



Torque Tools

Series 7400 Kraftform adjustable torque screwdrivers with Rapidaptor quick-release chuck

Variable torque setting option with highest precision. Simple adjustment of the required torque value without any special tools. Easy-to-read scale value; audible click signal. Rapidaptor quick-release technology for rapid bit change. Unlimited torque to loosen seized screws.

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Suitable for bits with 1/4" hexagon head drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Series 7400 Kraftform adjustable torque screwdrivers (0.1-3.0 Nm) with Rapidaptor quick-release chuck



	EAN	Art.No.						
Code	4013288			Nm	Nm	mm	mm	
05074770001 ¹⁾	179012	7430	1/4"	0,10-0,34	0,015	89	142	1
05074772001 ¹⁾	179128	7431	1/4"	0,30-1,00	0,05	89	142	1
05074774001 ¹⁾	179135	7432	1/4"	0,90-1,50	0,05	89	142	1
05074700001	100641	7440	1/4"	0,3-1,2	0,05	105	155	1
05074701001	100658	7441	1/4"	1,2-3,0	0,10	105	155	1

¹⁾With attachable magnifying glass, dramatically improving visibility.

Series 7400 Kraftform adjustable torque screwdrivers (2.5-29.0 in. lbs.) with Rapidaptor quick-release chuck



	EAN	Art.No.						
Code	4013288			in. lbs.	in. lbs.	mm	mm	
05074710001	102881	7445	1/4"	2,5-11,5	0,5	105	155	1
05074711001	102898	7446	1/4"	11,0-29,0	1,0	105	155	1

Series 7400 Kraftform pistol grip, adjustable torque screwdrivers (3.0-8.8 Nm) with Rapidaptor quick-release chuck



	EAN	Art.No.						
Code	4013288			Nm	Nm	mm	mm	
05074702001	101730	7442	1/4"	3,0-6,0	0,25	150	100	1
05074705001	119308	7443	1/4"	4,0-8,8	0,40	150	100	1

Series 7400 Kraftform pistol grip, adjustable torque screwdrivers (25.0-55.0 in. lbs.) with Rapidaptor quick-release chuck



	EAN	Art.No.						
Code	4013288			in. lbs.	in. lbs.	mm	mm	
05074712001	102904	7447	1/4"	25,0-55,0	2,5	150	100	1

9524 Photovoltaic mounting tool set 1

7-piece tool set for installing photovoltaic systems. One adjustable torque screwdriver (pistol handle) 7442 for the measuring range 3.0-6.0 Nm. Digital torque value display. Reliable slip-over mechanism and audible signal when the set torque is reached. One 889/4/1 F Rapidaptor bitholding screwdriver with fast-rotating function for a particularly quick return movement without having to remove the tool during clockwise torque operation. One 6003 Joker ring spanner. The special open end geometry expands the placement possibilities of the tool which makes the ring spanner particularly suitable for narrow spaces.

2 installation tools for MC4 solar connectors (Multi-Contact). One socket 1/2" (with side wire cutout) size 17 for installing panel connectors, one tool shaft (adapter 1/4" to 1/2") for manually operated socket wrench inserts.

- Screwdriving tool set for installing photovoltaic systems
- Includes 2x 9108 installation tools for MC4 solar connectors (Multi-Contact)
- Includes 7442 adjustable torque screwdriver (3.0-6.0 Nm) with pistol handle
- Includes Rapidaptor 889/4/1 F bitholder with fast-rotating function for a particularly quick return movement without having to remove the tool during clockwise torque operation
- Includes Joker 6003 ring spanner, particularly suitable for narrow spaces; the special open end geometry expands the placement possibilities of the tool
- Includes 1/2" socket (with side wire cutout) size 17 for installing panel connectors
- Includes tool shaft 870/4 (adapter 1/4" hexagon to 1/2" square head) for manually operated 1/2" socket wrench inserts

9524 Photovoltaic mounting tool set 1



Code		EAN		
		4013288		
05136043001	228017			1
		●	7400 pistol grip 1x 7442, 3,0-6,0 Nm	
		●	8790 HMC Deep with cutout 1x 17,0x76,0	
		○	870/4 A 1x 1/4"x1/2"x72	
		●	889/4/1 F 1x 1/4"x64	
			6003 Joker 1x 17x190	
			9108 2x 115	
			Hook and Loop Fastener Strip 120 1x 50,0x120,0	

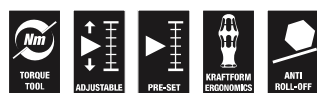
7443/12 Assembly set for tyre pressure control systems

12-piece tool set for the proper assembly and disassembly of tyre pressure control systems. Comes with torque technology for controlled screw tightening. Hand tool with multi-component Kraftform handle for high working speeds and ergonomic working. Five pre-set tools to connect the union nut with the screw and to fasten the sensor component to the valve.

Two pre-set valve insertion tools with 0.25 and 0.45 Nm. An adjustable Kraftform pistol handle for torque values of between 4.0 and 8.8 Nm. Suitable for all customary tyre pressure control systems. Dependable fastening thanks to distinctly coloured marking of the pre-set torque values (Beru/Huf®: TX 10 yellow 1.25 Nm; Schrader®: TX 10 green 1.4 Nm; Cup®/RTS®: TX 20 grey 2.0 Nm).

Two TX bits with holding function, socket adaptor, two sockets plus a valve dolly (for applications up to 4.5 Nm). Suitable for tyre control, systems from e.g. Schrader®, Alligator®, VDO®. The pre-set torque screwdriver fixed at 3.3 Nm actuates both the union nut as well as the connecting screw on the sensors of the Alligator system. Additionally included: socket adaptor, two bits, valve dolly (for applications up to 4.5 Nm).

7443/12 Assembly set for tyre pressure control systems



Code	EAN			
05074746001	178404			1
		●	7400 pistol grip 1x 7443, 4,0-8,8 Nm	
		●	Series 7400 Kraftform torque screwdrivers with a factory pre-set measurement value 1x 7464, 3,3 Nm, 3,0-6,0 Nm	
		✱	300 TX 1x TX 10x1,25; 1x TX 10x1,4	
		●	790 A/50 1x 11,0x50,0; 1x 12,0x50,0	
		✱	867/4 TORX® HF 1x TX 15x50; 1x TX 20x50	
		○	870/1 1x 1/4"x25 ¹⁾	
		●	300 V 1x 0,25; 1x 0,45	
		○	327 1x 32x70	

¹⁾With friction ball; for manual nut spinner sockets

7440/41 Kraftform torque screwdriver set 0.3-3.0 Nm

Wera torque screwdriver set. Two torque screwdrivers with variable torque setting option with highest precision.

Simple adjustment of the required torque value without any special tools. Easy-to-read scale value.

Rapidaptor quick-release technology for rapid bit change.

Unlimited torque to loosen seized screws. Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Includes bit assortment in a high quality and stable plastic case.

7440/41 Kraftform torque screwdriver set 0.3-3.0 Nm



Code	EAN			
05074738001	112354			1
		●	7400 1x 7440, 1/4", 0,3-1,2 Nm; 1x 7441, 1/4", 1,2-3,0 Nm	
		✱	867/1 TZ TORX® 1x TX 6x25; 1x TX 7x25; 1x TX 8x25; 1x TX 9x25; 1x TX 10x25; 1x TX 15x25; 1x TX 20x25; 1x TX 25x25; 1x TX 30x25	
		✱	867/1 IP TORX PLUS® 1x 6 IPx25; 1x 7 IPx25; 1x 8 IPx25; 1x 9 IPx25; 1x 10 IPx25; 1x 15 IPx25; 1x 20 IPx25; 1x 25 IPx25; 1x 30 IPx25	
		○	840/1 Z Hex-Plus 1x 2,0x25; 1x 2,5x25; 1x 3,0x25; 1x 4,0x25; 1x 5,0x25; 1x 6,0x25	

7440/41/42 Kraftform torque screwdriver set 0.3-6.0 Nm



Code	EAN		
05074739001	4013288 113924		1
		7400	1x 7440, 0,3-1,2 Nm; 1x 7441, 1,2-3,0 Nm
		7400 pistol grip	1x 7442, 3,0-6,0 Nm
		867/1 TZ TORX®	1x TX 6x25; 1x TX 7x25; 1x TX 8x25; 1x TX 9x25; 1x TX 10x25; 1x TX 15x25; 1x TX 20x25; 1x TX 25x25; 1x TX 30x25
		867/1 IP TORX PLUS®	1x 6 IPx25; 1x 7 IPx25; 1x 8 IPx25; 1x 9 IPx25; 1x 10 IPx25; 1x 15 IPx25; 1x 20 IPx25; 1x 25 IPx25; 1x 30 IPx25
		840/1 Z	1x 2,0x25; 1x 2,5x25; 1x 3,0x25; 1x 4,0x25; 1x 5,0x25; 1x 6,0x25

7445/46/47 Kraftform torque screwdriver set 2.5-55.0 in. lbs.



Code	EAN		
05350451001	4013288 161383		1
		7400 Imperial	1x 7445, 2,5-11,5 in. lbs.; 1x 7446, 11,0-29,0 in. lbs.,
		7400 Imperial pistol grip	1x 7447, 25,0-55,0 in. lbs.,
		867/1 TZ TORX®	1x TX 6x25; 1x TX 7x25; 1x TX 8x25; 1x TX 9x25; 1x TX 10x25; 1x TX 15x25; 1x TX 20x25; 1x TX 25x25; 1x TX 30x25
		867/1 IP TORX PLUS®	1x 6 IPx25; 1x 7 IPx25; 1x 8 IPx25; 1x 9 IPx25; 1x 10 IPx25; 1x 15 IPx25; 1x 20 IPx25; 1x 25 IPx25; 1x 30 IPx25
		840/1 Z	1x 2,0x25; 1x 2,5x25; 1x 3,0x25; 1x 4,0x25; 1x 5,0x25; 1x 6,0x25

7443/61/9 Assembly set for tyre pressure control systems

9-piece tool set for the proper assembly and disassembly of tyre pressure control systems. Comes with torque technology for controlled screw tightening.

Hand tool with multi-component Kraftform handle for high working speeds and ergonomic working. Two pre-set tools to connect the union nut with the screw and to fasten the sensor component to the valve.

An adjustable Kraftform pistol handle for torque values of between 4.0 and 8.8 Nm. Two TX bits with holding function, socket adaptor, two sockets plus a valve dolly (for applications up to 4.5 Nm). Suitable for tyre control, systems from e.g. Schrader®, Alligator®, VDO®.

7443/61/9 Assembly set for tyre pressure control systems



Code	EAN		
05074745001	4013288 168818		1
		Series 7400 Kraftform torque screwdrivers with a factory pre-set measurement value	1x 7461, 1,2 Nm, 1,2-3,0 Nm ¹⁾
		7400 pistol grip	1x 7443, 4,0-8,8 Nm
		300 TX	1x TX 10x1,4
		870/1	1x 1/4"x25 ²⁾
		790 A/50	1x 11,0x50,0; 1x 12,0x50,0
		867/4 TORX® HF	1x TX 15x50; 1x TX 20x50
		327	1x 32x70

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

²⁾With friction ball; for manual nut spinner sockets

1430 Kraftform Micro ESD adjustable torque screwdrivers (0.02-0.11 Nm) with quick-release chuck

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm
- Suitable for bits with 4 mm halfmoon and 4 mm HIOS drive
- Applications e.g. on smartphones, mobile phones, cameras, electronic equipment

1430 Kraftform Micro ESD adjustable torque screwdrivers (0.02-0.11 Nm) with quick-release chuck



	EAN							
Code	4013288	Art.No.	Nm	Nm	mm			
05074802001 ¹⁾	179043	1430 ESD	0,02-0,06	0,0025	141	5 7/16"		1
05074804001 ¹⁾	179104	1431 ESD	0,05-0,11	0,005	141	5 7/16"		1

¹⁾With attachable magnifying glass, dramatically improving visibility.

Series 7400 Kraftform ESD adjustable torque screwdrivers (0.1-3.0 Nm) with Rapidaptor quick-release chuck

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm

Series 7400 Kraftform ESD adjustable torque screwdrivers (0.1-3.0 Nm) with Rapidaptor quick-release chuck



	EAN							
Code	4013288	Art.No.	Nm	Nm	mm	mm		
05074780001 ¹⁾	179159	7430 ESD	1/4"	0,10-0,34	0,015	89	142	1
05074782001 ¹⁾	179166	7431 ESD	1/4"	0,30-1,00	0,05	89	142	1
05074784001 ¹⁾	179173	7432 ESD	1/4"	0,90-1,50	0,05	89	142	1
05074730001	106964	7440 ESD	1/4"	0,3-1,2	0,05	105	155	1
05074731001	106971	7441 ESD	1/4"	1,2-3,0	0,10	105	155	1

¹⁾With attachable magnifying glass, dramatically improving visibility.

Series 7400 Kraftform ESD adjustable torque screwdrivers (2.5-29.0 in. lbs.) with Rapidaptor quick-release chuck

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm

Series 7400 Kraftform ESD adjustable torque screwdrivers (2.5-29.0 in. lbs.) with Rapidaptor quick-release chuck



	EAN							
Code	4013288	Art.No.		in. lbs.	in. lbs.	mm	mm	
05074733001	106988	7445 ESD	1/4"	2,5-11,5	0,5	105	155	1
05074734001	106995	7446 ESD	1/4"	11,0-29,0	1,0	105	155	1

Series 7400 Kraftform ESD adjustable torque screwdrivers (0.1-1.0 Nm)

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm
- Suitable for bits with 4 mm halfmoon and 4 mm HIOS drive

Series 7400 Kraftform ESD adjustable torque screwdrivers (0.1-1.0 Nm)



	EAN							
Code	4013288	Art.No.	Nm	Nm	mm	mm		
05074786001 ¹⁾	179036	7435 ESD	0,10-0,34	0,015	89	142	5 7/16"	1
05074788001 ¹⁾	179029	7436 ESD	0,30-1,00	0,05	89	142	5 7/16"	1

¹⁾With attachable magnifying glass, dramatically improving visibility.

Series 7400 Kraftform Torque Screwdrivers, with a factory pre-set measurement value

Wera torque screwdriver. With a factory pre-set torque value set to the smallest scale value. For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137003001).

Afterwards you can check the set value using an off-the-shelf torque tester. Unlimited loosening torque for slackening stuck screws. Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173). Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

7400 series Kraftform Torque screwdrivers, with factory pre-set value (0.1-1.5 Nm) and Rapidaptor quick-release chuck, handle size 89 mm



	EAN							
Code	4013288	Art.No.		Nm	Nm	mm	mm	
05074790001 ¹⁾	179395	7450	1/4"	0,1	0,1-0,34	89	133	1
05074792001 ¹⁾	179203	7451	1/4"	0,3	0,3-1,0	89	133	1
05074794001 ¹⁾	179197	7452	1/4"	0,9	0,9-1,5	89	133	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

7400 series Kraftform Torque screwdrivers, with factory pre-set value (0.3-3.0 Nm) and Rapidaptor quick-release chuck, handle size 105 mm

Wera torque screwdrivers. With a factory pre-set torque value set to the smallest scale value. For all applications, where the same constant torque and repeat accuracy are required. The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137001001).

Afterwards you can check the set value using an off-the-shelf torque tester. Unlimited loosening torque for slackening stuck screws. Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

7400 series Kraftform Torque screwdrivers, with factory pre-set value (0.3-3.0 Nm) and Rapidaptor quick-release chuck, handle size 105 mm



	EAN							
Code	4013288	Art.No.		Nm	Nm	mm	mm	
05074715001 ¹⁾	102911	7460	1/4"	0,3	0,3-1,2	105	155	1
05074716001 ¹⁾	102928	7461	1/4"	1,2	1,2-3,0	105	155	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

7400 series Kraftform Torque screwdrivers, with factory pre-set value (3.0-8.8 Nm) and Rapidaptor quick-release chuck, pistol handle

Wera torque screwdriver. Kraftform pistol handle for particularly high torque transmission, multi-component for high working speeds and particularly ergonomic screwdriving. With a factory pre-set torque value set to the smallest scale value. For all applications, where the same constant torque and repeat accuracy are required. The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137002001).

