001	18,0	37,0	25,0	26,0	17,0	
05003610001	19,0	37,0	26,5	26,0	20,0	
05003611001	20,0	37,0	28,0	26,0	20,0	
05003612001	21,0	37,0	29,0	26,0	20,0	
05003613001	22,0	37,0	30,5	26,0	20,0	
05003614001	24,0	37,0	33,0	28,0	20,0	
05003615001	27,0	40,0	36,5	32,0	23,0	
05003616001	30,0	42,0	40,0	34,0	25,0	
05003617001	32,0	42,0	42,0	36,0	25,0	
05003618001	3/8"	37,0	15,5	24,0	17,0	
05003619001	7/16"	37,0	16,5	24,0	17,0	
05003620001	1/2"	37,0	19,0	24,0	17,0	
05003621001	9/16"	37,0	20,0	24,0	17,0	
05003622001	19/32"	37,0	21,0	24,0	17,0	
05003623001	5/8"	37,0	22,5	24,0	17,0	
05003624001	11/16"	37,0	25,5	26,0	17,0	
05003625001	3/4"	37,0	26,5	26,0	20,0	
05003626001	25/32"	37,0	28,0	26,0	20,0	
05003627001	13/16"	37,0	29,0	26,0	20,0	
05003628001	7/8"	37,0	30,5	26,0	20,0	
05003629001	15/16"	37,0	33,0	28,0	20,0	
05003630001	31/32"	37,0	33,0	28,0	20,0	
05003631001	1"	40,0	36,5	32,0	23,0	
05003632001	1 1/16"	40,0	36,5	32,0	23,0	
05003633001	1 1/8"	40,0	40,0	34,0	23,0	
05003634001	1 3/16"	42,0	40,0	34,0	25,0	
05003635001	1 1/4"	42,0	42,0	36,0	25,0	

### 8790 HMC HF Zyklop socket with 1/2" drive with holding function



**Application:** Hexagon headed bolts, screws and nuts

**Design:** Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, with holding function, chrome vanadium, brushed chrome-plated finish. Colour coding to enable the desired bit socket to be easily located

	mm	mm	mm	mm	mm	mm
05003730001	10,0	37,0	17,8	23,5	10,4	
05003731001	11,0	37,0	18,8	23,5	10,4	
05003732001	12,0	37,0	20,4	23,5	11,4	
05003733001	13,0	37,0	21,4	23,5	11,4	
05003734001	14,0	37,0	22,6	23,5	11,4	
05003735001	15,0	37,0	23,6	23,5	12,0	
05003736001	16,0	37,0	25,0	23,5	12,0	
05003737001	17,0	37,0	26,8	23,5	12,5	
05003738001	18,0	37,0	28,0	23,5	12,5	
05003739001	19,0	37,0	29,2	23,5	14,0	

## 8790 HF 1 Zyklop socket set with holding function



10-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

10 Zyklop sockets with 1/2" drive with holding function

05004203001	
	<b>8790 HMC HF</b> 1 x 10,0x37,0; 1 x 11,0x37,0; 1 x 12,0x37,0; 1 x 13,0x37,0; 1 x 14,0x37,0; 1 x 15,0x37,0; 1 x 16,0x37,0; 1 x 17,0x37,0; 1 x 18,0x37,0; 1 x 19,0x37,0

## Tip

### Sockets with retaining function for hexagon headed bolts, screws and nuts



The clamping of the screw is achieved by two flexible locking balls and a robust, permanently elastic, heat-shrunk tubing. The tubing is effectively protected against mechanical wear and tear by a steel ring. The holding function is especially helpful in confined, hard-to-reach spaces, where there is no room for a second hand to secure the screw.



### "Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).



### Secure hold and easy removal

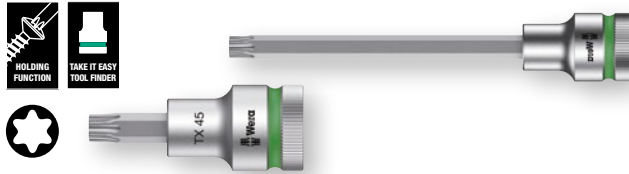


The all new smooth turning mechanism of the Zyklop HF Socket sets guarantees both secure and rattle-free storage, yet allows easy removal of the tool.

# Zyklop Accessories, 1/2"

## The perfect add-on for all Zyklop ratchets

### 8767 C HF TORX® Zyklop bit socket with 1/2" drive with holding function



**Application:** TORX® socket screws

**Design:** Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, chrome vanadium, brushed chrome-plated finish, holding function for TORX® screws made according to Acument Intellectual Properties specifications. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily located

			mm	mm	mm	mm
05003830001		TX 20	60,0	16,4	23,5	21,5
05003850001		TX 20	140,0	16,4	23,5	101,5
05003831001		TX 25	60,0	16,4	23,5	21,5
05003851001		TX 25	140,0	16,4	23,5	101,5
05003832001		TX 27	60,0	16,4	23,5	21,5
05003852001		TX 27	140,0	16,4	23,5	101,5
05003833001		TX 30	60,0	16,4	23,5	21,5
05003853001		TX 30	140,0	16,4	23,5	101,5
05003834001		TX 40	60,0	16,4	23,5	21,5
05003854001		TX 40	140,0	16,4	23,5	101,5
05003835001		TX 45	60,0	16,4	23,5	21,5
05003855001		TX 45	140,0	16,4	23,5	101,5
05003836001		TX 50	60,0	21,4	23,5	21,5
05003856001		TX 50	140,0	21,4	23,5	101,5
05003837001		TX 55	60,0	21,4	23,5	21,5
05003857001		TX 55	140,0	21,4	23,5	101,5
05003838001		TX 60	60,0	21,4	23,5	21,5
05003858001		TX 60	140,0	21,4	23,5	101,5

### 8767 C TORX® HF 1 Zyklop bit socket set with 1/2" drive, with holding function

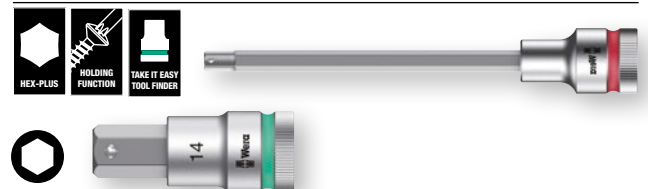


9-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

9 Zyklop bit sockets for TORX® screws, with 1/2" drive, with holding function

05004202001		
		<b>8767 C HF</b> 1 x TX 20x60; 1 x TX 25x60; 1 x TX 27x60; 1 x TX 30x60; 1 x TX 40x60; 1 x TX 45x60; 1 x TX 50x60; 1 x TX 55x60; 1 x TX 60x60

### 8740 C HF Zyklop bit socket with 1/2" drive with holding function



**Application:** Hexagon socket screws

**Design:** Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, chrome vanadium, brushed chrome-plated finish, holding function for hexagon socket screws. Colour coding to enable the desired bit socket to be easily located

		mm	mm	mm	mm	mm
05003820001		4,0	60,0	14,0	21,5	21,5
05003840001		4,0	140,0	14,0	21,5	101,5
05003821001		5,0	60,0	14,0	21,5	21,5
05003841001		5,0	140,0	14,0	21,5	101,5
05003822001		6,0	60,0	14,0	21,5	21,5
05003842001		6,0	140,0	14,0	21,5	101,5
05003823001		7,0	60,0	14,0	23,5	21,5
05003843001		7,0	140,0	14,0	23,5	101,5
05003824001		8,0	60,0	16,0	23,5	21,5
05003844001		8,0	140,0	16,0	23,5	101,5
05003825001		10,0	60,0	16,0	23,5	21,5
05003845001		10,0	140,0	16,0	23,5	101,5
05003826001		12,0	60,0	21,0	23,5	23,0
05003827001		14,0	60,0	22,0	23,5	23,0
05003828001		17,0	60,0	24,5	25,5	23,0
05003829001		19,0	60,0	26,5	27,5	23,0

### 8740 C HF 1 Zyklop bit socket set with 1/2" drive with holding function



9-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

9 Zyklop bit sockets for hexagon socket screws, with 1/2" drive, with holding function

05004201001	
	<b>8740 C HF</b> 1 x 4,0x60,0; 1 x 5,0x60,0; 1 x 6,0x60,0; 1 x 7,0x60,0; 1 x 8,0x60,0; 1 x 10,0x60,0; 1 x 12,0x60,0; 1 x 14,0x60,0; 1 x 17,0x60,0

### 8796 SC Zyklop „flexible-lock“ extension with free-turning sleeve, short, 1/2"



**Application:** 1/2" square drive sockets with ball lock

**Design:** Flexible lock system either for permanent interlocking or fast change of accessories, free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish

	mm
05003642001	1/2" 125,0

## Tip

### Bit sockets with holding function for TORX® screws



The HF tools developed by Wera are ideal because they feature an optimised geometry of the original TORX® profile. The wedging forces resulting from the surface pressure between the drive tip and the screw profile mean that TORX® screws made according to Acument Intellectual Properties specifications are securely held on the tool!

### Bit sockets with retaining function for hexagon socket screws



The clamping of the screw is achieved by a flexible locking ball. The holding function is especially helpful in confined, hard-to-reach spaces, where there is no room for a second hand to secure the screw.



### Secure hold and easy removal



The all new smooth turning mechanism of the Zyklop HF socket sets guarantees both secure and rattle-free storage, yet allows easy removal of the tool.

# Zyklop Accessories, 1/2"

## The perfect add-on for all Zyklop ratchets

### 8796 LC Zyklop "flexible-lock" extension with free-turning sleeve, long, 1/2"



**Application:** 1/2" square drive sockets with ball lock

**Design:** Flexible lock system either for permanent interlocking or fast change of accessories, free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish

		mm
05003643001	1/2"	250,0

### 8794 LC Zyklop extension with free-turning sleeve, long, 1/2"



**Application:** 1/2" square drive sockets with ball lock

**Design:** Easy-to-grip free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish

		mm
05003638001	1/2"	250,0

### 8794 SC Zyklop extension with free-turning sleeve, short, 1/2"



**Application:** 1/2" square drive sockets with ball lock

**Design:** Easy-to-grip free-turning sleeve for rapid tightening or loosening of screws and nuts, chrome vanadium, brushed chrome-plated finish

		mm
05003637001	1/2"	125,0

### 8789 C Zyklop sliding T-handle, 1/2"



**Application:** 1/2" square drive sockets with ball lock

**Design:** Sliding drive, chrome vanadium, brushed chrome-plated finish



		mm
05003636001	1/2"	250,0

### 8795 C Zyklop universal joint, 1/2"



**Application:** 1/2" square drive sockets with ball lock

**Design:** Chrome vanadium/chrome molybdenum, brushed chrome-plated finish




	
	$\begin{array}{c} \updownarrow \\ \text{mm} \end{array}$
05003640001	1/2" 69,0

### 8784 C2 Zyklop Bit adaptor, 1/2", 5/16"

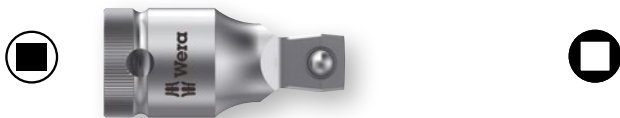


**Application:** Suitable for 5/16" hex bits as per DIN ISO 1173-C 8 and Wera series 2

**Design:** Quick-release chuck for fast bit changes, chromium vanadium



	
 	$\begin{array}{c} \updownarrow \\ \text{mm} \end{array}$
05003641001	5/16" 1/2" 50,0

### 8794 C Zyklop wobble extension, 1/2"



**Application:** 1/2" square drive sockets with ball lock

**Design:** Swivels through 15°, chrome vanadium, brushed chrome-plated finish

	
	$\begin{array}{c} \updownarrow \\ \text{mm} \end{array}$
05003639001	1/2" 52,0

# The Koloss

Obviously, many users also apply their ratchet as a hammer. This often ruins the ratchet and is dangerous to boot.

That is why we developed the heavy-duty Koloss ratchet whose mechanism is extremely robust, and nearly impossible to destroy through impact.

The Koloss is so robust that it can even be used safely with its extension element.



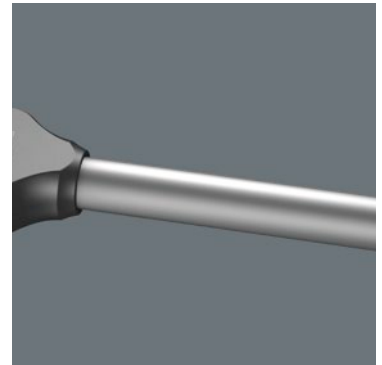
Non-removable sealed and hardened square drive for tough jobs.



Changing the ratchet direction using a hardened push-through square drive ensures great resilience, since there is no susceptible switching mechanism that could be damaged by hammer blows. This is far more robust than a forward/reverse switch.



Tubular shaft minimises impact vibrations.



Dry-fined hammer face: used with rubber pad attachments to protect materials and surfaces.



The drop-forged hammer head is permanently pinned to the shaft in a form-fit joint. This guarantees an almost non-detachable positioning of the hammer head on the handle.



Dual ratchet teeth: gives the robust 30 saw teeth the precision engineering effect of 60 fine teeth with a 6° return angle.



Newly developed, multi-component Kraftform handle that satisfies both the hammer and ratchet application requirements.



Sockets and accessories can simply and quickly be attached.

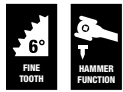


The degree of torque applied can be increased by using the Wera extension Koloss 8002 C.

# Koloss

**This ratchet is a real hit! And that is for sure!**

## 8002 C Koloss All Inclusive Set with 1/2" drive



**Application:** Ratchet function for 1/2" square sockets and 1/2" adaptors with square drive, equipped with ball lock, hammer function e.g. to align work pieces

**Design:** Push-through square drive for forward and reverse operation, fine-tooth ratchet mechanism, small return angle of 6°, can transfer at least 600 Nm of torque, tubular shaft to minimise impact vibrations, drop-forged hammer head, positively pinned, ground striking face

**Handle:** Multi-component Krafftform handle for optimum pressure, impact and tensile loads, handle end designed for connection of Koloss extension 8780 C and Koloss centering pin 8781 C

05133862001		
	8002 C	1 x 1/2"x341,0
	8782 C	1 x 2x50,0
	8780 C	1 x 341,0x137
	8000 E	1 x Extension release pin
	8000 HLF	1 x Holster

## 8002 C Koloss 1/2" with 1/2" drive



**Application:** Ratchet function for 1/2" square sockets and 1/2" adaptors with square drive, equipped with ball lock, hammer function e.g. to align work pieces

**Design:** Push-through square drive for forward and reverse operation, fine-tooth ratchet mechanism, small return angle of 6°, can transfer at least 600 Nm of torque, tubular shaft to minimise impact vibrations, drop-forged hammer head, positively pinned, ground striking face

**Handle:** Multi-component Krafftform handle for optimum pressure, impact and tensile loads, handle end designed for connection of Koloss extension 8780 C and Koloss centering pin 8781 C

05003692001		
	8002 C	1 x 1/2"x341,0
	8782 C	1 x 2x50,0
	8000 HLF	1 x Holster

## 8780 C Koloss extension



**Application:** Extension for use with Wera Koloss 8002 C to increase torque transfer

**Design:** Tough, tempered Cr-Mo steel

**Handle:** Multi-component Krafftform handle for optimum pressure, impact and tensile loads, laser-engraved safety instructions for permanent recognition

	⌀	⌀
	mm	mm
05003695001	341,0	137





” To learn more about this product, scan the QR code. “

### 8781 C Koloss centring pin



**Application:** Centering pin for use with Wera Koloss 8002 C to align lugs or drill holes

**Design:** Tapered pin out of tough, tempered Cr-Mo steel


	 mm	 mm
05003696001	85	135,0

### 8782 C Koloss pad set



**Application:** Protective attachment for striking faces for use with Wera Koloss 8002 C to protect materials and surfaces

**Design:** Flexible, thermoplastic elastomer material for lasting elasticity and maximum protection

	#	 mm
05003697001	2	50,0

## Tip

### Dry-fined hammer face



Dry-fined hammer face: used with rubber pad attachments to protect materials and surfaces.

### Why do the dual ratchet teeth provide particular robustness?



Dual ratchet teeth: gives the robust 30 saw teeth the precision engineering effect of 60 fine teeth with a 6° return angle.

### Who is the Koloss suitable for?



Basically anyone who would like to work with a ½" ratchet. Typical fields of application are mechanical engineering, boatbuilding, mining, aircraft construction, bridge building, commercial vehicle construction and maintenance, railway and road construction and maintenance, industrial plant and equipment construction, high-bay

warehouse construction, petroleum industry and many more.

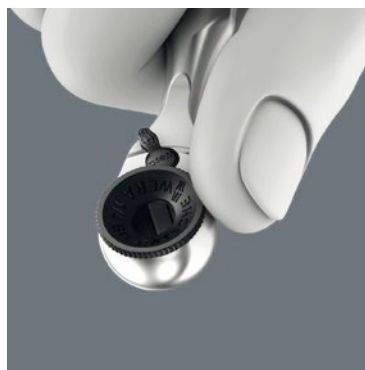
# Zyklop Mini

Combines elegant design with incredible resilience. Suitable for rapid fastening even in confined working situations. The Wera Zyklop Mini is applied whenever fastening with a power tool or conventional tools is impossible due to insufficient space.

The Zyklop Mini 1 for the direct attachment of bits; the Zyklop Mini 2 for the direct attachment of the special Wera Zyklop sockets.



The fine tooth mechanism, with its 60 teeth, allows a small return angle of only 6° – ideal for precision work.



Thumbwheel enables rapid screw-driving, even when there isn't sufficient room for ratcheting use.



Simple switching between left/right operations.



Its slim design makes it ideal for all particularly confined working situations.

# Zyklop Mini

## For confined spaces

### Bit-Check 30 Zyklop Mini 1



28 bits, 1 Rapidaptor bit holder, 1 adaptor 870/1 (1/4" hexagon to 1/4" square), 1 Wera Bit Ratchet, drop-forged full steel design, suitable for 1/4" hex bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4

05073640001		
	8001 A	1 x 1/4"x87,0
⊙	870/1	1 x 1/4"x25
⊙	889/4/1 K	1 x 1/4"x50
+	851/1 TZ PH	2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
+	855/1 TH PZ	1 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25
+	867/1 TZ TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
+	867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
+	800/1 TZ	1 x 1,0x5,5x25
○	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25

### Bit-Check 30 Zyklop Mini 2



28 bits, 1 Rapidaptor bit holder, 1 adaptor 870/1 (1/4" hexagon to 1/4" square), 1 Wera Bit Ratchet, drop-forged full steel design, suitable for 1/4" hex bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4

05346293001		
	8001 A	1 x 1/4"x87,0
⊙	870/1	1 x 1/4"x25
⊙	889/4/1 K	1 x 1/4"x50
+	851/1 TZ PH	2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
+	867/1 TZ TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
+	867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
+	800/1 TZ	1 x 1,0x5,5x25
○	840/1 Z Hex-Plus	1 x 3/32"x25; 1 x 1/8"x25; 1 x 5/32"x25; 1 x 3/16"x25; 1 x 1/4"x25
○	868/1 Z	1 x # 1x25; 3 x # 2x25; 1 x # 3x25

## Kraftform Kompakt Zyklop Mini 2



1 Wera Bit Ratchet Zyklop Mini 1, drop-forged full steel design, suitable for 1/4" hex bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4. Can also be used with 1/4" sockets by using the Wera socket adaptor 870/1. 1 Wera Ratchet Zyklop Mini 2, drop-forged full steel design, suitable for for Wera sockets 8790 FA. 9 Wera sockets 8790 FA, 1 socket adaptor 870/1, 14 bits, tough, for universal use

05135918001	
	8001 A 1 x 1/4"x87,0
	8005 1 x 107
●	813 1 x 1/4"x78
○	870/1 1 x 1/4"x25
+	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
+	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
✦	867/1 TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
○	840/1 Z Hex-Plus 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25
	8790 FA 1 x 4,0; 1 x 5,0; 1 x 5,5; 1 x 6,0; 1 x 7,0; 1 x 8,0; 1 x 10,0; 1 x 12,0; 1 x 13,0

## Tip

### Zyklop Mini tool sets



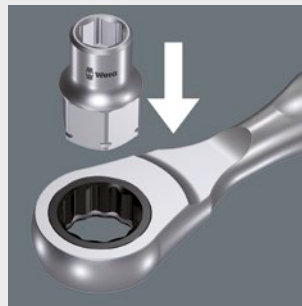
Available in a set with the dependable Wera Bit-Check with socket adaptor and belt clip. Simple fitting and removal of tools. Very robust and a long service life.

### Bit-Check as a lever



The Bit-Check itself can be used as a lever.

### Zyklop Mini 2



The Zyklop Mini 2 is suitable for the direct attachment of the special Wera Zyklop sockets 8790 FA. These sockets feature a very low height, ideal for confined working spaces.

# Zyklop Mini

## For confined spaces

### Tool-Check PLUS



28 bits, 1 hand holder 813 suitable for the attachment of bits with  $\frac{1}{4}$ " hexagon drive as per DIN ISO 1173-C 6,3 and Wera connection series 1, 1 Rapidaptor bit holder, 1 adaptor 870/1 ( $\frac{1}{4}$ " hexagon to  $\frac{1}{4}$ " square), 7 sockets ( $\frac{1}{4}$ "); 1 Wera Bit Ratchet, drop-forged full steel design suitable for the attachment of bits with  $\frac{1}{4}$ " hexagon drive as per DIN ISO 1173-C 6,3 and E 6,3 and Wera connection series 1 and 4; the use of  $\frac{1}{4}$ " sockets is also possible with the application of the Wera adaptor 870/1

05056490001		
●	8001 A	1 x 1/4"x87,0
●	813	1 x 1/4"x78
●○	889/4/1 K	1 x 1/4"x50
○	870/1	1 x 1/4"x25
●	8790 HMA	1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
⊕	851/1 TZ PH	2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
⊕	855/1 TH PZ	1 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25
⊕	867/1 TZ TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
⊕	867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
○	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25
●	800/1 TZ	1 x 1,0x5,5x25

### Tool-Check PLUS Imperial



28 bits, 1 hand holder 813 suitable for the attachment of bits with  $\frac{1}{4}$ " hexagon drive as per DIN ISO 1173-C 6,3 and Wera connection series 1, 1 Rapidaptor bit holder, 1 adaptor 870/1 ( $\frac{1}{4}$ " hexagon to  $\frac{1}{4}$ " square), 7 sockets ( $\frac{1}{4}$ "); 1 Wera Bit Ratchet, drop-forged full steel design suitable for the attachment of bits with  $\frac{1}{4}$ " hexagon drive as per DIN ISO 1173-C 6,3 and E 6,3 and Wera connection series 1 and 4; the use of  $\frac{1}{4}$ " sockets is also possible with the application of the Wera adaptor 870/1

05056491001		
●	8001 A	1 x 1/4"x87,0
●	813	1 x 1/4"x78
●○	889/4/1 K	1 x 1/4"x50
○	870/1	1 x 1/4"x25
●	8790 HMA	1 x 3/16"x23,0; 1 x 1/4"x23,0; 1 x 5/16"x23,0; 1 x 11/32"x23,0; 1 x 3/8"x23,0; 1 x 7/16"x23,0; 1 x 1/2"x23,0
⊕	851/1 TZ PH	2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
●	800/1 TZ	1 x 1,0x5,5x25
⊕	867/1 TZ TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
⊕	867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
○	840/1 Z Hex-Plus	1 x 3/32"x25; 1 x 1/8"x25; 1 x 5/32"x25; 1 x 3/16"x25; 1 x 5/16"x25
○	868/1 V	1 x # 1x25; 3 x # 2x25; 1 x # 3x25



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## Tool-Check 1 SB

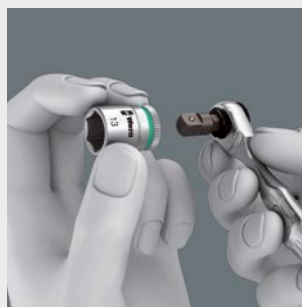


28 bits; 1 socket adaptor 870/1 (1/4" hexagonal to 1/4" square); 7 manual & power tool sockets; 1 Rapidaptor bit holder; 1 Wera Bit Ratchet, with drop-forged steel design suitable for the fitting of bits with 1/4" hexagonal headed drive as per DIN ISO 1173-C 6,3 and E 6,3, i.e. Wera Series 1 and 4. Can also be used with 1/4" sockets by using the socket adaptor (870/1).

05073220001	
8001 A	1 x 1/4"x87,0
870/1	1 x 1/4"x25
889/4/1 K	1 x 1/4"x50
851/1 TZ PH	2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
855/1 TH PZ	1 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25
867/1 TZ	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25;
TORX®	1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25;
B0	1 x TX 25x25; 1 x TX 30x25
800/1 TZ	1 x 1,0x5,5x25
840/1 Z	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25;
Hex-Plus	1 x 8,0x25
8790 HMA	1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0;
	1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 12,0x23,0;
	1 x 13,0x23,0

## Tip

### What parts can be connected to the Zyklop Mini 1?



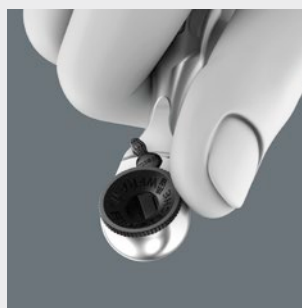
Bits and sockets. Bits can be connected directly. However, a holder can be connected first and then the bit can be attached to this. This then serves as an extension with a free-turning sleeve. An adaptor e.g. Wera 870/1 is needed for sockets – 1/4" hexagonal on a square drive (included in the Bit-Check and with the individual Zyklop Mini 1 in the set).

### When is the Zyklop Mini 1 needed?



Particularly when the space is confined and there is not much room for the tool.

### Is rapid screwdriving possible with the Zyklop Mini?



High working speeds can be attained with the Zyklop Mini. The thumb wheel is important, enabling more rapid screwdriving, and the Zyklop Mini handle only needs to be used for the final tightening of the screw.



### "Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).

# Zyklop Mini

## For confined spaces

### Tool-Check Automotive 1



28 bits; 1 870/1 socket adaptor (1/4" hexagonal to 1/4" square); 7 manual & power tool sockets; 1 Rapidaptor bit holder; 1 Wera Bit Ratchet, with drop-forged steel design suitable for the fitting of bits with 1/4" hexagonal headed drive as per DIN ISO 1173-C 6,3 and E 6,3, i.e. Wera Series 1 and 4. Can also be used with 1/4" sockets by using the socket adaptor (870/1).

05200995001		
	8001 A	1 x 1/4"x87,0
⊙	870/1	1 x 1/4"x25
⊙	889/4/1 K	1 x 1/4"x50
+	851/1 TZ PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
+	867/1 TZ TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
+	867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
+	800/1 TZ	1 x 1,0x5,5x25
○	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25
○	860/1 XZN Vielzahn	1 x M 4x25; 1 x M 5x25; 1 x M 6x25; 1 x M 8x25
+	873/1 Five Lobe	1 x 20x25; 1 x 25x25; 1 x 27x25; 1 x 30x25
⊙	8790 HMA	1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0



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### Kraftform Kompakt Zyklop Mini 1



9 bits, tough, for universal use, 1 Wera Bit Ratchet Zyklop Mini 1, drop-forged full steel design, suitable for 1/4" hex bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4. Can also be used with 1/4" sockets by using the Wera socket adaptor 870/1.

05073645001		
	8001 A	1 x 1/4"x87,0
+	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25
+	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
+	867/1 TORX®	1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25
○	840/1 Z Hex-Plus	1 x 4,0x25; 1 x 5,0x25

### 8001 A Zyklop Mini 1 Bit Ratchet 1/4" SB with 1/4" drive



**Application:** Suitable for 1/4" hex bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4, Wera adaptor 870/1 for 1/4" sockets

**Design:** Drop-forged full steel design, fine-tooth ratchet mechanism, small return angle of 6°, forward and reverse drive switch

**Handle:** Kraftform handle with proven Kraftform geometry provides perfectly designed finger contact zones, ergonomic ratchet head and handle

05073230001		
	8001 A	1 x 1/4"x87,0
⊙	870/1	1 x 1/4"x25

## Zyklop Mini 2



**Application:** Suitable for Wera sockets 8790 FA

**Design:** Drop-forged full steel design, fine-tooth ratchet mechanism, small return angle of 6°, forward and reverse drive switch

**Handle:** Kraftform handle with proven Kraftform geometry provides perfectly designed finger contact zones, ergonomic ratchet head and handle

	
	mm
05003660001	107






## 8790 FA Zyklop socket with 1/4" and Hexagon 11 drive



**Application:** Hexagon headed bolts, screws and nuts

**Design:** 1/4" external square and hexagon size; suitable for 1/4" ratchets and Wera Zyklop Mini 2 ratchet

**Handle:** Manual applications; ball intercept ring; extremely low height, ideal for confined spaces; chrome vanadium, chrome-plated

					
	mm	mm	mm	mm	mm
05003665001	4,0	11,8	9,5	18,0	6,4
05003666001	4,5	11,8	9,5	18,0	7,0
05003667001	5,0	11,8	9,5	18,0	7,6
05003668001	5,5	11,8	9,5	18,0	8,2
05003669001	6,0	11,8	9,5	18,0	9,2
05003670001	7,0	11,8	9,5	18,0	10,4
05003675001	8,0	11,8	9,5	18,0	11,5
05003690001	10,0	11,8	9,5	18,0	13,8
05003684001	12,0	11,8	9,5	18,0	16,8
05003685001	13,0	11,8	9,5	18,0	17,8

## Tip

### Is such a small tool sufficiently resilient?



The Zyklop Mini 1 can withstand at least 65 Nm. That is far more power than can normally be transferred to such a small tool.

## Zyklop Mini 2



The Zyklop Mini 2 is suitable for the direct attachment of the special Wera Zyklop sockets 8790 FA. These sockets feature a very low height, ideal for confined working spaces.



### "Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).



JOKER

# Joker Wrenches



Joker  
Ratcheting combination wrenches

**192**



Joker Switch  
Ratcheting combination wrenches

**194**



# Joker open-ended wrench

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.



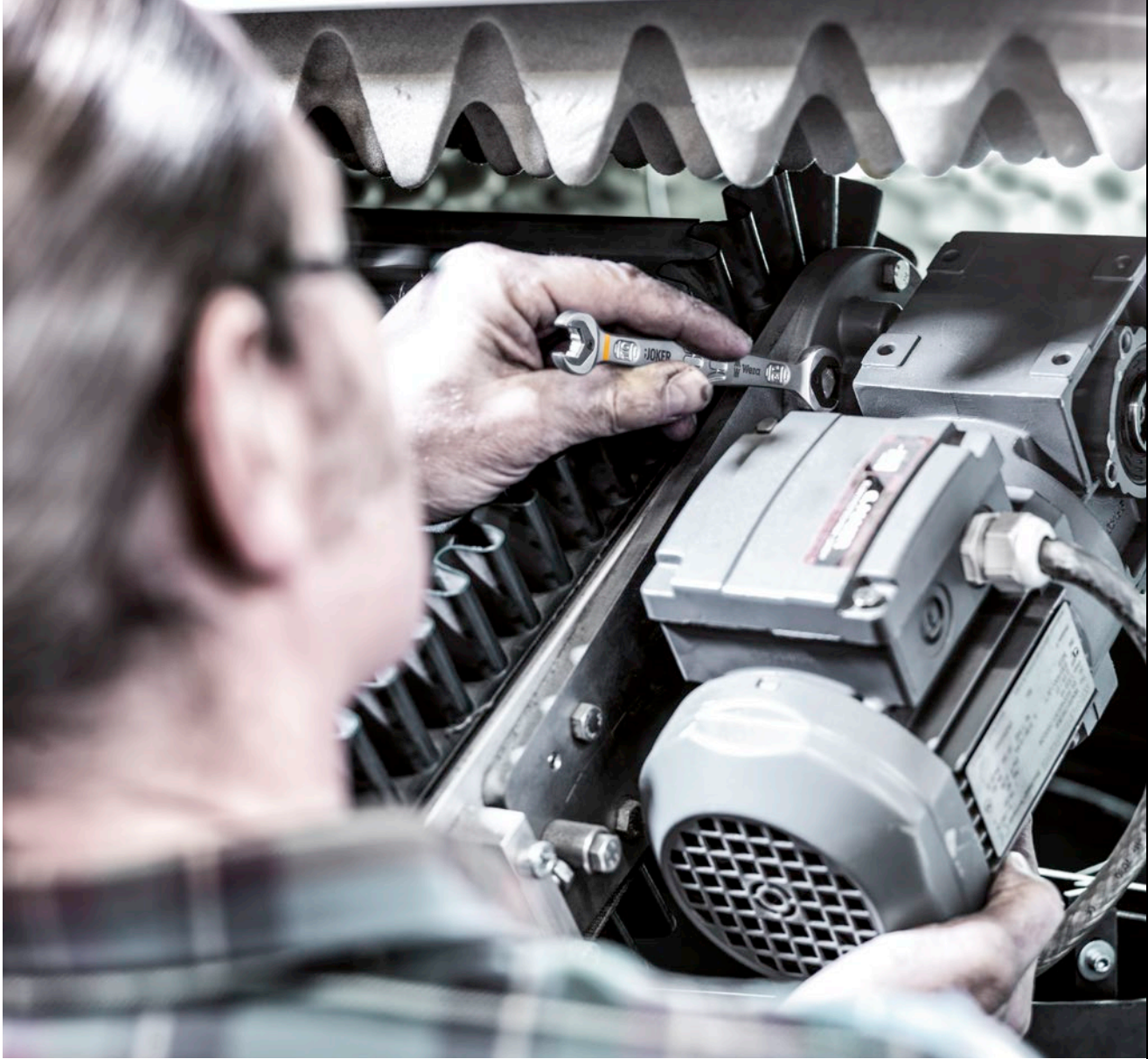
The Joker's holding function means that nuts and bolts can be held in the jaw and easily positioned where they are needed. Fastening on to the thread can then be done quickly and safely, thanks to the innovative special stop-plate which holds the fastener. No more time-wasting searches for dropped nuts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



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 significantly more force to be applied during fastening jobs.



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.



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.



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.

# Joker

## Combination ratchet wrenches

### Joker Ratcheting combination wrenches



**Application:** Hexagonal nuts or bolts

**Design:** Ratcheting combination wrench

		mm	mm	mm	mm	mm	mm
05073268001		8	144	20	5,5	18	7
05073270001		10	159	22	5,5	21	7,2
05073271001		11	165	25	6,3	22	7,5
05073272001		12	170,7	26,3	6,6	25	8,5
05073273001		13	177	27,3	7	25	8,6
05073274001		14	188	29,3	7,5	28	9,2
05073275001		15	200	32,3	7,8	28,5	9,2
05073276001		16	212	35	8,2	32,7	10,5
05073277001		17	224	37,2	8,5	32,7	10,5
05073278001		18	235	39	9	33,8	11
05073279001		19	246	42	9,5	34,8	11

### Joker Ratcheting combination wrenches, Imperial

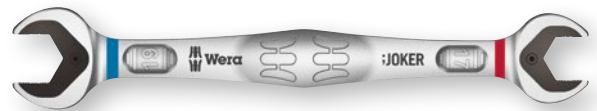


**Application:** Hexagonal nuts or bolts

**Design:** Ratcheting combination wrench

		mm	mm	mm	mm	mm	mm
05073280001		5/16"	144	20	5,5	18	7
05073281001		3/8"	159	22	5,5	21	7,2
05073282001		7/16"	165	25	6,3	22	7,5
05073283001		1/2"	177	27,3	7	25	8,6
05073284001		9/16"	188	29,3	7,5	28	9,2
05073285001		5/8"	212	35	8,2	32,7	10,5
05073286001		11/16"	235	39	9	33,8	11
05073287001		3/4"	246	42	9,5	34,8	11

### Joker Double Open-Ended Wrench



**Application:** Hexagon bolts and nuts

**Design:** Double open-ended wrench

		mm	mm	mm	mm	mm	mm
05003760001		10	23	13	27	5,5	7
05003765001		17	37	19	42	8,5	9,5

### Joker Set of Ratcheting combination wrenches



Set of ratcheting combination wrenches

11-piece set

Durable pouch

		mm	mm	mm	mm	mm	mm
05020013001	<b>Joker</b>	1 x 8x144; 1 x 10x159; 1 x 11x165; 1 x 12x170,7; 1 x 13x177; 1 x 14x188; 1 x 15x200; 1 x 16x212; 1 x 17x224; 1 x 18x235; 1 x 19x246					

## Joker Set of Ratcheting combination wrenches, Imperial



Set of ratcheting combination wrenches  
8-piece set  
Durable pouch

05020012001	
Joker inch	1 x 5/16"x144; 1 x 3/8"x159; 1 x 7/16"x165; 1 x 1/2"x177; 1 x 9/16"x188; 1 x 5/8"x212; 1 x 11/16"x235; 1 x 3/4"x246

## Joker Set of Ratcheting combination / double open-ended wrenches



Ratcheting Combination/Double Open-Ended Wrench Set  
6-piece set  
Durable pouch

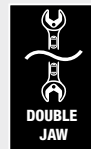
05020022001	
Joker	1 x 10x159; 1 x 13x177; 1 x 17x224; 1 x 19x246
Joker Double	1 x 10x13x167; 1 x 17x19x235

## Tip

### 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 working spaces.



### Double open-ended wrench



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



### “Take it easy”



“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® drive screws (L-Keys, Zyklop bit sockets).

# Joker

## Combination ratchet wrenches

### Joker Set of Ratcheting combination wrenches



Set of ratcheting combination wrenches  
4-piece set  
Durable pouch

05073290001	Joker	1 x 10x159; 1 x 13x177; 1 x 17x224; 1 x 19x246
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### Joker Set of Ratcheting combination wrenches, Imperial



Set of ratcheting combination wrenches  
4-piece set  
Durable pouch

05073295001	Joker inch	1 x 7/16"x165; 1 x 1/2"x177; 1 x 9/16"x188; 1 x 3/4"x246
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### Joker Switch Ratcheting combination wrenches, with switch lever



**Application:** Hexagonal nuts or bolts

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

		mm	mm	mm	mm	mm	mm
05020064001		8	144	20,3	5,5	18	7
05020065001		10	159	23	5,5	21,5	7,5
05020066001		11	165	24,3	6,3	22	7,5
05020067001		12	171	26,3	6,6	25	8,5
05020068001		13	179	27,3	7	26	8,5
05020069001		14	187	30	7,5	28	9,5
05020070001		15	199	32	7,8	28,8	9,5
05020071001		16	213	35	8,2	31,7	10,5
05020072001		17	225	37	8,5	33	10,5
05020073001		18	234	39,5	9	34	11
05020074001		19	246	42	9,5	34,7	11

Available as of autumn 2016

### Joker Switch Ratcheting combination wrenches, Imperial, with switch lever



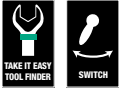
**Application:** Hexagonal nuts or bolts

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

		mm	mm	mm	mm	mm	mm
05020075001		5/16"	144	20,3	5,5	18	7
05020076001		3/8"	159	23	5,5	21,5	7,5
05020077001		7/16"	165	24,3	6,3	22	7,5
05020078001		1/2"	171	26,3	6,6	25	8,5
05020079001		9/16"	187	30	7,5	28	9,5
05020080001		5/8"	213	35	8,2	31,7	10,5
05020081001		11/16"	234	39,5	9	34	11
05020082001		3/4"	246	42	9,5	34,7	11

Available as of autumn 2016

### Joker Switch Set of Ratcheting combination wrenches

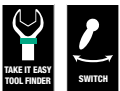


Set of ratcheting combination wrenches, reversible  
 4-piece set  
 Durable pouch

05020090001	
	<b>Joker Switch</b> 1 x 10x159; 1 x 13x179; 1 x 17x225; 1 x 19x246

Available as of autumn 2016

### Joker Switch Set of Ratcheting combination wrenches, Imperial



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

05020092001	
	<b>Joker Switch</b> 1 x 7/16"x165; 1 x 1/2"x171; 1 x 9/16"x187; <b>inch</b> 1 x 3/4"x246

Available as of autumn 2016

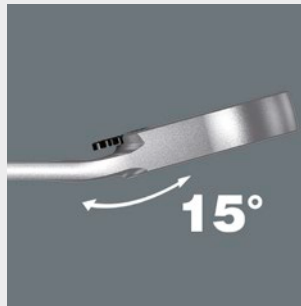
## Tip

### 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 working spaces.

### Angled ratchet end



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

### Joker Switch



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



# Joker

## Combination ratchet wrenches

### Joker Switch Set of Ratcheting combination wrenches, Imperial



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

05020093001	<b>Joker Switch</b>	1 x 5/16"x144; 1 x 3/8"x159; 1 x 7/16"x165; 1 x 1/2"x171; 1 x 9/16"x187; 1 x 5/8"x213; 1 x 11/16"x234; 1 x 3/4"x246
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Available as of autumn 2016

### Joker Switch Set of Ratcheting combination wrenches



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

05020091001	<b>Joker Switch</b>	1 x 8x144; 1 x 10x159; 1 x 11x165; 1 x 12x171; 1 x 13x179; 1 x 14x187; 1 x 15x199; 1 x 16x213; 1 x 17x225; 1 x 18x234; 1 x 19x246
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Available as of autumn 2016

### Pouch for 4 Joker Ratcheting combination wrenches



	 mm	 mm
05671383001	290,0	100,0

### Pouch for 8 Joker Ratcheting combination wrenches

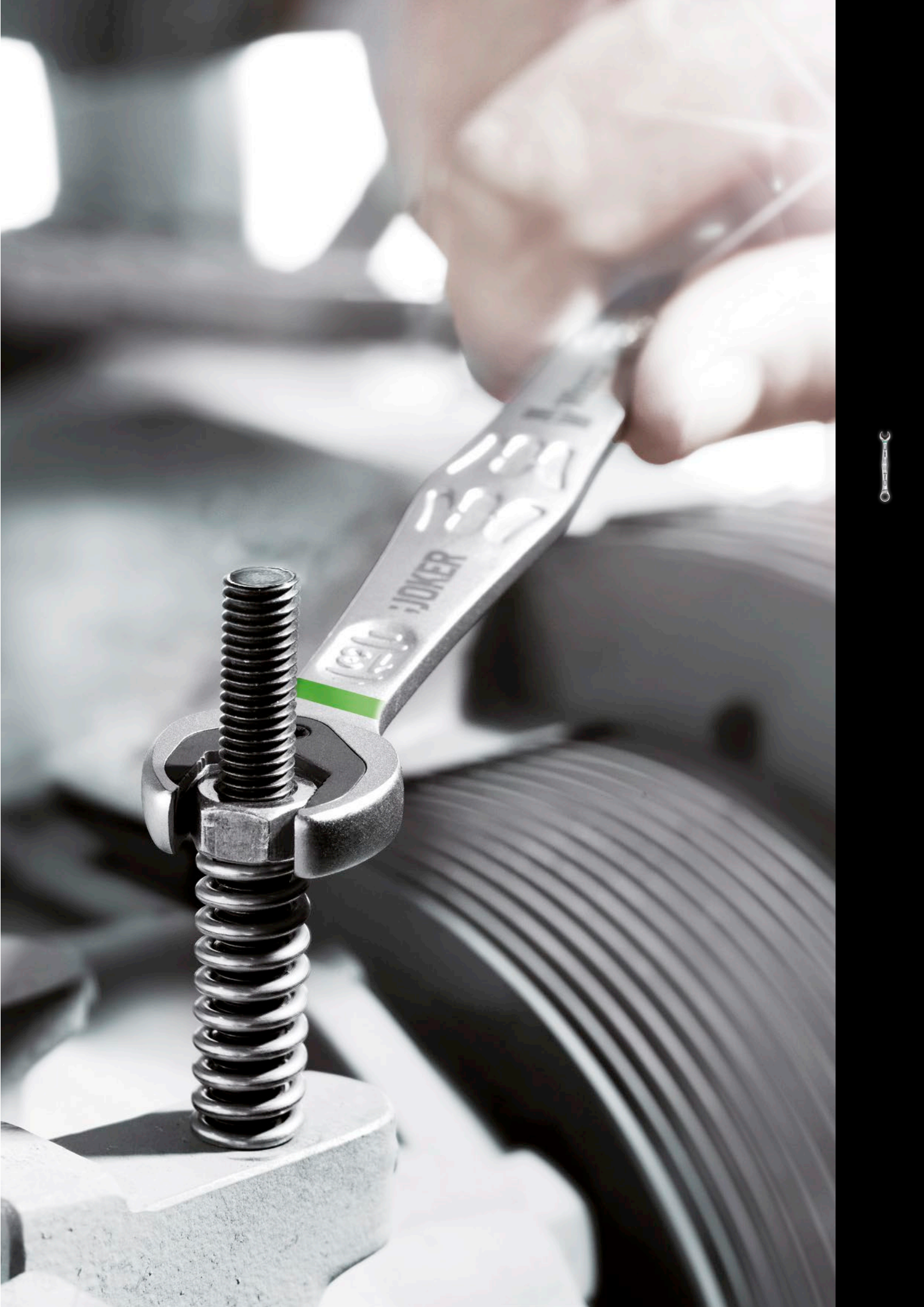


	 mm	 mm
05671381001	290,0	110,0

### Pouch for 11 Joker Ratcheting combination wrenches



	 mm	 mm
05671382001	290,0	135,0





Wera

Plus 5

Plus 4

Plus 3

Plus 2.5

Plus 2

Plus 1.5



Wera

# L-Keys



L-Keys for Hexagon Socket Screws

**202**



L-Keys for TORX® Screws

**212**



Offset Screwdrivers

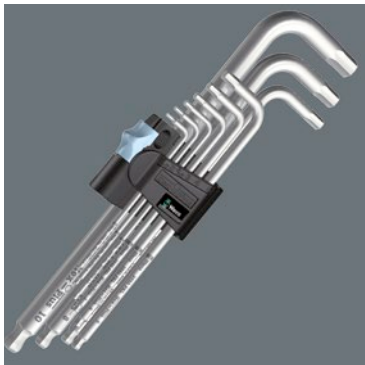
**216**



# L-Keys

We questioned the classic L-key design, since all too often the screw head recess is rounded out, meaning screws can no longer be tightened or loosened – and so the user finds the L-key slipping out of the recess.

Wera Hex-Plus tools have a larger contact surface in the screw head. The notching effects are reduced and thereby the deformation of the screws. At the same time, as much as 20 % more torque can be applied.



Stainless L-keys are hardened to the same strength as conventional (carbon) steel tools, and prevent extraenous rust forming.



SPKL – protects fingers! L-keys with a thermoplastic sleeve (SPKL) are manufactured out of easy-to-grip, circular material. The sleeve ensures that work is safe and comfortable even at low temperatures. High corrosion protection features thanks to the special BlackLaser surface treatment. Colour coding and large stamp to enable the desired L-key to be easily located.



Chrome-plated hexagon L-keys or with BlackLaser surface treatment for outstanding surface protection and long service life. High corrosion protection.



The size of each L-keys has been engraved by a laser. In addition SPKL L-keys have a colour coding according to sizes – for simple and rapid accessing of the required tool. Making it easy to find the right tool.



The wear-resistant clip material ensures that the L-keys are securely held yet are easy to remove.

# L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

## 3950 PKL/9 L-key set, metric, stainless



9-piece set in a two-component clip

**Application:** Hexagon socket screws

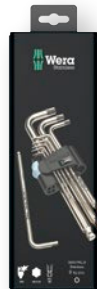
**Design:** Stainless steel

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022720001	
○	<b>3950 PKL</b> 1 x 1,5x90; 1 x 2,0x101; 1 x 2,5x112; 1 x 3,0x123; 1 x 4,0x137; 1 x 5,0x154; 1 x 6,0x172; 1 x 8,0x195; 1 x 10,0x224

## 3950 PKL/9 SB L-key set, metric, stainless

			4013288
05073544001			180377
○	<b>3950 PKL</b>		
			1 x 1.5x90; 1 x 2.0x101; 1 x 2.5x112; 1 x 3.0x123; 1 x 4.0x137; 1 x 5.0x154; 1 x 6.0x172; 1 x 8.0x195; 1 x 10.0x224



## 3950 PKL/9 SZ L-key set, imperial, stainless



9-piece set in belt pouch

**Application:** Hexagon socket screws

**Design:** Stainless steel

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022721001	
○	<b>3950 PKL inch</b> 1 x 3/32"x112; 1 x 7/64"x119; 1 x 1/8"x123; 1 x 9/64"x130; 1 x 5/32"x137; 1 x 3/16"x154; 1 x 1/4"x185; 1 x 5/16"x195; 1 x 3/8"x224

## 950 SPKL/9 SM N Multicolour L-key set, metric, BlackLaser



9-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** BlackLaser surface, durable plastic sleeve. The contrasting inscriptions on the colour-coded sleeves mean that it is easy to recognise the correct sizes and this makes it simpler to find the right tool.

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022089001	
○	<b>950 SPKL Multicolour</b> 1 x 1,5x90; 1 x 2,0x101; 1 x 2,5x112; 1 x 3,0x123; 1 x 4,0x137; 1 x 5,0x154; 1 x 6,0x172; 1 x 8,0x195; 1 x 10,0x224

## 950 SPKL/9 SM N SB Multicolour L-key set, metric, BlackLaser

			4013288
05073593001			165688
○	<b>950 SPKL Multicolour</b>		
			1 x 1.5x90; 1 x 2.0x101; 1 x 2.5x112; 1 x 3.0x123; 1 x 4.0x137; 1 x 5.0x154; 1 x 6.0x172; 1 x 8.0x195; 1 x 10.0x224



## 950 SPKL/9 SZ Multicolour L-key set, imperial, BlackLaser



9-piece set in belt pouch

**Application:** Hexagon socket screws

**Design:** BlackLaser surface, durable plastic sleeve. The contrasting inscriptions on the colour-coded sleeves mean that it is easy to recognise the correct sizes and this makes it simpler to find the right tool.

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022639001	
○	950 SPKL inch 1 x 5/64"x101; 1 x 3/32"x112; 1 x 1/8"x123; 1 x 5/32"x137; 1 x 3/16"x154; 1 x 7/32"x172; 1 x 1/4"x185; 1 x 5/16"x195; 1 x 3/8"x224

## 950 SPKL/7B SM Multicolour Magnetic L-key set, metric, BlackLaser



7-piece set in a two-component clip. For recessed screws, it's often advantageous for the screw to be held on the L-key by magnetic force. The Wera clips with magnetiser/demagnetiser enable a magnetisation/demagnetisation of L-keys in a flash.

**Application:** Hexagon socket screws

**Design:** BlackLaser surface, durable plastic sleeve. The contrasting inscriptions on the colour-coded sleeves mean that it is easy to recognise the correct sizes and this makes it simpler to find the right tool.

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022534001	
○	950 SPKL 1 x 1,5x90; 1 x 2,0x101; 1 x 2,5x112; 1 x 3,0x123; 1 x 4,0x137; 1 x 5,0x154; 1 x 6,0x172

## Tip



“Take it easy”



“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® drive screws (L-Keys, Zyklop bit sockets).

## Why do the SPKL L-keys from Wera have a round design and come with a rubber sleeve?



L-keys made from circular material fit into the hand better and allow less strenuous work over a longer period. Additionally, the rubber sleeve provides a pleasant grip, particularly in applications at low temperatures. Colour coding and large stamp enable the desired L-key to be easily located. Moreover, the round material keys are more robust, particularly where smaller sizes are concerned.

## Magnetiser/Demagnetiser



Magnetising



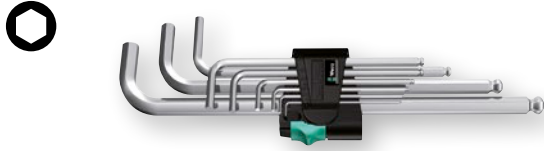
Demagnetising

For recessed screws, it's often advantageous for the screw to be held on the L-key by magnetic force. The Wera clips with magnetiser/demagnetiser enable a magnetisation/demagnetisation of L-keys in a flash.

# L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

## 950 PKL/9 SM N L-key set, metric, chrome-plated



9-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022087001	
○	<b>950 PKL</b> 1 x 1,5x90 <sup>1)</sup> ; 1 x 2,0x100; 1 x 2,5x112; 1 x 3,0x126; 1 x 4,0x140; 1 x 5,0x160; 1 x 6,0x180; 1 x 8,0x200; 1 x 10,0x219

<sup>1)</sup> Regular hexagon

## 950 PKL/9 BM N L-key set, metric, BlackLaser



9-piece set in a two-component clip

**Application:** Hexagon socket screws


**Design:** BlackLaser surface

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022086001	
○	<b>950 PKL BM</b> 1 x 1,5x90 <sup>1)</sup> ; 1 x 2,0x100; 1 x 2,5x112; 1 x 3,0x126; 1 x 4,0x140; 1 x 5,0x160; 1 x 6,0x180; 1 x 8,0x200; 1 x 10,0x219

<sup>1)</sup> Regular hexagon


## 950 PKL/9 SM N SB L-key set, metric, chrome-plated

		
		4013288
05073391001		030160
○	<b>950 PKL</b>	
	1 x 1.5x90 <sup>1)</sup> ;	
	1 x 2.0x100; 1 x 2.5x112;	
	1 x 3.0x126;	
	1 x 4.0x140;	
	1 x 5.0x160;	
	1 x 6.0x180;	
	1 x 8.0x200;	
	1 x 10.0x219	



<sup>1)</sup> Regular hexagon

## 950 PKL/9 BM N SB L-key set, metric, BlackLaser

		
		4013288
05073596001		106414
○	<b>950 PKL BM</b>	
	1 x 1.5x90 <sup>1)</sup> ;	
	1 x 2.0x100; 1 x 2.5x112;	
	1 x 3.0x126;	
	1 x 4.0x140;	
	1 x 5.0x160;	
	1 x 6.0x180;	
	1 x 8.0x200;	
	1 x 10.0x219	



<sup>1)</sup> Regular hexagon

**950 PKL/9 SZ N L-key set, imperial, BlackLaser**



9-piece set in a two-component clip


**Application:** Hexagon socket screws

**Design:** BlackLaser surface

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022171001	
○	<b>950 PKL inch</b> 1 x 5/64"x100; 1 x 3/32"x112; 1 x 1/8"x126; 1 x 5/32"x140; 1 x 3/16"x160; 1 x 7/32"x180; 1 x 1/4"x190; 1 x 5/16"x200; 1 x 3/8"x212

**950 PKL/9 SZ N SB L-key set, imperial, BlackLaser**

		
		4013288
05133180001		154118
○	<b>950 PKL inch</b> 1 x 5/64"x100; 1 x 3/32"x112; 1 x 1/8"x126; 1 x 5/32"x140; 1 x 3/16"x160; 1 x 7/32"x180; 1 x 1/4"x190; 1 x 5/16"x200; 1 x 3/8"x212	



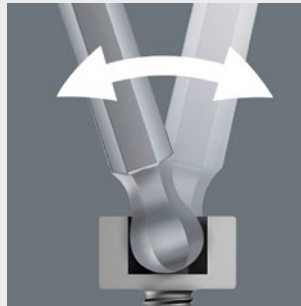
**Tip**

**Hex-Plus for hexagon socket screws**



Hexagon screws can endure a problem because the contact surfaces delivering the power from the conventional tool, is transferred to the screw via very small surface areas. The consequence: the screw can become damaged (rounding out). Hex-Plus tools have a greater contact surface that prevents this from happening! Good to know: Hex-Plus tools fit into every standard hexagon socket screw!

**Ball tip**



The spherical drive profile means that it is possible to swivel the axis of the tool to that of the screw, and therefore enable angled, "around-the-corner" screwdriving jobs.



# L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

## 950 PKL/13 SZ N L-key set, imperial, BlackLaser



13-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** BlackLaser surface

**Tip:** Hex-Plus, ball-end hexagon on long arm

05021728001	
○	<b>950 PKL inch</b> 1 x 0,05"x83 <sup>1)</sup> ; 1 x 1/16"x91 <sup>1)</sup> ; 1 x 5/64"x100; 1 x 3/32"x112; 1 x 7/64"x119; 1 x 1/8"x126; 1 x 9/64"x132; 1 x 5/32"x140; 1 x 3/16"x160; 1 x 7/32"x180; 1 x 1/4"x190; 1 x 5/16"x200; 1 x 3/8"x212

<sup>1)</sup> Regular hexagon

## 950 PKL/7 SM N L-key set, metric, chrome-plated



7-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022181001	
○	<b>950 PKL</b> 1 x 1,5x90 <sup>1)</sup> ; 1 x 2,0x100; 1 x 2,5x112; 1 x 3,0x126; 1 x 4,0x140; 1 x 5,0x160; 1 x 6,0x180

<sup>1)</sup> Regular hexagon

## 950 PKL/7B SM Magnetic L-key set, metric, chrome-plated



7-piece set in a two-component clip. For recessed screws, it's often advantageous for the screw to be held on the L-key by magnetic force. The Wera clips with magnetiser/demagnetiser enable a magnetisation/demagnetisation of L-keys in a flash.

