

Screwdriving Tools

For the Aerospace Industry





Werd
BE A TOOL REBBE

Tools for the Aerospace Sector



Bits, Holders and Adaptors

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Precision engineered tools for the aerospace MRO industry



With the increasing economic pressures on the global aerospace industry, Wera recognizes the importance of maintenance operations for all carriers, whether they are passenger, commercial or military.

It is because of this pressure that Wera has become more focussed on the particular tools required to ensure that aircraft are professionally maintained, and that the job is done in the safest and most cost-efficient way possible.

That is why Wera is constantly working to improve on the status-quo, and to provide new and better solutions to the unique and daily challenges of the MRO industry.

High Quality Tool Steel manufactured under carefully controlled conditions.



State of the art CNC machinery in operation: Capacity, Flexibility, Capability.



State of the Art manufacturing facility producing appr. 100 Million screwdriver bits every year.



Wera, as one of the largest screwdriver bit manufacturers worldwide, is licensed to produce the most popular screw profiles, including TORQ-SET®, Tri-Wing®, TORX®, TORX PLUS®, Phillips etc. And, by working directly with leading airplane manufacturers, Wera brings value to its customers – by developing and delivering tailored and economical solutions which helps to reduce down time, to improve efficiency and safety and finally, to reduce cost and boost competitiveness.

Perhaps the best example of the innovative character of Wera, specifically related to the aerospace market, was the introduction of our patented TORQ-SET® MPlus screwdriver bits. The uniquely improved geometry of the MPlus bits provides for better fit in the screws,

higher torque transfer, and less cam-out. The strongest benefit, however, is seen during the removal of fasteners which have been in service, and are filled with paint or are damaged.

We are sure that you will find many more useful solutions to your daily fastening challenges in the following pages of our new Aviation MRO Catalog. And, if we can provide any technical assistance, or if you have particular challenges for which you can't currently find a solution, please contact your local Wera representative for support. Looking forward to receiving your challenges and becoming part of your solution!

Martin Strauch/CEO

In-house surface finishing – ecological and economical.

System Process Control ensures Wera quality, every time.



R & D / QC

Wera provides professional technicians with exceptional technical expertise and product ideas, as well as comprehensive fastening solutions. In practical applications – with their often unique features – this results in a truly professional screw-driving performance. Wera not only has the “Know How”, but, more import-

antly, the “KNOW WHY” – 80 years of experience in screw-driving solutions makes Wera the ideal partner for your toughest applications. Through careful selection of materials and strictly controlled manufacturing processes, Wera bits fulfil the highest quality requirements and deliver superior performance – always!

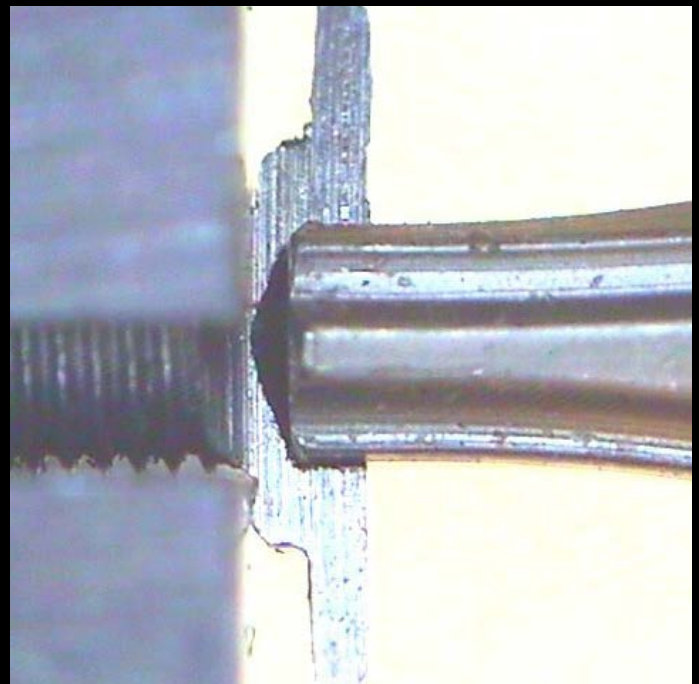
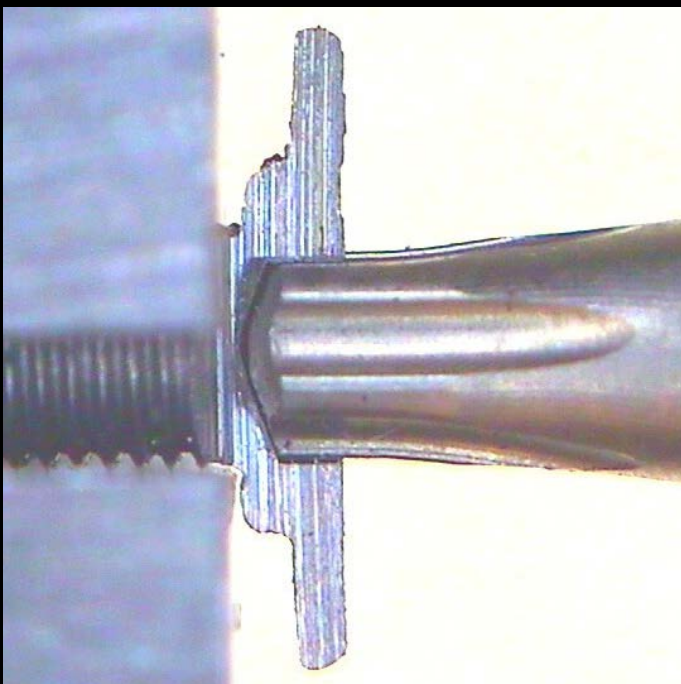
Excellent and well-defined TORX PLUS® geometry – to assure optimum fit.

Standard drive bit production: underfilled and severe edge rounding minimises fit and performance.



Excellent workmanship by Wera. Licensed product ensures optimum fit.

Not-licensed competitor product: no optimized fit – no performance.



The Wera Torque Service

The Wera Torque Service offers you excellent and affordable service packages with short delivery times and will be happy to answer your questions about your torque tool.

All Wera torque tools are produced, adjusted, calibrated and certified under strict quality conditions.

On request, Wera can also issue a calibration certificate according to DAkkS guidelines in cooperation with an accredited specialist laboratory.

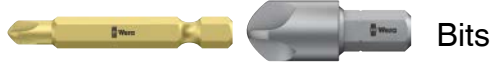


Wera Werkzeuge GmbH – Calibration competence in our own laboratory in Wuppertal/Germany.





Products for Power Tool Use



Bits

10



HOLDERS and Adaptors

53

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.

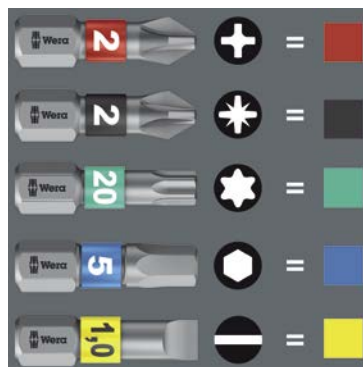
BiTorsion Bits

BiTorsion bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft 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.



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.

05057615001	PH 1	25	1"
05057616001	PH 2	25	1"
05057617001	PH 3	25	1"

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.

05056400001	PH 1	25	1"
05056402001	PH 2	25	1"
05056404001	PH 3	25	1"

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.

05071010001	PH 1	25	1"
05071011001	PH 2	25	1"
05071012001	PH 3	25	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 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"

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



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.



"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 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	mm
05134940001	PH 1	25	1"	4,5
05134941001	PH 2	25	1"	6,0
05134942001	PH 3	25	1"	-

Profiled versions feature sharp edges on bit flanks which are particularly useful in untightening operations.

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	mm
05380155001	PH 1	25	1"
05380156001	PH 2	25	1"
05380157001	PH 3	25	1"

Profiled versions feature sharp edges on bit flanks which are particularly useful in untightening operations.

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	mm
05134919001	PH 1	25	1"	4,5
05134920001	PH 2	25	1"	6,0
05134921001	PH 3	25	1"	-

Profiled versions feature sharp edges on bit flanks which are particularly useful in untightening operations.

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	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

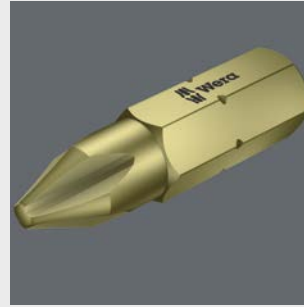
Design: Reduced shaft diameter, extra-hard, profiled version

		 mm	 1"	 mm
05380158001	PH 1	25	1"	4,2
05346281001	PH 2	25	1"	4,2

Profiled versions feature sharp edges on bit flanks which are particularly useful in untightening operations.

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.



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 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 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"




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"

851/1 Z bits



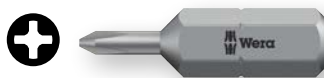
Application: Phillips screws

Drive: 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

Design: Tough, for universal use

	+	l, mm	l, "
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 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)

	+	l, mm	l, "	∅ mm
05135040001	PH 00	25	1"	2,0
05135041001	PH 0	25	1"	2,5
05135042001	PH 1	25	1"	3,0

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

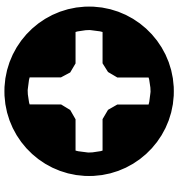


TH-Bits are hard bits with a torsion zone. Torsion bits absorb the damaging peak torque loads in the torsion zone. This prevents premature wear and enhances the service life of the bits.

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"

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
05134937001	PH 0	50	2"	3
05134938001	PH 0	89	3 1/2"	3
05134939001	PH 0	152	6"	3
05134950001	PH 1	50	2"	4,5
05134943001	PH 1	89	3 1/2"	4,5
05134946001	PH 1	152	6"	4,5
05134951001	PH 2	50	2"	6
05134944001	PH 2	89	3 1/2"	6
05134947001	PH 2	152	6"	6
05134952001	PH 3	50	2"	-
05134945001	PH 3	89	3 1/2"	-
05134948001	PH 3	152	6"	-

Profiled versions feature sharp edges on bit flanks which are particularly useful in untightening operations.

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 ¹⁾	PH 2	152	6"	6
05134911001 ²⁾	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

Profiled versions feature sharp edges on bit flanks which are particularly useful in untightening operations.

¹⁾ Length of drive 100 mm

²⁾ Length of drive 20 mm

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 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

		 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

	+	mm	mm
05059805001	PH 1	50	2"
05059810001	PH 2	50	2"
05059815001	PH 3	50	2"

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

	+	mm	mm	mm
05135530001 ¹⁾	PH 00	50	2"	2,0
05380200001 ¹⁾	PH 00	89	3 1/2"	2,0
05135531001 ²⁾	PH 0	50	2"	2,5
05380201001 ²⁾	PH 0	89	3 1/2"	2,5
05135532001	PH 1	50	2"	4,5
05380202001	PH 1	89	3 1/2"	4,5

¹⁾ Optimised for Asian PH screws

²⁾ 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

	+	mm	mm	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"	-

The plastic sleeve of the 853/4 ACR® SL bits protects components from being damaged when screwdriving.



853/4 Harpoon ACR® bits



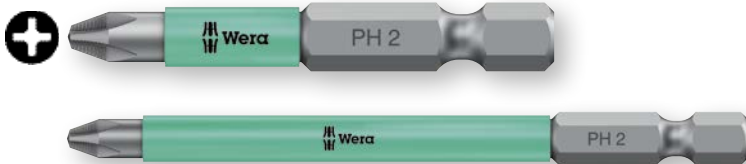
Application: Phillips screws

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
05160901001	PH 2	50	2"	3,3
05160895001	PH 2	70	2 3/4"	3,3
05160908001	PH 2	152	6"	3,3

853/4 ACR® SL bits with sleeve, magnetized



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, permanently magnetized, thus screws can be held securely on the tip of the bit; with plastic sleeve, protects components from being damaged when screwdriving

		 mm	 "	 mm
05323780001	PH 2	50	2"	5,2
05323781001	PH 2	90	3 1/2"	5,2
05203913001	PH 2	150	6"	5,2
05203914001	PH 2	200	8"	5,2

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.



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.

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 Harpoon DC 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

		 mm	 mm	 mm
05160916001	PH 2	50	2"	3,8
05161010001	PH 2	70	2 3/4"	3,8
05161011001	PH 2	152	6"	3,8





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

 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	 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



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	 mm	 mm	 mm
05134605001 ¹⁾	PH 000	44	1 ⁴⁷ / ₆₄ "	1,5	20	²⁵ / ₃₂ "
05134606001 ¹⁾	PH 000	64	2 ³³ / ₆₄ "	1,5	20	²⁵ / ₃₂ "
05135270001 ¹⁾	PH 00	44	1 ⁴⁷ / ₆₄ "	1,8	20	²⁵ / ₃₂ "
05135271001 ¹⁾	PH 00	64	2 ³³ / ₆₄ "	1,8	20	²⁵ / ₃₂ "
05135272001 ²⁾	PH 0	44	1 ⁴⁷ / ₆₄ "	1,8	20	²⁵ / ₃₂ "
05135273001 ²⁾	PH 0	64	2 ³³ / ₆₄ "	1,8	20	²⁵ / ₃₂ "
05135274001 ²⁾	PH 0	44	1 ⁴⁷ / ₆₄ "	2,0	20	²⁵ / ₃₂ "
05135275001 ²⁾	PH 0	64	2 ³³ / ₆₄ "	2,2	20	²⁵ / ₃₂ "
05135278001 ²⁾	PH 0	44	1 ⁴⁷ / ₆₄ "	2,2	20	²⁵ / ₃₂ "
05135276001 ¹⁾	PH 1	44	1 ⁴⁷ / ₆₄ "	3,0	20	²⁵ / ₃₂ "
05135277001 ¹⁾	PH 1	64	2 ³³ / ₆₄ "	3,0	20	²⁵ / ₃₂ "
05134607001	PH 2	44	1 ⁴⁷ / ₆₄ "	4,0	-	-
05134608001	PH 2	64	2 ³³ / ₆₄ "	4,0	-	-

¹⁾ Optimised for Asian PH screws

²⁾ Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)



⁵/₁₆ " ⁵/₁₆ " external square drive (series 25)

851/25 H bits

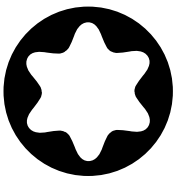


Application: Phillips screws

Drive: ⁵/₁₆ " external square

Design: Extra-hard

		 mm	 mm
05380380001	PH 1	29	1 ³ / ₁₆ "
05380381001	PH 2	29	1 ³ / ₁₆ "
05380382001	PH 3	29	1 ³ / ₁₆ "
05380383001	PH 4	29	1 ³ / ₁₆ "



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.

