

# Wiha ESD Safe Tools.

For all work in sensitive electronic applications.



**Wiha. Premium Tools  
for Professionals.**

# Wiha ESD Safe Tools. For Use on Electrostatically Sensitive Components.



**Wiha ESD Safe Tools.**

The greatest danger when working with electronic components is electrostatic discharge. Even small amounts of charge that are not discernable to the user can destroy the delicate structure of the components. In order to combat this problem, various factors have to be taken into account: ESD-protected workplaces, where the

electrostatic discharge is safely conducted to earth, ESD footwear and an ESD wristband with spiral cable that slowly and safely conducts the charge from the user to earth via a large resistance (approx. 1 mega Ohm).

The tools used also have to be electrostatically protected. Wiha's ESD tools have dissipative handles with a defined surface resistance of  $10^6 - 10^9$  Ohm. This guarantees a gentle discharge over a useful period of time to prevent damage to delicate components. Wiha's ESD tools conform to the international ESD standard IEC 61340-5-1.

**Safety Notice:**  
 Wiha ESD Safe Tools are non-insulated, therefore not suitable for working on live parts.

**Our large range of ESD products offers the right tool for every ESD application:**

- SoftFinish® ESD screwdrivers
- Precision ESD screwdrivers
- Ceramic screwdrivers
- SYSTEM 6 ESD 6 mm reversible blade programme
- SYSTEM 4 ESD 4 mm reversible blade programme
- Torque ESD screwdrivers
- ESD bit holders
- ESD pliers
- ESD electronic tweezers
- ESD dial calliper

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# Wiha SoftFinish® ESD.

For Use on Electrostatically Sensitive Components.



The SoftFinish® ESD screwdrivers feature an ergonomic multi-component handle.



## Wiha SoftFinish® ESD:

- Dissipative handle designed to discharge uniformly, surface resistance  $10^6 - 10^9$  Ohm
- Fulfils the ESD standard IEC 61340-5-1
- Ergonomic SoftFinish® multi-component handle guarantees comfortable work and optimised handling
- Blade made of high-quality chrome-vanadium-molybdenum steel, through hardened and chrome plated
- Wiha ChromTop® blade tip ensure a perfect fit in every screw head

### Safety Notice:

Wiha ESD screwdrivers are non-insulated, therefore not suitable for working on live parts.



Wiha SoftFinish® ESD screwdrivers have a surface resistance of  $10^6 - 10^9$  Ohm.

### For Slotted, Phillips and Pozidriv Screws.



#### 302ESD SoftFinish® ESD Slotted Screwdriver. Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	①	↔	⊖	⊕	↔	↔	↔
08179 9	2.5	75	0.4	2.5	179	23	10
27150 3	3.0	100	0.4	3.0	204	23	10
27151 0	4.0	100	0.8	4.0	211	30	10
08182 9	5.5	125	1.0	5.5	236	30	10
08183 6	6.5	150	1.2	6.0	268	36	10



#### 311ESD SoftFinish® ESD Phillips Screwdriver. Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	⊕	↔	⊖	↔	↔	↔
08184 3	PH0	60	3.0	164	23	10
08185 0	PH1	80	4.5	191	30	10
08186 7	PH2	100	6.0	218	36	10



#### 313ESD SoftFinish® ESD Pozidriv Screwdriver. Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	⊕	↔	⊖	↔	↔	↔
26928 9	PZ0	60	3.0	164	23	10
26929 6	PZ1	80	4.5	191	30	10

### For Slotted, Phillips and Pozidriv Screws.



#### 302ESD SoftFinish® ESD Slotted Screwdriver Stubby. Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	①	↔	⊖	⊕	↔	↔	↔
32151 2	4.0	25	0.8	4.0	81	34	10
32152 9	5.5	25	1.0	5.5	81	34	10
32153 6	6.5	25	1.2	6.5	81	34	10



#### 311ESD SoftFinish® ESD Phillips Screwdriver Stubby. Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	⊕	↔	⊖	↔	↔	↔
32154 3	PH01	25	4.5	81	34	10
32155 0	PH02	25	6.0	81	34	10



#### 313ESD SoftFinish® ESD Pozidriv Screwdriver Stubby. Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	⊕	↔	⊖	↔	↔	↔
32156 7	PZ01	25	4.5	81	34	10
32157 4	PZ02	25	6.0	81	34	10



# Wiha SoftFinish® ESD.

For Use on Electrostatically Sensitive Components.