**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus, ball-end hexagon on long arm

05022101001	
○	<b>950 PKL</b> 1 x 1,5x90 <sup>1)</sup> ; 1 x 2,0x100; 1 x 2,5x112; 1 x 3,0x126; 1 x 4,0x140; 1 x 5,0x160; 1 x 6,0x180

<sup>1)</sup> Regular hexagon

## 950 PKLS/9 SM SB L-key set, metric, chrome-plated



9-piece set in a two-component clip

**Application:** Hexagon socket screws

**Blade:** Chrome plated, with extra short arm for use on screws that are difficult to access

**Tip:** Hex-Plus, ballpoint hexagon on long arm

05073594001	
○	<b>950 PKLS</b> 1 x 1,5x90 <sup>1)</sup> ; 1 x 2,0x100; 1 x 2,5x112; 1 x 3,0x126; 1 x 4,0x140; 1 x 5,0x160; 1 x 6,0x180; 1 x 8,0x200; 1 x 10,0x219

<sup>1)</sup> Regular hexagon

## 950 L/9 SM N L-key set, metric, chrome-plated



9-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus

05021909001	
○	950 L 1 x 1,5x90 <sup>1)</sup> ; 1 x 2,0x100; 1 x 2,5x112; 1 x 3,0x126; 1 x 4,0x140; 1 x 5,0x160; 1 x 6,0x180; 1 x 8,0x200; 1 x 10,0x219

<sup>1)</sup> Regular hexagon

## 950/9 BM N L-key set, metric, BlackLaser



9-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** BlackLaser surface

**Tip:** Hex-Plus

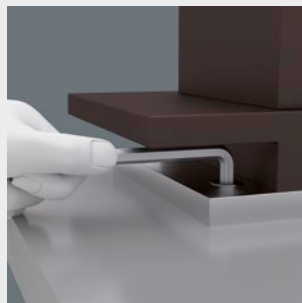
05021737001	
○	950 BM 1 x 1,5x45 <sup>1)</sup> ; 1 x 2,0x50; 1 x 2,5x56; 1 x 3,0x63; 1 x 4,0x70; 1 x 5,0x80; 1 x 6,0x90; 1 x 8,0x100; 1 x 10,0x112

<sup>1)</sup> Regular hexagon.

## Tip



### Are there any advantages of an L-key with an extra short arm?



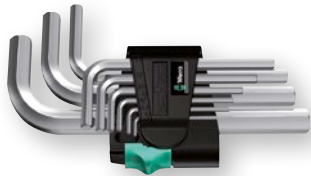
All users will recognise the need to saw or grind down L-keys to make them shorter for particularly confined screwdriving jobs. This has the disadvantage that they no longer have any corrosion protection at the separation point and secondly, they can become "soft" and therefore useless due to an alteration in the hardening during the shortening process.



# L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

## 950/9 SM N L-key set, metric, chrome-plated



9-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus

05021406001		
○	950	1 x 1,5x45 <sup>1)</sup> ; 1 x 2,0x50; 1 x 2,5x56; 1 x 3,0x63; 1 x 4,0x70; 1 x 5,0x80; 1 x 6,0x90; 1 x 8,0x100; 1 x 10,0x112

<sup>1)</sup> Regular hexagon.

## 950 PKS/9 SM N L-key set, metric, chrome-plated



9-piece set in a two-component clip

**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus, ball-end hexagon on long arm

05133163001		
○	950 PKS	1 x 1,5x50 <sup>1)</sup> ; 1 x 2,0x56; 1 x 2,5x63; 1 x 3,0x71; 1 x 4,0x80; 1 x 5,0x90; 1 x 6,0x100; 1 x 8,0x112; 1 x 10,0x125

<sup>1)</sup> Regular hexagon

## 3950 PKL L-key, metric, stainless



**Application:** Hexagon socket screws

**Design:** Stainless steel

**Tip:** Hex-Plus, ball-end hexagon on long arm

	○	L	L	L	L
	mm	mm	mm		
05022700001	1,5	90	14	3 1/2"	9/16"
05022701001	2,0	101	16	4"	5/8"
05022702001	2,5	112	19	4 7/16"	3/4"
05022703001	3,0	123	21	4 7/8"	27/32"
05022704001	4,0	137	24	5 3/8"	1"
05022705001	5,0	154	27	6 1/16"	1 1/16"
05022706001	6,0	172	31	6 3/4"	1 1/4"
05022708001	8,0	195	37	7 11/16"	1 7/16"
05022709001	10,0	224	42	9"	1 11/16"

## 3950 PKL L-key, imperial, stainless



**Application:** Hexagon socket screws

**Design:** Stainless steel

**Tip:** Hex-Plus, ball-end hexagon on long arm

	○	L	L	L	L
		mm	mm		
05022710001	3/32"	112	19	4 7/16"	3/4"
05022711001	7/64"	119	20	4 3/4"	25/32"
05022712001	1/8"	123	21	4 7/8"	27/32"
05022713001	9/64"	130	22	5 3/16"	29/32"
05022714001	5/32"	137	24	5 3/8"	1"
05022715001	3/16"	154	27	6 1/16"	1 1/16"
05022716001	1/4"	185	34	7 1/4"	1 5/16"
05022717001	5/16"	195	37	7 11/16"	1 7/16"
05022718001	3/8"	224	42	9"	1 11/16"

## 950 SPKL L-key Multicolour, metric



**Application:** Hexagon socket screws

**Design:** BlackLaser surface, durable plastic sleeve. The contrasting inscriptions on the colour-coded sleeves mean that it is easy to recognise the correct sizes and this makes it simpler to find the right tool.

**Tip:** Hex-Plus, ball-end hexagon on long arm

	Hexagon	mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> mm
05022600001		1,5	90	14	3 1/2"	9/16"
05022602001		2,0	101	16	4"	5/8"
05022604001		2,5	112	19	4 7/16"	3/4"
05022606001		3,0	123	21	4 7/8"	27/32"
05022608001		4,0	137	24	5 3/8"	1"
05022610001		5,0	154	27	6 1/16"	1 1/16"
05022612001		6,0	172	31	6 3/4"	1 1/4"
05022614001		8,0	195	37	7 11/16"	1 7/16"
05022616001		10,0	224	42	9"	1 11/16"

## 950 SPKL L-key Multicolour, imperial



**Application:** Hexagon socket screws

**Design:** BlackLaser surface, durable plastic sleeve. The contrasting inscriptions on the colour-coded sleeves mean that it is easy to recognise the correct sizes and this makes it simpler to find the right tool.

**Tip:** Hex-Plus, ball-end hexagon on long arm

	Hexagon	mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> mm
05022630001		5/64"	101	16	4"	5/8"
05022631001		3/32"	112	19	4 7/16"	3/4"
05022632001		1/8"	123	21	4 7/8"	27/32"
05022633001		5/32"	137	24	5 3/8"	1"
05022634001		3/16"	154	27	6 1/16"	1 1/16"
05022635001		7/32"	172	31	6 3/4"	1 1/4"
05022636001		1/4"	185	34	7 1/4"	1 5/16"
05022637001		5/16"	195	37	7 11/16"	1 7/16"
05022638001		3/8"	224	42	9"	1 11/16"

## 950 PKL L-key, metric, chrome-plated



**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus, ball-end hexagon on long arm

	Hexagon	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> mm
05022050001 <sup>1)</sup>	1,5	90	14	3 1/2"	9/16"
05022052001	2,0	100	16	4"	5/8"
05022054001	2,5	112	18	4 7/16"	23/32"
05022056001	3,0	126	20	5"	25/32"
05022058001	4,0	140	25	5 1/2"	1"
05022060001	5,0	160	28	6 5/16"	1 3/32"
05022062001	6,0	180	32	7 1/16"	1 1/4"
05022063001	7,0	190	34	7 1/2"	1 5/16"
05022064001	8,0	200	36	8"	1 7/16"
05022066001	10,0	219	40	8 11/16"	1 9/16"
05022067001	12,0	248	45	10"	1 3/4"

<sup>1)</sup> Regular hexagon

## 950 PKL BM L-key, metric, BlackLaser



**Application:** Hexagon socket screws

**Design:** BlackLaser surface

**Tip:** Hex-Plus, ball-end hexagon on long arm

	Hexagon	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> mm
05027101001 <sup>1)</sup>	1,5	90	14	3 1/2"	9/16"
05027102001	2,0	100	16	4"	5/8"
05027103001	2,5	112	18	4 7/16"	23/32"
05027104001	3,0	126	19	5"	3/4"
05027105001	4,0	140	25	5 1/2"	1"
05027106001	5,0	160	28	6 5/16"	1 3/32"
05027107001	6,0	180	32	7 1/16"	1 1/4"
05027110001	7,0	190	34	7 1/2"	1 5/16"
05027108001	8,0	200	36	8"	1 7/16"
05027109001	10,0	219	40	8 11/16"	1 9/16"
05027111001	12,0	248	45	10"	1 3/4"

<sup>1)</sup> Regular hexagon

# L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

## 950 PKL L-key, imperial, BlackLaser



**Application:** Hexagon socket screws

**Design:** BlackLaser surface

**Tip:** Hex-Plus, ball-end hexagon on long arm

	⊙	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> "	L <sub>4</sub> "
05022079001 <sup>1)</sup>	0,05"	83	14	3 1/4"	9/16"
05022081001 <sup>1)</sup>	1/16"	91	15	3 1/2"	19/32"
05022068001	5/64"	100	16	4"	5/8"
05022070001	3/32"	112	18	4 7/16"	23/32"
05022071001	7/64"	119	19	4 3/4"	3/4"
05022072001	1/8"	126	20	5"	25/32"
05022073001	9/64"	132	23	5 3/16"	29/32"
05022074001	5/32"	140	25	5 1/2"	1"
05022076001	3/16"	160	25	6 5/16"	1"
05022078001	7/32"	180	27	7 1/16"	1 1/16"
05022080001	1/4"	190	34	7 1/2"	1 5/16"
05022082001	5/16"	200	36	8"	1 7/16"
05022095001	3/8"	212	38	8 3/8"	1 1/2"
05022096001	1/2"	224	40	9"	1 9/16"

<sup>1)</sup> Regular hexagon

## 950 PKLS Long Arm Ballpoint Hex Key, metric, chrome plated



**Application:** For hexagon socket screws

**Design:** Chrome plated, with extra short arm for use on screws that are difficult to access

**Tip:** Hex-Plus, ballpoint hexagon on long arm

	⊙ mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> "
05022040001 <sup>1)</sup>	1,5	90	4,5	3 1/2"	11/64"
05022041001	2,0	100	5,5	4"	7/32"
05022042001	2,5	112	6,5	4 7/16"	1/4"
05022043001	3,0	126	7,5	5"	19/64"
05022044001	4,0	140	10,0	5 1/2"	25/64"
05022045001	5,0	160	12	6 5/16"	15/32"
05022046001	6,0	180	15	7 1/16"	19/32"
05022047001	8,0	200	19	8"	3/4"
05022048001	10,0	219	22	8 5/8"	7/8"

<sup>1)</sup> Regular hexagon

## 950 PKS L-key, metric, chrome-plated



**Application:** Hexagon socket screws

**Design:** Short, chrome-plated

**Tip:** Hex-Plus, ball-end hexagon on long arm

	⊙ mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> "
05133150001 <sup>1)</sup>	1,5	50	14	2"	9/16"
05133151001	2,0	56	16	2 7/32"	5/8"
05133152001	2,5	63	18	2 1/2"	23/32"
05133153001	3,0	71	20	2 3/4"	25/32"
05133154001	4,0	80	22	3"	29/32"
05133155001	5,0	90	25	3 1/2"	1"
05133156001	6,0	100	28	4"	1 3/32"
05133157001	8,0	112	32	4 7/16"	1 1/4"
05133158001	10,0	125	36	5"	1 5/16"

<sup>1)</sup> Regular hexagon

## 950 L-key, metric, chrome-plated



**Application:** Hexagon socket screws

**Design:** Chrome-plated

**Tip:** Hex-Plus

	⊙ mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> "
05021600001 <sup>1)</sup>	1,5	90	14	3 1/2"	9/16"
05021605001	2,0	100	16	4"	5/8"
05021610001	2,5	112	18	4 7/16"	23/32"
05021615001	3,0	126	20	5"	25/32"
05021620001	4,0	140	25	5 1/2"	1"
05021625001	5,0	160	28	6 5/16"	1 3/32"
05021630001	6,0	180	32	7 1/16"	1 1/4"
05021632001	7,0	190	30	7 1/2"	1 1/4"
05021635001	8,0	200	36	8"	1 7/16"
05021640001	10,0	219	40	8 11/16"	1 9/16"
05021645001	12,0	250	45	10"	1 3/4"

<sup>1)</sup> Regular hexagon

## 950 L-key, metric, chrome-plated



**Application:** Hexagon socket screws  
**Design:** Chrome-plated  
**Tip:** Hex-Plus

	⊙ mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> mm
05021005001 <sup>1)</sup>	1,5	45	14	1 3/4"	9/16"
05021010001	2,0	50	16	2"	5/8"
05021015001	2,5	56	18	2 7/32"	23/32"
05021020001	3,0	63	20	2 1/2"	25/32"
05021025001	3,5	66	23	2 5/8"	29/32"
05021030001	4,0	70	25	2 3/4"	1"
05021035001	4,5	75	26	3"	1 1/32"
05021040001	5,0	80	28	3 1/8"	1 3/32"
05021045001	6,0	90	32	3 1/2"	1 1/4"
05021050001	7,0	95	34	3 3/4"	1 5/16"
05021055001	8,0	100	36	4"	1 7/16"
05021060001	9,0	106	38	4 3/16"	1 1/2"
05021065001	10,0	112	40	4 7/16"	1 9/16"
05021070001	11,0	120	43	4 3/4"	1 11/16"
05021075001	12,0	125	45	5"	1 3/4"
05021080001	13,0	132	50	5 3/16"	2"
05021085001 <sup>1)</sup>	14,0	140	56	5 1/2"	2 7/32"
05021090001 <sup>1)</sup>	17,0	160	63	6 5/16"	2 1/2"
05021095001 <sup>1)</sup>	19,0	180	70	7 1/16"	2 3/4"
05021100001 <sup>1)</sup>	22,0	200	80	8"	3 1/8"
05021105001 <sup>1)</sup>	24,0	224	90	9"	3 1/2"
05021110001 <sup>1)</sup>	27,0	250	100	10"	4"

<sup>1)</sup> Regular hexagon.

## 950 BM L-key, metric, BlackLaser



**Application:** Hexagon socket screws  
**Design:** BlackLaser surface  
**Tip:** Hex-Plus

	⊙ mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>3</sub> mm	L <sub>4</sub> mm
05027201001 <sup>1)</sup>	1,5	45	14	1 3/4"	9/16"
05027202001	2,0	50	16	2"	5/8"
05027203001	2,5	56	18	2 7/32"	23/32"
05027204001	3,0	63	20	2 1/2"	25/32"
05027205001	3,5	66	23	2 5/8"	29/32"
05027206001	4,0	70	25	2 3/4"	1"
05027207001	4,5	75	26	3"	1 1/32"
05027208001	5,0	80	28	3 1/8"	1 3/32"
05027209001	6,0	90	32	3 1/2"	1 1/4"
05027210001	7,0	95	34	3 3/4"	1 5/16"
05027211001	8,0	100	36	4"	1 7/16"
05027213001	9,0	106	38	4 11/64"	1 1/2"
05027212001	10,0	112	40	4 7/16"	1 9/16"
05027214001	11,0	120	43	4 23/32"	1 11/16"
05027215001	12,0	125	45	5"	1 49/64"

<sup>1)</sup> Regular hexagon.



# L-Key Sets for TORX® Screws

Powerful, ergonomic, long service life

## 967 SPKL/9 TORX® BO Multicolour L-key set for tamper-proof TORX® screws, BlackLaser



9-piece set in a two-component clip. For recessed screws, it's often advantageous for the screw to be held on the L-key by magnetic force. The Wera clips with magnetiser/demagnetiser enable a magnetisation/demagnetisation of L-keys in a flash.

**Application:** TORX® socket screws with and without pin (BO = bore hole)

**Design:** BlackLaser, durable plastic sleeve. The contrasting inscriptions on the colour-coded sleeves mean that it is easy to recognise the correct sizes and this makes it simpler to find the right tool.

**Tip:** TORX® on short arm, TORX® ball end on long arm

05024335001	
♻️	967 SPKL 1 x TX 8x76 <sup>1)</sup> ; 1 x TX 9x79 <sup>1)</sup> ; 1 x TX 10x85 <sup>2)</sup> ; TORX® BO 1 x TX 15x90; 1 x TX 20x96; 1 x TX 25x104; Multicolour 1 x TX 27x112; 1 x TX 30x122; 1 x TX 40x132

<sup>1)</sup> Product without bore hole at the short and without ball-end at the long arm.  
<sup>2)</sup> Product without ball-end at the long arm.

## 967 L/9 TORX® HF L-key set with holding function, BlackLaser



9-piece set in a two-component clip

**Application:** TORX® socket screws

**Blade:** Round

**Design:** Holding function for TORX® screws made according to Acument Intellectual Properties specifications, BlackLaser surface

05024244001	
♻️	967 L TORX® 1 x TX 8x76; 1 x TX 9x79; 1 x TX 10x85; HF 1 x TX 15x90; 1 x TX 20x96; 1 x TX 25x104; 1 x TX 27x112; 1 x TX 30x122; 1 x TX 40x132

## 967 SPKL/9 TORX® BO Multicolour L-key set for tamper-proof TORX® screws, BlackLaser, SB

		4013288
05073599001		170125
♻️	967 SPKL TORX® BO Multicolour 1 x TX 8x76 <sup>1)</sup> ; 1 x TX 9x79 <sup>1)</sup> ; 1 x TX 10x85 <sup>2)</sup> ; 1 x TX 15x90; 1 x TX 20x96; 1 x TX 25x104; 1 x TX 27x112; 1 x TX 30x122; 1 x TX 40x132	



<sup>1)</sup> Product without bore hole at the short and without ball-end at the long arm.  
<sup>2)</sup> Product without ball-end at the long arm.

## 967 PKL/9 TORX® L-key set, BlackLaser



9-piece set in a two-component clip

**Application:** TORX® socket screws


**Design:** BlackLaser surface

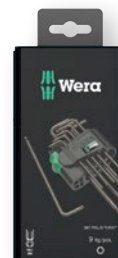
**Tip:** TORX® on short arm, TORX® ball end on long arm

05024242001	
♻️ ♻️ 967 PKL TORX®	1 x TX 8x76 <sup>1)</sup> ; 1 x TX 9x79 <sup>1)</sup> ; 1 x TX 10x85 <sup>1)</sup> ; 1 x TX 15x90; 1 x TX 20x96; 1 x TX 25x104; 1 x TX 27x112; 1 x TX 30x122; 1 x TX 40x132

<sup>1)</sup> Product without ball-end at the long arm.

## 967 PKL/9 SB TORX® L-key set, BlackLaser

05073598001	 4013288 106438
	♻️ ♻️ 967 PKL TORX® 1 x TX 8x76 <sup>1)</sup> ; 1 x TX 9x79 <sup>1)</sup> ; 1 x TX 10x85 <sup>1)</sup> ; 1 x TX 15x90; 1 x TX 20x96; 1 x TX 25x104; 1 x TX 27x112; 1 x TX 30x122; 1 x TX 40x132



<sup>1)</sup> Product without ball-end at the long arm.



# L-Keys for TORX® Screws

Powerful, ergonomic, long service life

## 967 SPKL TORX® B0 L-key Multicolour



**Application:** TORX® socket screws with and without pin (B0 = bore hole)

**Design:** BlackLaser, durable plastic sleeve. The contrasting inscriptions on the colour-coded sleeves mean that it is easy to recognise the correct sizes and this makes it simpler to find the right tool.

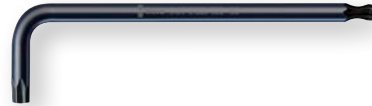
**Tip:** TORX® on short arm, TORX® ball end on long arm

		mm	mm	"	"
05024350001 <sup>1)</sup>	TX 8	76	16	3"	5/8"
05024351001 <sup>1)</sup>	TX 9	79	16	3 1/8"	5/8"
05024352001 <sup>2)</sup>	TX 10	85	17	3 3/8"	21/32"
05024353001	TX 15	90	18	3 1/2"	23/32"
05024354001	TX 20	96	19	3 3/4"	3/4"
05024355001	TX 25	104	21	4 1/8"	27/32"
05024356001	TX 27	112	22	4 7/16"	29/32"
05024357001	TX 30	122	24	4 13/16"	1"
05024358001	TX 40	132	27	5 3/16"	1 1/16"

<sup>1)</sup> Product without bore hole at the short and without ball-end at the long arm.

<sup>2)</sup> Product without ball-end at the long arm.

## 967 PKL TORX® L-key, BlackLaser



**Application:** TORX® socket screws

**Design:** BlackLaser surface

**Tip:** TORX® on short arm, TORX® ball end on long arm

		mm	mm	"	"
05024199001 <sup>1)</sup>	TX 8	76	16	3"	5/8"
05024100001 <sup>1)</sup>	TX 9	79	16	3 1/8"	5/8"
05024105001 <sup>1)</sup>	TX 10	85	17	3 3/8"	21/32"
05024200001	TX 15	90	18	3 1/2"	23/32"
05024202001	TX 20	96	19	3 3/4"	3/4"
05024204001	TX 25	104	21	4 1/8"	27/32"
05024206001	TX 27	112	22	4 7/16"	29/32"
05024208001	TX 30	122	24	4 13/16"	1"
05024210001	TX 40	132	27	5 3/16"	1 1/16"

<sup>1)</sup> Product without ball-end at the long arm.

## 967 L TORX® HF L-key with holding function, BlackLaser



**Application:** TORX® socket screws

**Blade:** Round

**Design:** Holding function for TORX® screws made according to Acument Intellectual Properties specifications, BlackLaser surface

		mm	mm	"	"
05024160001	TX 8	76	16	3"	5/8"
05024161001	TX 9	79	16	3 1/8"	5/8"
05024162001	TX 10	85	17	3 1/4"	21/32"
05024163001	TX 15	90	18	3 1/2"	23/32"
05024164001	TX 20	96	19	3 3/4"	3/4"
05024165001	TX 25	104	21	4 1/8"	27/32"
05024166001	TX 27	112	22	4 7/16"	29/32"
05024167001	TX 30	122	24	4 13/16"	1"
05024168001	TX 40	132	27	5 3/16"	1 1/16"

## 967 TORX® L-key, BlackLaser



**Application:** TORX® socket screws

**Design:** BlackLaser surface

**Tip:** TORX®

		mm	mm	"	"
05024001001	TX 6	42	16	1 5/8"	5/8"
05024002001	TX 7	48	16	1 7/8"	5/8"
05024003001	TX 8	48	16	1 7/8"	5/8"
05024004001	TX 9	48	16	1 7/8"	5/8"
05024005001	TX 10	51	17	2"	21/32"
05024008001	TX 15	54	18	2 1/8"	23/32"
05024010001	TX 20	57	19	2 1/4"	3/4"
05024012001	TX 25	60	20	2 3/8"	25/32"
05024013001	TX 27	64	21	2 1/2"	27/32"
05024015001	TX 30	70	24	2 3/4"	1"
05024020001	TX 40	76	26	3"	1 1/32"

## Tip

### The HF profile



In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are the consequence. The HF tools

developed by Wera are ideal because they feature an optimised geometry of the original TORX® profile. The wedging forces resulting from the surface pressure between the drive tip and the screw profile mean that the screw is securely held on the tool!



"Take it easy"



"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® drive screws (L-Keys, Zyklop bit sockets).

# Offset Screwdrivers

Suitable for slotted, Phillips and Pozidriv screws

## 919 PH Offset Screwdriver



**Application:** For Phillips screws

**Blade:** 90° + 180°, mat nickel

	+	┌ mm	└ mm	┌ "	└ "
05017205001	PH1+2	125	20	5"	<sup>25</sup> / <sub>32</sub> "

## 919 PZ Offset Screwdriver



**Application:** Suitable for Pozidriv-screws

**Blade:** 90° + 180°, BlackLaser

	+	┌ mm	└ mm	┌ "	└ "
05017305001	PZ1+2	125	20	5"	<sup>25</sup> / <sub>32</sub> "

## 920 A Offset Screwdriver



**Application:** For Slotted screws

**Blade:** 90° + 180°, mat nickel

	○	┌ mm	└ mm	┌ "	└ "
05017405001	4,0+4,0	100	12	4"	<sup>1</sup> / <sub>2</sub> "
05017410001	5,5+5,5	125	16	5"	<sup>5</sup> / <sub>8</sub> "
05017415001	8,0+8,0	150	20	6"	<sup>25</sup> / <sub>32</sub> "
















Wera



# Kraftform Kompakt

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# Kraftform Kompakt

Why is the right tool so often not at hand? The reason: too many tools and overly-heavy tool bags can make it bothersome to carry them onsite.

So for us it was a clear challenge: to design a tool that is suitable for a whole host of applications and can be easily taken along to jobs at other sites.

Our solution: Kraftform Kompakt tools. A handle into which blades with a range of different profiles can be inserted. Compactly and protectively housed in a light and robust textile pouch or plastic box.



The sets come with a Kraftform handle, quick-release chuck and bits for manual and power tool operations.



The handle/interchangeable blade system permits rapid exchange of the blades needed for a wide range of applications.



The tools can be stored and carried either in a solid plastic case or a robust pouch. In this way the tool is always to hand. Kraftform Kompakt Sets with Zyklop Speed or Zyklop Mini ratchet can be found on pages 134, 183 and 186.



Kraftform Kompakt user ranges – the new special sets – compact yet very versatile. Suitable for all sanitary, wood, metal or electrical applications.

# Kraftform Kompakt 10, 12

There is no screwdriver set that is more compact

## Kraftform Kompakt 10



10-piece set

1 bitholding screwdriver 813 R Kraftform with quick-release chuck Rapidaptor

05056653001		
●	813 R	1 x 1/4"x90
+	851/1 TZ PH	1 x PH 1x25; 1 x PH 2x25
+	855/1 TZ PZ	1 x PZ 1x25; 1 x PZ 2x25
+	867/1 TZ TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25
●	800/1 TZ	1 x 0,5x4,0x25; 1 x 1,0x5,5x25

## Kraftform Kompakt 12



10-piece set

1 bitholding screwdriver 813 R Kraftform with quick-release chuck Rapidaptor

05135942001		
●	813 R	1 x 1/4"x90
+	867/1 TZ TORX®	1 x TX 5x25; 1 x TX 6x25; 1 x TX 7x25; 1 x TX 8x25; 1 x TX 9x25
+	851/1 J	1 x PH 00x25x2,0; 1 x PH 0x25x2,5; 1 x PH 1x25x3,0
+	851/1 TZ PH	1 x PH 2x25





# Kraftform Kompakt 20, 22, 25, 26, 28

## Telescopic blade models

### Kraftform Kompakt 20 A



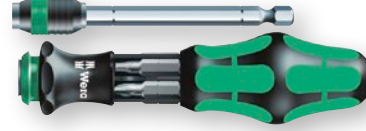
**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon socket insert bits and Wera Series 1 and 4

**Design:** Attachment, telescopic, Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

05051019001	
⊙ ⊙	889/4 R 1 x 1/4"x100
⊕	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
⊕	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
⊖	800/1 Z 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

### Kraftform Kompakt 22 with pouch



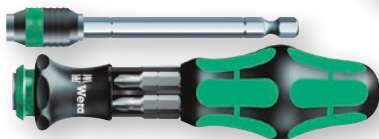
**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon socket insert bits and Wera Series 1 and 4

**Design:** Attachment, telescopic, Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

05051023001	
⊙ ⊙	889/4 R 1 x 1/4"x100
⊕	855/1 Z PZ 1 x PZ 1x25; 2 x PZ 2x25
⊗	867/1 Z TORX® 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25

### Kraftform Kompakt 20 with pouch



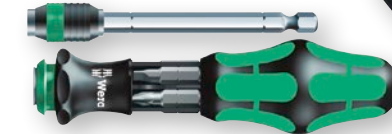
**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon socket insert bits and Wera Series 1 and 4

**Design:** Attachment, telescopic, Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

05051021001	
⊙ ⊙	889/4 R 1 x 1/4"x100
⊕	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
⊕	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
⊖	800/1 Z 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

### Kraftform Kompakt 25 with pouch



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon socket insert bits and Wera Series 1 and 4

**Design:** Attachment, telescopic, Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

05051024001	
⊙ ⊙	889/4 R 1 x 1/4"x100
⊕	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
⊖	800/1 Z 1 x 0,6x4,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25






## Kraftform Kompakt 26 with pouch



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon socket insert bits and Wera Series 1 and 4

**Design:** Attachment, telescopic, Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

		
05051025001		
	<b>889/4 R</b>	1 x 1/4"x100
	<b>851/1 Z PH</b>	1 x PH 1x25; 1 x PH 2x25
	<b>800/1 Z</b>	1 x 1,0x5,5x25; 1 x 1,2x6,5x25
	<b>868/1 Z</b>	1 x # 1x25; 1 x # 2x25

## Tip

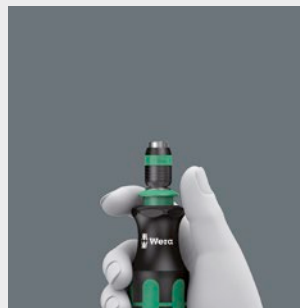
### Telescopic blade, integrated bit magazine, Rapidaptor technology



The sets in the series Kraftform Kompakt 20 are really something. A 2 position telescopic blade can be retracted into the handle for confined space operation or extended for more reach. It can also be removed and used as a 100mm bit holder in the power tool. Six bits are conveniently integrated into a push-button opening bit magazine.

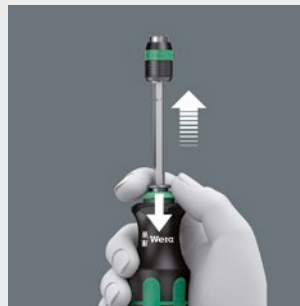
The Rapidaptor technology ensures rapid one hand bit changes, press-in auto bit lock and a secure positioning when used in power tools thanks to the free-turning sleeve.

### The telescopic blade



When the unique telescopic blade is lowered into the handle, fast, easy screw-driving action is possible, even in the tightest spots!

By pushing the clamping sleeve, the telescopic blade can be extended out of the handle and the compact tool becomes a full-sized screwdriver.



If the clamping sleeve is pushed again the telescopic blade can be taken out of the handle, and be used as a machine bit adaptor.



# Kraftform Kompakt 20, 22, 25, 26, 28

## Telescopic blade models

### Kraftform Kompakt 28 SB



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon socket insert bits and Wera Series 1

**Design:** Attachment, telescopic, with stainless steel sleeve, retaining ring, and strong permanent magnet

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

05073240001	
	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
	800/1 Z 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

### Kraftform Kompakt 28 with pouch



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon socket insert bits and Wera Series 1

**Design:** Attachment, telescopic, with stainless steel sleeve, retaining ring, and strong permanent magnet

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

05134491001	
	800/1 Z 1 x 1,0x5,5x25; 1 x 1,2x6,5x25
	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25

### Pouch for Kraftform Kompakt 20 sets, empty



	mm	mm
05671386001	170,0	70,0



# Kraftform Kompakt 40 and 41

Bits of 89 mm in length

## Kraftform Kompakt 40



Pouch with 89 mm bits

7-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck

05059298001		
●	816 R	1 x 1/4"x119
⊕	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89
⊕	855/4 Z PZ	1 x PZ 1x89; 1 x PZ 2x89
●	800/4 Z	1 x 1,0x5,5x89; 1 x 1,2x6,5x89

## Kraftform Kompakt 41

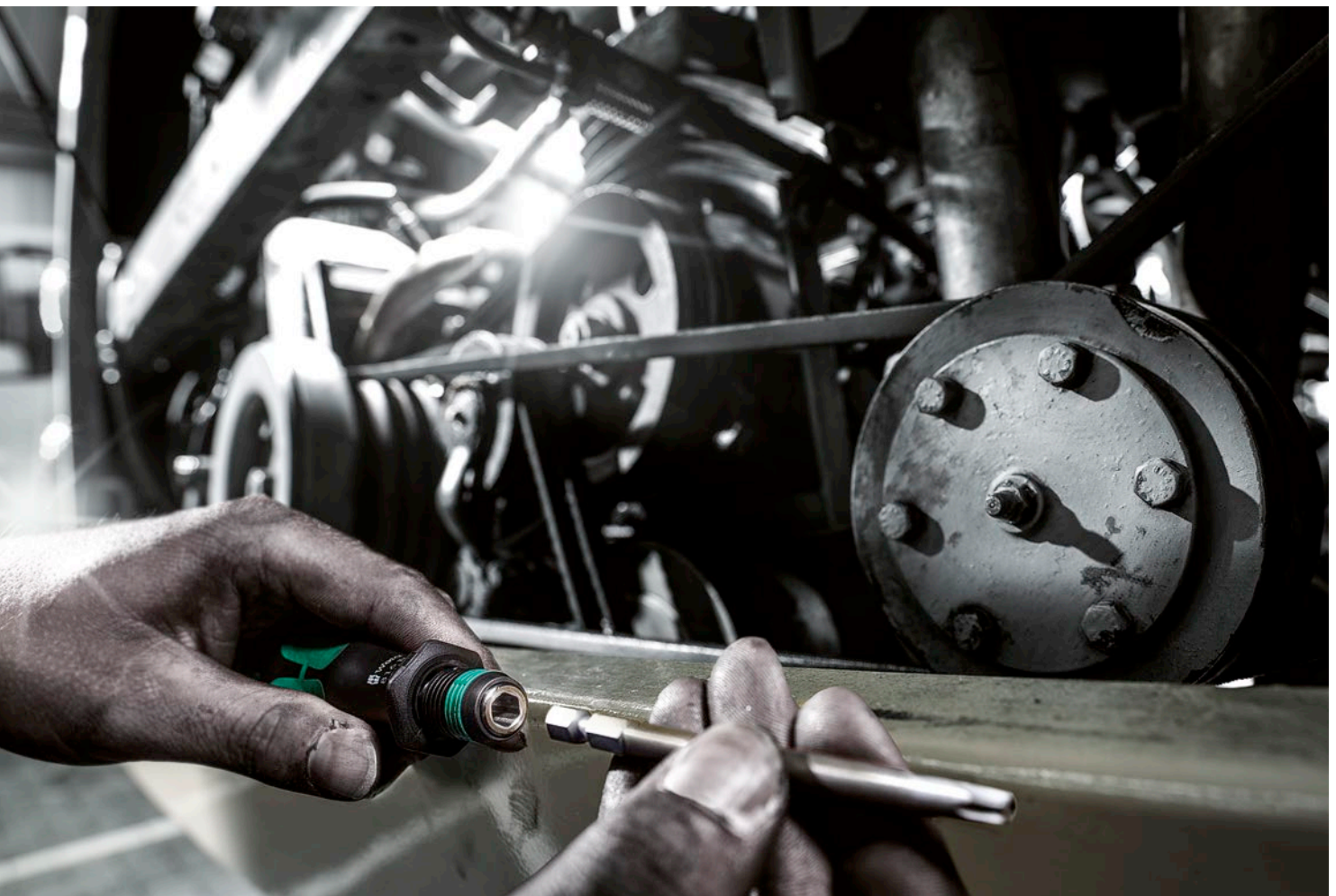


Pouch with 89 mm bits

11-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck

05059299001		
●	816 R	1 x 1/4"x119
⊕	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	855/4 Z PZ	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
⊕	867/4 Z TORX® B0	1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89



# Kraftform Kompakt 50

## Telescopic blade model

### Kraftform Kompakt 50



14-piece set

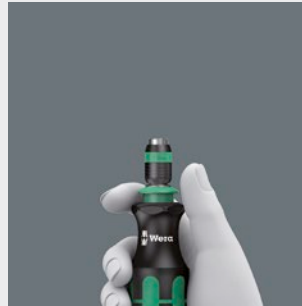
1 Kraftform bitholding screwdriver 817 R and telescopic blade with quick-release chuck Rapidaptor

05056656001	
●	817 R 1 x 1/4"x133
●	889/4 R 1 x 1/4"x100
+	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
+	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
+	867/1 Z TORX® BO 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
●	800/1 Z 1 x 0,6x4,5x25; 1 x 1,0x5,5x25

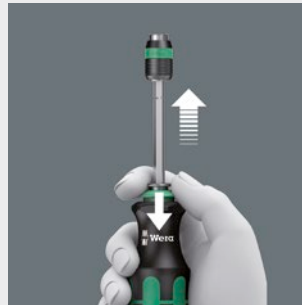


## Tip

### The telescopic blade



When the unique telescopic blade is lowered into the handle, fast, easy screw-driving action is possible, even in the tightest spots!



By pushing the clamping sleeve, the telescopic blade can be extended out of the handle and the compact tool becomes a full-sized screwdriver.



If the clamping sleeve is pushed again the telescopic blade can be taken out of the handle, and be used as a machine bit adaptor.



# Kraftform Kompakt 60, 62

## Bits of 89 mm in length

### Kraftform Kompakt 60 Torque 1.2 - 3.0 Nm



Pouch with 89 mm bits

17-piece set

1 Series 7400 Kraftform adjustable torque screwdriver (1.2-3.0 Nm) with Rapidaptor quick-release chuck

05059293001		
7400	1 x 7441x1/4"x1,2-3,0x155	
851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89	
855/4 Z PZ	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89	
867/4 Z TORX® BO	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89	
800/4 Z	1 x 1,0x5,5x89	
840/4 Z Hex-Plus	1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89	

### Kraftform Kompakt 60, stainless



Pouch with 89 mm bits, stainless steel

17-piece set

1 Kraftform stainless bitholding screwdriver 3816 R with Rapidaptor quick-release chuck

05071116001		
3816 R	1 x 1/4"x119	
3851/4	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89	
3855/4	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89	
3867/4 TORX® BO	1 x TX 10 B0x89; 1 x TX 15 B0x89; 1 x TX 20 B0x89; 1 x TX 25 B0x89; 1 x TX 30 B0x89	
3800/4	1 x 1,0x5,5x89	
3840/4 Hex-Plus	1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89	

## Kraftform Kompakt 60, imperial, stainless



Pouch with 89 mm bits, stainless steel

17-piece set

1 Kraftform stainless bitholding screwdriver 3816 R with Rapidaptor quick-release chuck

05071117001		
●	<b>3816 R</b>	1 x 1/4"x119
+	<b>3851/4</b>	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	<b>3867/4 TORX® B0</b>	1 x TX 10 B0x89; 1 x TX 15 B0x89; 1 x TX 20 B0x89; 1 x TX 25 B0x89; 1 x TX 30 B0x89
⊖	<b>3800/4</b>	1 x 1,0x5,5x89
⊙	<b>3840/4 Hex-Plus</b>	1 x 3/32"x89; 1 x 1/8"x89; 1 x 5/32"x89; 1 x 3/16"x89
⊚	<b>3868/4 Square-Plus</b>	1 x # 1x89; 1 x # 2x89; 1 x # 3x89

## Tip



### Adjustable torque screwdriver



Simple setting of the required torque by hand. Easy-to-read scale value.

Measurement accuracy is  $\pm 6\%$  in accordance with the standard EN ISO 6789. Distinctly audible and noticeable excess-load signal when the pre-set torque is reached.



### Vacuum ice-hardened



The stainless steel tools from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.



# Kraftform Kompakt 60, 62

## Bits of 89 mm in length

### Kraftform Kompakt 60



Pouch with 89 mm bits

17-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck

05059295001		
●	816 R	1 x 1/4"x119
⊕	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	855/4 Z PZ	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
⊕	867/4 Z TORX® BO	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89
⊖	800/4 Z	1 x 1,0x5,5x89
○	840/4 Z Hex-Plus	1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89

### Kraftform Kompakt 60, imperial



Pouch with 89 mm bits

17-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck

05051042001		
●	816 R	1 x 1/4"x119
⊕	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	867/4 Z TORX® BO	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89
⊖	800/4 Z	1 x 1,0x5,5x89
○	840/4 Z Hex-Plus	1 x 3/32"x89; 1 x 1/8"x89; 1 x 5/32"x89; 1 x 3/16"x89
◻	868/4 Square-Plus	1 x # 1x89; 1 x # 2x89; 1 x # 3x89

### Kraftform Kompakt 60 KK



Pouch with 89 mm bits

17-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck

05059294001		
●	816 R	1 x 1/4"x119
⊕	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	855/4 Z PZ	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
⊕	867/4 KK	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89; 1 x TX 40x89
○	842/4	1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89

## Kraftform Kompakt 62



Pouch with 89 mm bits

33-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck

05059297001		
●	816 R	1 x 1/4"x119
⊕	857/4 Z Spanner	1 x 4x89; 1 x 6x89; 1 x 8x89; 1 x 10x89
+	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
+	855/4 Z PZ	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
⊕	867/4 Z TORX® BO	1 x TX 8x89; 1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 27x89; 1 x TX 30x89; 1 x TX 40x89
⊖	800/4 Z	1 x 1,2x6,5x89
⊕	840/4 Z Hex-Plus BO	1 x 2,0x89; 1 x 2,5x89; 1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89
⊕	871/4 TORQ-SET® Mplus	1 x 6x89; 1 x 8x89; 1 x 10x89
⊕	875/4 TRI-WING®	1 x 1x89; 1 x 2x89; 1 x 3x89; 1 x 4x89

## Pouch for up to 17-piece sets Kraftform Kompakt, empty

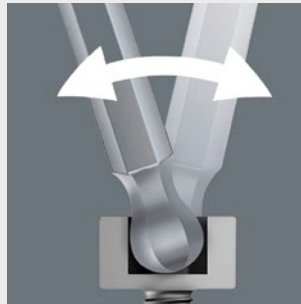


	mm	mm
05671387001	170,0	120,0

## Tip



### Ball tip



The spherical drive profile means that it is possible to swivel the axis of the tool to that of the screw, and therefore enable angled, "around-the-corner" screwdriving jobs.

## How can time wasted by using the wrong screwdriver be avoided?



Frequently, users have to work with their tools at a fixed workplace location as well as at external sites. Just as frequently, it is only on site that a decision is taken as to whether to work manually or with a power tool.

The Kraftform Kompakt tool sets equip the user for both types of operation with just single set. Additionally, the sets are kept in belt pouches or plastic cases. This keeps them secure and clean and means that they are clearly arranged for easy tool selection, something that is very practical when they are to be used or transported.







# Kraftform Kompakt 70 and 71

## Kraftform handle, Rapidaptor and 30 bits

### Kraftform Kompakt 70 universal



32-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck,  
1 universal bit holder 889/4/1 K Rapidaptor

05057110001		
●	816 R	1 x 1/4"x119
●○	889/4/1 K	1 x 1/4"x50
+	851/1 TZ PH	3 x PH 1x25; 3 x PH 2x25; 3 x PH 3x25
+	855/1 TZ PZ	3 x PZ 1x25; 3 x PZ 2x25; 3 x PZ 3x25
⊕	867/1 Z TORX® BO	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
⊖	800/1 TZ	1 x 0,6x4,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25
○	840/1 Z Hex-Plus	1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

### Kraftform Kompakt 71 security



32-piece set

1 Kraftform bitholding screwdriver 816 R with Rapidaptor quick-release chuck,  
1 universal bit holder 889/4/1 K Rapidaptor

05057111001		
●	816 R	1 x 1/4"x119
●○	889/4/1 K	1 x 1/4"x50
⊕	867/1 Z TORX® BO	1 x TX 7x25; 1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
⊖	840/1 Z Hex-Plus BO	1 x 2,0x25; 1 x 2,5x25; 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25
○	868/1 Z	1 x # 0x25; 1 x # 1x25; 1 x # 2x25; 1 x # 3x25
+	871/1 TORQ-SET® Mplus 25 mm	1 x 6x25; 1 x 8x25; 1 x 10x25; 1 x 1/4"x25
▲	875/1 TRI-WING® 25 mm	1 x 1x25; 1 x 2x25; 1 x 3x25
⊕	857/1 Z Spanner	1 x 4x25; 1 x 6x25; 1 x 8x25; 1 x 10x25



# Kraftform Kompakt 100

Bits, Bit Holders and L-keys in one tool set

## Kraftform Kompakt 100



52-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility. Compact tool set with 52 screwdriving tools. 1 hand holder Rapidaptor with quick-release chuck; 1 bit holder Rapidaptor with quick-release chuck; 30 BiTorsion bits (25 mm length) for long service life, tough (BTZ), for universal use, extra-hard (BTH), 12 Impaktor bits (50 mm length) for an above-average service life even under extreme conditions, 8 L-keys with Hex-Plus profile (reduces the notching effect that is damaging for the head of the screw) ball-end on long arm; extremely robust textile box, extremely robust, for long service life, can be stored in a spacesaving upright position; textile material for surface protection.

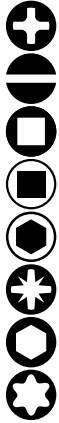


05057460001	
●	813 R 1 x 1/4"x90
●○	889/4/1 K 1 x 1/4"x50
+	851/1 BTZ PH 2 x PH 1x25; 4 x PH 2x25; 2 x PH 3x25
+	851/4 IMP DC 2 x PH 2x50; 1 x PH 3x50
+	855/1 BTH PZ 2 x PZ 1x25; 4 x PZ 2x25; 2 x PZ 3x25
+	855/4 IMP DC 2 x PZ 2x50; 1 x PZ 3x50
⊗	867/1 TORX® 2 x TX 10x25; 2 x TX 15x25; 3 x TX 20x25; BTZ 2 x TX 25x25; 2 x TX 30x25; 1 x TX 40x25
⊗	867/4 IMP DC 1 x TX 25x50; 1 x TX 30x50; 1 x TX 40x50
●	800/1 BTZ 1 x 0,8x5,5x25; 1 x 1,0x5,5x25
○	840/4 IMP DC 1 x 4,0x50; 1 x 5,0x50; 1 x 6,0x50
○	950 PKS 1 x 1,5x50 <sup>1)</sup> ; 1 x 2,0x56; 1 x 2,5x63; 1 x 3,0x71; 1 x 4,0x80; 1 x 5,0x90; 1 x 6,0x100; 1 x 8,0x112

<sup>1)</sup> Regular hexagon

# Kraftform Kompakt user-specific sets

## Kraftform Kompakt W 1 Maintenance



35-piece set; in surface-protecting, compact textile box, highly robust; low volume and weight for simplified mobility.

Compact tool set with the most important screwdriving tools for maintenance jobs both indoors as well as outdoors. VDE hand holder including 12 VDE blades; 1 Joker double open-ended wrench with holding function, limit stop, small return angle and extremely high-grip toothing; incl. the incredibly fast  $\frac{1}{4}$ " Zyklop Speed ratchet with accessories; 8 manual and power tool sockets in the dimensions 5.5-13, 1 universal bit holder; 7 25mm bits; 1 screw gripper to firmly hold screws; 1 voltage tester 247; textile box that is very robust and durable; can be positioned upright in the workshop shelf for tidy storage; additional surface protection thanks to the textile outer material; low weight and volume for simplified mobility.

05135926001		
●	817 VDE	1 x 9x102
●	KK 60 i	1 x 0,4x2,5x154
●	KK 60 iS	1 x 0,6x3,5x154; 1 x 0,8x4,0x154; 1 x 1,0x5,5x154
+	KK 62 iS	1 x PH 1x154; 1 x PH 2x154
+	KK 65 iS PZ	1 x PZ 1x154; 1 x PZ 2x154
+	KK 67 i TORX®	1 x TX 10x154
+	KK 67 iS TORX®	1 x TX 15x154; 1 x TX 20x154; 1 x TX 25x154
	1440	1 x 4,5 - 6,0x41,0
●	247	1 x 0,5x3,0x70
	Joker Double	1 x 10x13x167
○	8000 A	1 x 1/4"x152,0
●	8784 A1	1 x 1/4"x1/4"x37,0
●	8794 SA	1 x 1/4"x75,0
●	8790 HMA	1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 11,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
●	893/4/1 K	1 x 1/4"x50
+	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
○	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25
+	867/1 Z TORX®	1 x TX 25x25

Product not available in the USA and Canada.

## Kraftform Kompakt H 1 Woodcraft



41-piece set; in surface-protecting, compact textile box, highly robust; low volume and weight for simplified mobility.

Compact tool set with the 41 most important screwdriving tools for jobs involving wood: including the robust Bit Ratchet Zyklop Mini with extension and socket adaptor; 8 manual and power tool sockets in the dimensions 5.5-13; 1 hand holder 816 RA with ratchet function, fine toothing for small return angle, switch-over ring (right, fixed, left), maximum torque 50 Nm and bit take-up with Rapidaptor technology; 1 universal bit holder; 6 bits of 25mm in length; 16 bits of 89 mm in length; 5 twist drill bits for wood with a diameter of 3-8mm; 1 screw gripper to firmly hold screws; 1 voltage tester 247.

05135939001		
●	816 RA	1 x 1/4"x142,0
	8001 A	1 x 1/4"x87,0
○	870/1	1 x 1/4"x25
●	8794 SA	1 x 1/4"x75,0
●	8790 HMA	1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
●	893/4/1 K	1 x 1/4"x50
+	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
+	855/4 Z PZ	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
+	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25
+	867/4 Z TORX®	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89
+	867/1 Z TORX®	1 x TX 20x25; 1 x TX 25x25
○	840/4 Z Hex-Plus	1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89
●	800/4 Z	1 x 1,0x5,5x89
●	800/1 Z	1 x 1,0x5,5x25
+	849 HSS	1 x 3,0x70,0; 1 x 4,0x74,0; 1 x 5,0x85,0; 1 x 6,0x95,0; 1 x 8,0x110,0
●	247	1 x 0,5x3,0x70
	1441	1 x 4,5 - 6,0x41,0

Product not available in the USA and Canada.

## Kraftform Kompakt M 1 Metal



39-piece set; in surface-protecting, compact textile box, highly robust; low volume and weight for simplified mobility.

Compact tool set with the 39 most important screwdriving tools for jobs involving metal, including the incredibly fast  $\frac{1}{4}$ " Zyklop Speed ratchet with accessories; 7 manual and power tool sockets in the dimensions 5.5-13; 1 bit hand holder; 13 bits of 89 mm in length; 6 combination screw tap bits; 6 twist drill bits for metal with a diameter of 3-10mm; 1 screw gripper to firmly hold screws; 1 voltage tester 247; textile box that is very robust and durable; can be positioned upright in the workshop shelf for tidy storage; additional surface protection thanks to the textile outer material; low weight and volume for simplified mobility.

05135928001		
⊕	8000 A	1 x 1/4"x152,0
⊕	8794 LA	1 x 1/4"x150,0
⊕	8794 A	1 x 1/4"x56,0
⊕	8784 A1	1 x 1/4"x1/4"x37,0
⊕	816 R	1 x 1/4"x119
⊕	8790 HMA	1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 12,0x23,0; 1 x 13,0x23,0
⊕	851/4 Z PH	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	840/4 Z Hex-Plus	1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89
⊕	867/4 Z TORX®	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89
⊕	800/4 Z	1 x 1,0x5,5x89
⊕	847 HSS	1 x 2,5x36,0; 1 x 3,3x39,0; 1 x 4,2x41,0; 1 x 5,0x44,0; 1 x 6,8x51,0; 1 x 8,5x59,0
⊕	848 HSS	1 x 3,0x38,0; 1 x 4,0x44,0; 1 x 5,0x50,0; 1 x 6,0x50,0; 1 x 8,0x51,0; 1 x 10,0x54,0
	1441	1 x 4,5 - 6,0x41,0
⊕	247	1 x 0,5x3,0x70

Product not available in the USA and Canada.

## Tip

### Kraftform Kompakt user ranges



Kraftform Kompakt user ranges – the new special sets – compact yet very versatile. Suitable for all sanitary, wood, metal or electrical applications.

### Kraftform Kompakt H1 Wood



Compact tool set with the 41 most important screwdriving tools for jobs involving wood.

### Kraftform Kompakt W1 Maintenance



The perfect set for diverse maintenance jobs both indoors as well as outdoors - applications: electronics, mechatronics, building technology, photovoltaic etc. etc.



### Kraftform Kompakt M1 Metal



Compact tool set with the 39 most important screwdriving tools for jobs involving metal.

# Kraftform Kompakt user-specific sets

## Kraftform Kompakt SH 1 PlumbKit



2 Joker combination ratchet wrenches with special retaining plate to prevent slipping/loss of the screw and more power transfer, 1 Zyklop ratchet 8000 A (1/4") for rapid, powerful operation, 3 Zyklop sockets 8790 HMA for manual and power tool applications, 1 Zyklop adapter 8784 A1 for bits, 6 TORX® HF bits 867/4 with holding function for TORX® screws for secure hold without any loss of the screw, 1 voltage tester 247, 2 Kraftform Series 100 VDE slotted screwdrivers 160 i and 160 iS for safe work up to 1,000 volts (160 iS has a reduced blade diameter with integrated protective insulation to allow sunken screw and spring elements to be reached and actuated), 1 Kraftform chisel driver 932 A (slotted) with hexagon blade throughout and integrated impact cap for screwdriving and simple chiselling jobs, 2 socket wrench screwdrivers 395 H0 with hollow shaft for the tightening or loosening of screws on long bolts as well as for jammed screws.

05135927001	
●	Joker 1 x 10x159; 1 x 13x177
○	8000 A 1 x 1/4"x152,0
●	8790 HMA 1 x 7,0x23,0; 1 x 10,0x23,0; 1 x 13,0x23,0
●	8784 A1 1 x 1/4"x1/4"x37,0
⊕	867/4 TORX® 1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; HF 1 x TX 25x50; 1 x TX 30x50; 1 x TX 40x50
⊕	851/4 Z PH 1 x PH 1x89; 1 x PH 2x89
○	840/4 Z 1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89 Hex-Plus
●	247 1 x 0,5x3,0x70
●	160 iS 1 x 0,6x3,5x100
●	160 i VDE 1 x 1,0x5,5x125
●	932 A 1 x 1,2x7,0x125
●	395 H0 1 x 10,0x80; 1 x 13,0x80

Product not available in the USA and Canada.



# Bitholding Screwdrivers and Adaptors

Suitable for hand and power tool applications

## 3816 R Bit-holding screwdriver with Rapidaptor quick-release chuck, stainless



**Application:** Suitable for 1/4" hexagon insert bits, DIN ISO 1173-C 6,3 and E 6,3 and Wera Series 1 and 4

**Drive:** 1/4" hexagon with Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Handle:** Kraftform with non-roll feature, multi-component

		mm
05051465001	1/4"	119

## 816 R Bitholding screwdriver with Rapidaptor quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Drive:** 1/4" hexagon with Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology, magnetic

**Handle:** Kraftform with non-roll feature, multi-component

		mm
05051462001	1/4"	119

## 813 R Bitholding screwdriver with Rapidaptor quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Drive:** 1/4" hexagon with Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology, magnetic

**Handle:** Kraftform with non-roll feature, multi-component

		mm
05051272001	1/4"	90

## 816 R SB Bitholding screwdriver with Rapidaptor quick-release chuck

		4013288
05073540001	1 x 1/4"x119	106032



## 489 R T-handle Rapidaptor



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Drive:** 1/4" hexagon with Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology, magnetic

**Handle:** T-handle, multi-component

		mm	mm	mm		
05013390001	1/4"	45	44	87	1 25/32"	

## 817 R Bitholding screwdriver with Rapidaptor quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6.3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Drive:** 2 position telescopic blade, can be retracted into the handle for confined space operation or extended for more reach, can also be removed and used as a 100mm bit holder in the power tool, 1/4" hexagon suitable for power tools with DIN ISO 1173-F 6.3 chuck

**Design:** 1/4" hexagon with Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology, magnetic

**Handle:** Kraftform with non-roll feature, multi-component

			mm
05051482001	1/4"	133	

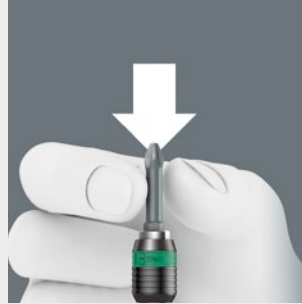
## 817 R SB Bitholding screwdriver with Rapidaptor quick-release chuck

			4013288
05073541001	1 x 1/4"x133		106025



# Rapidaptor

## Rapid-in and self-lock



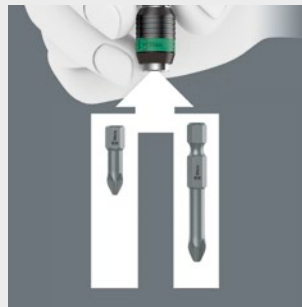
The bit can be pushed into the adaptor without moving the sleeve. The lock is activated automatically as soon as the bit is applied to the screw. Bits are held securely and wobble-free.