		1/4" mm	1/4"
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"

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.

		1/4" mm	1/4"
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"

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.

		1/4" mm	1/4"
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 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"

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

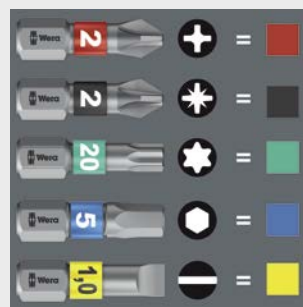


BDC-Bits are absolutely premium products. They have a softer BiTorsion zone which reduces the hardness of the shaft by about 20 % in comparison to the drive tip. This means that the peak loads that cause bit breakage and premature wear are absorbed in this zone – something which enhances the service life of the bits.

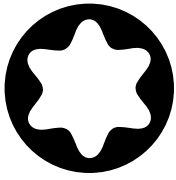
The diamond coating lowers the danger of slipping as the minute diamond particles literally "bite" themselves into the screw head. B stands for BiTorsion. DC stands for diamond coated.



"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 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	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	mm	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"	-

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 Z TORX® Wedge bits



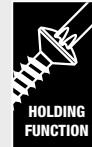
Application: TORX® socket screws

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"

Tip



The HF profile



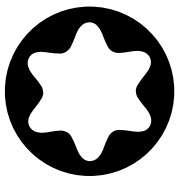
In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are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

TORX® Wedge



The conical TORX® profile provides a better fit in the screw. Combined with a great recess depth this produces a pinch effect.



Bits for TORX® Screws

 1/4" 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	
05057664001	TX 20	50	2"
05057665001	TX 25	50	2"
05057666001	TX 30	50	2"
05057667001	TX 40	50	2"




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	
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	
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"	-





867/4 H TORX® bits



Application: TORX® socket screws

Drive: 1/4" hexagon, suitable for DIN ISO 1173-F 6.3 bit holders

Design: Extra-hard

		 mm	 "	 mm
05135170001	TX 5	50	2"	3,0
05135171001	TX 5	70	2 3/4"	3,0
05135172001	TX 6	50	2"	3,0
05135180001	TX 6	70	2 3/4"	3,0
05135174001	TX 8	50	2"	3,0
05135182001	TX 8	70	2 3/4"	3,0
05135176001	TX 10	50	2"	4,0
05135184001	TX 10	70	2 3/4"	4,0
05135185001	TX 15	50	2"	4,0
05135186001	TX 15	70	2 3/4"	4,0

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



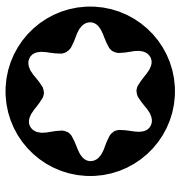
In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are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

867/4 H: A vacuum-hardened bit



Vacuum hardening is the cleanest and most environmentally friendly of all hardening methods. The environment inside the vacuum chamber is unreactive, even to alloys which are especially prone to oxidation. For all grades of steel, vacuum heat treatment is the optimum heat treatment, and represents state of the art technology.



Bits for TORX® Screws

 1/4" 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: For universal use

		 mm	 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"	-



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



4 mm

4 mm Halfmoon direct drive (series 9)

867/9 C TORX® bits, halfmoon

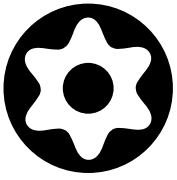


Application: TORX® socket screws

Drive: Halfmoon, 4 mm

Design: Precision hardened for sensitive applications

		mm	"	mm
05135220001	TX 1	44	1 47/64"	1,5
05135221001	TX 2	44	1 47/64"	1,5
05135222001	TX 3	44	1 47/64"	1,7
05345352001	TX 4	44	1 47/64"	1,8
05345018001	TX 4	64	2 33/64"	2,0
05345351001	TX 5	44	1 47/64"	3,0
05345032001	TX 5	64	2 33/64"	2,0
05314753001	TX 5	70	2 3/4"	2,0
05345350001	TX 6	44	1 47/64"	3,0
05345056001	TX 6	64	2 33/64"	2,0
05332610001	TX 6	70	2 3/4"	3,0
05345035001	TX 7	64	2 33/64"	2,3
05345026001	TX 8	44	1 47/64"	3,0
05345028001	TX 8	64	2 33/64"	3,0
05332609001	TX 8	70	2 3/4"	3,0
05332607001	TX 10	70	2 3/4"	3,0



Bits for Tamper-proof TORX® BO Screws with safety pin

 1/4" 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

		 mm	 "
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

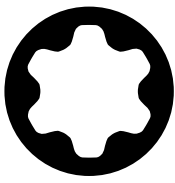


Application: TORX® socket screws with safety pin (BO = with bore hole)

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)



1/4" hexagon drive, suitable for F 6,3 bit holders (series 4)




867/1 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"





867/4 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"	-

 4 mm 4 mm Halfmoon direct drive (series 9)







867/9 C IP TORX PLUS® bits, halfmoon

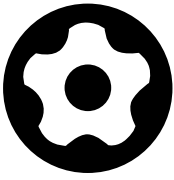


Application: TORX PLUS® screws

Drive: Halfmoon, 4 mm

Design: Precision hardened for sensitive applications

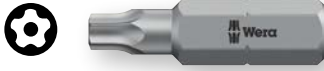
		 mm	 mm	 mm	 mm	 mm
05135230001	1 IP	44	1 ⁴⁷ / ₆₄ "	1,5	20	²⁵ / ₃₂ "
05135231001	2 IP	44	1 ⁴⁷ / ₆₄ "	1,5	20	²⁵ / ₃₂ "
05135232001	3 IP	44	1 ⁴⁷ / ₆₄ "	1,7	20	²⁵ / ₃₂ "
05326310001	4 IP	44	1 ⁴⁷ / ₆₄ "	2,0	20	²⁵ / ₃₂ "
05345019001	4 IP	64	2 ³³ / ₆₄ "	2,0	20	²⁵ / ₃₂ "
05135233001	5 IP	44	1 ⁴⁷ / ₆₄ "	2,0	20	²⁵ / ₃₂ "
05332612001	5 IP	70	2 ³ / ₄ "	3,0	20	²⁵ / ₃₂ "
05344900001	6 IP	44	1 ⁴⁷ / ₆₄ "	2,25	20	²⁵ / ₃₂ "
05135234001	8 IP	44	1 ⁴⁷ / ₆₄ "	3,0	20	²⁵ / ₃₂ "
05332606001	8 IP	70	2 ³ / ₄ "	3,0	20	²⁵ / ₃₂ "
05135235001	10 IP	44	1 ⁴⁷ / ₆₄ "	3,0	20	²⁵ / ₃₂ "



Bits for Tamper-proof TORX PLUS® IPR Screws

 1/4" 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"



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
05134600001 ¹⁾	1 IPR	50	2"	2,0
05134601001 ¹⁾	3 IPR	50	2"	2,0
05134602001 ¹⁾	5 IPR	50	2"	3,0
05134603001 ¹⁾	6 IPR	50	2"	3,0
05134604001	8 IPR	50	2"	3,0
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

¹⁾ Without bore hole



4 mm 4 mm Halfmoon direct drive (series 9)

867/9 IPR TORX PLUS® bits

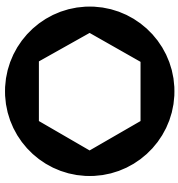


Application: TORX PLUS® IPR socket screws

Drive: Halfmoon, 4 mm

Design: Tough, for universal use

		mm	"	mm
05200495001	1 IPR	44	1 47/64"	1,5
05060380001	1 IPR	44	1 47/64"	1,8
05135226001	1 IPR	64	2 33/64"	1,5
05135228001	3 IPR	44	1 47/64"	1,8
05135229001	3 IPR	64	2 33/64"	1,8



Bits for Hexagon Socket Screws

 1/4" 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"




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	 "
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"




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

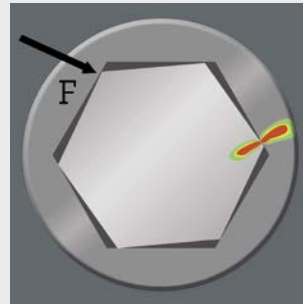
Design: Hex-Plus, tough, for universal use

	 mm	 mm	 mm	 "
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"

Tip

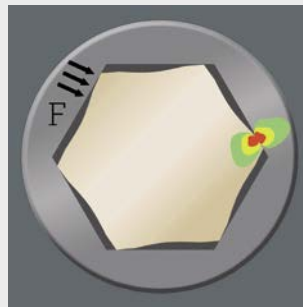


Conventional hex tools versus Hex-Plus

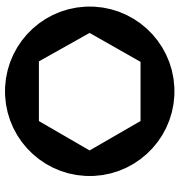


Conventional hex tools have a small contact surface along a narrow line. The notching effect grinds the inside of the screw-head and destroys it.

Hex-Plus tools



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!



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	⏏ 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 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
05160885001	0,9		50	2"	2,6
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



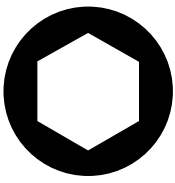
Hexagon screws can endure a problem because the contact surfaces delivering the power from the conventional tool, is transferred to the screw via very small surface areas. The consequence: the screw can become damaged (rounding out). Hex-Plus tools have a greater contact surface that prevents this from happening! Good to know: Hex-Plus tools fit into every standard hexagon socket screw!



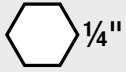
"Take it easy"



"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)



5/16" hexagon drive, suitable for D 8 bit holders or direct drive (series 2)

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	"
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		89	3 1/2"
05380125001		89	3 1/2"
05380126001		89	3 1/2"
05380127001		89	3 1/2"
05380128001		89	3 1/2"
05380129001		89	3 1/2"
05380130001		89	3 1/2"
05380131001		89	3 1/2"

840/2 Z Bits

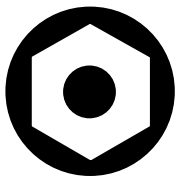


Application: Hexagon socket screws

Drive: 5/16" hexagon, suitable for DIN ISO 1173-D 8 bit holders

Design: Hex-Plus, tough, for universal use

	mm	mm	"
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		30	1 3/16"
05057565001		70	2 3/4"
05135083001		30	1 3/16"
05135084001		30	1 3/16"
05057566001		70	2 3/4"
05135080001		30	1 3/16"
05057567001		70	2 3/4"
05135081001		30	1 3/16"
05057568001		70	2 3/4"
05135082001		30	1 3/16"



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 B0 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 B0 bits

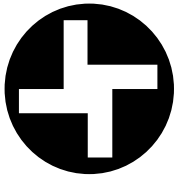


Application: Hexagon socket screws with safety pin (BO = with bore hole)

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 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
05066638001	4		25	1"	4,7
05066640001	6		25	1"	4,7
05066642001	8		25	1"	6,0
05066644001	10		25	1"	6,0
05066646001		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
05066634001		32	1 1/4"	11,0
05066635001		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
05066618001	0		25	1"	4,7
05066619001	1		25	1"	4,7
05066620001	2		25	1"	4,7
05066622001	3		25	1"	4,7
05066624001	4		25	1"	4,7
05066626001	5		25	1"	4,7
05066628001	6		25	1"	4,7
05066630001	8		25	1"	6,0
05066632001	10		25	1"	6,0
05066633001		1/4"	25	1"	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	□, "
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

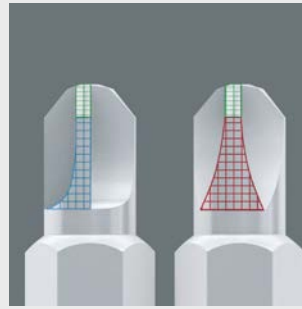
Drive: 1/4" hexagon, suitable for DIN ISO 1173-F 6,3 bit holders

Design: Mplus for higher breaking torque and longer service life

			□, mm	□, "
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"

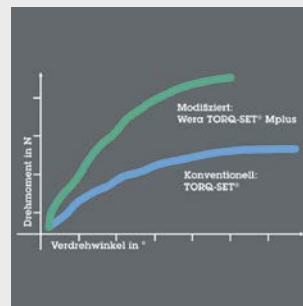
Tip

Wera 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.

TORQ-SET® versus Wera TORQ-SET® Mplus

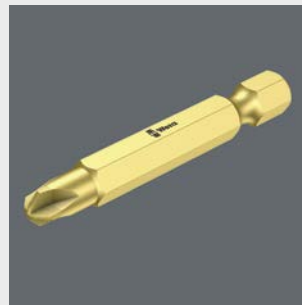


Torque/torsion curve of both profiles (average value).

A comparison of the tool life shows a noticeable performance improvement.



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	□, "
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
05066740001		1/4"	35	1 3/8"
05066742001		5/16"	35	1 3/8"
05066744001		3/8"	35	1 3/8"
05066746001		7/16"	35	1 3/8"



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
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

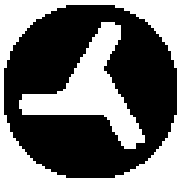


Application: TORQ-SET® screws


Drive: 5/8" hexagon

Design: Mplus for higher breaking torque and longer service life

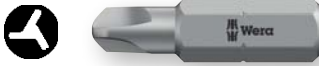
		□, mm	□, "
05066750001		1/2"	40
05066752001		9/16"	40
05066754001		5/8"	40



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

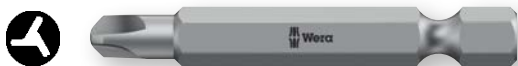
Drive: 1/4" hexagon, suitable for DIN ISO 1173-D 6,3 bit holders

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

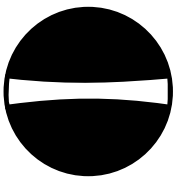


Application: TRI-WING® screws

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 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"





Holders and Adaptors

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	Adaptors	62

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.