Afterwards you can check the set value using an off-the-shelf torque tester. Unlimited loosening torque for slackening stuck screws. Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Suitable for bits with a 1/4" hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Please note: 1 Ncm = 0.01 Nm.

7400 series Kraftform Torque screwdrivers, with factory pre-set value (3.0-8.8 Nm) and Rapidaptor quick-release chuck, pistol handle



	EAN							
Code	4013288	Art.No.		Nm	Nm	mm	mm	
05074717001 ¹⁾	102935	7462	1/4"	3,0	3,0-6,0	150	100	1
05074728001 ¹⁾	156167	7463	1/4"	4,0	4,0-8,8	150	100	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

7400 Imperial series Kraftform Torque screwdrivers, with factory pre-set value (2.5-29.0 in. lbs.) and Rapidaptor quick-release chuck, handle size 105 mm

Wera torque screwdrivers. With a factory pre-set torque value set to the smallest scale value. For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137001001).

Afterwards you can check the set value using an off-the-shelf torque tester. Unlimited loosening torque for slackening stuck screws. Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

7400 Imperial series Kraftform Torque screwdrivers, with factory pre-set value (2.5-29.0 in. lbs.) and Rapidaptor quick-release chuck, handle size 105 mm



	EAN							
Code	4013288	Art.No.		in. lbs.	in. lbs.	mm	mm	
05074720001 ¹⁾	102942	7465	1/4"	2,5	2,5-11,5	105	155	1
05074722001 ¹⁾	103116	7466	1/4"	11,0	11,0-29,0	105	155	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

7400 Imperial series Kraftform Torque screwdrivers, with factory pre-set value (25.0-55.0 in. lbs.) and Rapidaptor quick-release chuck, pistol handle

Wera torque screwdriver. Kraftform pistol handle for particularly high torque transmission, multi-component for high working speeds and particularly ergonomic screwdriving. With a factory pre-set torque value set to the smallest scale value. ¹⁾

For all applications, where the same constant torque and repeat accuracy are required. The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137002001).

Afterwards you can check the set value using an off-the-shelf torque tester.

Unlimited loosening torque for slackening stuck screws. Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

7400 Imperial series Kraftform Torque screwdrivers, with factory pre-set value (25.0-55.0 in. lbs.) and Rapidaptor quick-release chuck, pistol handle



	EAN							
Code	4013288	Art.No.		in. lbs.	in. lbs.	mm	mm	
05074721001 ¹⁾	102959	7467	1/4"	25,0	25,0-55,0	150	100	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

7400 ESD series Kraftform Torque screwdrivers, with factory pre-set value (0.1-1.5 Nm) and Rapidaptor quick-release chuck, handle size 105 mm

Wera torque screwdriver. Safe protection against electrostatic charge and associated damage. With a factory pre-set torque value set to the smallest scale value.

For all applications, where the same constant torque and repeat accuracy are required. The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137003001).

Afterwards you can check the set value using an off-the-shelf torque tester. Unlimited loosening torque for slackening stuck screws. Rapidaptor quick-release technology for rapid bit changes.

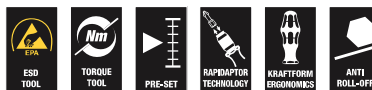
Suitable for bits with a 1/4" hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm

7400 ESD series Kraftform Torque screwdrivers, with factory pre-set value (0.1-1.5 Nm) and Rapidaptor quick-release chuck, handle size 105 mm



	EAN							
Code	4013288	Art.No.		Nm	Nm	mm	mm	
05074840001 ¹⁾	179487	7460 ESD	1/4"	0,3	0,3-1,2	105	155	1
05074842001 ¹⁾	179098	7461 ESD	1/4"	1,2	1,2-3,0	105	155	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

7400 ESD series Kraftform Torque screwdrivers, with factory pre-set value (0.1-1.5 Nm) and Rapidaptor quick-release chuck, handle size 89 mm

Wera torque screwdriver. Safe protection against electrostatic charge and associated damage. With a factory pre-set torque value set to the smallest scale value. For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137003001).

Afterwards you can check the set value using an off-the-shelf torque tester. Rapidaptor quick-release technology for rapid bit changes. Unlimited loosening torque for slackening stuck screws.

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Suitable for bits with a 1/4" hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm

7400 ESD series Kraftform Torque screwdrivers, with factory pre-set value (0.1-1.5 Nm) and Rapidaptor quick-release chuck, handle size 89 mm



	EAN							
Code	4013288	Art.No.		Nm	Nm	mm	mm	
05074820001 ¹⁾	179210	7450 ESD	1/4"	0,1	0,1-0,34	89	133	1
05074822001 ¹⁾	179470	7451 ESD	1/4"	0,3	0,3-1,0	89	133	1
05074824001 ¹⁾	179227	7452 ESD	1/4"	0,9	0,9-1,5	89	133	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

7400 ESD series Kraftform Torque screwdrivers, with factory pre-set value (0.1-1.0 Nm) and quick-release chuck

Wera torque screwdriver. Safe protection against electrostatic charge and associated damage. With a factory pre-set torque value set to the smallest scale value.

For all applications, where the same constant torque and repeat accuracy are required. The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137003001).

Afterwards you can check the set value using an off-the-shelf torque tester. With quick-release chuck for rapid bit change. Unlimited loosening torque for slackening stuck screws.

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Suitable for bits with a 4 mm Halfmoon drive (Wera series 9) and a 4 mm HIOS drive (Wera series 21).

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm
- Suitable for bits with 4 mm halfmoon and 4 mm HIOS drive

7400 ESD series Kraftform Torque screwdrivers, with factory pre-set value (0.1-1.0 Nm) and quick-release chuck



	EAN							
Code	4013288	Art.No.	Nm	Nm	mm	mm		
05074826001 ¹⁾	179067	7455 ESD	0,1	0,1-0,34	89	138	5 1/4"	1
05074828001 ¹⁾	179050	7456 ESD	0,3	0,3-1,0	89	138	5 1/4"	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

1460 ESD Kraftform Micro torque screwdrivers, with factory pre-set value (0.02-0.11 Nm) and quick-release chuck

With a factory pre-set torque value set to the smallest scale value. For all applications, where the same constant torque and repeat accuracy are required. The torque can be changed within the measuring range with the extra tool 05137004001.

Afterwards you can check the set value using an off-the-shelf torque tester.

Compact handle/interchangeable blades system for torque-controlled precision screwdriving. The Kraftform Micro ESD torque screwdriver is ideal for torque-controlled jobs on electrostatically sensitive components. Suitable for bits with a 4 mm Halfmoon drive (Wera series 9) and a 4 mm HIOS drive (Wera series 21). Tamper-proof. Clearly audible and tactile signal when the set torque is reached. Repeatability is 100% guaranteed. Unlimited manual loosening torque.

Electrical surface resistance $\leq 10^9$ ohms for safe protection against electrostatic charge.

Manufactured as per DIN EN 61340-5-1. Handle/interchangeable blades system for rapid blade changes. Kraftform Micro handle with rotating cap and free-turning zone for rapid turning, making any time-consuming repositioning of the fingers unnecessary.

Power zone with integrated soft zones ensures the transmission of high tightening and loosening torques. Precision zone directly above the blade for the correct rotation angle for adjustment work.

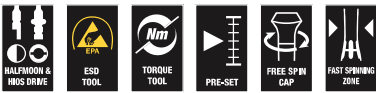
Rapid bit fixing: Simply push the bit into the holder for automatic locking and a secure fit. To change the bit, simply push the sleeve forward and remove the bit. Free-running actuating sleeve for easy handling of the tool during the screwdriving process.

Bits suitable for manual and machine operated screwdriving connections with electric screwdrivers (including HIOS, Delvo, Sehan). Use with e.g. smartphones, mobile phones, cameras, electronic devices, in dental laboratories and dental surgeries.

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm
- Suitable for the take-up of bits with 4 mm half moon drive and 4 mm HIOS drive
- Applications e.g. on smartphones, mobile phones, cameras, electronic equipment

1460 ESD Kraftform Micro torque screwdrivers, with factory pre-set value (0.02-0.11 Nm) and quick-release chuck



	EAN						
Code	4013288	Art.No.	Nm	Nm	mm		
05074800001 ¹⁾	168351	1460 ESD	0,035	0,02-0,06	131	5 1/4"	1
05074810001 ¹⁾	179463	1461 ESD	0,050	0,05-0,11	131	5 1/4"	1

¹⁾The preset torque can be changed. However, this requires the use of special tools and Torque Test Equipment. Please contact the Wera Torque Service.

Series 7400 Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 89 mm

Wera torque screwdriver. With a customised factory pre-set torque value. For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137003001). Afterwards you can check the set value using an off-the-shelf torque tester.

Unlimited loosening torque for slackening stuck screws.
Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

Series 7400 Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 89 mm



Code	EAN	Art.No.	Nm	mm	mm		
05074790010	188106	7450	1/4"	0,1-0,34	89	133	5 1/4"
05074792010	188113	7451	1/4"	0,3-1,0	89	133	5 1/4"
05074794010	188137	7452	1/4"	0,9-1,5	89	133	5 1/4"

***The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

Series 7400 Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 105 mm

Wera torque screwdriver. With a customised factory pre-set torque value. For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137001001). Afterwards you can check the set value using an off-the-shelf torque tester.

Unlimited loosening torque for slackening stuck screws.
Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

- Customized pre-set torque screwdriver with Rapidaptor quick-release chuck
- Only adjustable with an extra tool
- Suitable for bits with 1/4" hex head drive
- Distinct signal when pre-set value is reached
- Multi-component Kraftform handle for high working speeds

Series 7400 Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 105 mm



Code	EAN	Art.No.	Nm	mm	mm		
05074715010	188144	7460	1/4"	0,3-1,2	105	155	6"
05074716010	188151	7461	1/4"	1,2-3,0	105	155	6"

***The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

Series 7400 Kraftform torque screwdrivers with a customised factory pre-set measurement value, pistol handle

Wera torque screwdriver. Kraftform pistol handle for particularly high torque transmission, multi-component for high working speeds and particularly ergonomic screwdriving.

With a customised factory pre-set torque value. For all applications, where the same constant torque and repeat accuracy are required. The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137002001). Afterwards you can check the set value using an off-the-shelf torque tester.

Rapidaptor quick-release technology for rapid bit changes. Unlimited loosening torque for slackening stuck screws.

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

Series 7400 Kraftform torque screwdrivers with a customised factory pre-set measurement value, pistol handle



	EAN							
Code	4013288	Art.No.		Nm	mm	mm		
05074717010	188168	7462	1/4"	3,0-6,0	150	100	6"	1
05074728010	188199	7463	1/4"	4,0-8,8	150	100	6"	1

*The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

Series 7400 Imperial Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 105 mm

Wera torque screwdriver. With a customised factory pre-set torque value.

For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137001001). Afterwards you can check the set value using an off-the-shelf torque tester.

Unlimited loosening torque for slackening stuck screws. Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

Series 7400 Imperial Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 105 mm



	EAN							
Code	4013288	Art.No.		in. lbs.	mm	mm		
05074720010	188250	7465	1/4"	2,5-11,5	105	155	6"	1
05074722010	188267	7466	1/4"	11,0-29,0	105	155	6"	1

*The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

Series 7400 Imperial Kraftform torque screwdrivers with a customised factory pre-set measurement value, pistol handle

Wera torque screwdriver. Kraftform pistol handle for particularly high torque transmission, multi-component for high working speeds and particularly ergonomic screwdriving.

With a customised factory pre-set torque value. For all applications, where the same constant torque and repeat accuracy are required.

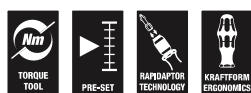
The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137002001). Afterwards you can check the set value using an off-the-shelf torque tester.

Rapidaptor quick-release technology for rapid bit changes. Unlimited loosening torque for slackening stuck screws.

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

Series 7400 Imperial Kraftform torque screwdrivers with a customised factory pre-set measurement value, pistol handle



	EAN							
Code	4013288	Art.No.		in. lbs.	mm	mm	mm	
05074721010	188274	7467	1/4"	25,0-55,0	150	100	6"	1

***The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

1460 ESD Kraftform Micro torque screwdrivers with a customised factory pre-set measurement value with quick-release chuck

With a customised factory pre-set torque value. The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137004001).

Afterwards you can check the set value using an off-the-shelf torque tester. Compact handle/interchangeable blades system for torque-controlled precision screwdriving.

The Kraftform Micro ESD torque screwdriver is ideal for torque-controlled jobs on electrostatically sensitive components. Suitable for bits with a 4 mm Halfmoon drive (Wera series 9) and a 4 mm HIOS drive (Wera series 21).

Tamper-proof. Clearly audible and tactile signal when the set torque is reached. Repeatability is 100% guaranteed. Unlimited manual loosening torque.

Electrical surface resistance $\leq 10^9$ ohms for safe protection against electrostatic charge.

Manufactured as per DIN EN 61340-5-1. Handle/interchangeable blades system for rapid blade changes.

Kraftform Micro handle with rotating cap and free-turning zone for rapid turning, making any time-consuming repositioning of the fingers unnecessary.

Power zone with integrated soft zones ensures the transmission of high tightening and loosening torques. Precision zone directly above the blade for the correct rotation angle for adjustment work. Rapid bit fixing: Simply push the bit into the holder for automatic locking and a secure fit.

To change the bit, simply push the sleeve forward and remove the bit. Free-running actuating sleeve for easy handling of the tool during the screwdriving process.

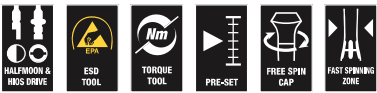
Bits suitable for manual and machine operated screwdriving connections with electric screwdrivers (including HIOS, Delvo, Sehan).

Use with e.g. smartphones, mobile phones, cameras, electronic devices, in dental laboratories and dental surgeries.

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm
- Suitable for the take-up of bits with 4 mm halfmoon drive and 4 mm HIOS drive
- Applications e.g. on smartphones, mobile phones, cameras, electronic equipment

1460 ESD Kraftform Micro torque screwdrivers with a customised factory pre-set measurement value with quick-release chuck



	EAN	Art.No.	Nm	mm				
Code	4013288							
05074800010	188304	1460 ESD	0,02-0,06	131	5 1/4"			1
05074810010	188311	1461 ESD	0,05-0,11	131	5 1/4"			1

*)The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

Series 7400 ESD Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 105 mm

Wera torque screwdriver. Safe protection against electrostatic charge and associated damage. With a customised factory pre-set torque value.

For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137001001). Afterwards you can check the set value using an off-the-shelf torque tester.

Rapidaptor quick-release technology for rapid bit changes. Unlimited loosening torque for slackening stuck screws.

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm

Series 7400 ESD Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 105 mm



	EAN	Art.No.		Nm	mm	mm		
Code	4013288							
05074840010	188236	7460 ESD	1/4"	0,3-1,2	105	133	6"	1
05074842010	188243	7461 ESD	1/4"	1,2-3,0	105	155	6"	1

*)The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

Series 7400 ESD Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 89 mm

Wera torque screwdriver. Safe protection against electrostatic charge and associated damage.

With a customised factory pre-set torque value.

For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed with an extra tool within the measuring range (re-calibration kit can be ordered with the code number 05137003001). Afterwards you can check the set value using an off-the-shelf torque tester.

Unlimited loosening torque for slackening stuck screws.
Rapidaptor quick-release technology for rapid bit changes.

Suitable for bits with a 1/4" external hexagon drive as per DIN ISO 1173-C 6.3 and E 6.3 (ISO 1173).