## Rapid-out



Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. The rapid-out function makes it easy to remove even the smallest bits without extra tools.

## Chuck-all



The Rapidaptor quick-release chucks hold 1/4" DIN ISO 1173-C 6,3 and E 6,3 as well as Wera series 1 and 4 bits.

## Single-hand function



Every function of the Rapidaptor quick-release chuck, such as inserting or releasing bits, can be carried out with one hand. This is faster, more economical and more ergonomic. There are no unnecessary manoeuvres.



# Bitholding Screwdrivers and Adaptors

Suitable for hand and power tool applications

## 820/1/6 Combination screwdriver with strong permanent magnet and bits



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** Hexagon

**Design:** Strong permanent magnet

**Handle:** Kraftform, single-component, rotary magazine

05051620001	
●	819/1 Vario 1 x 1/4"x120
⊕	867/1 Z TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

## 819/1/6 PH Combined Screwdriver with strong permanent magnet and bits



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** Hexagon

**Design:** With strong permanent magnet

**Handle:** Kraftform, one component, rotary magazine

05346280001	
●	819/1 Vario 1 x 1/4"x120
⊕	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
●	800/1 Z 1 x 0,6x4,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

## 819/1/6 Combination screwdriver with strong permanent magnet and bits



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

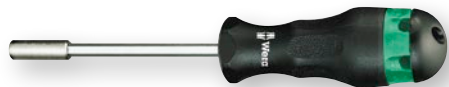
**Blade:** Hexagon

**Design:** Strong permanent magnet

**Handle:** Kraftform, single-component, rotary magazine

05051615001	
●	819/1 Vario 1 x 1/4"x120
⊕	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
⊕	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
●	800/1 Z 1 x 0,8x5,5x25; 1 x 1,2x6,5x25

## 819/1 Combination screwdriver with strong permanent magnet, without bits



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** Hexagon

**Design:** Strong permanent magnet

**Handle:** Kraftform, single-component, rotary magazine

		mm	mm	mm	
05051610001	1/4"	120	110	10,5	4 3/4"





### 392 Bitholding screwdriver with flexible shaft



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon bits and Wera Series 1

**Design:** Wera quick-release chuck

**Handle:** Kraftform with non-roll feature, multi-component

		 mm	 mm	 "
05028160001	1/4"	177	98	7"




### 813 Bitholding screwdriver



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Drive:** 1/4" hexagon, magnetic

**Handle:** Kraftform with non-roll feature, multi-component

		 mm	 mm
05051274001	1/4"	78	68

### 812/1 Bitholding screwdriver with strong permanent magnet








**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** Hexagon

**Design:** Strong permanent magnet, chrome-plated

**Handle:** Kraftform with non-roll feature, multi-component

		 mm	 mm	 mm	 "
05051205001	1/4"	120	112	10,5	4 3/4"

### 811/1 Stubby







**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** Round

**Design:** Extra short with strong permanent magnet

**Handle:** Kraftform, single-component

		 mm	 mm	 "
05051105001	1/4"	10	54	3/8"

### 810/1 Bitholding screwdriver with retaining ring








**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** Hexagon

**Design:** Retaining ring, chrome-plated

**Handle:** Kraftform with non-roll feature, multi-component

		 mm	 mm	 mm	 "
05051005001	1/4"	120	112	10,5	4 3/4"

# Kraftform Kompakt Vario

## With Ratchet Function

### Kraftform Kompakt 60 RA



Pouch with 89 mm bits  
17-piece set

1 hand-held bit holder 816 RA Kraftform with ratchet function, fine-tooth design for minimal return angle, switchover ring (right, locked, left), maximum torque of up to 50 Newton metres, 1/4" hexagon chuck with Rapidaptor technology i.e. rapid-in, rapid-out, rapid-spin, chuck-all and single-hand function for rapid bit change, magnetic and 16 bits of 89 mm in length suitable for holders as per DIN ISO 1173-F 6,3 or for direct insertion in a power tool

05051040001		
●	<b>816 RA</b>	1 x 1/4"x142,0
⊕	<b>851/4 Z PH</b>	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	<b>855/4 Z PZ</b>	1 x PZ 1x89; 1 x PZ 2x89; 1 x PZ 3x89
⊕	<b>867/4 Z TORX® BO</b>	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89
●	<b>800/4 Z</b>	1 x 1,0x5,5x89
○	<b>840/4 Z Hex-Plus</b>	1 x 3,0x89; 1 x 4,0x89; 1 x 5,0x89; 1 x 6,0x89

### Kraftform Kompakt 60 RA, imperial



Pouch with 89 mm bits  
17-piece set

1 hand-held bit holder 816 RA Kraftform with ratchet function, fine-tooth design for minimal return angle, switchover ring (right, locked, left), maximum torque of up to 50 Newton metres, 1/4" hexagon chuck with Rapidaptor technology i.e. rapid-in, rapid-out, rapid-spin, chuck-all and single-hand function for rapid bit change, magnetic and 16 bits of 89 mm in length suitable for holders as per DIN ISO 1173-F 6,3 or for direct insertion in a power tool

05051041001		
●	<b>816 RA</b>	1 x 1/4"x142,0
⊕	<b>851/4 Z PH</b>	1 x PH 1x89; 1 x PH 2x89; 1 x PH 3x89
⊕	<b>867/4 Z TORX® BO</b>	1 x TX 10x89; 1 x TX 15x89; 1 x TX 20x89; 1 x TX 25x89; 1 x TX 30x89
●	<b>800/4 Z</b>	1 x 1,0x5,5x89
○	<b>840/4 Z Hex-Plus</b>	1 x 3/32"x89; 1 x 1/8"x89; 1 x 5/32"x89; 1 x 3/16"x89
○	<b>868/4 Square-Plus</b>	1 x # 1x89; 1 x # 2x89; 1 x # 3x89

### 816 RA Ratchet screwdriver



**Application:** Suitable for hexagon socket insert bits as per DIN ISO 1173-C 6,3 and E 6,3 and Wera series 1 and 4

**Design:** Ratchet, fine-tooth design for minimal return angle, switchover ring (right, locked, left), maximum torque of up to 50 Newton metres, 1/4" hexagon chuck with Rapidaptor technology i.e. rapid-in, rapid-out, rapid-spin, chuck-all and single-hand function for rapid bit change, magnetic

**Handle:** Kraftform with non-roll feature, multi-component

	○	8,1	mm
05051461001	1/4"	142,0	



## 80 RA Vario ratchet screwdriver



**Application:** Suitable for 6 mm Wera Vario blades

**Design:** Ratchet, fine-tooth design for minimal return angle, switchover ring (right, locked, left), maximum torque of up to 50 Newton metres, 6 mm hexagon chuck

**Handle:** Kraffform with non-roll feature, multi-component








		
	mm	mm
05002901001	6	115,0

## Kraffform Kompakt Vario RA SB



Pouch with 175 mm Wera Vario double-ended blades, 6 mm hexagon shaft  
7-piece set

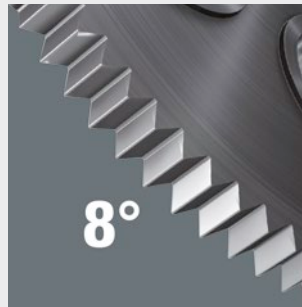
1 Kraffform Kompakt Vario RA hand-held bit holder with ratchet function, fine-tooth design for minimal return angle, switchover ring (right, fixed, left), maximum torque of up to 50 Newton meters, 6 mm hexagon chuck for Wera Vario double-ended blades, 6 Vario double-ended blades (= 12 different dimensions)

		
05073665001		
	80 RA	1 x 6x115,0
	85	1 x PH 1xPH 2x175
	86	1 x PZ 1xPZ 2x175
	87	1 x TX 10xTX 15x175; 1 x TX 20xTX 25x175
	81	1 x 0,6x4,0x1,0x6,0x175
	84 <sup>1)</sup>	1 x 4x5x175

<sup>1)</sup> without ball-end

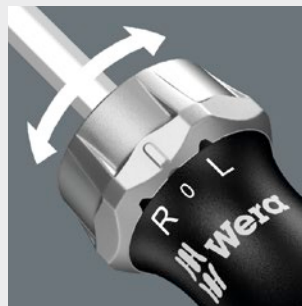
## Tip

### Fine-tooth design



Fine tooth system for precision work.

### Reverse direction switch



Fine action 44 tooth system. Great time savings when screwdriving. Ergonomic design of the reverse direction switch.

### Fine adjustment work



Additionally, the lockable neutral position permits exact adjustment work without having to change the screwdriving direction every time. Lockable neutral position for fine adjustment work.

## Kraffform Kompakt Vario RA SB



The 6 mm double-ended blades of 175 mm length are out of high quality bit material which gives them a particularly long service life.

# Kraftform Kompakt Vario

## With Ratchet Function

### Kraftform Kompakt Pistol RA



7-piece set

1 hand-held bit holder 814 RA Kraftform, integrated Magazine, with ratchet function, fine-tooth design for minimal return angle, switchover ring (right, locked, left), maximum torque of up to 50 Newton metres, 1/4" hexagon chuck with Rapidaptor technology i.e. rapid-in, rapid-out, rapid-spin, chuck-all and single-hand function for rapid bit change, magnetic and 6 bits of 25 mm in length suitable for holders as per DIN ISO 1173-D 6,3

Holster

05051030001	
	814 RA 1 x 1/4"
+	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
+	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
+	867/1 TORX® 1 x TX 20x25; 1 x TX 25x25



### Kraftform Kompakt 27 RA 1 SB



**Application:** Suitable for hexagon socket insert bits as per DIN ISO 1173-C 6,3 and Wera series 1

**Design:** Ratchet, fine-tooth design for minimal return angle, switchover ring (right, locked, left), maximum torque of up to 50 Newton metres, hexagon blade with 1/4" hexagon chuck, stainless steel sleeve, strong permanent magnet

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine

05073660001	
+	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
+	855/1 Z PZ 1 x PZ 1x25; 1 x PZ 2x25
+	800/1 Z 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

### Kraftform Kompakt 27 RA 2 SB



**Application:** Suitable for hexagon socket insert bits as per DIN ISO 1173-C 6,3 and Wera series 1

**Design:** Ratchet, fine tooth system for minimal return angle, switchover ring (clockwise, locked, anticlockwise), maximum torque of up to 50 Newton metres, hexagon blade with 1/4" hexagon chuck, stainless steel sleeve, strong permanent magnet

**Handle:** Kraftform with non-roll feature, multi-component, integrated magazine for 6 bits (25 mm)

05073661002	
+	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
+	800/1 Z 1 x 1,0x5,5x25; 1 x 1,2x6,5x25
+	868/1 Z 1 x # 1x25; 1 x # 2x25



# Kraftform Kompakt Vario

## Without Ratchet Function

### 88/1 Vario set



11-piece set, specifically for demanding workshop environments

Icon	Part No.	Description
●	80	1 x 6x98
+	85	1 x PH 1xPH 2x175
+	86	1 x PZ 1xPZ 2x175
⊗	87	1 x TX 10xTX 15x175; 1 x TX 20xTX 25x175; 1 x TX 30xTX 40x175
⊖	81	1 x 0,6x4,0x1,0x6,0x175; 1 x 0,8x5,0x1,2x7,0x175
○	84	1 x 4x4x175; 1 x 5x5x175; 1 x 6x6x175

### 80 Vario handle



**Application:** 6 mm Vario blades and adaptors

**Handle:** Kraftform with non-roll feature, multi-component, 10 mm bolster

Icon	mm	mm	mm
0500290001	6	10	98

### 95 Vario T-handle



**Application:** 6 mm Vario blades and adaptors

**Handle:** T-handle, single-component

Icon	mm	mm	mm	mm
05003265001	6	56	44	2 1/4"

### 830 Vario bit holder adaptor



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Blade:** 6 mm hexagon, chrome-plated

**Drive:** Wera 1/4" quick-release chuck with strong permanent magnet

Icon	mm	mm	mm	mm
05051835001	1/4"	6	165	6 9/16"

### 91 Vario extension



**Application:** Vario blades and adaptors

**Blade:** 6 mm hexagon, chrome-plated





**Drive:** 6 mm hexagon socket

Icon	mm	mm	mm	mm
05003210001	6	6	175	7"

## 712 Vario socket adaptor










**Application:** Suitable for 1/4" square drive sockets  
**Blade:** 6 mm hexagon, chrome-plated  
**Drive:** 1/4" square head

		 mm	 mm	 mm
05040001001	1/4"	6	175	7"

## 81 Combination blade for slotted screws









**Application:** Slotted screws  
**Blade:** 6 mm hexagon  
**Design:** Chrome-plated, Black Point

	 mm	 mm	 mm	 mm	 mm	 mm	 mm
05002910001	0,6	4,0	1,0	6,0	6	175	7"
05002913001	0,8	5,0	1,2	7,0	6	175	7"

## 82 Combination blade for slotted/Phillips screws



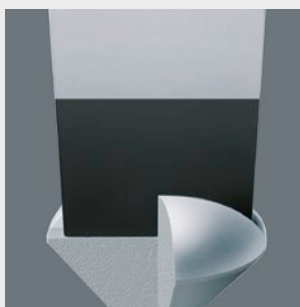
**Application:** Slotted screws and Phillips screws  
**Blade:** 6 mm hexagon  
**Design:** Chrome-plated, Black Point

		 mm	 mm	 mm	 mm	 mm
05002920001	PH 1	0,6	4,0	6	175	7"
05002923001	PH 2	1,0	6,0	6	175	7"
05002926001	PH 3	1,2	7,0	6	175	7"

## Tip



### Black Point Tip



The Wera Black Point tip provides an exact fit with optimum corrosion protection.

### High quality bit material



The 6 mm double-ended blades of 175 mm length are out of high quality bit material which gives them a particularly long service life.

### Adaptor



1/4" hexagon and square drives as per DIN ISO 1173-C 6,3 and DIN 3120 can also be driven with the 6 mm handles by attaching an adaptor.



# Kraftform Kompakt Vario

## Without Ratchet Function

### 83 Combination blade for Phillips/Pozidriv screws



**Application:** Phillips screws and Pozidriv screws

**Blade:** 6 mm hexagon

**Design:** Chrome-plated, Black Point

			mm	mm	
05002930001	PH 1	PZ 1	6	175	7"
05002933001	PH 2	PZ 2	6	175	7"

### 86 Combination blade for Pozidriv screws



**Application:** Suitable for Pozidriv screws

**Blade:** 6 mm hexagon

**Design:** Chrome-plated, Black Point

			mm	mm	
05002960001	PZ 1	PZ 2	6	175	7"
05140310001	PZ 2	PZ 3	6	175	7"

### 84 Combination blade for hexagon socket screws



**Application:** Hexagon socket screws

**Blade:** 6 mm hexagon

**Design:** Chrome-plated, Black Point

			mm	mm	
05002936001	2,5	2,5	6	175	7"
05002938001	3	3	6	175	7"
05002940001	4	4	6	175	7"
05002943001	5	5	6	175	7"
05002948001 <sup>1)</sup>	4	5	6	175	7"
05002946001	6	6	6	175	7"

<sup>1)</sup> without ball-end

### 87 Combination blade for TORX® screws



**Application:** TORX® socket screws

**Blade:** 6 mm hexagon

**Design:** Chrome-plated, Black Point

			mm	mm	
05002966001	TX 6	TX 8	6	175	7"
05002968001	TX 7	TX 9	6	175	7"
05002970001	TX 10	TX 15	6	175	7"
05002973001	TX 20	TX 25	6	175	7"
05002976001	TX 30	TX 40	6	175	7"

### 85 Combination blade for Phillips screws



**Application:** Phillips screws

**Blade:** 6 mm hexagon

**Design:** Chrome-plated, Black Point

			mm	mm	
05002950001	PH 1	PH 2	6	175	7"

### 68 Combination blade for square socket screws



**Application:** For square socket screws

**Blade:** 6 mm hexagon

**Design:** Mat nickel, Black Point

			mm	mm	
05002980001	#1	#2	6	175	7"



044 377-0

Unt. Bwg 20.9.72





# Products for Power Tool Use



Bits

256



Holders and Adaptors

354


























Sets

380





# Bits

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# Bits

The right bit for every screw and for every power tool connection. The right quality for every user.

Thanks to the high-precision profile design and the outstanding concentricity properties, Wera bits provide for dependable working and offer great durability. Wera bits are designed for professional applications in industry as well as in the trade.

They enable higher torque transfer and typically have a long service life. Material and manufacturing expertise, established over decades, combined with sophisticated hardening technologies form the foundation upon which our premium quality is based.



## Impaktor-Bits

Impact bits are needed when a strong power tool is used. Impact bits were specifically developed to withstand high power tool forces.

## Stainless Steel-Bits

Wera stainless steel bits are manufactured out of stainless steel so unsightly rust can be avoided. The stainless steel bits from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.

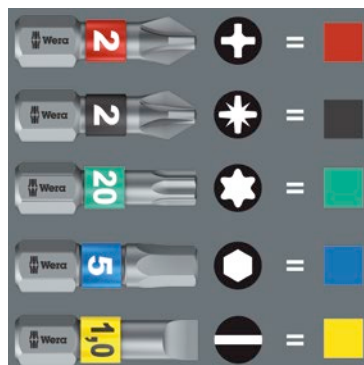
## BiTorsion-Bits

BiTorsion bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.



#### Bits with diamond coating

The diamond coating of the DC bits lowers the danger of slipping as the minute diamond particles literally “bite” themselves into the screw head.



#### “Take it easy”

“Take it easy” tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.

# Impaktor Bits

We were not too happy that disintegrating bits flew around users faces as screwdriving with power tools took place with ever-higher power outputs.

We scrutinised the geometry and material properties of the bits for every screw profile. We analysed the destroyed bits, holders and screws in detail. The result is the Impaktor system – our entire know-how from bit manufacturing combined in our very best bit series.



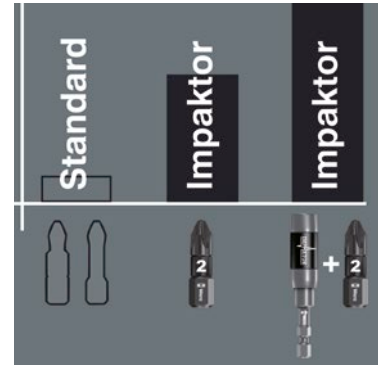
For use with impact screwdrivers. Improve productivity when screwdriving with power tools.



Maximum utilisation of the material properties, a very special geometry – designed particularly to meet the extreme demands – as well a specific manufacturing process mean that Wera Impaktor tools have an above-average service life.



Particularly high strength. Reduce the danger of premature bit breakage.



Torsion zone specially designed to absorb such forces and thereby protect the bit tip.



Another product advantage is the coating of the Impaktor bits with minute diamond particles.



These diamond particles reduce the cam-out effects – particularly high in power tool applications – which can lead to a slipping out of the screw head. The diamond particles literally bite themselves into the screw recess. This means that less contact pressure is required, something that greatly delays fatigue setting-in in power tool screwdriving jobs.



Wera's Impaktor system consisting of Impaktor bits and Impaktor holders is today's necessary addition to the BiTorsion system with the creation of the TriTorsion system.



The combination of the double torsion zones in the Impaktor holder and the torsion zone in the Impaktor bit result in the so-called TriTorsion system.

# BiTorsion Bits

Peak forces that occur in power tool applications often result in premature wear of bits or damage to the screw head. This usually occurs during initial power-up and the when the screw comes to a standstill.

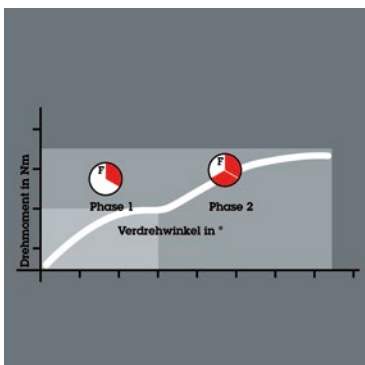
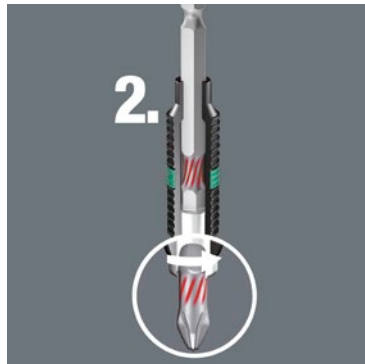
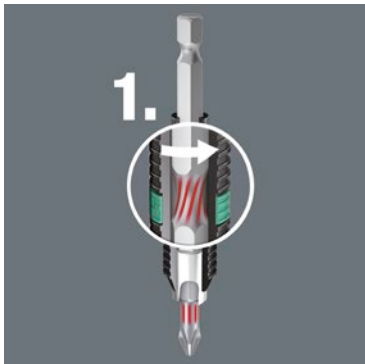
Screwdriving could become more productive and safer if these peak loads could be minimised. The Wera BiTorsion system prevents premature wear. The service life of the tool is extended and the productivity of power tool applications significantly increased.



The optimally coordinated features of the torsion zones on the bit and holder permit a phased yield when under strain. The two-phase system prevents premature wear. Moreover, a long tool service life is also ensured by the hardness of the bits that matches the respective application.

Any overloading of this spring is effectively prevented by means of a supporting mechanism. Higher peak loads are minimised through the torsion effect of the bit shaft (Phase 2). This effect is achieved with a specific heat treatment after the hardening process of the bits. This reduces the hardness of the shaft in comparison to the drive tip.

The BiTorsion holder and the BiTorsion bit can, of course, be used independently of one another.



Even the service life of conventional bits is enhanced with the use of the BiTorsion holder and the BiTorsion bit also functions in a normal holder.

The effectiveness of the BiTorsion system comes from a combination of two shock-absorbing spring elements. Both bits as well as holders have a cushioning torsion zone that diverts the kinetic energy away from the drive tip during peak loads.

The optimally coordinated features of the torsion zones on the bit and holder permit a phased yield when under strain. The two-phase system prevents premature wear. Moreover, a long tool service life is also ensured by the hardness of the bits that matches the respective application.



NO STEP



# Diamond-coated Bits

One of the greatest problems with power tool applications is that the conventional bit easily slips out of the head of the screw (cam-out). This often destroys both the head of the screw and the tool.

High resulting costs are incurred e.g. from damaged surfaces and screw connections that can no longer be loosened.

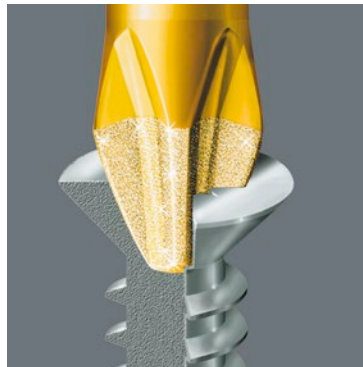
Screwdriving will become safer and more economic if this problem of slipping can be minimised.



To solve this fundamental problem, Wera launched a diamond-coated bit on to the market in 1992.



Today, the Wera diamond bit – manufactured with the technology specifically developed by Wera for this application – still sets the standard in terms of resilience and functionality. Wera bits with a diamond coating ensure a secure fit of the bit in the screw head.

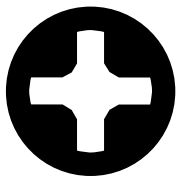


Particularly when applications involve sensitive materials or high quality surfaces are involved, bits with a diamond coating ensure that work is done safer, faster and at lower cost.



The minute diamond particles applied to the tip of the tool literally “bite” into the screw and ensure an exact, anti-slip fit in the head of the screw. This secure fit protects the screw. The cam-out forces which compel the user to apply greater pressure to the screw are considerably reduced.





# Bits for Phillips Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 851/1 IMP DC Impaktor bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

	+	mm	"
05057615001	PH 1	25	1"
05057616001	PH 2	25	1"
05057617001	PH 3	25	1"

## 851/1 IMP DC SB Impaktor bits

	+		4013288
05073916001	+	1 x PH 2x25	158369
05073917001	+	1 x PH 3x25	158376



## 3851/1 TS bits, stainless



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Stainless steel for minimising rust, special torsion-style design to reduce premature wear. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

	+	mm	"
05071010001	PH 1	25	1"
05071011001	PH 2	25	1"
05071012001	PH 3	25	1"

## 3851/1 TS SB bits, stainless

		4013288
05073610001	+	1 x PH 1x25 112132
05073611001	+	1 x PH 2x25 112149
05073612001	+	1 x PH 3x25 112156



## 851/1 BDC bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, diamond-coated for secure screw fit. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

	+	mm	"
0505640001	PH 1	25	1"
05056402001	PH 2	25	1"
05056404001	PH 3	25	1"

## 851/1 BDC SB bits

		4013288
05073332001	1 x PH 1x25	029324
05073333001	1 x PH 2x25	029331
05073334001	1 x PH 3x25	029348
05073335001	2 x PH 2x25	029355



## Tip



### Impaktor-Bits



Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.



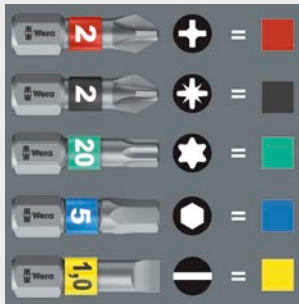
### Stainless Steel Bits



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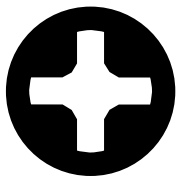


### "Take it easy"



"Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.





# Bits for Phillips Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 851/1 BTH bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-hard. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

	+	mm	"
05056410001	PH 1	25	1"
05056412001	PH 2	25	1"
05056414001	PH 3	25	1"

## 851/1 ADC bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Diamond-coated for secure screw fit, profiled version

	+	mm	"	mm
05134940001	PH 1	25	1"	4,5
05134941001	PH 2	25	1"	6,0
05134942001	PH 3	25	1"	-

## 851/1 A bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Extra-hard, profiled version

	+	mm	"	mm
05134919001	PH 1	25	1"	4,5
05134920001	PH 2	25	1"	6,0
05134921001	PH 3	25	1"	-

## 851/1 BTZ bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

	+	mm	"
05056420001	PH 1	25	1"
05056422001	PH 2	25	1"
05056424001	PH 3	25	1"

### 851/1 AH bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Industrial version for optimum torque transfer with increased depth of penetration into the screw recess, 1/4" hexagon over the entire bit length, extra-hard, profiled version

		mm	"
05380155001	PH 1	25	1"
05380156001	PH 2	25	1"
05380157001	PH 3	25	1"

### 851/1 RDC bits



**Application:** Drywall screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Reduced shaft diameter, diamond-coated for secure screw fit

		mm	"	mm
05135008001	PH 2	25	1"	4,2

### 851/1 RH bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Reduced shaft diameter, extra-hard, profiled version

		mm	"	mm
05380158001	PH 1	25	1"	4,2
05346281001	PH 2	25	1"	4,2

## Tip

### A-Bits



A stands for aviation. A bits are particularly hard bits with a sharp-edged profile which e.g. penetrates screw profiles full of paint (such as on fuselage panels) ensuring a dependable transfer of force between the bit and the screw.



### Bits with diamond coating



The diamond coating of the DC bits lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head.



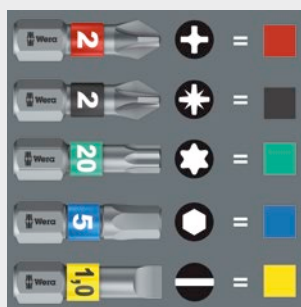
### BTH-Bits



BTH-Bits have an additional tempered BiTorsion zone, which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.



### "Take it easy"



"Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.









## 851/1 RZ bits






**Application:** Drywall screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Reduced shaft diameter, tough, for universal use

		 mm	 "	 mm
05135009001	PH 2	25	1"	4,2

## 851/1 RZ SB bits

		 4013288
05135005001	 2 x PH 2x25	038456



## Tip

### Bits with reduced shaft diameter



Bits with reduced shaft diameter ensure that screws can be sunk without damaging the surface. This is particularly necessary in drywall construction applications.





# Bits for Phillips Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 851/1 TH bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, extra-hard

	+	mm	"
05056605001	PH 1	25	1"
05056610001	PH 2	25	1"
05056625001	PH 3	25	1"

## 851/1 TiN bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** TiN coating for the hardness needed e.g. in series screwdriving operations

	+	mm	"
05480171001	PH 1	25	1"
05480172001	PH 2	25	1"
05480173001	PH 3	25	1"

## 851/1 TiN SB bits

		4013288
05073512001	2 x PH 1x25	105806
05073513001	2 x PH 2x25	106513
05073514001	2 x PH 3x25	105820
05073515001	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25	105837



### 851/1 TZ bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use

	+	mm	"
05056505001	PH 1	25	1"
05056510001	PH 2	25	1"
05056525001	PH 3	25	1"

### 851/1 TZ SB bits

		4013288
05073323001	2 x PH 1x25	029249
05073324001	2 x PH 2x25	029256
05073325001	2 x PH 3x25	029263
05073326001	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25	029270



### 853/1 TZ bits, ACR®



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use, ACR® (Anti Cam-Out Ribs) prevents bits from slipping out of screw head

	+	mm	"
05056660001	PH 1	25	1"
05056662001	PH 2	25	1"
05056664001	PH 3	25	1"

## Tip

### ACR®-Bits



ACR® stands for "anti-cam-out ribs". ACR® bits have ribs at the drive tip that protect against slipping out of the screw head. It is recommended that ACR® bits are matched with ribbed ACR® screws for maximum effect. ACR® is a registered trademark of Phillips Screw Company.

### TiN-Bits



TiN stands for titanium-nitride. An extremely hard coating to withstand permanent loads such as during continual screwdriving operations in series manufacturing.



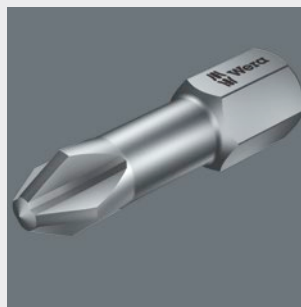
### TH-Bits



TH-Bits are hard bits with a torsion zone. Torsion bits absorb the damaging peak torque loads in the torsion zone. This prevents premature wear and enhances the service life of the bits.



### TZ-Bits



TZ-Bits are tough bits with a torsion zone. Torsion bits absorb the damaging peak torque loads in the torsion zone. This prevents premature wear and enhances the service life of the bits.





# Bits for Phillips Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 851/1 Z bits



**Application:** Phillips screws

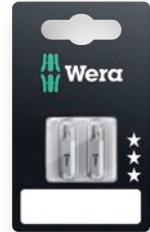
**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

	+	mm	"
05056500001	PH 0	25	1"
05072070001	PH 1	25	1"
05056507001	PH 1	50	2"
05072072001	PH 2	25	1"
05056515001	PH 2	32	1 1/4"
05056520001	PH 2	50	2"
05072074001	PH 3	25	1"
05134905001	PH 3	50	2"
05056535001	PH 4	32	1 1/4"

## 851/1 Z SB bits

		4013288
05073304001	2 x PH 1x25	029058
05073305001	2 x PH 2x25	029065
05073306001	2 x PH 3x25	029072
05073307001	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25	029089



## 851/1 Z DIY bits

		4013288
05072400001	10 x PH 1x25	115737
05072401001	10 x PH 2x25	115744
05072402001	10 x PH 3x25	115751



## 851/1 Z DIY 100 bits

		4013288
05072440001	100 x PH 1x25	138460
05072441001	100 x PH 2x25	138477







## 851/1 J bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use; PH 0: JCIS (Japanese Camera Industrial Standard)

		 mm	 1"	 mm
05135040001	PH 00	25	1"	2,0
05135041001	PH 0	25	1"	2,5
05135042001	PH 1	25	1"	3,0

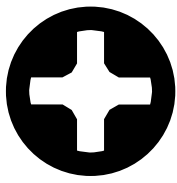
# Tip

## J-Bits



J stands for Japan. J bits have been optimised to suit Asian PH screws. In particular, they are for use with very small dimensions as set out in the Japanese Camera Standard.





# Bits for Phillips Screws

 1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)




## 851/4 IMP DC Impaktor bits







**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

		 mm	 "
05057656001	PH 2	50	2"
05057657001	PH 3	50	2"

## 851/4 IMP DC SB Impaktor bits

		
05073956001	 1 x PH 2x50	4013288 158482
05073957001	 1 x PH 3x50	158499






## 3851/4 Bits, stainless



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Stainless steel for minimising rust

		 mm	 "
05071081001	PH 1	89	3 1/2"
05071082001	PH 2	89	3 1/2"
05071083001	PH 3	89	3 1/2"




## 851/4 BDC bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** BiTorsion for long service life, diamond-coated for secure screw fit. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

		 mm	 "
05059530001	PH 1	50	2"
05059532001	PH 2	50	2"
05059534001	PH 3	50	2"

### 851/4 BTH bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** BiTorsion for long service life, extra-hard. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

	+	mm	"
05059540001	PH 1	50	2"
05059542001	PH 2	50	2"
05059544001	PH 3	50	2"

### 851/4 BTZ bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use. Take it easy toolfinder: Output colour coding (red = Phillips) and large stamp to enable the desired bit to be easily located.

	+	mm	"
05059550001	PH 1	50	2"
05059552001	PH 2	50	2"
05059554001	PH 3	50	2"

## Tip



### Impaktor-Bits



Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.



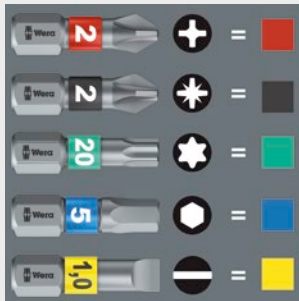
### BDC-Bits



BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits. The diamond coating lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.

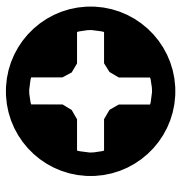


### "Take it easy"



"Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.





# Bits for Phillips Screws

 1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





## 851/4 ADC bits



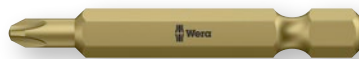
**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Extra-hard, diamond-coated for secure screw fit, profiled version

		 mm	 mm	 mm
05134950001	PH 1	50	2"	4,5
05134951001	PH 2	50	2"	6
05134952001	PH 3	50	2"	-





## 851/4 RH Reduced tip bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Reduced shaft diameter, extra-hard

		 mm	 mm	 mm
05380160001	PH 1	50	2"	4,2
05380161001	PH 2	50	2"	4,2





## 851/4 A bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Extra-hard, profiled version

		 mm	 mm	 mm
05134929001	PH 0	50	2"	3
05134906001	PH 0	70	2 3/4"	3
05134907001	PH 0	89	3 1/2"	3
05134908001	PH 0	152	6"	3
05134930001	PH 1	50	2"	4,5
05134370001	PH 1	70	2 3/4"	4,5
05134372001	PH 1	89	3 1/2"	4,5
05134909001	PH 1	152	6"	4,5
05134931001	PH 2	50	2"	6
05134371001	PH 2	70	2 3/4"	6
05134373001	PH 2	89	3 1/2"	6
05134910001 <sup>1)</sup>	PH 2	152	6"	6
05134911001 <sup>2)</sup>	PH 2	152	6"	6
05134932001	PH 3	50	2"	-
05134912001	PH 3	50	2"	8
05134913001	PH 3	70	2 3/4"	8
05134914001	PH 3	89	3 1/2"	8
05134915001	PH 3	152	6"	8
05160983001	PH 4	50	2"	10

<sup>1)</sup> Length of drive 100 mm

<sup>2)</sup> Length of drive 20 mm

### 851/4 R Reduced tip bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Reduced shaft diameter, tough, ideal for difficult access screwdriving jobs e.g. in sheet steel or metal

		 mm	 "	 mm
05160899001	PH 2	50	2"	3,0
05160896001	PH 2	152	6"	3,0

### 851/4 TH bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, extra-hard

		 mm	 "
05059855001	PH 1	50	2"
05059860001	PH 2	50	2"
05059865001	PH 3	50	2"

## Tip

### Bits with reduced shaft diameter



Bits with reduced shaft diameter ensure that screws can be sunk without damaging the surface. This is particularly necessary in drywall construction applications.

### A-Bits



A stands for aviation. A bits are particularly hard bits with a sharp-edged profile which e.g. penetrates screw profiles full of paint (such as on fuselage panels) ensuring a dependable transfer of force between the bit and the screw.

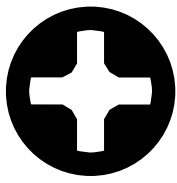


### Bits with diamond coating



The diamond coating of the DC bits lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head.





# Bits for Phillips Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 851/4 TZ bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use

	+	l', mm	l', "
05059805001	PH 1	50	2"
05059810001	PH 2	50	2"
05059815001	PH 3	50	2"

## 851/4 TZ SB bits

		4013288
05134380001	⊕ 2 x PH 1x50	037947
05134381001	⊕ 2 x PH 2x50	037954
05134382001	⊕ 2 x PH 3x50	037961



## 851/4 J bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

	+	l', mm	l', "	∅ mm
05135530001	PH 00	50	2"	2,0
05380200001	PH 00	89	3 1/2"	2,0
05135531001 <sup>1)</sup>	PH 0	50	2"	2,5
05380201001 <sup>1)</sup>	PH 0	89	3 1/2"	2,5
05135532001	PH 1	50	2"	4,5
05380202001	PH 1	89	3 1/2"	4,5

<sup>1)</sup> Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)

## 851/4 Z bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

	+	l', mm	l', "	∅ mm
05059755001	PH 1	70	2 3/4"	4,5
05059760001	PH 1	89	3 1/2"	4,5
05059765001	PH 1	127	5"	4,5
05059766001	PH 1	152	6"	4,5
05059770001	PH 2	70	2 3/4"	6,0
05059775001	PH 2	89	3 1/2"	6,0
05059780001	PH 2	110	4 3/8"	6,0
05059785001	PH 2	127	5"	6,0
05059786001	PH 2	152	6"	6,0
05059790001	PH 3	70	2 3/4"	-
05059795001	PH 3	89	3 1/2"	-
05059800001	PH 3	110	4 3/8"	-
05059802001	PH 3	152	6"	-

## 851/4 Z SB bits

		4013288
05073520001	⊕ 1 x PH 1x89	105875
05073521001	⊕ 1 x PH 2x89	105882
05073522001	⊕ 1 x PH 3x89	105899



# Tip

## ACR®-Bits:



ACR® stands for “anti-cam-out ribs”. ACR® bits have ribs at the drive tip that protect against slipping out of the screw head. It is recommended that ACR® bits are matched with ribbed ACR® screws for maximum effect. ACR® reg. trademark of Phillips Screw Company.

### 853/4 ACR® bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use, ACR® (Anti Cam-Out Ribs) prevents bit from slipping out of screw head

	+	mm	mm	mm
05346285001	PH 1	50	2"	3,5
05346286001	PH 2	50	2"	5,2
05346287001	PH 3	50	2"	5,8

### 853/4 Harpoon ACR® bits



**Application:** Phillips screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Reduced shaft diameter, tough, for universal use, ACR® (Anti Cam-Out Ribs) prevents bit from slipping out of screw head

	+	mm	mm	mm
05160901001	PH 2	50	2"	3,3
05160895001	PH 2	70	2 3/4"	3,3
05160908001	PH 2	152	6"	3,3





# Bits for Phillips Screws



Double-ended bits, 1/4" hexagon drive (series 23)

## 851/23 double-ended bits for Phillips screws



**Application:** Phillips screws  
**Drive:** 1/4" hexagon  
**Design:** Ball-guide groove 17 mm

		mm	
05135705001	PH 2	45	1 25/32"
05135706001	PH 2	65	2 9/16"




5/16" hexagon drive, suitable for D 8 bit holders or direct drive (series 2)

## 851/2 Z bits



**Application:** Phillips screws  
**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-D 8 bit holders  
**Design:** Tough, for universal use

		mm		mm
05057705001	PH 1	32	1 1/4"	4,5
05057710001	PH 2	32	1 1/4"	6,0
05057715001	PH 3	32	1 1/4"	7,6
05057720001	PH 4	32	1 1/4"	-
05057725001	PH 4	38	1 1/2"	10,0

 M 4 Thread drive M 4 direct drive (series 11)





**851/11 Bits**



**Application:** Phillips screws

**Drive:** Thread drive M 4

**Design:** Tough, for universal use

		 mm	 "	 mm
05065075001	PH 1	33	1 1/4"	5,5
05065081001	PH 2	33	1 1/4"	6,0

 M 5 Thread drive M 5 direct drive (series 12)





**851/12 Bits**



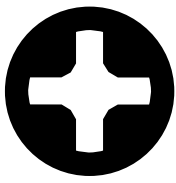
**Application:** Phillips screws

**Drive:** Thread drive M 5

**Design:** Tough, for universal use

		 mm	 "	 mm
05065110001	PH 2	33	1 1/4"	7,0
05065112001	PH 2	35	1 3/8"	7,0
05065114001	PH 2	44,5	1 3/4"	6,0
05065116001	PH 2	50	2"	6,0





# Bits for Phillips Screws



M 6 Thread drive M 6 direct drive (series 15)

## 851/15 Bits



**Application:** Phillips screws

**Drive:** Thread drive M 6

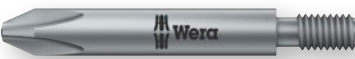
**Design:** Tough, for universal use

		 mm	 mm	 mm
05065150001	PH 2	33	1 1/4"	8,0
05065152001	PH 2	35	1 3/8"	8,0
05065154001	PH 2	44,5	1 3/4"	8,0



#10/32" Thread drive #10-32 UNF direct drive (series 16)

## 851/16 Bits



**Application:** Phillips screws

**Drive:** Thread drive #10-32 UNF

**Design:** Tough, for universal use

		 mm	 mm	 mm
05065197001	PH 2	44,5	1 3/4"	6,0



## 4 mm 4 mm Halfmoon direct drive (series 9)

### 851/9 C J PH bits, halfmoon



**Application:** Phillips screws

**Drive:** Halfmoon, 4 mm

**Design:** Hard

		 mm	 "	 mm	 "
05135270001	PH 00	44	1 47/64	1,8	20 25/32
05135271001	PH 00	64	2 33/64	1,8	20 25/32
05135272001 <sup>1)</sup>	PH 0	44	1 47/64	1,8	20 25/32
05135273001 <sup>1)</sup>	PH 0	64	2 33/64	1,8	20 25/32
05135274001 <sup>1)</sup>	PH 0	44	1 47/64	2,0	20 25/32
05135275001 <sup>1)</sup>	PH 0	64	2 33/64	2,2	20 25/32
05135278001 <sup>1)</sup>	PH 0	44	1 47/64	2,2	20 25/32
05135276001	PH 1	44	1 47/64	3,0	20 25/32
05135277001	PH 1	64	2 33/64	3,0	20 25/32

<sup>1)</sup> Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)



## 4 mm 4 mm HIOS direct drive (series 21)

### 851/21 J bits



**Application:** Phillips screws

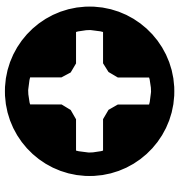
**Drive:** HIOS 4 mm

**Design:** Hard

		 mm	 "	 mm
05135280001	PH 00	40	1 9/16	1,8
05135281001	PH 00	60	2 3/8	1,8
05135284001 <sup>1)</sup>	PH 0	40	1 9/16	1,8
05135285001 <sup>1)</sup>	PH 0	60	2 3/8	1,8
05135286001 <sup>1)</sup>	PH 0	40	1 9/16	2,0
05135287001 <sup>1)</sup>	PH 0	60	2 3/8	2,0
05135288001 <sup>1)</sup>	PH 0	40	1 9/16	2,5
05135289001 <sup>1)</sup>	PH 0	60	2 3/8	2,5
05135290001	PH 1	40	1 9/16	3,0
05135291001	PH 1	60	2 3/8	3,0

<sup>1)</sup> Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)

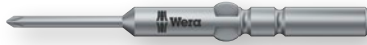




# Bits for Phillips Screws

 5 mm 5 mm HIOS direct drive (series 22)







## 851/22 J bits



**Application:** Phillips screws

**Drive:** HIOS 5 mm

**Design:** Hard; PH 0: JCIS (Japanese Camera Industrial Standard)

		 mm	 mm	 mm	 mm	 mm
05135380001	PH 00	60	2 <sup>3</sup> / <sub>8</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05135381001 <sup>1)</sup>	PH 0	60	2 <sup>3</sup> / <sub>8</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05135382001 <sup>1)</sup>	PH 0	80	3 <sup>1</sup> / <sub>8</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05135383001 <sup>1)</sup>	PH 0	60	2 <sup>3</sup> / <sub>8</sub> "	2,5	20	<sup>25</sup> / <sub>32</sub> "
05135384001 <sup>1)</sup>	PH 0	80	3 <sup>1</sup> / <sub>8</sub> "	2,5	20	<sup>25</sup> / <sub>32</sub> "
05135385001	PH 1	60	2 <sup>3</sup> / <sub>8</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135386001	PH 1	80	3 <sup>1</sup> / <sub>8</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135387001	PH 1	100	4"	3,0	20	<sup>25</sup> / <sub>32</sub> "

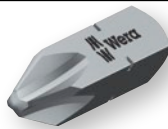
<sup>1)</sup> Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)



<sup>5</sup>/<sub>16</sub> "

5/16" external square drive (series 25)




## 851/25 H bits



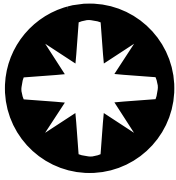
**Application:** Phillips screws

**Drive:** <sup>5</sup>/<sub>16</sub> " external square

**Design:** Extra-hard

		 mm	 mm
05380380001	PH 1	29	1 <sup>3</sup> / <sub>16</sub> "
05380381001	PH 2	29	1 <sup>3</sup> / <sub>16</sub> "
05380382001	PH 3	29	1 <sup>3</sup> / <sub>16</sub> "
05380383001	PH 4	29	1 <sup>3</sup> / <sub>16</sub> "





# Bits for Pozidriv Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 855/1 IMP DC Impaktor bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		mm	"
05057620001	PZ 1	25	1"
05057621001	PZ 2	25	1"
05057622001	PZ 3	25	1"

## 855/1 IMP DC SB Impaktor bits

			4013288
05073921001		1 x PZ 2x25	158383
05073922001		1 x PZ 3x25	158390



## 3855/1 TS bits, stainless



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Stainless steel for minimising rust, special torsion-style design to reduce premature wear. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		mm	"
05071020001	PZ 1	25	1"
05071021001	PZ 2	25	1"
05071022001	PZ 3	25	1"

## 3855/1 TS SB bits, stainless

			4013288
05073613001		1 x PZ 1x25	112101
05073614001		1 x PZ 2x25	112118
05073615001		1 x PZ 3x25	112125



### 855/1 BDC bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, diamond-coated for secure screw fit. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		mm	
05056700001	PZ 1	25	1"
05056702001	PZ 2	25	1"
05056704001	PZ 3	25	1"

### 855/1 BDC SB bits

		4013288
05073336001	1 x PZ 1x25	029362
05073337001	1 x PZ 2x25	029379
05073338001	1 x PZ 3x25	029386
05073339001	2 x PZ 2x25	029393



## Tip



### Impaktor-Bits



Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.



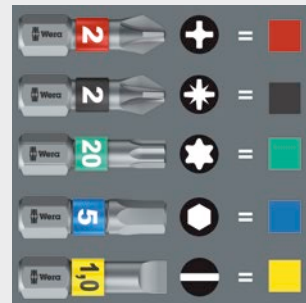
### BDC-Bits



BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits. The diamond coating lowers the danger of slipping as the minute diamond particles literally “bite” themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.

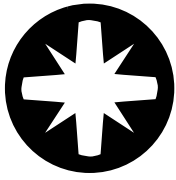


### “Take it easy”



“Take it easy” tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.





# Bits for Pozidriv Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 855/1 BTH bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-hard. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		mm	mm
05056710001	PZ 1	25	1"
05056712001	PZ 2	25	1"
05056714001	PZ 3	25	1"

## 855/1 BTZ bits



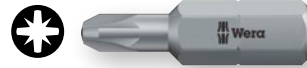
**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		mm	mm
05056720001	PZ 1	25	1"
05056722001	PZ 2	25	1"
05056724001	PZ 3	25	1"

## 855/1 RZ bits



**Application:** Quick-build Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Reduced shaft diameter, tough, for universal use

		mm	mm	mm
05135017001	PZ 1	25	1"	4,2
05135003001	PZ 2	25	1"	4,2

## 855/1 TH bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, extra-hard

		mm	mm
05056910001	PZ 1	25	1"
05056915001	PZ 2	25	1"
05056925001	PZ 3	25	1"

## 855/1 TH SB bits

		4013288
05073370001	2 x PZ 1x25	029638
05073371001	2 x PZ 2x25	029645
05073372001	2 x PZ 3x25	029652
05073373001	1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25	029669






## 855/1 TiN bits









**Application:** Suitable for Pozidriv screws

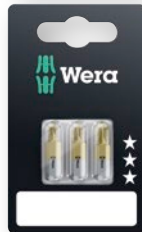
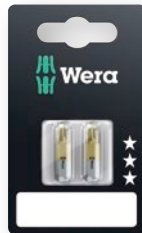
**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** TiN coating for the hardness needed e.g. in series screwdriving operations

		 mm	 1"
05480221001	PZ 1	25	1"
05480222001	PZ 2	25	1"
05480223001	PZ 3	25	1"

## 855/1 TiN SB bits

		 4013288
05073516001	 2 x PZ 1x25	106445
05073517001	 2 x PZ 2x25	105844
05073518001	 2 x PZ 3x25	105851
05073519001	 1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25	105868



# Tip

## Bits with reduced shaft diameter



Bits with reduced shaft diameter ensure that screws can be sunk without damaging the surface. This is particularly necessary in drywall construction applications.

## TiN-Bits



TiN stands for titanium-nitride. An extremely hard coating to withstand permanent loads such as during continual screwdriving operations in series manufacturing.



## BTH- and BTZ-Bits

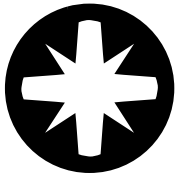


BTH- and BTZ-Bits have an additional tempered BiTorsion zone, which reduces the hardness of the shaft by about 20 % in comparison to the drive tip.



This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.





# Bits for Pozidriv Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 855/1 TZ bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use

05056810001	PZ 1	25	1"
05056815001	PZ 2	25	1"
05056825001	PZ 3	25	1"

## 855/1 Z bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

05056805001	PZ 0	25	1"
05072080001	PZ 1	25	1"
05056812001	PZ 1	50	2"
05072082001	PZ 2	25	1"
05056820001	PZ 2	50	2"
05072084001	PZ 3	25	1"
05056835001	PZ 4	32	1 1/4"

## 856/1 TZ, ACR® bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use, ACR® (Anti Cam-Out Ribs) prevents bits from slipping out of screw head



05056937001	PZ 1	25	1"
05056938001	PZ 2	25	1"
05056939001	PZ 3	25	1"

## 855/1 Z SB bits

05073308001	↻	2 x PZ 1x25	4013288 029096
05073309001	↻	2 x PZ 2x25	029102
05073310001	↻	2 x PZ 3x25	029119
05073380001	↻	1 x PZ 4x32	029621
05073311001	↻	1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25	029126





### 855/1 Z DIY bits

		 4013288
05072403001	10 x PZ 1x25	115768
05072404001	10 x PZ 2x25	115775
05072405001	10 x PZ 3x25	115782



### 855/1 Z DIY 100 bits

		 4013288
05072443001	100 x PZ 1x25	138484
05072444001	100 x PZ 2x25	138491



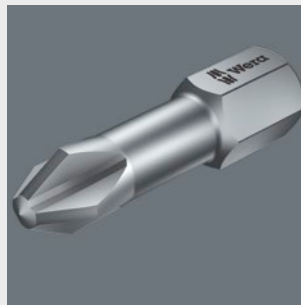
## Tip

### ACR®-Bits:



ACR® stands for “anti-cam-out ribs”. ACR® bits have ribs at the drive tip that protect against slipping out of the screw head. It is recommended that ACR® bits are matched with ribbed ACR® screws for maximum effect. ACR® reg. trademark of Phillips Screw Company.

### TZ-Bits



TZ-Bits are tough bits with a torsion zone. Torsion bits absorb the damaging peak torque loads in the torsion zone. This prevents premature wear and enhances the service life of the bits.