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.



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 screwdriving 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 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 $\frac{1}{4}$ " 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: $\frac{1}{4}$ " hexagon, suitable for power driven screwdrivers with DIN ISO 1173-F 6,3 chucks

		mm		
05057675001	$\frac{1}{4}$ "	75	3"	$\frac{1}{4}$ "

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 $\frac{1}{4}$ " 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: $\frac{1}{4}$ " hexagon, suitable for power driven screwdrivers with DIN ISO 1173-F 6,3 chucks

		mm		
05057676001	$\frac{1}{4}$ "	75	3"	$\frac{1}{4}$ "

Rapidaptor Bit Holders

For rapid bit changes

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

899/4/1 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 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

	mm	mm	mm	mm	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

	mm	mm	mm	mm	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

	mm	mm	mm	mm	mm
05052504001	1/4"	100	4"	1/4"	15,0

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

		 mm	 mm		 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

		 mm	 mm		 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

					
	1/4"	51	2"	1/4"	14,3
05053522001					






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

					
	1/4"	75	3"	1/4"	14,3
05053520001					






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

					
	1/4"	52	2"	1/4"	14,3
05053872001					






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

					
	1/4"	77	3"	1/4"	14,3
05053870001					

Universal Bit Holder with Retaining Ring

Proven, secure hold in series manufacturing applications






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
05052575001	1/4"	57	2 1/4"	1/4"	11,1

Universal Bit Holders with Stainless Steel Sleeve

Strong magnet for secure hold






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

		 mm	 mm		 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

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	 3"		 mm
05053175001	1/4"	75	3"	1/4"	10,5

Adaptors

870/1 Adaptor



Application: Nut spinner sockets
Drive: 1/4" external hexagon
Output: 1/4" external square

	mm			
0513600001 ¹⁾	1/4"	25	1"	1/4"

¹⁾ With friction ball; for manual nut spinner sockets

870/2 Adaptor



Application: Nut spinner sockets
Drive: External hexagon
Output: External square

	mm			
05136001001 ¹⁾	3/8"	30	1 3/16"	5/16"
05136002001 ¹⁾	1/2"	35	1 3/8"	5/16"

¹⁾ 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 ¹⁾	1/4"	50	2"	1/4"

¹⁾ With friction ball; for manual nut spinner sockets

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"

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"

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

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

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

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 hexagon insert bits and Wera Series 1

Drive: 1/4" female square

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

05042655001	780 B/1	1/4"	30	1 3/16"	3/8"
05344511001 ¹⁾	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 ¹⁾	780 B/2-S	5/16"	30	1 3/16"	3/8"

¹⁾ 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

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"



Torque Tools



Series 7400
Adjustable Torque Screwdrivers

70



Series 7400
Pre-set, Adjustable Torque
Screwdrivers

76



Series Click-Torque Wrenches

82

Wera Werkzeuge GmbH – Calibration competence in our own laboratory in Wuppertal



Comprehensive range of services: calibration, adjustment, repair and certification of Wera torque tools.



All Wera torque tools are produced, adjusted, calibrated and certified under strict quality conditions. On request, Wera can also issue a calibration certificate according to DAkkS guidelines in cooperation with an accredited specialist laboratory.

The Wera Torque Service offers you excellent and affordable service packages with short delivery times and will be happy to answer your questions about your torque tool.



Production plant, Wera Werk, Rystřice



Factory calibration.



Personal contact and competent advice.

Torque Tools

Wera's torque tools offer torque-controlled screw tightening so as to avoid damage to the screw or work-piece 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.

All Wera torque tools manufactured according to DIN EN ISO 6789 are supplied with a Declaration of conformity. 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.



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 70.

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 76.



Series Click-Torque wrenches

Suitable for controlled tightening using sockets and bits.

See page 82.

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.

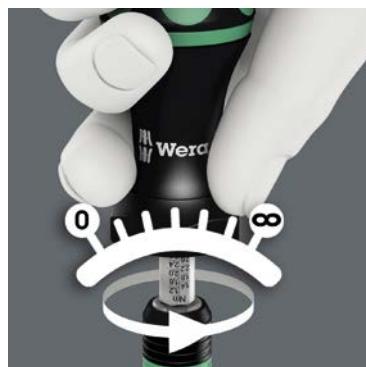


Measurement accuracy is $\pm 6\%$ in accordance with the standard DIN EN ISO 6789. Distinctly audible and noticeable excess-load signal when the pre-set torque is reached.

All Wera torque screwdrivers manufactured according to DIN EN ISO 6789 are supplied with a Declaration of conformity. 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.



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.



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.

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. Reliable slipping mechanism and acoustic signal when reaching the set torque.

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

	Art.No.	mm	1/4"	Nm	Nm	mm	mm
05074770001 ¹⁾	7430	89	1/4"	0,10-0,34	0,015	142	5 7/16"
05074772001 ¹⁾	7431	89	1/4"	0,30-1,00	0,05	142	5 7/16"
05074774001 ¹⁾	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"

¹⁾ 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. Reliable slipping mechanism and acoustic signal when reaching the set torque.

Handle: Kraftform pistol grip, multi-component

	Art.No.	1/4"	Nm	Nm	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"

Series 7400 Krafftform 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

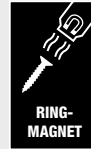
Accuracy: ±6 % (DIN EN ISO 6789). Numerical torque value scale. Reliable slipping mechanism and acoustic signal when reaching the set torque.

Handle: Krafftform with non-roll feature, multi-component

	Art.No.	mm				mm	
			Nm	Nm			
05074780001 ¹⁾	7430 ESD	89	1/4"	0,10-0,34	0,015	142	5 7/16"
05074782001 ¹⁾	7431 ESD	89	1/4"	0,30-1,00	0,05	142	5 7/16"
05074784001 ¹⁾	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"

¹⁾ With attachable magnifying glass, dramatically improving visibility.

Tip



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.

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. Reliable slipping mechanism and acoustic signal when reaching the set torque.
- Handle:** Kraftform pistol grip, multi-component

	Art.No.						
		in. lbs.	in. lbs.	mm	mm	mm	
05074712001	7447	1/4"	25,0-55,0	2,5	150	100	4"
							1

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. Reliable slipping mechanism and acoustic signal when reaching the set torque.
- Handle:** Kraftform with non-roll feature, multi-component

	Art.No.					
		in. lbs.	in. lbs.	mm	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. Reliable slipping mechanism and acoustic signal when reaching the set torque.
- Handle:** Kraftform with non-roll feature, multi-component

	Art.No.					
		in. lbs.	in. lbs.	mm	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

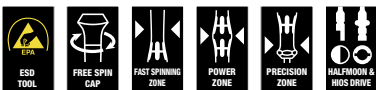
Accuracy: ±6 % (DIN EN ISO 6789). Numerical torque value scale. Reliable slipping mechanism and acoustic signal when reaching the set torque.

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

	Art.No.	mm	Nm	Nm	mm	mm
05074786001 ¹⁾	7435 ESD	89	0,10-0,34	0,015	142	5 7/16"
05074788001 ¹⁾	7436 ESD	89	0,30-1,00	0,05	142	5 7/16"

¹⁾ 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 %. Numerical torque value scale. Reliable slipping mechanism and acoustic signal when reaching the set torque.

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

	Art.No.	Nm	Nm	mm	mm
05074802001 ¹⁾	1430 ESD	0,02-0,06	0,0025	141	5 7/16"
05074804001 ¹⁾	1431 ESD	0,05-0,11	0,005	141	5 7/16"

¹⁾ 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.

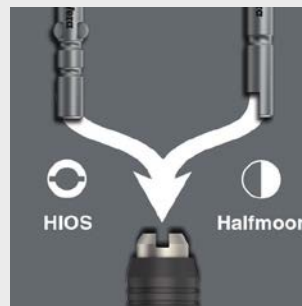
Why does Wera manufacture adjustable Kraftform torque screwdrivers?



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.

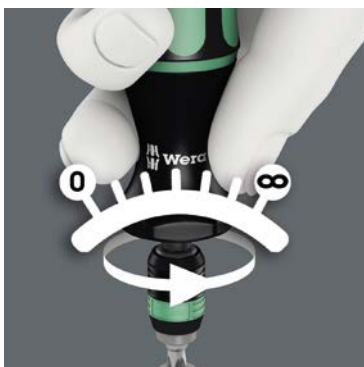
For Halfmoon and HIOS Bits



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.

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 screwdrivers manufactured according to DIN EN ISO 6789 are supplied with a Declaration of conformity. 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.

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

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: 0.1 Nm, 0.3 Nm, 0.9 Nm, 1.2 Nm

Accuracy: ±6% (DIN EN ISO 6789). Reliable slipping mechanism and acoustic signal when reaching the set torque.

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

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). Reliable slipping mechanism and acoustic signal when reaching the set torque.

Handle: Kraftform pistol grip, multi-component

	Art.No.	mm	mm	Nm	Nm	mm	mm
05074790001	7450	89	1/4"	0,1	0,1-0,34	133	5 1/4"
05074790010 ¹⁾	7450	89	1/4"	0,1	0,1-0,34	133	5 1/4"
05074792001	7451	89	1/4"	0,3	0,3-1,0	133	5 1/4"
05074792010 ¹⁾	7451	89	1/4"	0,3	0,3-1,0	133	5 1/4"
05074794001	7452	89	1/4"	0,9	0,9-1,5	133	5 1/4"
05074794010 ¹⁾	7452	89	1/4"	0,9	0,9-1,5	133	5 1/4"
05074715001	7460	105	1/4"	0,3	0,3-1,2	155	6"
05074715010 ¹⁾	7460	105	1/4"	0,3	0,3-1,2	155	6"
05074716001	7461	105	1/4"	1,2	1,2-3,0	155	6"
05074716010 ¹⁾	7461	105	1/4"	1,2	1,2-3,0	155	6"

	Art.No.	mm	Nm	Nm	mm	mm	mm	mm
05074717001	7462	1/4"	3,0	3,0-6,0	150	100	6"	4"
05074717010 ¹⁾	7462	1/4"	3,0	3,0-6,0	150	100	6"	4"
05074728001	7463	1/4"	4,0	4,0-8,8	150	100	6"	4"
05074728010 ¹⁾	7463	1/4"	4,0	4,0-8,8	150	100	6"	4"

¹⁾ Other pre-set values within the adjustable range can be delivered on request

¹⁾ Other pre-set values within the adjustable range can be delivered on request

Serie 7400 Kraffform 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). Reliable slipping mechanism and acoustic signal when reaching the set torque.
- Handle:** Kraffform with non-roll feature, multi-component

	Art.No.	mm	1/4"	Nm	Nm	mm	1/4"
05074820001	7450 ESD	89	1/4"	0,1	0,1-0,34	133	5 1/4"
05074820010 ¹⁾	7450 ESD	89	1/4"	0,1	0,1-0,34	133	5 1/4"
05074822001	7451 ESD	89	1/4"	0,3	0,3-1,0	133	5 1/4"
05074822010 ¹⁾	7451 ESD	89	1/4"	0,3	0,3-1,0	133	5 1/4"
05074824001	7452 ESD	89	1/4"	0,9	0,9-1,5	133	5 1/4"
05074824010 ¹⁾	7452 ESD	89	1/4"	0,9	0,9-1,5	133	5 1/4"
05074840001	7460 ESD	105	1/4"	0,3	0,3-1,2	155	6"
05074840010 ¹⁾	7460 ESD	105	1/4"	0,3	0,3-1,2	155	6"
05074842001	7461 ESD	105	1/4"	1,2	1,2-3,0	155	6"
05074842010 ¹⁾	7461 ESD	105	1/4"	1,2	1,2-3,0	155	6"

¹⁾ Other pre-set values within the adjustable range can be delivered on request

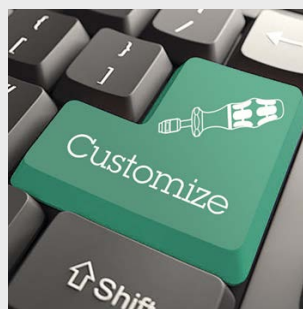
Tip

Why does Wera manufacture pre-set, adjustable Kraffform 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.

Customized pre-setting



The pre-set torque screwdrivers of the Kraffform 7400 series can be individually pre-set within the specified adjustable range.

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). Reliable slipping mechanism and acoustic signal when reaching the set torque.

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

	Art.No.					
		in. lbs.	in. lbs.	mm		
05074720001	7465	1/4"	2,5	2,5-11,5	155	6"
05074720010 ¹⁾	7465	1/4"	2,5	2,5-11,5	155	6"
05074722001	7466	1/4"	11,0	11,0-29,0	155	6"
05074722010 ¹⁾	7466	1/4"	11,0	11,0-29,0	155	6"

¹⁾ 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). Reliable slipping mechanism and acoustic signal when reaching the set torque.

Handle: Kraftform pistol grip, multi-component

	Art.No.							
		in. lbs.	in. lbs.	mm	mm			
05074721001	7467	1/4"	25,0	25,0-55,0	150	100	6"	4"
05074721010 ¹⁾	7467	1/4"	25,0	25,0-55,0	150	100	6"	4"

¹⁾ 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 Serie 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). Reliable slipping mechanism and acoustic signal when reaching the set torque.
- Handle:** Kraffform with non-roll feature, multi-component

	Art.No.	mm	Nm	Nm	mm	mm
05074826001	7455 ESD	89	0,015	0,1-0,34	138	5 1/4"
05074826010 ¹⁾	7455 ESD	89	0,015	0,1-0,34	138	5 1/4"
05074828001	7456 ESD	89	0,035	0,3-1,0	138	5 1/4"
05074828010 ¹⁾	7456 ESD	89	0,035	0,3-1,0	138	5 1/4"

¹⁾ 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 Serie 21)
- Design:** With quick-release chuck for rapid bit change
- Pre-set torque:** 0.035 Nm, 0.05 Nm
- Accuracy:** ± 10%. Reliable slipping mechanism and acoustic signal when reaching the set torque.
- Handle:** Kraffform Micro with non-roll feature and rotating cap, multi-component

	Art.No.	Nm	Nm	mm	mm
05074800001	1460 ESD	0,035	0,02-0,06	131	5 1/4"
05074800010 ¹⁾	1460 ESD	0,035	0,02-0,06	131	5 1/4"
05074810001	1461 ESD	0,050	0,05-0,11	131	5 1/4"
05074810010 ¹⁾	1461 ESD	0,050	0,05-0,11	131	5 1/4"

¹⁾ Other pre-set values within the adjustable range can be delivered on request

Tip

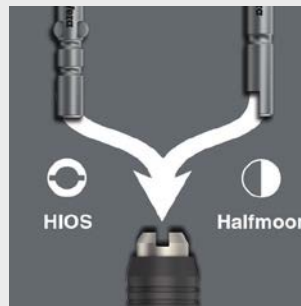


ESD-safe tools



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.