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm

Series 7400 ESD Kraftform torque screwdrivers with a customised factory pre-set measurement value, handle size 89 mm



	EAN	Art.No.		Nm	mm	mm		
Code	4013288							
05074820010	188205	7450 ESD	1/4"	0,1-0,34	89	133	5 1/4"	1
05074822010	188212	7451 ESD	1/4"	0,3-1,0	89	133	5 1/4"	1
05074824010	188229	7452 ESD	1/4"	0,9-1,5	89	133	5 1/4"	1

^{*)}The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

Series 7400 ESD Kraftform torque screwdrivers with a customised factory pre-set measurement value, with quick-release chuck

Wera torque screwdriver. Safe protection against electrostatic charge and associated damage. With a customised factory pre-set torque value.

For all applications, where the same constant torque and repeat accuracy are required.

The torque can be changed within the measuring range with the extra tool 05137003001. Afterwards you can check the set value using an off-the-shelf torque tester.

Rapidaptor quick-release technology for rapid bit changes.
Unlimited loosening torque for slackening stuck screws.

Multi-component Kraftform handle with hard and soft zones for high working speeds, whilst being easy on the hand.

Suitable for bits with a 4 mm Halfmoon drive (Wera series 9) and a 4 mm HIOS drive (Wera series 21).

Please note: 1 Ncm = 0.01 Nm.

- ESD-safe tool thanks to surface resistance of $\leq 10^9$ Ohm
- Suitable for bits with 4 mm halfmoon and 4 mm HIOS drive

Series 7400 ESD Kraftform torque screwdrivers with a customised factory pre-set measurement value, with quick-release chuck



	EAN	Art.No.	Nm	mm	mm		
Code	4013288						
05074826010	188281	7455 ESD	0,1-0,34	89	138	5 1/4"	1
05074828010	188298	7456 ESD	0,3-1,0	89	138	5 1/4"	1

^{*)}The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

7510 Kraftform Safe-Torque Speed Torque screwdriver, 1-3 Nm

- Torque screwdriver with quick torque adjustment
- Easy and quick torque setting
- Fixed position (Torque Lock) for unlimited tightening and loosening moments
- Secure slip-over torque function for clockwise/anti-clockwise torque-control
- Quick and easy setting of the selectable tightening torques (1.0; 1.5; 2.0; 2.5; 3.0 Nm)
- For bits with 1/4" external hexagon drive, also suitable for socket wrench inserts via adapter

7510 Kraftform Safe-Torque Speed Torque screwdriver, 1-3 Nm



	EAN							
Code	4013288		Nm	Nm	Nm	Nm	Nm	
05075810001	230669	1/4"	1,0	1,5	2,0	2,5	3,0	1

7510/14 Safe-Torque Speed Tool set for carbide inserts

14-piece tool set. For professional screwdriving/professional fine adjustment AND for torque-controlled screwdriving. Secure slip-over torque mechanism with quick clockwise/counterclockwise setting and five selectable tightening torques (1.0; 1.5; 2.0; 2.5; 3.0 Nm) and one fixed position (Torque Lock) for unlimited loosening and tightening moments. Quick-release holder for high robustness; suitable for bits with 1/4" external hexagon drive. 14 tough bits (25 mm length) for TORX PLUS®, TORX® and hexagonal socket screws.

The tool set is particularly suitable for bolting carbide inserts. The Safe-Torque Speed 7510 torque wrench with its five selectable torque values recommended by leading carbide tool manufacturers ensures a reliable torque-controlled screw connection of replaceable carbide inserts.

- Particularly suitable for bolting carbide inserts
- Quick and easy setting of the selectable tightening torques (1.0; 1.5; 2.0; 2.5; 3.0 Nm)
- Suitable for docking with the Wera 2go system

7510/14 Safe-Torque Speed Tool set for carbide inserts



	Code	EAN		
	05075840001	230683		1
			7510 1x 1/4"x1,0 Nm/1,5 Nm/2,0 Nm/ 2,5 Nm/3,0 Nm x 147,5	
			867/1 IP TORX PLUS® 1x 7 IPx25; 1x 8 IPx25; 1x 9 IPx25; 1x 10 IPx25; 1x 15 IPx25	
			867/1 TORX® 1x TX 7x25; 1x TX 8x25; 1x TX 9x25; 1x TX 10x25; 1x TX 15x25	
			840/1 Z 1x 2,0x25; 1x 2,5x25; 1x 3,0x25	

7515 Kraftform Safe-Torque Speed Torque screwdriver, 2-6 Nm

- Torque screwdriver with quick torque adjustment
- Easy and quick torque setting
- Fixed position (Torque Lock) for unlimited tightening and loosening moments
- Secure slip-over torque function for clockwise/anti-clockwise torque-control
- Quick and easy setting of the selectable tightening torques (2.0; 3.0; 4.0; 5.0; 6.0 Nm)
- For bits with 1/4" external hexagon drive, also suitable for socket wrench inserts via adapter
- For bits with 1/4" external hexagon drive, also suitable for socket wrench inserts via adapter

7515 Kraftform Safe-Torque Speed Torque screwdriver, 2-6 Nm



	EAN								
Code	4013288		Nm	Nm	Nm	Nm	Nm	Nm	
05075815001	228314	1/4"	2,0	3,0	4,0	5,0	6,0		1

7515/16 Kraftform Safe-Torque Speed Universal 1

16-piece tool set. For professional screwdriving/professional fine adjustment AND for torque-controlled screwdriving. Secure slip-over torque mechanism with quick clockwise/counterclockwise setting and five selectable tightening torques (2.0; 3.0; 4.0; 5.0; 6.0 Nm) and one fixed position (Torque Lock) for unlimited loosening and tightening moments.

Quick-release holder for high robustness. Suitable for bits with 1/4" external hexagon drive. 15 tough bits (89 mm length).

- Torque screwdriver with quick torque adjustment
- Quick and easy setting of the selectable tightening torques (2.0; 3.0; 4.0; 5.0; 6.0 Nm)
- Suitable for docking with the Wera 2go system

7515/16 Kraftform Safe-Torque Speed Universal 1



	Code	EAN		
		4013288		
	05075851001	228338		1
			7515	
			1x 1/4"x1,0 Nm/1,5 Nm/2,0 Nm/2,5 Nm/3,0 Nm x 147,5	
			851/4 Z	
			1x PH 2x89	
			867/4 Z TORX® B0	
			1x TX 10x89; 1x TX 15x89; 1x TX 20x89; 1x TX 25x89; 1x TX 30x89	
			867/4 IP TORX PLUS®	
			1x 10 IPx89; 1x 15 IPx89; 1x 20 IPx89; 1x 25 IPx89; 1x 30 IPx89	
			840/4 Z	
			1x 3,0x89; 1x 4,0x89; 1x 5,0x89; 1x 6,0x89 ¹⁾	

¹⁾Hexagonal blade

7515/7 Kraftform Safe-Torque Speed Bicycle 1

7-piece tool set. For professional screwdriving/professional fine adjustment AND for torque-controlled screwdriving. Secure slip-over torque mechanism with quick clockwise/counterclockwise setting and five selectable tightening torques (2.0; 3.0; 4.0; 5.0; 6.0 Nm) and one fixed position (Torque Lock) for unlimited loosening and tightening moments. Quick-release holder for high robustness. Ideal for bike operations. Suitable for bits with 1/4" external hexagon drive.

6 tough bits (50 mm length), profile and size of the bits are easily recognized thanks to the Wera Take it easy Tool finder with its colour codes and labels.

- Bicycle tool set
- Torque screwdriver with quick torque adjustment
- Quick and easy setting of the selectable tightening torques (2.0; 3.0; 4.0; 5.0; 6.0 Nm)
- Take it easy tool finder: colour coding according to profile and size
- Suitable for docking with the Wera 2go system

7515/7 Kraftform Safe-Torque Speed Bicycle 1



Code	EAN		
05075850001	228321		1
		7515 1x 1/4"x1,0 Nm/1,5 Nm/2,0 Nm/ 2,5 Nm/3,0 Nm x 147,5	
		867/4 TORX® BTZ 1x TX 10x50; 1x TX 25x50	
		840/4 BTZ 1x 2,5x50; 1x 3,0x50; 1x 4,0x50; 1x 5,0x50	

300 Hex Torque-indicator

Wera torque screwdriver with fixed torque for hexagon socket screws. Tamperproof and with a slim hex blade. Unlimited torque for loosening seized screws.

Multi-component Kraftform handle for pleasant, ergonomic working that prevents blisters and calluses. Hard gripping zones for high working speeds whereas soft zones ensure high torque transfer.

Comes with Hex-Plus profile which avoids any rounding of the screw head. The Black Point tip offers high corrosion protection and an exact fit.

300 Hex Torque-indicator



	EAN							
Code	4013288		Nm	ft. lb.	mm	mm	mm	
05027910001	096425	2,0	1,4	1,0	4	3,5	65	1
05027911001	096432	2,5	2,0	1,5	4	3,8	65	1
05027912001	096449	3,0	3,0	2,2	4	3,8	65	1

300 Hex Torque-indicator, pistol handle



	EAN							
Code	4013288		Nm	ft. lb.	mm	mm	mm	
05027913001	099150	4,0	5,0	3,7	160	100	65	1

300 TX TORX® Torque-indicator

- For recessed TORX® screws

300 TX TORX® Torque-indicator



	EAN							
Code	4013288		Nm	ft. lb.	mm	mm	mm	
05027930001	093325	TX 6	0,6	0,4	4	3,5	65	1
05027931001	093332	TX 7	0,9	0,7	4	3,5	65	1
05027932001	093349	TX 8	1,2	0,9	4	3,5	65	1
05027933001	093356	TX 9	1,4	1,0	4	3,5	65	1
05027934001	093370	TX 10	2,0	1,5	4	3,8	65	1
05027935001	093363	TX 15	3,0	2,2	4	3,8	65	1

300 TX TORX® Torque-indicator, pistol handle



	EAN							
Code	4013288		Nm	ft.lb.	mm	mm	mm	
05027936001	099143	TX 20	5,0	3,7	160	100	65	1

300 IP TORX PLUS® Torque-indicator

- For TORX PLUS® screws

300 IP TORX PLUS® Torque-indicator



	EAN							
Code	4013288		Nm	ft. lb.	mm	mm	mm	
05028040001	093387	6 IP	0,6	0,4	4	3,5	65	1
05028041001	093394	7 IP	0,9	0,7	4	3,5	65	1
05028042001	093431	8 IP	1,2	0,9	4	3,5	65	1
05028043001	093400	9 IP	1,4	1,0	4	3,5	65	1
05028044001	093417	10 IP	2,0	1,5	4	3,8	65	1
05028045001	093424	15 IP	3,0	2,2	4	3,8	65	1

300 IP TORX PLUS® Torque-indicator, pistol handle



	EAN							
Code	4013288		Nm	ft.lb.	mm	mm	mm	
05028046001	099136	20 IP	5,0	3,7	160	100	65	1

400 Hex Torque-indicator

Wera torque indicator with fixed torque for hexagon sockets. Tamper proof. The robust slip clutch guarantees a clearly audible and tactile trigger signal when the set torque value is reached, and it is therefore impossible to apply any further torque.

The loosening torque is significantly higher than the set tightening torque, therefore no additional tools are needed for loosening screw connections. The shape of the handle fills the whole hand well and the fingers lie in the softly rounded recessed grips. This ensures optimal, ergonomic power transmission.

400 Hex Torque-indicator



	EAN							
Code	4013288		Nm	mm	mm	mm		
05005080001	208835	4,0	4,0	60	48	100	2 3/8"	1
05005081001	208842	5,0	5,0	60	48	100	2 3/8"	1

400 TX Torque-indicator

- For recessed TORX® screws

400 TX Torque-indicator



	EAN							
Code	4013288		Nm	mm	mm	mm		
05005090001	208811	TX 20	4,0	60	48	100	2 3/8"	1
05005091001	208828	TX 25	5,0	60	48	100	2 3/8"	1

Click-Torque A 5 torque wrench with reversible ratchet

Click-Torque wrench in the unmistakable, robust Wera design with high accuracy as per DIN EN ISO 6789-1: 2017-07. Easy setting and saving of the default value.

The audible and tactile clicks on reaching the scale values also facilitate the safe setting of the desired torque value. The robust release mechanism guarantees a clearly audible and tactile release signal when the set torque is reached.

For right-hand use (clockwise torque-control) and with 45-tooth reversible ratchet mechanism.

- With 1/4" square drive, reversible ratchet, 45 teeth
- Measuring range: 2.5-25 Nm; precise to +/- 4% as per DIN EN ISO 6789-1:2017-07

Click-Torque A 5 torque wrench with reversible ratchet, 2.5-25 Nm



	EAN																
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm							
05075604001	193179	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"		1

Click-Torque A 6 torque wrench with reversible ratchet, 2.5-25 Nm

- With 1/4" hex drive, reversible ratchet, 45 teeth
- Measuring range: 2.5-25 Nm; Precise to +/- 4% as per DIN EN ISO 6789-1:2017-07

Click-Torque A 6 torque wrench with reversible ratchet, 2.5-25 Nm



	EAN																
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm							
05075605001	193186	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"		1

Click-Torque A 6 Set 1

Click torque wrench in the unmistakable Wera design.
Very robust design with high accuracy as per
DIN EN ISO 6789-1: 2017-07.

Easy setting and saving of the default value. The audible and tactile clicks on reaching the scale values facilitate the safe setting of the desired torque value.

The robust release mechanism guarantees a clearly audible and tactile release signal when the set torque is reached.

Provides clockwise torque-control and 45-tooth ratchet mechanism. The Wera click torque wrench is accompanied with various accessories in a compact set arrangement.

Included are: Click-Torque A 6 1/4" from 2.5 to 25 Nm, 6 sockets with 1/4" drive, 11 Hex-Plus hexagon bits, Phillips head bits and TORX® bits, plus an extension and socket adaptor.

Click-Torque A 6 Set 1, 2.5-25 Nm



			
Code	EAN		
05130110001	4013288 205643		1
		Click-Torque A 6 1x 1/4", 2,5-25 Nm	
		 851/4 TZ 1x PH 2x50	
		 867/4 Z TORX® 1x TX 15x50; 1x TX 20x50; 1x TX 25x50; 1x TX 27x50; 1x TX 30x50; 1x TX 40x50	
		 840/4 Z 1x 3,0x50; 1x 4,0x50; 1x 5,0x50; 1x 6,0x50 ¹⁾	
		 870/1 1x 1/4"x25 ²⁾	
		 8794 SA 1x 1/4"x75,0	
		 8790 HMA 1x 6,0x23,0; 1x 7,0x23,0; 1x 8,0x23,0; 1x 10,0x23,0; 1x 12,0x23,0; 1x 13,0x23,0	
		Hook and Loop Fastener Strip 240 1x 50,0x240,0	

¹⁾Hexagonal blade

²⁾With friction ball; for manual nut spinner sockets

Bicycle Set Torque 1, 2.5-25 Nm

The 16-piece set from the screwdriving tool specialist Wera solves the most important screwdriving problems associated with bicycles, with reliable control of applied torque to protect sensitive components. With a click-torque wrench in the unmistakable Wera design.

Very robust design with high accuracy as per DIN EN ISO 6789-1: 2017-07. Easy setting and saving of the default values. The audible and tactile snapping on reaching the scale values also facilitates the safe setting of the desired torque values.

The robust release mechanism guarantees a clearly audible and tactile trigger signal when the set torque is reached.

For clockwise torque-control and with a reversible 45-tooth ratchet. The torque wrench is extremely space-saving and supplemented with accessories that are suitable for the torque range and adapted to the most common screwed connections on bicycles; in a robust, surface-friendly textile box.

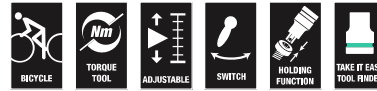
Included are: Click Torque A 5, 1/4", 2.5 - 25 Nm, 4 sockets with 1/4" drive, 7 Hex Plus hexagon bit sockets and 4 TORX® bit sockets. Sockets and bit sockets with Take it easy tool finder with colour coding by size - for easy and quick location of the required tool.

Bit sockets with holding function for extra comfortable screw-driving without the screw falling off the tool. Incredibly compact arrangement for a lot of tools in a small space.

Textile box with very high robustness and longevity. Additional surface protection through the textile outer material.