## For TORX® Screws. ESD Bit Holder.



**362ESD** SoftFinish® ESD TORX® Screwdriver.  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection.  
Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	Bit	Length	Width	Depth	Weight
31432 3	T3	60	2.5	164	23
27148 0	T4	60	2.5	164	23
27641 6	T5	60	3.5	164	23
27149 7	T6	60	3.5	164	23
31901 4	T7	60	3.5	164	23
22436 3	T8	60	3.5	164	23
27145 9	T9	60	4.0	171	30
27144 2	T10	80	4.0	191	30
27146 6	T15	80	4.0	191	30
27147 3	T20	100	4.0	218	36



**NEW**  
**387ESD** ESD Bit Holder with Handle, Quick Release Holder, 1/4".

Handle: Wiha SoftFinish® multi-component handle with roll-off protection.

Standards: DIN 3126, ISO 1173, style D 6.3.

Bit holder: Stainless steel with strong magnet.

Application: Suitable for all current screw fittings.

Extra: All-purpose compact screwdriver together with 1/4" bits  
Together with Wiha countersink bits, can be used as manual deburrer.

Order-No.	Bit	Length	Width	Depth	Weight
32161 1	1/4"	35	125	36	10

## ESD Sets.



**302ESD HK5 01** SoftFinish® ESD Slotted/Phillips Screwdriver Set, 5 pcs.  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection.  
Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	Series	Bit	Weight
27252 4	302ESD HK5 01		1
⓪	302ESD	3.0x100 4.0x100	
⊕	311ESD	PH0x60 PH1x80 PH2x100	



**362ESD K5** SoftFinish® ESD TORX® Screwdriver Set, 5 pcs.  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Ergonomic Wiha SoftFinish® multi-component handle with roll-off protection.  
Surface resistance  $10^6 - 10^9$  Ohm.

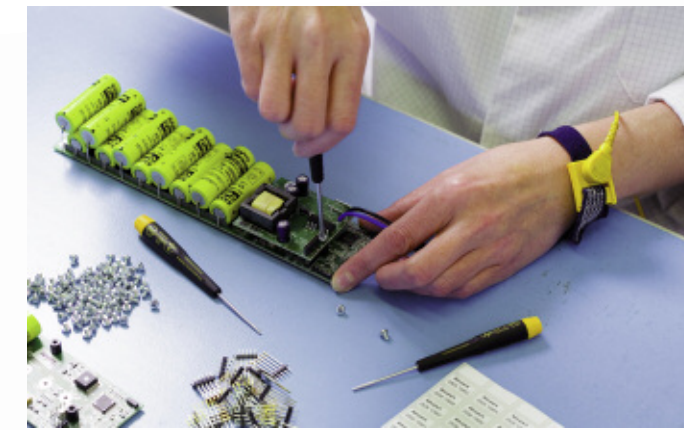
Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	Series	Bit	Weight
27253 1	362ESD K5		1
⓪	362ESD	T6x60 T8x60 T9x60 T10x80 T15x80	

# Wiha Precision ESD.

The Static Dissipative Precision Screwdriver.



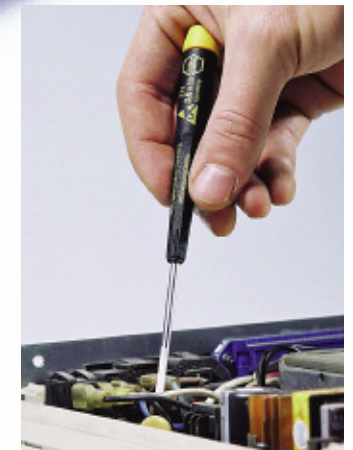
The dissipative Precision ESD protects delicate components.



design award winner



Wiha Precision ESD screwdrivers have a surface resistance of  $10^6 - 10^9$  Ohm.



The rotating cap with contact area makes incremental adjustment quick and easy.