Customized pre-setting



The pre-set torque screwdrivers of the Kraffform 7400 series can be individually pre-set within the specified adjustable range.

Click-Torque Wrench Series

We wanted working with torque wrenches to be simple and accurate – which is why we developed the Click-Torque wrenches.

With the ability to set and save the default values and with the unmistakable, robust Wera design, these torque wrenches are the ideal tools for all bolting applications that require torque-controlled tightening.



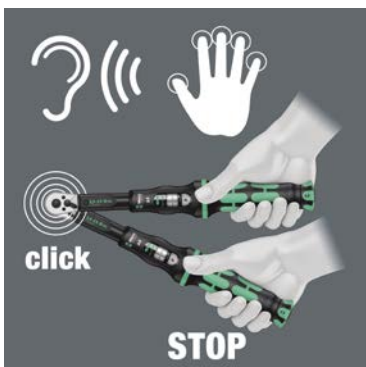
Precise to $\pm 3\%$ (resp. $\pm 4\%$) as per DIN EN ISO 6789-1:2017-07.



Easy setting and saving of the desired torque value; readable on the main and fine scales.



With audible and tactile clicks when adjusting the scale values.



When the set torque value is reached, an audible and tactile mechanism triggers.



Very robust design with reversible ratchet (45 teeth) or for insert tools (9x12 mm or 14x18 mm) and ergonomic 2-component handle.



The reversible Click-Torque wrenches are for right-handed use.



The Click-Torque wrenches are available for clockwise torque-controlled tightening with a reversible ratchet ($\frac{1}{4}$ " , $\frac{3}{8}$ " , $\frac{1}{2}$ " and $\frac{3}{4}$ " drive) for torque ranges from 2.5 Nm to 1000 Nm.

All Wera Click-Torque wrenches manufactured according to DIN EN ISO 6789 are supplied with a Declaration of conformity. 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.

Series Click-Torque

Adjustable torque wrenches

Click-Torque A 5 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 4% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With 1/4" square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

05075604001	1/4" 2,5-25 0,10 1-18 290 121 42 25 11,5 11 27/64" 4 49/64" 1 21/32" 1" 7/16"	

Click-Torque A 6 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 4% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With 1/4" hex drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

05075605001	1/4" 2,5-25 0,10 1-18 290 121 42 25 11,5 11 27/64" 4 49/64" 1 21/32" 1" 7/16"	



Series Click-Torque

Adjustable torque wrenches

Click-Torque B 1 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 3% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With $\frac{3}{8}$ " square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075610001	$\frac{3}{8}$ "	10-50	0,25	8-36	360	140	47	35	16,5	14 $\frac{11}{64}$ "	5 $\frac{33}{64}$ "	1 $\frac{27}{32}$ "	1 $\frac{3}{8}$ "	$\frac{5}{8}$ "

Click-Torque B 2 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 3% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With $\frac{3}{8}$ " square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075611001	$\frac{3}{8}$ "	20-100	0,5	15-73	405	140	47	43	18,5	15 $\frac{15}{16}$ "	5 $\frac{33}{64}$ "	1 $\frac{27}{32}$ "	1 $\frac{11}{16}$ "	$\frac{45}{64}$ "

Click-Torque C 1 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 3% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With 1/2" square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075620001	1/2"	10-50	0,25	8-36	360	140	47	35	16,5	14 11/64"	5 33/64"	1 27/32"	1 3/8"	5/8"

Click-Torque C 2 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 3% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With 1/2" square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075621001	1/2"	20-100	0,5	15-73	405	140	47	43	18,5	15 15/16"	5 33/64"	1 27/32"	1 11/16"	45/64"

Series Click-Torque

Adjustable torque wrenches

Click-Torque C 3 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 3% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With 1/2" square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

05075622001	1/2"	40-200	1,0	30-146	510	140	47	43	18,5	20 5/64"	5 33/64"	1 27/32"	1 11/16"	45/64"

Click-Torque C 4 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: ± 3% of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With 1/2" square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

05075623001	1/2"	60-300	1,0	45-220	595	140	47	43	18,5	23 27/64"	5 33/64"	1 27/32"	1 11/16"	45/64"

Click-Torque C 5 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: Accuracy $\pm 3\%$ of set value, as per DIN EN ISO 6789-1: 2017-07; application range with up to max. 400 Nm above standard
DIN EN ISO 6789-1: 2017-07 (maximum value: 340 Nm)

Design: With $1/2$ " square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075624001	$1/2$ "	80-400	1,0	60-295	680	140	47	43	18,5	26 ⁴⁹ / ₆₄ "	5 ³³ / ₆₄ "	1 ²⁷ / ₃₂ "	1 ¹¹ / ₁₆ "	$45/64$ "	

[†] available from January 2019

Click-Torque E 1 torque wrench with reversible ratchet



Application: For clockwise torque-control

Precision: $\pm 3\%$ of set value, as per DIN EN ISO 6789-1: 2017-07

Design: With $3/4$ " square drive, reversible ratchet, 45 teeth; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached (fine scale only in Newton meters), audible and tactile release mechanism when the set torque value is reached

Handle: Ergonomic 2-component handle

		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075630001	$3/4$ "	200-1000	1,0	148-737	1250	140	47	63	30	49 ⁷ / ₃₂ "	5 ³³ / ₆₄ "	1 ²⁷ / ₃₂ "	2 ³¹ / ₆₄ "	1 ³ / ₁₆ "	

[†] available from January 2019



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.



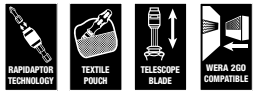
The tools can be stored and carried either in a solid plastic case or a robust pouch. In this way the tool is always to hand.



Kraftform Kompakt 25, 26

Telescopic blade models

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		
	889/4 R	1 x 1/4"x100
	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

Tip

Telescopic blade, integrated bit magazine, Rapidaptor technology

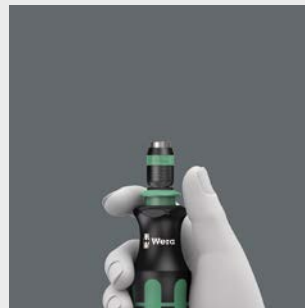


The sets in the series Kraffform Kompakt 20 are really something. A 2 position telescopic blade can be retracted into the handle for confined space operation or extended for more reach. It can also be removed and used as a 100mm bit holder in the power tool. Six bits are conveniently integrated into 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.

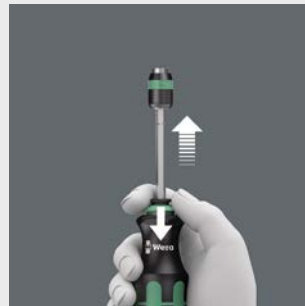


The telescopic blade

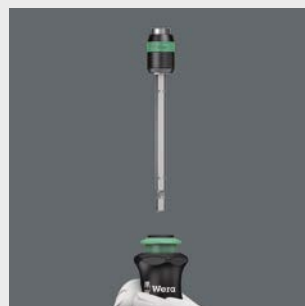


When the unique telescopic blade is lowered into the handle, fast, easy screw-driving action is possible, even in the tightest spots!

By pushing the clamping sleeve, the telescopic blade can be extended out of the handle and the compact tool becomes a full-sized screwdriver.



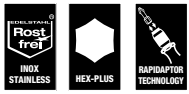
If the clamping sleeve is pushed again the telescopic blade can be taken out of the handle, and be used as a machine bit adaptor.



Kraftform Kompakt 60, 62

Bits of 89 mm in length

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		
●	3816 R	1 x 1/4"x119
⊕	3851/4	1 x PH 1x89; 1 x PH 2x89; 1 x PH 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 3/32"x89; 1 x 1/8"x89; 1 x 5/32"x89; 1 x 3/16"x89
◻	3868/4 Square-Plus	1 x # 1x89; 1 x # 2x89; 1 x # 3x89

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 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

Tip

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 one 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.



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 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





SCHMIDLER
Produktion

Kraftform Kompakt 70
Code No. 001118

Größe	Material	Spitzen
Ø 6		
Ø 8		
Ø 10		
Ø 12		
Ø 14		
Ø 16		
Ø 18		
Ø 20		
Ø 22		
Ø 24		
Ø 26		
Ø 28		
Ø 30		
Ø 32		
Ø 36		
Ø 40		
Ø 45		
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Ø 130		
Ø 140		
Ø 150		
Ø 160		
Ø 180		
Ø 200		

Meta
5 R
1052

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 an 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 ¹⁾ ; 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⁾ Regular hexagon



Zyklop Mini

For confined spaces

Tool-Check PLUS



28 bits, 1 hand holder 813 suitable for the attachment of bits with 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 (1/4" hexagon to 1/4" square), 7 sockets (1/4"); 1 Wera Bit Ratchet, drop-forged full steel design suitable for the attachment of bits with 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 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 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
○	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
●	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 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 (1/4" hexagon to 1/4" square), 7 sockets (1/4"); 1 Wera Bit Ratchet, drop-forged full steel design suitable for the attachment of bits with 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 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 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
○	840/1 Z 1 x 3/32"x25; 1 x 1/8"x25; 1 x 5/32"x25; Hex-Plus 1 x 3/16"x25; 1 x 5/16"x25
○	868/1 V 1 x # 1x25; 3 x # 2x25; 1 x # 3x25



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

Tip

Zyklop Mini 1 ratchet



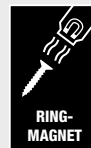
The fine tooth mechanism, with its 60 teeth, allows a small return angle of only 6° – ideal for precision work.



Thumbwheel enables rapid screw-driving, even when there isn't sufficient room for ratcheting use.



Simple switching between left/right operations.



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.

Kraftform Kompakt Vario

With Ratchet Function

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		
⊙	816 RA	1 x 1/4"x142,0
⊕	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 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 Pistol RA 4



13-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, 6 bits of 25 mm in length suitable for holders as per DIN ISO 1173-D 6.3 and 6 bits of 89 mm in length suitable for holders as per DIN ISO 1173-F 6.3

Holster

05051031001	
	814 RA 1 x 1/4"
+	851/1 BTZ PH 1 x PH 1x25; 1 x PH 2x25
+	855/1 BTZ PZ 1 x PZ 1x25; 1 x PZ 2x25
+	867/1 TORX® 1 x TX 20x25; 1 x TX 25x25 BTZ
+	851/4 Z PH 1 x PH 1x89; 1 x PH 2x89
+	855/4 Z PZ 1 x PZ 1x89; 1 x PZ 2x89
+	867/4 Z TORX® 1 x TX 20x89; 1 x TX 25x89

Tip

Fine-tooth design



Fine action 44 tooth system for precision work. Great time savings when screwdriving.

Reverse direction switch



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.

ESD Series

ESD-safe tools

Kraftform Kompakt Micro 21 ESD 1



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

05135973001	
1013	1 x 97
Kraftform Micro ESD	
851/9 C	1 x PH 000x44 ¹⁾ ; 1 x PH 00x44 ¹⁾ ; 1 x PH 0x44 ²⁾
867/9 C	1 x TX 1x44; 1 x TX 2x44; 1 x TX 3x44; TORX® 1 x TX 4x44; 1 x TX 5x44
867/9 C TORX PLUS®	1 x 1 IPx44; 1 x 2 IPx44; 1 x 3 IPx44; 1 x 4 IPx44
867/9 IPR TORX® PLUS	1 x 1 IPRx44
872/9	1 x mx44; 1 x 00x44; 1 x Fx44; 1 x 0x44
800/9 C	1 x 0,23x1,5x44; 1 x 0,35x2,5x44
869/9	1 x 2,5x44,0

¹⁾ Optimised for Asian PH screws

²⁾ Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)

Kraftform Kompakt Micro 20 ESD 1



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

05073671001	
1013	1 x 97
Kraftform Micro ESD	
851/9 C	1 x PH 00x44 ¹⁾ ; 1 x PH 0x44 ²⁾ ; 1 x PH 1x44 ¹⁾
867/9 C	1 x TX 1x44; 1 x TX 2x44; 1 x TX 3x44; TORX® 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
867/9 IPR TORX® PLUS	1 x 1 IPRx44

¹⁾ Optimised for Asian PH screws

²⁾ Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)

Kraftform Kompakt Micro 11 ESD 1



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

05073670001		
	1013 Kraftform Micro ESD	1 x 97
	851/9 C	1 x PH 00x44 ¹⁾ ; 1 x PH 0x44 ²⁾ ; 1 x PH 1x44 ¹⁾
	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

¹⁾ Optimised for Asian PH screws

²⁾ Size 0 modified according to JCIS 0 (Japanese Camera Industrial Standard)

Tip

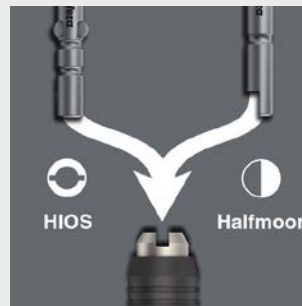


ESD-safe tools



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 Kraftform Micro bitholder 1013 ESD features a combination bitholder for both bits with Halfmoon and bits with HIOS drive.