# Bits for Pozidriv Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 855/4 IMP DC Impaktor bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		 mm	
05057661001	PZ 2	50	2"
05057662001	PZ 3	50	2"

## 3855/4 Bits, stainless



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Stainless steel for minimising rust

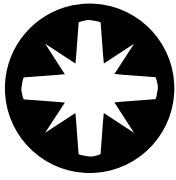
		 mm	
05071084001	PZ 1	89	3 1/2"
05071085001	PZ 2	89	3 1/2"
05071041001	PZ 2	50	2"
05071086001	PZ 3	89	3 1/2"

## 855/4 IMP DC Impaktor bits SB

05073961001	+	1 x PZ 2x50	4013288 158505
05073962001	+	1 x PZ 3x50	158512





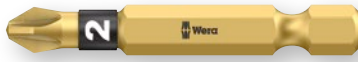


# Bits for Pozidriv Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 855/4 BDC bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** BiTorsion for long service life, diamond-coated for secure screw fit. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		 mm	 "
05059900001	PZ 1	50	2"
05059902001	PZ 2	50	2"
05059904001	PZ 3	50	2"

## 855/4 BTH bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** BiTorsion for long service life, extra-hard. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		 mm	 "
05059910001	PZ 1	50	2"
05059912001	PZ 2	50	2"
05059914001	PZ 3	50	2"

## 855/4 BTZ bits



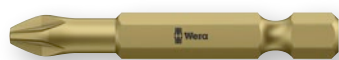
**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use. Take it easy toolfinder: Output colour coding (black = Pozidriv) and large stamp to enable the desired bit to be easily located.

		 mm	 "
05059920001	PZ 1	50	2"
05059922001	PZ 2	50	2"
05059924001	PZ 3	50	2"

## 855/4 TH bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, extra-hard

		$\frac{1}{4}$ " mm	$\frac{1}{2}$ "
05060055001	PZ 1	50	2"
05060060001	PZ 2	50	2"
05060065001	PZ 3	50	2"

## 855/4 TZ bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use

		$\frac{1}{4}$ " mm	$\frac{1}{2}$ "
05060005001	PZ 1	50	2"
05060010001	PZ 2	50	2"
05060015001	PZ 3	50	2"

## 855/4 TZ SB bits

		$\frac{1}{4}$ " mm	$\frac{1}{2}$ "
05134384001	2 x PZ 1x50	037985	
05134385001	2 x PZ 2x50	037992	
05134386001	2 x PZ 3x50	038005	



## 855/4 Z bits



**Application:** Suitable for Pozidriv screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

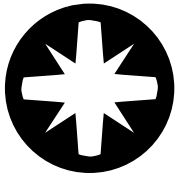
**Design:** Tough, for universal use

		$\frac{1}{4}$ " mm	$\frac{1}{2}$ "	$\varnothing$ mm
05060027001	PZ 1	70	2 3/4"	4,5
05060029001	PZ 1	89	3 1/2"	4,5
05060031001	PZ 1	127	5"	4,5
05060030001	PZ 1	152	6"	4,5
05060033001	PZ 2	70	2 3/4"	6,0
05060035001	PZ 2	89	3 1/2"	6,0
05060037001	PZ 2	110	4 3/8"	6,0
05060036001	PZ 2	127	5"	6,0
05060038001	PZ 2	152	6"	6,0
05060041001	PZ 3	70	2 3/4"	-
05060043001	PZ 3	89	3 1/2"	-
05060045001	PZ 3	110	4 3/8"	-
05060047001	PZ 3	152	6"	-

## 855/4 Z SB bits

		$\frac{1}{4}$ " mm	$\frac{1}{2}$ "	4013288
05073523001	1 x PZ 1x89	105905		
05073524001	1 x PZ 2x89	106452		
05073525001	1 x PZ 3x89	105912		





# Bits for Pozidriv Screws



5/16" hexagon drive, suitable for D 8 bit holders or direct drive (series 2)

## 855/2 Z bits



**Application:** Suitable for Pozidriv screws

**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-D 8 bit holders

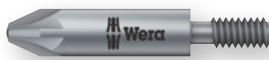
**Design:** Tough, for universal use

		mm		mm
05058005001	PZ 1	32	1 1/4"	4,5
05058010001	PZ 2	32	1 1/4"	6,0
05058015001	PZ 3	32	1 1/4"	7,6
05058020001	PZ 4	32	1 1/4"	-
05058025001	PZ 4	38	1 1/2"	10,0



M 4 Thread drive M 4 direct drive (series 11)

## 855/11 Bits



**Application:** Suitable for Pozidriv screws

**Drive:** Thread drive M 4

**Design:** Tough, for universal use

		mm		mm
05065090001	PZ 1	33	1 1/4"	5,5
05065096001	PZ 2	33	1 1/4"	6,0

## M 5 Thread drive M 5 direct drive (series 12)





### 855/12 Bits



**Application:** Suitable for Pozidriv screws

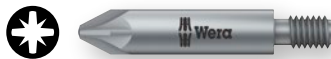
**Drive:** Thread drive M 5

**Design:** Tough, for universal use

		 mm	 "	 mm
05065125001	PZ 2	33	1 1/4"	7,0
05065127001	PZ 2	35	1 3/8"	7,0
05065129001	PZ 2	44,5	1 3/4"	6,0

## M 6 Thread drive M 6 direct drive (series 15)





### 855/15 Bits



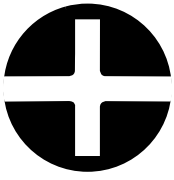
**Application:** Suitable for Pozidriv screws

**Drive:** Thread drive M 6

**Design:** Tough, for universal use

		 mm	 "	 mm
05065167001	PZ 2	35	1 3/8"	8,0
05065169001	PZ 2	44,5	1 3/4"	8,0





# Bits for PlusMinus Screws – Phillips/Slotted



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





## 851/4 PH/S PlusMinus bits

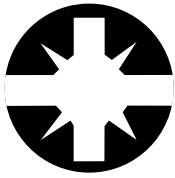


**Application:** PlusMinus screws (Phillips/slotted)

**Drive:** 1/4" hexagon suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** PlusMinus (Phillips/slotted), tough, ideal for electrical component adjustment jobs e.g. in sheet steel or metal

		 mm	 mm	 mm
05059720001	# 1	70	2 3/4"	4,5
05059721001	# 2	70	2 3/4"	6



# Bits for PlusMinus Screws – Pozidriv/Slotted



1/4" hexagon drive, suitable for F 6,3 bit holders (series 1)





## 855/4 PZ/S PlusMinus bits



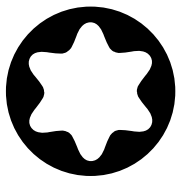
**Application:** PlusMinus (Pozidriv/slotted) screws

**Drive:** 1/4" hexagon suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** PlusMinus (slotted/Pozidriv), tough, ideal for electrical component adjustment jobs e.g. in sheet steel or metal

		 mm	 mm	 mm
05059896001	# 1	70	2 3/4"	4,5
05059897001	# 2	70	2 3/4"	6





# Bits for TORX® Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 867/1 IMP DC Impaktor TORX® bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (green = TORX®) and large stamp to enable the desired bit to be easily located.

		□, mm	□, "
05057628001	TX 10	25	1"
05057623001	TX 15	25	1"
05057624001	TX 20	25	1"
05057625001	TX 25	25	1"
05057626001	TX 30	25	1"
05057627001	TX 40	25	1"

## 867/1 IMP DC SB Impaktor bits

		□, mm	□, "
05073924001	1 x TX 20x25	163240	
05073925001	1 x TX 25x25	158406	
05073926001	1 x TX 30x25	158413	
05073927001	1 x TX 40x25	158420	



## 3867/1 TS TORX® bits, stainless



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Stainless steel for minimising rust, special torsion-style design to reduce premature wear. Take it easy toolfinder: Output colour coding (green = TORX®) and large stamp to enable the desired bit to be easily located.

		□, mm	□, "
05071030001	TX 8	25	1"
05071031001	TX 9	25	1"
05071032001	TX 10	25	1"
05071033001	TX 15	25	1"
05071034001	TX 20	25	1"
05071035001	TX 25	25	1"
05071036001	TX 27	25	1"
05071037001	TX 30	25	1"
05071038001	TX 40	25	1"

## 3867/1 TS SB TORX® bits, stainless

		□, mm	□, "
05073620001	1 x TX 10x25	117670	
05073621001	1 x TX 15x25	117687	
05073622001	1 x TX 20x25	117694	
05073623001	1 x TX 25x25	117700	
05073624001	1 x TX 27x25	117717	
05073625001	1 x TX 30x25	117724	
05073626001	1 x TX 40x25	117731	



## 867/1 BDC TORX® bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, diamond-coated for secure screw fit. Take it easy toolfinder: Output colour coding (green = TORX®) and large stamp to enable the desired bit to be easily located.

		mm	"
05066100001	TX 10	25	1"
05066102001	TX 15	25	1"
05066104001	TX 20	25	1"
05066106001	TX 25	25	1"
05342920001	TX 27	25	1"
05066108001	TX 30	25	1"
05066110001	TX 40	25	1"

## 867/1 BDC SB TORX® bits

		4013288
05134374001	1 x TX 10x25	099778
05134375001	1 x TX 15x25	099785
05134376001	1 x TX 20x25	099792
05134377001	1 x TX 25x25	099808
05134378001	1 x TX 30x25	099822
05134379001	1 x TX 40x25	099815



## Tip



### Impaktor-Bits



Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.



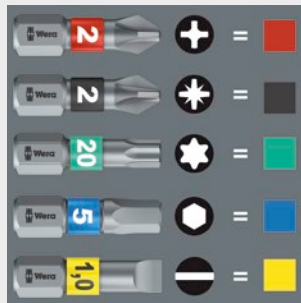
### BDC-Bits



BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits. The diamond coating lowers the danger of slipping as the minute diamond particles literally “bite” themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.

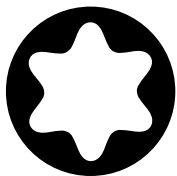


### “Take it easy”



“Take it easy” tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.





# Bits for TORX® Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 867/1 BTZ TORX® bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use. Take it easy toolfinder: Output colour coding (green = TORX®) and large stamp to enable the desired bit to be easily located.

		□ mm	□ "
05066120001	TX 10	25	1"
05066122001	TX 15	25	1"
05066124001	TX 20	25	1"
05066126001	TX 25	25	1"
05066128001	TX 30	25	1"
05066130001	TX 40	25	1"

## 867/1 Z TORX® HF bits with holding function



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Holding function for TORX® screws made according to Acument Intellectual Properties specifications, tough, for universal use

		□ mm	□ "	∅ mm
05066070001	TX 8	25	1"	2,2
05066071001	TX 9	25	1"	2,4
05066072001	TX 10	25	1"	2,5
05066073001	TX 15	25	1"	3,0
05066074001	TX 20	25	1"	3,7
05066075001	TX 25	25	1"	4,1
05066076001	TX 27	25	1"	4,8
05066077001	TX 30	25	1"	5,4
05066078001	TX 40	25	1"	6,5

## 867/1 TZ TORX® bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use

		mm	1"	mm
05066300001	TX 5	25	1"	4,2
05066301001	TX 6	25	1"	4,2
05066302001	TX 7	25	1"	4,2
05066303001	TX 8	25	1"	4,2
05066304001	TX 9	25	1"	4,2
05066305001	TX 10	25	1"	4,2
05066308001	TX 15	25	1"	4,2
05066310001	TX 20	25	1"	4,8
05066312001	TX 25	25	1"	5,5
05066313001	TX 27	25	1"	5,5
05066315001	TX 30	25	1"	6,0
05066320001	TX 40	25	1"	-

## Tip



### The HF profile



In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are the consequence. The HF

tools developed by Wera are ideal because they feature an optimised geometry of the original TORX® profile. The wedging forces resulting from the surface pressure between the drive tip and the screw profile mean that the screw is securely held on the tool!

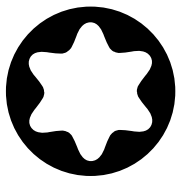


### BTZ-Bits



BTZ-Bits have an additional tempered BiTorsion zone, which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.





# Bits for TORX® Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 867/1 TORX® bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		□ mm	□ "	∅ mm
05135140001	TX 1	25	1"	1,5
05135141001	TX 2	25	1"	1,5
05135142001	TX 3	25	1"	2,0
05135143001	TX 4	25	1"	2,0
05066492001	TX 5	25	1"	3,0
05066493001	TX 6	25	1"	3,0
05066494001	TX 7	25	1"	3,0
05066495001	TX 8	25	1"	3,0
05066496001	TX 9	25	1"	3,0
05066485001	TX 10	25	1"	4,0
05066486001	TX 15	25	1"	4,0
05066487001	TX 20	25	1"	5,0
05066488001	TX 25	25	1"	5,0
05066489001	TX 27	25	1"	6,0
05066490001	TX 30	25	1"	6,0
05066491001	TX 40	25	1"	-
05066325001	TX 45	35	1 3/8"	8,0
05066330001	TX 50	35	1 3/8"	9,0
05066335001	TX 55	35	1 3/8"	12,0

## 867/1 TORX® bits DIY

			4013288
05072406001	⊗ 10 x TX 10x25		115799
05072407001	⊗ 10 x TX 15x25		115805
05072408001	⊗ 10 x TX 20x25		115812
05072409001	⊗ 10 x TX 25x25		115829
05072410001	⊗ 10 x TX 27x25		115836
05072411001	⊗ 10 x TX 30x25		115843
05072412001	⊗ 10 x TX 40x25		115850



## 867/1 TORX® bits DIY 100

			4013288
05072446001	⊗ 100 x TX 10x25		138507
05072447001	⊗ 100 x TX 15x25		138514
05072448001	⊗ 100 x TX 20x25		138521
05072449001	⊗ 100 x TX 25x25		138538
05072450001	⊗ 100 x TX 27x25		138545
05072451001	⊗ 100 x TX 30x25		138552
05072452001	⊗ 100 x TX 40x25		138569



## 867/1 SB TORX® bits

			4013288
05073313001	⊗ 2 x TX 10x25		029140
05073314001	⊗ 2 x TX 15x25		029591
05073314001	⊗ 2 x TX 20x25		029157
05073315001	⊗ 2 x TX 25x25		029164
05073316001	⊗ 2 x TX 30x25		029171
05073317001	⊗ 2 x TX 40x25		029188
05073346001	⊗ 1 x TX 50x35		125859
05073375001	⊗ 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25		037503
05073376001	⊗ 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25		037510






## 867/1 Z TORX® Wedge bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** W = Wedge TORX®, tough, for universal use

		 mm	 "
05066450001	TX 10	25	1"
05066455001	TX 15	25	1"
05066460001	TX 20	25	1"
05066465001	TX 25	25	1"
05066470001	TX 27	25	1"
05066475001	TX 30	25	1"
05066480001	TX 40	25	1"





## 867/1 ZA TORX® bits with central pin



**Application:** SPAX T-STAR plus screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Central pin, tough, for universal use

		 mm	 "	 mm
05066080001	TX 10	25	1"	4,0
05066081001	TX 15	25	1"	4,0
05066082001	TX 20	25	1"	5,0
05066083001	TX 25	25	1"	5,0
05066084001	TX 30	25	1"	6,0
05066085001	TX 40	25	1"	-

## Tip

### TORX® Wedge



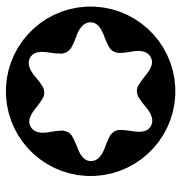
The conical TORX® profile provides a better fit in the screw. Combined with a great recess depth this produces a pinch effect.

### TORX® bits with central pin



The protruding pin that fits into the borehole of the screw makes it easier to centre the tool in the screw recess.





# Bits for TORX® Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 867/4 IMP DC Impaktor TORX® bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (green = TORX®) and large stamp to enable the desired bit to be easily located.

		⌀ mm	ℓ "
05057664001	TX 20	50	2"
05057665001	TX 25	50	2"
05057666001	TX 30	50	2"
05057667001	TX 40	50	2"

## 867/4 IMP DC SB Impaktor bits

			4013288
05073964001		1 x TX 20x50	163257
05073965001		1 x TX 25x50	158529
05073966001		1 x TX 30x50	158536
05073967001		1 x TX 40x50	158543



## 3867/4 TORX®, stainless



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Stainless steel for minimising rust  
Take it easy toolfinder: Output colour coding (green = TORX®) and large stamp to enable the desired bit to be easily located.

		⌀ mm	ℓ "
05071046001	TX 20	50	2"
05071047001	TX 25	50	2"

## 867/4 KK TORX® bits



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Ball end, tough, for universal use

		⌀ mm	ℓ "
05059700001	TX 10	89	3 1/2"
05059701001	TX 15	89	3 1/2"
05059702001	TX 20	89	3 1/2"
05059703001	TX 25	89	3 1/2"
05059704001	TX 30	89	3 1/2"
05059705001	TX 40	89	3 1/2"





## 867/4 TORX® HF bits with holding function



**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

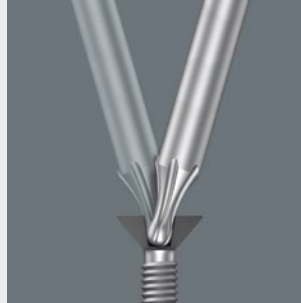
**Design:** Holding function for TORX® screws made according to Acument Intellectual Properties specifications, tough, for universal use

		 mm	 "	 mm
05060080001	TX 8	50	2"	3,0
05060360001	TX 10	89	3 1/2"	4,0
05060081001	TX 10	50	2"	4,0
05060361001	TX 15	89	3 1/2"	4,0
05060082001	TX 15	50	2"	4,0
05060362001	TX 20	89	3 1/2"	4,5
05060083001	TX 20	50	2"	4,5
05060084001	TX 25	50	2"	6,0
05060363001	TX 25	89	3 1/2"	6,0
05060085001	TX 27	50	2"	6,0
05060364001	TX 27	89	3 1/2"	6,0
05060086001	TX 30	50	2"	6,0
05060365001	TX 30	89	3 1/2"	6,0
05060087001	TX 40	50	2"	-
05060366001	TX 40	89	3 1/2"	-

## Tip



### TORX® ball tip



The spherical drive profile means that it is possible to swivel the axis of the tool to that of the screw, and therefore enable angled, "around-the-corner" screwdriving jobs.



### The HF profile



In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are the consequence. The HF

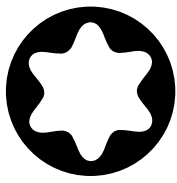
tools developed by Wera are ideal because they feature an optimised geometry of the original TORX® profile. The wedging forces resulting from the surface pressure between the drive tip and the screw profile mean that the screw is securely held on the tool!



### Impaktor-Bits



Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.



# Bits for TORX® Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





## 867/4 Z TORX® bits





**Application:** TORX® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use



		 mm	 "	 mm
05135200001	TX 1	50	2"	2,0
05135201001	TX 2	50	2"	2,0
05135202001	TX 3	50	2"	2,0
05135204001	TX 4	50	2"	3,0
05135205001	TX 5	50	2"	3,0
05308428001	TX 6	50	2"	3,0
05134740001	TX 6	70	2 3/4"	3,0
05332600001	TX 6	89	3 1/2"	3,0
05328448001	TX 6	152	6"	3,0
05160830001	TX 7	50	2"	3,0
05345047001	TX 7	70	2 3/4"	3,0
05060131001	TX 8	50	2"	3,0
05060098001	TX 8	70	2 3/4"	3,0
05060185001	TX 8	89	3 1/2"	3,0
05060195001	TX 8	152	6"	3,0
05319835001	TX 9	70	2 3/4"	3,0
05060193001	TX 9	89	3 1/2"	3,0
05060194001	TX 9	152	6"	3,0
05060132001	TX 10	50	2"	4,0
05060100001	TX 10	70	2 3/4"	4,0
05060186001	TX 10	89	3 1/2"	4,0
05060196001	TX 10	152	6"	4,0
05060133001	TX 15	50	2"	4,0
05060105001	TX 15	70	2 3/4"	4,0
05060187001	TX 15	89	3 1/2"	4,0
05060197001	TX 15	152	6"	4,0
05060134001	TX 20	50	2"	4,5
05060110001	TX 20	70	2 3/4"	4,5
05060188001	TX 20	89	3 1/2"	4,5
05060198001	TX 20	152	6"	4,5
05060135001	TX 25	50	2"	6,0
05060115001	TX 25	70	2 3/4"	6,0
05060189001	TX 25	89	3 1/2"	6,0
05060199001	TX 25	152	6"	6,0
05060136001	TX 27	50	2"	6,0
05060120001	TX 27	70	2 3/4"	6,0
05060190001	TX 27	89	3 1/2"	6,0
05060200001	TX 27	152	6"	6,0
05060137001	TX 30	50	2"	6,0
05060125001	TX 30	70	2 3/4"	6,0
05060191001	TX 30	89	3 1/2"	6,0
05060201001	TX 30	152	6"	6,0
05060138001	TX 40	50	2"	-
05060130001	TX 40	70	2 3/4"	-
05060192001	TX 40	89	3 1/2"	-
05060202001	TX 40	152	6"	-

## 867/4 Z SB TORX® bits, 89 mm

			4013288
05073526001	1 x TX 10x89		105929
05073527001	1 x TX 15x89		105936
05073528001	1 x TX 20x89		105943
05073529001	1 x TX 25x89		105950
05073530001	1 x TX 30x89		105967
05073531001	1 x TX 40x89		105974



## 867/4 Z SB TORX® bits, 50 mm

			4013288
05073720001	2 x TX 10x50		132789
05073721001	2 x TX 15x50		132796
05073722001	2 x TX 20x50		132802
05073723001	2 x TX 25x50		132826
05073724001	2 x TX 30x50		132833





5/16" hexagon drive, suitable for D 8 bit holders or direct drive (series 2)

### 867/2 Z TORX® bits



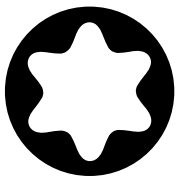
**Application:** TORX® socket screws

**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-D 8 bit holders

**Design:** Tough, for universal use

		 mm	 "	 mm
05066901001	TX 20	35	1 3/8"	4,5
05066930001	TX 20	50	2"	4,5
05066945001	TX 20	70	2 3/4"	4,5
05066935001	TX 20	100	4"	4,5
05066900001	TX 25	35	1 3/8"	5,8
05066931001	TX 25	50	2"	5,8
05066946001	TX 25	70	2 3/4"	5,8
05066936001	TX 25	100	4"	5,8
05066902001	TX 27	35	1 3/8"	5,8
05066932001	TX 27	50	2"	5,8
05066937001	TX 27	100	4"	5,8
05066905001	TX 30	35	1 3/8"	6,0
05066933001	TX 30	50	2"	6,0
05066947001	TX 30	70	2 3/4"	6,0
05066938001	TX 30	100	4"	6,0
05066910001	TX 40	35	1 3/8"	7,0
05066934001	TX 40	50	2"	7,0
05066948001	TX 40	70	2 3/4"	7,0
05066939001	TX 40	100	4"	7,0
05066915001	TX 45	35	1 3/8"	-
05066940001	TX 45	50	2"	-
05066949001	TX 45	70	2 3/4"	-
05066942001	TX 45	100	4"	-
05066920001	TX 50	35	1 3/8"	-
05066941001	TX 50	50	2"	-
05066950001	TX 50	70	2 3/4"	-
05066943001	TX 50	100	4"	-
05066925001	TX 55	35	1 3/8"	12,0
05136220001	TX 60	35	1 3/8"	14,0



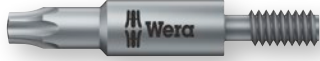


# Bits for TORX® Screws



M 4 Thread drive M 4 direct drive (series 11)





## 867/11 TORX® bits



**Application:** TORX® screws

**Drive:** Thread drive M 4

**Design:** Tough, for universal use

		 mm	 mm	 mm
05064140001	TX 8	33	1 1/4"	6,0
05064144001	TX 10	33	1 1/4"	6,0
05064146001	TX 15	33	1 1/4"	6,0



M 5 Thread drive M 5 direct drive (series 12)





## 867/12 TORX® bits



**Application:** TORX® socket screws

**Drive:** Thread drive M 5

**Design:** Tough, for universal use





		 mm	 mm	 mm
05064148001	TX 10	45	1 3/4"	6,0
05064150001	TX 15	45	1 3/4"	6,0
05064155001	TX 20	45	1 3/4"	6,0
05064160001	TX 25	45	1 3/4"	6,0

 M 6 Thread drive M 6 direct drive (series 15)

**867/15 TORX® bits**



**Application:** TORX® screws  
**Drive:** Thread drive M 6  
**Design:** Tough, for universal use





		 mm	 "	 mm
05064166001	TX 10	45	1 3/4"	8,0
05064168001	TX 15	45	1 3/4"	8,0
05064170001	TX 20	45	1 3/4"	8,0
05064175001	TX 25	45	1 3/4"	8,0
05064180001	TX 30	45	1 3/4"	8,0

 #10/32" Thread drive #10-32 UNF direct drive (series 16)

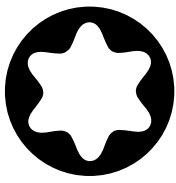
**867/16 TORX® bits**



**Application:** TORX® screws  
**Drive:** Thread drive #10-32 UNF  
**Design:** Tough, for universal use

		 mm	 "	 mm
05064185001	TX 10	45	1 3/4"	6,0
05064190001	TX 15	45	1 3/4"	6,0
05064200001	TX 20	45	1 3/4"	6,0









# Bits for TORX® Screws

 4 mm 4 mm Halfmoon direct drive (series 9)

## 867/9 C TORX® bits, halfmoon



**Application:** TORX® socket screws  
**Drive:** Halfmoon, 4 mm  
**Design:** Precision hardened for sensitive applications







		 mm	 mm	 mm
05135220001	TX 1	44	1 <sup>47</sup> / <sub>64</sub> "	1,5
05135221001	TX 2	44	1 <sup>47</sup> / <sub>64</sub> "	1,5
05135222001	TX 3	44	1 <sup>47</sup> / <sub>64</sub> "	1,7
05345352001	TX 4	44	1 <sup>47</sup> / <sub>64</sub> "	1,8
05345018001	TX 4	64	2 <sup>33</sup> / <sub>64</sub> "	2,0
05345351001	TX 5	44	1 <sup>47</sup> / <sub>64</sub> "	3,0
05345032001	TX 5	64	2 <sup>33</sup> / <sub>64</sub> "	2,0
05314753001	TX 5	70	2 <sup>3</sup> / <sub>4</sub> "	2,0
05345350001	TX 6	44	1 <sup>47</sup> / <sub>64</sub> "	3,0
05345056001	TX 6	64	2 <sup>33</sup> / <sub>64</sub> "	2,0
05332610001	TX 6	70	2 <sup>3</sup> / <sub>4</sub> "	3,0
05345035001	TX 7	64	2 <sup>33</sup> / <sub>64</sub> "	2,3
05345026001	TX 8	44	1 <sup>47</sup> / <sub>64</sub> "	3,0
05345028001	TX 8	64	2 <sup>33</sup> / <sub>64</sub> "	3,0
05332609001	TX 8	70	2 <sup>3</sup> / <sub>4</sub> "	3,0
05332607001	TX 10	70	2 <sup>3</sup> / <sub>4</sub> "	3,0

 4 mm 4 mm HIOS direct drive (series 21)

## 867/21 TORX® bits



**Application:** TORX® socket screws  
**Drive:** HIOS 4 mm  
**Design:** Precision hardened for sensitive applications

		 mm	 mm	 mm	 mm	 mm
05135400001 <sup>1)</sup>	TX 1	40	1 <sup>9</sup> / <sub>16</sub> "	1,5	20	<sup>25</sup> / <sub>32</sub> "
05135401001 <sup>1)</sup>	TX 2	40	1 <sup>9</sup> / <sub>16</sub> "	1,5	20	<sup>25</sup> / <sub>32</sub> "
05135402001 <sup>1)</sup>	TX 3	40	1 <sup>9</sup> / <sub>16</sub> "	1,7	20	<sup>25</sup> / <sub>32</sub> "
05135403001	TX 4	40	1 <sup>9</sup> / <sub>16</sub> "	1,8	20	<sup>25</sup> / <sub>32</sub> "
05135404001	TX 5	40	1 <sup>9</sup> / <sub>16</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05135405001	TX 6	40	1 <sup>9</sup> / <sub>16</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05135406001	TX 7	40	1 <sup>9</sup> / <sub>16</sub> "	2,5	20	<sup>25</sup> / <sub>32</sub> "
05135407001	TX 8	40	1 <sup>9</sup> / <sub>16</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135408001	TX 9	40	1 <sup>9</sup> / <sub>16</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135409001	TX 10	40	1 <sup>9</sup> / <sub>16</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "

<sup>1)</sup> Delivery on request.









 5 mm    5 mm HIOS direct drive (series 22)

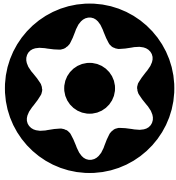
### 867/22 TORX® bits



**Application:** TORX® screws  
**Drive:** HIOS 5 mm  
**Design:** Tough, for universal use

		 mm	 mm	 mm	 mm	 mm
05135420001	TX 5	60	2 3/8"	2,0	20	25/32"
05135421001	TX 6	60	2 3/8"	2,5	20	25/32"
05135422001	TX 7	60	2 3/8"	2,5	20	25/32"
05135423001	TX 8	60	2 3/8"	3,0	20	25/32"
05135424001	TX 9	60	2 3/8"	3,0	20	25/32"
05135425001	TX 10	60	2 3/8"	3,0	20	25/32"





# Bits for Tamper-proof TORX® BO Screws with safety pin



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 867/1 Z TORX® BO bits



**Application:** TORX® socket screws with safety pin (BO = with bore hole)

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** TORX® with bore hole, tough, for universal use

		1/4" mm	1/4"
05066497001	TX 7	25	1"
05066498001	TX 8	25	1"
05066499001	TX 9	25	1"
05066500001	TX 10	25	1"
05066505001	TX 15	25	1"
05066510001	TX 20	25	1"
05066515001	TX 25	25	1"
05066520001	TX 27	25	1"
05066525001	TX 30	25	1"
05066530001	TX 40	25	1"



## 1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

### 3867/4 TORX® BO bits with bore hole, stainless



**Application:** TORX® socket screws with safety pin (BO = with bore hole)

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Stainless steel for minimising rust

		□, mm	□, mm	∅ mm
05071089001	TX 10 BO	89	3 1/2"	4,0
05071090001	TX 15 BO	89	3 1/2"	4,0
05071091001	TX 20 BO	89	3 1/2"	4,5
05071092001	TX 25 BO	89	3 1/2"	5,5
05071094001	TX 30 BO	89	3 1/2"	6,0

### 867/4 Z TORX® BO bits with bore hole



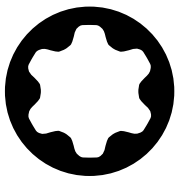
**Application:** TORX® socket screws with safety pin (BO = with bore hole)

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** TORX® with bore hole, tough, for universal use

		□, mm	□, mm	∅ mm
05060139001	TX 8	70	2 3/4"	3,0
05060048001	TX 8	89	3 1/2"	3,0
05060049001	TX 9	89	3 1/2"	3,0
05060140001	TX 10	70	2 3/4"	4,0
05060050001	TX 10	89	3 1/2"	4,0
05060141001	TX 15	70	2 3/4"	4,0
05060051001	TX 15	89	3 1/2"	4,0
05060142001	TX 20	70	2 3/4"	4,5
05060052001	TX 20	89	3 1/2"	4,5
05060143001	TX 25	70	2 3/4"	6,0
05060053001	TX 25	89	3 1/2"	6,0
05060144001	TX 27	70	2 3/4"	6,0
05060057001	TX 27	89	3 1/2"	6,0
05060145001	TX 30	70	2 3/4"	6,0
05060054001	TX 30	89	3 1/2"	6,0
05060146001	TX 40	70	2 3/4"	-
05060056001	TX 40	89	3 1/2"	-



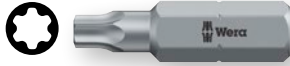


# Bits for TORX PLUS® Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)


## 867/1 Z IP TORX PLUS® bits



**Application:** TORX PLUS® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		□, mm	□, "
05135120001	1 IP	25	1"
05135121001	2 IP	25	1"
05160956001	3 IP	25	1"
05134695001	4 IP	25	1"
05066272001	5 IP	25	1"
05066274001	6 IP	25	1"
05066276001	7 IP	25	1"
05066278001	8 IP	25	1"
05066279001	9 IP	25	1"
05066280001	10 IP	25	1"
05066282001	15 IP	25	1"
05066284001	20 IP	25	1"
05066286001	25 IP	25	1"
05066287001	27 IP	25	1"
05066288001	30 IP	25	1"
05066290001	40 IP	25	1"



## 1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





### 867/4 Z IP TORX PLUS® bits



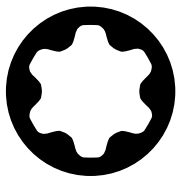
**Application:** TORX PLUS® socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 "	 mm
05134664001	1 IP	50	2"	2,0
05134665001	2 IP	50	2"	2,0
05134668001	3 IP	50	2"	2,0
05134691001	4 IP	50	2"	3,0
05134678001	5 IP	50	2"	3,0
05134680001	6 IP	50	2"	3,0
05134667001	6 IP	89	3 1/2"	3,0
05134690001	6 IP	152	6"	3,0
05134681001	7 IP	50	2"	3,0
05134679001	8 IP	50	2"	3,0
05134670001	8 IP	89	3 1/2"	3,0
05134682001	8 IP	152	6"	3,0
05160917001	9 IP	50	2"	3,0
05134669001	9 IP	89	3 1/2"	3,0
05134683001	10 IP	50	2"	4,0
05134684001	10 IP	70	2 3/4"	4,0
05134671001	10 IP	89	3 1/2"	4,0
05134685001	15 IP	50	2"	4,0
05134686001	15 IP	70	2 3/4"	4,0
05134672001	15 IP	89	3 1/2"	4,0
05134687001	20 IP	50	2"	4,5
05134688001	20 IP	70	2 3/4"	4,5
05134673001	20 IP	89	3 1/2"	4,5
05134674001	25 IP	89	3 1/2"	6,0
05134675001	27 IP	89	3 1/2"	6,0
05320430001	30 IP	50	2"	6,0
05134676001	30 IP	89	3 1/2"	6,0
05134677001	40 IP	89	3 1/2"	-





# Bits for TORX PLUS® Screws









4 mm 4 mm Halfmoon direct drive (series 9)

## 867/9 C IP TORX PLUS® bits, halfmoon



**Application:** TORX PLUS® screws  
**Drive:** Halfmoon, 4 mm  
**Design:** Precision hardened for sensitive applications

		 mm	 mm	 mm	 mm	 mm
05135230001	1 IP	44	1 <sup>47</sup> / <sub>64</sub> "	1,5	20	<sup>25</sup> / <sub>32</sub> "
05135231001	2 IP	44	1 <sup>47</sup> / <sub>64</sub> "	1,5	20	<sup>25</sup> / <sub>32</sub> "
05135232001	3 IP	44	1 <sup>47</sup> / <sub>64</sub> "	1,7	20	<sup>25</sup> / <sub>32</sub> "
05326310001	4 IP	44	1 <sup>47</sup> / <sub>64</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05345019001	4 IP	64	2 <sup>33</sup> / <sub>64</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05135233001	5 IP	44	1 <sup>47</sup> / <sub>64</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05332612001	5 IP	70	2 <sup>3</sup> / <sub>4</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05344900001	6 IP	44	1 <sup>47</sup> / <sub>64</sub> "	2,25	20	<sup>25</sup> / <sub>32</sub> "
05135234001	8 IP	44	1 <sup>47</sup> / <sub>64</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05332606001	8 IP	70	2 <sup>3</sup> / <sub>4</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135235001	10 IP	44	1 <sup>47</sup> / <sub>64</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "









4 mm 4 mm HIOS direct drive (series 21)

## 867/21 IP TORX PLUS® bits



**Application:** TORX PLUS® screws  
**Drive:** HIOS 4 mm  
**Design:** Precision hardened for sensitive applications

		 mm	 mm	 mm	 mm	 mm
05135430001 <sup>1)</sup>	1 IP	40	1 <sup>9</sup> / <sub>16</sub> "	1,5	20	<sup>25</sup> / <sub>32</sub> "
05135431001 <sup>1)</sup>	2 IP	40	1 <sup>9</sup> / <sub>16</sub> "	1,5	20	<sup>25</sup> / <sub>32</sub> "
05135432001 <sup>1)</sup>	3 IP	40	1 <sup>9</sup> / <sub>16</sub> "	1,7	20	<sup>25</sup> / <sub>32</sub> "
05302402001	4 IP	40	1 <sup>9</sup> / <sub>16</sub> "	1,8	20	<sup>25</sup> / <sub>32</sub> "
05302403001	5 IP	40	1 <sup>9</sup> / <sub>16</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05302400001	6 IP	40	1 <sup>9</sup> / <sub>16</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05135433001	7 IP	40	1 <sup>9</sup> / <sub>16</sub> "	2,5	20	<sup>25</sup> / <sub>32</sub> "
05135434001	8 IP	40	1 <sup>9</sup> / <sub>16</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135435001	9 IP	40	1 <sup>9</sup> / <sub>16</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135436001	10 IP	40	1 <sup>9</sup> / <sub>16</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "

 5 mm 5 mm HIOS direct drive (series 22)







**867/22 IP TORX PLUS® bits**



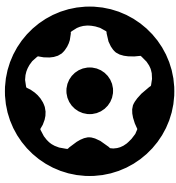
**Application:** TORX PLUS® screws

**Drive:** HIOS 5 mm

**Design:** Precision hardened for sensitive applications

		 mm	 mm	 mm	 mm	 mm
05135440001	5 IP	60	2 <sup>3</sup> / <sub>8</sub> "	2,0	20	<sup>25</sup> / <sub>32</sub> "
05344280001	6 IP	60	2 <sup>3</sup> / <sub>8</sub> "	2,5	20	<sup>25</sup> / <sub>32</sub> "
05135441001	7 IP	60	2 <sup>3</sup> / <sub>8</sub> "	2,5	20	<sup>25</sup> / <sub>32</sub> "
05134500001	8 IP	60	2 <sup>3</sup> / <sub>8</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05344281001	8 IP	80	3 <sup>1</sup> / <sub>8</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135442001	9 IP	60	2 <sup>3</sup> / <sub>8</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05135443001	10 IP	60	2 <sup>3</sup> / <sub>8</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "
05344282001	10 IP	80	3 <sup>1</sup> / <sub>8</sub> "	3,0	20	<sup>25</sup> / <sub>32</sub> "





# Bits for Tamper-proof TORX PLUS® IPR Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 867/1 IPR TORX PLUS® bits with bore hole



**Application:** TORX PLUS® IPR socket screws with safety pin

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		□, mm	□, "
05134699001	8 IPR	25	1"
05134698001	9 IPR	25	1"
05134700001	10 IPR	25	1"
05134701001	15 IPR	25	1"
05134702001	20 IPR	25	1"
05134703001	25 IPR	25	1"
05134704001	27 IPR	25	1"
05134705001	30 IPR	25	1"
05134706001	40 IPR	35	1 3/8"
05134707001	45 IPR	35	1 3/8"

Attention: Safety profile - sold only to authorised customers. Such authorisation has to be proven in writing.



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 867/4 IPR TORX PLUS® bits with bore hole



**Application:** TORX PLUS® IPR socket screws with safety pin

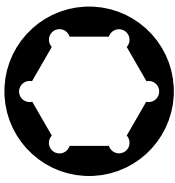
**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

		□, mm	□, "	∅ mm
05160821001	10 IPR	50	2"	4,0
05134657001	10 IPR	89	3 1/2"	4,0
05134654001	15 IPR	50	2"	4,0
05134720001	15 IPR	89	3 1/2"	4,0
05204126001	20 IPR	50	2"	4,5
05259135001	20 IPR	89	3 1/2"	4,5
05134655001	25 IPR	50	2"	6,0
05134722001	25 IPR	89	3 1/2"	6,0
05134656001	27 IPR	50	2"	6,0
05134658001	27 IPR	89	3 1/2"	6,0
05134732001	30 IPR	50	2"	6,0
05134723001	30 IPR	89	3 1/2"	6,0

Attention: Safety profile - sold only to authorised customers. Such authorisation has to be proven in writing.





# Bits for ASSY<sup>®</sup> Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 864/1 BTZ SIT bits



**Application:** ASSY<sup>®</sup> screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use

		 mm	 "
05066040001	SIT 10	25	1"
05066041001	SIT 20	25	1"
05066042001	SIT 25	25	1"
05066043001	SIT 30	25	1"

## 864/1 Z SIT bits



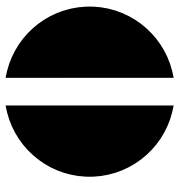
**Application:** ASSY<sup>®</sup> screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 "
05066030001	SIT 10	25	1"
05066031001	SIT 20	25	1"
05066032001	SIT 25	25	1"
05066033001	SIT 30	25	1"





# Bits for Slotted Screws

 1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)





## 3800/1 TS bits for slotted screws, stainless



**Application:** Slotted screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Stainless steel for minimising rust, special torsion-style design to reduce premature wear. Take it easy toolfinder: Output colour coding (yellow = slotted) and large stamp to enable the desired bit to be easily located.

	 mm	 mm	 mm	 mm
05071000001	0,8	5,5	25	1"
05071001001	1,0	5,5	25	1"
05071002001	1,2	6,5	25	1"





## 800/1 BTZ bits



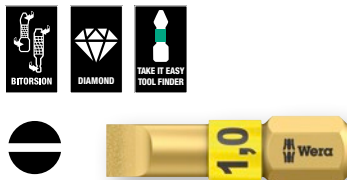
**Application:** Slotted screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use. Take it easy toolfinder: Output colour coding (yellow = slotted) and large stamp to enable the desired bit to be easily located.

	 mm	 mm	 mm	 mm
05056064001	0,8	5,5	25	1"
05056066001	1,0	5,5	25	1"
05056068001	1,2	6,5	25	1"





## 800/1 BDC bits



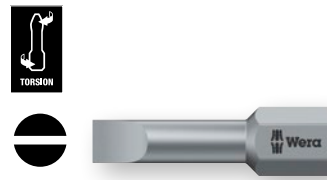
**Application:** Slotted screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, diamond-coated for secure screw fit. Take it easy toolfinder: Output colour coding (yellow = slotted) and large stamp to enable the desired bit to be easily located.

	 mm	 mm	 mm	 mm
05056172001	0,8	5,5	25	1"
05056174001	1,0	5,5	25	1"
05056176001	1,2	6,5	25	1"






## 800/1 TZ bits



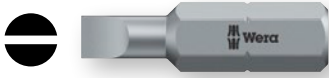
**Application:** Slotted screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Torsion-style design to reduce premature wear, tough, for universal use

	 mm	 mm	 mm	 mm	 mm
05056203001	0,5	4,0	25	1"	4,0
05056210001	0,6	4,5	25	1"	4,5
05056220001	0,8	5,5	25	1"	5,5
05056225001	1,0	5,5	25	1"	5,5
05056233001	1,2	6,5	25	1"	6,2
05056240001	1,6	8,0	25	1"	8,0

## 800/1 Z bits



**Application:** Slotted screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

	√ mm	√ mm	√ mm	√ mm	∅ mm
05056200001	0,5	3,0	25	1"	3,0
05056005001	0,5	3,0	39	1 17/32"	3,0
05072050001	0,5	4,0	25	1"	4,0
05056007001	0,5	4,0	39	1 17/32"	4,0
05056010001	0,6	3,5	39	1 17/32"	3,5
05072055001	0,6	4,5	25	1"	4,5
05056015001	0,6	4,5	39	1 17/32"	4,5
05072057001	0,8	5,5	25	1"	5,5
05056020001	0,8	4,0	39	1 17/32"	4,0
05056025001	0,8	5,5	39	1 17/32"	5,5
05072059001	1,0	5,5	25	1"	5,5
05056030001	1,0	5,5	39	1 17/32"	5,5
05072061001	1,2	6,5	25	1"	6,2
05072063001	1,2	8,0	25	1"	8,0
05056037001	1,2	6,5	39	1 17/32"	6,5
05056040001	1,2	8,0	39	1 17/32"	8,0
05072065001	1,6	8,0	25	1"	8,0
05056045001	1,6	8,0	39	1 17/32"	8,0

## 800/1 Z Set SB

		4013288
05073300001	1 x 0.6x4.5x25; 1 x 0.8x5.5x25	029010
05073301001	1 x 1.0x5.5x25; 1 x 1.2x6.5x25	029027
05073302001	1 x 0.6x4.5x25; 1 x 1.0x5.5x25; 1 x 1.2x6.5x25	029034



## 800/1 Z Set D

		4013288
05073303001	1 x 1.0x5.5x25	029041
	1 x PH 2x25	
	1 x PZ 2x25	



## Tip



## Stainless Steel Bits



Wera stainless steel bits are manufactured out of stainless steel so unsightly rust can be avoided. The stainless steel bits from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.



## BDC-Bits

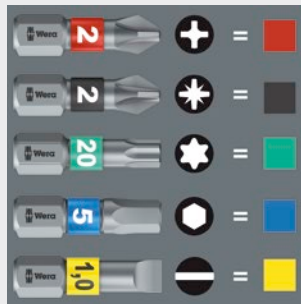


BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.

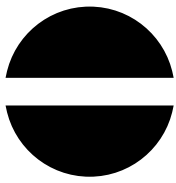
The diamond coating lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.



## "Take it easy"



"Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.



# Bits for Slotted Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 3800/4 Bits for slotted screws, stainless



**Application:** Slotted screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Stainless steel for minimising rust

	√ mm	√ mm	√ mm	√ mm
05071080001	1,0	5,5	89	3 1/2"

## 800/4 Z bits



**Application:** Slotted screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

	√ mm	√ mm	√ mm	√ "	∅ mm
05059305001	0,5	3,0	50	2"	3,0
05059466001	0,5	3,0	70	2 3/4"	3,0
05059307001	0,5	4,0	50	2"	4,0
05059310001	0,6	3,5	50	2"	3,5
05059472001	0,6	3,5	70	2 3/4"	3,5
05059450001	0,6	3,5	152	6"	3,5
05059315001	0,6	4,5	50	2"	4,5
05059489001	0,6	4,5	89	3 1/2"	4,5
05059320001	0,8	4,0	50	2"	4,0
05059478001	0,8	4,0	70	2 3/4"	4,0
05059480001	0,8	4,0	89	3 1/2"	4,0
05059451001	0,8	4,0	152	6"	4,0
05059325001	0,8	5,5	50	2"	5,5
05059330001	1,0	5,5	50	2"	5,5
05059486001	1,0	5,5	70	2 3/4"	5,5
05059488001	1,0	5,5	89	3 1/2"	5,5
05059452001	1,0	5,5	152	6"	5,5
05059335001	1,0	6,0	50	2"	6,0
05059337001	1,2	6,5	50	2"	6,2
05059492001	1,2	6,5	70	2 3/4"	6,2
05059490001	1,2	6,5	89	3 1/2"	6,2
05059453001	1,2	6,5	152	6"	6,2
05059340001	1,2	8,0	50	2"	8,0
05059496001	1,2	8,0	89	3 1/2"	8,0
05059345001	1,6	8,0	50	2"	8,0
05059500001	1,6	8,0	89	3 1/2"	8,0



## 5/16" hexagon drive, suitable for D 8 bit holders or direct drive (series 2)

### 800/2 Z bits



**Application:** Slotted screws

**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-D 8 bit holders

**Design:** Tough, for universal use

	mm	mm	mm	mm	mm
05057210001	0,8	5,5	41	1 19/32"	5,5
05057213001	1,0	5,5	41	1 19/32"	5,5
05057223001	1,2	6,5	41	1 19/32"	6,5
05057225001	1,2	8,0	41	1 19/32"	7,8
05057230001	1,6	8,0	41	1 19/32"	7,8
05057235001	1,6	10,0	41	1 19/32"	7,8
05057240001	2,0	12,0	41	1 19/32"	12,0
05057250001	2,5	14,0	41	1 19/32"	14,0
05057255001	2,5	16,0	41	1 19/32"	16,0



## 4 mm 4 mm Halfmoon direct drive (series 9)

### 800/9 C bits



**Application:** Slotted screws

**Drive:** Halfmoon, 4 mm

**Design:** Hard

	mm	mm	mm	mm	mm
05135265001	0,23	1,5	44	1 47/64"	1,8
05135266001	0,40	2,0	44	1 47/64"	2,0
05135267001	0,50	3,0	44	1 47/64"	3,0



# Guide Sleeves

### 807/4 Z bits

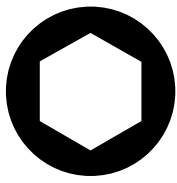


**Application:** Slotted screws with integrated guide sleeve

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

	mm	mm	mm	mm	mm
05059503001	0,8	4,0	90	3 1/2"	10
05059507001	1,0	5,5	90	3 1/2"	11
05059515001	1,2	8,0	90	3 1/2"	13
05059517001	1,6	8,0	90	3 1/2"	13



# Bits for Hexagon Socket Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 840/1 IMP DC Impaktor bits



**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (blue = hexagon) and large stamp to enable the desired bit to be easily located.

	⊙ mm	┆ mm	┆ "
05057603001	3,0	25	1"
05057604001	4,0	25	1"
05057605001	5,0	25	1"
05057606001	6,0	25	1"

## 840/1 IMP DC Impaktor bits SB

	⊙	┆	┆
05073904001	1 x 4.0x25	158338	4013288
05073905001	1 x 5.0x25	158345	
05073906001	1 x 6.0x25	158352	



## 3840/1 TS bits, stainless



**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Hex-Plus, stainless steel for minimising rust, special torsion-style design to reduce premature wear. Take it easy toolfinder: Output colour coding (blue = hexagon) and large stamp to enable the desired bit to be easily located.

	⊙ mm	⊙ "	┆ mm	┆ "
05071070001	1,5		25	1"
05071071001	2,0		25	1"
05071072001	2,5		25	1"
05071073001	3,0		25	1"
05071074001	4,0		25	1"
05071075001	5,0		25	1"
05071077001	5,5		25	1"
05071076001	6,0		25	1"
05071060001		3/32"	25	1"
05071061001		7/64"	25	1"
05071062001		1/8"	25	1"
05071063001		9/64"	25	1"
05071064001		5/32"	25	1"
05071065001		3/16"	25	1"
05071066001		1/4"	25	1"

## 840/1 BTZ bits



**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Hex-Plus, BiTorsion for long service life, extra-tough, for universal use. Take it easy toolfinder: Output colour coding (blue = hexagon) and large stamp to enable the desired bit to be easily located.

	⊙ mm	┆ mm	┆ "
05056680001	1,5	25	1"
05056681001	2,0	25	1"
05056682001	2,5	25	1"
05056683001	3,0	25	1"
05056684001	4,0	25	1"
05056685001	5,0	25	1"
05056686001	5,5	25	1"
05056687001	6,0	25	1"





## 840/1 Z bits





**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Hex-Plus, tough, for universal use

	 mm	 mm	 mm	 mm
05056303001	1,5	25	1"	
05056305001	2,0	25	1"	
05056310001	2,5	25	1"	
05056315001	3,0	25	1"	
05056320001	4,0	25	1"	
05056325001	5,0	25	1"	
05056330001	6,0	25	1"	
05056332001	7,0	25	1"	
05056335001	8,0	25	1"	
05056340001	10,0	25	1"	
05135060001		0,05"	25	1"
05135070001		1/16"	25	1"
05135071001		5/64"	25	1"
05135072001		3/32"	25	1"
05135078001		7/64"	25	1"
05135073001		1/8"	25	1"
05135069001		9/64"	25	1"
05135074001		5/32"	25	1"
05135075001		3/16"	25	1"
05135079001		7/32"	25	1"
05135076001		1/4"	25	1"
05135077001		5/16"	25	1"
05135068001		3/8"	25	1"

## 840/1 Z Set SB

	 1 x 2.0x25; 1 x 2.5x25; 1 x 3.0x25	 1 x 4.0x25; 1 x 5.0x25; 1 x 6.0x25	4013288 029607 029614
05073342001			
05073344001			







## 842/1 Z bits



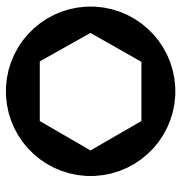
**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Ball end, tough, for universal use

	 mm	 mm	 mm	 mm
05056350001	2,5	25	1"	
05056352001	3,0	25	1"	
05056354001	4,0	25	1"	
05056356001	5,0	25	1"	
05056358001	6,0	25	1"	
05380103001		3/32"	25	1"
05380104001		7/64"	25	1"
05380105001		1/8"	25	1"
05380106001		9/64"	25	1"
05380107001		5/32"	25	1"
05380108001		3/16"	25	1"
05380109001		7/32"	25	1"
05380110001		1/4"	25	1"





# Bits for Hexagon Socket Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 840/4 IMP DC Impaktor bits



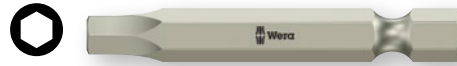
**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance. Take it easy toolfinder: Output colour coding (blue = hexagon) and large stamp to enable the desired bit to be easily located.

	mm	mm	"
05057644001	4,0	50	2"
05057645001	5,0	50	2"
05057646001	6,0	50	2"

## 3840/4 Bits, stainless



**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Stainless steel for minimising rust

	mm	mm	"
05071101001	3,0	89	3 1/2"
05071102001	4,0	89	3 1/2"
05071103001	5,0	89	3 1/2"
05071049001	5,5	50	2"
05071104001	6,0	89	3 1/2"
05071105001		3/32"	89 3 1/2"
05071106001		1/8"	89 3 1/2"
05071107001		5/32"	89 3 1/2"
05071108001		3/16"	89 3 1/2"

## 840/4 IMP DC Impaktor bits SB

		4013288
05073944001	1 x 4.0x50	158451
05073945001	1 x 5.0x50	158468
05073946001	1 x 6.0x50	158475



## 840/4 Z bits



**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Hex-Plus, tough, for universal use

	⊙ mm	⊙ mm	⊏ mm	⊏ mm	∅ mm
05059602001	1,5		50	2"	2,0
05059603001	2,0		50	2"	4,0
05059628001	2,0		89	3 1/2"	4,0
05059604001	2,5		50	2"	4,0
05059629001	2,5		89	3 1/2"	4,0
05059605001	3,0		50	2"	4,0
05059630001	3,0		89	3 1/2"	4,0
05380033001	3,0		152	6"	4,0
05059610001	4,0		50	2"	5,0
05059631001	4,0		89	3 1/2"	5,0
05059634001	4,0		152	6"	5,0
05059615001	5,0		50	2"	6,0
05059632001	5,0		89	3 1/2"	6,0
05059635001	5,0		152	6"	6,0
05059620001	6,0		50	2"	5,0
05059633001	6,0		89	3 1/2"	-
05059636001	6,0		152	6"	-
05059625001	8,0		50	2"	-
05350430001		0,05"	50	2"	2,5
05135090001		1/16"	50	2"	2,5
05380045001		1/8"	152	6"	4,0
05135091001		5/64"	50	2"	3,0
05059660001		5/64"	89	3 1/2"	3,0
05135092001		3/32"	50	2"	3,0
05059661001		3/32"	89	3 1/2"	3,5
05135093001		7/64"	50	2"	3,5
05059662001		7/64"	89	3 1/2"	4,0
05135094001		1/8"	50	2"	4,0
05059663001		1/8"	89	3 1/2"	4,0
05135095001		9/64"	50	2"	4,5
05059664001		9/64"	89	3 1/2"	4,5
05380046001		9/64"	152	6"	4,5
05135096001		5/32"	50	2"	5,0
05059665001		5/32"	89	3 1/2"	5,0
05380047001		5/32"	152	6"	5,0
05135097001		3/16"	50	2"	6,0
05059666001		3/16"	89	3 1/2"	6,0
05380048001		3/16"	152	6"	6,0
05135098001		7/32"	50	2"	-
05059667001		7/32"	89	3 1/2"	-
05380049001		7/32"	152	6"	-
05135099001		1/4"	50	2"	-
05059668001		1/4"	89	3 1/2"	-
05380050001		1/4"	152	6"	-
05346288001		5/16"	50	2"	-

## Tip



### Impaktor-Bits



Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.



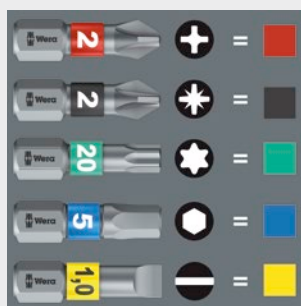
### Hex-Plus



Hexagon screws can endure a problem because the contact surfaces delivering the power from the conventional tool, is transferred to the screw via very small surface areas. The consequence: the screw can become damaged (rounding out). Hex-Plus tools have a greater contact surface that prevents this from happening! Good to know: Hex-Plus tools fit into every standard hexagon socket screw!

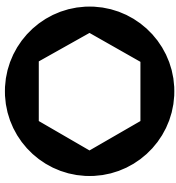


### "Take it easy"



"Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.