## Wiha Precision ESD:

- Dissipative handle designed to discharge uniformly, surface resistance  $10^6 - 10^9$  Ohm
- Fulfils the ESD standard IEC 61340-5-1
- Rotating cap with large surface for extra fast working
- Large handle end for powerful tightening and loosening screws
- Wiha ChromTop®-finish on tip for a perfect fit every time

**Safety Notice:**  
Wiha ESD screwdrivers are non-insulated, therefore not suitable for working on live parts.

## For Slotted Screws.



**272** Precision ESD Slotted Screwdriver.  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Precision handle with rotating cap, surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

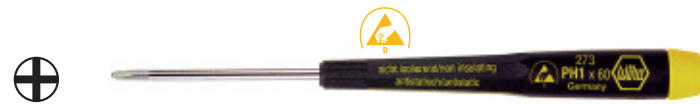
Order-No.	Bit	Length	Width	Depth	Weight
07634 4	1.5	40	0.25	2.0	120 12.5
07635 1	2.0	40	0.40	2.0	120 12.5
07636 8	2.5	50	0.40	2.5	145 13.0
07637 5	3.0	50	0.50	3.0	145 13.0
07638 2	3.5	60	0.60	3.5	170 14.0
07639 9	4.0	60	0.80	4.0	170 14.0



# Wiha Precision ESD.

The Static Dissipative Precision Screwdriver.

## For Phillips, Pozidriv Screws and Hex Nuts .



**273 Precision ESD Phillips Screwdriver.**  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	+	+	+	+	+	+
28053 6	PH000	40	2.0	120	12.5	10
07640 5	PH00	40	2.0	120	12.5	10
07641 2	PH0	50	3.0	145	13.0	10
07642 9	PH1	60	4.0	170	14.0	10



**274 Precision ESD Pozidriv Screwdriver.**  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	+	+	+	+	+	+
07643 6	PZ1	60	4.0	170	14	10



**277 Precision ESD Hex Nut Driver.**  
Dissipative Handle, ESD-safe.

Blade: Chrome-vanadium steel, through hardened, chrome-plated.

Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	○	+	+	+	+	+
32312 7	1.5	60	2.5	-	155	13.0
32313 4	2.0	60	2.9	-	155	13.0
07653 5	2.5	60	4.0	4.0	155	13.0
07654 2	3	60	5.0	5.0	155	13.0
07655 9	3.5	60	5.3	6.0	155	13.0
07656 6	4	60	5.5	6.0	155	13.0
32314 1	4.5	60	6.2	7.0	155	13.0
07657 3	5	60	6.8	7.0	155	13.0
07658 0	5.5	60	7.6	8.0	170	14.0

## For Hex Sockets and TORX PLUS® Screws.



**275 Precision ESD Hex Screwdriver.**  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	○	+	+	+	+	+
27707 9	0.7	40	120	12.5		10
27708 6	0.9	40	120	12.5		10
07644 3	1.3	40	120	12.5		10
07645 0	1.5	50	145	13.0		10
07646 7	2	50	145	13.0		10
07647 4	2.5	60	170	14.0		10
07648 1	3	60	170	14.0		10
32315 8	4	60	170	14.0		10



**276 Precision ESD Ballpoint Hex Screwdriver.**  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

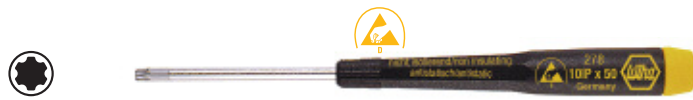
Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Extra: The ballpoint enables the user to work at angles up to 25°.

Order-No.	○	+	+	+	+	+
07649 8	1.5	50	145	13.0		10
07650 4	2	50	145	13.0		10
07651 1	2.5	60	170	14.0		10
07652 8	3	60	170	14.0		10



**278IP Precision ESD TORX PLUS® Screwdriver.**  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

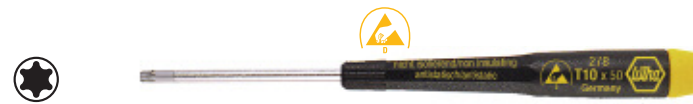
Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	+	+	+	+	+	+
28198 4	4IP	40	2.5	120	12.5	10
27761 1	5IP	40	2.5	120	12.5	10
27762 8	6IP	40	2.5	120	12.5	10
27763 5	7IP	40	2.5	120	12.5	10
27764 2	8IP	40	2.5	120	12.5	10
27765 9	9IP	50	3.0	145	13.0	10
27766 6	10IP	50	3.0	145	13.0	10
27767 3	15IP	60	3.5	170	14.0	10