L-Keys



L-Keys for Hexagon Socket Screws

112



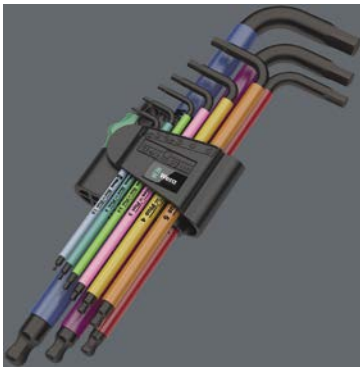
L-Keys for TORX® Screws

118

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.



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.

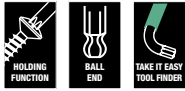


Hexagon screws can endure a problem because the contact surfaces delivering the power from the conventional tool, is transferred to the screw via very small surface areas. The consequence: the screw can become damaged (rounding out). Hex-Plus tools have a greater contact surface that prevents this from happening! At the same time, as much as 20 % more torque can be applied. Good to know: Hex-Plus tools fit into every standard hexagon socket screw!

L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

950/9 Hex-Plus Multicolour HF 1 L-key set, metric, BlackLaser, with holding function



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, holding function for hexagon socket screws, sizes: 1.5, 2.0 and 2.5 without holding function

05022210001	
	950 SPKL Multicolour 1 x 1,5x90; 1 x 2,0x101; 1 x 2,5x112
	950 SPKL HF Multicolour 1 x 3,0x123; 1 x 4,0x137; 1 x 5,0x154; 1 x 6,0x172; 1 x 8,0x195; 1 x 10,0x224

950/9 Hex-Plus Multicolour 1 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	
	950 SPKL Multicolour 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

950/9 Hex-Plus Multicolour Imperial 1 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

950/9 Hex-Plus 1 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	
○	950 PKL 1 x 1,5x90 ¹⁾ ; 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

¹⁾ Regular hexagon

950/9 Hex-Plus 6 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	
○	950 PKL BM 1 x 1,5x90 ¹⁾ ; 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

¹⁾ Regular hexagon

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).



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.



Holding function on long arm

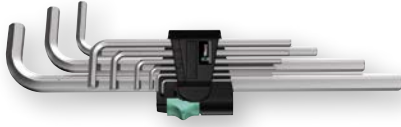


The clamping of the screw is achieved by a flexible locking ball. The holding function is especially helpful in confined, hard-to-reach spaces, where there is no room for a second hand to secure the screw.

L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

950/9 Hex-Plus 2 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 ¹⁾ ; 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

¹⁾ Regular hexagon

950/13 Hex-Plus Imperial 1 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	
○	950 PKL inch 1 x 0,05"x83 ¹⁾ ; 1 x 1/16"x91 ¹⁾ ; 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

¹⁾ Regular hexagon

950/9 Hex-Plus Imperial 1 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	
○	950 PKL inch 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 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

	⊙	L ₁	L ₂	L ₃	L ₄
	mm	mm	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

	⊙	L ₁	L ₂	L ₃	L ₄
	mm	mm	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"

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! At the same time, as

much as 20 % more torque can be applied. Good to know: Hex-Plus tools fit into every standard hexagon socket screw!

L-Keys for Hexagon Socket Screws

The Hex-Plus profile extends the service life of hexagon socket screws

950 PKL L-key, metric, chrome-plated



Application: Hexagon socket screws

Design: Chrome-plated

Tip: Hex-Plus, ball-end hexagon on long arm

	⊙ mm	L mm	L ₁ mm	L ₂ mm	L ₃ mm
05022050001 ¹⁾	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 1/16"	1 9/16"
05022067001	12,0	248	45	10"	1 3/4"

¹⁾ Regular hexagon

950 PKL L-key, imperial, BlackLaser



Application: Hexagon socket screws

Design: BlackLaser surface

Tip: Hex-Plus, ball-end hexagon on long arm

	⊙ mm	L mm	L ₁ mm	L ₂ mm	L ₃ mm
05022079001 ¹⁾	0,05"	83	14	3 1/4"	9/16"
05022081001 ¹⁾	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"

¹⁾ 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

	⊙ mm	L mm	L ₁ mm	L ₂ mm	L ₃ mm
05027101001 ¹⁾	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 1/16"	1 9/16"
05027111001	12,0	248	45	10"	1 3/4"

¹⁾ 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 mm	L ₁ mm	L ₂ mm	L ₃ mm
05022040001 ¹⁾	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"

¹⁾ 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

	⊙	L	L	L	L
	mm	mm	mm	"	"
05133150001 ¹⁾	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"

¹⁾ Regular hexagon

950 BM L-key, metric, BlackLaser



Application: Hexagon socket screws

Design: BlackLaser surface

Tip: Hex-Plus

	⊙	L	L	L	L
	mm	mm	mm	"	"
05027201001 ¹⁾	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"

¹⁾ Regular hexagon.

950 L-key, metric, chrome-plated



Application: Hexagon socket screws

Design: Chrome-plated

Tip: Hex-Plus

	⊙	L	L	L	L
	mm	mm	mm	"	"
05021005001 ¹⁾	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 ¹⁾	14,0	140	56	5 1/2"	2 7/32"
05021090001 ¹⁾	17,0	160	63	6 5/16"	2 1/2"
05021095001 ¹⁾	19,0	180	70	7 1/16"	2 3/4"
05021100001 ¹⁾	22,0	200	80	8"	3 1/8"
05021105001 ¹⁾	24,0	224	90	9"	3 1/2"
05021110001 ¹⁾	27,0	250	100	10"	4"

¹⁾ Regular hexagon.

950 L-key, metric, chrome-plated



Application: Hexagon socket screws

Design: Chrome-plated

Tip: Hex-Plus

	⊙	L	L	L	L
	mm	mm	mm	"	"
05021600001 ¹⁾	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"

¹⁾ Regular hexagon

L-Keys for TORX® Screws

Powerful, ergonomic, long service life

967/9 TX XL Multicolour HF 1 L-key set with holding function, long



9-piece set in a two-component clip

Application: TORX® socket screws

Blade: Zinc-phosphated, 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.

Design: Holding function for TORX® screws made according to Acument Intellectual Properties specifications

05024470001		
	♻️	967 SXL 1 x TX 8x90; 1 x TX 9x101; 1 x TX 10x112;
		HF TORX® 1 x TX 15x123; 1 x TX 20x137; 1 x TX 25x154;
		Multicolour 1 x TX 27x172; 1 x TX 30x195; 1 x TX 40x224

967/9 TX Multicolour HF 1 L-key set with holding function



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, 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.

05024179001		
	♻️	967 SL 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

967/9 TX XL HF 1 L-key set with holding function, long



9-piece set in a two-component clip

Application: TORX® socket screws

Blade: Zinc-phosphated

Design: Holding function for TORX® screws made according to Acument Intellectual Properties specifications

05024450001		
	♻️	967 XL HF 1 x TX 8x90; 1 x TX 9x101; 1 x TX 10x112;
		TORX® 1 x TX 15x123; 1 x TX 20x137; 1 x TX 25x154;
		1 x TX 27x172; 1 x TX 30x195; 1 x TX 40x224

967/9 TX HF 1 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

967/9 TX XL Multicolour 1 Multicolour L-key set for TORX® screws, long



9-piece set in a two-component clip

Application: TORX® socket screws

Design: Zinc-phosphated, 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, TX 8, TX 9, TX 10: without ball-end at the long arm

0502448001	
	967 SXL 1 x TX 8x90; 1 x TX 9x101; 1 x TX 10x112 TORX® Multicolour
	967 SPKXL 1 x TX 15x123; 1 x TX 20x137; 1 x TX 25x154; TORX® 1 x TX 27x172; 1 x TX 30x195; 1 x TX 40x224 Multicolour

967/9 TX BO Multicolour 1 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 ¹⁾ ; 1 x TX 9x79 ¹⁾ ; 1 x TX 10x85 ²⁾ ; 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

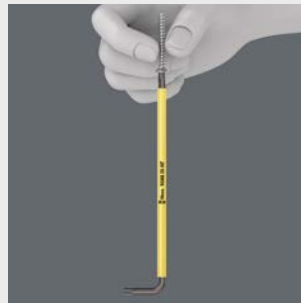
¹⁾ Product without bore hole at the short and without ball-end at the long arm.

²⁾ Product without ball-end at the long arm.

Tip



The HF profile

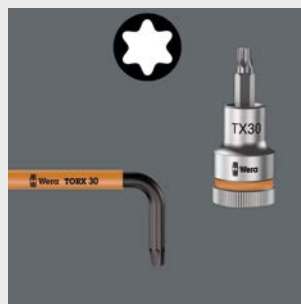


In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are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

L-Keys for TORX® Screws

Powerful, ergonomic, long service life

967 SXL HF TORX® L-key Multicolour with holding function, long



Application: TORX® socket screws

Design: Zinc-phosphated, 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: Holding function for TORX® screws made according to Acument Intellectual Properties specifications

		L', mm	L, mm	L', "	L, "
05024471001	TX 8	90	16	3 1/2"	5/8"
05024472001	TX 9	101	16	4"	5/8"
05024473001	TX 10	112	19	4 7/16"	3/4"
05024474001	TX 15	123	21	4 7/8"	27/32"
05024475001	TX 20	137	24	5 3/8"	1"
05024476001	TX 25	154	27	6 1/16"	1 1/16"
05024477001	TX 27	172	31	6 3/4"	1 1/4"
05024478001	TX 30	195	37	7 11/16"	1 7/16"
05024479001	TX 40	224	42	9"	1 11/16"

967 SPKXL TORX® L-key Multicolour, long



Application: TORX® socket screws

Design: Zinc-phosphated, 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

		L', mm	L, mm	L', "	L, "
05024484001	TX 15	123	21	4 7/8"	27/32"
05024485001	TX 20	137	24	5 3/8"	1"
05024486001	TX 25	154	27	6 1/16"	1 1/16"
05024487001	TX 27	172	31	6 3/4"	1 1/4"
05024488001	TX 30	195	37	7 11/16"	1 7/16"
05024489001	TX 40	224	42	9"	1 11/16"

967 SL TORX® HF L-key Multicolour with holding function



Application: TORX® socket screws

Blade: Round

Design: Holding function for TORX® screws made according to Acument Intellectual Properties specifications, 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.

		L', mm	L, mm	L', "	L, "
05024170001	TX 8	76	16	3"	5/8"
05024171001	TX 9	79	16	3 1/8"	5/8"
05024172001	TX 10	85	17	3 1/4"	21/32"
05024173001	TX 15	90	18	3 1/2"	23/32"
05024174001	TX 20	96	19	3 3/4"	3/4"
05024175001	TX 25	104	21	4 1/8"	27/32"
05024176001	TX 27	112	22	4 7/16"	29/32"
05024177001	TX 30	122	24	4 13/16"	1"
05024178001	TX 40	132	27	5 3/16"	1 1/16"

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

		L', mm	L, mm	L', "	L, "
05024350001 ¹⁾	TX 8	76	16	3"	5/8"
05024351001 ¹⁾	TX 9	79	16	3 1/8"	5/8"
05024352001 ²⁾	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"

¹⁾ Product without bore hole at the short and without ball-end at the long arm.

²⁾ Product without ball-end at the long arm.

967 SXL TORX® L-key Multicolour, long



Application: TORX® socket screws

Design: Zinc-phosphated, 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®

		mm	mm		
05024481001	TX 8	90	16	3 1/2"	5/8"
05024482001	TX 9	101	16	4"	5/8"
05024483001	TX 10	112	19	4 7/16"	3/4"

967 XL HF TORX® L-key with holding function, long



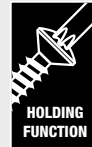
Application: TORX® socket screws

Design: Zinc-phosphated

Tip: Holding function for TORX® screws made according to Acument Intellectual Properties specifications

		mm	mm		
05024451001	TX 8	90	16	3 1/2"	5/8"
05024452001	TX 9	101	16	4"	5/8"
05024453001	TX 10	112	19	4 7/16"	3/4"
05024454001	TX 15	123	21	4 7/8"	27/32"
05024455001	TX 20	137	24	5 3/8"	1"
05024456001	TX 25	154	27	6 1/16"	1 1/16"
05024457001	TX 27	172	31	6 3/4"	1 1/4"
05024458001	TX 30	195	37	7 11/16"	1 7/16"
05024459001	TX 40	224	42	9"	1 11/16"

Tip



The HF profile

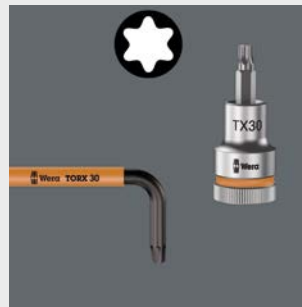


In tight assembly or disassembly situations, for example in engine compartments, it is not possible to securely hold the screw with the hand on the screwdriver, and the screw subsequently often gets lost. Lengthy searches or the loss of the screw (with the associated danger that could bring about) are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



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.



Ratchets

1/4", Zyklop Ratchets



Zyklop Speed

132



Zyklop Metal Push

134



Zyklop Metal Switch

135



Zyklop Accessories

136

3/8", Zyklop Ratchets



Zyklop Speed

144



Zyklop Metal Switch

146



Zyklop Accessories

148

1/2", Zyklop Ratchets



Zyklop Speed

156



Zyklop Metal Push

157



Zyklop Accessories

158

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.

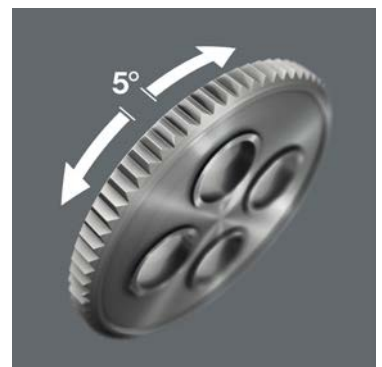
The Zyklop Speed ratchets are really fast movers. The gyrating mass design means that screwdriving is accelerated. The rotation-symmetric structure of the Kraftform handle and the free-turning sleeve reinforce this rapid twisting process, particularly when the ratchet does not engage due to too little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



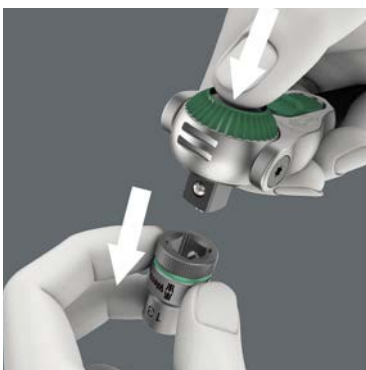
The outstanding design of the Kraftform handle fits perfectly into the hand, preventing hand injuries such as blisters and calluses. The hard materials used for the handle ensure quick and easy hand repositioning without any danger of the skin “sticking” to the handle, whilst the softer “anti-slip” zones 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.