Low weight and volume for easier mobility. Bit sockets with all the benefits of Wera bit technology such as fitting accuracy, wear resistance and concentric run-out properties.

Bicycle Set Torque 1, 2.5-25 Nm

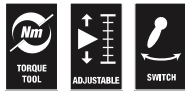


Code	EAN		
	4013288		
05004180001	207685		1
		Click-Torque A 5 1x 1/4", 2,5-25 Nm	
		8790 HMA 1x 10,0x23,0; 1x 13,0x23,0; 1x 14,0x23,0; 1x 15,0x23,0	
		8767 A 1x TX 10x28,0; 1x TX 20x28,0; 1x TX 25x28,0; 1x TX 30x28,0	
		8740 A HF 1x 3,0x28,0; 1x 4,0x28,0; 1x 5,0x28,0; 1x 5,0x100,0; 1x 6,0x28,0; 1x 6,0x100,0; 1x 8,0x28,0	
		Hook and Loop Fastener Strip 240 1x 50,0x240,0	

Click-Torque B 1 torque wrench with reversible ratchet, 10-50 Nm

- With $\frac{3}{8}$ " square drive, reversible ratchet, 45 teeth
- Measuring range: 10-50 Nm; Precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque B 1 torque wrench with reversible ratchet, 10-50 Nm



Code	EAN		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm							
05075610001	193193	$\frac{3}{8}$ "	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 $\frac{3}{8}$ "	$\frac{5}{8}$ "		1

Click-Torque B 2 torque wrench with reversible ratchet, 20-100 Nm

- With $\frac{3}{8}$ " square drive, reversible ratchet, 45 teeth
- Measuring range: 20-100 Nm; precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque B 2 torque wrench with reversible ratchet, 20-100 Nm



Code	EAN		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm							
05075611001	193209	$\frac{3}{8}$ "	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 $\frac{11}{16}$ "	$\frac{45}{64}$ "		1

Click-Torque C 1 torque wrench with reversible ratchet, 10-50 Nm

- With $\frac{1}{2}$ " square drive, reversible ratchet, 45 teeth
- Measuring range: 10-50 Nm; Precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque C 1 torque wrench with reversible ratchet, 10-50 Nm



Code	EAN		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm							
05075620001	193216	$\frac{1}{2}$ "	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 $\frac{3}{8}$ "	$\frac{5}{8}$ "		1

Click-Torque C 2 torque wrench with reversible ratchet, 20-100 Nm

- With 1/2" square drive, reversible ratchet, 45 teeth
- Measuring range: 20-100 Nm; precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque C 2 torque wrench with reversible ratchet, 20-100 Nm



	EAN																
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm							
05075621001	193223	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"		1

Click-Torque C 3 torque wrench with reversible ratchet, 40-200 Nm

- With 1/2" square drive, reversible ratchet, 45 teeth
- Measuring range: 40-200 Nm; precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque C 3 torque wrench with reversible ratchet, 40-200 Nm



	EAN																
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm							
05075622001	193230	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"		1

Click-Torque C 3 Set 1, 40-200 Nm

Click torque wrench set in the unmistakable Wera design. Very robust design with high accuracy as per DIN EN ISO 6789-1: 2017-07.

Easy setting and saving of the default values. The audible and tactile snapping on reaching the scale values also facilitates the safe setting of the desired torque values.

The robust release mechanism guarantees a clearly audible and tactile trigger signal when the set torque is reached. For clockwise torque-control and with reversible 45-tooth ratchet.

Torque wrenches and torque-compatible accessories are packed in an extremely space-saving, robust, surface-friendly textile box.

Contains: Click Torque C 3, 1/2", 40-200 Nm, 4 sockets with 1/2" drive, 7 hex plus hexagon socket and TORX® bit sockets plus extension.

Click-Torque C 3 Set 1, 40-200 Nm



Code		EAN		
05075680001		207609		1
			Click-Torque C 3 1x 1/2", 40-200 Nm	
			8790 HMC 1x 10,0x37,0; 1x 13,0x37,0; 1x 17,0x37,0; 1x 19,0x37,0	
			8767 C HF 1x TX 30x60,0; 1x TX 40x60,0; 1x TX 45x60,0; 1x TX 50x60,0	
			8740 C HF 1x 6,0x60,0; 1x 8,0x60,0; 1x 10,0x60,0	
			8794 SC 1x 1/2"x125,0	

Click-Torque C 3 set 2 for cement screwdriving, 40-200 Nm

11-piece set for fitting security-relevant cement screws with defined torque moments as per screw manufacturer instructions.

With Take it easy tool finder with colour coding and size stamping - for easy and fast location of the required tool.

- For fitting security-relevant cement screws with defined torque moments as per screw manufacturer instructions
- 8790 C Impaktor socket wrench inserts for the application with compressed air or electrically driven impact wrenches with 12.5 mm = 1/2" drive (13 mm to 21 mm)
- Click-Torque C 3 torque wrench with reversible ratchet (measuring range: 40-200 Nm; precision ± 3 % as per DIN EN ISO 6789-1:2017-07)
- 11-piece set in premium textile tool box

Click-Torque C 3 set 2 for cement screwdriving, 40-200 Nm

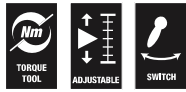


Code		EAN		
05075681001		217561		1
			Click-Torque C 3 1x 1/2", 40-200 Nm	
			8790 C Impaktor 1x 13,0x38,0; 1x 14,0x38,0; 1x 15,0x38,0; 1x 16,0x38,0; 1x 17,0x38,0; 1x 18,0x38,0; 1x 19,0x38,0; 1x 20,0x38,0; 1x 21,0x38,0	
			8894 SC 1x 1/2"x125,0	

Click-Torque C 4 torque wrench with reversible ratchet, 60-300 Nm

- With 1/2" square drive, reversible ratchet, 45 teeth
- Measuring range: 60-300 Nm; Precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque C 4 torque wrench with reversible ratchet, 60-300 Nm

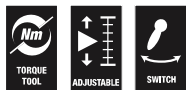


	EAN															
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075623001	193247	1/2"	60-300	1,0	45-220	595	140	47	43	18,5	23 27/64"	5 33/64"	1 27/32"	1 11/16"	45/64"	1

Click-Torque C 5 torque wrench with reversible ratchet, 80-400 Nm

- With 1/2" square drive, reversible ratchet, 45 teeth
- Measuring range: 80-400 Nm; Precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque C 5 torque wrench with reversible ratchet, 80-400 Nm



	EAN															
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075624001	193254	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"	1

Click-Torque E 1 torque wrench with reversible ratchet, 200-1000 Nm

- With 3/4" square drive, reversible ratchet, 45 teeth
- Measuring range: 200-1000 Nm; precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque E 1 torque wrench with reversible ratchet, 200-1000 Nm



	EAN															
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075630001	193261	3/4"	200-1000	1,00	148-737	1250	140	47	63	30	49 7/32"	5 33/64"	1 27/32"	2 31/64"	1 3/16"	1

Click-Torque Push R/L adjustable torque wrenches for clockwise and anti-clockwise torque-control

Click torque wrench in the unmistakable Wera design. For clockwise and anti-clockwise torque-control. Very robust design with high accuracy as per DIN EN ISO 6789-1: 2017-07. Easy setting and saving of the default value. The audible and tactile clicks on reaching the scale values facilitate the safe setting of the desired torque value. The robust release mechanism guarantees a clearly audible and tactile release signal when the set torque is reached.

With captive $\frac{3}{4}$ " square head insert to change direction. $\frac{1}{2}$ " square head drive with socket locking.

- For clockwise and anti-clockwise torque-control thanks to the smooth reversing of the captive square head insert
- Measuring range: 20-100 Nm; precise to $\pm 3\%$ as per DIN EN ISO 6789-1:2017-07
- 45 teeth and $\frac{1}{2}$ " square head drive with socket locking
- Easy setting and saving of the desired torque value with audible and tactile clicks when reaching the scale values
- Audible and tactile release mechanism when the set torque value is reached
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque C 2 Push R/L adjustable torque wrench for clockwise and anti-clockwise torque-control, 20-100 Nm



		EAN															
Code	4013288			Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
05075625001	218926	$\frac{1}{2}$ "	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 $\frac{11}{16}$ "	$\frac{45}{64}$ "		1

Click-Torque C 3 Push R/L adjustable torque wrench for clockwise and anti-clockwise torque-control, 40-200 Nm

- Measuring range: 40-200 Nm; precise to $\pm 3\%$ as per DIN EN ISO 6789-1:2017-07
- For clockwise and anti-clockwise torque-control thanks to the smooth reversing of the captive square head insert
- 45 teeth and $\frac{1}{2}$ " square head drive with socket locking
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque C 3 Push R/L adjustable torque wrench for clockwise and anti-clockwise torque-control, 40-200 Nm



		EAN															
Code	4013288			Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
05075626001	218933	$\frac{1}{2}$ "	40-200	1,0	30-146	510	140	47	43	18,5	20 $\frac{5}{64}$ "	5 $\frac{33}{64}$ "	1 $\frac{27}{32}$ "	1 $\frac{11}{16}$ "	$\frac{45}{64}$ "		1

Click-Torque E 1 Push R/L adjustable torque wrench for clockwise and anti-clockwise torque-control, 200-1000 Nm

- For clockwise and anti-clockwise torque-control thanks to smooth reversing of the captive square head insert
- Measuring range: 200-1000 Nm; precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- 45 teeth and $\frac{3}{4}$ " square head drive
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque E 1 Push R/L adjustable torque wrench for clockwise and anti-clockwise torque-control, 200-1000 Nm



	EAN															
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm						
05075631001	219053	$\frac{3}{4}$ "	200-1000	1,0	148-737	1250	140	47	63	30	49 $\frac{7}{32}$ "	5 $\frac{33}{64}$ "	1 $\frac{27}{32}$ "	2 $\frac{31}{64}$ "	1 $\frac{3}{16}$ "	1

Click-Torque X 1 torque wrench for insert tools, 2.5-25 Nm

Click-Torque wrench in the unmistakable, robust Wera design with high accuracy as per DIN EN ISO 6789-1: 2017-07. Easy setting and saving of the default value.

The audible and tactile clicks on reaching the scale values also facilitate the safe setting of the desired torque value. The robust release mechanism guarantees a clearly audible and tactile release signal when the set torque is reached. For right-hand and left-hand use and with 9x12mm insert square for the insertion of insert tools.

- For 9x12 mm interchangeable insert tools.
- Measuring range: 2.5-25 Nm; Precise to +/- 4% as per DIN EN ISO 6789-1:2017-07

Click-Torque X 1 torque wrench for insert tools, 2.5-25 Nm



	EAN					S_k	l_k									
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
05075651001	193773	9x12	2.5-25	0,10	1-18	292	17,5	240,0	121	42	24	20	11 $\frac{9}{64}$ "	4 $\frac{49}{64}$ "	1 $\frac{21}{32}$ "	$\frac{15}{16}$ "

* S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque X 2 torque wrench for insert tools, 10-50 Nm

- For 9x12 mm interchangeable insert tools.
- Measuring range: 10-50 Nm; Precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque X 2 torque wrench for insert tools, 10-50 Nm



	EAN					S_k	l_k									
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
05075652001	193797	9x12	10-50	0,25	8-36	338	17,5	285,0	140	47	29	20	13 $\frac{5}{16}$ "	5 $\frac{33}{64}$ "	1 $\frac{27}{32}$ "	1 $\frac{9}{64}$ "

* S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque X 3 torque wrench for insert tools, 20-100 Nm

- For 9x12 mm interchangeable insert tools.
- Measuring range: 20-100 Nm; precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque X 3 torque wrench for insert tools, 20-100 Nm



	EAN						S_k	l_k										
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm							
05075653001	193780	9x12	20-100	0,5	15-73	390	17,5	329,0	140	47	29	20	14 ⁴¹ / ₆₄ "	5 ³³ / ₆₄ "	1 ²⁷ / ₃₂ "	1 ⁹ / ₆₄ "	1	

* S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque X 4 torque wrench for insert tools, 40-200 Nm

- For 14x18 mm interchangeable insert tools
- Measuring range: 40-200 Nm; precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque X 4 torque wrench for insert tools, 40-200 Nm



	EAN						S_k	l_k										
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm						
05075654001	193803	14x18	40-200	1,0	30-146	487	25,5	435,0	140	47	32	26	18 ⁵⁷ / ₆₄ "	5 ³³ / ₆₄ "	1 ²⁷ / ₃₂ "	1 ¹⁷ / ₆₄ "		1

* S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque X 5 torque wrench for insert tools, 60-300 Nm

- For 14x18 mm interchangeable insert tools
- Measuring range: 60-300 Nm; Precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque X 5 torque wrench for insert tools, 60-300 Nm



	EAN						S_k	l_k									
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm					
05075655001	193810	14x18	60-300	1,0	45-220	578	25,5	525,0	140	47	32	26	22 7/16"	5 33/64"	1 27/32"	1 17/64"	1

* S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque X 6 torque wrench for insert tools, 80-400 Nm

- For 14x18 mm interchangeable insert tools
- Measuring range: 80-400 Nm; Precise to +/- 3% as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque X 6 torque wrench for insert tools, 80-400 Nm



Code	EAN		Nm	Nm	lbf. ft.	mm	S _k	l _k	mm	mm	mm	mm	mm	mm	mm	mm	
05075656001	193827	14x18	80-400	1,0	60-295	665	25,5	615,0	140	47	32	26	25 25/32"	5 33/64"	1 27/32"	1 17/64"	1

¹ S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque X 7 torque wrench for insert tools, 10-100 Nm

- For 14x18 mm interchangeable insert tools
- Measuring range: 10-100 Nm; precision ± 4 % as per DIN EN ISO 6789-1:2017-07
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided. Also serves as "anti-roll protection"
- The laser-engraved, abrasion-proof QR code makes it easier to determine the correct torque value depending on the torque wrench and insert tool used

Click-Torque X 7 torque wrench for insert tools, 10-100 Nm



Code	EAN		Nm	Nm	lbf. ft.	mm	S _k	l _k	mm	mm	mm	mm	mm	mm	mm	mm	
05075657001	229335	14x18	10-100	0,5	8-73	395	25,5	343,0	140	47	29	20	14 41/64"	5 33/64"	1 27/32"	1 9/64"	1

¹ S_k = Actual dimension of the test attachment; l_k = Distance from the force application point to the test device axis

9530 Torque wrench set for heat pumps/air conditioning

4-piece Click-Torque torque wrench set with three self-setting exchangeable Joker insert spanners. For the proper tightening of screw connections when installing and repairing refrigeration and air conditioning systems as well as heat pumps. Click torque wrench in the distinctive Wera design.

Very robust design with high accuracy as per DIN EN ISO 6789-1:2017-07. Easy setting and saving of the default value. The audible and tactile clicks on reaching the scale values facilitate the safe setting of the desired torque value. The robust release mechanism guarantees a clearly audible and tactile release signal when the set torque value is reached. For clockwise and anti-clockwise torque-control and with 14x18 mm square head insert for mounting corresponding insert tools.

With its continuous and parallel jaws, the three self-setting Joker 7880 insert spanners replace several single spanner sizes.

The required size is automatically and continuously set when attaching the tool to the hexagon bolt or screw. The ratchet feature ensures fast and consistent screwdriving without removing the tool. By using the corner-width rectangular prisms, a return angle of only 30° can be achieved.