# Bits for Hexagon Socket Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





## 842/4 Bits



**Application:** Hexagon socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Ball end, tough, for universal use

	 mm	 mm	 mm	 mm
05059680001	3,0		89	3 1/2"
05059681001	4,0		89	3 1/2"
05059682001	5,0		89	3 1/2"
05059683001	6,0		89	3 1/2"
05380124001		3/32"	89	3 1/2"
05380125001		7/64"	89	3 1/2"
05380126001		1/8"	89	3 1/2"
05380127001		9/64"	89	3 1/2"
05380128001		5/32"	89	3 1/2"
05380129001		3/16"	89	3 1/2"
05380130001		7/32"	89	3 1/2"
05380131001		1/4"	89	3 1/2"



## 5/16" hexagon drive, suitable for D 8 bit holders or direct drive (series 2)





### 840/2 Z Bits



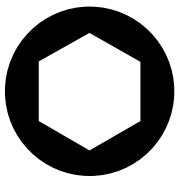
**Application:** Hexagon socket screws

**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-D 8 bit holders

**Design:** Hex-Plus, tough, for universal use

	 mm	 mm	 mm	 "
05057505001	3		30	1 3/16"
05057510001	4		30	1 3/16"
05057550001	4		50	2"
05057560001	4		70	2"
05057570001	4		100	4"
05057515001	5		30	1 3/16"
05057551001	5		50	2"
05057561001	5		70	2 3/4"
05057571001	5		100	4"
05057520001	6		30	1 3/16"
05057552001	6		50	2"
05057562001	6		70	2 3/4"
05057572001	6		100	4"
05057553001	7		50	2"
05057573001	7		100	4"
05057525001	8		30	1 3/16"
05057554001	8		50	2"
05057563001	8		70	2 3/4"
05057574001	8		100	4"
05057530001	10		30	1 3/16"
05057555001	10		50	2"
05057575001	10		100	4"
05221102001		5/32"	30	1 3/16"
05057565001		5/32"	70	2 3/4"
05135083001		3/16"	30	1 3/16"
05135084001		7/32"	30	1 3/16"
05057566001		7/32"	70	2 3/4"
05135080001		1/4"	30	1 3/16"
05057567001		1/4"	70	2 3/4"
05135081001		5/16"	30	1 3/16"
05057568001		5/16"	70	2 3/4"
05135082001		3/8"	30	1 3/16"





# Bits for Hexagon Socket Screws



4 mm 4 mm Halfmoon direct drive (series 9)

## 840/9 C bits Hex-Plus

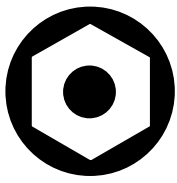


**Application:** Hexagon socket screws

**Drive:** Halfmoon, 4 mm

**Design:** Hard

	mm	mm	mm	mm
05135268001	1,5	44	1 <sup>47</sup> / <sub>64</sub> "	2,6
05135269001	2,0	44	1 <sup>47</sup> / <sub>64</sub> "	2,6



# Bits for Tamper-Proof Hexagon Socket Screws with safety pin



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 840/1 Z Tamper-proof Hex-Plus BO bits



**Application:** Hexagon socket screws with safety pin (BO = with bore hole)

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Hex-Plus with bore hole, tough, for universal use

	mm	mm	"
05056341001	2,0	25	1"
05056342001	2,5	25	1"
05056343001	3,0	25	1"
05056344001	4,0	25	1"
05056345001	5,0	25	1"
05056346001	6,0	25	1"



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 840/4 Z Tamper-proof Hex-Plus BO bits



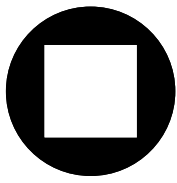
**Application:** Hexagon socket screws with safety pin (BO = with bore hole)

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Hex-Plus with bore hole, tough, for universal use

	mm	mm	"	mm
05059640001	2,0	89	3 1/2"	4,0
05059641001	2,5	89	3 1/2"	4,0
05059642001	3,0	89	3 1/2"	4,0
05059643001	4,0	89	3 1/2"	5,0
05059644001	5,0	89	3 1/2"	6,0
05059645001	6,0	89	3 1/2"	-





# Bits for Square Socket Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 868/1 IMP DC Impaktor Square-Plus bits



**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance

		 mm	
05057631001	# 2	25	1"
05057632001	# 3	25	1"

## 868/1 IMP DC SB Impaktor Square-Plus bits

05073931001		1 x # 2x25	158437
05073932001		1 x # 3x25	158444



## 3868/1 TS Square-Plus bits, stainless



**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Stainless steel for minimising rust, special torsion-style design to reduce premature wear

		 mm	
05071025001	# 2	25	1"

## 868/1 BTZ Square-Plus bits



**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use

		 mm		 mm
05066445001	# 1	25	1"	4,2
05066446001	# 2	25	1"	4,2
05066447001	# 3	25	1"	5,5





## 868/1 Z Square-Plus bits



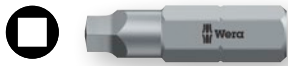
**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 mm	 mm
05066395001	# 00	25	1"	3,5
05066400001	# 0	25	1"	3,5
05066405001	# 1	25	1"	4,5
05066410001	# 2	25	1"	6,0
05066415001	# 3	25	1"	6,0
05066420001	# 4	25	1"	8,0





## 868/1 V Square-Plus bits



**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use, with holding function

		 mm	 mm	 mm
05340245001	# 1	25	1"	6,1
05066394001	# 2	25	1"	6,1
05066396001	# 3	25	1"	6,1

## Tip

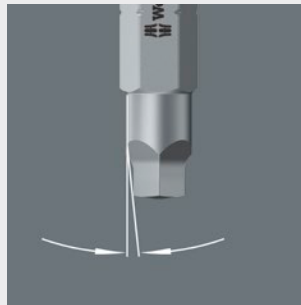


### Impaktor-Bits



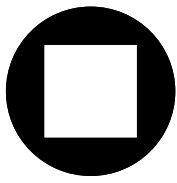
For an above-average service life. Maximum utilisation of the material properties, a very special geometry – designed particularly to meet the extreme demands – as well a specific manufacturing process mean that Wera Impaktor tools have an above-average service life. Another product advantage is the coating of the Impaktor bits with minute diamond particles. These diamond particles reduce the cam-out effects – particularly high in power tool applications – which can lead to a slipping out of the screw head. The diamond particles literally bite themselves into the screw recess. This means that less contact pressure is required, something that greatly delays fatigue setting-in in power tool screwdriving jobs.

### V bits for square recess screws



V bits have a conical profile. The clamping forces thus resulting hold Robertson screws securely on the tip of the tool. Ideal for screwdriving at difficult-to-access places.





# Bits for Square Socket Screws



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 868/4 IMP DC Impaktor Square-Plus bits



**Application:** Square socket head screws

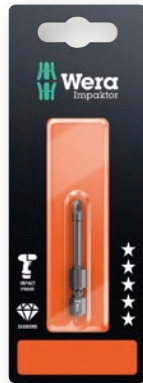
**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry, particularly suitable for use with conventional impact drivers, the rough diamond coating reduces the danger of any slipping out of the screw head due to the enhanced frictional resistance

		 mm	 "
05057671001	# 2	50	2"
05057672001	# 3	50	2"

## 868/4 IMP DC SB Impaktor Square-Plus bits

05073971001		1 x # 2x50	158550
05073972001		1 x # 3x50	158567



## 3868/4 Square-Plus bits, stainless



**Application:** Square socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Stainless steel for minimising rust

		 mm	 "	 mm
05071097001	# 1	89	3 1/2"	4,5
05071098001	# 2	89	3 1/2"	5,0
05071099001	# 3	89	3 1/2"	5,5

## 868/4 BTZ Square-Plus bits



**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** BiTorsion for long service life, extra-tough, for universal use

		 mm	 "	 mm
05060147001	#1	50	2"	4,2
05060148001	#2	50	2"	4,2
05060149001	#3	50	2"	5,5





## 868/4 Square-Plus bits



**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 "	 mm
05060150001	# 00	50	2"	3,5
05060155001	# 0	50	2"	3,5
05060160001	# 1	50	2"	4,5
05060180001	# 1	70	2 3/4"	4,5
05134800001	# 1	89	3 1/2"	4,5
05134805001	# 1	152	6"	4,5
05060165001	# 2	50	2"	6,0
05060182001	# 2	70	2 3/4"	6,0
05134801001	# 2	89	3 1/2"	6,0
05134806001	# 2	152	6"	6,0
05060170001	# 3	50	2"	6,0
05060184001	# 3	70	2 3/4"	6,0
05134802001	# 3	89	3 1/2"	6,0
05134807001	# 3	152	6"	6,0
05060175001	# 4	50	2"	8,0





## 868/4 V Square-Plus bits



**Application:** Square socket head screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

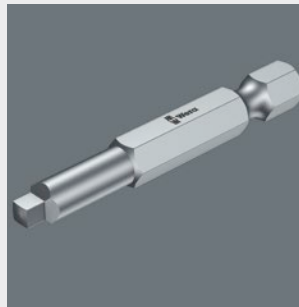
**Design:** Tough, for universal use, with holding function

		 mm	 "	 mm
05060300001	# 1	50	2"	4,5
05060297001	# 1	89	3 1/2"	4,5
05060301001	# 2	50	2"	6,0
05060302001	# 2	70	2 3/4"	6,0
05060303001	# 2	89	3 1/2"	6,0
05060304001	# 2	152	6"	6,0
05060296001	# 3	50	2"	6,0
05060298001	# 3	89	3 1/2"	6,0

## Tip



### BTZ-Bits



BTZ-Bits have an additional tempered BitTorsion zone, which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.



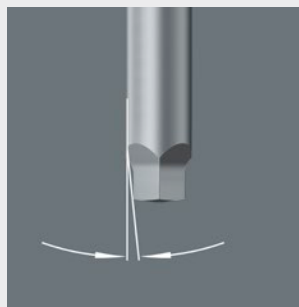
### Stainless Steel Bits



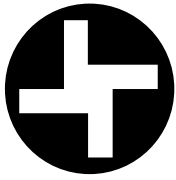
Wera stainless steel bits are manufactured out of stainless steel so unsightly rust can be avoided. The stainless steel bits from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.



## V bits for square recess screws



V bits have a conical profile. The clamping forces thus resulting hold Robertson screws securely on the tip of the tool. Ideal for screwdriving at difficult-to-access places.



# Bits for TORQ-SET® Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)






## 871/1 DC TORQ-SET® Mplus bits



**Application:** TORQ-SET® screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Mplus for higher breaking torque and longer service life, diamond-coated for secure screw fit

	 mm	 mm	 mm	 mm	 mm
05066638001	4	25	1"	4,7	4,7
05066640001	6	25	1"	4,7	4,7
05066642001	8	25	1"	6,0	6,0
05066644001	10	25	1"	6,0	6,0
05066646001	6	1/4"	32	1 1/4"	11,0





## 871/1 TORQ-SET® Mplus bits, 32 mm



**Application:** TORQ-SET® screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Mplus for higher breaking torque and longer service life, tough, for universal use

	 mm	 mm	 mm	 mm
05066634001	1/4"	32	1 1/4"	11,0
05066635001	5/16"	32	1 1/4"	11,0




## 871/1 TORQ-SET® Mplus bits, 25 mm



**Application:** TORQ-SET® screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Mplus for higher breaking torque and longer service life, tough, for universal use

	 mm	 mm	 mm	 mm	 mm
05066618001	0	25	1"	4,7	4,7
05066619001	1	25	1"	4,7	4,7
05066620001	2	25	1"	4,7	4,7
05066622001	3	25	1"	4,7	4,7
05066624001	4	25	1"	4,7	4,7
05066626001	5	25	1"	4,7	4,7
05066628001	6	25	1"	4,7	4,7
05066630001	8	25	1"	6,0	6,0
05066632001	10	25	1"	6,0	6,0
05066633001	1/4"	25	1"	6,0	6,0



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





### 871/4 DC TORQ-SET® Mplus bits



**Application:** TORQ-SET® screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Mplus for higher breaking torque and longer service life, diamond-coated for secure screw fit

				
	mm	mm	mm	"
05324901001	2	50	2"	
05066688001	4	50	2"	
05066690001	6	50	2"	
05066692001	8	50	2"	
05066694001	10	50	2"	
05066696001		1/4"	50	2"
05344515001		5/16"	50	2"





### 871/4 TORQ-SET® Mplus bits



**Application:** TORQ-SET® screws

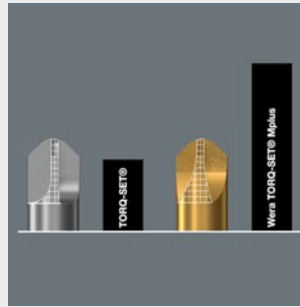
**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Mplus for higher breaking torque and longer service life

				
	mm	mm	mm	"
05066660001	2	50	2"	
05066683001	2	89	3 1/2"	
05066662001	3	50	2"	
05066684001	3	89	3 1/2"	
05066664001	4	50	2"	
05066685001	4	89	3 1/2"	
05066666001	5	50	2"	
05066668001	6	50	2"	
05066676001	6	70	2 3/4"	
05066686001	6	89	3 1/2"	
05066670001	8	50	2"	
05066678001	8	70	2 3/4"	
05066687001	8	89	3 1/2"	
05066672001	10	50	2"	
05066680001	10	70	2 3/4"	
05066682001	10	89	3 1/2"	
05066674001		1/4"	50	2"
05221110001		5/16"	50	2"

## Tip

### TORQ-SET® Mplus



Wera developed the Mplus profile with stronger flanks compared with tools with a conventional TORQ-SET® profile. This results in approximately 70 % extra torsional strength and greatly extends the service life of Wera Mplus tools.

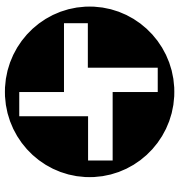


### Bits with diamond coating



The diamond coating of the DC bits lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head.





# Bits for TORQ-SET® Screws



5/16" hexagon drive, suitable for D 8 bit holders or direct drive (series 2)





## 871/2 TORQ-SET® Mplus bits



**Application:** TORQ-SET® screws

**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-D 8 bit holders

**Design:** Mplus for higher breaking torque and longer service life, tough, for universal use

	 mm	 mm	 mm	 mm
05066650001	8		32	1 1/4"
05066652001	10		32	1 1/4"
05066654001		1/4"	32	1 1/4"
05066656001		5/16"	32	1 1/4"
05066658001		3/8"	32	1 1/4"



7/16" hexagon drive, suitable for F 11,2 bit holders or direct drive (series 7)





## 871/7 TORQ-SET® Mplus bits



**Application:** TORQ-SET® screws

**Drive:** 7/16" hexagon, suitable for power tools with DIN ISO 1173-F 11,2 chuck

**Design:** Mplus for higher breaking torque and longer service life

	 mm	 mm	 mm	 mm
05066740001	1/4"	35	1 3/8"	11,0
05066742001	5/16"	35	1 3/8"	11,0
05066744001	3/8"	35	1 3/8"	11,0
05066746001	7/16"	35	1 3/8"	11,0



5/16" hexagon drive, suitable for F 8 bit holders or direct drive (series 6)






## 871/6 TORQ-SET® Mplus bits



**Application:** TORQ-SET® screws

**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-F 8 bit holders

**Design:** Mplus for higher breaking torque and longer service life

	 mm	 mm	 mm	 mm	 mm
05066700001	8		35	1 3/8"	6,0
05066702001	10		35	1 3/8"	6,0
05066704001		1/4"	35	1 3/8"	11,0



5/8" direct drive hexagon (series 19)




## 871/19 TORQ-SET® Mplus bits



**Application:** TORQ-SET® screws

**Drive:** 5/8" hexagon

**Design:** Mplus for higher breaking torque and longer service life

	 mm	 mm	 mm
05066750001	1/2"	40	1 9/16"
05066752001	9/16"	40	1 9/16"
05066754001	5/8"	40	1 9/16"



# Bits for TRI-WING® Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 875/1 TRI-WING® bits, 25 mm



**Application:** TRI-WING® screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		□, mm	□, "	∅ mm
05066758001	0	25	1"	4,7
05066760001	1	25	1"	4,7
05066762001	2	25	1"	4,7
05066764001	3	25	1"	4,7
05066766001	4	25	1"	6,2
05066768001	5	25	1"	6,2

## 875/1 TRI-WING® bits, 32 mm



**Application:** TRI-WING® screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		□, mm	□, "	∅ mm
05066770001	6	32	1 1/4"	11,0
05066772001	7	32	1 1/4"	11,0
05066774001	8	32	1 1/4"	12,5



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 875/4 TRI-WING® bits



**Application:** TRI-WING® screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

		□, mm	□, "
05066785001	1	89	3 1/2"
05066786001	2	89	3 1/2"
05066787001	3	89	3 1/2"
05066780001	4	50	2"
05066788001	4	89	3 1/2"
05066782001	5	50	2"
05066784001	6	50	2"



5/16" hexagon drive, suitable for F 8 bit holders or direct drive (series 6)

## 875/6 TRI-WING® bits



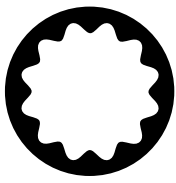
**Application:** TRI-WING® screws

**Drive:** 5/16" hexagon, suitable for DIN ISO 1173-F 8 bit holders

**Design:** Tough, for universal use

		□, mm	□, "	∅ mm
05066790001	6	35	1 3/8"	11,0
05066792001	7	35	1 3/8"	11,0
05066794001	8	35	1 3/8"	12,5





# Bits for Multi-Point Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)





## 860/1 XZN multi-point bits



**Application:** Multi-point socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 mm	 mm
05066150001	M 4	25	1"	4,17
05066155001	M 5	25	1"	5,14
05066160001	M 6	25	1"	-
05066165001	M 8	25	1"	8,0
05066170001	M 10	25	1"	10,0



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





## 860/4 XZN multi-point bits

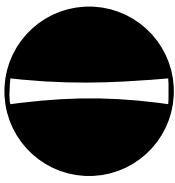


**Application:** Multi-point socket screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 mm	 mm
05066175001	M 4	50	2"	4,17
05066180001	M 5	50	2"	5,14
05066185001	M 6	50	2"	-
05066190001	M 8	50	2"	8,0
05066195001	M 10	50	2"	10,0
05066200001	M 12	50	2"	12,0



# Bits for Hi-TORQUE Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 800/1 HTN Hi-TORQUE bits



**Application:** Hi-TORQUE screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

		□, mm	□,
05055950001	1	32	1 1/4"
05055951001	2	32	1 1/4"
05055952001	3	32	1 1/4"
05055953001	4	32	1 1/4"

## 700 A HTS Hi-TORQUE bits



**Application:** For Hi-TORQUE screws

**Drive:** 1/4"-square drive socket

		□, mm	□,
05040030001	0	25	1"
05040031001	1	25	1"
05040032001	2	25	1"
05040033001	3	25	1"
05040034001	4	25	1"

## 700 B HTS Hi-TORQUE bits



**Application:** For Hi-TORQUE screws

**Drive:** 3/8"-square drive socket

		□, mm	□,
05040040001	3	25	1"
05040041001	4	25	1"
05040042001	5	32	1 1/4"
05040043001	6	32	1 1/4"



## 700 C HTS Hi-TORQUE bits



**Application:** For Hi-TORQUE screws

**Drive:** 1/2"-square drive socket

		□, mm	□,
05040045001	7	42	1 5/8"
05040046001	8	42	1 5/8"
05040047001	9	42	1 5/8"
05040048001	10	42	1 5/8"
05040049001	12	60	2 3/8"



# Bits for Microstix Screws







4 mm 4 mm Halfmoon direct drive (series 9)

## 872/9 bits for Microstix screws



**Application:** Microstix socket screws  
**Drive:** Halfmoon, 4 mm  
**Design:** Precision hardened for sensitive applications

		 mm	 mm	 "
05066850001	m	44	2,0	1 <sup>47</sup> / <sub>64</sub>
05066851001	00	44	2,0	1 <sup>47</sup> / <sub>64</sub>
05066852001	F	44	2,0	1 <sup>47</sup> / <sub>64</sub>
05066853001	0	44	2,0	1 <sup>47</sup> / <sub>64</sub>
05066854001	1	44	2,0	1 <sup>47</sup> / <sub>64</sub>







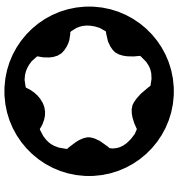
4 mm 4 mm HIOS direct drive (series 21)

## 872/21 bits for Microstix screws



**Application:** Microstix socket screws  
**Drive:** HIOS 4 mm  
**Design:** Precision hardened for sensitive applications

		 mm	 mm	 "
05066860001	m	40	2,0	1 <sup>9</sup> / <sub>16</sub>
05066861001	00	40	2,0	1 <sup>9</sup> / <sub>16</sub>
05066862001	F	40	2,0	1 <sup>9</sup> / <sub>16</sub>
05066863001	0	40	2,0	1 <sup>9</sup> / <sub>16</sub>
05066864001	1	40	2,0	1 <sup>9</sup> / <sub>16</sub>



# Bits for Tamper-Proof Five Lobe Screws



4 mm 4 mm Halfmoon direct drive (series 9)





## 873/9 Five Lobe bits



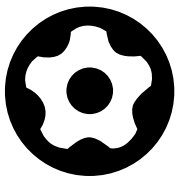
**Application:** Five Lobe screws

**Drive:** Halfmoon, 4 mm

**Design:** Tough, for universal use

		 mm	 mm	 mm
05060380001	# 1	44	1 <sup>47</sup> / <sub>64</sub> "	1,8





# Bits for Five Lobe Screws With Safety Pin



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)




## 873/1 Five Lobe bits with bore hole



**Application:** Five Lobe screws with safety pin

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		 mm	
05066601001	10	25	1"
05066602001	15	25	1"
05066603001	20	25	1"
05066604001	25	25	1"
05066605001	27	25	1"
05066606001	30	25	1"
05066607001	40	35	1 3/8"



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





**873/4 Five Lobe bits with bore hole**



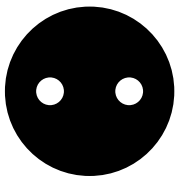
**Application:** Five Lobe screws with safety pin

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 mm	 mm
05066610001	10	89	3 1/2"	4,0
05066611001	15	89	3 1/2"	4,0
05066612001	20	89	3 1/2"	4,5
05066613001	25	89	3 1/2"	6,0
05066614001	27	89	3 1/2"	6,0
05066615001	30	89	3 1/2"	6,0





# Bits for Spanner Screws



1/4" hexagon drive, suitable for D 6,3 bit holders (series 1)

## 857/1 Z spanner bits



**Application:** Spanner screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 mm	 mm
05057150001	4	25	1"	3,18
05057151001	6	25	1"	4,32
05057152001	8	25	1"	5,21
05057153001	10	25	1"	6,10



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 857/4 Z spanner bits

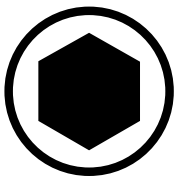


**Application:** Spanner screws

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Tough, for universal use

		 mm	 mm	 mm
05057160001	4	89	3 1/2"	3,18
05057161001	6	89	3 1/2"	4,32
05057162001	8	89	3 1/2"	5,21
05057163001	10	89	3 1/2"	6,10



# Nutsetters



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)

## 3869/4 Nutsetters, stainless



**Application:** Hexagon headed bolts, screws and nuts

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Non-magnetic, retaining spring, stainless steel for minimising rust

	mm	mm	mm	mm
05071222001	7,0		50,0	12,5
05071223001	8,0		50,0	14,0
05071224001	10,0		50,0	16,0
05071225001	13,0		50,0	19,5
05071228001		3/8"	50,0	16,0

## 869/4 Nutsetters



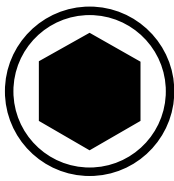
**Application:** Hexagon headed bolts, screws and nuts

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Non-magnetic

	mm	mm	mm	mm
05060400001	5,5		50,0	11,0
05060272001	5,5		65,0	9,5
05060401001	6,0		50,0	11,0
05060274001	6,0		65,0	11,0
05060402001	7,0		50,0	11,0
05060276001	7,0		65,0	11,0
05060403001	8,0		50,0	12,5
05060278001	8,0		65,0	12,5
05060404001	9,0		50,0	14,0
05060280001	9,0		65,0	14,0
05060405001	10,0		50,0	14,0
05060282001	10,0		65,0	14,0
05060406001	11,0		50,0	16,0
05060281001	11,0		65,0	16,0
05060407001	12,0		50,0	18,0
05060283001	12,0		65,0	17,0
05060408001	13,0		50,0	18,0
05060284001	13,0		65,0	19,0
05060409001		1/4"	50,0	11,0
05060286001		1/4"	65,0	11,0
05060410001		5/16"	50,0	12,5
05060290001		5/16"	65,0	12,5
05060411001		3/8"	50,0	14,0
05060288001		3/8"	65,0	14,0
05060412001		7/16"	50,0	16,0





# Nutsetters

**1/4" hexagon drive, suitable for direct drive DIN ISO 1173-F 6,3 machine chucks (series 4)**

## 869/4 M nutsetters, magnetic



**Application:** Hexagon headed bolts, screws and nuts

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

**Design:** Strong permanent magnet

	mm	mm	mm	mm
05060420001	5,5	50,0	11,0	
05060210001	5,5	65,0	11,0	
05060421001	6,0	50,0	11,0	
05060215001	6,0	65,0	11,0	
05060422001	7,0	50,0	11,0	
05060220001	7,0	65,0	11,0	
05060423001	8,0	50,0	12,5	
05060225001	8,0	65,0	12,5	
05060424001	9,0	50,0	14,0	
05060230001	9,0	65,0	14,0	
05060425001	10,0	50,0	14,0	
05060235001	10,0	65,0	14,0	
05060426001	11,0	50,0	16,0	
05060237001	11,0	65,0	16,0	
05060427001	12,0	50,0	18,0	
05060238001	12,0	65,0	17,0	
05060428001	13,0	50,0	18,0	
05060240001	13,0	65,0	19,0	
05060429001		1/4"	50,0	11,0
05060255001		1/4"	65,0	11,0
05060430001		5/16"	50,0	12,5
05060260001		5/16"	65,0	12,5
05060431001		3/8"	50,0	14,0
05060265001		3/8"	65,0	14,0
05060432001		7/16"	50,0	16,0

## 869/4 M SB nutsetters, magnetic

		4013288
05073500001	● 1 x 5.5x50.0	105691
05073501001	● 1 x 6.0x50.0	105707
05073502001	● 1 x 7.0x50.0	106506
05073503001	● 1 x 8.0x50.0	105714
05073504001	● 1 x 9.0x50.0	105721
05073505001	● 1 x 10.0x50.0	105738
05073506001	● 1 x 11.0x50.0	105745
05073507001	● 1 x 12.0x50.0	105752
05073508001	● 1 x 13.0x50.0	105769
05073509001	● 1 x 1/4"x50.0	105776
05073510001	● 1 x 3/8"x50.0	105783

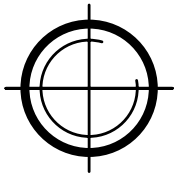


## 869/4 M Set A SB



8 piece set, with strong permanent magnet, in practical pouch for the belt

		4013288
05073495001	869/4 M ● 1 x 7.0x50.0; 1 x 8.0x50.0; 1 x 10.0x50.0; 1 x 12.0x50.0; 1 x 13.0x50.0; 1 x 1/4"x50.0; 1 x 5/16"x50.0; 1 x 3/8"x50.0	144584



# Internal Thread Insertion Tool



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)





## 879/4 Internal thread insertion tool



**Application:** Hanger bolts and threaded rods

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders










**Design:** Internal thread

		 mm	 2"	 mm
05135902001	M6	50,0	2"	8,0
05135903001	M8	50,0	2"	12,0
05135904001	M10	50,0	2"	12,0





# Holders and Adaptors

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	Rapidaptor Bit Holders	<b>362</b>
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# Bit Holders and Adaptors

We were not happy that bit change with bit holders was often quite cumbersome. We found out that strong magnets or retaining rings indeed hold the bit securely, but they greatly impede removal from the holder.

So we have developed bit holders that indeed reliably hold the bit, yet still allow for fast and trouble-free bit change. The solution: bit holders with quick-release mechanisms that lift the bit from the magnets. Bit holders which – depending on the requirements – additionally have elastic zones that absorb peak loads. Or rapid-spin sleeves with which the cordless or electric screwdrivers can be guided during the screwdriving process.

## Impaktor holder

Suitable for extra high torque e.g. from modern 18 volt impact screwdrivers with particularly high resilience. Reduces the risk of premature breakage of the holder or bit and increases the productivity when screwdriving with power tools.



## Rapidaptor stainless steel

Manufactured out of stainless steel thus preventing the formation of unsightly extraneous rust when working with stainless steel. Additionally, it offers all the advantages of the Rapidaptor technology.



## BiTorsion holder

Designed with special BiTorsion zone. The energy from peak loads is diverted into the BiTorsion zone. Considerable reduction of the risk of breakage, much longer service life.



## Rapidaptor holder

Rapid bit change without needing any additional tools. One-hand operation with a freely spinning sleeve for simplified guidance of the tool. Also available in a BiTorsion design.



## Ring magnet Rapidaptor

Special design powerful ring magnet, for larger and heavier screws. Ideal for overhead work, too.



## Holder with quick-release chuck

The magnetic design enables simplified positioning of the screw. The non-magnetic version prevents any unwanted attraction of metal filings.



**Universal holder with retaining ring**  
 Proven holder design, optimal fitting of the tool in the holder. Particularly robust for series applications.



**Copper-beryllium universal holder with retaining ring**  
 Very strong design thus minimising wear and tear. Particularly suitable for screw-driving jobs with high torque or peak loads. Very high resistance to corrosion.



**Universal holder with stainless steel sleeve**  
 The retaining ring and the strong permanent magnet ensure a particularly secure fitting of the bit in the holder.

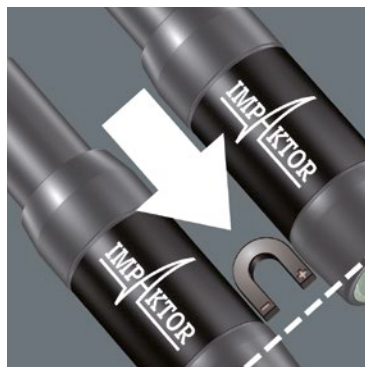


# Impaktor Bits and Holders

Impaktor holder technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry (two coupled torsion zones that perform successively).



The Impaktor stainless steel holder with a retaining ring and magnet satisfies the extreme, dynamic requirements in that there are consciously no small mechanical component parts fitted as they would be more susceptible to failure. It focuses on the basic bit holding function and the cushioning of the extreme impulse peaks with its two different torsion zones. Mainly used in industrial screw assembly applications e.g. with screwdriving robots.



The Impaktor holder with ring magnet additionally holds longer and heavier screws absolutely securely. This enables a speedy and dependable positioning of the screw. It is also ideal for above-head work. Should the magnet function not be required in a particular situation e.g. when working with metal, it can be extracted from the screwdriving area and can thereby be “disabled”. Mainly used in manual power tool applications.



The combination of the double torsion zones in the Impaktor holder and the torsion zone in the Impaktor bit result in the so-called TriTorsion system.



Wera Impaktor bits and holders can also be used individually. However, the best results are achieved with the combination of the two tools that are optimally matched to one another.



# Impaktor Bit Holders

For an above-average service life

## 897/4 IMP Impaktor holder with retaining ring and magnet



Impaktor holder to cushion extreme impulse peaks, special torsion effect from the double-torsion spring, equipped with a retaining ring for a secure fit of the bits in the holder, holder out of stainless steel, fitted with magnet for a secure positioning of the bit and screw.

**Output:** Suitable for bits with 1/4" hexagon head drive as per DIN ISO 1173-C 6,3 and Wera Series 1

**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry (two coupled torsion zones that perform successively), fitted with strong retaining ring and magnet

**Drive:** 1/4" hexagon, suitable for power driven screwdrivers with DIN ISO 1173-F 6,3 chucks

		mm		
05057675001	1/4"	75	3"	1/4"

## 897/4 IMP R Impaktor holder with retaining ring and ring magnet



Impaktor holder to cushion extreme impulse peaks, special torsion effect from the double-torsion spring, equipped with a ring magnet to easily hold longer and heavier screws, also ideal for above-head work, particularly suitable for use with impact drivers, the magnet can be retracted and in this way be disabled

**Output:** Suitable for bits with 1/4" hexagon head drive as per DIN ISO 1173-C 6,3 and Wera Series 1

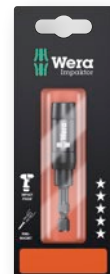
**Design:** The Impaktor technology ensures an above-average service life even under extreme conditions thanks to a best-possible utilisation of the material properties and optimally designed geometry (two coupled torsion zones that perform successively), fitted with retaining ring and ring magnet

**Drive:** 1/4" hexagon, suitable for power driven screwdrivers with DIN ISO 1173-F 6,3 chucks

		mm		
05057676001	1/4"	75	3"	1/4"

## 897/4 IMP R SB Impaktor holder with retaining ring and ring magnet

05073990001	1 x 1/4"x75	4013288 157836





# Rapidaptor Bit Holders

Wera developed the Rapidaptor that allows rapid bit change without any extra tools with only one hand.



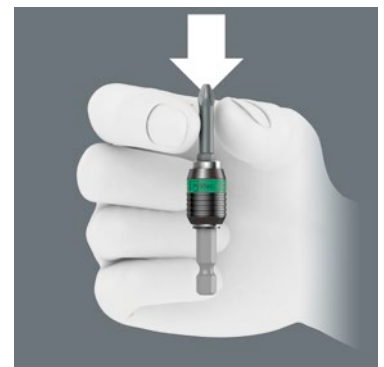
## Chuck-all

The Rapidaptor quick-release chucks hold both 1/4" bits as per DIN ISO 1173-C 6,3 (Wera series 1) and E 6,3 (Wera series 4).



## Single-hand

All functions of the quick-release chuck such as the inserting or releasing of bits can be done with just one hand. That is faster, more economic and ergonomic. There are no unnecessary manoeuvres.



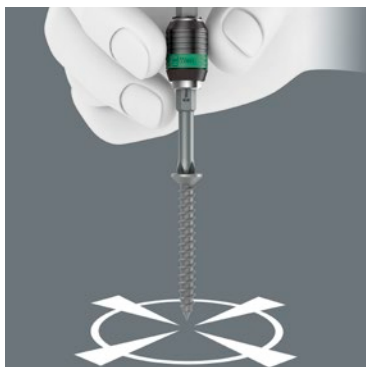
## Rapid-in and self-lock

The bit can be pushed into the chuck without moving the sleeve. It automatically locks with a secure and wobble-free fit as soon as the bit is applied to the screw.



#### Rapid-out

Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. Particularly helpful: even the smallest bits can be removed without any extra tools.



#### Rapid-spin

The free-turning sleeve allows screw steadying at the start of the screwdriving process. This makes it easier to apply the tool to the screw and prevents slipping. It can also be used as a short extension for 1/4" applications e.g. in combination with the Wera Zyklop Ratchets.



#### Rapidaptor with ring magnet

The floating, free-turning magnetic sleeve securely holds even large and heavy screws to enable immediate application. There is no need to hold the screw when applying the tool – something which can be dangerous and painful. Also ideal for overhead work.

# Rapidaptor Bit Holders

For rapid bit changes

## 3888/4/1 K Rapidaptor Universal Bit Holder stainless



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand Technology; stainless steel for minimising rust

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 chuck

	mm	mm	mm	mm	mm
05071100001	1/4"	50	2"	1/4"	15,0

## 3888/4/1 K SB Rapidaptor Universal Bit Holder, stainless

		4013288
05073616001	1 x 1/4"x50	112170



## 897/4 R Rapidaptor BiTorsion Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** BiTorsion for long service life, Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all, and single-hand technology

**Drive:** 1/4" hexagon suitable for power tools with DIN ISO 1173-F 6,3 receiver

	mm	mm	mm	mm	mm
05053923001	1/4"	75	3"	1/4"	15,0

## 897/4 R SB Rapidaptor BiTorsion Universal Bit Holder

		4013288
05073420001	1 x 1/4"x75	099464








### 889/4/1 K Rapidaptor Universal Bit Holder







**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all, and single-hand technology, with strong permanent magnet

**Drive:** 1/4" hexagon suitable for power tools with DIN ISO 1173-F 6,3 receiver

					
	mm	mm	mm	mm	mm
05052502001	1/4"	50	2"	1/4"	15,0

### 889/4/1 K SB Rapidaptor Universal Bit Holder

	
	4013288
05073421001	099440
  1 x 1/4"x50	



## Tip



### BiTorsion Rapidaptor



BiTorsion holders from Wera have a torsion spring design that absorbs smaller peak loads during screwdriving. The combined use with BiTorsion bits with their torsion zone distinctly extends the service life of the tool. Conveniently, BiTorsion holders from Wera can also be used with conventional bits.



### Rapidaptor holder out of stainless steel



Manufactured out of stainless steel thus preventing the formation of unsightly extraneous rust when working with stainless steel. Additionally, it offers all the advantages of the Rapidaptor technology.



# Rapidaptor Bit Holders

For rapid bit changes






## 889/4/1 Rapidaptor Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor easy-in, easy-out, rapid-spin, chuck-all, and single-hand technology, with strong permanent magnet

**Drive:** 1/4" hexagon suitable for power tools with DIN ISO 1173-F 6,3 receiver

					
	1/4"	mm	3"	1/4"	mm
05052503001	1/4"	75	3"	1/4"	15,0






## 888/4/1 K Rapidaptor Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor easy-in, easy-out, rapid-spin, chuck-all, and single-hand technology

**Drive:** 1/4" hexagon suitable for power tools with DIN ISO 1173-F 6,3 receiver

					
	1/4"	mm	2"	1/4"	mm
05052500001	1/4"	50	2"	1/4"	15,0






## 889/4 R Rapidaptor Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Drive:** 1/4" hexagon suitable for power tools with DIN ISO 1173-F 6,3 receiver

**Design:** 1/4" hexagon with Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all, and single-hand technology, magnetic

					
	1/4"	mm	4"	1/4"	mm
05052504001	1/4"	100	4"	1/4"	15,0

## 887/4 RR Rapidaptor Universal Bit Holder with ring magnet



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all, and single-hand technology, with ring magnet and stop sleeve for secure screwdriving on the holder

**Drive:** 1/4" hexagon suitable for power tools with DIN ISO 1173-F 6,3 receiver

	1/4"	mm	mm	1/4"	mm
05052490001	1/4"	57	2 1/4"	1/4"	16
05160987001	1/4"	89	3 1/2"	1/4"	16
05160988001	1/4"	152	6"	1/4"	16

## 887/4 RR SB Rapidaptor Universal Bit Holder with ring magnet



4013288

05073511001

1 x 1/4"x57

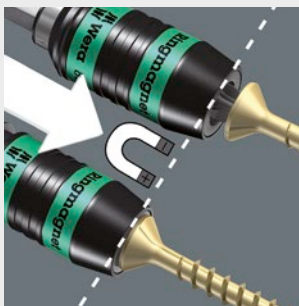
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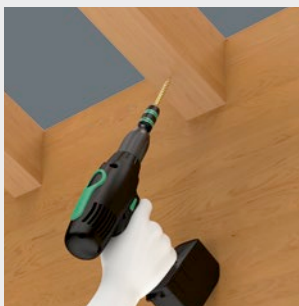
## Tip



### Rapidaptor ring magnet



The floating, free-turning sleeve on the Rapidaptor with powerful ring magnet securely holds even large and heavy screws.



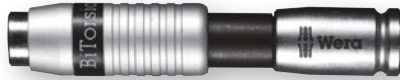
There is no need to hold the screw when applying the tool – something which can be dangerous and painful!



# BiTorsion Quick-Release Chuck Holders

Adaptor for hexagon to square drive

## 797 A/4/1 B BiTorsion Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** BiTorsion for long service life, with strong permanent magnet

**Drive:** 1/4"-female square socket for use with ratchet or power tool

	1/4"	mm	3"	1/4"	mm
05048681001	1/4"	77	3"	1/4"	14,0

## 797 B/4/1 B BiTorsion Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** BiTorsion for long service life, with strong permanent magnet

**Drive:** 3/8"-female square socket for use with ratchet or power tool

	1/4"	mm	3 1/4"	3/8"	mm
05048680001	1/4"	82	3 1/4"	3/8"	14,0

# Universal Bit Holders with Quick-Release Chuck

## Secure hold and rapid bit changes

### 894/4/1 K Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With quick-release chuck

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

		mm		mm	
05053522001	1/4"	51	2"	1/4"	14,3

### 894/4/1 Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With quick-release chuck

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

		mm		mm	
05053520001	1/4"	75	3"	1/4"	14,3

### 894/14/1 Universal Bit Holder



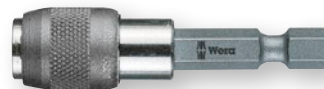
**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With quick-release chuck

**Drive:** SDS plus

		mm		mm
05053560001	1/4"	75	3"	14,3

### 895/4/1 K Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With strong permanent magnet and quick-release chuck

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

		mm		mm	
05053872001	1/4"	52	2"	1/4"	14,3

### 895/4/1 K SB Universal Bit Holder



05073318001 ● 1 x 1/4"x52



4013288

029195



# Universal Bit Holder with Quick-Release Chuck

## Secure hold and rapid bit changes

### 895/4/1 Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With strong permanent magnet and quick-release chuck

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

		mm			mm
05053870001	1/4"	77	3"	1/4"	14,3

### 898/4 Combination Bit Holder



**Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)

**Design:** With quick-release chuck

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

	mm			mm
05051500001	50	2"	1/4"	10,0

### 895/14/1 Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With strong permanent magnet and quick-release chuck

**Drive:** SDS plus

		mm		mm
05053920001	1/4"	81	3 1/8"	14,3

### 898/9 Combination Bit Holder



**Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)

**Design:** With quick-release chuck

**Drive:** Halfmoon, 4 mm

	mm		mm
05051501001	50	2"	10,0

### 898/21 Combination Bit Holder



**Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)

**Design:** With quick-release chuck

**Drive:** HIOS 4 mm

	mm		mm
05051502001	50	2"	10,0






# Universal Bit Holder with Retaining Ring

Proven, secure hold in series manufacturing applications

## 890/00/0 Universal Bit Holder








**Application:** Suitable for 4 mm DIN ISO 1173-C 4 bits  
**Design:** With retaining ring  
**Drive:** 3 mm hexagon, suitable for power tools with DIN ISO 1173-B 3 receiver

					
	mm	mm	mm	mm	mm
05052505001	4	57	2 1/4"	3	6,3

## 890/7/1 Universal Bit Holder








**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1  
**Design:** With retaining ring  
**Drive:** 7/16" hexagon, suitable for power tools with DIN ISO 1173-F 11,2 receiver

					
	mm	mm	mm	mm	mm
05052655001	1/4"	65	2 1/2"	7/16"	11,1

## 890/4/1 Universal Bit Holder








**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1  
**Design:** With retaining ring  
**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

					
	mm	mm	mm	mm	mm
05052575001	1/4"	57	2 1/4"	1/4"	11,1

## 890/7/2 Universal Bit Holder








**Application:** Suitable for 5/16" DIN ISO 1173-C 8 hexagon insert bits and Wera Series 2  
**Design:** With retaining ring  
**Drive:** 7/16" hexagon, suitable for power tools with DIN ISO 1173-F 11,2 receiver

					
	mm	mm	mm	mm	mm
05052725001	5/16"	65	2 1/2"	7/16"	14,3

## 890/6/1 Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1  
**Design:** With retaining ring  
**Drive:** 5/16" hexagon, suitable for power tools with DIN ISO 1173-F 8 receiver

					
	mm	mm	mm	mm	mm
05052625001	1/4"	65	2 1/2"	5/16"	11,1



# Universal Bit Holders with Stainless Steel Sleeve

Strong magnet for secure hold






## 893/4/1 K Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve and strong permanent magnet

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

					
	1/4"	50	2"	1/4"	10,5
05134480001	1/4"	50	2"	1/4"	10,5






## 899/3/1 Universal Bit Holder





**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve, retaining ring, and strong permanent magnet

**Drive:** 5.5 mm hexagon, suitable for power tools with DIN ISO 1173-B 5,5 receiver

					
	1/4"	72	2 3/4"	5,5	10,5
05053425001	1/4"	72	2 3/4"	5,5	10,5

## 893/4/1 K SB Universal Bit Holder

		
05073401001	1 x 1/4"x50	4013288
		029133








## 899/4/1 Universal Bit Holder





**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve, retaining ring, and strong permanent magnet

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

						
		1/4"	50	2"	1/4"	10,5
05053457001	899/4/1 K	1/4"	50	2"	1/4"	10,5
05053455001	899/4/1 75	1/4"	75	3"	1/4"	10,5
05053459001	899/4/1 100	1/4"	100	4"	1/4"	10,5
05053458001	899/4/1 152	1/4"	152	6"	1/4"	10,5

## 899/4/1 SB Universal Bit Holder

		
05347100001	1 x 899/4/1 K 50	4013288
	1/4"x50	095268
05073357001	1 x 899/4/1 75	029720
05134398001	1 x 899/4/1 152	099907








### 899/4/1 S Universal Bit Holder with strong retaining ring



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve, strong retaining ring, and strong permanent magnet

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

					
	1/4"	mm	mm	1/4"	mm
05160976001	1/4"	50	2"	1/4"	10,5
05160924001	1/4"	75	3"	1/4"	10,5
05160977001	1/4"	100	4"	1/4"	10,5
05160979001	1/4"	200	8"	1/4"	10,5
05160981001	1/4"	300	12"	1/4"	10,5






### 899/8/1 Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve, retaining ring, and strong permanent magnet

**Drive:** 7 mm, suitable for power tools with DIN ISO 1173-H 7 receiver

					
	1/4"	mm	mm	mm	mm
05053475001	1/4"	75	3"	7	10,5






### 899/5/1 Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve, retaining ring, and strong permanent magnet

**Drive:** 5/16" hexagon

					
	1/4"	mm	mm	5/16"	mm
05053460001	1/4"	45	1 3/4"	5/16"	10,5






### 899/8/1 K Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve, retaining ring, and strong permanent magnet

**Drive:** 7 mm, suitable for power tools with DIN ISO 1173-H 7 receiver

					
	1/4"	mm	mm	mm	mm
05053480001	1/4"	55	2 3/16"	7	10,5





### 899/14/1 Universal Bit Holder





**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With stainless steel sleeve, retaining ring, and strong permanent magnet

**Drive:** SDS plus

				
	1/4"	mm	mm	mm
05053485001	1/4"	79	3 1/8"	10,5

### 899/14/1 SB Universal Bit Holder

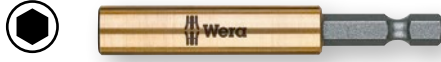
			
	1 x 1/4"x79		4013288
05134397001	1 x 1/4"x79		099891



# Universal Bit Holders with Copper Beryllium Sleeve

## Very high torque model







### 891/4/1 Universal Bit Holder



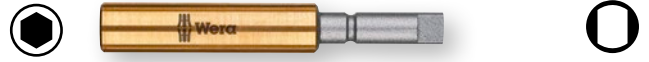
**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With CuBe sleeve, retaining ring, and strong permanent magnet

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

		 mm	 mm		 mm
05053175001		1/4"	75	3"	1/4" 10,5







### 891/8/1 Universal Bit Holder



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With CuBe sleeve, retaining ring, and strong permanent magnet

**Drive:** 7 mm, suitable for power tools with DIN ISO 1173-H 7 receiver

		 mm	 mm	 mm	 mm
05053275001		1/4"	75	3"	7 10,5

# Bit Holder with adjustable depth-control stop

With infinite adjustment feature



## 896/4/1 SB Bit Holder with adjustable depth-control stop



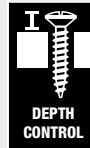
**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** High quality aluminium spacers with infinite adjustment feature

**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

		
05073210001	896/4/1	4013288
	⊙ 1 x 1/4"x50	178725

## Tip



### Bit holder with adjustable depth stop



The screw installation depth can be infinitely adjusted and allows the desired degree of countersinking of the screws.



# Adaptors

## 870/1 Adaptor



**Application:** Nut spinner sockets  
**Drive:** 1/4" external hexagon  
**Output:** 1/4" external square

		mm		
05136000001 <sup>1)</sup>	1/4"	25	1"	1/4"

<sup>1)</sup> With friction ball; for manual nut spinner sockets

## 870/2 Adaptor

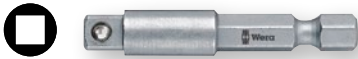


**Application:** Nut spinner sockets  
**Drive:** External hexagon  
**Output:** External square

		mm		
05136001001 <sup>1)</sup>	3/8"	30	1 3/16"	5/16"
05136002001 <sup>1)</sup>	1/2"	35	1 3/8"	5/16"

<sup>1)</sup> With friction ball; for manual nut spinner sockets

## 870/4 Adaptor



**Application:** Manual nut spinner sockets  
**Drive:** 1/4" hexagon  
**Output:** 1/4" external square

		mm		
05311517001 <sup>1)</sup>	1/4"	50	2"	1/4"

<sup>1)</sup> With friction ball; for manual nut spinner sockets

## 870/4 SB

05134399001 <sup>1)</sup>	OO 1 x 1/4"x50	4013288 099914

<sup>1)</sup> With friction ball; for manual nut spinner sockets



### 870/4/7 Set A SB



**Application:** Machine-operated nut spinner sockets  
**Design:** With external square drive  
**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver; 7/16" hexagon, suitable for power tools with DIN ISO 1173-F 11,2 receiver

0507320001		
870/4	1 x 1/4"x50; 1 x 3/8"x50	
870/7	1 x 1/2"x75	

### 870/4 Adaptor



**Application:** Machine-operated nut spinner sockets  
**Design:** With external square drive  
**Drive:** 1/4" hexagon, suitable for power tools with DIN ISO 1173-F 6,3 receiver

	□	┆ mm	┆	⬡
05050205001	1/4"	50	2"	1/4"
05050210001	1/4"	100	4"	1/4"
05050215001	3/8"	50	2"	1/4"
05050220001	3/8"	100	4"	1/4"

### 870/14 Adaptor



**Application:** Machine-operated nut spinner sockets  
**Design:** With external square drive  
**Drive:** SDS plus

	□	┆ mm	┆
05050650001	1/4"	70	2 3/4"

### 870/7 Adaptor



**Application:** Machine-operated nut spinner sockets  
**Design:** With external square drive  
**Drive:** 7/16" hexagon, suitable for power tools with DIN ISO 1173-F 11,2 receiver

	□	┆ mm	┆	⬡
05050510001	1/2"	75	3"	7/16"



# Adaptors




## 784 A 1/4" Adaptor with quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 hexagon insert bits and Wera Series 1

**Design:** With Wera quick-release chuck

**Drive:** 1/4" female square

				
	mm			
05042750001	784 A/1	1/4"	30	1 3/16" 1/4"





## 784 B 3/8" Adaptor with quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and 5/16" DIN ISO 1173-C 8 hexagon insert bits and Wera Series 1 and 2

**Design:** With Wera quick-release chuck

**Drive:** 3/8" female square

				
	mm			
05042755001	784 B/1	1/4"	43	1 5/8" 3/8"
05042765001	784 B/2	5/16"	50	2" 3/8"





## 784 C 1/2" Adaptor with quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and 5/16" DIN ISO 1173-C 8 hexagon insert bits and Wera Series 1 and 2

**Design:** With Wera quick-release chuck

**Drive:** 1/2" female square





				
	mm			
05042760001	784 C/1	1/4"	50	2" 1/2"
05042768001	784 C/2	5/16"	50	2" 1/2"

## 780 A 1/4" Adaptor

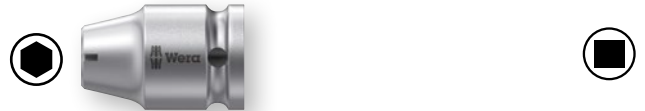


**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and 5/16" DIN ISO 1173-C 8 hexagon insert bits and Wera Series 1 and 2

**Drive:** 1/4" female square





				
	mm			
05042605001	780 A/1	1/4"	25	1" 1/4"

## 780 B 3/8" Adaptor



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and 5/16" DIN ISO 1173-C 8 hexagon insert bits and Wera Series 1 and 2

**Drive:** 3/8" female square

				
	mm			
05042655001	780 B/1	1/4"	30	1 3/16" 3/8"
05344511001 <sup>1)</sup>	780 B/1-S	1/4"	30	1 3/16" 3/8"
05042665001	780 B/2	5/16"	30	1 3/16" 3/8"
05344512001 <sup>1)</sup>	780 B/2-S	5/16"	30	1 3/16" 3/8"





<sup>1)</sup> S = extra strong

## 780 C 1/2" Adaptor



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3, 5/16" DIN ISO 1173-C 8, 7/16" DIN ISO 1173-E 11,2, 5/8" hexagon insert bits and Wera Series 1, 2, 6, 7 and 19

**Drive:** 1/2" female square

				
	mm			
05042705001	780 C/1	1/4"	35	1 3/8" 1/2"
05344513001	780 C/1-S	1/4"	35	1 3/8" 1/2"
05042715001	780 C/2	5/16"	35	1 3/8" 1/2"
05344514001	780 C/2-S	5/16"	35	1 3/8" 1/2"













Wera  
Bit-Check

BITORSION DIAMOND  
BC 12 Diamond 1

Wera

# Bit Sets

	Bit-Checks Impaktor	<b>384</b>
	Bit-Checks Stainless	<b>388</b>
	Bit-Checks / Bit-Safes BiTorsion	<b>390</b>
	Bit-Checks Diamond	<b>394</b>
	Bit-Checks / Bit-Safes Universal	<b>398</b>
	Bit-Checks Wood	<b>408</b>
	Bit-Checks Metal	<b>410</b>
	Bit Sets For Special Applications	<b>411</b>



# Bit Ranges

We have had bit ranges in our programme for many years now. In 2016, we put a question mark against everything and came up with a game changer.

We wanted bit ranges with bits whose profiles and sizes could be more easily recognised. We wanted bit ranges that were as compact as possible and which were Wera-like at a first glance. We wanted bit ranges with bits that could be removed and reinserted more easily. We wanted bit ranges with as little weight as possible. The new multi-component Bit-Checks satisfy these requirements; the soft material in the lower section of the Bit-Checks ensures that the bits are firmly held yet easy to remove.



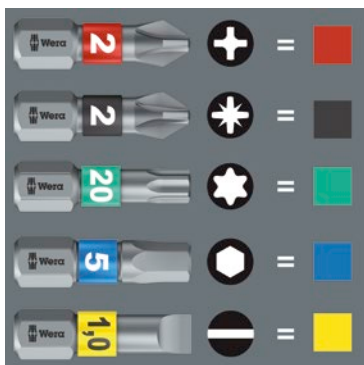
The bit ranges comprise sets of between 6 and 61 pieces. They offer the right tool set for every user.



The Bit-Checks by Wera are extremely compact and are therefore the ideal companion for mobile applications.



The Bit-Checks can be positioned upright at the workplace so the tool is always quickly to hand.



The “Take it easy” Bit-Checks have bits with a sleeve which – from its colour (e.g. red = Phillips) and size designation – make it simple to access the right bit quickly.



The new Bit-Safes provide users with comprehensive bit and holder ranges in a surface-protecting, compact textile box.



# Bit-Checks Impaktor

## For an above-average service life

### Bit-Check 30 Impaktor 1



1 Impaktor holder with retaining ring and ring magnet in the chuck for a secure fit of the bits in the holder, 29 Impaktor bits.

05057690001	
●○	897/4 1 x 1/4"x75 Impaktor R
+	851/1 IMP DC 2 x PH 1x25; 3 x PH 2x25; 2 x PH 3x25
+	855/1 IMP DC 2 x PZ 1x25; 3 x PZ 2x25; 2 x PZ 3x25
⊕	867/1 IMP DC 1 x TX 10x25; 1 x TX 15x25; 2 x TX 20x25; 3 x TX 25x25; 2 x TX 30x25; 2 x TX 40x25
○	840/1 IMP DC 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

### Bit-Check 10 Impaktor 1



1 Impaktor holder with retaining ring and ring magnet in the chuck for a secure fit of the bits in the holder, 9 Impaktor bits.

05057680001	
●○	897/4 1 x 1/4"x75 Impaktor R
+	851/1 IMP DC 1 x PH 2x25; 1 x PH 3x25
+	855/1 IMP DC 1 x PZ 2x25; 1 x PZ 3x25
⊕	867/1 IMP DC 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
○	840/1 IMP DC 1 x 4,0x25; 1 x 5,0x25

### Bit-Check 10 Impaktor 2



1 Impaktor holder with retaining ring and ring magnet in the chuck for a secure fit of the bits in the holder, 9 Impaktor bits.

05057682001	
●○	897/4 1 x 1/4"x75 Impaktor R
+	851/1 IMP DC 3 x PH 2x25; 1 x PH 3x25
⊕	867/1 IMP DC 3 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

### Bit-Check 10 Impaktor 1 SB

05073980001	4013288 158574
●○	897/4 Impaktor R 1 x 1/4"x75
+	851/1 IMP DC 1 x PH 2x25; 1 x PH 3x25
+	855/1 IMP DC 1 x PZ 2x25; 1 x PZ 3x25
⊕	867/1 IMP DC 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
○	840/1 IMP DC 1 x 4.0x25; 1 x 5.0x25



### Bit-Check 10 Impaktor 3



1 Impaktor holder with retaining ring and ring magnet in the chuck for a secure fit of the bits in the holder, 9 Impaktor bits.

05057683001	
●○	897/4 1 x 1/4"x75 Impaktor R
+	855/1 IMP DC 3 x PZ 2x25; 1 x PZ 3x25
⊕	867/1 IMP DC 3 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

### Bit-Check 10 Impaktor 4



1 Impaktor holder with retaining ring and magnet in the chuck for a secure fit of the bits in the holder, 9 Impaktor bits.

05057417001	
●○	897/4 1 x 1/4"x75 Impaktor
+	855/1 IMP DC 3 x PZ 2x25; 1 x PZ 3x25
⊕	867/1 IMP DC 2 x TX 20x25; 2 x TX 25x25; 1 x TX 30x25

### Bit-Check 10 PZ Impaktor 1



1 Impaktor holder with retaining ring and ring magnet in the chuck for a secure fit of the bits in the holder, 9 Impaktor bits.

05057684001	
●○	897/4 1 x 1/4"x75 Impaktor R
+	855/1 IMP DC 7 x PZ 2x25; 2 x PZ 3x25

### Bit-Check 10 TX Impaktor 1



1 Impaktor holder with retaining ring and ring magnet in the chuck for a secure fit of the bits in the holder, 9 Impaktor bits.

05057688001	
●○	897/4 1 x 1/4"x75 Impaktor R
⊕	867/1 IMP DC 3 x TX 20x25; 3 x TX 25x25; 2 x TX 30x25; 1 x TX 40x25

## Tip



### Impaktor-Bits



Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.

### The Impaktor stainless steel holder with a retaining ring and magnet



The Impaktor stainless steel holder with a retaining ring and magnet satisfies the extreme, dynamic requirements in that there are consciously no small mechanical component parts fitted as they would be more susceptible to failure. It focuses on the basic bit holding function and the cushioning of the extreme impulse peaks with its two different torsion zones. Mainly used in industrial screw assembly applications e.g. with screwdriving robots.