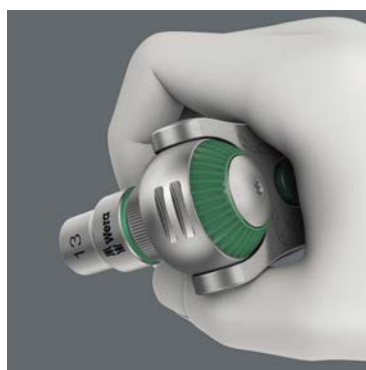
All Zyklop Speed ratchets feature a thumbwheel that can be used to quickly and easily switch between clockwise and anticlockwise rotation, at any position. No complicated handling, no loss of time!



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 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.

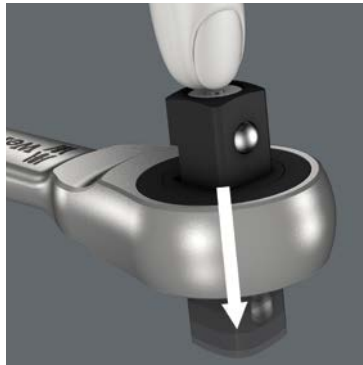


Forged, full metal ratchet (chrome-molybdenum) that is extremely robust with a long service life; slim design to enable work in very confined spaces.



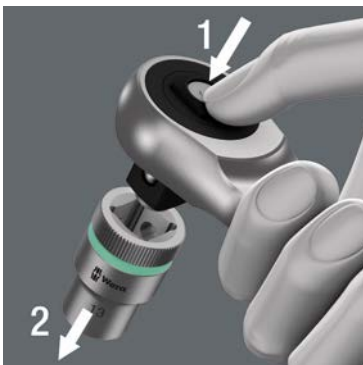
Zyklop Metal Push

Smooth push-through mechanism, that cannot get lost.



Zyklop Metal Push

The dual-ratchet-teeth design means that a 76 fine-toothing 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!



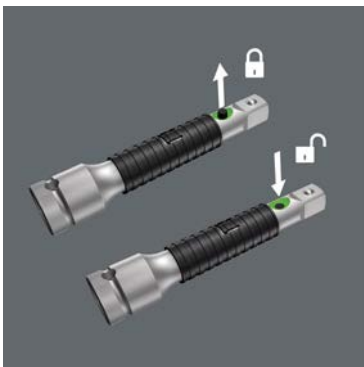
“Take it easy” tool finder system - with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX® 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 free-turning sleeve on the Zyklop Speed and the Zyklop extension effectively accelerates the turning of screws and nuts.



Typically Wera designed robust textile belt. A smooth Twist to Unlock mechanism ensures a secure fit and simple removal of the sockets. Includes a snap hook for secure fastening to a belt loop or pocket. Supplied with a non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system.



COCKPIT COWL CLOSED

1/4", Zyklop Ratchets



Zyklop Speed

132



Zyklop Metal Push

134



Zyklop Metal Switch

135



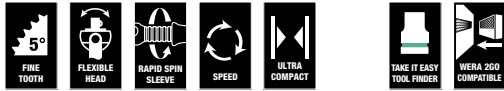
Zyklop Accessories

136

The Zyklop Speed Ratchets, 1/4"

Combine 5 types of ratchet

8100 SA All-in Zyklop Speed Ratchet Set, 1/4" drive, with holding function, metric

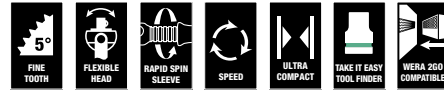


42-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the sockets.

1 Zyklop Speed Ratchet with 1/4" drive, 13 Zyklop sockets with 1/4" drive with fastener holding function, 9 Zyklop bit sockets for TORX® screws, with 1/4" drive, with holding function, 8 bit sockets for hexagon socket screws with 1/4" drive with holding function (sizes 2.0 and 2.5 without holding function) and Hex-Plus high torque geometry, 3 Zyklop bit sockets with 1/4" drive for Phillips screws, 3 Zyklop bit sockets with 1/4" drive for Pozidriv screws, 2 Zyklop bit sockets with 1/4" drive for slotted screws, Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected, 1 tool for the simple removal of nuts from sockets with holding function, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension.

05003755001		
⊙	8000 A	1 x 1/4"x152,0
⊙	8796 LA	1 x 1/4"x150,0
⊙	8794 A	1 x 1/4"x56,0
⊙	8790 HMA HF	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
⊕	8767 A HF	1 x TX 8x28,0; 1 x TX 9x28,0; 1 x TX 10x28,0; 1 x TX 15x28,0; 1 x TX 20x28,0; 1 x TX 25x28,0; 1 x TX 27x28,0; 1 x TX 30x28,0; 1 x TX 40x28,0
○	8740 A	1 x 2,0x28,0; 1 x 2,5x28,0
○	8740 A HF	1 x 3,0x28,0; 1 x 4,0x28,0; 1 x 5,0x28,0; 1 x 6,0x28,0; 1 x 7,0x28,0; 1 x 8,0x28,0
+	8751 A	1 x PH 1x28,0; 1 x PH 2x28,0; 1 x PH 3x28,0
+	8755 A	1 x PZ 1x28,0; 1 x PZ 2x28,0; 1 x PZ 3x28,0
⊖	8700 A FL	1 x 0,8x5,5x28,0; 1 x 1,2x6,5x28,0
	Nut Extractor	1 x 14,0x43,0

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

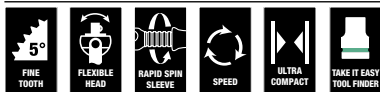


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

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

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 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

The Zyklop Metal Ratchets Switch, 1/4"

With switch lever

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

8100 SA 12 HF Zyklop Metal Ratchet Set with switch lever, 1/4" drive, metric



13-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 with 1/4" drive with fastener holding function, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 tool for the simple removal of nuts from sockets with holding function.

05003756001	
○	8004 A 1 x 1/4"x141,0
○	8794 LA 1 x 1/4"x150,0
○	8794 A 1 x 1/4"x56,0
●	8790 HMA HF 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
	Nut Extractor 1 x 14,0x43,0

Zyklop accessories, 1/4"

With amazing product benefits

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 and large socket to be easily located.

8790 HMA HF Zyklop socket with 1/4" 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. Take it easy toolfinder: Colour coding and large stamp 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

	mm	mm	mm	mm	mm
05003717001	4,0	23,0	7,0	11,0	6,5
05003718001	4,5	23,0	7,8	11,0	6,5
05003719001	5,0	23,0	8,9	11,0	6,5
05003720001	5,5	23,0	9,2	11,0	6,5
05003721001	6,0	23,0	10,5	11,0	6,5
05003722001	7,0	23,0	11,9	11,0	6,5
05003723001	8,0	23,0	12,9	11,0	6,5
05003724001	9,0	23,0	14,1	12,0	6,5
05003725001	10,0	23,0	15,6	12,5	10,0
05003726001	11,0	23,0	17,4	13,0	10,0
05003727001	12,0	23,0	18,4	14,0	10,0
05003728001	13,0	23,0	19,5	15,0	10,0
05003729001	14,0	23,0	20,8	16,0	10,0

Belt A 1 Zyklop socket set with holding function, 1/4" drive



10-piece; robust textile socket belt, including snap hook to enable secure fastening to a belt loop or pocket. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the sockets.

9 Zyklop sockets with 1/4" drive with fastener holding function. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected.
1 tool for the simple removal of nuts from 1/4" sockets with holding function.

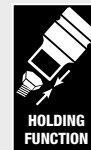
05003880001	
	8790 HMA HF 1 x 4,0x23,0; 1 x 4,5x23,0; 1 x 5,0x23,0; 1 x 5,5x23,0; 1 x 6,0x23,0; 1 x 7,0x23,0; 1 x 8,0x23,0; 1 x 10,0x23,0; 1 x 13,0x23,0
	Nut Extractor 1 x 14,0x43,0
	Belt A 0/9 1 x 39,0x238,0
	Hook and Loop Fastener Strip 30 1 x 30,0x200,0

Tip

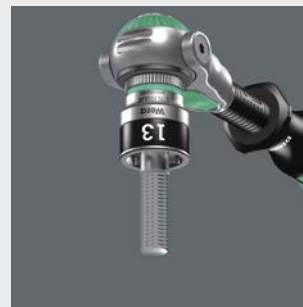
How to avoid the need for two socket sets – one for manual and one for machine operations



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.



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.

Zyklop accessories, 1/4"




With amazing product benefits

Belt A Imperial 1 Zyklop In-Hex-Plus bit socket set with holding function, 1/4" drive



9-piece; robust textile socket belt, including snap hook to enable secure fastening to a belt loop or pocket. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the sockets.

9 bit sockets for hexagon socket screws with 1/4" drive with holding function (sizes: 5/64", 3/32" and 7/64" without holding function) and Hex-Plus high torque geometry. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected.







	
05003884001	
	8740 A 1 x 5/64"x28,0; 1 x 3/32"x28,0; 1 x 7/64"x28,0
	8740 A HF 1 x 1/8"x28,0; 1 x 9/64"x28,0; 1 x 5/32"x28,0; 1 x 3/16"x28,0; 1 x 7/32"x28,0; 1 x 1/4"x28,0
	Belt A 0/8 1 x 39,0x220,0
	Hook and Loop Fastener Strip 30 1 x 30,0x200,0

8767 A HF TORX® Zyklop bit socket with holding function, 1/4" drive



Application: TORX® socket screws

Design: Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, bit sockets with all the advantages of the Wera bit technology, 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
05003360001	TX 8	28,0	12,0	12,5	11,0
05003361001	TX 9	28,0	12,0	12,5	11,0
05003362001	TX 10	28,0	12,0	12,5	11,0
05003363001	TX 15	28,0	12,0	12,5	11,0
05003364001	TX 20	28,0	12,0	12,5	11,0
05003365001	TX 25	28,0	12,0	12,5	11,0
05003366001	TX 25	100,0	12,0	12,5	83,0
05003367001	TX 27	28,0	12,0	12,5	11,0
05003368001	TX 27	100,0	12,0	12,5	83,0
05003369001	TX 30	28,0	12,0	12,5	11,0
05003370001	TX 30	100,0	12,0	12,5	83,0
05003371001	TX 40	28,0	12,0	12,5	11,0
05003372001	TX 40	100,0	12,0	12,5	83,0

Belt A 3 TORX® HF Zyklop bit-socket set with holding function, 1/4" drive



9-piece; robust textile socket belt, including snap hook to enable secure fastening to a belt loop or pocket. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the tool sockets.

9 Zyklop bit-sockets for TORX® screws, with 1/4" drive, with holding function. Take it easy tool finder: Colour coding to enable the desired bit-socket to be easily selected.

05003882001		
⊗	8767 A HF	1 x TX 8x28,0; 1 x TX 9x28,0; 1 x TX 10x28,0; 1 x TX 15x28,0; 1 x TX 20x28,0; 1 x TX 25x28,0; 1 x TX 27x28,0; 1 x TX 30x28,0; 1 x TX 40x28,0
	Belt A 0/9	1 x 39,0x238,0
	Hook and Loop Fastener Strip 30	1 x 30,0x200,0

8767 A TORX® HF 1 Zyklop bit socket set with holding function, 1/4" drive



4-piece set

Pouch with 100 mm bit sockets

4 Zyklop bit sockets for TORX® screws, with 1/4" drive, with holding function. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected.

05003375001		
⊗	8767 A HF	1 x TX 25x100,0; 1 x TX 27x100,0; 1 x TX 30x100,0; 1 x TX 40x100,0
	Hook and Loop Fastener Strip 70	1 x 50,0x70,0

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!

Extremely short



The bit sockets from Wera are characterized by a particularly short design. Ideal for working in tight spaces.

Wera bit technology



Due to their high-precision profile design and excellent concentricity properties, Wera bit sockets offer safe work and a long product life.

Zyklop accessories, 1/4"

With amazing product benefits

8740 A HF Zyklop bit socket with holding function, 1/4" drive



Application: Hexagon socket screws

Design: Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, bit sockets with all the advantages of the Wera bit technology, brushed chrome-plated finish, holding function for hexagon socket screws. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily located

		mm	mm	mm	mm	mm	mm
05003332001		3,0		28,0	12,0	12,5	11,0
05003333001		4,0		28,0	12,0	12,5	11,0
05003334001		4,0		100,0	12,0	12,5	83,0
05003335001		5,0		28,0	12,0	12,5	11,0
05003336001		5,0		100,0	12,0	12,5	83,0
05003337001		6,0		28,0	12,0	12,5	11,0
05003338001		6,0		100,0	12,0	12,5	83,0
05003341001		7,0		28,0	12,0	12,5	11,0
05003342001		7,0		100,0	12,0	12,5	83,0
05003339001		8,0		28,0	12,0	12,5	11,0
05003340001		8,0		100,0	12,0	12,5	83,0
05003383001			1/8"	28,0	12,0	12,5	11,0
05003384001			9/64"	28,0	12,0	12,5	11,0
05003385001			5/32"	28,0	12,0	12,5	11,0
05003386001			3/16"	28,0	12,0	12,5	11,0
05003387001			7/32"	28,0	12,0	12,5	11,0
05003388001			1/4"	28,0	12,0	12,5	11,0
05003389001			5/16"	28,0	12,0	12,5	11,0

8740 A Zyklop bit socket, with 1/4" drive



Application: Hexagon socket screws

Design: Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, bit sockets with all the advantages of the Wera bit technology, brushed chrome-plated finish. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily located

	mm	mm	mm	mm	mm	mm
05003330001	2,0		28,0	12,0	12,5	11,0
05003331001	2,5		28,0	12,0	12,5	11,0
05003380001		5/64"	28,0	12,0	12,5	11,0
05003381001		3/32"	28,0	12,0	12,5	11,0
05003382001		7/64"	28,0	12,0	12,5	11,0



8740 A HF 1 Zyklop bit socket set with holding function, 1/4" drive



5-piece set

Pouch with 100 mm bit sockets

5 Zyklop bit sockets for hexagon socket screws, with 1/4" drive, with holding function, Take it easy tool finder: Colour coding to enable the desired bit socket to be easily located.