- Set for the proper tightening of screw connections when installing and repairing refrigeration and air conditioning systems as well as heat pumps
- Click-Torque X 7 torque wrench with mounting for exchangeable insert tools 14x18 mm
- Measuring range: 10-100 Nm; precision $\pm 4\%$ as per DIN EN ISO 6789-1:2017-07
- The adjustable 7880 Joker covers all metric and imperial dimensions in the respective field of application
- Automatic and continuous gripping of the hexagon screw or bolt
- Fast and consistent screwdriving without removing the wrench thanks to mechanical ratchet function
- The laser-engraved, abrasion-proof QR code makes it easier to determine the correct torque value depending on the torque wrench and insert tool used

9530 Torque wrench set for heat pumps/air conditioning



			
Code	EAN		
05136076001	4013288 228987		1
		Click-Torque X 7 1x 14x18, 10-100 Nm	
		7880 Joker XXL 1x 14x18x24-32x(¹⁵ / ₁₆ "-1 ¹ / ₄ ")x113,5	
		7880 Joker XL 1x 14x18x19-24x(³ / ₄ "- ¹⁵ / ₁₆ ")x95,0	
		7880 Joker L 1x 14x18x16-19x(⁵ / ₈ "- ³ / ₄ ")x85,5	

Click-Torque XP 1 pre-set adjustable torque wrench for insert tools, 2.5-25 Nm, 2.5 Nm

Torque wrench with pre-set torque value for all applications where the same torque and repeat accuracy is required.
The torque value can be changed within the metered range.

The robust release mechanism guarantees a clearly audible and tactile trigger signal when the set torque value is reached.
Square socket for interchangeable plug-in tools for clockwise and anti-clockwise torque-control. A presetting which deviates from this value to a desired torque value within the specified metered range is possible on request.

- With square socket (9x12 mm) for interchangeable plug-in tools; clockwise and anti-clockwise torque-control
- Pre-set click torque wrench in unmistakable Wera design
- Measuring range: 2.5-25 Nm; Precise to +/- 2% as per DIN EN ISO 6789-1:2017-07
- Pre-set torque values can be changed within the metered range in the test laboratory

Click-Torque XP 1 pre-set adjustable torque wrench for insert tools, 2.5-25 Nm, 2.5 Nm



Code	EAN		Nm	Nm	lbf. ft.	mm	S _k	l _k									
05075670001	206169	9x12	2,5	2,5-25	2-18	217	17,5	180,0	137	35	24	20	8 35/64"	5 25/64"	1 3/8"	15/16"	1
05075670010 ¹⁾	206206	9x12	2,5	2,5-25	2-18	217	17,5	180,0	137	35	24	20	8 35/64"	5 25/64"	1 3/8"	15/16"	1

¹⁾Any presetting which differs from this value, can be set to a desired torque value within the specified metered range upon request. The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

²⁾S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque XP 2 pre-set adjustable torque wrench for insert tools, 10-50 Nm, 10 Nm

- With square socket (9x12 mm) for interchangeable plug-in tools; clockwise and anti-clockwise torque-control
- Measuring range: 10-50 Nm; Precise to +/- 2% as per DIN EN ISO 6789-1:2017-07
- Pre-set torque values can be changed within the metered range in the test laboratory

Click-Torque XP 2 pre-set adjustable torque wrench for insert tools, 10-50 Nm, 10 Nm



Code	EAN		Nm	Nm	lbf. ft.	mm	S _k	l _k									
05075671001	206176	9x12	10,0	10-50	8-36	262	17,5	225,0	137	35	24	20	10 5/16"	5 25/64"	1 3/8"	15/16"	1
05075671010 ¹⁾	206213	9x12	10,0	10-50	8-36	262	17,5	225,0	137	35	24	20	10 5/16"	5 25/64"	1 3/8"	15/16"	1

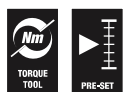
¹⁾Any presetting which differs from this value, can be set to a desired torque value within the specified metered range upon request. The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

²⁾S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque XP 3 pre-set adjustable torque wrench for insert tools, 15-100 Nm, 15 Nm

- With square socket (9x12 mm) for interchangeable plug-in tools; clockwise and anti-clockwise torque-control
- Measuring range: 15-100 Nm; Precise to +/- 2% as per DIN EN ISO 6789-1:2017-07
- Pre-set torque values can be changed within the metered range in the test laboratory

Click-Torque XP 3 pre-set adjustable torque wrench for insert tools, 15-100 Nm, 15 Nm



	EAN						S_k	l_k									
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
05075672001	206183	9x12	15,0	15-100	11-74	332	17,5	296,0	137	35	24	20	13 5/64"	5 25/64"	1 3/8"	15/16"	1
05075672010 ¹⁾	207999	9x12	15,0	15-100	11-74	332	17,5	296,0	137	35	24	20	13 5/64"	5 25/64"	1 3/8"	15/16"	1

¹⁾Any presetting which differs from this value, can be set to a desired torque value within the specified metered range upon request. The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

²⁾S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

Click-Torque XP 4 pre-set adjustable torque wrench for insert tools, 20-250 Nm, 20 Nm

- With square socket (14 x18) for interchangeable plug-in tools; clockwise and anti-clockwise torque-control
- Measuring range: 20-250 Nm; Precise to +/- 2% as per DIN EN ISO 6789-1:2017-07
- Pre-set torque values can be changed within the metered range in the test laboratory
- The Click-Torque collar is placed around the tube of the Wera Click-Torque torque wrench. It prevents the handle from touching the ground. Dirt and damage are avoided

Click-Torque XP 4 pre-set adjustable torque wrench for insert tools, 20-250 Nm, 20 Nm



	EAN						S_k	l_k									
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
05075673001	206190	14x18	20,0	20-250	15-184	457	25,5	430,0	145	41	32	26	17 63/64"	5 45/64"	1 39/64"	1 17/64"	1
05075673010 ¹⁾	206220	14x18	20,0	20-250	15-184	457	25,5	430,0	145	41	32	26	17 63/64"	5 45/64"	1 39/64"	1 17/64"	1

¹⁾Any presetting which differs from this value, can be set to a desired torque value within the specified metered range upon request. The desired settings can be made in the following units: Nm, kgf. m, lbf. ft., ozf. in., dN. m, kgf. cm, lbf. in, in. oz, cN. m, gf. m, ft. lb, gf. cm, in. lb.

²⁾S_k = Depth gauge of test attachment to pivot point; l_k = Length of holding position to torque measurement point

NEW

Simple and error-free determination of the torque value

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

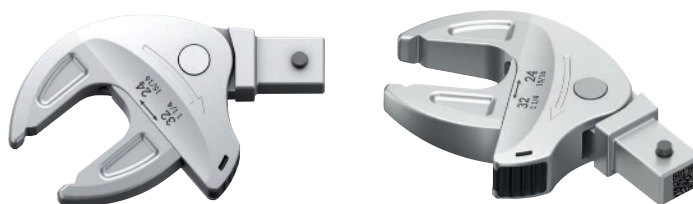


www.wera.de/torque-advisor

7880 Joker XXL Self-setting insert spanner for wrench sizes 24-32 mm, 14x18 mm

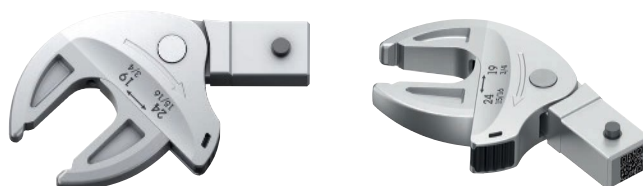
- For torque wrenches of the Click-Torque X series with 14x18 mm holder
- The adjustable 7880 Joker covers all metric and imperial dimensions in the respective field of application
- Automatic and continuous gripping of the hexagon screw or bolt
- Lever mechanism when gripping avoids slippage and damage
- Fast and consistent screwdriving without removing the wrench thanks to mechanical ratchet function
- Return angle of only 30° through placement in the corner-width rectangular prisms in the open end
- The laser-engraved, abrasion-proof QR code makes it easier to determine the correct torque value depending on the torque wrench and insert tool used

7880 Joker XXL Self-setting insert spanner for wrench sizes 24-32 mm, 14x18 mm



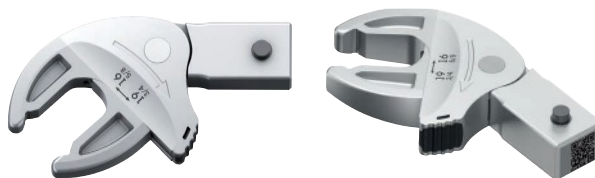
	EAN									
Code	4013288	mm	mm	mm	mm	mm	mm	mm	mm	
05020173001	229380	14x18	24-32	15/16"-1 1/4"	24,0 27,0 30,0 32,0	62,2 68,0 70,2 70,4	15/16" 31/32" 1" 1 1/16" 1 1/8" 1 3/16" 1 1/4"	62,2 63,9 65,4 66,4 69,5 70,1 70,2	113,5	1

7880 Joker XL Self-setting insert spanner for wrench sizes 19-24 mm, 14x18 mm



	EAN									
Code	4013288	mm	mm	mm	mm	mm	mm	mm	mm	
05020172001	229366	14x18	19-24	19,0 20,0 21,0 22,0 24,0	51,6 53,6 55,4 56,7 56,7	3/4" 25/32" 13/16" 7/8" 15/16"	51,6 53,3 54,7 56,7 56,7	3/4"-15/16"	95	1

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



	EAN									
Code	4013288	mm	mm		mm			mm	mm	
05020171001	229359	14x18	16-19	5/8"-3/4"	16,0 17,0 18,0 19,0	44,6 46,7 48,2 49,1	5/8" 11/16" 3/4"	44,4 47,3 49,1	85,5	1

7770 Open end insert, 9x12 mm

- Square insert tool 9x12 mm
- For torque wrenches of the Click-Torque X series with 9x12 mm holder
- Application: Hexagon screw heads or nuts
- With safety pin
- The chrome-vanadium steel version makes the plug-in tools suitable for heavy loads

7770 Open end insert, 9x12 mm

A Form

05078600001
05078601001
05078602001
05078603001
05078604001
05078605001



B Form

05078606001
05078607001
05078608001
05078609001
05078610001
05078611001
05078612001



	EAN								
Code	4013288	mm	mm	mm	mm	mm	mm	mm	
05078600001	196101	9x12	7	17,5	39,0	22,0	22,0	5,0	1
05078601001	196095	9x12	8	17,5	39,0	22,0	22,0	5,0	1
05078602001	196088	9x12	9	17,5	39,0	22,0	22,0	5,0	1
05078603001	196071	9x12	10	17,5	39,0	22,0	22,0	5,0	1
05078604001	196064	9x12	11	17,5	39,0	22,0	22,0	5,0	1
05078605001	196057	9x12	12	17,5	39,0	22,0	22,0	5,0	1
05078606001	196040	9x12	13	17,5	41,0	24,0	30,0	7,0	1
05078607001	196033	9x12	14	17,5	41,0	24,0	30,0	7,0	1
05078608001	196026	9x12	15	17,5	41,0	24,0	30,0	7,0	1
05078609001	196019	9x12	16	17,5	41,0	24,0	30,0	7,0	1
05078610001	196002	9x12	17	17,5	41,0	24,0	30,0	7,0	1
05078611001	196118	9x12	18	17,5	41,0	24,0	30,0	7,0	1
05078612001	196125	9x12	19	17,5	41,0	24,0	30,0	7,0	1

7780 Open end insert, 14x18 mm

Open end insert, for hexagon screw heads or nuts; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

7780 Open end insert, 14x18 mm

A Form
05078670001



B Form
05078671001
05078672001
05078673001
05078674001
05078675001
05078676001



C Form
05078677001
05078678001
05078679001
05078680001
05078681001



D Form
05078682001
05078683001
05078684001
05078685001
05078686001
05078687001



	EAN								
Code	4013288	mm	mm	mm	mm	mm	mm	mm	
05078670001	196729	14x18	13	25,5	56,0	32,0	30,0	7,0	1
05078671001	196736	14x18	14	25,5	58,0	33,0	32,0	8,0	1
05078672001	196743	14x18	15	25,5	58,0	33,0	32,0	8,0	1
05078673001	196750	14x18	16	25,5	58,0	33,0	32,0	9,0	1
05078674001	196767	14x18	17	25,5	58,0	33,0	32,0	9,0	1
05078675001	196774	14x18	18	25,5	58,0	33,0	32,0	9,7	1
05078676001	196781	14x18	19	25,5	58,0	33,0	32,0	9,7	1
05078677001	196798	14x18	21	25,5	61,0	36,0	52,0	11,0	1
05078678001	196804	14x18	22	25,5	61,0	36,0	52,0	11,0	1
05078679001	196811	14x18	24	27,5	61,0	36,0	52,0	12,0	1
05078680001	196828	14x18	26	30,0	61,0	36,0	52,0	13,0	1
05078681001	196835	14x18	27	30,0	61,0	36,0	52,0	13,0	1
05078682001	196842	14x18	29	30,0	61,0	36,0	52,0	14,0	1
05078683001	196859	14x18	30	30,0	61,0	36,0	52,0	14,0	1
05078684001	196866	14x18	32	32,5	61,0	36,0	52,0	14,0	1
05078685001	196873	14x18	36	32,5	61,0	36,0	52,0	15,0	1
05078686001	196880	14x18	38	32,5	61,0	36,0	52,0	15,0	1
05078687001	196897	14x18	41	32,5	61,0	36,0	52,0	15,0	1

7771 Ring spanner insert, 9x12 mm

Ring spanner insert, for hexagon screw heads or nuts; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7771 Ring spanner insert, 9x12 mm

A Form

05078620001
05078621001
05078622001
05078623001
05078624001



B Form

05078625001
05078626001
05078627001
05078628001
05078629001
05078630001
05078631001
05078632001



C Form

05078633001



	EAN								
Code	4013288	mm	mm	mm	mm	mm	mm	mm	
05078620001	196163	9x12	7	17,5	41,0	24,0	22,0	8,0	1
05078621001	196156	9x12	8	17,5	41,0	24,0	22,0	8,0	1
05078622001	196170	9x12	9	17,5	41,0	24,0	22,0	8,0	1
05078623001	196187	9x12	10	17,5	41,0	24,0	22,0	8,0	1
05078624001	196194	9x12	11	17,5	41,0	24,0	22,0	8,0	1
05078625001	196200	9x12	12	17,5	44,0	27,0	22,0	11,0	1
05078626001	196217	9x12	13	17,5	44,0	27,0	22,0	11,0	1
05078627001	196224	9x12	14	17,5	44,0	27,0	22,0	11,0	1
05078628001	196231	9x12	15	17,5	44,0	27,0	22,0	11,0	1
05078629001	196248	9x12	16	17,5	44,0	27,0	22,0	11,0	1
05078630001	196255	9x12	17	17,5	44,0	27,0	22,0	11,0	1
05078631001	196262	9x12	18	17,5	44,0	27,0	22,0	11,0	1
05078632001	196279	9x12	19	17,5	44,0	27,0	22,0	11,0	1
05078633001	196286	9x12	21	17,5	51,0	34,0	33,0	15,0	1

7781 Ring spanner insert, 14x18 mm

Ring spanner insert, for hexagon screw heads or nuts; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

7781 Ring spanner insert, 14x18 mm

A Form

05078690001
05078691001
05078692001



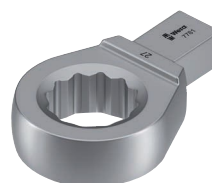
B Form

05078693001
05078694001
05078695001
05078696001
05078697001
05078698001
05078699001



C Form

05078700001
05078701001
05078702001
05078703001
05078704001
05078705001



	EAN								
Code	4013288	mm	mm	mm	mm	mm	mm	mm	
05078690001	196132	14x18	13	25,5	62,0	37,0	30,0	11,0	1
05078691001	196576	14x18	14	25,5	62,0	37,0	30,0	11,0	1
05078692001	196583	14x18	15	25,5	62,0	37,0	30,0	11,0	1
05078693001	196590	14x18	16	25,5	64,0	39,0	28,0	12,0	1
05078694001	196606	14x18	17	25,5	64,0	39,0	28,0	12,0	1
05078695001	196620	14x18	18	25,5	64,0	39,0	28,0	12,0	1
05078696001	196637	14x18	19	25,5	64,0	39,0	28,0	12,0	1
05078697001	196644	14x18	21	25,5	64,0	39,0	28,0	12,0	1
05078698001	196613	14x18	22	25,5	64,0	39,0	28,0	12,0	1
05078699001	196651	14x18	24	25,5	64,0	39,0	28,0	12,0	1
05078700001	196668	14x18	27	25,5	81,0	56,0	53,0	21,0	1
05078701001	196675	14x18	30	25,5	81,0	56,0	53,0	21,0	1
05078702001	196682	14x18	32	25,5	81,0	56,0	53,0	21,0	1
05078703001	196699	14x18	34	28,0	81,0	56,0	53,0	21,0	1
05078704001	196705	14x18	36	28,0	81,0	56,0	53,0	21,0	1
05078705001	196712	14x18	41	30,0	81,0	56,0	53,0	21,0	1

7772 A Ratchet insert, reversible, 9x12 mm

Ratchet insert, reversible, for 1/4" square socket wrench inserts and 1/4" connecting parts with square drive; for torque wrenches of the Click-Torque X series with 9x12 mm holder.