### The Impaktor holder with ring magnet



The Impaktor holder with ring magnet additionally holds longer and heavier screws absolutely securely. This enables a speedy and dependable positioning of the screw. It is also ideal for above-head work. Should the magnet function not be required in a particular situation e.g. when working with metal, it can be extracted from the screwdriving area and can thereby be "disabled". Mainly used in manual power tool applications.



# Bit-Checks Impaktor

For an above-average service life

## Bit-Check 6 Impaktor 1



6 Impaktor bits.

05057695001	
+	851/4 IMP DC 1 x PH 2x50; 1 x PH 3x50
+	855/4 IMP DC 1 x PZ 2x50; 1 x PZ 3x50
+	867/4 IMP DC 1 x TX 25x50; 1 x TX 30x50

## Bit-Check 6 PH Impaktor 1



6 Impaktor bits.

05057691001	
+	851/4 IMP DC 4 x PH 2x50; 2 x PH 3x50

## Bit-Check 6 Impaktor 1 SB

		4013288
05073890001		158635
+	851/4 IMP DC	
	1 x PH 2x50; 1 x PH 3x50	
+	855/4 IMP DC	
	1 x PZ 2x50; 1 x PZ 3x50	
+	867/4 IMP DC	
	1 x TX 25x50; 1 x TX 30x50	



## Bit-Check 6 PZ Impaktor 1



6 Impaktor bits.

05057692001	
+	855/4 IMP DC 4 x PZ 2x50; 2 x PZ 3x50



” To learn more about this product, scan the QR code. “

## Bit-Check 6 TX Impaktor 1



6 Impaktor bits.

05057693001	
+	867/4 IMP DC 2 x TX 20x50; 2 x TX 25x50; 1 x TX 30x50; 1 x TX 40x50



# Bit-Checks Stainless

Keep rust at bay

## Bit-Check 30 Stainless 1



1 Rapidaptor stainless steel bit holder with quick-release chuck, 29 stainless steel bits.

05071109001	
●○	3888/4/1 K 1 x 1/4"x50
+	3851/1 TS PH 1 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
+	3855/1 TS PZ 2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25
+	3867/1 TS 2 x TX 10x25; 2 x TX 15x25; 3 x TX 20x25; TORX® 3 x TX 25x25; 2 x TX 30x25; 1 x TX 40x25
○	3840/1 TS 1 x 2,5x25; 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 5,5x25

## Bit-Check 10 Stainless 1



1 Rapidaptor stainless steel bit holder with quick-release chuck, 9 stainless steel bits.

05071110001	
●○	3888/4/1 K 1 x 1/4"x50
+	3851/1 TS PH 1 x PH 2x25
+	3855/1 TS PZ 1 x PZ 1x25; 2 x PZ 2x25
+	3867/1 TS 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; TORX® 1 x TX 25x25; 1 x TX 30x25

## Bit-Check 12 Stainless 1



1 Rapidaptor stainless steel bit holder with quick-release chuck, 11 stainless steel bits.

05057425001	
●○	3888/4/1 K 1 x 1/4"x50
+	3851/1 TS PH 1 x PH 1x25; 1 x PH 2x25
+	3855/1 TS PZ 1 x PZ 1x25; 1 x PZ 2x25
+	3867/1 TS 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; TORX® 1 x TX 30x25
○	3840/1 TS 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25

## Bit-Check 10 Stainless 1 SB

05073630001	4013288 112163
●○	3888/4/1 K 1 x 1/4"x50
+	3851/1 TS PH 1 x PH 2x25
+	3855/1 TS PZ 1 x PZ 1x25; 2 x PZ 2x25
○	3867/1 TS TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25



## Bit-Check 6 Stainless 1 SB



6 stainless steel bits.

			4013288
05073634001	3855/4	2 x PZ 2x50	164636
	3867/4 TORX®	1 x TX 20x50; 2 x TX 25x50	
	3840/4 Hex-Plus	1 x 5.5x50	

## Tip



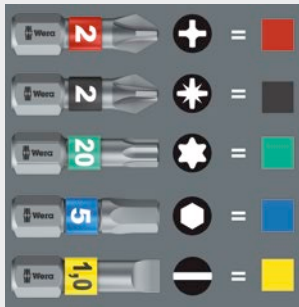
### Stainless Steel Bits



The stainless steel tools from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.



### “Take it easy”



“Take it easy” tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.



### Rapidaptor holder out of stainless steel



Manufactured out of stainless steel thus preventing the formation of unsightly extraneous rust when working with stainless steel. Additionally, it offers all the advantages of the Rapidaptor technology.



# Bit-Checks / Bit-Safes BiTorsion

BiTorsion – Distinct extension of service life

## Bit-Safe 61 BiTorsion 1



1 bit holder Rapidaptor with quick-release chuck, 49 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit, tough (BTZ), for universal use, extra-hard (BTH).

05057441001	
● ○	889/4/1 K 1 x 1/4"x50
⊕	851/1 BDC PH 1 x PH 1x25; 2 x PH 2x25; 1 x PH 3x25
⊕	851/1 BTZ PH 2 x PH 1x25; 8 x PH 2x25; 1 x PH 3x25
⊕	855/1 BDC PZ 1 x PZ 1x25; 2 x PZ 2x25; 1 x PZ 3x25
⊕	855/1 BTH PZ 2 x PZ 1x25; 8 x PZ 2x25; 1 x PZ 3x25
⊕	867/1 TORX® 3 x TX 10x25; 2 x TX 15x25; 4 x TX 20x25; BTZ 4 x TX 25x25; 2 x TX 30x25; 1 x TX 40x25
●	800/1 BDC 1 x 0,8x5,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25
○	840/1 BTZ Hex-Plus 3 x 2,5x25; 3 x 3,0x25; 3 x 4,0x25; 2 x 5,0x25

## Bit-Check 30 BiTorsion 1



1 bit holder Rapidaptor with quick-release chuck, 29 BiTorsion bits for long service life, tough, for universal use.

05057430001	
● ○	889/4/1 K 1 x 1/4"x50
⊕	851/1 BTZ PH 2 x PH 1x25; 5 x PH 2x25; 2 x PH 3x25
⊕	855/1 BTZ PZ 2 x PZ 1x25; 6 x PZ 2x25; 2 x PZ 3x25
⊕	867/1 TORX® 1 x TX 10x25; 2 x TX 15x25; 2 x TX 20x25; BTZ 2 x TX 25x25; 2 x TX 30x25; 1 x TX 40x25

## Bit-Check 12 BiTorsion 1



1 bit holder Rapidaptor with quick-release chuck, 11 BiTorsion bits for long service life, tough, for universal use.

05057420001	
● ○	889/4/1 K 1 x 1/4"x50
⊕	851/1 BTZ PH 1 x PH 1x25; 2 x PH 2x25
⊕	855/1 BTZ PZ 1 x PZ 1x25; 2 x PZ 2x25
⊕	867/1 TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; BTZ 1 x TX 25x25; 1 x TX 30x25

### Bit-Check 10 BiTorsion 1



1 BiTorsion bit holder Rapidaptor with quick-release chuck, 9 BiTorsion bits for long service life, tough, for universal use.

05056374001	
897/4 R	1 x 1/4"x75
851/1 BTZ PH	1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
855/1 BTZ PZ	1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25
800/1 BTZ	1 x 0,8x5,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

### Bit-Check 10 BiTorsion 2



1 BiTorsion bit holder Rapidaptor with quick-release chuck, 9 BiTorsion bits for long service life, tough, for universal use.

05057117001	
897/4 R	1 x 1/4"x75
851/1 BTZ PH	1 x PH 2x25
855/1 BTZ PZ	1 x PZ 1x25; 2 x PZ 2x25
867/1 TORX® BTZ	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25

## Tip



### BiTorsion



The effectiveness of the BiTorsion system comes from a combination of two shock-absorbing spring elements.

Both bits as well as holders have a cushioning torsion zone that diverts the kinetic energy away from the drive tip during peak loads.



### BDC-Bits

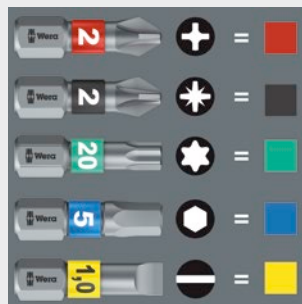


BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.

The diamond coating lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.



### "Take it easy"



"Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.



# Bit-Checks / Bit-Safes BiTorsion

BiTorsion – Distinct extension of service life

## Bit-Check 10 BiTorsion 3 SB



1 BiTorsion bit holder Rapidaptor with quick-release chuck, 9 BiTorsion bits for long service life, tough, for universal use.

			4013288
05073418001	897/4 R	●○ 1 x 1/4"x75	128157
	851/1 BTZ PH	⊕ 1 x PH 2x25	
	855/1 BTZ PZ	⊕ 1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25	
	867/1 TORX® BTZ	⊕ 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25	

## Bit-Check 10 PZ BiTorsion 1



1 BiTorsion bit holder Rapidaptor with quick-release chuck, 9 BiTorsion bits for long service life, tough, for universal use.

05056368001			
	●○ 897/4 R	1 x 1/4"x75	
	⊕ 855/1 BTZ PZ	7 x PZ 2x25; 2 x PZ 3x25	

## Bit-Check 10 PZ BiTorsion 2



1 BiTorsion bit holder Rapidaptor with quick-release chuck, 9 BiTorsion bits for long service life, extra-hard.

05347153001			
	●○ 897/4 R	1 x 1/4"x75	
	⊕ 855/1 BTH PZ	1 x PZ 1x25; 7 x PZ 2x25; 1 x PZ 3x25	

## Bit-Check 7 PZ BiTorsion 1



1 bit holder Rapidaptor with quick-release chuck suitable, 6 BiTorsion bits for long service life, extra-hard.

05340260001	
	889/4/1 K 1 x 1/4"x50
	855/1 BTH PZ 1 x PZ 1x25; 4 x PZ 2x25; 1 x PZ 3x25

## Tip



### BiTorsion



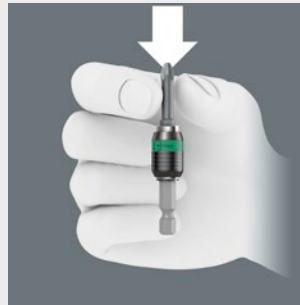
The BiTorsion holder and the Bi-Torsion bit can, of course, be used independently of one another.

## Chuck-all



The Rapidaptor quick-release chucks hold both 1/4" bits as per DIN ISO 1173-C 6,3 (Wera series 1) and E 6,3 (Wera series 4).

## Rapid-in and self-lock



The bit can be pushed into the chuck without moving the sleeve. It automatically locks with a secure and wobble-free fit as soon as the bit is applied to the screw.

## Rapid-out



Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. Particularly helpful: even the smallest bits can be removed without any extra tools.



# Bit-Checks Diamond

Bits with "bite"

## Bit-Check 30 Diamond 1



1 bit holder Rapidaptor with quick-release chuck, 29 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057431001	
889/4/1 K	1 x 1/4"x50
851/1 BDC PH	2 x PH 1x25; 4 x PH 2x25; 1 x PH 3x25
855/1 BDC PZ	2 x PZ 1x25; 4 x PZ 2x25; 1 x PZ 3x25
867/1 TORX®	2 x TX 10x25; 2 x TX 15x25; 3 x TX 20x25; BDC 3 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
800/1 BDC	1 x 0,8x5,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

## Bit-Check 10 Diamond 1



1 BiTorsion bit holder Rapidaptor with quick-release chuck, 9 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057116001	
897/4 R	1 x 1/4"x75
851/1 BDC PH	1 x PH 2x25
855/1 BDC PZ	1 x PZ 1x25; 2 x PZ 2x25
867/1 TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; BDC 1 x TX 25x25; 1 x TX 30x25

## Bit-Check 12 Diamond 1



1 bit holder Rapidaptor with quick-release chuck, 11 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057421001	
889/4/1 K	1 x 1/4"x50
851/1 BDC PH	1 x PH 1x25; 2 x PH 2x25
855/1 BDC PZ	1 x PZ 1x25; 2 x PZ 2x25
867/1 TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; BDC 1 x TX 25x25; 1 x TX 30x25

## Bit-Check 7 Diamond 1



1 bit holder Rapidaptor with quick-release chuck, 6 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057416001	
⊙	889/4/1 K 1 x 1/4"x50
+	851/1 BDC PH 1 x PH 1x25; 1 x PH 2x25
+	855/1 BDC PZ 1 x PZ 1x25; 1 x PZ 2x25
⊖	800/1 BDC 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

## Bit-Check 7 Diamond 1 SB

05073419001	4013288 183682
⊙	889/4/1 K 1 x 1/4"x50
+	851/1 BDC PH 1 x PH 1x25; 1 x PH 2x25
+	855/1 BDC PZ 1 x PZ 1x25; 1 x PZ 2x25
⊖	800/1 BDC 1 x 1,0x5,5x25; 1 x 1,2x6,5x25



## Tip



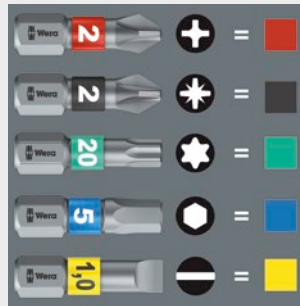
### BDC-Bits



BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits. The diamond coating lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.



### "Take it easy"



"Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool.



### BiTorsion Rapidaptor



tool service life is guaranteed when both elements are used.

BiTorsion bit holders are suitable for all bits in accordance with C 6,3 and E 6,3. The optimally coordinated features of the torsion zones on the BiTorsion bits and BiTorsion holder permit a phased yield when under strain. This two-phase system prevents premature wear. The bits and the holder can be used independently of one another. A long



# Bit-Checks Diamond

Bits with "bite"

## Bit-Check 7 PZ Diamond 1



1 bit holder Rapidaptor with quick-release chuck, 6 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057412001	
● ○	889/4/1 K 1 x 1/4"x50
+	855/1 BDC PZ 2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25

## Bit-Check 7 PH Diamond 1



1 bit holder Rapidaptor with quick-release chuck, 6 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057414001	
● ○	889/4/1 K 1 x 1/4"x50
+	851/1 BDC PH 2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25

## Bit-Check 7 PZ Diamond 1 SB

05073534001	4013288 180940
● ○	889/4/1 K 1 x 1/4"x50
+	855/1 BDC PZ 2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25



## Bit-Check 7 TX Diamond 1



1 bit holder Rapidaptor with quick-release chuck, 6 BiTorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057415001	
● ○	889/4/1 K 1 x 1/4"x50
+	867/1 TORX® BDC 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

### Bit-Check 6 PH Diamond 1



6 Bitorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057404001	
851/4 BDC PH 2 x PH 1x50; 3 x PH 2x50; 1 x PH 3x50	

### Bit-Check 6 PZ Diamond 1



6 Bitorsion bits for long service life, diamond-coated (BDC) for secure screw fit.

05057402001	
855/4 BDC PZ 2 x PZ 1x50; 3 x PZ 2x50; 1 x PZ 3x50	

## Tip

### Chuck-all



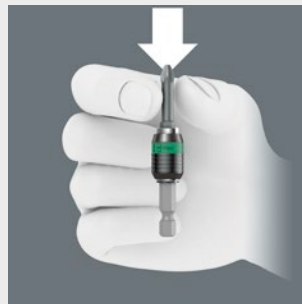
The Rapidaptor quick-release chucks hold both 1/4" bits as per DIN ISO 1173-C 6,3 (Wera series 1) and E 6,3 (Wera series 4).

### Single-hand



All functions of the quick-release chuck such as the inserting or releasing of bits can be done with just one hand. That is faster, more economic and ergonomic. There are no unnecessary manoeuvres.

### Rapid-in and self-lock



The bit can be pushed into the chuck without moving the sleeve. It automatically locks with a secure and wobble-free fit as soon as the bit is applied to the screw.

### Rapid-out



Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. Particularly helpful: even the smallest bits can be removed without any extra tools.

### Rapid-spin



The free-turning sleeve allows screw steadying at the start of the screwdriving process. This makes it easier to apply the tool to the screw and prevents slipping. It can also be used as a short extension for 1/4" applications e.g. in combination with the Wera Zyklop Ratchets.



# Bit-Checks / Bit-Safes Universal

For general use

## Bit-Safe 61 Universal 1



1 bit holder Rapidaptor with strong permanent magnet and quick-release chuck, 60 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05057122001	
899/4/1 K	1 x 1/4"x50
851/1 TZ PH	3 x PH 1x25; 10 x PH 2x25; 2 x PH 3x25
855/1 TZ PZ	3 x PZ 1x25; 10 x PZ 2x25; 2 x PZ 3x25
867/1 TZ TORX®	2 x TX 10x25; 3 x TX 15x25; 3 x TX 20x25; 3 x TX 25x25; 3 x TX 30x25; 2 x TX 40x25
800/1 TZ	1 x 0,6x4,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25
840/1 Z Hex-Plus	3 x 2,5x25; 3 x 3,0x25; 3 x 4,0x25; 2 x 5,0x25

## Bit-Safe 43 Universal 1



1 universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 42 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05057450001	
899/4/1	1 x 899/4/1 Kx1/4"x50
851/1 Z PH	1 x PH 2x25
851/4 TZ PH	1 x PH1x50; 2 x PH2x50
855/1 Z PZ	2 x PZ 1x25; 5 x PZ 2x25; 2 x PZ 3x25
855/4 TZ PZ	1 x PZ 1x50; 2 x PZ 2x50
867/1 TORX®	3 x TX 10x25; 4 x TX 15x25; 4 x TX 20x25; 4 x TX 25x25; 4 x TX 30x25; 1 x TX 40x25
867/4 Z TORX®	1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50; 1 x TX 30x50; 1 x TX 40x50

## Bit-Safe 61 Universal 2



1 universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 60 bits, tough (Z), for universal use.

05057455001	
899/4/1	1 x 899/4/1 Kx1/4"x50
851/1 Z PH	10 x PH 1x25; 20 x PH 2x25; 5 x PH 3x25
855/1 Z PZ	3 x PZ 2x25
867/1 TORX®	3 x TX 10x25; 5 x TX 15x25; 5 x TX 20x25; 5 x TX 25x25; 2 x TX 30x25; 2 x TX 40x25

## Bit-Check 30 Universal 1



1 bit holder Rapidaptor with quick-release chuck, 29 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use, extra-hard (H).

05056440001	
899/4/1 K	1 x 1/4"x50
851/1 TZ PH	2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
855/1 TH PZ	2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25
867/1 TZ TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
867/1 Z TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
800/1 TZ	1 x 1,0x5,5x25
840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25; 1 x 8,0x25

### Bit-Check 30 TX Universal 1



1 universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 29 bits, tough, for universal use.

05057908001	
●○	899/4/1 1 x 899/4/1 Kx1/4"x50
⊕	867/1 TORX® 3 x TX 10x25; 5 x TX 15x25; 8 x TX 20x25; 7 x TX 25x25; 4 x TX 30x25; 2 x TX 40x25

### Bit-Check 10 Universal 1



1 bit holder with strong permanent magnet and quick-release chuck, 9 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056161001	
●○	895/4/1 K 1 x 1/4"x52
⊕	851/1 TZ PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
⊕	855/1 TZ PZ 1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25
⊖	800/1 TZ 1 x 0,8x5,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

### Bit-Check 10 Universal 2



1 bit holder with strong permanent magnet and quick-release chuck, 9 bits, Torsion-style (T) design to reduce premature wear, tough, for universal use, extra-hard (H).

05134200001	
●○	895/4/1 K 1 x 1/4"x52
⊕	855/1 TH PZ 1 x PZ 1x25; 2 x PZ 2x25
⊕	867/1 TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

## Tip



### Torsion bits



Torsion bits absorb the damaging peak torque loads in the torsion zone. This prevents premature wear and enhances the service life of the bits.



### Rapidaptor holder



Rapid bit change without needing any additional tools. One-hand operation with a freely spinning sleeve for simplified guidance of the tool.



### Hex-Plus



Hexagon screws can endure a problem because the contact surfaces delivering the power from the conventional tool, is transferred to the screw via very small surface areas. The consequence: the screw can become damaged (rounding out). Hex-Plus tools have a greater contact surface that prevents this from happening! Good to know: Hex-Plus tools fit into every standard hexagon socket screw!



# Bit-Checks / Bit-Safes Universal

For general use

## Bit-Check 10 Universal 3



1 bit holder Rapidaptor with quick-release chuck, 9 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056375001	
●○	889/4/1 K 1 x 1/4"x50
+	851/1 TZ PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
+	855/1 TZ PZ 1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25
—	800/1 TZ 1 x 0,8x5,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

## Bit-Check 10 Universal 4



1 Universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 9 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056159001	
●○	899/4/1 1 x 899/4/1 Kx1/4"x50
+	851/1 TZ PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25
+	855/1 TZ PZ 1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25
—	800/1 TZ 1 x 0,8x5,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

## Bit-Check 10 Universal 3 SB

05073410001		4013288 099495
●○	889/4/1 K 1 x 1/4"x50	
—	800/1 TZ 1 x 0,8x5,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25	
+	851/1 TZ PH 1 x PH 1x25; 1 x PH 2x25; 1 x PH 3x25	
+	855/1 TZ PZ 1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25	



## Bit-Check 10 Universal 5 SB



1 Universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 9 bits, tough, for universal use.

05073416001		4013288 128164
899/4/1	●○	1 x 899/4/1 Kx1/4"x50
851/1 Z PH	+	1 x PH 2x25
855/1 Z PZ	+	1 x PZ 1x25; 1 x PZ 2x25; 1 x PZ 3x25
867/1 TORX®	⊗	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25

### Bit-Check 10 PZ Universal 1



1 bit holder with strong permanent magnet and quick-release chuck, 9 bits, Torsion-style (T) design to reduce premature wear, extra-hard (H).

05056163001	
● ○	895/4/1 K 1 x 1/4"x52
+	855/1 TH PZ 3 x PZ 1x25; 3 x PZ 2x25; 3 x PZ 3x25

### Bit-Check 10 PZ Universal 2



1 bit holder Rapidaptor with quick-release chuck, 9 bits, Torsion-style (T) design to reduce premature wear, extra-hard (H).

05056376001	
● ○	889/4/1 K 1 x 1/4"x50
+	855/1 TH PZ 3 x PZ 1x25; 3 x PZ 2x25; 3 x PZ 3x25

## Tip

### Chuck-all



The Rapidaptor quick-release chucks hold both 1/4" bits as per DIN ISO 1173-C 6,3 (Wera series 1) and E 6,3 (Wera series 4).

### Single-hand



All functions of the quick-release chuck such as the inserting or releasing of bits can be done with just one hand. That is faster, more economic and ergonomic. There are no unnecessary manoeuvres.

### Rapid-in and self-lock



The bit can be pushed into the chuck without moving the sleeve. It automatically locks with a secure and wobble-free fit as soon as the bit is applied to the screw.

### Rapid-out



Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. Particularly helpful: even the smallest bits can be removed without any extra tools.

### Rapid-spin



The free-turning sleeve allows screw steadying at the start of the screwdriving process. This makes it easier to apply the tool to the screw and prevents slipping. It can also be used as a short extension for 1/4" applications e.g. in combination with the Wera Zyklop Ratchets.



# Bit-Checks / Bit-Safes Universal

For general use

## Bit-Check 10 TX Universal 1



1 bit holder with quick-release chuck, 9 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056164001		
●○	894/4/1 K	1 x 1/4"x51
♻️	867/1 TZ TORX®	1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 27x25; 1 x TX 30x25; 1 x TX 40x25

## Bit-Check 7 Universal 1



1 universal bit holder with stainless steel sleeve and strong permanent magnet, 6 bits, tough (Z), for universal use.

05056295001		
●○	893/4/1 K	1 x 1/4"x50
⊕	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25
⊕	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
●	800/1 Z	1 x 1,0x5,5x25; 1 x 1,2x6,5x25

## Bit-Check 10 TX Universal 2



1 bit holder Rapidaptor with quick-release chuck, 9 bits, tough, for universal use.

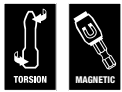
05057115001		
●○	888/4/1 K	1 x 1/4"x50
♻️	867/1 TORX®	1 x TX 6x25; 1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

## Bit-Check 7 Universal 1 SB

		4013288
05073406001		036186
●○	893/4/1 K	1 x 1/4"x50
⊕	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25
⊕	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
●	800/1 Z	1 x 1.0x5.5x25; 1 x 1.2x6.5x25



### Bit-Check 7 Universal 2



1 bit holder with strong permanent magnet and quick-release chuck, 6 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056155001	
●○	895/4/1 K 1 x 1/4"x52
⊕	851/1 TZ PH 1 x PH 1x25; 1 x PH 2x25
⊕	855/1 TZ PZ 1 x PZ 1x25; 1 x PZ 2x25
●	800/1 TZ 1 x 1,0x5,5x25; 1 x 1,2x6,5x25

### Bit-Check 7 PZ Universal 2



1 bit holder with strong permanent magnet and quick-release chuck, 6 bits, Torsion-style (T) design to reduce premature wear, extra-hard (H).

05056157001	
●○	895/4/1 K 1 x 1/4"x52
⊕	855/1 TH PZ 2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25

### Bit-Check 7 Universal 3



1 universal bit holder with stainless steel sleeve and strong permanent magnet, 6 bits, tough (Z), for universal use.

05340322001	
●○	893/4/1 K 1 x 1/4"x50
⊕	851/1 Z PH 1 x PH 1x25; 1 x PH 2x25
●	800/1 Z 1 x 1,0x5,5x25; 1 x 1,2x6,5x25
○	868/1 Z 1 x # 1x25; 1 x # 2x25

### Bit-Check 7 PZ Universal 1



1 universal bit holder with stainless steel sleeve and strong permanent magnet, 6 bits, tough (Z), for universal use.

05056296001	
●○	893/4/1 K 1 x 1/4"x50
⊕	855/1 Z PZ 2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25

### Bit-Check 7 PZ Universal 1 SB

	4013288
05073536001	105998
●○	893/4/1 K 1 x 1/4"x50
⊕	855/1 Z PZ 2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25



# Bit-Checks / Bit-Safes Universal

For general use

## Bit-Check 7 TX Universal 1



1 universal bit holder with stainless steel sleeve and strong permanent magnet, 6 bits, tough, for universal use.

05056294001	
●○	893/4/1 K 1 x 1/4"x50
⊕	867/1 TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

## Bit-Check 7 Hex-Plus 1



1 bit holder with strong permanent magnet and quick-release chuck, 6 bits, tough (Z), for universal use.

05056168001	
●○	895/4/1 K 1 x 1/4"x52
○	840/1 Z 1 x 2,0x25; 1 x 2,5x25; 1 x 3,0x25; 1 x 4,0x25; Hex-Plus 1 x 5,0x25; 1 x 6,0x25

## Bit-Check 7 TX Universal 1 SB

05073404001		4013288 038111
●○	893/4/1 K 1 x 1/4"x50	
⊕	867/1 TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25	



## Bit-Check 7 TiN Universal 1



1 universal bit holder with stainless steel sleeve and strong permanent magnet, 6 bits, TiN coating for the hardness needed e.g. in series screwdriving operations.

05056285001	
●○	893/4/1 K 1 x 1/4"x50
⊕	851/1 TiN PH 1 x PH 1x25; 1 x PH 2x25
⊕	855/1 TiN PZ 1 x PZ 1x25; 1 x PZ 2x25
●	800/1 TiN 1 x 0,8x5,5x25; 1 x 1,2x6,5x25

## Bit-Check 7 TX BO Universal 1



1 bit holder with quick-release chuck, 6 bits, tough (Z), for universal use.

05056158001	
●○	894/4/1 K 1 x 1/4"x51
⊕	867/1 Z TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; BO 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

## Bit-Check 7 TiN Universal 1 SB

05073537001		4013288 106001
●○	893/4/1 K 1 x 1/4"x50	
⊕	851/1 TiN PH 1 x PH 1x25; 1 x PH 2x25	
⊕	855/1 TiN PZ 1 x PZ 1x25; 1 x PZ 2x25	
●	800/1 TiN 1 x 0,8x5,5x25; 1 x 1,2x6,5x25	



### Bit-Check 7 TiN PZ Universal 1 SB



1 universal bit holder with stainless steel sleeve and strong permanent magnet, 6 bits, TiN coating for the hardness needed e.g. in series screwdriving operations.

05073538001	893/4/1 K	1 x 1/4"x50	4013288 106018
	855/1 TiN PZ	2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25	

### Bit-Check 6 Universal 1



6 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056474001			
	851/4 TZ PH	1 x PH 1x50; 1 x PH 2x50	
	855/4 TZ PZ	1 x PZ 1x50; 1 x PZ 2x50	
	800/4 Z	1 x 1,0x5,5x50; 1 x 1,2x6,5x50	

### Bit-Check 6 Universal 1 SB

05073635001		4013288 155276
	851/4 TZ PH	1 x PH 1x50; 1 x PH 2x50
	855/4 TZ PZ	1 x PZ 1x50; 1 x PZ 2x50
	800/4 Z	1 x 1.0x5.5x50; 1 x 1.2x6.5x50



## Tip

### TiN-Bits



TiN stands for titanium-nitrite. An extremely hard coating to withstand permanent loads such as during continual screwdriving operations in series manufacturing.

### Universal holder with quick-release chuck



For a firm, wobble-free connection between holder and bit with quick-release action. Simply push sleeve forward to change bits.

### Universal holder with stainless steel sleeve



The retaining ring and the strong permanent magnet ensure a particularly secure fitting of the bit in the holder.



# Bit-Checks / Bit-Safes Universal

For general use

## Bit-Check 6 Universal 2



6 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056473001	
+	851/4 TZ PH 1 x PH 2x50
+	855/4 TZ PZ 1 x PZ 1x50; 1 x PZ 2x50
+	867/4 Z TORX® 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50

## Bit-Check 6 TX Universal 1



6 bits, tough (Z), for universal use.

05056472001	
+	867/4 Z TORX® 1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50; 1 x TX 30x50; 1 x TX 40x50

## Bit-Check 6 Universal 2 SB



05073638001

4013288  
155245

- +
 851/4 TZ PH 1 x PH 2x50 |
- +
 855/4 TZ PZ 1 x PZ 1x50; 1 x PZ 2x50 |
- +
 867/4 Z TORX® 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50 |



## Bit-Check 6 TX Universal 1 SB



05073637001

4013288  
155252

- +
 867/4 Z TORX® 1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; 1 x TX 25x50; 1 x TX 30x50; 1 x TX 40x50 |



## Bit-Check 6 PZ Universal 1




6 bits, Torsion-style (T) design to reduce premature wear, tough (Z), for universal use.

05056471001	
+	855/4 TZ PZ 2 x PZ 1x50; 3 x PZ 2x50; 1 x PZ 3x50

## Bit-Check 6 TX HF 1



6 bits, holding function for TORX® socket screws made according to Acument Intellectual Properties specifications.

05056476001	
	<b>867/4 TORX®</b> 1 x TX 10x50; 1 x TX 15x50; 1 x TX 20x50; <b>HF</b> 1 x TX 25x50; 1 x TX 30x50; 1 x TX 40x50



## Tip



### The HF profile



In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are the consequence.

The HF tools developed by Wera are ideal because they feature an optimised geometry of the original TORX® profile. The wedging forces resulting from the surface pressure between the drive tip and the screw profile mean that the screw is securely held on the tool!



# Bit-Checks Wood

## For wood applications

### Bit-Safe 61 Wood 1



1 bit holder with strong permanent magnet and quick-release chuck, 60 bits, tough, for universal use.

05057442001	
●○	895/4/1 K 1 x 1/4"x52
+	851/1 Z PH 3 x PH 1x25
+	855/1 Z PZ 10 x PZ 1x25; 20 x PZ 2x25; 5 x PZ 3x25
⊕	867/1 TORX® 3 x TX 10x25; 5 x TX 15x25; 5 x TX 20x25; 5 x TX 25x25; 2 x TX 30x25; 2 x TX 40x25

### Bit-Check 30 Wood 2



1 universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 29 bits, tough, for universal use.

05057432001	
●○	899/4/1 1 x 899/4/1 Kx1/4"x50
+	851/1 Z PH 1 x PH 2x25
+	855/1 Z PZ 2 x PZ 1x25; 5 x PZ 2x25; 2 x PZ 3x25
⊕	867/1 TORX® 3 x TX 10x25; 4 x TX 15x25; 4 x TX 20x25; 4 x TX 25x25; 3 x TX 30x25; 1 x TX 40x25

### Bit-Check 30 Wood 1



1 magnetic Rapidaptor quick-release bit holder with ringmagnet, 29 bits, Torsion-style (T) design to reduce premature wear, tough, for universal use, extra-hard (H).

05057433001	
●○	887/4 RR 1 x 1/4"x57
+	851/1 TZ PH 2 x PH 2x25; 1 x PH 3x25
+	855/1 TH PZ 3 x PZ 1x25; 6 x PZ 2x25; 2 x PZ 3x25
⊕	867/1 TZ TORX® 2 x TX 10x25; 2 x TX 15x25; 4 x TX 20x25; 4 x TX 25x25; 2 x TX 30x25; 1 x TX 40x25

### Bit-Check 12 Wood 1



1 magnetic Rapidaptor quick-release bit holder with ringmagnet, 11 bits, Torsion-style (T) design to reduce premature wear, tough, for universal use, extra-hard (H).

05057423001	
●○	887/4 RR 1 x 1/4"x57
+	855/1 TH PZ 1 x PZ 1x25; 2 x PZ 2x25; 1 x PZ 3x25
+	851/1 TH PH 1 x PH 2x25
⊕	867/1 TORX® 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

## Bit-Check 12 Wood 2



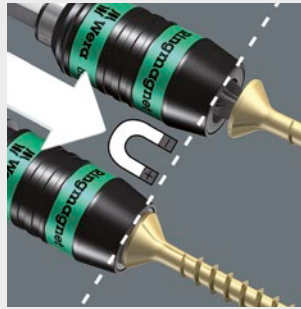
1 universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 11 bits, tough, for universal use.

05057422001		
●○	899/4/1	1 x 899/4/1 Kx1/4"x50
+	851/1 Z PH	1 x PH 2x25
+	855/1 Z PZ	1 x PZ 1x25; 2 x PZ 2x25; 1 x PZ 3x25
+	867/1 TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

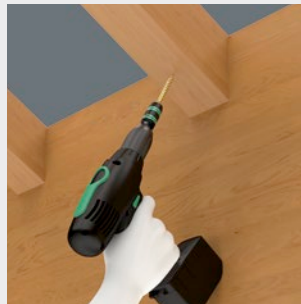
## Tip



### Rapidaptor ring magnet



The floating, free-turning sleeve on the Rapidaptor with powerful ring magnet securely holds even large and heavy screws.



There is no need to hold the screw when applying the tool – something which can be dangerous and painful!

### Universal holder with quick-release chuck



For a firm, wobble-free connection between holder and bit with quick-release action. Simply push sleeve forward to change bits.

### Universal holder with stainless steel sleeve



The retaining ring and the strong permanent magnet ensure a particularly secure fitting of the bit in the holder.



# Bit-Checks Metal

For steel applications

## Bit-Check 30 Metal 1



1 universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 29 bits, tough (Z), for universal use.

05057434001		
● ○	899/4/1	1 x 899/4/1 Kx1/4"x50
+	851/1 Z PH	3 x PH 1x25; 3 x PH 2x25; 2 x PH 3x25
+	855/1 Z PZ	3 x PZ 1x25; 3 x PZ 2x25; 3 x PZ 3x25
+	867/1 TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25
●	800/1 Z	1 x 0,6x4,5x25; 1 x 1,0x5,5x25; 1 x 1,2x6,5x25
○	840/1 Z Hex-Plus	1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

## Bit-Check 12 Metal 1



1 universal bit holder with stainless steel sleeve, retaining ring, and strong permanent magnet, 11 bits, tough (Z), for universal use.

05057424001		
● ○	899/4/1	1 x 899/4/1 Kx1/4"x50
+	851/1 Z PH	1 x PH 1x25; 1 x PH 2x25
+	855/1 Z PZ	1 x PZ 1x25; 1 x PZ 2x25
+	867/1 TORX®	1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
○	840/1 Z Hex-Plus	1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25



# Bit Sets for Special Applications

## Screwdriving, Drilling, Tapping, Countersinking and Deburring

### 843 Stepped drill bits, 4-20 mm



**Construction:** 9 drill steps increasing by 2 mm for material with a max. thickness of 4.5 mm. With edge breaker (sheet metal countersink) at Ø 10 for 1-mm sheet metal

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 holders




	 mm
05104672001	75,0

### 844/7 Tap Bits Set



7 pieces in robust case

1 universal bit holder 888/4/1 K Rapidaptor, nonmagnetic, suitable for power tools and electronic drills; single tap bits with 1/4" drive, suitable for holders with DIN ISO 1173-D 6,3 receiver.





		
05104654001		
	888/4/1 K	1 x 1/4"x50
	844	1 x 3,0x33,0; 1 x 4,0x35,0; 1 x 5,0x36,0; 1 x 6,0x40,0; 1 x 8,0x40,0; 1 x 10,0x40,0

### 844 Single Tap Bits



**Application:** For cutting metric threads

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 holders

				
	mm	mm	mm	
05104666001	3,0	10,00	33,0	M 3
05104667001	4,0	11,00	35,0	M 4
05104668001	5,0	12,50	36,0	M 5
05104669001	6,0	18,00	40,0	M 6
05104670001	8,0	20,00	40,0	M 8
05104671001	10,0	20,00	40,0	M 10





### 845 1-flute Countersink Bits



**Application:** For countersinking and deburring

**Design:** 1-flute

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 holders

				
	mm	mm	mm	
05104660001	6,30	21,00	32,0	M 3
05104661001	8,30	21,00	32,0	M 4
05104662001	10,40	21,00	34,0	M 5
05104663001	12,40	21,00	36,0	M 6
05104664001	16,50	22,00	40,0	M 8
05104665001	20,50	22,00	43,0	M 10



# Bit Sets for Special Applications

## Screwdriving, Drilling, Tapping, Countersinking and Deburring

### 845/8 1-flute Countersink Bits Set



8 pieces in robust case

1 Kraftform 816 R Rapidaptor quick release bit holder; 1 universal holder 888/4/1 K Rapidaptor, nonmagnetic, suitable for power tools and electronic drills.

05104655001	
●	816 R 1 x 1/4"x119
●○	888/4/1 K 1 x 1/4"x50
●	845 1 x 6,30x32,0; 1 x 8,30x32,0; 1 x 10,40x34,0; 1 x 12,40x36,0; 1 x 16,50x40,0; 1 x 20,50x43,0

### 847 HSS Combined Tap Bits



**Application:** Drilling, tapping, deburring

**Design:** HSS

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 holders

	mm	mm	mm	
05104640001	2,5	12,00	36,0	M 3
05104641001	3,3	12,00	39,0	M 4
05104642001	4,2	12,00	41,0	M 5
05104643001	5,0	12,00	44,0	M 6
05104644001	6,8	12,00	51,0	M 8
05104645001	8,5	12,00	59,0	M 10

### 846 3-flute Countersink Bit



**Application:** For deburring, chamfering, countersinking

**Design:** 3-flute 90° DIN 335-C cutter

**Drive:** 1/4" hexagon suitable for holders with DIN ISO 1173-D 6,3 receiver

	mm	mm	mm	
05104630001	6,30	20,00	31,0	M 3
05104631001	8,30	20,00	31,0	M 4
05104632001	10,40	20,00	34,0	M 5
05104633001	12,40	20,00	35,0	M 6
05104634001	16,50	20,00	40,0	M 8
05104635001	20,50	20,00	41,0	M 10

### 846/8 3-flute Countersink Bits Set



8 pieces in robust case

1 Kraftform quick release bitholding screwdriver 816 R

1 universal bit holder 888/4/1 K Rapidaptor suitable for power tools and electronic drills; countersink bits with 1/4" drive suitable for power tools with DIN ISO 1173-D 6,3 receiver.

05104650001	
●	816 R 1 x 1/4"x119
●○	888/4/1 K 1 x 1/4"x50
●	846 HSS 1 x 6,30x31,0; 1 x 8,30x31,0; 1 x 10,40x34,0; 1 x 12,40x35,0; 1 x 16,50x40,0; 1 x 20,50x41,0

## 847/7 Set Combination Drill Bits Set



7 pieces in robust case

1 Universal bit holder Rapidaptor 888/4/1 K with quick-release chuck suitable for power tools and electronic drills; combination drill bits, 1/4" drive, suitable for power tools with DIN ISO 1173-D 6,3 receiver.

05104651001		
	888/4/1 K	1 x 1/4"x50
	847 HSS	1 x 2,5x36,0; 1 x 3,3x39,0; 1 x 4,2x41,0; 1 x 5,0x44,0; 1 x 6,8x51,0; 1 x 8,5x59,0

## 849 HSS Twist Wood Drill Bits



**Application:** For point-precision, splinter-free drilling in soft woods, hard woods, and laminated panel material

**Design:** HSS

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 holders

	mm	mm	mm
05104600001	3,0	32,00	70,0
05104601001	4,0	32,00	74,0
05104602001	5,0	43,00	85,0
05104603001	6,0	45,00	95,0
05104604001	8,0	60,00	110,0
05104605001	10,0	70,00	120,0

## 848 HSS Metal Twist Drill Bits



**Application:** For precise drilling in metal

**Construction:** HSS

**Drive:** 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 holders

	mm	mm	mm
05104610001	3,0	16,00	38,0
05104611001	3,1	18,00	40,0
05104612001	3,3	18,00	40,0
05104613001	4,0	20,00	44,0
05104614001	4,1	20,00	44,0
05104615001	4,2	20,00	45,0
05104616001	5,0	26,00	50,0
05104617001	5,1	26,00	50,0
05104618001	6,0	26,00	50,0
05104619001	6,8	30,00	50,0
05104620001	8,0	32,00	51,0
05104621001	8,5	33,00	53,0
05104622001	10,0	38,00	54,0

## 848/851/867/19 Metal Twist Drill Bits and Bits Set



19 pieces in robust belt pouch

1 Universal bit holder Rapidaptor 888/4/1 K suitable for power tools and electronic drills; metal twist Drill Bits and Bits with 1/4" drive, suitable for power tools with DIN ISO 1173-D 6,3 receiver.

05104652001		
	888/4/1 K	1 x 1/4"x50
	851/1 TZ PH	2 x PH 1x25; 3 x PH 2x25; 1 x PH 3x25
	848 HSS	1 x 3,0x38,0; 1 x 4,0x44,0; 1 x 4,2x45,0; 1 x 5,0x50,0; 1 x 6,0x50,0; 1 x 8,0x51,0
	867/1 TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25





## 849/855/867/18 Wood Twist Drill Bits and Bits Set



18 pieces in robust belt pouch

1 Universal bit holder Rapidaptor 889/4/1 K suitable for power tools and electronic drills; wood Twist Drill Bit and Bits, 1/4" drive, suitable for power tools with DIN ISO 1173-D 6,3 receiver.

05104653001		
● ○	889/4/1 K	1 x 1/4"x50
⊕	849 HSS	1 x 3,0x70,0; 1 x 4,0x74,0; 1 x 5,0x85,0; 1 x 6,0x95,0; 1 x 8,0x110,0
⊕	855/1 TH PZ	2 x PZ 1x25; 3 x PZ 2x25; 1 x PZ 3x25
⊕	867/1 TORX®	1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25; 1 x TX 40x25

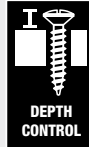
## Bit-Check 10 Drywall 1



1 bit holder 896/4/1 out of Aluminium with adjustable depth stop suitable for power tools and electronic drills; screw depth can be infinitely adjusted and enables flush alignment of sunken screws; 9 drywall construction bits with modified drive shaft; length 25mm

05136011001		
● ○	896/4/1	1 x 1/4"x50
⊕	851/1 RZ PH	9 x PH 2x25

## Tip



### Bit holder with adjustable depth stop



The screw installation depth can be infinitely adjusted and allows the desired degree of countersinking of the screws.





# Torque Tools



Series 7400  
Adjustable torque screwdrivers

**420**



Series 7400  
Pre-set, adjustable torque  
screwdrivers

**428**



Series Torque-indicators

**434**



Series 7100  
Dial torque wrenches

**438**



Series 7000  
Torque wrenches

**440**



Series Insert Tools

**444**



# Torque Tools

Wera's torque tools offer torque-controlled screw tightening so as to avoid damage to the screw or workpiece and to ensure the integrity of the screw connection. This makes work-intensive drilling-out of screws and unproductive downtimes a thing of the past. It is also important whenever repeat accuracy is required.

They come with an ergonomic Kraftform handle and have a distinctly audible and perceptible click signal whenever the required torque value is reached.

No time-consuming blade changes; instead of special blades, conventional bits conforming to C 6,3 and E 6,3 or even ¼" sockets can be used.



## Adjustable torque screwdrivers

They can be adjusted by hand to the corresponding scale value. Also available in ESD version (also with take-up for HIOS/Halfmoon bits) and with Kraftform Micro handle. See page 420.

For the insulated VDE-version see page 98.

## Pre-set, adjustable torque screwdrivers

Pre-set torque, adjustable within a defined range. Also available in ESD version (also for HIOS/Halfmoon bits) and with Kraftform Micro handle.

See page 428.



### Torque-indicators

Suitable for applications requiring a non-adjustable i.e. a tamperproof torque blade assembly.  
See page 434.



### Dial torque wrenches

Suitable for robust applications requiring precision functions.  
See page 438.



### Torque wrenches

Suitable for controlled tightening using sockets.  
See page 440.



# Adjustable Torque Screwdrivers

Wera's adjustable torque screwdrivers allow variable torque settings with maximum precision and ensure that the user gets the very best results in the familiar Wera design with superior ergonomics.



Simple setting of the required torque by hand.



Easy-to-read scale value.

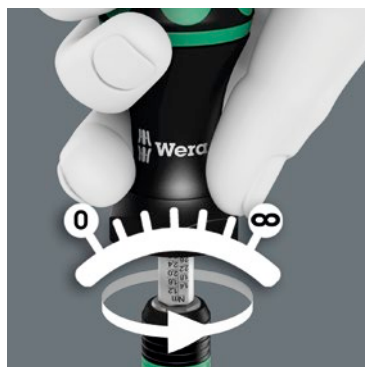


Measurement accuracy is  $\pm 6\%$  in accordance with the standard DIN EN ISO 6789. Distinctly audible and noticeable excess-load signal when the pre-set torque is reached.

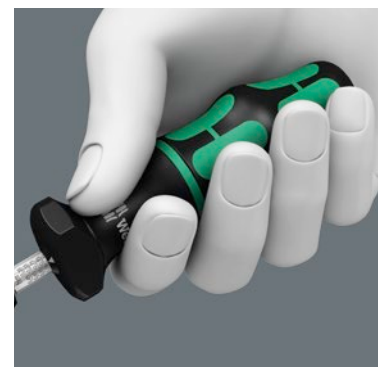
All Wera torque tools manufactured according to DIN EN ISO 6789 are supplied with a calibration certificate. Our workshop offers a comprehensive service for all Wera torque tools. Please contact us with any queries regarding service, recalibration or repair on +49 (0)202 40 45 145; Fax: +49 (0)202 40 45 158 or per E-Mail at: [torqueservice@wera.de](mailto:torqueservice@wera.de).



Rapidaptor technology makes the tool adaptable since bits and sockets can be exchanged rapidly.



Unlimited torque for loosening seized screws.



Multi-component Kraftform handle with hard and soft zones for fast working speeds and protecting the palm of the hand.

For the insulated VDE-version see page 98.



# Series 7400 Kraftform Torque Screwdrivers

## Variable torque adjustment models

### Series 7400 Kraftform adjustable torque screwdrivers (0.1-3.0 Nm) with Rapidaptor quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Accuracy:** ±6 % (DIN EN ISO 6789). Numerical torque value scale, audible excess-load signal

**Handle:** Kraftform with non-roll feature, multi-component

	Art.No.	mm				mm	mm
05074770001 <sup>1)</sup>	7430	89	1/4"	0,10-0,34	0,015	142	5 7/16"
05074772001 <sup>1)</sup>	7431	89	1/4"	0,30-1,00	0,05	142	5 7/16"
05074774001 <sup>1)</sup>	7432	89	1/4"	0,90-1,50	0,05	142	5 7/16"
05074700001	7440	105	1/4"	0,3-1,2	0,05	155	6"
05074701001	7441	105	1/4"	1,2-3,0	0,10	155	6"

<sup>1)</sup> With attachable magnifying glass, dramatically improving visibility.

### Series 7400 Kraftform pistol grip, adjustable torque screwdrivers (3.0-8.8 Nm) with Rapidaptor quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Accuracy:** ±6 % (DIN EN ISO 6789). Numerical torque value scale, audible excess-load signal

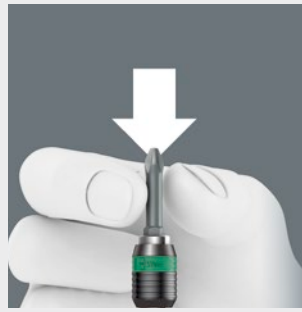
**Handle:** Kraftform pistol grip, multi-component

	Art.No.						
	Art.No.	Nm	Nm	mm	mm	mm	mm
05074702001	7442	1/4"	3,0-6,0	0,25	150	100	4"
05074705001	7443	1/4"	4,0-8,8	0,40	150	100	4"



# Rapidaptor

## Rapid-in and self-lock



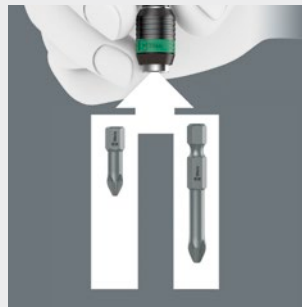
The bit can be pushed into the adaptor without moving the sleeve. The lock is activated automatically as soon as the bit is applied to the screw. Bits are held securely and wobble-free.

## Rapid-out



Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. The rapid-out function makes it easy to remove even the smallest bits without extra tools.

## Chuck-all



The Rapidaptor quick-release chucks hold 1/4" DIN ISO 1173-C 6,3 and E 6,3 as well as Wera series 1 and 4 bits.

## Single-hand function



Every function of the Rapidaptor quick-release chuck, such as inserting or releasing bits, can be carried out with one hand. This is faster, more economical and more ergonomic. There are no unnecessary manoeuvres.

## Attachable magnifying glass



Articles 7430, 7431, 7432, 7430 ESD, 7431 ESD, 7432 ESD, 7435 ESD, 7436 ESD, 1430 ESD and 1431 ESD all come with a magnifying glass. This can be easily attached on to the scale, dramatically improving visibility.

## Series 7400 Kraftform ESD adjustable torque screwdrivers (0.1-3.0 Nm) with Rapidaptor quick-release chuck



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology, non-magnetic

**Accuracy:** ±6 % (DIN EN ISO 6789). Numerical torque value scale, audible excess-load signal

**Handle:** Kraftform with non-roll feature, multi-component

	Art.No.	mm	mm	Nm	Nm	mm	mm
05074780001 <sup>1)</sup>	7430 ESD	89	1/4"	0,10-0,34	0,015	142	5 7/16"
05074782001 <sup>1)</sup>	7431 ESD	89	1/4"	0,30-1,00	0,05	142	5 7/16"
05074784001 <sup>1)</sup>	7432 ESD	89	1/4"	0,90-1,50	0,05	142	5 7/16"
05074730001	7440 ESD	105	1/4"	0,3-1,2	0,05	155	6"
05074731001	7441 ESD	105	1/4"	1,2-3,0	0,10	155	6"

<sup>1)</sup> With attachable magnifying glass, dramatically improving visibility.



# Series 7400 Kraftform Torque Screwdrivers

## Variable torque adjustment models

### Series 7400 Kraftform pistol grip, adjustable torque screwdrivers (25.0-55.0 in. lbs.) with Rapidaptor quick-release chuck



- Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4
- Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology
- Accuracy:** ±6 % (DIN EN ISO 6789). Numerical torque value scale. Audible excess-load signal
- Handle:** Kraftform pistol grip, multi-component

	Art.No.						
		in. lbs.	in. lbs.	mm	mm		
05074712001	7447	1/4"	25,0-55,0	2,5	150	100	4"

### Series 7400 Kraftform adjustable torque screwdrivers (2.5-29.0 in. lbs.) with Rapidaptor quick-release chuck



- Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4
- Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology
- Accuracy:** ±6 % (DIN EN ISO 6789). Numerical torque value scale. Audible excess-load signal
- Handle:** Kraftform with non-roll feature, multi-component

	Art.No.						
		in. lbs.	in. lbs.	mm	mm		
05074710001	7445	1/4"	2,5-11,5	0,5	155	6"	
05074711001	7446	1/4"	11,0-29,0	1,0	155	6"	

### Series 7400 Kraftform ESD adjustable torque screwdrivers (2.5-29.0 in.lbs.) with Rapidaptor quick-release chuck



- Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4
- Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology, non-magnetic
- Accuracy:** ±6 % (DIN EN ISO 6789). Numerical torque value scale. Audible excess-load signal
- Handle:** Kraftform with non-roll feature, multi-component

	Art.No.						
		in. lbs.	in. lbs.	mm	mm		
05074733001	7445 ESD	1/4"	2,5-11,5	0,5	155	6"	
05074734001	7446 ESD	1/4"	11,0-29,0	1,0	155	6"	

## Series 7400 Kraftform ESD adjustable torque screwdrivers (0.1-1.0 Nm)



**Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)

**Design:** With quick-release chuck for rapid bit change

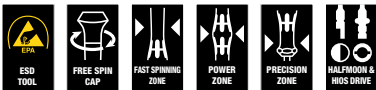
**Accuracy:** ±6 % (DIN EN ISO 6789)

**Handle:** Kraftform with non-roll feature, multi-component

	Art.No.	mm	Nm	Nm	mm	mm
05074786001 <sup>1)</sup>	7435 ESD	89	0,10-0,34	0,015	142	5 7/16"
05074788001 <sup>1)</sup>	7436 ESD	89	0,30-1,00	0,05	142	5 7/16"

<sup>1)</sup> With attachable magnifying glass, dramatically improving visibility.

## 1430 Kraftform Micro ESD adjustable torque screwdrivers (0.02-0.11 Nm) with quick-release chuck



**Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)

**Design:** With quick-release chuck for rapid bit change

**Accuracy:** ± 10%

**Handle:** Kraftform Micro with non-roll feature and rotating cap, multi-component

	Art.No.	Nm	Nm	mm	mm
05074802001 <sup>1)</sup>	1430 ESD	0,02-0,06	0,0025	141	5 7/16"
05074804001 <sup>1)</sup>	1431 ESD	0,05-0,11	0,005	141	5 7/16"

<sup>1)</sup> With attachable magnifying glass, dramatically improving visibility.

## Tip

### Attachable magnifying glass



Articles 7435 ESD, 7436 ESD, 1430 ESD and 1431 ESD, all come with a magnifying glass. This can be easily attached on to the scale, dramatically improving visibility.

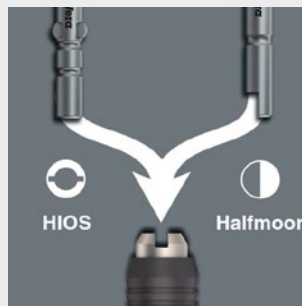
### Why does Wera manufacture adjustable Kraftform torque screwdrivers?



Many screws – particularly in assembly and maintenance applications – have to be tightened with controlled torque to ensure the dependability of the screw connection and/or to avoid damage to the screw or work piece. Wera's adjustable torque screwdrivers are the ideal tool for this. They feature a torque range of 0.3 Nm

to 8.8 Nm, two different handles, measurement accuracy of ± 6 % and Rapidaptor technology for rapid bit change.

### For Halfmoon and HIOS Bits



The adjustable torque screwdrivers 7435 ESD, 7436 ESD, 1430 ESD and 1431 ESD feature a combination bitholder for both bits with Halfmoon and bits with HIOS drive.