	
05003345001	
	8740 A HF 1 x 4,0x100,0; 1 x 5,0x100,0; 1 x 6,0x100,0; 1 x 7,0x100,0; 1 x 8,0x100,0
	Hook and Loop Fastener Strip 70 1 x 50,0x70,0

Tip



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.

Comes with convenient snap hook



The robust textile belt can be secured to a belt loop or pocket by means of the snap hook.



Textile belt



The textile belt can be attached by means of the nonwoven reverse side and the hook and loop strips e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system.



3/8", Zyklop Ratchets



Zyklop Speed

144



Zyklop Metal Switch

146



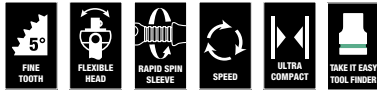
Zyklop Accessories

148

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

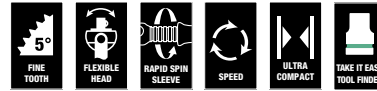


29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

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 Hex-Plus	1 x 4,0x50; 1 x 5,0x50; 1 x 6,0x50; 1 x 8,0x50
●	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 Hex-Plus	1 x 3/16"x50; 1 x 7/32"x50; 1 x 1/4"x50; 1 x 5/16"x50
●	800/4 Z	1 x 1,0x5,5x50



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.

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

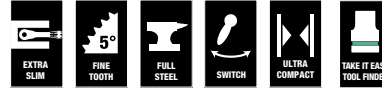


29-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

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

8100 SB HF 1 Zyklop Metal Ratchet Set with switch lever, $\frac{3}{8}$ " drive, with holding function, metric



13-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the sockets.

1 Zyklop Metal Ratchet with $\frac{3}{8}$ " drive, 9 Zyklop sockets with $\frac{3}{8}$ " drive with fastener holding function. Take it easy tool finder: Colour coding to enable the desired socket to be easily selected. 1 tool for the simple removal of nuts from sockets with holding function, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension

05003785001		
	8004 B	1 x $\frac{3}{8}$ "x222,0
	8790 HMB HF	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 16,0x29,0; 1 x 17,0x29,0; 1 x 18,0x29,0; 1 x 19,0x29,0
	8794 LB	1 x $\frac{3}{8}$ "x200,0
	8794 B	1 x $\frac{3}{8}$ "x76,0
	Nut Extractor	1 x 14,0x43,0

Tip

The Zyklop Metal Ratchets Switch



With switch lever. Extremely slim. Long leverage. Very robust without any torque limitation. Forged, full metal ratchet out of chrome molybdenum.



"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, $\frac{3}{8}$ "

With amazing product benefits

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.







8790 HMB HF Zyklop socket with $\frac{3}{8}$ " 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. Take it easy tool finder: Colour coding and large stamp 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	

						
	mm	mm	mm	mm	mm	mm
05003740001	6,0	29,0	10,5	17,5	6,5	
05003741001	7,0	29,0	11,2	17,5	6,5	
05003742001	8,0	29,0	12,2	17,5	6,5	
05003743001	9,0	29,0	13,7	17,5	6,5	
05003744001	10,0	29,0	15,0	17,5	8,0	
05003745001	11,0	29,0	16,2	17,5	9,5	
05003746001	12,0	29,0	17,0	17,5	9,5	
05003747001	13,0	29,0	18,4	19,5	9,5	
05003748001	14,0	29,0	19,5	21,5	12,5	
05003749001	15,0	29,0	21,0	23,5	12,5	
05003750001	16,0	29,0	22,2	23,5	12,5	
05003751001	17,0	29,0	24,0	23,5	12,5	
05003752001	18,0	29,0	24,5	23,5	12,5	
05003753001	19,0	29,0	26,0	23,5	12,5	

Belt B 1 Zyklop socket set with holding function, $\frac{3}{8}$ " drive



10-piece; robust textile socket belt, including snap hook to enable secure fastening to a belt loop or pocket. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the sockets.

9 Zyklop sockets with $\frac{3}{8}$ " drive with fastener holding function. Take it easy tool finder: Colour coding to enable the desired socket to be easily selected. 1 tool for the simple removal of nuts from sockets with holding function.

05003970001	
	8790 HMB HF 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 16,0x29,0; 1 x 17,0x29,0; 1 x 18,0x29,0; 1 x 19,0x29,0
	Nut Extractor 1 x 14,0x43,0
	Belt B 0/9 1 x 45,0x310,0
	Hook and Loop Fastener Strip 30 1 x 30,0x200,0

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.



Textile belt



The textile belt can be attached by means of the non-woven reverse side and the hook and loop strips e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system.



"Take it easy"

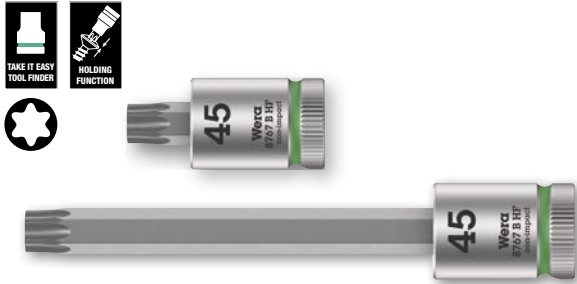


"Take it easy" tool finder system – with profile and size colour-coding for quick and easy tool selection. Colour-coded system for hexagon drive screws (L-Keys, Zyklop bit sockets), external hex drive screws and nuts (Joker wrenches, Zyklop sockets and Zyklop bit sockets with holding function), and TORX®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

Zyklop Accessories, $\frac{3}{8}$ "

With amazing product benefits

8767 B HF TORX® Zyklop bit socket with holding function, $\frac{3}{8}$ " drive



Application: TORX® socket screws

Design: Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, bit sockets with all the advantages of the Wera bit technology, 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	mm
05003059001		TX 10	35,0	12,0	17,5	9,0
05003060001		TX 15	35,0	12,0	17,5	9,0
05003061001		TX 20	35,0	12,0	17,5	9,0
05003062001		TX 25	35,0	12,0	17,5	9,0
05003063001		TX 25	107,0	12,0	17,5	81,0
05003064001		TX 27	35,0	12,0	17,5	9,0
05003065001		TX 27	107,0	12,0	17,5	81,0
05003066001		TX 30	35,0	12,0	17,5	9,0
05003067001		TX 30	107,0	12,0	17,5	81,0
05003068001		TX 40	35,0	12,0	17,5	9,0
05003069001		TX 40	107,0	12,0	17,5	81,0
05003070001		TX 45	38,5	12,0	17,5	12,5
05003071001		TX 45	100,0	12,0	17,5	74,5
05003072001		TX 50	38,5	12,0	17,5	12,5
05003073001		TX 50	100,0	12,0	17,5	74,5

Belt B 3 TORX® HF Zyklop bit socket set with holding function, $\frac{3}{8}$ " drive



9-piece; robust textile socket belt, including snap hook to enable secure fastening to a belt loop or pocket. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the tool sockets.

9 Zyklop bit sockets for TORX® screws, with $\frac{3}{8}$ " drive, with holding function. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected.

		mm	mm	mm	mm	mm
05003972001						
	8767 B HF	1 x TX 10x35,0; 1 x TX 15x35,0; 1 x TX 20x35,0; 1 x TX 25x35,0; 1 x TX 27x35,0; 1 x TX 30x35,0; 1 x TX 40x35,0; 1 x TX 45x38,5; 1 x TX 50x38,5				
	Belt B 0/9	1 x 45,0x310,0				
	Hook and Loop Fastener Strip 30	1 x 30,0x200,0				

8767 B TORX® HF 1 Zyklop bit socket set with holding function, $\frac{3}{8}$ " drive



6-piece set

Pouch with 100 mm/107 mm bit sockets

6 Zyklop bit sockets for TORX® screws, with $\frac{3}{8}$ " drive, with holding function. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected.

		mm	mm	mm	mm	mm
05003185001						
	8767 B HF	1 x TX 25x107,0; 1 x TX 27x107,0; 1 x TX 30x107,0; 1 x TX 40x107,0; 1 x TX 45x100,0; 1 x TX 50x100,0				

8740 B HF Zyklop bit socket with holding function, 3/8" drive



Application: Hexagon socket screws

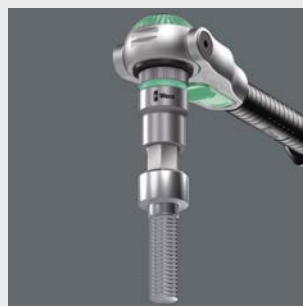
Design: Manual and (non-impact) machine applications, ball intercept ring, knurls at base for precision handling in manual operations, bit sockets with all the advantages of the Wera bit technology, brushed chrome-plated finish, holding function for hexagon socket screws. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily located.

	mm	mm	mm	mm	mm	mm
05003030001	3,0		35,0	12,0	17,5	9,0
05003031001	4,0		35,0	12,0	17,5	9,0
05003032001	4,0		107,0	12,0	17,5	81,0
05003033001	5,0		35,0	12,0	17,5	9,0
05003034001	5,0		107,0	12,0	17,5	81,0
05003035001	6,0		35,0	12,0	17,5	9,0
05003036001	6,0		107,0	12,0	17,5	81,0
05003037001	7,0		38,5	12,0	17,5	12,5
05003038001	7,0		100,0	12,0	17,5	74,5
05003039001	8,0		38,5	12,0	17,5	12,5
05003040001	8,0		100,0	12,0	17,5	74,5
05003041001	9,0		38,5	12,0	17,5	12,5
05003042001	9,0		100,0	12,0	17,5	74,5
05003043001	10,0		38,5	12,0	17,5	12,5
05003044001	10,0		100,0	12,0	17,5	74,5
05003080001		1/8"	35,0	12,0	17,5	9,0
05003081001		1/8"	107,0	12,0	17,5	81,0
05003082001		9/64"	35,0	12,0	17,5	9,0
05003083001		5/32"	35,0	12,0	17,5	9,0
05003084001		5/32"	107,0	12,0	17,5	81,0
05003085001		3/16"	35,0	12,0	17,5	9,0
05003086001		3/16"	107,0	12,0	17,5	81,0
05003087001		7/32"	35,0	12,0	17,5	9,0
05003088001		7/32"	107,0	12,0	17,5	81,0
05003089001		1/4"	35,0	12,0	17,5	9,0
05003090001		1/4"	107,0	12,0	17,5	81,0
05003091001		5/16"	38,5	12,0	17,5	12,5
05003092001		5/16"	100,0	12,0	17,5	74,5
05003093001		3/8"	38,5	12,0	17,5	12,5
05003094001		3/8"	100,0	12,0	17,5	74,5

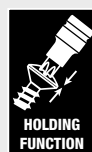
Tip



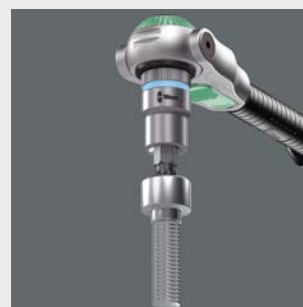
Bit sockets with retaining function for hexagon socket screws



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.



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!

Zyklop Accessories, $\frac{3}{8}$ "

With amazing product benefits

Belt B 2 Zyklop In-Hex-Plus bit socket set with holding function, $\frac{3}{8}$ " drive



8-piece; robust textile socket belt, including snap hook to enable secure fastening to a belt loop or pocket. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the sockets.

8 bit sockets for hexagon socket screws with $\frac{3}{8}$ " drive with holding function and Hex-Plus high torque geometry. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected.

05003971001	
	8740 B HF 1 x 3,0x35,0; 1 x 4,0x35,0; 1 x 5,0x35,0; 1 x 6,0x35,0; 1 x 7,0x38,5; 1 x 8,0x38,5; 1 x 9,0x38,5; 1 x 10,0x38,5
	Belt B 0/8 1 x 45,0x275,0
	Hook and Loop Fastener Strip 30 1 x 30,0x200,0

8740 B HF 1 Zyklop bit socket set with holding function, $\frac{3}{8}$ " drive



7-piece set

Pouch with 100 mm/107 mm bit sockets

7 Zyklop bit sockets for hexagon socket screws, with $\frac{3}{8}$ " drive, with holding function, Take it easy tool finder: Colour coding to enable the desired bit socket to be easily located.

05003180001	
	8740 B HF 1 x 4,0x107,0; 1 x 5,0x107,0; 1 x 6,0x107,0; 1 x 7,0x100,0; 1 x 8,0x100,0; 1 x 9,0x100,0; 1 x 10,0x100,0

8740 B HF Imperial 1 Zyklop bit socket set with holding function, $\frac{3}{8}$ " drive



7-piece set

Pouch with 100 mm/107 mm bit sockets

7 Zyklop bit sockets for hexagon socket screws, with $\frac{3}{8}$ " drive, with holding function, Take it easy tool finder: Colour coding to enable the desired bit socket to be easily located.

05003181001	
	8740 B HF 1 x 1/8"x107,0; 1 x 5/32"x107,0; 1 x 3/16"x107,0; 1 x 7/32"x107,0; 1 x 1/4"x107,0; 1 x 5/16"x100,0; 1 x 3/8"x100,0

Belt B Imperial 1 Zyklop In-Hex-Plus bit socket set with holding function, $\frac{3}{8}$ " drive



8-piece; robust textile socket belt, including snap hook to enable secure fastening to a belt loop or pocket. Non-woven reverse side and hook and loop strips for simple attachment e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system. Fast and easy Twist to Unlock mechanism for secure storage and simple removal of the sockets.