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078635001	196347	9x12	1/4"	17,5	49,0	32,0	28,0	15,0	1

7772 B Ratchet insert, reversible, 9x12 mm

Ratchet insert, reversible, for 3/8" square socket wrench inserts and 3/8" connecting parts with square drive; for torque wrenches of the Click-Torque X series with 9x12 mm holder.



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078636001	196446	9x12	3/8"	17,5	52,0	35,0	35,0	21,0	1

7772 C Ratchet insert, reversible, 9x12 mm

Ratchet insert, reversible, for 1/2" square socket wrench inserts and 1/2" connecting parts with square drive; for torque wrenches of the Click-Torque X series with 9x12 mm holder.



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078637001	196453	9x12	1/2"	20,0	58,0	41,0	42,0	23,0	1

7782 C Ratchet insert, reversible, 14x18 mm

Ratchet insert, reversible, for 1/2" square socket wrench inserts and 1/2" connecting parts with square drive; for torque wrenches of the Click-Torque X series with 14x18 mm holder.



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078707001	196552	14x18	1/2"	20,0	66,0	41,0	42,0	23,0	1

7782 E Ratchet insert, reversible, 14x18 mm

Ratchet insert, reversible, for 3/4" square socket wrench inserts and 3/4" connecting parts with square drive; for torque wrenches of the Click-Torque X series with 14x18 mm holder.



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078708001	196569	14x18	3/4"	30,0	90,0	65,0	65,0	36,0	1

7773 A Square drive insert, 9x12 mm

Square drive insert, for 1/4" square socket wrench inserts and 1/4" connecting parts with square drive; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7773 A Square drive insert, 9x12 mm



	EAN								
Code	4013288	mm		mm	mm	mm			
05078200001	023742	9x12	1/4"	17,5	44,0	28,0	21,0	14,0	1

7773 B Square drive insert, 9x12 mm

Square drive insert, for $\frac{3}{8}$ " square socket wrench inserts and $\frac{3}{8}$ " connecting parts with square drive; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7773 B Square drive insert, 9x12 mm



	EAN								
Code	4013288	mm		mm	mm	mm			
05078205001	023759	9x12	$\frac{3}{8}$ "	17,5	44,0	28,0	21,0	14,0	1

7773 C Square drive insert, 9x12 mm

Square drive insert, for $\frac{1}{2}$ " square socket wrench inserts and $\frac{1}{2}$ " connecting parts with square drive; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7773 C Square drive insert, 9x12 mm



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078210001	023766	9x12	$\frac{1}{2}$ "	17,5	44,0	28,0	21,0	14,0	1

7783 C Square drive insert, 14x18 mm

Square drive insert, for $\frac{1}{2}$ " square socket wrench inserts and $\frac{1}{2}$ " connecting parts with square drive; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

7783 C Square drive insert, 14x18 mm



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078345001	024183	14x18	$\frac{1}{2}$ "	25,5	65,0	40,0	30,0	18,0	1

7783 E Push-through square insert tool, 14x18 mm

Square drive insert, for $\frac{3}{4}$ " square socket wrench inserts and $\frac{3}{4}$ " connecting parts with square drive; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

7783 E Push-through square insert tool, 14x18 mm



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078710001	196460	14x18	$\frac{3}{4}$ "	25,5	70,0	45,0	40,0	25,0	1

7774/1 Bit adapter insert, $\frac{1}{4}$ ", 9x12 mm

Bit adapter insert, $\frac{1}{4}$ "; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7774/1 Bit adapter insert, $\frac{1}{4}$ ", 9x12 mm



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078640001	196316	9x12	$\frac{1}{4}$ "	17,5	42,0	25,0	22,0	12,5	1

7774/2 Bit adapter insert, $\frac{5}{16}$ ", 9x12 mm

Bit adapter insert, $\frac{5}{16}$ "; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7774/2 Bit adapter insert, $\frac{5}{16}$ ", 9x12 mm



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078641001	196309	9x12	$\frac{5}{16}$ "	17,5	42,0	25,0	22,0	12,5	1

7774/3 Bit adapter insert, $\frac{5}{16}$ ", 14x18 mm

Bit adapter insert, $\frac{5}{16}$ "; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

7774/3 Bit adapter insert, $\frac{5}{16}$ ", 14x18 mm



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078642001	196293	14x18	$\frac{5}{16}$ "	25,5	58,0	33,0	30,0	13,0	1

7775 Open ring spanner insert, 9x12 mm

Open ring spanner insert, for hexagon screw heads or nuts; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7775 Open ring spanner insert, 9x12 mm

A

Form

05078650001
05078651001
05078652001
05078653001
05078654001
05078655001



B

Form

05078656001
05078657001
05078658001



	EAN								
Code	4013288	mm	mm	mm	mm	mm	mm	mm	
05078650001	196330	9x12	10	17,5	44,0	27,0	22,0	11,0	1
05078651001	196361	9x12	11	17,5	44,0	27,0	22,0	11,0	1
05078652001	196378	9x12	12	17,5	44,0	27,0	22,0	11,0	1
05078653001	196385	9x12	13	17,5	44,0	27,0	22,0	11,0	1
05078654001	196392	9x12	14	17,5	44,0	27,0	22,0	11,0	1
05078655001	196408	9x12	17	17,5	44,0	27,0	22,0	11,0	1
05078656001	196415	9x12	18	17,5	49,0	32,0	33,0	15,0	1
05078657001	196422	9x12	19	17,5	49,0	32,0	33,0	15,0	1
05078658001	196439	9x12	22	17,5	49,0	32,0	33,0	15,0	1

7776 External TORX® insert, 9x12 mm

External TORX® insert; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7776 External TORX® insert, 9x12 mm

A

Form

05078660001
05078661001
05078662001
05078663001



B

Form

05078664001



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078660001	195968	9x12	TX 6	17,5	40,0	23,0	22,0	8,0	1
05078661001	195975	9x12	TX 8	17,5	40,0	23,0	22,0	8,0	1
05078662001	195982	9x12	TX 10	17,5	40,0	23,0	22,0	8,0	1
05078663001	195999	9x12	TX 12	17,5	40,0	23,0	22,0	8,0	1
05078664001	196149	9x12	TX 14	17,5	45,0	28,0	22,0	11,0	1

7786 External TORX® insert, 14x18 mm

External TORX® insert; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

7786 External TORX® insert, 14x18 mm

A Form
05078714001
05078715001



B Form
05078716001
05078717001



	EAN								
Code	4013288	mm		mm	mm	mm	mm	mm	
05078714001	196507	14x18	TX 14	25,5	37,0	62,0	30,0	11,0	1
05078715001	196514	14x18	TX 18	25,5	37,0	62,0	30,0	11,0	1
05078716001	196521	14x18	TX 20	25,5	40,0	65,0	32,0	12,0	1
05078717001	196538	14x18	TX 24	25,5	40,0	65,0	32,0	12,0	1

7779/1 Adapter insert, 9x12 mm

Adapter insert for the use of square plug-in tools 14x18 mm in torque wrenches with internal square 9x12 mm; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

7779/1 Adapter insert, 9x12 mm



	EAN							
Code	4013288	mm	mm	mm	mm	mm	mm	
05078666001	196323	9x12	14x18	49,0	33,0	32,0	26,0	1

7779/2 Adapter insert, 14x18 mm

Adapter insert for the use of square plug-in tools 9x12 mm in torque wrenches with internal square 14x18 mm; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

7779/2 Adapter insert, 14x18 mm



	EAN							
Code	4013288	mm	mm	mm	mm	mm	mm	
05078667001	196545	14x18	9x12	52,0	27,0	28,0	21,0	1

7790/1 Push-fit weld-on adapter, 9x12 mm

Push-fit weld-on adapter; for torque wrenches of the Click-Torque X series with 9x12 mm holder.

- For welding on specifically required tools
- Welding should ideally be carried out by a specialist welding company

7790/1 Push-fit weld-on adapter, 9x12 mm



	EAN						
Code	4013288	mm	mm	mm	mm	mm	
05078720001	196354	9x12	24,0	8,0	22,0	14,0	1

7790/2 Push-fit weld-on adapter, 14x18 mm

Push-fit weld-on adapter; for torque wrenches of the Click-Torque X series with 14x18 mm holder.

- For welding on specifically required tools
- Welding should ideally be carried out by a specialist welding company

7790/2 Push-fit weld-on adapter, 14x18 mm

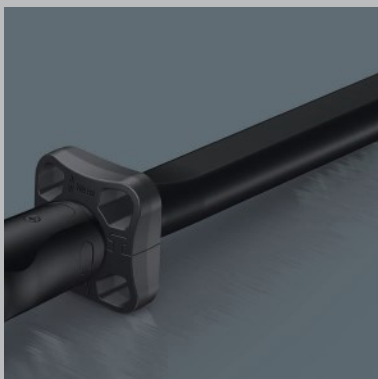


	EAN						
Code	4013288	mm	mm	mm	mm	mm	
05078721001	196477	14x18	38,0	13,0	31,0	22,0	1

Click-Torque collar

The collar prevents the handle of the Click-Torque torque wrench from touching the ground. Dirt and damage are avoided when putting down the tool while working.

Also prevents the tool from rolling away, and it serves to fix the Click-Torque torque wrench in the storage/transport box. The collar can be easily attached to the torque wrench tube and is removable.



7762 Click-Torque collar M3

Click-Torque collar as an accessory for Click-Torque Torque wrenches B 1, B 2, C 1, C 2, C 3, C 4, X 2, X 3, X 4, X 5, XP 4, Click-Torque Push R/L C 2 and Click-Torque Push R/L C 3.

7762 Click-Torque collar M3



	EAN							
Code	4013288	mm	mm	mm				
05078709001	211767	55,0	55,0	21,5				1

7761 Click-Torque collar M4

Click-Torque collar as an accessory for Click-Torque Torque wrenches C 5 and X 6.

7761 Click-Torque collar M4



	EAN							
Code	4013288	mm	mm	mm				
05078706001	211750	55,0	55,0	21,5				1

7763 Click-Torque collar M5

Click-Torque collar as an accessory for Click-Torque Torque wrench E 1 and Click-Torque Push R/L E 1.

7763 Click-Torque collar M5



	EAN							
Code	4013288	mm	mm	mm				
05078711001	211774	73,0	73,0	27,0				1

Safe-Torque A 1 torque wrench with 1/4" square head drive, 2-12 Nm

Torque wrench with slide-over mechanism. Once the set torque has been reached, the tool cannot be overtightened, so that excessive torque cannot be applied. Setting range of 2 to 12 Nm for controlled clockwise and counterclockwise torque operation.

Easy setting and saving of the default value: The audible and tactile clicks on reaching the scale values facilitate the safe setting of the desired torque value. With Torque Lock function for use as a standard ratchet without torque function.

Max. breaking torque of the 1/4" square head as per DIN 3122. The return angle of only 5° allows the ratchet to be used even in confined spaces and therefore also for applications with angles of rotation.

- Slip-over release mechanism - the set torque can never be overtightened
- Torque Lock function: The torque function can be deactivated and the tool can then be used as a standard ratchet with high loosening moments and for applications with defined angles of rotation
- For controlled clockwise and counterclockwise torque operation – tightening and loosening with or without torque
- Easy setting and saving of the desired torque value with audible and tactile clicks when reaching the scale values
- Comfortable working thanks to a small release angle of only 30°
- 1/4" square head drive with socket locking

Safe-Torque A 1 torque wrench with 1/4" square head drive, 2-12 Nm



	EAN															
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075800001	223012	1/4"	2-12	0,10	2-9	244	94	38,5	31,6	23,7	9 39/64"	3 45/64"	1 33/64"	1 15/64"	15/16"	1

Safe-Torque A 2 torque wrench with 1/4" hexagon drive, 2-12 Nm

- 1/4" hexagon drive for the use of 1/4" bits

Safe-Torque A 2 torque wrench with 1/4" hexagon drive, 2-12 Nm



	EAN															
Code	4013288		Nm	Nm	lbf. ft.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
05075801001	223036	1/4"	2-12	0,10	2-9	244	94	38,5	31,6	23,7	9 39/64"	3 45/64"	1 33/64"	1 15/64"	15/16"	1

Safe-Torque A 1 Set 1, 1/4" square head drive, 2-12 Nm

10-piece 1/4" torque wrench set in a robust textile box; torque wrench with slide-over mechanism. Once the set torque has been reached, the tool cannot be overtightened, so that excessive torque cannot be applied.

Setting range of 2 to 12 Nm for controlled clockwise and counterclockwise torque operation. Easy setting and saving of the default value: The audible and tactile clicks on reaching the scale values facilitate the safe setting of the desired torque value.

The Torque Lock function allows use as a standard ratchet without torque function. Thus also usable for applications with angles of rotation. Max. breaking torque of the 1/4" square head as per DIN 3122. The return angle of only 5° allows the ratchet to be used even in confined spaces.

Included are: Safe-Torque A 1 torque wrench, 1/4" square head, 2-12 Nm, 8 sockets with 1/4" drive and one short extension.

- 1/4" square head drive with socket locking

Safe-Torque A 1 Set 1, 1/4" square head drive, 2-12 Nm



Code	EAN			
05075830001	223005			1
		☐	Safe-Torque A 1 1x 1/4", 2-12 Nm	
		●	8790 HMA 1x 5,5x23,0; 1x 6,0x23,0; 1x 7,0x23,0; 1x 8,0x23,0; 1x 10,0x23,0; 1x 11,0x23,0; 1x 12,0x23,0; 1x 13,0x23,0	
		☐☐	8794 SA 1x 1/4"x75,0	
			Hook and Loop Fastener Strip 240 1x 50,0x240,0	

Safe-Torque A 1 Imperial Set 1, 1/4" square head drive, 2-12 Nm

10-piece 1/4" torque wrench set in a robust textile box; torque wrench with slide-over mechanism. Once the set torque has been reached, the tool cannot be overtightened, so that excessive torque cannot be applied.

Setting range of 2 to 12 Nm for controlled clockwise and counterclockwise torque operation. Easy setting and saving of the default value: The audible and tactile clicks on reaching the scale values facilitate the safe setting of the desired torque value.

The Torque Lock function allows use as a standard ratchet without torque function. Thus also usable for applications with angles of rotation. Max. breaking torque of the 1/4" square head as per DIN 3122. The return angle of only 5° allows the ratchet to be used even in confined spaces.

Included are: Safe-Torque A 1 torque wrench, 1/4" square head, 2-12 Nm, 8 sockets with 1/4" drive and one short extension.

- 1/4" square head drive with socket locking

Safe-Torque A 1 Imperial Set 1, 1/4" square head drive, 2-12 Nm



Code	EAN			
05075831001	223074			1
		☐	Safe-Torque A 1 1x 1/4", 2-12 Nm	
		●	8790 HMA 1x 3/16"x23,0; 1x 7/32"x23,0; 1x 1/4"x23,0; 1x 9/32"x23,0; 1x 5/16"x23,0; 1x 3/8"x23,0; 1x 7/16"x23,0; 1x 1/2"x23,0	
		☐☐	8794 SA 1x 1/4"x75,0	
			Hook and Loop Fastener Strip 240 1x 50,0x240,0	

Safe-Torque A 1 SHK Set 1, 1/4" square head, 2-12 Nm

20-piece set in a robust textile box, especially for HVAC applications. One Safe-Torque A 1 torque wrench with 1/4" square head drive, 2-12 Nm, with slide-over mechanism. Once the set torque has been reached, the tool cannot be overtightened, so that excessive torque cannot be applied. Setting range of 2 to 12 Nm for controlled clockwise and counterclockwise torque operation. Easy setting and saving of the default value: The audible and tactile clicks on reaching the scale values facilitate the safe setting of the desired torque value.