# Series 7400 Kraftform Torque Screwdrivers

## Variable torque adjustment models

**7440/41 Kraftform torque screwdriver set 0.3-3.0 Nm**



05074738001		
●	<b>7400</b>	1 x 7440x1/4"x0,3-1,2; 1 x 7441x1/4"x1,2-3,0
⊕	<b>867/1 TZ TORX®</b>	1 x TX 6x25; 1 x TX 7x25; 1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
⊕	<b>867/1 Z IP TORX PLUS®</b>	1 x 6 IPx25; 1 x 7 IPx25; 1 x 8 IPx25; 1 x 9 IPx25; 1 x 10 IPx25; 1 x 15 IPx25; 1 x 20 IPx25; 1 x 25 IPx25; 1 x 30 IPx25
○	<b>840/1 Z Hex-Plus</b>	1 x 2,0x25; 1 x 2,5x25; 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

**7440/41/42 Kraftform torque screwdriver set 0.3-6.0 Nm**



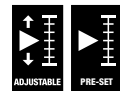
05074739001		
●	<b>7400</b>	1 x 7440x1/4"x0,3-1,2; 1 x 7441x1/4"x1,2-3,0
●	<b>7400 Pistole</b>	1 x 7442x3,0-6,0
⊕	<b>867/1 TZ TORX®</b>	1 x TX 6x25; 1 x TX 7x25; 1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
⊕	<b>867/1 Z IP TORX PLUS®</b>	1 x 6 IPx25; 1 x 7 IPx25; 1 x 8 IPx25; 1 x 9 IPx25; 1 x 10 IPx25; 1 x 15 IPx25; 1 x 20 IPx25; 1 x 25 IPx25; 1 x 30 IPx25
○	<b>840/1 Z Hex-Plus</b>	1 x 2,0x25; 1 x 2,5x25; 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

**7445/46/47 Kraftform torque screwdriver set 2.5-55.0 in.lbs.**



05350451001		
●	<b>7400 inch</b>	1 x 7445x2,5-11,5; 1 x 7446x11,0-29,0
●	<b>7400 Pistole inch</b>	1 x 7447x25,0-55,0
⊕	<b>867/1 TZ TORX®</b>	1 x TX 6x25; 1 x TX 7x25; 1 x TX 8x25; 1 x TX 9x25; 1 x TX 10x25; 1 x TX 15x25; 1 x TX 20x25; 1 x TX 25x25; 1 x TX 30x25
⊕	<b>867/1 Z IP TORX PLUS®</b>	1 x 6 IPx25; 1 x 7 IPx25; 1 x 8 IPx25; 1 x 9 IPx25; 1 x 10 IPx25; 1 x 15 IPx25; 1 x 20 IPx25; 1 x 25 IPx25; 1 x 30 IPx25
○	<b>840/1 Z Hex-Plus</b>	1 x 2,0x25; 1 x 2,5x25; 1 x 3,0x25; 1 x 4,0x25; 1 x 5,0x25; 1 x 6,0x25

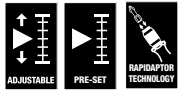
**7443/61/9 Assembly set for tyre pressure control systems**



05074745001		
●	<b>7400 vor</b>	1 x 7461x3,3 <sup>1)</sup>
●	<b>7400 Pistole</b>	1 x 7443x4,0-8,8
⊕	<b>300 TX</b>	1 x TX 10x1,4
⊕	<b>870/1</b>	1 x 1/4"x25
●	<b>790 A/50</b>	1 x 11,0x50,0; 1 x 12,0x50,0
⊕	<b>867/4 TORX® HF</b>	1 x TX 15x50; 1 x TX 20x50
○	<b>327</b>	1 x 32

<sup>1)</sup> Other pre-set values within the adjustable range <3.3 Nm can be delivered on request

## 7443/12 Assembly set for tyre pressure control systems



Suitable for all leading system suppliers such as Alligator, Beru, CUB, Herth & Buss, Schrader, VDO/Conti.

1 adjustable torque screwdriver, pistol handle, 4.0-8.8 Nm; 1 pre-set torque screwdriver 3.3 Nm; 1 pre-set torque screwdriver 1.4 Nm TX 10; 1 pre-set torque screwdriver 1.25 Nm TX 10; 1 valve dolly; 1 bit 867/4 HF TX 15 x 50 mm, with holding function for TORX® screws; 1 bit 867/4 HF TX 20 x 50 mm, with holding function for TORX® screws; 1 socket 790 A/50 SW 11.0 x 50 mm; 1 socket 790 A/50 SW 12.0 x 50 mm; 1 adaptor 870/1; 1/4" hexagon to 1/4" square; 1 valve insertion tool, pre-set torque: 0.25 Nm; 1 valve insertion tool, pre-set torque: 0.45 Nm.

Practically arranged in a robust foam insert.

05074746001	
●	7400 Pistole 1 x 7443x4,0-8,8
●	7400 vor 1 x 7461x3,3 <sup>1)</sup>
⊗	300 TX 1 x TX 10x1,25; 1 x TX 10x1,4
●	790 A/50 1 x 11,0x50,0; 1 x 12,0x50,0
⊗	867/4 TORX® 1 x TX 15x50; 1 x TX 20x50
	HF
⊗	870/1 1 x 1/4"x25
●	300 V 1 x 0,25; 1 x 0,45
○	327 1 x 32

<sup>1)</sup> Other pre-set values within the adjustable range < 3.3 Nm can be delivered on request

## Tip

### Assembly sets for tyre control systems



Suitable for all leading system suppliers like Alligator, Beru, CUB, Herth & Buss, Schrader, VDO/Conti.

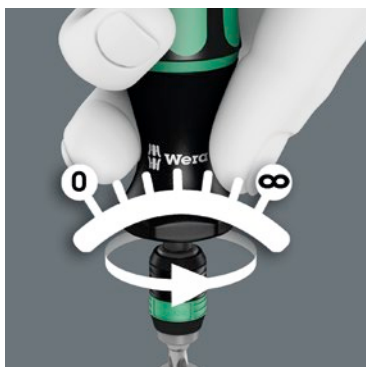


Including adjustable and pre-set torque tools, colour-coded valve insertion tool and valve dolly. The robust foam insert provides for a practical arrangement system.



# Pre-set, adjustable Torque Screwdrivers

These tools are ideal for all applications where a constant, identical torque is required and where a high degree of repeat accuracy is needed. The torque value can be adjusted within the measuring range.



Unlimited torque for loosening seized screws.



Distinctly audible and noticeable excess-load signal when the pre-set torque is reached.



Rapidaptor technology makes the tool adaptable since bits and sockets can be exchanged rapidly.



Multi-component Kraftform handle with hard and soft zones for fast working speeds and protecting the palm of the hand.

All Wera torque tools manufactured according to DIN EN ISO 6789 are supplied with a calibration certificate. Our workshop offers a comprehensive service for all Wera torque tools. Please contact us with any queries regarding service, recalibration or repair on +49 (0)202 40 45 145; Fax: +49 (0)202 40 45 158 or per E-Mail at: [torqueservice@wera.de](mailto:torqueservice@wera.de).



# Series 7400 Kraftform Torque Screwdrivers

## Pre-set, adjustable torque models

**Serie 7400 Kraftform pre-set adjustable torque screwdrivers (0.1-3.0 Nm) with Rapidaptor quick-release chuck**



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Pre-set torque:** 0.1 Nm, 0.3 Nm, 0.9 Nm, 1.2 Nm

**Accuracy:** ± 6% (DIN EN ISO 6789)

**Handle:** Kraftform with non-roll feature, multi-component

	Art.No.	mm	mm	Nm	Nm	mm	mm
05074790001 <sup>1)</sup>	7450	89	1/4"	0,1	0,1-0,34	133	5 1/4"
05074792001 <sup>1)</sup>	7451	89	1/4"	0,3	0,3-1,0	133	5 1/4"
05074794001 <sup>1)</sup>	7452	89	1/4"	0,9	0,9-1,5	133	5 1/4"
05074715001 <sup>1)</sup>	7460	105	1/4"	0,3	0,3-1,2	155	6"
05074716001 <sup>1)</sup>	7461	105	1/4"	1,2	1,2-3,0	155	6"

<sup>1)</sup> Other pre-set values within the adjustable range can be delivered on request

**Series 7400 Kraftform pistol grip, pre-set adjustable torque screwdrivers (3.0-8.8 Nm) with Rapidaptor quick-release chuck**



**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Pre-set torque:** 3.0 Nm, 4.0 Nm

**Accuracy:** ± 6% (DIN EN ISO 6789)

**Handle:** Kraftform pistol grip, multi-component

	Art.No.	mm	Nm	Nm	mm	mm	mm	mm
05074717001 <sup>1)</sup>	7462	1/4"	3,0	3,0-6,0	150	100	6"	4"
05074728001 <sup>1)</sup>	7463	1/4"	4,0	4,0-8,8	150	100	6"	4"

<sup>1)</sup> Other pre-set values within the adjustable range can be delivered on request

**Serie 7400 Kraftform ESD pre-set adjustable torque screwdrivers (0.1-1.2 Nm) with Rapidaptor quick-release chuck**



- Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4
- Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology
- Pre-set torque:** 0.1 Nm, 0.3 Nm, 0.9 Nm, 1.2 Nm
- Accuracy:** ± 6% (DIN EN ISO 6789)
- Handle:** Kraftform with non-roll feature, multi-component

	Art.No.	mm		Nm	Nm	mm	mm
05074820001 <sup>1)</sup>	7450 ESD	89	1/4"	0,1	0,1-0,34	133	5 1/4"
05074822001 <sup>1)</sup>	7451 ESD	89	1/4"	0,3	0,3-1,0	133	5 1/4"
05074824001 <sup>1)</sup>	7452 ESD	89	1/4"	0,9	0,9-1,5	133	5 1/4"
05074840001 <sup>1)</sup>	7460 ESD	105	1/4"	0,3	0,3-1,2	155	6"
05074842001 <sup>1)</sup>	7461 ESD	105	1/4"	1,2	1,2-3,0	155	6"

<sup>1)</sup> Other pre-set values within the adjustable range can be delivered on request

## Tip

### Why does Wera manufacture pre-set, adjustable Kraftform torque screwdrivers?



These torque screwdrivers are supplied with a fixed pre-set torque value. This is ideal for all applications that require constant, identical torque. They feature a pre-set torque range of 0.3 Nm to 4.0 Nm (adjustable between 0.3 Nm – 8.8 Nm), two different handles, measurement accuracy of ± 6 % and Rapidaptor chuck technology for rapid bit change.



# Series 7400 Kraftform Torque Screwdrivers

Pre-set, adjustable torque models

**Series 7400 Kraftform pre-set adjustable torque screwdrivers (2.5-29.0 in. lbs.) with Rapidaptor quick-release chuck**








**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Pre-set torque:** 2.5 in.lbs., 11.0 in.lbs.

**Accuracy:** ±6 % (DIN EN ISO 6789)

**Handle:** Kraftform with non-roll feature, multi-component

	Art.No.					
		in.	lbs.	in.	lbs.	mm
05074720001 <sup>1)</sup>	7465	1/4"	2,5	2,5-11,5	155	6"
05074722001 <sup>1)</sup>	7466	1/4"	11,0	11,0-29,0	155	6"

<sup>1)</sup> Other pre-set values within the adjustable range can be delivered on request

**Series 7400 Kraftform pistol grip, pre-set adjustable torque screwdriver (25.0-55.0 in. lbs.) with Rapidaptor quick-release chuck**










**Application:** Suitable for 1/4" DIN ISO 1173-C 6,3 and E 6,3 hexagon insert bits and Wera Series 1 and 4

**Design:** Rapidaptor rapid-in, rapid-out, rapid-spin, chuck-all and single-hand technology

**Pre-set torque:** 25.0 in. lbs.

**Accuracy:** ±6 % (DIN EN ISO 6789)

**Handle:** Kraftform pistol grip, multi-component

	Art.No.							
		in.	lbs.	in.	lbs.	mm	mm	mm
05074721001 <sup>1)</sup>	7467	1/4"	25,0	25,0-55,0	150	100	6"	4"

<sup>1)</sup> Other pre-set values within the adjustable range can be delivered on request

## Serie 7400 Kraffform pre-set adjustable torque screwdrivers (0.1-1.0 Nm) with quick-release chuck



- Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)
- Design:** With quick-release chuck for rapid bit change
- Pre-set torque:** 0.1 Nm, 0.3 Nm
- Accuracy:** ± 6% (DIN EN ISO 6789)
- Handle:** Kraffform with non-roll feature, multi-component

	Art.No.	mm	Nm	Nm	mm	mm
05074826001 <sup>1)</sup>	7455 ESD	89	0,015	0,1-0,34	138	5 1/4"
05074828001 <sup>1)</sup>	7456 ESD	89	0,035	0,3-1,0	138	5 1/4"

<sup>1)</sup> Other pre-set values within the adjustable range can be delivered on request

## 1460 Kraffform Micro ESD pre-set adjustable torque screwdrivers (0.02-0.11 Nm) with quick-release chuck



- Application:** Suitable for bits with 4 mm Halfmoon drive (and Wera Serie 9) and 4 mm HIOS drive (and Wera Series 21)
- Design:** With quick-release chuck for rapid bit change
- Pre-set torque:** 0.035 Nm, 0.05 Nm
- Accuracy:** ± 10%
- Handle:** Kraffform Micro with non-roll feature and rotating cap, multi-component

	Art.No.	Nm	Nm	mm	mm
05074800001 <sup>1)</sup>	1460 ESD	0,035	0,02-0,06	131	5 1/4"
05074810001 <sup>1)</sup>	1461 ESD	0,050	0,05-0,11	131	5 1/4"

<sup>1)</sup> Other pre-set values within the adjustable range can be delivered on request

## Tip

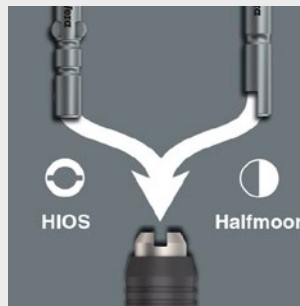


### ESD-safe tools



The requirements for ESD-safe screwdrivers are specified in the European standard DIN EN 61340-5-1. This standard also includes a handle that has to be out of a defined conductive material. The Wera products in the ESD series satisfy these standards and the even more stringent requirements demanded by some technology companies.

### For Halfmoon and HIOS Bits



The adjustable torque screwdrivers 7455 ESD, 7456 ESD, 1460 ESD and 1461 ESD feature a combination bitholder for both bits with Halfmoon and bits with HIOS drive.

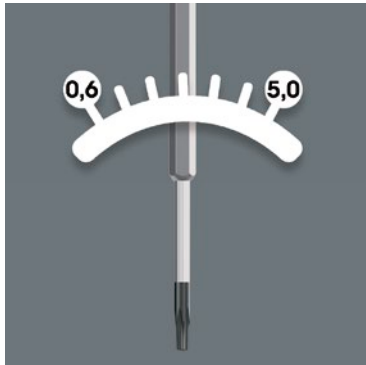


# Torque-indicators

Wera torque-indicators have been factory pre-set to values recommended by leading carbide tool manufacturers. These tightening values relate specifically to the size of the TORX®, TORX PLUS® or hexagon socket screw. Torque indicators ensure safe and easy loosening of screw connections. Precision :  $\pm 10\%$



Torque blade assembly precisely adjusted to the respective screw size for the TORX®, TORX PLUS® and hexagon socket screw profiles.



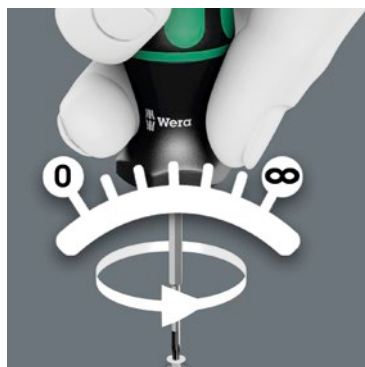
Non-adjustable and tamperproof.



Distinctly audible and noticeable excess-load signal when the pre-set torque is reached.



Slim 4 mm hexagon blades to reach screws in difficult-to-access places.



Unlimited torque for loosening seized screws.



Multi-component Kraftform handle with hard and soft zones for fast working speeds and protecting the palm of the hand.



6009K40  
Z = -55.736  
X = -51.164

TX 10  
20Nm  
021934

TX 10  
20Nm



# Series

## Torque-indicators

### Pre-set torque models

#### 300 Hex torque-indicator



- Application:** Hexagon socket screws
- Pre-set torque:** 1.4 Nm-3.0 Nm (1.0 ft.lb.-2.2 ft.lb.), fixed pre-sets
- Accuracy:** ±10 %
- Blade:** Hexagonal, 4 mm, reduced diameter tip
- Design:** Hex-Plus, Black Point
- Handle:** Kraftform with non-roll feature, multi-component

		Nm		ft. lb.					
						mm	mm	mm	mm
05027910001	2,0	1,4	1,0	4	3,5	65	105	2 9/16"	
05027911001	2,5	2,0	1,5	4	3,8	65	105	2 9/16"	
05027912001	3,0	3,0	2,2	4	3,8	65	105	2 9/16"	

#### 300 IP TORX PLUS® torque-indicator



- Application:** TORX PLUS® socket screws
- Pre-set torque:** 0.6 Nm-3.0 Nm (0.4 ft.lb.-3.0 ft.lb.), fixed pre-sets
- Accuracy:** ±10 %
- Blade:** Hexagonal, 4 mm, reduced diameter tip
- Design:** Black Point
- Handle:** Kraftform with non-roll feature, multi-component

		Nm		ft. lb.							
						mm	mm	mm	mm	mm	mm
05028040001	6 IP	0,6	0,4	4	3,5	65	105	2 9/16"			
05028041001	7 IP	0,9	0,7	4	3,5	65	105	2 9/16"			
05028042001	8 IP	1,2	0,9	4	3,5	65	105	2 9/16"			
05028043001	9 IP	1,4	1,0	4	3,5	65	105	2 9/16"			
05028044001	10 IP	2,0	1,5	4	3,8	65	105	2 9/16"			
05028045001	15 IP	3,0	2,2	4	3,8	65	105	2 9/16"			

#### 300 Hex torque-indicator, pistol grip



- Application:** Hexagon socket screws
- Pre-set torque:** 5.0 Nm (3.7 ft. lb.), fixed pre-set
- Accuracy:** ±10 %
- Blade:** Hexagonal, 8 mm, reduced diameter tip
- Design:** Hex-Plus, Black Point
- Handle:** Kraftform pistol grip, multi-component

		mm	mm	mm	mm	mm	mm
05027913001	4,0	160	100	65	2 9/16"	25	1"

#### 300 TX TORX® torque-indicator










- Application:** TORX® socket screws
- Pre-set torque:** 0.6 Nm-3.0 Nm (0.4 ft.lb.-2.2 ft.lb.), fixed pre-sets
- Accuracy:** ±10 %
- Blade:** Hexagonal, 4 mm, reduced diameter tip
- Design:** Black Point
- Handle:** Kraftform with non-roll feature, multi-component

		Nm		ft. lb.							
						mm	mm	mm	mm	mm	mm
05027930001	TX 6	0,6	0,4	4	3,5	65	105	2 9/16"			
05027931001	TX 7	0,9	0,7	4	3,5	65	105	2 9/16"			
05027932001	TX 8	1,2	0,9	4	3,5	65	105	2 9/16"			
05027933001	TX 9	1,4	1,0	4	3,5	65	105	2 9/16"			
05027934001	TX 10	2,0	1,5	4	3,8	65	105	2 9/16"			
05027935001	TX 15	3,0	2,2	4	3,8	65	105	2 9/16"			

### 300 IP TORX PLUS® torque-indicator, pistol grip










- Application:** TORX PLUS® socket screws
- Pre-set torque:** 5.0 Nm (3.7 ft. lb.), fixed pre-set
- Accuracy:** ±10 %
- Blade:** Hexagonal, 8 mm, reduced diameter tip
- Design:** Black Point
- Handle:** Kraftform pistol grip, multi-component

							
		mm	mm	mm	mm	mm	mm
05028046001	20 IP	160	100	65	2 9/16"	25	1"

### 300 TX TORX® torque-indicator, pistol grip

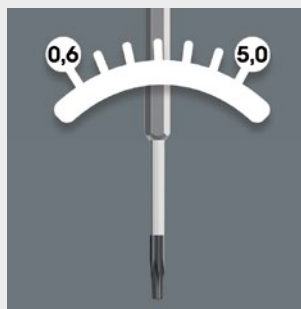


- Application:** TORX® socket screws
- Pre-set torque:** 5.0 Nm (3.7 ft. lb.), fixed pre-set
- Accuracy:** ±10 %
- Blade:** Hexagonal, 8 mm, reduced diameter tip
- Design:** Black Point
- Handle:** Kraftform pistol grip, multi-component

							
		mm	mm	mm	mm	mm	mm
05027936001	TX 20	160	100	65	2 9/16"	25	1"

## Tip

### Less is often more



unlimited loosening torque, two handles, tamper-proof.

Some screw connections require specific torque values so that they can be tightened or loosened easily. Wera torque-indicators are pre-set to torque values recommended by leading carbide tool manufacturers. Pre-set torque between 0.6 Nm and 5.0 Nm, for TORX®, TORX PLUS® and hexagon socket screws,



# Serie 7100

## Dial torque wrenches with drag pointer

Wera dial wrenches combine precision with a robust and application-optimised ergonomic design. Torsion forces are recorded by an integrated mechanism in the wrench.



The torque value reached is shown by an integrated drag indicator on an easy-to-read scale.



Range up to 1300 Nm.



Suitable for right and left-hand direction.

All Wera torque tools manufactured according to DIN EN ISO 6789 are supplied with a calibration certificate. Our workshop offers a comprehensive service for all Wera torque tools. Please contact us with any queries regarding service, recalibration or repair on +49 (0)202 40 45 145; Fax: +49 (0)202 40 45 158 or per E-Mail at: [torqueservice@wera.de](mailto:torqueservice@wera.de).

# Series 7100

## Dial torque wrenches with drag pointer

### 7100 A-B Series dial torque wrenches with drag pointer



7111 A DS



7113 B DS  
7112 B DS

**Design:** Fixed square drive, reading accuracy of  $\pm 3\%$

**Application:** Hexagon sockets (according to ISO 2725 part 1+3), can be used in both right and left-hand direction

	Art.No.	□					□	□	□	□	□	□	□	□	
		Nm	Nm	lbf. in.	lbf. in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	
0507700001	7111A DS	1/4"	0-6	0,10	0-50	1,00	262	91	171	75,5	45	3 19/32"	7"	1 49/64"	2 9/32"
05077001001	7112B DS	3/8"	0-15	0,25	0-130	2,00	262	91	171	75,5	47	3 19/32"	7"	1 27/32"	2 9/32"
05077002001	7113B DS	3/8"	0-70	1,00	0-600	10,00	313	143	171	75,5	47	5 33/64"	7"	1 27/32"	2 9/32"

### 7100 C-F Series dial torque wrenches with drag pointer



7114 C DS  
7115 C DS



7117 F DS

**Design:** Fixed square drive, reading accuracy of  $\pm 3\%$

**Application:** Hexagon sockets (according to ISO 2725 part 1+3), can be used in both right and left-hand direction

	Art.No.	□					□	□	□	□	□	□	□	□	
		Nm	Nm	lbf. ft.	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	
05077003001	7114C DS	1/2"	0-200	2,50	0-145	2,50	528	263	265	58	75,5	10 23/64"	10 7/16"	2 21/64"	2 9/32"
05077004001	7115C DS	1/2"	0-350	5,00	0-250	5,00	528	263	265	58	75,5	10 23/64"	10 7/16"	2 21/64"	2 9/32"
05077005001	7116E DS	3/4"	0-800	10,00	0-580	10,00	550*	270	280	71	82	11 1/32"	10 5/8"	2 51/64"	3 15/64"
05077006001	7117F DS	1"	0-1300	25,00	0-950	25,00	550**	270	280	76	82	11 1/32"	10 5/8"	2 63/64"	3 15/64"

\* incl. extension: 1120 mm  
\*\* incl. extension: 1820 mm



# Series 7000

## Torque Wrenches

Wera Series 7000 – the classic torque wrench: the successful combination of robust design, simple setting of the desired limit value as well as rapid changeover of the ratcheting direction.

When the set value is reached, a distinctly audible and perceptible signal is triggered, following which the wrench is immediately ready for use once again.



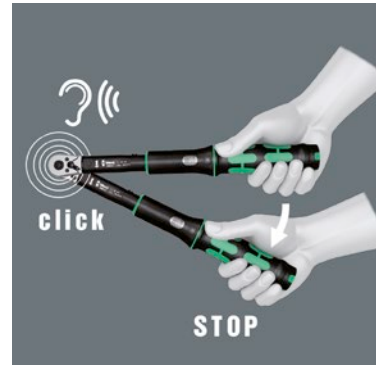
Very robust design with great accuracy as per DIN EN ISO 6789.



Simple adjustment and locking of the pre-set value on an easy-to-read scale.



Release signal when the value is reached.



Suitable for right and left-hand direction.



Reversible ratchet, push through ratchet or fitting for interchangeable insert tools.



Range up to 1500 Nm.

All Wera torque tools manufactured according to DIN EN ISO 6789 are supplied with a calibration certificate. Our workshop offers a comprehensive service for all Wera torque tools. Please contact us with any queries regarding service, recalibration or repair on +49 (0)202 40 45 145; Fax: +49 (0)202 40 45 158 or per E-Mail at: [torqueservice@wera.de](mailto:torqueservice@wera.de).



# Series 7000

## Adjustable torque wrenches.

### 7000 Series torque wrenches with reversible ratchet



7000 A



7000 B



7001 C



7003 C



7006 E

**Design:** Reversible ratchet, reading accuracy of  $\pm 4\%$  of set value, 7000 A:  $\pm 3\%$ , as per ISO 6789 / EN 26789

**Application:** Can be used in right-hand direction; 7005 C and 7006 E: For both right and left direction

	Art.No.																
			Nm	Nm	lbf. ft.	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075393001	7000 A	1/4"	1-25	0,10	1,5-18	≈0,10	291	112	179	26	22,5	35	4 13/32"	7 3/64"	3/4"	1"	
05075394001	7000 B	3/8"	8-60	1	5-45	1,00	310	167	140	31	33	36	6 37/64"	5 33/64"	1 7/32"	1 19/64"	
05075400001	7000 C	1/2"	8-60	1	5-45	1,00	310	167	140	31	38	36	6 37/64"	5 33/64"	1 7/32"	1 29/64"	
05075405001	7001 B	3/8"	20-100	1	15-80	1,00	350	167	180	31	33	36	6 37/64"	7 3/32"	1 7/32"	1 19/64"	
05075401001	7001 C	1/2"	20-100	1	15-80	1,00	350	167	180	31	38	36	6 37/64"	7 3/32"	1 7/32"	1 29/64"	
05075402001	7003 C	1/2"	40-200	2	30-150	2,00	445	167	275	44	43	36	6 37/64"	10 53/64"	1 47/64"	1 47/64"	
05075415001 <sup>1)</sup>	7005 C	1/2"	60-300	5	45-220	5,00	572	167	405	50,5	46	36	6 37/64"	15 15/16"	1 31/32"	1 13/16"	
05075403001 <sup>2)</sup>	7006 E	3/4"	80-400	10	60-295	10,00	684	167	517	50,5	52	36	6 37/64"	20 23/64"	1 31/32"	2 3/64"	

<sup>1)</sup> With push-through square. For both right and left direction

<sup>2)</sup> For both right and left direction

### 7000 Series torque wrenches for insert tools



7000 BVK



7001 VK



7003 VK



7005 VK

**Design:** Interchangeable tools, reading accuracy of  $\pm 4\%$  of set value, as per ISO 6789 / EN 26789

**Application:** Right and left-hand direction

	Art.No.														
			Nm	Nm	lbf. ft.	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075396001	7000 BVK	9x12	8-60	1	5-45	1,00	305	167	136	22,5	36	6 37/64"	5 23/64"	25/32"	1 27/64"
05075407001	7001 VK	9x12	20-100	1	15-80	1,00	345	167	178	22,5	36	6 37/64"	7 1/64"	25/32"	1 27/64"
05075412001	7003 VK	14x18	40-200	2	30-150	2,00	430	167	265	28	36	6 37/64"	10 7/16"	1 7/64"	1 27/64"
05075417001	7005 VK	14x18	60-330	5	45-250	5,00	662	167	495	28	36	6 37/64"	19 31/64"	1 7/64"	1 27/64"

## 7000 Series torque wrenches with push-through square



7007 E



7008 E



7009 F

**Design:** Push-through square, reading accuracy of  $\pm 4\%$  of set value, as per ISO 6789 / EN 26789

**Application:** Right and left-hand direction

	Art.No.		Nm	Nm	lbf. ft.	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075420001	7007 E	$\frac{3}{4}$ "	130-650	5	100-480	5,00	886	380	506	65	56	80	$14 \frac{61}{64}$ "	$19 \frac{59}{64}$ "	$2 \frac{9}{16}$ "	$2 \frac{13}{64}$ "		
05075425001	7008 E	$\frac{3}{4}$ "	300-1000	10	220-750	10,00	1250*	380	870	75	59	80	$14 \frac{61}{64}$ "	$34 \frac{1}{4}$ "	$2 \frac{61}{64}$ "	$2 \frac{21}{64}$ "		
05075430001 <sup>1)</sup>	7009 F	1"	500-1500	10	370-1100	10,00	1580*	280	1200	75	67	80	$14 \frac{61}{64}$ "	$47 \frac{1}{4}$ "	$2 \frac{61}{64}$ "	$2 \frac{41}{64}$ "		

<sup>1)</sup> With ratchet

<sup>2)</sup> incl. extension








# Series Insert Tools

## Suitable for Series 7000 torque wrenches.

### 7772 Ratchet insert, reversible








Fitting 9 x 12 mm

	Art.No.						mm
05078185001	7772 A	1/4"	22	21,0	18,5	45,0	
05078190001	7772 B	3/8"	33	36,0	18,5	50,0	
05078195001	7772 C	1/2"	33	40,0	18,5	50,0	

### 7783 Square drive insert








Fitting 14 x 18 mm

	Art.No.						mm
05078345001	7783C	1/2"	30	38,0	26,0	63,0	

### 7773 Square drive insert








Fitting 9 x 12 mm

	Art.No.						mm
05078200001	7773 A	1/4"	21,0	22,0	18,5	43,5	
05078205001	7773 B	3/8"	21,0	26,0	18,5	43,5	
05078210001	7773 C	1/2"	21,0	30,5	18,5	43,5	

### 7782 Ratchet insert, reversible



Fitting 14 x 18 mm

	Art.No.						mm
05078340001	7782C	1/2"	43,0	42,0	26,0	72,0	





Wera

Wera

# Impact Driver and Soft-faced Hammers



Impact Driver

448



Soft-faced Hammers

450



# Impact drivers

It has to be possible that even the most seized screw can be loosened.

Impact drivers are the solution whenever manual power is insufficient and a pneumatic screwdriver is not to hand. The Wera impact driver has particularly high efficiency thanks to its robust double-curved design. Impact forces are converted into rotary motion and so there is no need for the use of pneumatic appliances.



Seized screws can be loosened or tightened without power tools.





The double-curved design is particularly efficient.



### 2090 Impact driver 90 Nm



**Application:** Screws M 4 - M 8  
**Output:**  $\frac{5}{16}$ " hexagon socket









		
	mm	
05072014001	142,0	5 <sup>19</sup> / <sub>32</sub> "

### 2090/17 Impact driver set



17-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

1x 2090 impact driver 90 Nm,  $\frac{5}{16}$ " hexagon socket; 1 adaptor  $\frac{5}{16}$ " external hexagon/  $\frac{3}{8}$ " external square, 1 adaptor  $\frac{5}{16}$ " external hexagon/  $\frac{1}{2}$ " external square, 14 bits

		
05072017001		
	2090 90 Nm	1 x 142,0
	851/2 Z PH	1 x PH 2x32; 1 x PH 3x32
	851/2 PH	1 x PH 4x32
	800/2	1 x 2,0x12,0x41
	840/2 Z	1 x 5x30; 1 x 6x30; 1 x 8x30; 1 x 10x30
	840/2	1 x 7,0x30
	867/2 Z TORX®	1 x TX 30x35; 1 x TX 40x35; 1 x TX 45x35; 1 x TX 50x35; 1 x TX 55x35
	870/2	1 x 3/8"x5/16"; 1 x 1/2"x5/16"



# Soft-faced hammers

Powerful hammering with surface protection.



They come in soft, medium and hard designs for a wide range of applications from universal use to splinter-free applications on sharp-edged work pieces.



Powerful work is ensured with handles out of high quality ash wood.



## Colour guidance system

- Yellow = Repair/maintenance work with high demands
- Red = Suitable for hammering sharp-edged work pieces; bodyshops, automotive, engineering
- White = Suitable for metal processing and removal of dents; tent, large building and exhibition stand construction



The double-sided conical design creates an unbreakable and secure link between the handle and head of the hammer.



Versatile use thanks to the soft faced heads that can be retrospectively fitted.





Wera






# Series Soft-Faced Hammers

Powerful hammering with surface protection

## 100 Soft-faced hammer with Cellidor head sections






**Application:** Demanding repair/maintenance work  
**Head:** Cellidor, hard  
**Handle:** Ashwood

	#	 mm	 mm	 mm
0500005001	1	22	75	250,0
05000010001	2	27	90	265,0
05000015001	3	32	95	280,0
05000020001	4	35	105	290,0
05000025001	5	40	110	320,0
05000030001	6	50	115	340,0
05000035001	7	60	135	380,0

## 101 Soft-faced hammer with nylon head sections






**Application:** Metal processing, removal of dents as well as tent, large building and exhibition stand construction  
**Head:** Nylon, very hard  
**Handle:** Ashwood

	#	 mm	 mm	 mm
05000305001	1	22	75	250,0
05000310001	2	27	90	265,0
05000315001	3	32	95	280,0
05000320001	4	35	105	290,0
05000325001	5	40	110	320,0
05000330001	6	50	115	340,0
05000335001	7	60	135	380,0

## 102 Soft-faced hammer with urethane head sections




**Application:** Bodyshops, automotive, engineering  
**Head:** Urethane, medium-hard  
**Handle:** Ashwood

	#	 mm	 mm	 mm
05000505001	1	22	75	250,0
05000510001	2	27	90	265,0
05000515001	3	32	95	280,0
05000520001	4	35	105	290,0
05000525001	5	40	110	320,0
05000530001	6	50	115	340,0
05000535001	7	60	135	380,0

## 100 S Replacement ashwood handles for hammers 100, 101, 102




	#	 mm
05000205001	1	250,0
05000210001	2	265,0
05000215001	3	280,0
05000220001	4	290,0
05000225001	5	320,0
05000230001	6	340,0
05000235001	7	380,0

**100 L Replacement head sections out of Cellidor for hammer 100**




**Application:** Demanding repair/maintenance work

	#	
05000105001	1	22,0
05000110001	2	27,0
05000115001	3	32,0
05000120001	4	35,0
05000125001	5	40,0
05000130001	6	50,0
05000135001	7	60,0

**101 L Replacement head sections out of nylon for hammer 101**




**Application:** Metal processing, removal of dents as well as tent, large building and exhibition stand construction

	#	
05000405001	1	22,0
05000410001	2	27,0
05000415001	3	32,0
05000420001	4	35,0
05000425001	5	40,0
05000430001	6	50,0
05000435001	7	60,0

**102 L Replacement head sections out of urethane for hammer 102**



**Application:** Bodyshops, automotive, engineering

	#	
05000605001	1	22,0
05000610001	2	27,0
05000615001	3	32,0
05000620001	4	35,0
05000625001	5	40,0
05000630001	6	50,0
05000635001	7	60,0





Wera

10 11 12 13 14 15 16 17 18 19

# TechLex - Technical data and information

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# Wera ABC

## Bit-Check

We have had bit ranges in our programme for many years now. In 2016, we put a question mark against everything and came up with a game changer. We wanted bit ranges with bits whose profiles and sizes could be more easily recognised. We wanted bit ranges that were as compact as possible and which were Wera-like at a first glance. We wanted bit ranges with bits that could be removed and reinserted more easily. We wanted bit ranges with as little weight as possible. The new multi-component Bit-Checks satisfy these requirements; the soft material in the lower section of the Bit-Checks ensures that the bits are firmly held yet easy to remove.

## BiTorsion

BiTorsion bits have a tempered torsion zone that diverts the kinetic energy of peak loads away from the drive tip. This greatly reduces the risk of breakage and significantly extends the tools' service life. To find these bits in the catalogue look for the letter B after the article number. BiTorsion holders have a torsion zone that diverts the kinetic energy of peak loads away from the drive tip. The combined use of both the BiTorsion bit and holder increases the service life of the tools considerably and thus ensures higher productivity. BiTorsion bits and holders can, however, be used independently of each other and with conventional tools.

## Bits, diamond coated

Please see -> diamond coated bits

## Bits, extra hard

Please see -> extra hard bits

## Bits, titanium nitride coated

Please see -> Titanium nitride coated bits

## Bits, tough absorbing

Please see -> tough absorbing bits

## BlackLaser

BlackLaser hardened blades for excellent surface protection and a long service life. High corrosion protection.

## Black Point Tip

The Wera Black Point tip and a refined hardening process guarantee a long service life and increased corrosion protection.

## Chiseldriver

The chiseldriver is the solution for jobs that require more than just screwdriving. For fastening, chiselling and loosening seized screws or hose clamps. With an integrated impact cap that extends service life and reduces the risk of splintering. With a pound-thru hexagon blade made from high-grade material for zero-loss transfer of high forces when struck with a hammer. The tough viscous tempered material prevents the blade from splintering or breaking. More TORQUE can be transferred by attaching an open-jawed or ring spanner to the integrated hexagon bolster.

## Diamond coated bits

The minute diamond particles on the tip of the bit literally bite into the screw. The secure hold means that less contact pressure is required, which reduces the risk of slipping. To find diamond coated bits in the catalogue look for the letters DC after the article number.

## Extra hard bits

Ideal for soft screwdriving. TORQUE increases continuously without any peaks during fastening until the head of the screw reaches the surface of the material. Extra hard bits are made from a special material that extends the tools' service life and reduces the risk of material breakage. To find these bits in the catalogue look for the letter H after the article number.

## Flexible Lock System

All rigid Zyklop extensions are fitted with a freewheel sleeve which lets you tighten and loosen screws and bolts quickly and effectively. The premium extensions are also fitted with the flexible lock system. With this system activated, drive handles can be attached permanently to the extension, preventing slipping or accidental loss of the tool. When the system is deactivated the sockets can be attached as usual and changed in a flash.

## Hex-Plus Profile

The problem with hexagon socket screws is the easily “rounded” screw recess. This is caused by the sharp edges of the tool pressing against the inside of the screw profile. Gradual wear eventually grinds and destroys the head of the screw. Wera’s Hex-Plus tools provide more contact surface inside the screw profile, which reduces the notching effect and ultimately the deformation of the screw. Hex-Plus tools can also transfer up to 20 % more TORQUE.

## Impact bits

Impact bits are designed for use in powerful impact screwdrivers. Impact bits were specifically developed to withstand high power tool forces.

## Individual Testing

Our VDE screwdrivers are tested for dielectric strength under a 10,000-volt load in a water bath to make sure that their most important property, their insulation, has been adequately tested. Each individual Wera VDE screwdriver is subjected to this test to guarantee safe working up to 1,000 volts.

## Joker wrenches

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!

## Koloss

The ratchet that can also be used officially as a hammer. The Koloss can be used as a reversible, heavy-duty, fine action ratchet that can withstand loads of at least 600 Nm.

## Kraftform Handle

The Kraftform handle has been designed to fit snugly in your hand, making blisters and calluses a thing of the past even after long-term use. The hard materials used for the handle promote fast grip adjustments and prevent the skin from sticking to the handle. The softer, anti-slip zones facilitate zero-loss transfer of high forces. This is an unbeatable combination! Work is done with a flick of the wrist!

## Kraftform Kompakt

Wera’s compact tools are suitable for manual or machine use. The type of operation often becomes clear only after you’ve arrived at the site. The compact handle/interchangeable blade system offers you mobility and flexibility. The sets come with a Kraftform handle, quick-release chuck and bits for manual and machine use. The handle/interchangeable blade system permits rapid tool changes for a wide range of applications. Tools can be stored and carried in a strong plastic box or a robust belt pouch so that they are always at hand. The sets of series 20 have hidden depths: a telescopic blade that retracts into the handle (which can also be removed and attached to a power tool as a bit holder) and an integrated bit magazine. Rapidaptor technology ensures rapid bit changes.

## Kraftform Micro

The three-zone concept of Kraftform Micro screwdrivers reduces fastening times and the cost per screw connection. The hand support on the easy-turning cap and the fast-turning zone below the cap accelerate the screwdriving process. This makes time-consuming grip adjustments, which are required with conventional precision screwdrivers, unnecessary. The power zone has integrated soft zones near the tip of the blade to transfer high tightening or loosening forces without losing contact with the screw. The precision zone directly above the blade provides a better feel for the rotation angle during fine adjustment work. The Wera Black Point tip and a refined hardening process guarantee a long service life and increased corrosion protection.

## Lasertip

Wera Lasertip screwdrivers have been microscopically roughened by a laser. This rough surface literally “bites” into the head of the screw. Accidental slipping becomes a thing of the past.

## Low-temperature Impact Strength

VDE tools are often used under extreme conditions, such as very low temperatures. Safety must be guaranteed even under these conditions. The plastics used for the handle of Wera VDE screwdrivers are guaranteed to meet the more stringent test requirements for low-temperature impact strength at -40 °C.

## Multi-component Screwdriver Handle

The Kraftform handle has been designed to fit snugly in your hand, making blisters and calluses a thing of the past even after long-term use. The hard materials used for the handle promote fast grip adjustments and prevent the skin from sticking to the handle. The softer, anti-slip zones facilitate zero-loss transfer of high forces. This is an unbeatable combination! Work is done with a flick of the wrist!

# Wera ABC

## Rapidaptor

Wera developed the Rapidaptor that allows you to change bits quickly with just one hand and without extra tools.

### Rapid-in and self-lock

The bit can be pushed into the adaptor without moving the sleeve. The lock is activated automatically as soon as the bit is applied to the screw. Bits are held securely and wobble-free.

### Rapid-out

Simply push the sleeve forward to change the bit. The spring mechanism lifts the bit off the magnet and unlocks the tool. The bit can be easily removed. The rapid-out function makes it easy to remove even the smallest bits without extra tools.

### Rapid-spin

The free-spinning outer sleeve stabilises battery or mains-powered tools during the screwdriving process. This makes it easier to apply the tool to the screw and prevents slipping.

### Chuck-all

The Rapidaptor quick-release chucks hold ¼" DIN ISO 1173 C 6,3 and E 6,3 as well as Wera series 1 and 4 bits.

### Single-hand function

Every function of the Rapidaptor quick-release chuck, such as inserting or releasing bits, can be carried out with one hand. This is faster, more economical and more ergonomic. There are no unnecessary manoeuvres.

## Rapidaptor with ring magnet

The floating, free-spinning magnetic sleeve holds even large and heavy screws very securely for fast application, eliminating the need to hold the screw, which can be dangerous and painful. Perfect for overhead work.

## SPKL L-keys

L-keys with a rubber sleeve (SPKL) are made from easy-to-grip round bars. The sleeve ensures comfortable and safe working even at low temperatures. High corrosion protection.

## Stainless Steel Tools

Wera Stainless tools are made from 100 % stainless steel. Their wear debris consists of rustproof stainless steel particles, which prevents unsightly extraneous rust. Wera stainless steel tools are vacuum ice-hardened to give them the necessary hardness and rigidity for industrial applications.

## Take it easy Tool Finder

"Take it easy" tool finder with colour coding according to sizes – for simple and rapid accessing of the required tool.

## Titanium nitride coated bits

Industrial applications are subject to permanent stresses that place high demands on the durability of the tool. Bits for these applications are coated with extremely hard titanium nitride. This abrasion-proof coating provides the necessary hardness that is required on a mass production line.

## TORQ-SET® Mplus

Wera developed the Mplus profile with stronger flanks compared with tools with a conventional TORQ-SET® profile. This results in approximately 70 % extra torsional strength and greatly extends the service life of Wera Mplus tools.

## TORQUE-indicators

Wera TORQUE-indicators have been factory pre-set to TORQUE values recommended by leading carbide tool manufacturers. Tightening values are precisely related to the size of the TORX®, TORX PLUS® or hexagon socket screw. TORQUE-indicators ensure safe and easily loosened screw connections.

## TORQUE Screwdrivers

### Adjustable TORQUE screwdrivers:

TORQUE can be set to the required scale value by hand without special tools.

### Pre-set adjustable TORQUE screwdrivers:

With pre-set TORQUE, adjustable within a defined range.

## Torsion bits

By diverting TORQUE peaks into the Torsion zone of the bit, premature wear and tear is avoided and dramatically improved service life is achieved.

## TORX® B0 with borehole

TORX® tools with a borehole prevent the unauthorised unfastening of safety screws. The screws contain a pin that protrudes into the drive profile so that "normal" TORX® tools cannot be used. This pin fits into the borehole of TORX® B0 tools allowing safety screws to be unfastened.

## TORX® with holding function (HF)

The optimised profile wedges the screw to the tool. This is very important in situations where a magnetic screw holder cannot or must not be used (for instance, jobs involving power tools where metal filings attracted by a magnet could affect the screwdriving process, or jobs requiring wedging forces and stainless steel tools, which are non-magnetic because of the nature of the material). The wedging effect can be guaranteed only for tools made to Acument Global Technologies Inc. specifications.

### **TORX® with pin**

The protruding pin that fits into the borehole of the screw makes it easier to centre the tool in the screw recess.

### **TORX® Wedge**

The conical TORX® profile provides a better fit in the screw. Combined with a great recess depth this produces a pinch effect.

### **TORX PLUS®**

Compared with the "normal", round TORX® profile the elliptical profile of TORX PLUS® tools makes it possible to increase the size of the 6 flanks that transfer TORQUE between the tool and the screw. The force applied by the user is distributed across a larger surface area allowing more TORQUE to be transferred and extending the service life of both the screw and the tool.

### **TORX PLUS® IPR**

A 5-flank TORX PLUS® profile with a borehole. This drive geometry has only five flanks instead of the usual six and a borehole to protect safety screws against unauthorised unfastening. The screws cannot be turned with conventional, widely available tools.

### **Tough absorbing bits (Z)**

Tough absorbing bits for hard materials, e.g. sheet steel or metal. Here the screw initially turns smoothly inside the defined thread. As soon as the head of the screw touches the surface of the material large amounts of peak TORQUE are generated that affects both the screw and the tool. Bits that are too hard are likely to break under these conditions.

### **Two-component clip for L-keys**

The durable clip material ensures that L-keys are securely fixed and easy to remove. Abrasion resistant markings help you find the right size tool straight away.

### **Wrenches, Joker**

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!

### **Zyklop ratchets**

Zyklop Speed – A really fast mover.

Zyklop Hybrid – Combines robustness, slim design, and little weight.

Zyklop Metal – Extremely slim. Long leverage.

Zyklop Mini – rapid fastening even in confined working situations.

### **Zyklop Mini 1**

The strong ¼" Bit Ratchet that can withstand at least 65 Nm. Suitable for bits directly driven and sockets (using adaptor). Fine tooth mechanism with 60 teeth, simple switching between left/right operations. Ideal for very confined spaces, where conventional screwdrivers are just too big. Drop-forged full steel design.

# TORQUE Test Values



## Slotted Tools

Drives: DIN ISO 2380, VSM 35601.  
TORQUE values evaluated in test gages according to DIN ISO 2380 on TORQUE testing equipment.



## Hexagon Tools

Drives: DIN ISO 2936. TORQUE values evaluated in test gages according to DIN ISO 2936 on TORQUE testing equipment.



## PH and PZ Tools

Drives: DIN 5260, ISO 8764 and SMS-SS 1687.  
TORQUE values evaluated in test gages according to DIN 5261, ISO 8764 on TORQUE testing equipment.



## Tools with TORQ-SET® drive

TORQUE values evaluated with testing gages of Phillips Screw Company, licensor of TORQ-SET®, on TORQUE testing equipment.

a x b mm	TORQUE in Nm (min)	
	handuse	poweruse
0,3 x 2,0	0,18	0,20
0,4 x 2,0	0,30	0,35
0,4 x 2,5	0,40	0,45
0,5 x 3,0	0,70	0,80
0,5 x 3,5	0,90	0,98
0,6 x 3,5	1,30	1,40
0,6 x 4,0	1,40	1,61
0,6 x 4,5	-	1,80
0,8 x 4,0	2,60	2,90
0,8 x 4,5	2,88	
0,8 x 5,0	3,20	3,58
0,8 x 5,5	3,50	3,90
1,0 x 5,5	5,50	6,20
1,0 x 6,5	6,50	7,28
1,0 x 7,0	7,0	7,80
1,2 x 6,5	9,40	10,50
1,2 x 7,0	10,0	11,28
1,2 x 8,0	11,5	12,90
1,4 x 9,0	17,6	19,70
1,5 x 13	29	32
1,6 x 8,0	20,5	22,9
1,6 x 9,0	23	25
1,6 x 10	25,6	28,7
2,0 x 12	48,0	53
2,0 x 13	52	58
2,5 x 14	87	98
2,5 x 16	100	112
3,0 x 18	162	181

SW (mm)	TORQUE in Nm (min)
0,7	0,08
0,9	0,18
1,3	0,53
1,5	0,82
2,0	1,9
2,5	3,8
3	6,6
3,5	11
4	16
4,5	24
5	30
6	52
7	78
8	120
9	180
10	220
11	295
12	370
13	480
14	590
17	1000
19	1000
22	1000
24	1000
27	1000

	TORQUE in Nm (min)	
	handuse	poweruse
0	1,0	1,0
1	3,5	3,9
2	8,2	10,3
3	19,5	32,0
4	38,0	88,7

	TORQUE in Nm (min)	
	Bits	Screw- drivers
2	1,1	1,1
3	1,7	1,7
4	2,8	2,8
5	4,0	4,0
6	5,1	5,1
8	8,5	8,5
10	11,3	11,3
1/4"	28	17
5/16"	56	28
3/8"	102	62
7/16"	147	
1/2"	249	
9/16"	271	
5/8"	339	



## Tools with TORX® and TORX PLUS® drive

TORQUE values evaluated with testing gages of Acument Global Technologies Inc., licensor of TORX® and TORX PLUS®.

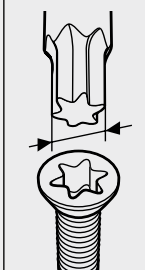
	TORQUE in Nm (min.)					
	TORX®			TORX PLUS®		
	Bit	Resis-Bit	Screw-driver	Bit	Resis-Bit	Screw-driver
1	0,10	-	0,08	0,11		
2	0,14	-	0,12	0,16		
3	0,25	-	0,21	0,28		
4	0,37	-	0,31	0,44		
5	0,51	-	0,43	0,61		
6	0,91	-	0,75	1,11		0,92
7	1,7	1,4	1,4	2,10		1,68
8	2,6	2,2	2,2	3,21	2,5	2,79
9	3,4	2,9	2,8	4,19	3,3	3,49
10	4,5	3,8	3,7	5,42	4,3	4,47
15	7,7	6,5	6,4	9,62	7,3	8,06
20	12,7	10,8	10,5	16,15	11,9	13,41
25	19,0	16,1	15,9	23,50	17,4	19,58
27	26,9	22,9	22,5	34,62	25,1	28,95
30	37,4	31,8	31,1	47,18	33,5	39,34
40	65,1	55,3	54,1	82,08	59,4	68,40
45	104	88	86	137,38	97,3	114,44
50	159	135	132	194,54	152,4	162,14
55	257	218	218	352,10	291,5	299,25
60	445	379	379	566,11	483,0	481,24
70	701	596	600	910,40	713,3	773,91

### Important device:

After TORQUE testing with the minimum value, screwdrivers shall not show any deformation or injuries at the tip.