## For TORX® Screws. Chip Lifter.



**278 Precision ESD TORX® Screwdriver.**  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	+	+	+	+	+	+
21256 8	T3	40	2.5	120	12.5	10
21255 1	T4	40	2.5	120	12.5	10
07659 7	T5	40	2.5	120	12.5	10
07660 3	T6	40	2.5	120	12.5	10
07661 0	T7	40	2.5	120	12.5	10
07662 7	T8	40	2.5	120	12.5	10
07663 4	T9	50	3.0	145	13.0	10
07664 1	T10	50	3.0	145	13.0	10
07665 8	T15	60	3.5	170	14.0	10
07666 5	T20	60	4.0	170	14.0	10



**278R Precision ESD TORX® MagicSpring® Screwdriver.**  
Dissipative Handle, ESD-safe.  
Retaining Spring holds TORX® Screws in Place.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Wiha ChromTop® finish on tip for a perfect fit every time.

Handle: Precision handle with rotating cap, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	+	+	+	+	+	+
27748 2	T6	40	2.5	120	12.5	10
27749 9	T7	40	2.5	120	12.5	10
27759 8	T8	40	2.5	120	12.5	10
27750 5	T9	50	3.0	145	13.0	10
27751 2	T10	50	3.0	145	13.0	10
27752 9	T15	60	3.5	170	14.0	10



**279-10 Precision ESD Chip Lifter.**  
Dissipative Handle, ESD-safe.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.

Handle: Precision handle, surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.

Standards: IEC 61340-5-1.

Application: For lifting tight parts on circuit boards.

Order-No.	+	+	+	+	+	+
07667 2	3.5	50	145	13.0		10

## ESD Screwdriver Sets.



**272 K6 Precision ESD Slotted/Phillips Screwdriver Set, 6 pcs.**  
Dissipative Handle, ESD-safe.

Order-No.	Series	+	+	+	+	+
08463 9	272 K6					1
Ⓜ	272	1.5x40	2.0x40	2.5x50	3.0x50	
+	273	PH00x40	PH0x50			

**278 K6 Precision ESD TORX® Screwdriver Set, 6 pcs.**  
Dissipative Handle, ESD-safe.

Order-No.	Series	+	+	+	+	+
26919 7	278 K6					1
+	278	T5x40	T6x40	T7x40	T8x40	
		T10x50	T15x60			

**275 K6 Precision ESD Hex Screwdriver Set, 6 pcs.**  
Dissipative Handle, ESD-safe.

Order-No.	Series	+	+	+	+	+
32278 1	275 K6					1
+	275	0.9x40	1.3x40	1.5x50	2x50	
		2.5x60	3x60			

**277 K6 Precision ESD Hex Nut Driver Set, 6 pcs.**  
Dissipative Handle, ESD-safe.

Order-No.	Series	+	+	+	+	+
32279 3	277 K6					1
+	277	2.5x60	3x60	3.5x60	4x60	
		5x60	5.5x60			



# Wiha Ceramic.

The Non-static Adjustment Tool for Clean Rooms.



design award winner

The ceramic blade and handle are completely anti-magnetic and anti-static.



With rotating cap and quick-turning zone for optimum handling.

## For Slotted and Phillips Screws.



270

Ceramic Slotted Screwdriver.

Non-static Adjustment Tool with Ceramic Blade.

Blade: Made of high-quality special ceramic, anti-static/anti-magnetic.  
 Handle: Wiha Proturm® Precision handle with rotating cap, anti-static/anti-magnetic.  
 Application: Specially designed for tuning and adjusting high frequency devices, suited to cleanrooms.

Order-No.	⌀	→	⊖	⊕	→	→	→
02163 4	0.9	15	0.35	1.75	94.5	12.5	10
02164 1	1.3	15	0.35	1.75	94.5	12.5	10
02167 2	1.8	15	0.35	1.75	94.5	12.5	10
02168 9	2.6	15	0.35	2.6	94.5	12.5	10



271

Ceramic Phillips Screwdriver.

Non-static Adjustment Tool with Ceramic Blade.

Order-No.	⊕	→	⊖	→	→	→
02169 6	PH0	15	2.6	94.5	12.5	10



270 HK3

Ceramic Slotted/Phillips Screwdriver Set, 3 pcs.