With Torque Lock function for use as a standard ratchet without torque function and thus also usable for applications with angles of rotation. Max. breaking torque of the 1/4" square head as per DIN 3122. The return angle of only 5° allows the ratchet to be used even in confined spaces.

Included are: Safe-Torque A 1 torque wrench, 1/4" square head, 2-12 Nm, 8 sockets with 1/4" drive, 9 bit sockets (hexagonal socket, TORX®) with 1/4" drive, one short extension.

- For operations in plumbing, heating and air conditioning, especially for installing shower cubicles and for assembly and maintenance of gas boilers and condensing boilers

Safe-Torque A 1 SHK Set 1, 1/4" square head, 2-12 Nm



Code	EAN			
05136073001	228376			1
		Safe-Torque A 1		
		1x 1/4", 2-12 Nm		
		8790 HMA		
		1x 5,5x23,0; 1x 6,0x23,0; 1x 7,0x23,0;		
		1x 8,0x23,0; 1x 10,0x23,0; 1x 11,0x23,0;		
		1x 12,0x23,0; 1x 13,0x23,0		
		8767 A HF		
		1x TX 15x28,0; 1x TX 20x28,0; 1x TX 25x28,0;		
		1x TX 30x28,0		
		8740 A HF		
		1x 3,0x28,0; 1x 4,0x28,0; 1x 5,0x28,0;		
		1x 6,0x28,0; 1x 8,0x28,0		
		Belt A 0/9		
		1x 39,0x238,0		
		8794 SA		
		1x 1/4"x75,0		
		Hook and Loop Fastener Strip 240		
		1x 50,0x240,0		

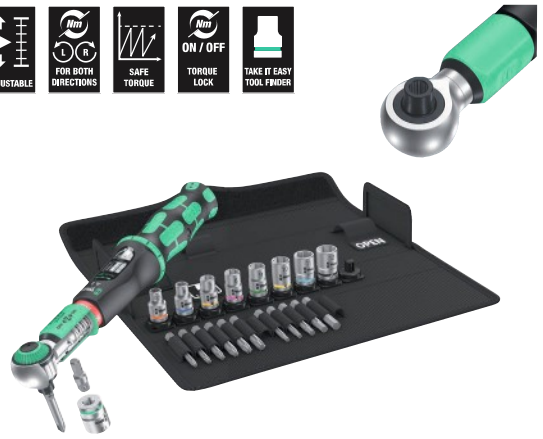
Safe-Torque A 2 Set 1, 1/4" hexagonal, 2-12 Nm

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

1 Safe-Torque A 2 torque wrench with 1/4" hexagonal drive, measuring range 2-12 Nm; for controlled clockwise and counterclockwise torque operation; tightening and loosening with or without torque, disengageable torque function (Torque Lock function); 72 teeth; low return angle of 5°; easy setting and saving of the desired torque value, with audible and tactile locking when the scale values are reached, slip-over release mechanism when the set torque is reached; ergonomic 2-component handle; 9 Zyklop sockets, 12 bits (1/4", 50 mm long), one connector for sockets (1/4" external hexagon to 1/4" external square head).

- 1/4" hexagon drive for the use of 1/4" bits
- Use of 1/4" sockets also possible with the Wera adaptor 870/1

Safe-Torque A 2 Set 1, 1/4" hexagonal, 2-12 Nm



Code	EAN			
05075832001	223043			1
		Safe-Torque A 2		
		1x 1/4", 2-12 Nm		
		8790 HMA		
		1x 5,5x23,0; 1x 6,0x23,0; 1x 7,0x23,0;		
		1x 8,0x23,0; 1x 9,0x23,0; 1x 10,0x23,0;		
		1x 11,0x23,0; 1x 12,0x23,0; 1x 13,0x23,0		
		870/1		
		1x 1/4"x25 ¹⁾		
		851/4 Z		
		1x PH 2x50		
		867/4 Z TORX®		
		1x TX 10x50; 1x TX 15x50; 1x TX 20x50;		
		1x TX 25x50; 1x TX 27x50; 1x TX 30x50		
		840/4 Z		
		1x 2,5x50; 1x 3,0x50; 1x 4,0x50; 1x 5,0x50;		
		1x 6,0x50 ²⁾		
		Hook and Loop Fastener Strip 240		
		1x 50,0x240,0		

¹⁾With friction ball; for manual nut spinner sockets

²⁾Hexagonal blade

2090 Impact driver 90 Nm

High quality impact driver that can loosen rigid connections without the use of power tools simply by the force of the impact. The Wera impact drivers have a particularly high efficiency thanks to their robust, double-curved design.

Impact forces are converted into rotary motion. The use of compressed air equipment becomes unnecessary. For M 4 to M 8 screws. Drive: $\frac{5}{16}$ " hexagon socket.

- To loosen and tighten screws without the use of power tools
- Impact forces are converted into rotary motion
- The double-curved design is particularly efficient
- $\frac{5}{16}$ " hexagon socket take-up

2090 Impact driver 90 Nm



	EAN							
Code	4013288		mm					
05072014001	180926	$\frac{5}{16}$ "	142,0	5 $\frac{19}{32}$ "				1

2090/17 Impact driver set

- 2090 impact driver, 90 Nm with many accessories
- To loosen and tighten screws without the use of power tools
- Impact forces are converted into rotary motion
- The double-curved design is particularly efficient
- $\frac{5}{16}$ " hexagon socket take-up

2090/17 Impact driver set



Code	EAN		
05072017001	179777		1
		2090 90 Nm 1x $\frac{5}{16}$ "x142,0	
		851/2 Z PH 1x PH 2x32; 1x PH 3x32	
		851/2 PH 1x PH 4x32	
		800/2 1x 2,0x12,0x41	
		840/2 Z 1x 5x30; 1x 6x30; 1x 8x30; 1x 10x30	
		840/2 1x 7,0x30	
		867/2 Z TORX® 1x TX 30x35; 1x TX 40x35; 1x TX 45x35; 1x TX 50x35; 1x TX 55x35	
		870/2 1x $\frac{3}{8}$ "x $\frac{5}{16}$ " ¹⁾ ; 1x $\frac{1}{2}$ "x $\frac{5}{16}$ " ¹⁾	

¹⁾With friction ball; for manual nut spinner sockets



100 Soft-faced hammer with Cellidor head sections

Wera soft-face hammers. Double-sided conical design for a secure, inseparable connection between the hammer handle and head. The hammer head is made out of cellidor; the handle out of high quality ash wood. For heavy-duty applications with diverse uses thanks to interchangeable soft-face hammer heads. Suitable for very demanding jobs.

100 Soft-faced hammer with Cellidor head sections



	EAN							
Code	4013288	#	mm	mm	mm			
05000005001	001139	1	23,0	76,0	250,0			2
05000010001	001146	2	28,0	87,0	265,0			2
05000015001	001153	3	33,0	96,0	280,0			2
05000020001	001160	4	36,0	102,0	290,0			2
05000025001	001177	5	41,0	108,0	320,0			2
05000030001	001184	6	51,0	117,0	340,0			2
05000035001	001191	7	61,0	131,0	380,0			2

↗ This item will be discontinued from 28 February 2025.

101 Soft-faced hammer with nylon head sections

The hammer head is made out of nylon. Suitable for sheet metal and renovation work as well as for tent, hall and fair booth construction jobs.

101 Soft-faced hammer with nylon head sections



	EAN							
Code	4013288	#	mm	mm	mm			
05000305001	001351	1	23,0	76,0	250,0			2
05000310001	001368	2	28,0	87,0	265,0			2
05000315001	001375	3	33,0	96,0	280,0			2
05000320001	001382	4	36,0	102,0	290,0			2
05000325001	001399	5	41,0	108,0	320,0			2
05000330001	001405	6	51,0	117,0	340,0			2
05000335001	001412	7	61,0	131,0	380,0			2

↗ This item will be discontinued from 28 February 2025.

102 Soft-faced hammer with urethane head sections

The hammer head is made out of semi-hard urethane. Suitable for car body, engineering and automotive applications.

102 Soft-faced hammer with urethane head sections



	EAN							
Code	4013288	#	mm	mm	mm			
05000505001	001498	1	23,0	76,0	250,0			2
05000510001	001504	2	28,0	87,0	265,0			2
05000515001	001511	3	33,0	96,0	280,0			2
05000520001	001528	4	36,0	102,0	290,0			2
05000525001	001535	5	41,0	108,0	320,0			2
05000530001	001542	6	51,0	117,0	340,0			2
05000535001	001559	7	61,0	131,0	380,0			2

↗ This item will be discontinued from 28 February 2025.

100 S Replacement ashwood handles for hammers 100, 101, 102

Handles for hammers 100, 101, 102 out of best-quality ash wood.

100 S Replacement ashwood handles for hammers 100, 101, 102



	EAN							
Code	4013288	#	mm					
05000205001	001283	1	250,0					1
05000210001	001290	2	265,0					1
05000215001	001306	3	280,0					1
05000220001	001313	4	290,0					1
05000225001	001320	5	320,0					1
05000230001	001337	6	340,0					1
05000235001	001344	7	380,0					1

↗ This item will be discontinued from 28 February 2025.

100 L Replacement head sections out of Cellidor for hammer 100

Interchangeable soft-face heads out of cellidor for demanding repair and maintenance applications.

100 L Replacement head sections out of Cellidor for hammer 100



	EAN							
Code	4013288	#	mm					
05000105001	001214	1	23,0					10
05000110001	001221	2	28,0					10
05000115001	001238	3	33,0					10
05000120001	001245	4	36,0					10
05000125001	001252	5	41,0					10
05000130001	001269	6	51,0					10
05000135001	001276	7	61,0					10

^{*)} This item will be discontinued from 28 February 2025.

101 L Replacement head sections out of nylon for hammer 101

Interchangeable soft-face heads out of nylon for sheet metal and renovation work as well as for tent, hall and fair booth construction jobs.

101 L Replacement head sections out of nylon for hammer 101



	EAN							
Code	4013288	#	mm					
05000405001	001429	1	23,0					10
05000410001	001436	2	28,0					10
05000415001	001443	3	33,0					10
05000420001	001450	4	36,0					10
05000425001	001467	5	41,0					10
05000430001	001474	6	51,0					10
05000435001	001481	7	61,0					10

^{*)} This item will be discontinued from 28 February 2025.

102 L Replacement head sections out of urethane for hammer 102

Interchangeable soft-face heads out of semi-hard urethane for car body, engineering and automotive applications.

102 L Replacement head sections out of urethane for hammer 102



	EAN							
Code	4013288	#	mm					
05000605001	001566	1	23,0					10
05000610001	001573	2	28,0					10
05000615001	001580	3	33,0					10
05000620001	001597	4	36,0					10
05000625001	001603	5	41,0					10
05000630001	001610	6	51,0					10
05000635001	001627	7	61,0					10

^{*)} This item will be discontinued from 28 February 2025.



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 note:

After the torque test with the specified minimum value, the screwdriver must not show any permanent deformation or other damage to the tip of the screwdriver that would impair its usability.



Hexagon Tools

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

	TORQUE in Nm (min)
SW (mm)	
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



	TORQUE in Nm (min.)			TORX PLUS®		
	TORX® Bit	Resis-Bit	Screw-driver	Bit	Resis-Bit	Screw-drivers
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

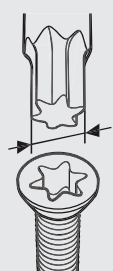
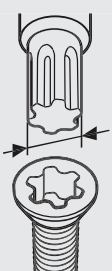
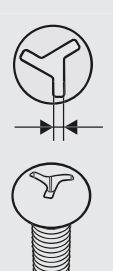


Tools with TORQ-SET® drive

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		TORX PLUS® Recess Screws		TORQ-SET® Recess Screws		TRI-WING® Recess Screws	
	 A Ref. (mm)		 A Ref. (mm)		 A Ref. (mm)		 A Ref. (mm)
TX 1	0,84	1 IP	0,84	0	0,43	0	0,45
TX 2	0,94	2 IP	0,95	1	0,43	1	0,57
TX 3	1,12	3 IP	1,13	2	0,43	2	0,75
TX 4	1,30	4 IP	1,29	3	0,48	3	0,95
TX 5	1,37	5 IP	1,41	4	0,56	4	1,08
TX 6	1,65	6 IP	1,69	5	0,63	5	1,23
TX 7	1,97	7 IP	1,97	6	0,71	6	1,54
TX 8	2,30	8 IP	2,29	8	0,84	7	1,87
TX 9	2,48	9 IP	2,48	10	0,96	8	2,17
TX 10	2,72	10 IP	2,72	1/4"	1,27	9	2,48
TX 15	3,26	15 IP	3,25	5/16"	1,60	10	2,78
TX 20	3,84	20 IP	3,84	3/8"	1,90		
TX 25	4,40	25 IP	4,39	7/16"	2,23		
TX 27	4,96	27 IP	4,95	1/2"	2,54		
TX 30	5,49	30 IP	5,49				
TX 40	6,60	40 IP	6,60				
TX 45	7,77	45 IP	7,77				
TX 50	8,79	50 IP	8,79				
TX 55	11,17	55 IP	11,16				
TX 60	13,20	60 IP	13,20				
TX 70	15,49	70 IP	15,48				

TORQUE Conversion Table

Conversion Units	SI Units			Metric scale		USA GB scale		
	cNm	dNm	Nm	cmkg	mkg	ft.lb	in.lb	in.oz
1 cNm =	1	0,1	0,01	0,1020	0,0010	0,0074	0,0885	1,4161
1 dNm =	10	1	0,1	1,0197	0,0102	0,0738	0,8851	14,1612
1 Nm =	100	10	1	10,1972	0,1020	0,7376	8,8508	141,6123
1 cmkg =	9,8067	0,9807	0,0981	1	0,0100	0,0723	0,8680	13,8874
1 mkg =	980,6650	98,0665	9,8067	100	1	7,2330	86,7964	1388,7422
1 ft.lb =	135,5818	13,5581	1,3558	13,8255	0,1383	1	12	192
1 in.lb =	11,2985	1,1298	0,1130	1,1521	0,0115	0,0833	1	16
1 in. oz =	0,7062	0,0706	0,0071	0,0720	0,0007	0,0052	0,0625	1