8 bit sockets for hexagon socket screws with $\frac{3}{8}$ " drive with holding function and Hex-Plus high torque geometry. Take it easy tool finder: Colour coding to enable the desired bit socket to be easily selected.

05003974001		
	8740 B HF	1 x 1/8"x35,0; 1 x 9/64"x35,0; 1 x 5/32"x35,0; 1 x 3/16"x35,0; 1 x 7/32"x35,0; 1 x 1/4"x35,0; 1 x 5/16"x38,5; 1 x 3/8"x38,5
	Belt B 0/8	1 x 45,0x275,0
	Hook and Loop Fastener Strip 30	1 x 30,0x200,0

Tip



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.



Textile belt



The textile belt can be attached by means of the nonwoven reverse side and the hook and loop strips e.g. to a wall, shelf, tool trolley and to the Wera 2go tool transport system.

Comes with convenient snap hook



The robust textile belt can be secured to a belt loop or pocket by means of the snap hook.



1/2", Zyklon Ratchets



Zyklon Speed

156



Zyklon Metal Push

157



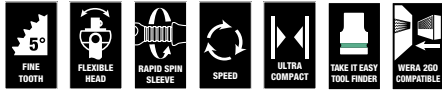
Zyklon Accessories

158

The Zyklop Speed Ratchets, 1/2"

5 types of ratchet in 1 tool

8100 SC 6 Zyklop Speed Ratchet Set, 1/2" drive, metric

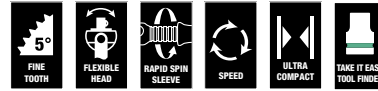


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

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

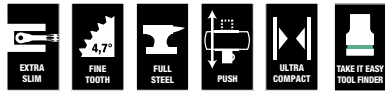
1 Zyklop Speed Ratchet with 1/2" drive, 10 Zyklop sockets, 1 Zyklop extension (long) with free-turning sleeve, 1 wobble extension, 1 adaptor with quick-release chuck, 14 bits

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

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

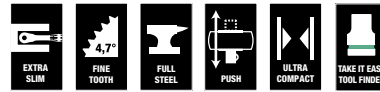


28-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

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

Zyklop Accessories, 1/2"

With amazing product benefits

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 HMC HF 1 Zyklop socket set with holding function



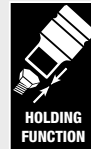
10-piece set; in a surface-preserving, compact and extremely robust textile box; low volume and weight for simplified mobility

10 Zyklop sockets with $\frac{1}{2}$ " drive with holding function

Take it easy tool finder: Colour coding and large stamp to enable the desired socket to be easily located.

	
05004203001	
●	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

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.



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"

With amazing product benefits

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. Take it easy tool finder: Colour coding and large stamp to enable the desired socket to be easily located.

05004202001		
	8767 C HF	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

8767 C TORX® HF 2 Zyklop bit socket set with 1/2" drive, with holding function



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

6 Zyklop bit sockets, 140 mm long, for TORX® screws, with 1/2" drive, with holding function. Take it easy tool finder: Colour coding and large stamp to enable the desired socket to be easily located.

05004211001		
	8767 C HF	1 x TX 20x140; 1 x TX 25x140; 1 x TX 27x140; 1 x TX 30x140; 1 x TX 40x140; 1 x TX 45x140

8767 C TORX® HF 3 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, 140 mm long, for TORX® screws, with 1/2" drive, with holding function. Take it easy tool finder: Colour coding and large stamp to enable the desired socket to be easily located.

05004212001	
	8767 C HF 1 x TX 20x140; 1 x TX 25x140; 1 x TX 27x140; 1 x TX 30x140; 1 x TX 40x140; 1 x TX 45x140; 1 x TX 50x140; 1 x TX 55x140; 1 x TX 60x140

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. Take it easy tool finder: Colour coding and large stamp to enable the desired socket to be easily located.

05004201001	
	8740 C HF 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

Tip



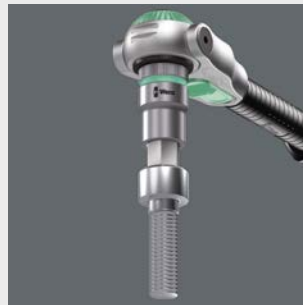
Bit sockets with holding function for TORX® screws



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"



With amazing product benefits

8740 C HF 2 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, 140 mm long, for hexagon socket screws, with 1/2" drive, with holding function






	
05004210001	
	8740 C HF 1 x 4,0x140,0; 1 x 5,0x140,0; 1 x 6,0x140,0; 1 x 7,0x140,0; 1 x 8,0x140,0; 1 x 10,0x140,0

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





Joker Wrenches



Joker
Ratcheting combination wrenches

168

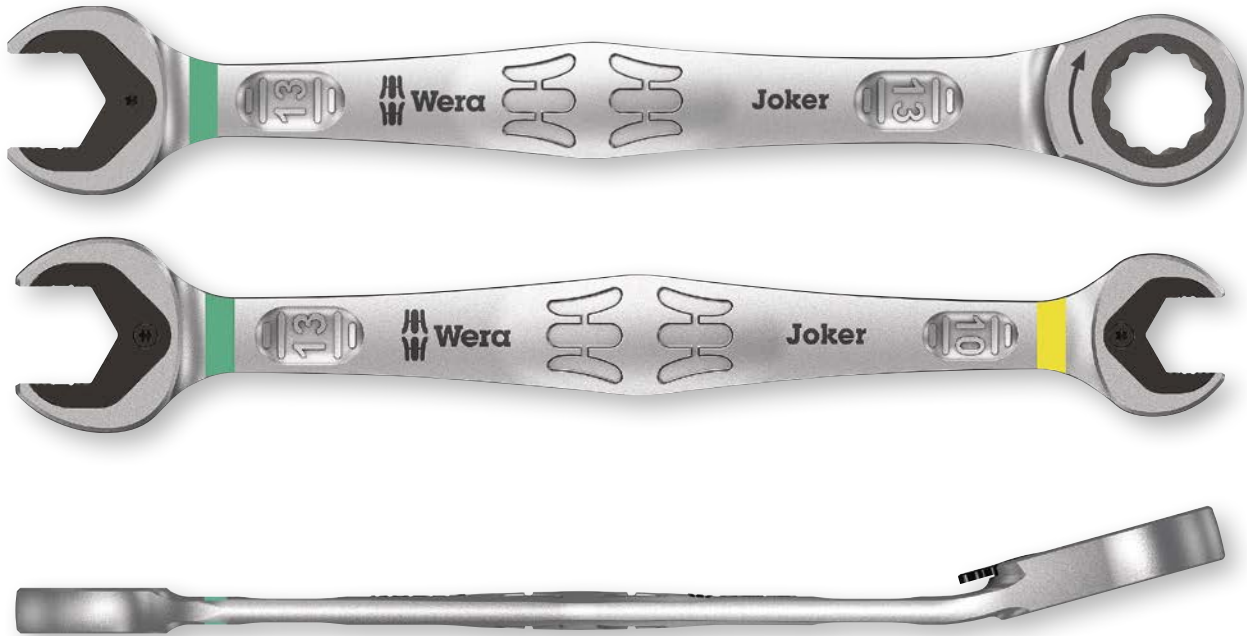


Joker Switch
Ratcheting combination wrenches

170

Joker open-ended wrenches

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

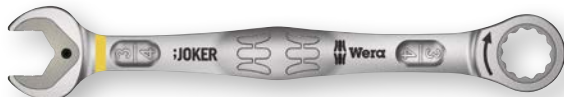
Joker Ratcheting combination wrenches



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

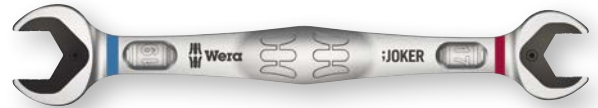
Joker Ratcheting combination wrenches, imperial



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 wrenches



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

05020013001	Joker	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

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

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



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

Joker

Combination ratchet wrenches

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

Joker Switch Ratcheting combination wrenches, Imperial, with switch lever

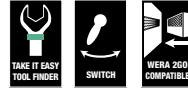


Application: Hexagonal nuts or bolts

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

Joker Switch Set of Ratcheting combination wrenches



Set of ratcheting combination wrenches, reversible

4-piece set

Durable pouch

05020090001	
	Joker Switch 1 x 10x159; 1 x 13x179; 1 x 17x225; 1 x 19x246

Joker Switch Set of Ratcheting combination wrenches, imperial



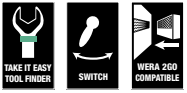
Set of ratcheting combination wrenches, reversible

4-piece set

Durable pouch

05020092001	
	Joker Switch inch 1 x 7/16"x165; 1 x 1/2"x171; 1 x 9/16"x187; 1 x 3/4"x246

Joker Switch Set of Ratcheting combination wrenches, Imperial



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

05020093001	
Joker Switch	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

Joker Switch Set of Ratcheting combination wrenches



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

05020091001	
Joker Switch	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

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.



TechLex - Technical data and information

TORQUE Test Values

174

Dimensions Of Profiles

175

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.

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

Important device:

After TORQUE testing with the minimum value, screwdrivers shall not show any deformation or injuries at the tip.



Hexagon Tools

Drives: DIN ISO 2936. TORQUE values evaluated in test gages according to DIN ISO 2936 on TORQUE testing equipment.

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



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.

	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



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



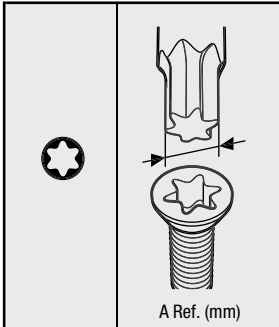
Tools with TORQ-SET® drive

TORQUE values evaluated with testing gages of Phillips Screw Company, licensor of TORQ-SET®, on TORQUE testing equipment.

	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	

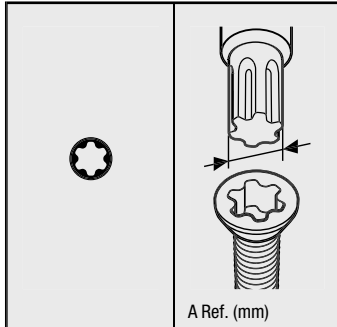
Dimensions Of Profiles

TORX® Recess Screws



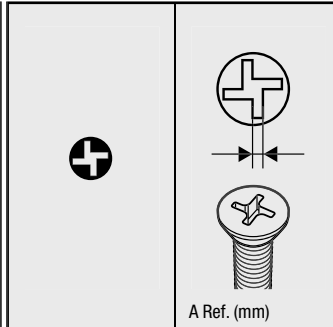
		A Ref. (mm)
TX 1		0,84
TX 2		0,94
TX 3		1,12
TX 4		1,30
TX 5		1,37
TX 6		1,65
TX 7		1,97
TX 8		2,30
TX 9		2,48
TX 10		2,72
TX 15		3,26
TX 20		3,84
TX 25		4,40
TX 27		4,96
TX 30		5,49
TX 40		6,60
TX 45		7,77
TX 50		8,79
TX 55		11,17
TX 60		13,20
TX 70		15,49

TORX PLUS® Recess Screws



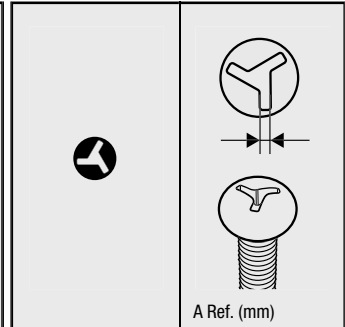
		A Ref. (mm)
1 IP		0,84
2 IP		0,95
3 IP		1,13
4 IP		1,29
5 IP		1,41
6 IP		1,69
7 IP		1,97
8 IP		2,29
9 IP		2,48
10 IP		2,72
15 IP		3,25
20 IP		3,84
25 IP		4,39
27 IP		4,95
30 IP		5,49
40 IP		6,60
45 IP		7,77
50 IP		8,79
55 IP		11,16
60 IP		13,20
70 IP		15,48

TORQ-SET® Recess Screws



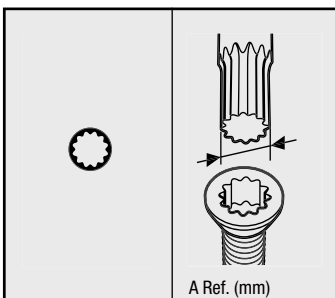
		A Ref. (mm)
0		0,43
1		0,43
2		0,43
3		0,48
4		0,56
5		0,63
6		0,71
8		0,84
10		0,96
1/4"		1,27
5/16"		1,60
3/8"		1,90
7/16"		2,23
1/2"		2,54

TRI-WING® Recess Screws



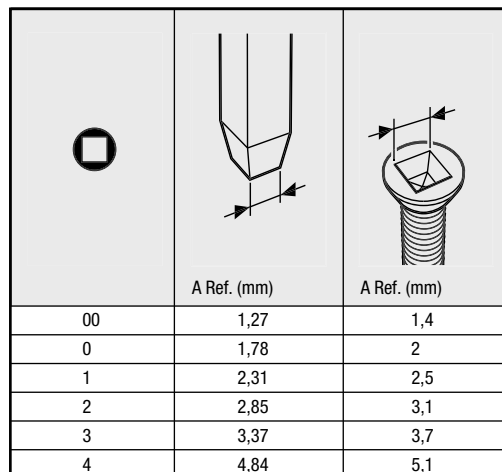
		A Ref. (mm)
0		0,45
1		0,57
2		0,75
3		0,95
4		1,08
5		1,23
6		1,54
7		1,87
8		2,17
9		2,48
10		2,78

XZN Recess Screws



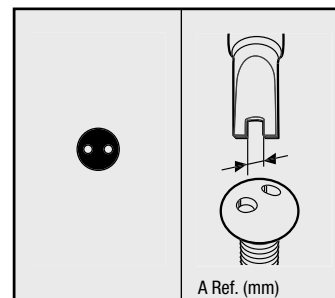
		A Ref. (mm)
M 4		3,83
M 5		4,80
M 6		6,00
M 8		7,20
M 10		9,60
M 12		11,41
M 14		13,22
M 16		15,63
M 18		16,85
M 20		19,25

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

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