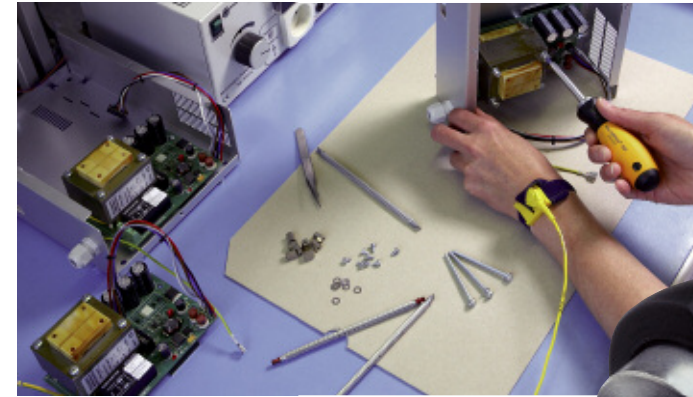
Non-static Adjustment Tool with Ceramic Blade.

Extra: Delivered in practical plastic box.

Order-No.	Series	→
02171 9	270 HK3	1
⊖	270	0.9x15 2.6x15
⊕	271	PH0x15

# Wiha SYSTEM 6 ESD.

The Compact Allrounder.



## Wiha SYSTEM 6:

- Flexible & versatile tools in industrial quality
- Dissipative handle designed to discharge uniformly, surface resistance  $10^6 - 10^9$  Ohm
- Fulfils the ESD standard IEC 61340-5-1
- Ergonomic SoftFinish® multi-component handle guarantees comfortable work and optimised handling
- Colour-coded blades made of high-quality, tough chrome-vanadium-molybdenum steel, through-hardened, chrome-plated
- Wiha ChromTop® tips ensure a perfect fit every time

### Safety Notice:

Wiha ESD screwdrivers are non-insulated, therefore not suitable for working on live parts.

42 - 114 mm

## SYSTEM 6 Handle.



284ESD

SYSTEM 6 SoftFinish®-telescopic ESD Handle.

Dissipative Handle, ESD-safe.

Handle: Ergonomic multi-component handle with roll-off protection. With 6 mm hex retainer. Enables adjustable blade lengths from 42-114 mm. ClickStop ball clamp guarantees a secure hold and rapid blade exchange. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	⊖	→	⊕	→
31496 5	6.0	115	36	5



# Wiha SYSTEM 6 ESD.

The Compact Allrounder.

## SYSTEM 6 Reversible Blades.



### 284 SYSTEM 6 Slotted Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.

Order-No.	⓪	⓪	⊖	⊖	↔	⦿	⦿
27627 0	3.5	4.5	0.6	0.8	150	6.0	5
00629 7	4.0	6.0	0.8	1.0	150	6.0	5
00630 3	5.5	6.5	1.0	1.2	150	6.0	5



### 284 SYSTEM 6 Combined Slotted-Phillips Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.

Order-No.	⓪	⊕	⊖	↔	⦿	⦿
00665 5	4.0	PH1	0.8	150	6.0	5
00666 2	6.0	PH2	1.0	150	6.0	5
00667 9	6.5	PH3	1.2	150	6.0	5



### 284 SYSTEM 6 Phillips Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.

Order-No.	⊕	⊕	↔	⦿	⦿
00631 0	PH1	PH2	150	6.0	5
27628 7	PH2	PH3	150	6.0	5



### 284 SYSTEM 6 Pozidriv Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.

Order-No.	⊕	⊕	↔	⦿	⦿
00632 7	PZ1	PZ2	150	6.0	5
27629 4	PZ2	PZ3	150	6.0	5

## SYSTEM 6 Reversible Blades.



### 284 SYSTEM 6 Combined Ballpoint Hex-Hex Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.  
Extra: The ballpoint enables the user to work at angles up to 25°.

Order-No.	⦿	⦿	↔	⦿	⦿
00635 8	2.5	2.5	150	6.0	5
00636 5	3	3	150	6.0	5
00637 2	4	4	150	6.0	5
00638 9	5	5	150	6.0	5
00639 6	6	6	150	6.0	5



### 284 SYSTEM 6 TORX® Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.

Order-No.	⦿	⦿	↔	⦿	⦿
00654 9	T6	T8	150	6.0	5
00655 6	T7	T9	150	6.0	5
00656 3	T10	T15	150	6.0	5
00657 0	T20	T25	150	6.0	5
00658 7	T30	T40	150	6.0	5



### 284 SYSTEM 6 TORX® Tamper Resistant Reversible Blade. For TORX® Screws with Locking Pin.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.  
With borehole in the blade tip.