Example 1
1 Nm = 0,102 mkg
17,4 Nm = 17,4 x 0,102 mkg
17,4 Nm = 1,775 mkg

Example 2
1 mkg = 9,8067 Nm
12,5 mkg = 12,5 x 9,8067 Nm
12,5 mkg = 122,58 Nm

Conversion Nm in mkg											1 Nm = 0,10197 mkg										
Nm	0	1	2	3	4	5	6	7	8	9	mkg	0	1	2	3	4	5	6	7	8	9
0	0,00	0,10	0,20	0,31	0,41	0,51	0,61	0,71	0,82	0,92	0	0,00	9,81	19,61	29,42	39,23	49,03	58,84	68,65	78,45	88,26
10	1,02	1,12	1,22	1,33	1,43	1,53	1,63	1,73	1,84	1,94	10	98,07	107,87	117,68	127,49	137,29	147,10	156,91	166,71	176,52	186,33
20	2,04	2,14	2,24	2,35	2,45	2,55	2,65	2,75	2,86	2,96	20	196,13	205,94	215,75	225,55	235,36	245,17	254,97	264,78	274,59	284,39
30	3,06	3,16	3,26	3,37	3,47	3,57	3,67	3,77	3,87	3,98	30	294,20	304,01	313,81	323,62	333,43	343,23	353,04	362,85	372,65	382,46
40	4,08	4,18	4,28	4,38	4,49	4,59	4,69	4,79	4,89	5,00	40	392,27	402,07	411,88	421,69	431,49	441,30	451,11	460,91	470,72	480,53
50	5,10	5,20	5,30	5,40	5,51	5,61	5,71	5,81	5,91	6,02	50	490,33	500,14	509,95	519,75	529,56	539,37	549,17	558,98	568,79	578,59
60	6,12	6,22	6,32	6,42	6,53	6,63	6,73	6,83	6,93	7,04	60	588,40	598,21	608,01	617,82	627,63	637,43	647,24	657,05	666,85	676,66
70	7,14	7,24	7,34	7,44	7,55	7,65	7,75	7,85	7,95	8,06	70	686,47	696,27	706,08	715,89	725,69	735,50	745,31	755,11	764,92	774,73
80	8,16	8,26	8,36	8,46	8,57	8,67	8,77	8,87	8,97	9,08	80	784,53	794,34	804,15	813,95	823,76	833,57	843,37	853,18	862,99	872,79
90	9,18	9,28	9,38	9,48	9,59	9,69	9,79	9,89	9,99	10,10	90	882,60	892,41	902,21	912,02	921,83	931,63	941,44	951,25	961,05	970,86
100	10,20	10,30	10,40	10,50	10,60	10,71	10,81	10,91	11,01	11,11	100	980,67	990,47	1000,28	1010,08	1019,89	1029,70	1039,50	1049,31	1059,12	1068,92

Conversion Nm in ft.lb											1 Nm = 0,73756 ft.lb										
Nm	0	1	2	3	4	5	6	7	8	9	ft.lb	0	1	2	3	4	5	6	7	8	9
0	0,00	0,74	1,48	2,21	2,95	3,69	4,43	5,16	5,90	6,64	0	0,00	1,36	2,71	4,07	5,42	6,78	8,13	9,49	10,85	12,20
10	7,38	8,11	8,85	9,59	10,33	11,06	11,80	12,54	13,28	14,01	10	13,56	14,91	16,27	17,63	18,98	20,34	21,69	23,05	24,40	25,76
20	14,75	15,49	16,23	16,96	17,70	18,44	19,18	19,91	20,65	21,39	20	27,12	28,47	29,83	31,18	32,54	33,90	35,25	36,61	37,96	39,32
30	22,13	22,86	23,60	24,34	25,08	25,81	26,55	27,29	28,03	28,76	30	40,67	42,03	43,39	44,74	46,10	47,45	48,81	50,16	51,52	52,88
40	29,50	30,24	30,98	31,72	32,45	33,19	33,93	34,67	35,40	36,14	40	54,23	55,59	56,94	58,30	59,66	61,01	62,37	63,72	65,08	66,43
50	36,88	37,62	38,35	39,09	39,83	40,57	41,30	42,04	42,78	43,52	50	67,79	69,15	70,50	71,86	73,21	74,57	75,93	77,28	78,64	79,99
60	44,25	44,99	45,73	46,47	47,20	47,94	48,68	49,42	50,15	50,89	60	81,35	82,70	84,06	85,42	86,77	88,13	89,48	90,84	92,20	93,55
70	51,63	52,37	53,10	53,84	54,58	55,32	56,05	56,79	57,53	58,27	70	94,91	96,26	97,62	98,97	100,33	101,69	103,04	104,40	105,75	107,11
80	59,00	59,74	60,48	61,22	61,96	62,69	63,43	64,17	64,91	65,64	80	108,46	109,82	111,18	112,53	113,89	115,24	116,60	117,96	119,31	120,67
90	66,38	67,12	67,86	68,59	69,33	70,07	70,81	71,54	72,28	73,02	90	122,02	123,38	124,73	126,09	127,45	128,80	130,16	131,51	132,87	134,23
100	73,76	74,49	75,23	75,97	76,71	77,44	78,18	78,92	79,66	80,39	100	135,58	136,94	138,29	139,65	141,00	142,36	143,72	145,07	146,43	147,78

Conversion Nm in in.lb											1 Nm = 8,85077 in.lb											Conversion in.lb in Nm											1 in.lb = 0,11298 Nm										
Nm	0	1	2	3	4	5	6	7	8	9	in.lb	0	1	2	3	4	5	6	7	8	9																						
0	0,00	8,85	17,70	26,55	35,40	44,25	53,10	61,96	70,81	79,66	0	0,00	0,11	0,23	0,34	0,45	0,56	0,68	0,79	0,90	1,02																						
10	88,51	97,36	106,21	115,06	123,91	132,76	141,61	150,46	159,31	168,16	10	1,13	1,24	1,36	1,47	1,58	1,69	1,81	1,92	2,03	2,15																						
20	177,02	185,87	194,72	203,57	212,42	221,27	230,12	238,97	247,82	256,67	20	2,26	2,37	2,49	2,60	2,71	2,82	2,94	3,05	3,16	3,28																						
30	265,52	274,37	283,22	292,08	300,93	309,78	318,63	327,48	336,33	345,18	30	3,39	3,50	3,62	3,73	3,84	3,95	4,07	4,18	4,29	4,41																						
40	354,03	362,88	371,73	380,58	389,43	398,28	407,14	415,99	424,84	433,69	40	4,52	4,63	4,75	4,86	4,97	5,08	5,20	5,31	5,42	5,54																						
50	442,54	451,39	460,24	469,09	477,94	486,79	495,64	504,49	513,34	522,20	50	5,65	5,76	5,87	5,99	6,10	6,21	6,33	6,44	6,55	6,67																						
60	531,05	539,90	548,75	557,60	566,45	575,30	584,15	593,00	601,85	610,70	60	6,78	6,89	7,00	7,12	7,23	7,34	7,46	7,57	7,68	7,80																						
70	619,55	628,40	637,26	646,11	654,96	663,81	672,66	681,51	690,36	699,21	70	7,91	8,02	8,13	8,25	8,36	8,47	8,59	8,70	8,81	8,93																						
80	708,06	716,91	725,76	734,61	743,46	752,32	761,17	770,02	778,87	787,72	80	9,04	9,15	9,26	9,38	9,49	9,60	9,72	9,83	9,94	10,06																						
90	796,57	805,42	814,27	823,12	831,97	840,82	849,67	858,52	867,38	876,23	90	10,17	10,28	10,39	10,51	10,62	10,73	10,85	10,96	11,07	11,19																						
100	885,08	893,93	902,78	911,63	920,48	929,33	938,18	947,03	955,88	964,73	100	11,30	11,41	11,52	11,64	11,75	11,86	11,98	12,09	12,20	12,31																						

Conversion Of Inches To Millimeters

Inches		0	1	2	3	4	5	6	7	8	9
			25.400	50.800	76.200	101.600	127.000	152.400	177.800	203.200	228.600
¹ ⁄ ₆₄	0.015625	0.397	25.797	51.197	76.597	101.997	127.397	152.797	178.197	203.597	228.997
¹ ⁄ ₃₂	0.03125	0.794	26.194	51.594	76.994	102.394	127.794	153.194	178.594	203.994	229.394
³ ⁄ ₆₄	0.046875	1.191	26.591	51.991	77.391	102.791	128.191	153.591	178.991	204.391	229.791
¹ ⁄ ₁₆	0.0625	1.588	26.988	52.388	77.788	103.188	128.588	153.988	179.388	204.788	230.188
⁵ ⁄ ₆₄	0.078125	1.984	27.384	52.784	78.184	103.584	128.984	154.384	179.784	205.184	230.584
³ ⁄ ₃₂	0.09375	2.381	27.781	53.181	78.581	103.981	129.381	154.781	180.181	205.581	230.981
⁷ ⁄ ₆₄	0.109375	2.778	28.178	53.578	78.978	104.378	129.778	155.178	180.578	205.978	231.378
¹ ⁄ ₈	0.125	3.175	28.575	53.975	79.375	104.775	130.175	155.575	180.975	206.375	231.775
⁹ ⁄ ₆₄	0.140625	3.572	28.972	54.372	79.772	105.172	130.572	155.972	181.372	206.772	232.172
⁵ ⁄ ₃₂	0.15625	3.969	29.369	54.769	80.169	105.569	130.969	156.369	181.769	207.169	232.569
¹¹ ⁄ ₆₄	0.171875	4.366	29.766	55.166	80.566	105.966	131.366	156.766	182.166	207.566	232.966
³ ⁄ ₁₆	0.1875	4.762	30.162	55.562	80.962	106.362	131.762	157.162	182.562	207.962	233.362
¹³ ⁄ ₆₄	0.203125	5.159	30.559	55.959	81.359	106.759	132.159	157.559	182.959	208.359	233.759
⁷ ⁄ ₃₂	0.21875	5.556	30.956	56.356	81.756	107.156	132.556	157.956	183.356	208.756	234.156
¹⁵ ⁄ ₆₄	0.234375	5.953	31.353	56.753	82.153	107.553	132.953	158.353	183.753	209.153	234.553
¹ ⁄ ₄	0.25	6.350	31.750	57.150	82.550	107.950	133.350	158.750	184.150	209.550	234.950
¹⁷ ⁄ ₆₄	0.265625	6.747	32.147	57.547	82.947	108.347	133.747	159.147	184.547	209.947	235.347
⁹ ⁄ ₃₂	0.28125	7.144	32.544	57.944	83.344	108.744	134.144	159.544	184.944	210.344	235.744
¹⁹ ⁄ ₆₄	0.296875	7.541	32.941	58.341	83.741	109.141	134.541	159.941	185.341	210.741	236.141
⁵ ⁄ ₁₆	0.3125	7.938	33.338	58.738	84.138	109.538	134.938	160.338	185.738	211.138	236.538
²¹ ⁄ ₆₄	0.328125	8.334	33.734	59.134	84.534	109.934	135.334	160.734	186.134	211.534	236.934
¹¹ ⁄ ₃₂	0.34375	8.731	34.131	59.531	84.931	110.331	135.731	161.131	186.531	211.931	237.331
²³ ⁄ ₆₄	0.359375	9.128	34.528	59.928	85.328	110.728	136.128	161.528	186.928	212.328	237.728
³ ⁄ ₈	0.375	9.525	34.925	60.325	85.725	111.125	136.525	161.925	187.325	212.725	238.125
²⁵ ⁄ ₆₄	0.390625	9.922	35.322	60.722	86.122	111.522	136.922	162.322	187.722	213.122	238.522
¹³ ⁄ ₃₂	0.40625	10.319	35.719	61.119	86.519	111.919	137.319	162.719	188.119	213.519	238.919
²⁷ ⁄ ₆₄	0.421875	10.716	36.116	61.516	86.916	112.316	137.716	163.116	188.516	213.916	239.316
⁷ ⁄ ₁₆	0.4375	11.112	36.512	61.912	87.312	112.712	138.112	163.512	188.912	214.312	239.712
²⁹ ⁄ ₆₄	0.453125	11.509	36.909	62.309	87.709	113.109	138.509	163.909	189.309	214.709	240.109
¹⁵ ⁄ ₃₂	0.46875	11.906	37.306	62.706	88.106	113.506	138.906	164.306	189.706	215.106	240.506
³¹ ⁄ ₆₄	0.484375	12.303	37.703	63.103	88.503	113.903	139.303	164.703	190.103	215.503	240.903
¹ ⁄ ₂	0.5	12.700	38.100	63.500	88.900	114.300	139.700	165.100	190.500	215.900	241.300
³³ ⁄ ₆₄	0.515625	13.097	38.497	63.897	89.297	114.697	140.097	165.497	190.897	216.297	241.697
¹⁷ ⁄ ₃₂	0.53125	13.494	38.894	64.294	89.694	115.094	140.494	165.894	191.294	216.694	242.094
³⁵ ⁄ ₆₄	0.546875	13.891	39.291	64.691	90.091	115.491	140.891	166.291	191.691	217.091	242.491
⁹ ⁄ ₁₆	0.5625	14.288	39.688	65.088	90.488	115.888	141.288	166.688	192.088	217.488	242.888
³⁷ ⁄ ₆₄	0.578125	14.684	40.084	65.484	90.884	116.284	141.684	167.084	192.484	217.884	243.284
¹⁹ ⁄ ₃₂	0.59375	15.081	40.481	65.881	91.281	116.681	142.081	167.481	192.881	218.281	243.681
³⁹ ⁄ ₆₄	0.609375	15.478	40.878	66.278	91.678	117.078	142.478	167.878	193.278	218.678	244.078
⁵ ⁄ ₈	0.625	15.875	41.275	66.675	92.075	117.475	142.875	168.275	193.675	219.075	244.475
⁴¹ ⁄ ₆₄	0.640625	16.272	41.672	67.072	92.472	117.872	143.272	168.672	194.072	219.472	244.872
²¹ ⁄ ₃₂	0.65625	16.669	42.069	67.469	92.869	118.269	143.669	169.069	194.469	219.869	245.269
⁴³ ⁄ ₆₄	0.671875	17.066	42.466	67.866	93.266	118.666	144.066	169.466	194.866	220.266	245.666
¹¹ ⁄ ₁₆	0.6875	17.462	42.862	68.262	93.662	119.062	144.462	169.862	195.262	220.662	246.062
⁴⁵ ⁄ ₆₄	0.703125	17.859	43.259	68.659	94.059	119.459	144.859	170.259	195.659	221.059	246.459
²³ ⁄ ₃₂	0.71875	18.256	43.656	69.056	94.456	119.856	145.256	170.656	196.056	221.456	246.856
⁴⁷ ⁄ ₆₄	0.734375	18.653	44.053	69.453	94.853	120.253	145.653	171.053	196.453	221.853	247.253
³ ⁄ ₄	0.75	19.050	44.450	69.850	95.250	120.650	146.050	171.450	196.850	222.250	247.650
⁴⁹ ⁄ ₆₄	0.765625	19.447	44.847	70.247	95.647	121.047	146.447	171.847	197.247	222.647	248.047
²⁵ ⁄ ₃₂	0.78125	19.844	45.244	70.644	96.044	121.444	146.844	172.244	197.644	223.044	248.444
⁵¹ ⁄ ₆₄	0.796875	20.241	45.641	71.041	96.441	121.841	147.241	172.641	198.041	223.441	248.841
¹³ ⁄ ₁₆	0.8125	20.638	46.038	71.438	96.838	122.238	147.638	173.038	198.438	223.838	249.238
⁵³ ⁄ ₆₄	0.828125	21.034	46.434	71.834	97.234	122.634	148.034	173.434	198.834	224.234	249.634
²⁷ ⁄ ₃₂	0.84375	21.431	46.831	72.231	97.631	123.031	148.431	173.831	199.231	224.631	250.031
⁵⁵ ⁄ ₆₄	0.859375	21.828	47.228	72.628	98.028	123.428	148.828	174.228	199.628	225.028	250.428
⁷ ⁄ ₈	0.875	22.225	47.625	73.025	98.425	123.825	149.225	174.625	200.025	225.425	250.825
⁵⁷ ⁄ ₆₄	0.890625	22.622	48.022	73.422	98.822	124.222	149.622	175.022	200.422	225.822	251.222
²⁹ ⁄ ₃₂	0.90625	23.019	48.419	73.819	99.219	124.619	150.019	175.419	200.819	226.219	251.619
⁵⁹ ⁄ ₆₄	0.921875	23.416	48.816	74.216	99.616	125.016	150.416	175.816	201.216	226.616	252.016
¹⁵ ⁄ ₁₆	0.9375	23.812	49.212	74.612	100.012	125.412	150.812	176.212	201.612	227.012	252.412
⁶¹ ⁄ ₆₄	0.953125	24.209	49.609	75.009	100.409	125.809	151.209	176.609	202.009	227.409	252.809
³¹ ⁄ ₃₂	0.96875	24.606	50.006	75.406	100.806	126.206	151.606	177.006	202.406	227.806	253.206
⁶³ ⁄ ₆₄	0.984375	25.003	50.403	75.803	101.203	126.603	152.003	177.403	202.803	228.203	253.603

Values in mm