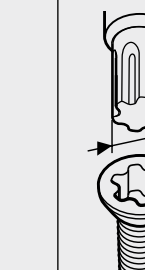
# Dimensions Of Profiles

**TORX® Recess Screws**



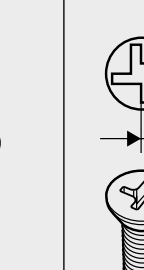
	A Ref. (mm)
TX 1	0,84
TX 2	0,94
TX 3	1,12
TX 4	1,30
TX 5	1,37
TX 6	1,65
TX 7	1,97
TX 8	2,30
TX 9	2,48
TX 10	2,72
TX 15	3,26
TX 20	3,84
TX 25	4,40
TX 27	4,96
TX 30	5,49
TX 40	6,60
TX 45	7,77
TX 50	8,79
TX 55	11,17
TX 60	13,20
TX 70	15,49

**TORX PLUS® Recess Screws**



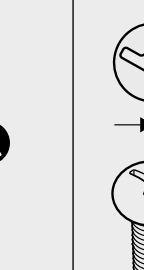
	A Ref. (mm)
1 IP	0,84
2 IP	0,95
3 IP	1,13
4 IP	1,29
5 IP	1,41
6 IP	1,69
7 IP	1,97
8 IP	2,29
9 IP	2,48
10 IP	2,72
15 IP	3,25
20 IP	3,84
25 IP	4,39
27 IP	4,95
30 IP	5,49
40 IP	6,60
45 IP	7,77
50 IP	8,79
55 IP	11,16
60 IP	13,20
70 IP	15,48

**TORQ-SET® Recess Screws**



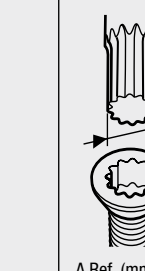
	A Ref. (mm)
0	0,43
1	0,43
2	0,43
3	0,48
4	0,56
5	0,63
6	0,71
8	0,84
10	0,96
1/4"	1,27
5/16"	1,60
3/8"	1,90
7/16"	2,23
1/2"	2,54

**TRI-WING® Recess Screws**



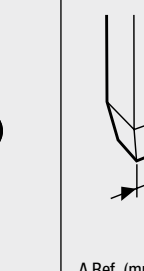
	A Ref. (mm)
0	0,45
1	0,57
2	0,75
3	0,95
4	1,08
5	1,23
6	1,54
7	1,87
8	2,17
9	2,48
10	2,78

**XZN Recess Screws**



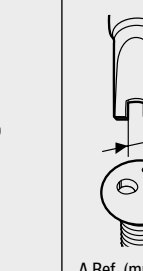
	A Ref. (mm)
M 4	3,83
M 5	4,80
M 6	6,00
M 8	7,20
M 10	9,60
M 12	11,41
M 14	13,22
M 16	15,63
M 18	16,85
M 20	19,25

**Square Recess Screws**



	A Ref. (mm)	A Ref. (mm)
00	1,27	1,4
0	1,78	2
1	2,31	2,5
2	2,85	3,1
3	3,37	3,7
4	4,84	5,1

**Spanner Recess Screws**



	A Ref. (mm)
4	1,52
6	2,41
8	2,79
10	3,30



# Which Drive Is Suitable for which Driving Machine?

## Wera Series 1



1/4" 

**Suitable for bit holders (standard specs):**  
DIN ISO 1173-D 6,3

**Drive:**  
For use with bit holders or for direct machine drive.

**Suitable for:**  
Bosch,  
Fein,  
Holz-Her,  
Lecureux,  
Metabo

## Wera Series 2



5/16" 

**Suitable for bit holders (standard specs):**  
DIN ISO 1173-D 8

**Drive:**  
For use with bit holders or for direct machine drive.

**Suitable for:**  
Bosch,  
Fein,  
Holz-Her,  
Lecureux,  
Metabo

## Wera Series 3



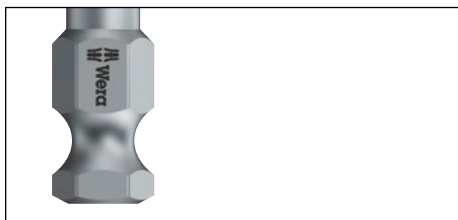
5,5 mm 

**Suitable for bit holders (standard specs):**  
DIN ISO 1173-B 5,5

**Drive:**  
For direct machine drive.

**Suitable for:**  
AEG,  
Bosch,  
Holz-Her,  
Kress,  
Metabo

## Wera Series 7



7/16" 

**Suitable for bit holders (standard specs):**  
DIN ISO 1173-F 11,2

**Drive:**  
For direct machine drive.

**Suitable for:**  
AEG,  
ARO,  
Atlas-Copco,  
Black & Decker,  
Bosch,  
Buckeye-Tools,  
Chicaco-Pneumatic,  
Cincinnati Electric,

Clark,  
Demag Pokorny (FMA),  
Fein,  
Holz-Her,  
Ingersoll-Rand,  
Keller,  
Milwaukee Electric

## Wera Series 8



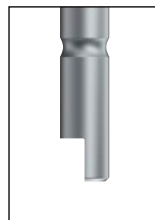
7 mm 

**Suitable for bit holders (standard specs):**  
DIN ISO 1173-H 7

**Drive:**  
For direct machine drive.

**Suitable for:**  
Baier,  
Fein

## Wera Series 9



4 mm 

**Drive:**  
For direct machine drive.

**Suitable for:**  
Delvo,  
Densei,  
etc.

## Wera Series 11



M 4 

**Drive:**  
For direct machine drive.

**Suitable for:**  
Böllhoff/  
Uniquick,  
Weber

## Wera Series 12

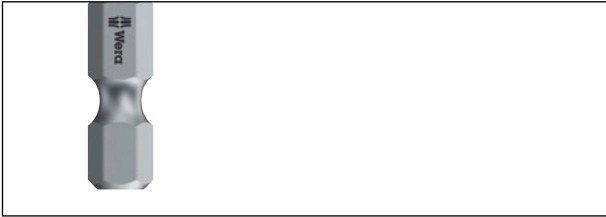


M 5 

**Drive:**  
For direct machine drive.

**Suitable for:**  
Böllhoff/  
Uniquick,  
Holz-Her,  
Weber

**Wera Series 4**



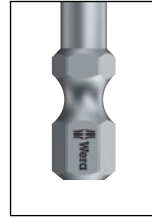
1/4"

**Suitable for bit holders (standard specs):**  
DIN ISO 1173-F 6,3

**Drive:**  
For use with bit holders or for direct machine drive.

**Suitable for:**  
AEG,  
ARO,  
Atlas-Copco,  
Biax,  
Black & Decker,  
Bosch,  
Buckeye-Tools,  
Chicaco  
Pneumatic,  
Cleco,  
Deprag,  
Desoutter,  
Gardner-Denver,  
Hios  
(Ferra-Tools),  
Hitachi,  
Ingersoll-Rand,  
Iwema  
(Fuji Air Tools),  
Keller,  
Makita,  
Mall,  
Metabo,  
NPK-Air Tools,  
Pneutec,  
Rockwell  
Rotor Tool,  
Skil Tool,  
Stanley,  
Thor Power-Tool,  
Tohnichi,  
Uryu  
(UPT-Weiler),  
Van Dorn,  
Virax,  
Wolf

**Wera Series 6**



5/16"

**Standard specs:**  
DIN ISO 1173-F 8

**Drive:**  
For direct machine drive.

**Suitable for:**  
Buckeye Tools,  
Demag  
Pokorny (FMA),  
Desoutter,  
Fiam,  
Grasso,  
Rupes,  
Suhner

**Wera Series 15**



M 6

**Drive:**  
For direct machine drive.

**Suitable for:**  
Böllhoff/  
Uniquick,  
Holz-Her,  
Weber

**Wera Series 16**



10/32" NF2A

**Drive:**  
For direct machine drive.

**Suitable for:**  
USM,  
DVSG,  
Duofast

**Wera Series 19**



5/8"

**Drive:**  
For direct machine drive.

**Wera Series 21**

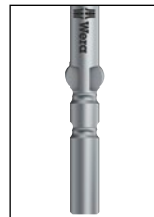


4 mm

**Drive:**  
For direct machine drive.

**Suitable for:**  
BL-5000,  
CL-2000,  
CL-3000,  
CL-4000,  
SS-3000,  
SS-4000,  
L-4500,  
L-5000,  
CD-4000,  
CD-5000,  
VZ-1510  
(incl. PS-Types)

**Wera Series 22**

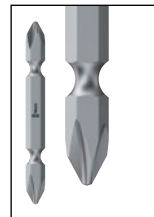


5 mm

**Drive:**  
For direct machine drive.

**Suitable for:**  
CL-6000,  
CL-6500,  
CL-7000,  
SS-6500,  
SS-7000,  
L-6500,  
CD-6000,  
CD-7000,  
VZ-1820 (100 V),  
VZ-3012 (100 V9  
(incl. PS-Types)

**Wera Series 23**



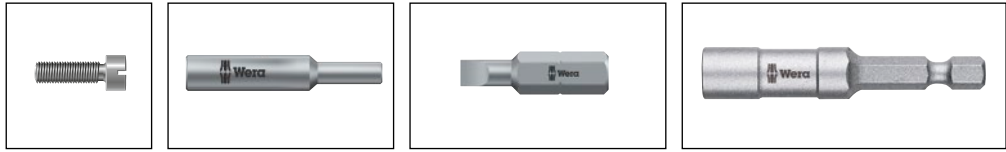
1/4"

**Drive:**  
For direct machine drive.

**Suitable for:**  
Delvo  
Densei  
etc.



# Connector Tools



Slotted Screws    Finder Sleeve 803    Wera Bits 800/1 Z    Universal Bit holder 890/4/1



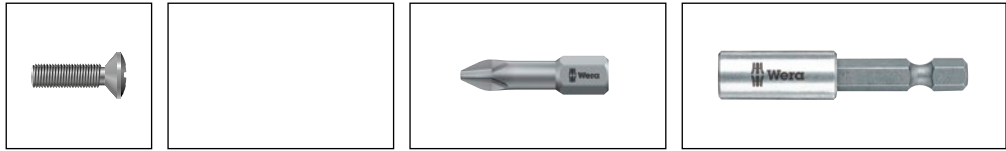
Hexagon Headed Screw             Nut Setters 869/4



TORX®-Recess Screws          Wera Bits 867/1 Z    Universal Bit holder 894/3/1

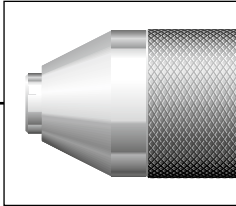


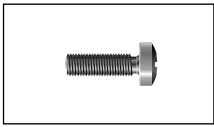
Pozidriv Screws             Wera Bits 855/4 TZ



Phillips-Recess Screws          Wera Bits 851/1 TZ    Universal Bit holder 899/4/1

**Examples for power drivers with direct-drive fittings:**





Phillips Screws



Wera Bits 851/1 TZ



888/4/1 K Rapidaptor Universal Bit Holder



887/4 RR Rapidaptor Universal Bit Holder with ring magnet



897/4 R Rapidaptor BiTorsion Universal Bit Holder

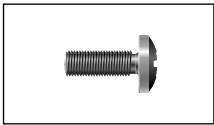
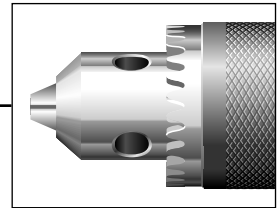


897/4 IMP Impaktor holder with retaining ring and magnet



897/4 IMP R Impaktor holder with retaining ring and ring magnet

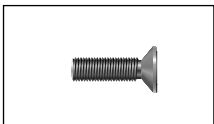
**Examples for electric drills:**



Slotted Screws



Wera Bits 800/4 Z



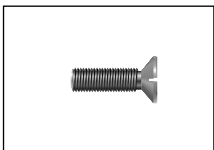
Pozidriv Screws



Wera Bits 855/1 TZ



Universal Bit holder 899/4/1



Slotted Screws

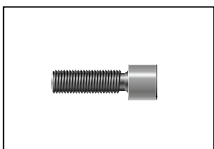
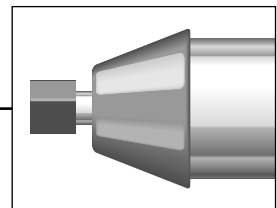


Wera Bits 800/1 Z



Adaptor 780 A/1

**Examples for power drivers with square drive:**



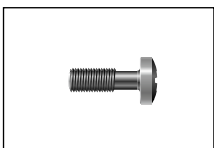
Hexagon Socket Screws



Wera Bits 840/1 Z



Adaptor 784 B/1



Pozidriv Screws








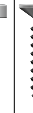










Wera Bits 855/1 TZ



Adaptor 780 A/2



# Tool Selector

Slotted Screws											Wera Item					
Metric screws mm Ø				Self-tapping- screws mm Ø			Wood- screws mm Ø			Grub- screws mm Ø		Size a x b mm	Series	Series	Series	Series
DIN EN ISO 1207	DIN EN ISO 1580	DIN EN ISO 2009	DIN EN ISO 2010	DIN EN ISO 1481	DIN EN ISO 1482	DIN EN ISO 1483	DIN 95	DIN 96	DIN 97	DIN EN 27435	DIN EN ISO 2342		1	2	3	4
																
1,2												0,3 x 1,8				
1,4																
		1,6						1,6	1,6	2,5	2,5	0,4 x 2,0				
										3,0	3,0					
1,6												0,4 x 2,5				
1,8			1,6				1,6	2,0		3,5	3,5					
2,0		2,0	2,0		2,2	2,2	2,0		2,0	4,0	4,0	0,5 x 3,0				
												0,5 x 4,0				
								2,0								
2,5		2,5	2,5	2,2			2,5	2,5	2,5			0,6 x 3,5				
2,5				2,2												
3,0	3,0	3,0	3,0				3,0	3,0	3,0	5,0	5,0	0,8 x 4,0				
		3,5	3,5	2,9	2,9	2,9	3,5	3,5	3,5	6,0	6,0					
3,0	3,0	3,5	3,5	2,9			3,5	3,5				0,8 x 5,5				
3,5	3,5	4,0	4,0	3,5	3,5	3,5	4,0	4,0	4,0			1,0 x 5,5				
				3,9	3,9	3,9	4,5	4,5	4,5							
4,0		5,0	5,0		4,2	4,2	5,0	5,0	5,0			1,2 x 6,5				
					4,8	4,8	5,5	5,5	5,5	8,0	8,0					
5,0	4,0			4,2		4,8	5,5		5,5			1,2 x 8,0				
	5,0	6,0	6,0	4,8	5,5	5,5				10,0	10,0					
				6,3			6,0	6,0	6,0	12,0	12,0	1,6 x 8,0				
6,0				5,5		6,3	7,0		7,0	14,0	14,0					
				6,3					8,0	14,0	14,0	1,6 x 10,0				
							8,0	7,0								
8,0	8,0	8,0	8,0					8,0		16,0	16,0	2,0 x 12,0				
									10,0	18,0	18,0					
10,0	10,0	10,0	10,0									2,5 x 14,0				
	10,0															
												2,5 x 16,0				

This is how you can navigate your way through the tables. or How to navigate your way through the tables.

**The coloured sections in the upper table simply serve as an example.**

**The screw:**

You are using a screw for a wooden application (DIN 95) size 2,5 mm Ø.

**Your driving machine:**

Your driving machine is a e.g. Bosch and has a fitting for a Wera series 4 bit.

**The result:**

The bit you are looking for is a Wera series 4 bit and has the article no. 800/4.

**Phillips and Pozidriv Screws**










Wera Item





















Metric screws mm ø			Self-tapping- screws mm ø			Wood- screws mm ø		Special screws mm ø	Size	Series 1	Series 2	Series 4	Series 11	Series 12	Series 15	Series 16	
DIN EN ISO 7046	DIN EN ISO 7047	DIN EN ISO 7045	DIN EN ISO 7049	DIN EN ISO 7050	DIN 7995	DIN 7996	DIN 7997		PH +	PZ +	851/1 855/1	851/2 855/2	851/4 855/4	851/11 855/11	851/12 855/12	851/15 855/15	851/16 855/16
* not included in standard specs.									<b>00</b>	<b>00</b>							
1,6 2	1,6 2	1,6 1,8	2,2	2,2		2			<b>0</b>	<b>0</b>	• •						
2,5 3	2,5 3	2 2,5 3	2,9	2,9	2,5 3	2,5 3	2,5 3	2,1 - 3,0	<b>1</b>	<b>1</b>	• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • •
3,5 4 5	3,5 4 5	3,5 4 5	3,5 4,2 4,8	3,5 4,2 4,8	3,5 4 4,5 5	3,5 4 4,5 5	3,5 4 4,5 5	3,1 - 5,2	<b>2</b>	<b>2</b>	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •
6	6	6	5,5 6,3	5,5 6,3	5,5 6 7	5,5 6 7	5,5 6 7	5,3 - 7,2	<b>3</b>	<b>3</b>	• • • • • •	• • • • • •	• • • • • •				
8 10	8 10	8 10	8 9,5	8 9,5	8	8	8	7,3 - 12,7	<b>4</b>	<b>4</b>	• • • •	• • • •					



# Tool Selector

TORX® screws (thread size) and hexalobular as per DIN EN ISO 10664																					
Metric screws mm Ø (M)						Self-tapping screws mm Ø				Wera Item											
TORX® screws available on the market	DIN EN ISO 14583	DIN EN ISO 14579 14580	DIN EN ISO 14581	DIN EN ISO 14584	DIN EN ISO 14582	TORX® screws available on the market	DIN EN ISO 14585	DIN EN ISO 14586	DIN EN ISO 14587	Size TORX®	Series 0	Series 1	Series 1	Series 1	Series 2	Series 4	Series 11	Series 12	Series 15	Series 16	
												867/0	867/1	867/1 B0	867/1 W	867/2	867/4	867/11	867/12	867/15	867/16
																					
										TX 1											
										TX 2											
										TX 3											
										TX 4											
										TX 5	•	•				•					
	2	2	2	2		2,2				TX 6	•	•				•					
										TX 7	•	•	•								
										TX 8	•	•	•				•	•			
	2,5	2,5	2,5	2,5		2,9				TX 9	•	•	•				•	•			
										TX 10	•	•	•	•			•	•	•	•	•
										TX 15	•	•	•	•			•	•	•	•	•
										TX 20		•	•	•	•	•			•	•	•
										TX 25		•	•	•	•	•			•	•	•
										TX 27		•	•	•	•	•					
										TX 30		•	•	•	•	•				•	
										TX 40		•	•	•	•	•					
										TX 45		•	•	•	•	•					
										TX 50		•	•	•	•	•					
										TX 55					•						
										TX 60					•						

Hexagon Socket Screws					Size mm	Wera Item				
Metric screws mm Ø						Series 1	Series 2	Series 4	Series 7	Series 8
DIN EN ISO 4762	DIN 7984	DIN EN ISO 10642	DIN EN ISO 4026 DIN EN ISO 4027 DIN EN ISO 4028 DIN EN ISO 4029	DIN 908	840/1	840/2	840/4	840/7	840/8	
										
			1,4/1,6/1,8							
			2,0							
			2,5							
			3,0							
	3,0	3,0	4,0							
	4,0	4,0	5,0							
	5,0	5,0	6,0							
	6,0	6,0	8,0							
	8,0	8,0	10,0	10,0						
		10,0	12,0/14,0	12,0/14,0						
	12,0	12,0	16,0	16,0/18,0						
	14,0	14,0/16,0	18,0/20,0	20,0/22,0						
	16,0/18,0	18,0/20,0	22,0/24,0	24,0/26,0						

Hexagon Headed Screws				Wera Item			
Metric screws mm Ø		Self-tapping-screws mm Ø	Wood-screws mm Ø	Size SW	Nut setters		
DIN EN ISO 4014	DIN EN ISO 4017	DIN EN ISO 1479	DIN 571		869/4	869/4 M	3869/4
							
				2,5			
				3,0			
M 1,6	M 1,6	2,2		3,2			
				3,5			
M 2	M 2			4,0			
				4,5			
M 2,5	M 2,5	2,9		5,0	•		
M 3	M 3	3,5		5,5	•	•	
M 3,5	M 3,5			6,0	•	•	
M 4	M 4	3,9/4,2	4,0	7,0	•	•	•
M 5	M 5	4,8/5,5	5,0	8,0		•	•
				9,0		•	
M 6	M 6	6,3	6,0	10,0		•	•
M 7	M 7			11,0		•	
			7,0	12,0	•	•	
M 8	M 8	8,0	8,0	13,0	•	•	•
				14,0			
				3/16"			
				1/4"	•	•	
				9/32"			
				5/16"	•	•	
				11/32"			
				3/8"	•	•	•
				7/16"	•	•	
				1/2"			
				9/16"			
				5/8"			



# TORQUE Conversion Table

Conversion								
Units	SI Units			Metric scale		USA GB scale		
	cNm	dNm	Nm	cmkg	mkg	ft.lb	in.lb	in.oz
<b>1 cNm =</b>	1	0,1	0,01	0,1020	0,0010	0,0074	0,0885	1,4161
<b>1 dNm =</b>	10	1	0,1	1,0197	0,0102	0,0738	0,8851	14,1612
<b>1 Nm =</b>	100	10	1	10,1972	0,1020	0,7376	8,8508	141,6123
<b>1 cmkg =</b>	9,8067	0,9807	0,0981	1	0,0100	0,0723	0,8680	13,8874
<b>1 mkg =</b>	980,6650	98,0665	9,8067	100	1	7,2330	86,7964	1388,7422
<b>1 ft.lb =</b>	135,5818	13,5581	1,3558	13,8255	0,1383	1	12	192
<b>1 in.lb =</b>	11,2985	1,1298	0,1130	1,1521	0,0115	0,0833	1	16
<b>1 in. oz =</b>	0,7062	0,0706	0,0071	0,0720	0,0007	0,0052	0,0625	1

**Example 1**  
 1 Nm = 0,102 mkg  
 17,4 Nm = 17,4 x 0,102 mkg  
 17,4 Nm = 1,775 mkg

**Example 2**  
 1 mkg = 9,8067 Nm  
 12,5 mkg = 12,5 x 9,8067 Nm  
 12,5 mkg = 122,58 Nm

**Conversion Nm in mkg** **1 Nm = 0,10197 mkg**

Nm	0	1	2	3	4	5	6	7	8	9
0	0,00	0,10	0,20	0,31	0,41	0,51	0,61	0,71	0,82	0,92
10	1,02	1,12	1,22	1,33	1,43	1,53	1,63	1,73	1,84	1,94
20	2,04	2,14	2,24	2,35	2,45	2,55	2,65	2,75	2,86	2,96
30	3,06	3,16	3,26	3,37	3,47	3,57	3,67	3,77	3,87	3,98
40	4,08	4,18	4,28	4,38	4,49	4,59	4,69	4,79	4,89	5,00
50	5,10	5,20	5,30	5,40	5,51	5,61	5,71	5,81	5,91	6,02
60	6,12	6,22	6,32	6,42	6,53	6,63	6,73	6,83	6,93	7,04
70	7,14	7,24	7,34	7,44	7,55	7,65	7,75	7,85	7,95	8,06
80	8,16	8,26	8,36	8,46	8,57	8,67	8,77	8,87	8,97	9,08
90	9,18	9,28	9,38	9,48	9,59	9,69	9,79	9,89	9,99	10,10
100	10,20	10,30	10,40	10,50	10,60	10,71	10,81	10,91	11,01	11,11

**Conversion mkg in Nm** **1 mkg = 9,80665 Nm**

mkg	0	1	2	3	4	5	6	7	8	9
0	0,00	9,81	19,61	29,42	39,23	49,03	58,84	68,65	78,45	88,26
10	98,07	107,87	117,68	127,49	137,29	147,10	156,91	166,71	176,52	186,33
20	196,13	205,94	215,75	225,55	235,36	245,17	254,97	264,78	274,59	284,39
30	294,20	304,01	313,81	323,62	333,43	343,23	353,04	362,85	372,65	382,46
40	392,27	402,07	411,88	421,69	431,49	441,30	451,11	460,91	470,72	480,53
50	490,33	500,14	509,95	519,75	529,56	539,37	549,17	558,98	568,79	578,59
60	588,40	598,21	608,01	617,82	627,63	637,43	647,24	657,05	666,85	676,66
70	686,47	696,27	706,08	715,89	725,69	735,50	745,31	755,11	764,92	774,73
80	784,53	794,34	804,15	813,95	823,76	833,57	843,37	853,18	862,99	872,79
90	882,60	892,41	902,21	912,02	921,83	931,63	941,44	951,25	961,05	970,86
100	980,67	990,47	1000,28	1010,08	1019,89	1029,70	1039,50	1049,31	1059,12	1068,92

**Conversion Nm in ft.lb** **1 Nm = 0,73756 ft.lb**

Nm	0	1	2	3	4	5	6	7	8	9
0	0,00	0,74	1,48	2,21	2,95	3,69	4,43	5,16	5,90	6,64
10	7,38	8,11	8,85	9,59	10,33	11,06	11,80	12,54	13,28	14,01
20	14,75	15,49	16,23	16,96	17,70	18,44	19,18	19,91	20,65	21,39
30	22,13	22,86	23,60	24,34	25,08	25,81	26,55	27,29	28,03	28,76
40	29,50	30,24	30,98	31,72	32,45	33,19	33,93	34,67	35,40	36,14
50	36,88	37,62	38,35	39,09	39,83	40,57	41,30	42,04	42,78	43,52
60	44,25	44,99	45,73	46,47	47,20	47,94	48,68	49,42	50,15	50,89
70	51,63	52,37	53,10	53,84	54,58	55,32	56,05	56,79	57,53	58,27
80	59,00	59,74	60,48	61,22	61,96	62,69	63,43	64,17	64,91	65,64
90	66,38	67,12	67,86	68,59	69,33	70,07	70,81	71,54	72,28	73,02
100	73,76	74,49	75,23	75,97	76,71	77,44	78,18	78,92	79,66	80,39

**Conversion ft.lb in Nm** **1 ft.lb = 1,35581 Nm**

ft.lb	0	1	2	3	4	5	6	7	8	9
0	0,00	1,36	2,71	4,07	5,42	6,78	8,13	9,49	10,85	12,20
10	13,56	14,91	16,27	17,63	18,98	20,34	21,69	23,05	24,40	25,76
20	27,12	28,47	29,83	31,18	32,54	33,90	35,25	36,61	37,96	39,32
30	40,67	42,03	43,39	44,74	46,10	47,45	48,81	50,16	51,52	52,88
40	54,23	55,59	56,94	58,30	59,66	61,01	62,37	63,72	65,08	66,43
50	67,79	69,15	70,50	71,86	73,21	74,57	75,93	77,28	78,64	79,99
60	81,35	82,70	84,06	85,42	86,77	88,13	89,48	90,84	92,20	93,55
70	94,91	96,26	97,62	98,97	100,33	101,69	103,04	104,40	105,75	107,11
80	108,46	109,82	111,18	112,53	113,89	115,24	116,60	117,96	119,31	120,67
90	122,02	123,38	124,73	126,09	127,45	128,80	130,16	131,51	132,87	134,23
100	135,58	136,94	138,29	139,65	141,00	142,36	143,72	145,07	146,43	147,78

**Conversion Nm in in.lb** **1 Nm = 8,85077 in.lb**

Nm	0	1	2	3	4	5	6	7	8	9
0	0,00	8,85	17,70	26,55	35,40	44,25	53,10	61,96	70,81	79,66
10	88,51	97,36	106,21	115,06	123,91	132,76	141,61	150,46	159,31	168,16
20	177,02	185,87	194,72	203,57	212,42	221,27	230,12	238,97	247,82	256,67
30	265,52	274,37	283,22	292,08	300,93	309,78	318,63	327,48	336,33	345,18
40	354,03	362,88	371,73	380,58	389,43	398,28	407,14	415,99	424,84	433,69
50	442,54	451,39	460,24	469,09	477,94	486,79	495,64	504,49	513,34	522,20
60	531,05	539,90	548,75	557,60	566,45	575,30	584,15	593,00	601,85	610,70
70	619,55	628,40	637,26	646,11	654,96	663,81	672,66	681,51	690,36	699,21
80	708,06	716,91	725,76	734,61	743,46	752,32	761,17	770,02	778,87	787,72
90	796,57	805,42	814,27	823,12	831,97	840,82	849,67	858,52	867,38	876,23
100	885,08	893,93	902,78	911,63	920,48	929,33	938,18	947,03	955,88	964,73

**Conversion in.lb in Nm** **1 in.lb = 0,11298 Nm**

in.lb	0	1	2	3	4	5	6	7	8	9
0	0,00	0,11	0,23	0,34	0,45	0,56	0,68	0,79	0,90	1,02
10	1,13	1,24	1,36	1,47	1,58	1,69	1,81	1,92	2,03	2,15
20	2,26	2,37	2,49	2,60	2,71	2,82	2,94	3,05	3,16	3,28
30	3,39	3,50	3,62	3,73	3,84	3,95	4,07	4,18	4,29	4,41
40	4,52	4,63	4,75	4,86	4,97	5,08	5,20	5,31	5,42	5,54
50	5,65	5,76	5,87	5,99	6,10	6,21	6,33	6,44	6,55	6,67
60	6,78	6,89	7,00	7,12	7,23	7,34	7,46	7,57	7,68	7,80
70	7,91	8,02	8,13	8,25	8,36	8,47	8,59	8,70	8,81	8,93
80	9,04	9,15	9,26	9,38	9,49	9,60	9,72	9,83	9,94	10,06
90	10,17	10,28	10,39	10,51	10,62	10,73	10,85	10,96	11,07	11,19
100	11,30	11,41	11,52	11,64	11,75	11,86	11,98	12,09	12,20	12,31

# Conversion Of Inches To Millimeters

Inches		0	1	2	3	4	5	6	7	8	9
			25.400	50.800	76.200	101.600	127.000	152.400	177.800	203.200	228.600
1/64	0.015625	0.397	25.797	51.197	76.597	101.997	127.397	152.797	178.197	203.597	228.997
1/32	0.03125	0.794	26.194	51.594	76.994	102.394	127.794	153.194	178.594	203.994	229.394
3/64	0.046875	1.191	26.591	51.991	77.391	102.791	128.191	153.591	178.991	204.391	229.791
1/16	0.0625	1.588	26.988	52.388	77.788	103.188	128.588	153.988	179.388	204.788	230.188
5/64	0.078125	1.984	27.384	52.784	78.184	103.584	128.984	154.384	179.784	205.184	230.584
3/32	0.09375	2.381	27.781	53.181	78.581	103.981	129.381	154.781	180.181	205.581	230.981
7/64	0.109375	2.778	28.178	53.578	78.978	104.378	129.778	155.178	180.578	205.978	231.378
1/8	0.125	3.175	28.575	53.975	79.375	104.775	130.175	155.575	180.975	206.375	231.775
9/64	0.140625	3.572	28.972	54.372	79.772	105.172	130.572	155.972	181.372	206.772	232.172
5/32	0.15625	3.969	29.369	54.769	80.169	105.569	130.969	156.369	181.769	207.169	232.569
11/64	0.171875	4.366	29.766	55.166	80.566	105.966	131.366	156.766	182.166	207.566	232.966
3/16	0.1875	4.762	30.162	55.562	80.962	106.362	131.762	157.162	182.562	207.962	233.362
13/64	0.203125	5.159	30.559	55.959	81.359	106.759	132.159	157.559	182.959	208.359	233.759
7/32	0.21875	5.556	30.956	56.356	81.756	107.156	132.556	157.956	183.356	208.756	234.156
15/64	0.234375	5.953	31.353	56.753	82.153	107.553	132.953	158.353	183.753	209.153	234.553
1/4	0.25	6.350	31.750	57.150	82.550	107.950	133.350	158.750	184.150	209.550	234.950
17/64	0.265625	6.747	32.147	57.547	82.947	108.347	133.747	159.147	184.547	209.947	235.347
9/32	0.28125	7.144	32.544	57.944	83.344	108.744	134.144	159.544	184.944	210.344	235.744
19/64	0.296875	7.541	32.941	58.341	83.741	109.141	134.541	159.941	185.341	210.741	236.141
5/16	0.3125	7.938	33.338	58.738	84.138	109.538	134.938	160.338	185.738	211.138	236.538
21/64	0.328125	8.334	33.734	59.134	84.534	109.934	135.334	160.734	186.134	211.534	236.934
11/32	0.34375	8.731	34.131	59.531	84.931	110.331	135.731	161.131	186.531	211.931	237.331
23/64	0.359375	9.128	34.528	59.928	85.328	110.728	136.128	161.528	186.928	212.328	237.728
3/8	0.375	9.525	34.925	60.325	85.725	111.125	136.525	161.925	187.325	212.725	238.125
25/64	0.390625	9.922	35.322	60.722	86.122	111.522	136.922	162.322	187.722	213.122	238.522
13/32	0.40625	10.319	35.719	61.119	86.519	111.919	137.319	162.719	188.119	213.519	238.919
27/64	0.421875	10.716	36.116	61.516	86.916	112.316	137.716	163.116	188.516	213.916	239.316
7/16	0.4375	11.112	36.512	61.912	87.312	112.712	138.112	163.512	188.912	214.312	239.712
29/64	0.453125	11.509	36.909	62.309	87.709	113.109	138.509	163.909	189.309	214.709	240.109
15/32	0.46875	11.906	37.306	62.706	88.106	113.506	138.906	164.306	189.706	215.106	240.506
31/64	0.484375	12.303	37.703	63.103	88.503	113.903	139.303	164.703	190.103	215.503	240.903
1/2	0.5	12.700	38.100	63.500	88.900	114.300	139.700	165.100	190.500	215.900	241.300
33/64	0.515625	13.097	38.497	63.897	89.297	114.697	140.097	165.497	190.897	216.297	241.697
17/32	0.53125	13.494	38.894	64.294	89.694	115.094	140.494	165.894	191.294	216.694	242.094
35/64	0.546875	13.891	39.291	64.691	90.091	115.491	140.891	166.291	191.691	217.091	242.491
9/16	0.5625	14.288	39.688	65.088	90.488	115.888	141.288	166.688	192.088	217.488	242.888
37/64	0.578125	14.684	40.084	65.484	90.884	116.284	141.684	167.084	192.484	217.884	243.284
19/32	0.59375	15.081	40.481	65.881	91.281	116.681	142.081	167.481	192.881	218.281	243.681
39/64	0.609375	15.478	40.878	66.278	91.678	117.078	142.478	167.878	193.278	218.678	244.078
5/8	0.625	15.875	41.275	66.675	92.075	117.475	142.875	168.275	193.675	219.075	244.475
41/64	0.640625	16.272	41.672	67.072	92.472	117.872	143.272	168.672	194.072	219.472	244.872
21/32	0.65625	16.669	42.069	67.469	92.869	118.269	143.669	169.069	194.469	219.869	245.269
43/64	0.671875	17.066	42.466	67.866	93.266	118.666	144.066	169.466	194.866	220.266	245.666
11/16	0.6875	17.462	42.862	68.262	93.662	119.062	144.462	169.862	195.262	220.662	246.062
45/64	0.703125	17.859	43.259	68.659	94.059	119.459	144.859	170.259	195.659	221.059	246.459
23/32	0.71875	18.256	43.656	69.056	94.456	119.856	145.256	170.656	196.056	221.456	246.856
47/64	0.734375	18.653	44.053	69.453	94.853	120.253	145.653	171.053	196.453	221.853	247.253
3/4	0.75	19.050	44.450	69.850	95.250	120.650	146.050	171.450	196.850	222.250	247.650
49/64	0.765625	19.447	44.847	70.247	95.647	121.047	146.447	171.847	197.247	222.647	248.047
25/32	0.78125	19.844	45.244	70.644	96.044	121.444	146.844	172.244	197.644	223.044	248.444
51/64	0.796875	20.241	45.641	71.041	96.441	121.841	147.241	172.641	198.041	223.441	248.841
13/16	0.8125	20.638	46.038	71.438	96.838	122.238	147.638	173.038	198.438	223.838	249.238
53/64	0.828125	21.034	46.434	71.834	97.234	122.634	148.034	173.434	198.834	224.234	249.634
27/32	0.84375	21.431	46.831	72.231	97.631	123.031	148.431	173.831	199.231	224.631	250.031
55/64	0.859375	21.828	47.228	72.628	98.028	123.428	148.828	174.228	199.628	225.028	250.428
7/8	0.875	22.225	47.625	73.025	98.425	123.825	149.225	174.625	200.025	225.425	250.825
57/64	0.890625	22.622	48.022	73.422	98.822	124.222	149.622	175.022	200.422	225.822	251.222
29/32	0.90625	23.019	48.419	73.819	99.219	124.619	150.019	175.419	200.819	226.219	251.619
59/64	0.921875	23.416	48.816	74.216	99.616	125.016	150.416	175.816	201.216	226.616	252.016
15/16	0.9375	23.812	49.212	74.612	100.012	125.412	150.812	176.212	201.612	227.012	252.412
61/64	0.953125	24.209	49.609	75.009	100.409	125.809	151.209	176.609	202.009	227.409	252.809
31/32	0.96875	24.606	50.006	75.406	100.806	126.206	151.606	177.006	202.406	227.806	253.206
63/64	0.984375	25.003	50.403	75.803	101.203	126.603	152.003	177.403	202.803	228.203	253.603

Values in mm



# Standard TORQUE Values

## Coefficient of friction $\mu$ total = 0,1 (Property-class ISO 898/1)

A/F mm	Size d	3,6 (4D) F <sub>V</sub> (N)	3,6 (4D) M <sub>A</sub> (NM)	5,6 (5D) F <sub>V</sub> (N)	5,6 (5D) M <sub>A</sub> (NM)	6,9 (6 G) F <sub>V</sub> (N)	6,9 (6 G) M <sub>A</sub> (NM)	8,8 (8 G) F <sub>V</sub> (N)	8,8 (8 G) M <sub>A</sub> (NM)	10,9 (10 K) F <sub>V</sub> (N)	10,9 (10 K) M <sub>A</sub> (NM)	12,9 (12 K) F <sub>V</sub> (N)	12,9 (12 K) M <sub>A</sub> (NM)
3,2	M 1,6					475	0,125	587	0,150	862	0,215	1,009	0,255
4,0	M 2,0					790	0,26	975	0,315	1.432	0,465	1,676	0,545
5,0	M 2,5					1.320	0,52	1.624	0,645	2.385	0,935	2,791	1,095
5,5	M 3	690	0,30	1.130	0,51	1,850	0,81	2.450	1,1	3.450	1,5	4.100	1,8
6	M 3,5	920	0,47	1.550	0,78	2.450	1,2	3.250	1,7	4.600	2,3	5.500	2,8
7	M 4	1,200	0,70	2.000	1,2	3.150	1,9	4.200	2,4	5.900	3,3	7.100	4,0
8/9	M 5	1.950	1,4	3.250	2,3	5.200	3,6	6.900	4,9	9.700	7,0	11.600	8,0
10	M 6	2.750	2,4	4.550	3,9	7.300	6,3	9.750	8,0	13.700	12	16.400	14
13/14	M 8	5.050	5,7	8.400	9,5	13.400	15	17.900	20	25.100	28	30.200	34
15/17	M 10	8.000	11	13.300	19	21.400	30	28.400	40	40.000	56	48.000	67
19/21	M 12	11.700	20	19.500	33	31.100	52	41.500	69	58.500	98	70.000	115
22/23	M 14	16.000	31	26.700	52	42.700	83	56.500	110	80.000	155	96.000	185
24/26	M 16	22.000	48	36.700	79	58.500	125	78.500	170	110.000	240	132.000	285
27	M 18	26.000	66	44.600	110	71.500	175	95.000	235	134.000	330	160.000	395
30	M 20	34.400	92	57.500	155	91.500	245	122.000	330	172.000	465	206.000	560
32	M 22	43.000	125	71.500	205	115.000	330	152.000	445	214.000	620	257.000	750
36	M 24	49.500	160	82.500	265	132.000	425	176.000	570	248.000	800	298.000	960
41	M 27	65.000	235	109.000	390	174.000	630	232.000	840	326.000	1.200	391.000	1.400
46	M 30	79.000	320	132.000	530	211.000	850	282.000	1.150	397.000	1.600	476.000	1.950
50	M 33	98.500	430	164.000	720	263.000	1.150	351.000	1.550	493.000	2.150	592.000	2.600
55	M 36	116.000	550	193.000	920	309.000	1.500	412.000	1.950	579.000	2.750	695.000	3.300

F<sub>V</sub> = Preload

Conversion N (Newton)

M<sub>A</sub> = tightening TORQUE

1 kp = 9,80665 N ≈ 9,81 N

## Coefficient of friction $\mu$ total = 0,14 (Property-class ISO 898/1)

A/F mm	Size d	3,6 (4D) F <sub>V</sub> (N)	3,6 (4D) M <sub>A</sub> (NM)	5,6 (5D) F <sub>V</sub> (N)	5,6 (5D) M <sub>A</sub> (NM)	6,9 (6 G) F <sub>V</sub> (N)	6,9 (6 G) M <sub>A</sub> (NM)	8,8 (8 G) F <sub>V</sub> (N)	8,8 (8 G) M <sub>A</sub> (NM)	10,9 (10 K) F <sub>V</sub> (N)	10,9 (10 K) M <sub>A</sub> (NM)	12,9 (12 K) F <sub>V</sub> (N)	12,9 (12 K) M <sub>A</sub> (NM)
3,2	M 1,6					440	0,15	538	0,18	790	0,27	925	0,31
4,0	M 2,0					730	0,31	895	0,38	1.315	0,56	1.539	0,65
5,0	M 2,5					1.220	0,64	1.494	0,78	2.194	1,14	2.567	1,34
5,5	M 3	630	0,37	1.050	0,62	1.700	0,99	2.250	1,3	3.150	1,9	3.800	2,2
6	M 3,5	850	0,57	1.400	0,95	2.250	1,5	3.000	2,0	4.250	2,9	5.100	3,4
7	M 4	1.100	0,85	1.850	1,4	2.900	2,3	3.900	2,9	5.450	4,1	6.550	4,9
8/9	M 5	1.800	1,7	3.000	2,8	4.800	4,5	6.350	6,0	8.950	8,5	10.700	10
10	M 6	2.550	2,9	4.200	4,8	6.750	7,7	9.000	10	12.600	14	15.100	17
13/14	M 8	4.650	7,0	7.750	12	12.400	19	16.500	25	23.200	35	27.900	41
15/17	M 10	7.400	14	12.300	23	19.700	37	26.200	49	36.900	69	44.300	83
19/21	M 12	10.800	24	18.000	40	28.800	65	38.300	86	54.000	120	64.500	145
22/23	M 14	14.800	39	24.000	64	39.500	105	52.500	135	74.000	190	88.500	230
24/26	M 16	20.400	59	34.000	98	54.500	155	73.000	210	102.000	295	123.000	355
27	M 18	24.800	81	41.000	135	66.000	215	88.000	290	124.000	405	148.000	485
30	M 20	31.900	115	53.000	190	85.000	305	114.000	410	160.000	580	192.000	690
32	M 22	39.900	155	66.500	260	106.000	415	141.000	550	199.000	780	239.000	930
36	M 24	45.900	200	76.500	330	122.000	530	164.000	710	230.000	1.000	276.000	1.200
41	M 27	60.500	295	100.000	490	161.000	780	215.000	1.050	302.000	1.500	363.000	1.800
46	M 30	73.500	395	122.000	660	196.000	1.050	262.000	1.450	368.000	2.000	442.000	2.400
50	M 33	91.500	540	153.000	900	244.000	1.450	326.000	1.900	458.000	2.700	550.000	3.250
55	M 36	107.000	690	179.000	1.150	287.000	1.850	382.000	2.450	537.000	3.450	645.000	4.150

F<sub>V</sub> = Preload

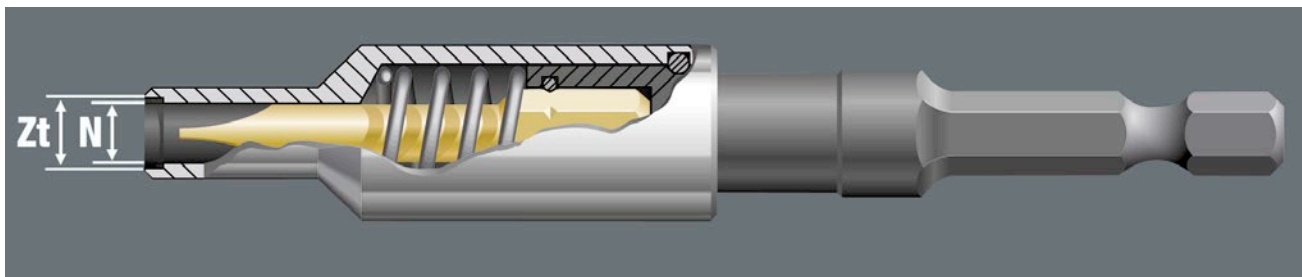
Conversion N (Newton)

M<sub>A</sub> = tightening TORQUE

1 kp = 9,80665 N ≈ 9,81 N

# Three Part Driver System

Slotted Screws (thread size)										Part 1	Part 2	Part 3			
Metric screws				Self-tapping screws			Wood-screws			Screw-head dia.	Wera Finder sleeve Art. 803	Wera Bits	Wera Universal Bitholder		
mm ø				mm ø			mm ø			max. mm	bore Zt x N	size a x b	890/4/1	890/6/1	890/7/1
DIN EN ISO 1207	DIN EN ISO 1580	DIN EN ISO 2009	DIN EN ISO 2010	DIN EN ISO 1481	DIN EN ISO 1482	DIN EN ISO 1483	DIN 95	DIN 96	DIN 97						
2,0		2,0	2,0				2,0		2,0	3,8	<b>4,0 x 3,0</b>	<b>0,5 x 3,0</b>	•	•	•
2,5		2,5	2,5	2,2			2,5		2,5	4,7	<b>5,0 x 3,5</b>	<b>0,6 x 3,5</b>	•	•	•
2,5				2,2				2,5		5,0	<b>5,5 x 4,5</b>	<b>0,6 x 4,5</b>	•	•	•
								2,0		4,0		<b>0,5 x 4,0</b>			
3,0	3,0	3,0	3,0				3,0	3,0	3,0	6,0	<b>6,5 x 4,0</b>		•	•	•
		3,5	3,5	2,9	2,9	2,9	3,5		3,5	6,5		<b>0,8 x 4,0</b>	•	•	•
3,0	3,0	3,5	3,5	2,9			3,5	3,5		7,0		<b>0,8 x 5,5</b>	•	•	•
				3,5	3,5	3,5	4,0	4,0	4,0	8,0	<b>8,5 x 5,5</b>		•	•	•
3,5	3,5	4,0	4,0	3,9	3,9	3,9	4,5		4,5	8,3		<b>1,0 x 5,5</b>	•	•	•
					4,2	4,2	5,0	5,0	5,0	10,4			•	•	•
4,0		5,0	5,0		4,8					9,5	<b>10,5 x 6,5</b>	<b>1,2 x 6,5</b>	•	•	•
5,0	4,0			4,2		4,8	5,5		5,5	10,2	<b>11,0 x 8,0</b>	<b>1,2 x 8,0</b>	•	•	•
	5,0	6,0	6,0	4,8	5,5	5,5				11,0		<b>1,6 x 8,0</b>	•	•	•
							6,0		6,0	11,0			•	•	•



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# Wera Worldwide

## **Wera Werk**


Hermann Werner GmbH & Co. KG  
Korzerter Straße 21-25  
42349 Wuppertal

 +49 / (0)202 / 40 45 - 322  
Fax: +49 / (0)202 / 40 36 34  
E-Mail: [info@wera.de](mailto:info@wera.de)

## Wera International



### Wera Tools UK Ltd.

Units 1 & 2, McGregor's Way  
Turnoaks Business Park  
Chesterfield S40 2WB  
 +44 / (0)1246 / 27 77 56  
Fax: +44 / (0)1246 / 27 33 35  
E-Mail: [queries@wera-tools.co.uk](mailto:queries@wera-tools.co.uk)




### Wera Tools Inc.


4129 Harvester Rd.  
Unit "H"  
Burlington, ON L7L 5M3  
 1-800- 267-5541  
E-Mail: [info@weratools.com](mailto:info@weratools.com)



### Wera Iberia

C./Mogoda, 1-5 (Edificio Nodus)  
Pno. Ind. Can Salvatella  
08210 Barberà del Vallès / Barcelona  
 +34 / 93 / 7 29 7-2 40  
Fax: +34 / 93 / 7 29 7-2 41  
E-Mail: [juan.pires@weraspain.com](mailto:juan.pires@weraspain.com)


## **Germany**

04654 Frohburg  
Industrievertretung Jens Hiensch  
 +49 / (0)157 / 71 90 78 21  
E-Mail: [jens.hiensch@iv-hiensch.de](mailto:jens.hiensch@iv-hiensch.de)

09306 Erlau  
IMS Lonthoff  
 +49 / (0)1525 / 39 81 570  
E-Mail: [danielonthoff@gmx.de](mailto:danielonthoff@gmx.de)

10961 Berlin  
Werksvertretung Peter Raschke  
 +49 / (0)177 / 74 90 484  
E-Mail: [raschke@wv-raschke.de](mailto:raschke@wv-raschke.de)

21465 Reinbek  
Rosendahl & Koppel  
 +49 / (0)40 / 23 41 47  
E-Mail: [rosendahl.koppel.hh@wera.de](mailto:rosendahl.koppel.hh@wera.de)

26160 Bad Zwischenahn  
Ralf Saul  
 +49 / (0)4486 / 93 94 78  
E-Mail: [r.saul@wera.de](mailto:r.saul@wera.de)

42111 Wuppertal  
HKL Industrievertretungen GmbH  
 +49 / (0)202 / 47 00 01  
E-Mail: [hkl@wera.de](mailto:hkl@wera.de)

42349 Wuppertal  
Dirk Blasius - Verkaufsleiter NRW  
 +49 / (0)202 / 40 45 204  
E-Mail: [blasius@wera.de](mailto:blasius@wera.de)

58256 Ennepetal  
Ulrich Hesselmann  
 +49 / (0)2333 / 83 92 37  
E-Mail: [ulrich.hesselmann@wera.de](mailto:ulrich.hesselmann@wera.de)

64342 Seeheim-Jugenheim  
Layer OHG  
 +49 / (0)6257 / 86 96 0  
E-Mail: [layer@wera.de](mailto:layer@wera.de)

778132 Hornberg  
Industrievertretung Markus Haberstroh  
 +49 / (0)7833 / 955 54 86  
E-Mail: [m.haberstroh@haberstroh-industrievertretung.de](mailto:m.haberstroh@haberstroh-industrievertretung.de)

88489 Wain  
Thorsten Schilder Handelsvertretung  
 +49 / (0)7353 / 528 48 74  
E-Mail: [thorsten.schilder@wera.de](mailto:thorsten.schilder@wera.de)

90455 Nürnberg  
Dietz OHG  
 +49 / (0)9129 / 90 57 50  
E-Mail: [dietz@wera.de](mailto:dietz@wera.de)

## Europe



AT - 5412 Puch  
Alpen-MayKestag GmbH  
 +43 / (0)662 / 44 901-0  
E-Mail: [verkauf@a-mk.com](mailto:verkauf@a-mk.com)



B - 1600 Sint-Pieters-Leeuw  
Beltracy S.A.  
 +32 / (0)2 / 54 36 890  
E-Mail: [info@beltracy.be](mailto:info@beltracy.be)



BG - 1421 Sofia  
Mr. Nikola Ivanov  
 +359 / (0)2 / 96 31 900  
E-Mail: [weraw@mail.bg](mailto:weraw@mail.bg)



CH - 1026 Denges  
Metalsa S.A.  
 +41 / (0)21 / 80 45 050  
E-Mail: [info@metalsa.ch](mailto:info@metalsa.ch)



CZ - 180 82 Praha 8  
ABQ AGENCY s.r.o.  
 +420 / (0)2 / 28 38 41 981  
E-Mail: [info@abefekt.cz](mailto:info@abefekt.cz)



DK - 2730 Herlev  
HJS Værktøj A/S  
 +45 / 44 84 40 44  
E-Mail: [hjs@hjs.dk](mailto:hjs@hjs.dk)



EST - 1415 Tallinn  
AS Mecro  
 +372 / 6 / 20 11 11  
E-Mail: [mecro@mecro.ee](mailto:mecro@mecro.ee)



FIN - 01511 Vantaa  
Wihuri Oy Technical Trade  
 +358 / (0)20 / 51 02 364  
E-Mail: [info@wihuri.fi](mailto:info@wihuri.fi)



F - France  
Christian Colombel  
 +33 / (6)42 70 50 51  
E-Mail: [colombel@wera.de](mailto:colombel@wera.de)



GR - 166 72 Vari  
Costas J. Kessissoglou  
 +30 / 210 / 96 37 521  
E-Mail: [kessi@hol.gr](mailto:kessi@hol.gr)



H - 1101 Budapest  
Fairtool KFT  
 +36 / (0)1 / 26 08 025  
E-Mail: [istvan.kiss@fairtool.hu](mailto:istvan.kiss@fairtool.hu)



I - 20097 San Donato Milanese  
Carlo Stechel & Figli srl  
 +39 / 02 52 77 71  
E-Mail: [wera@stechel.it](mailto:wera@stechel.it)

# Wera Worldwide

www.wera.de | www.weratools.com | www.wera-tools.co.uk

## Europe

 **LT-09109 Vilnius**  
**Mr Donatas Zinkus**  
 +370 / 606 / 72077  
E-Mail: donatas.zinkus@gmail.com

 **LT-69320 Klaipėdos raj.**  
**UAB GITANA**  
 +370 / 46 / 410881  
E-Mail: info@gitana.lt

 **N - 0787 Oslo**  
**MORGENSTIERNE verktøy AS**  
 +47 / (0)22 / 49 28 00  
E-Mail: tools@morgenstjerne.no

 **NL - Nord**  
**Gerard Kluck**  
 +31 / 65 28 52 622  
E-Mail: kluck@wera.de


 **NL - Süd**  
**Wouter Steijvers**  
 +31 / 65 28 50 162  
E-Mail: steijvers@wera.de

 **PL - 61-306 Poznań**  
**Agentools Sp. z o.o. Sp. k.**  
 +48 / (0)61 / 87 19 000  
E-Mail: info@agentools.pl

 **RO - 061344 București**  
**Edelweiss Grup**  
 +40 / (0)21 / 31 91 313  
E-Mail: alexandru.brezeanu@edelweissgrup.ro

 **RUS - 119454 Moskau**  
**KNIPEX 000**  
 +7 / 495 / 73 73 497  
E-Mail: info@knipex.ru

 **S - 163 53 Spånga**  
**Hansson & Frife AB**  
 +46 / (0)8 / 76 02 510  
E-Mail: hansson.frife@esma.se

 **SRB-11030 Beograd**  
**ELTEC Export-Import d.o.o.**  
 +381 / 11 / 3555 - 065  
E-Mail: info@eltec.rs



## North America (Canada, USA, Mexico)

 **CA - Burlington, Ontario**  
**Wera Tools Inc.**  
 +1 / 80 02 67 55 41  
E-Mail: info@weratools.com

 **CA - Burlington, Ontario**  
**Wera Tools Inc.**  
 +1 / 80 02 67 55 41  
E-Mail: info@weratools.com

 **MEX - 72180 Puebla**  
**Herramientas, Accesorios y Servicios de Puebla, S.A. de C.V.**  
 +52 / 1222 / 40 32 973  
E-Mail: hacserp@hotmail.com

## South America

 **AR - 1879 Buenos Aires**  
**Quilmes Neumática S.A.**  
 +54 / 11 42 50 03 65 int.21  
E-Mail: rudi@quilmesneumatica.com

 **BR - 09601-000 São Bernardo do Campo-SP**  
**DFG Comércio Importação Exportação e Representação Ltda**  
 +55 / 11 49 41 21 51  
E-Mail: www.dfgferramentas.com.br

 **CL - Santiago de Chile**  
**Comercial e Industrial Ilesa S.A.**  
 +56 / 23 62 70 00

## Australia and Oceania

 **AU - Australia - 2147 Seven Hills**  
**Cabac**  
 +61 / 13 31 22  
E-Mail: sales@cabac.com.au


 **NZ - 1061 Penrose Auckland**  
**Ecco Pacific**  
 +64 / 80 07 76 969  
E-Mail: sales@eccopacific.com.au



## Asia

 **CN - 201206 Shanghai**  
**KNIPEX Tools Co., Ltd.**  
 +86 / 21 58 99 80 10  
E-Mail: info@knipex.com.cn

 **IN - 411001 Pune**  
**Nikita Distributors & Extreme Adventure Sports**  
 +91 / 20 30 50 06 14  
E-Mail: raman.jpa@gmail.com

 **TW - 114 Taipei City / Taiwan R.O.C**  
**Inhand Corporation**  
 +886 / 2 / 63 19 53 8

 **KR - 10463 Gyunggi-Do**  
**LnJ Korea**  
 +82 / 31 / 96 61 429  
E-Mail: LNJ2100@ymail.com

 **SG - 575625 Singapore**  
**Wing Poh Hardware Pte Ltd**  
 +65 / 62 50 05 23



 **TW - 11483 Taipei / Taiwan R.O.C.**  
**Duramet Corporation**  
 +886 / 2 / 26 32 24 88

 **KR - 08531 Seoul**  
**Protool Co., LTD.**  
E-Mail: sejin@protool.co.kr

## Middle East

 **IL - Tel-Aviv 61573**  
**Tenegal Agencies Ltd.**  
 +972 / (0)3 / 56 17 411  
E-Mail: menahem@tenegal.coml

**JO, LB, IR, SY, KW, BH, QA, OM, AE, SA, JE**  
**KNIPEX Tools Middle East FZE**  
 +971 / 48 87 85 56  
E-Mail: info@knipex-tools.com

 **IR - 15866-45915 Tehran / Iran**  
**Abzarsara Co.**  
 +98 / 21 88 81 31 20  
E-Mail: info@abzarsara.com



# Which type of bit is needed for which job?



## Impaktor-Bits

Impact-Bits are needed when a strong power tool (e.g. 18 volt impact screwdriver) is used. Impact bits were specifically developed to withstand high power tool forces.



## TH-Bits

TH-Bits are hard bits with a torsion zone. Torsion bits absorb the damaging peak torque loads in the torsion zone. This prevents premature wear and enhances the service life of the bits.



## Stainless Steel-Bits

Wera stainless steel bits are manufactured out of stainless steel so unsightly rust can be avoided. The stainless steel bits from Wera are vacuum ice-hardened and have the hardness and strength needed for screw connections. There are no limitations to the industrial applications they are suitable for.



## J-Bits

J stands for Japan. J bits have been optimised to suit Asian PH screws. In particular, they are for use with very small dimensions as set out in the Japanese Camera Standard.



## BDC-Bits

BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits. The diamond coating lowers the danger of slipping as the minute diamond particles literally “bite” themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.



## ACR®-Bits

ACR® stands for “anti-cam-out ribs”. ACR® bits have ribs at the drive tip that protect against slipping out of the screw head. It is recommended that ACR® bits are matched with ribbed ACR® screws for maximum effect. ACR® is a registered trademark of Phillips Screw Company.



## BTH-Bits

BTH-Bits have an additional tempered BiTorsion zone, which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.



## TiN-Bits

TiN stands for titanium-nitrite. An extremely hard coating to withstand permanent loads such as during continual screwdriving operations in series manufacturing.



## BTZ-Bits

BTZ-Bits have an additional tempered BiTorsion zone, which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.



## DC-Bits

The diamond coating of the DC bits lowers the danger of slipping as the minute diamond particles literally “bite” themselves into the screw head.



## TZ-Bits

TZ-Bits are tough bits with a torsion zone. Torsion bits absorb the damaging peak torque loads in the torsion zone. This prevents premature wear and enhances the service life of the bits.



## Bits with reduced shaft diameter

Bits with reduced shaft diameter ensure that screws can be sunk without damaging the surface. This is particularly necessary in drywall construction applications.



## A-Bits

A stands for aviation. A bits are particularly hard bits with a sharp-edged profile which e.g. penetrates screw profiles full of paint (such as on fuselage panels) ensuring a dependable transfer of force between the bit and the screw.

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## Contact us

All regions (except for North America, UK and Republic of Ireland)

**Wera Werk** - Germany  
Korzerter Straße 21-25  
D-42349 Wuppertal

Phone: +49 (0) 202 / 40 45-322  
Fax: +49 (0) 202 / 40 36 34  
E-Mail: [info@wera.de](mailto:info@wera.de)

Internet:  
[www.wera.de](http://www.wera.de)

### North America

**Wera Tools Inc.**  
4129 Harvester Rd, Unit H  
Burlington, Ontario  
Canada, L7L 5M3

Phone: 1-800-267-55 41  
E-Mail: [info@weratools.com](mailto:info@weratools.com)

Internet:  
[www.weratools.com](http://www.weratools.com)

### UK & Republic of Ireland

**Wera Tools UK LTD**  
Units 1 & 2, McGregor's Way  
Turnoaks Business Park, Chesterfield  
Derbyshire, S40 2WB  
Great Britain

Phone: +44 / (0) 12 46 / 27 77 56  
E-Mail: [queries@wera-tools.co.uk](mailto:queries@wera-tools.co.uk)

Internet:  
[www.wera-tools.co.uk](http://www.wera-tools.co.uk)