Order-No.	⦿	⦿	↔	⦿	⦿
27630 0	T6H	T8H	150	6.0	5
27631 7	T7H	T9H	150	6.0	5
27632 4	T10H	T15H	150	6.0	5
27633 1	T20H	T25H	150	6.0	5
27634 8	T30H	T40H	150	6.0	5

#### Safety Notice:

Wiha ESD screwdrivers are non-insulated, therefore not suitable for working on live parts.

## SYSTEM 6 Reversible Blade, Bit Holder, Adapter.



### 284 SYSTEM 6 Tri-Wing® Reversible Blade.

For Tri-Wing® Security Screws.  
Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.

Order-No.	⦿	⦿	↔	⦿	⦿
27637 9	TW0	TW1	150	6.0	5
27638 6	TW2	TW3	150	6.0	5
27639 3	TW4	TW5	150	6.0	5



### 284 SYSTEM 6 Torq-Set® Reversible Blade.

For Torq-Set® Security Screws.  
Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.

Order-No.	⦿	⦿	↔	⦿	⦿
27635 5	TS2	TS4	150	6.0	5
27636 2	TS6	TS8	150	6.0	5



### 7802 SYSTEM 6 Bit Holder.

Suitable for C 6.3 and E 6.3 (1/4") Bits.  
Blade: Chrome-vanadium steel, through hardened, chrome-plated.  
Bit retainer made of stainless steel with integrated permanent magnet.

Order-No.	⦿	↔	⦿	⦿	⦿
03882 3	1/4	164	6.0	10	5



### 7803 SYSTEM 6 Adapter Blade.

Suitable for 1/4" Square Sockets.  
Blade: Chrome-vanadium steel, through hardened, chrome-plated.  
1/4" square drive with ball retainer.

Order-No.	⦿	↔	⦿	⦿	⦿
03883 0	1/4	164	6.0		5



### U109 00 SYSTEM 6 Extension Blade.

Suitable for Blades.  
Blade: Chrome-vanadium steel, through hardened, chrome-plated.  
Extends all SYSTEM 6 blades up to 100 mm.

Order-No.	⦿	↔	⦿	⦿	⦿
08921 4	6.0	166	6.0	11	5

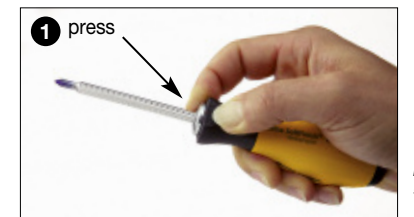
## Starter-Set.



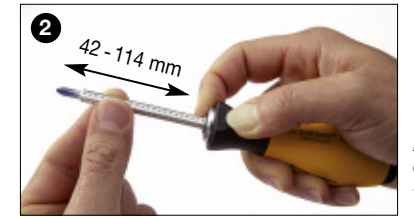
### 284ESD T6 01 SYSTEM 6 ESD Set of Reversible Blades, 6 pcs. Slotted/ Phillips/ Hex/ Ballpoint Hex.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Colour-coded Wiha ChromTop® tips.  
Blade length is adjustable from 42-114 mm.  
Handle: SYSTEM 6 SoftFinish®-telescopic ESD handle.  
ESD-safe (dissipative), surface resistance 10<sup>6</sup> - 10<sup>9</sup> Ohm.  
ClickStop ball clamp guarantees a secure hold and rapid blade exchange.  
Extra: Versatile and space-saving, fits in every toolbox.

Order-No.	Series	⦿
31497 2	284ESD T6 01	1
⓪	284	SYSTEM 6 SoftFinish®-telescopic ESD handle
⓪	284	3.5 - 4.5 4.0 - 6.0 5.5 - 6.5
⊕	284	PH1 - PH2
⦿	284	5 - 5



Press sleeve:  
=> Blade locking is released



Press and hold down sleeve:  
=> Set desired blade length



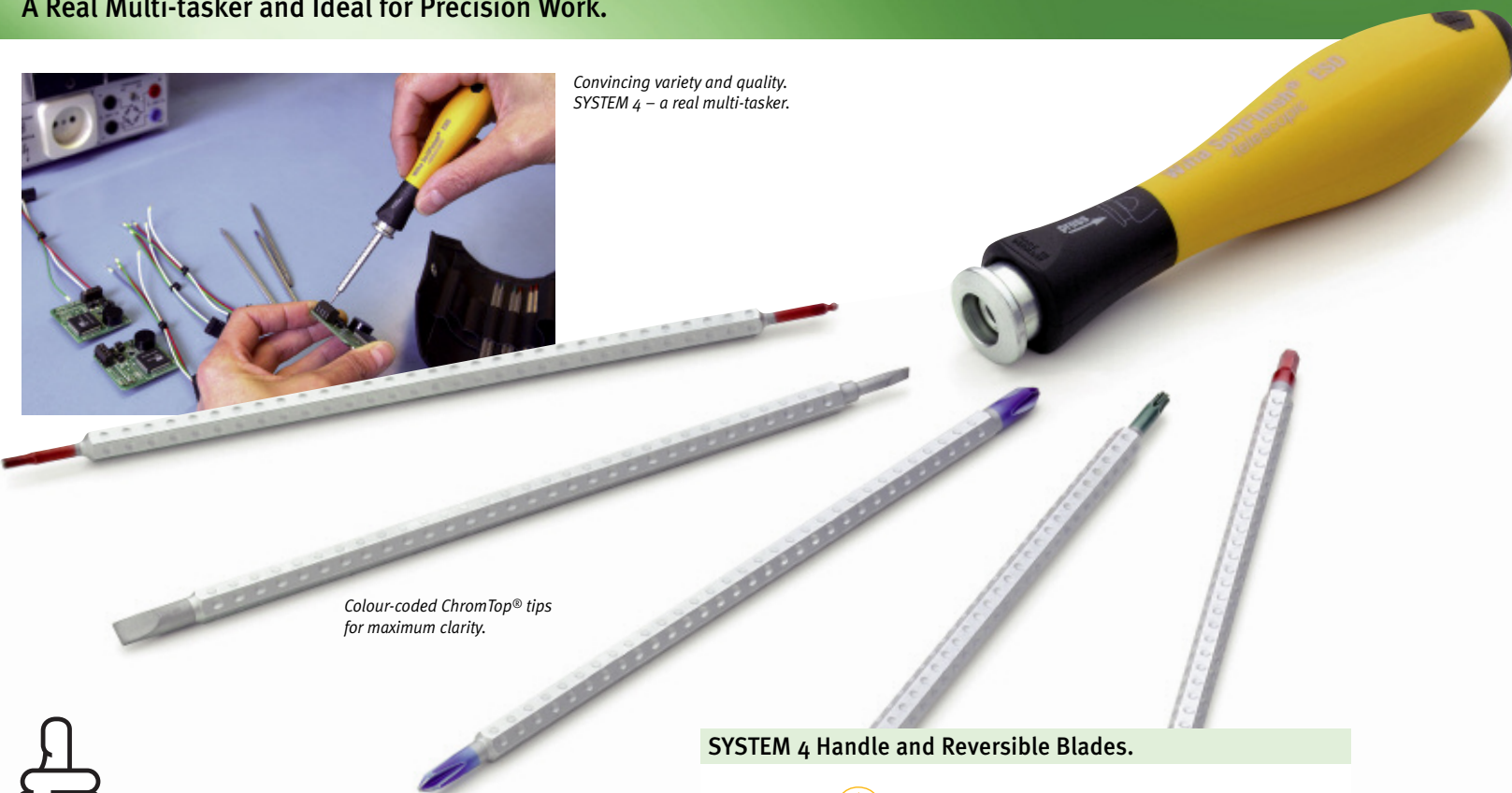
Release sleeve:  
=> Blade is held securely

# Wiha SYSTEM 4.

A Real Multi-tasker and Ideal for Precision Work.



Convincing variety and quality.  
SYSTEM 4 – a real multi-tasker.

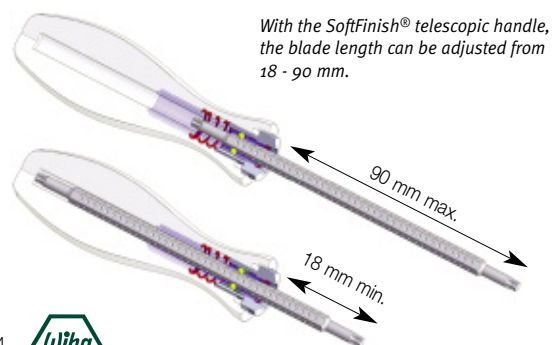


Colour-coded ChromTop® tips for maximum clarity.



## Wiha SYSTEM 4:

- Flexible, versatile reversible precision blade system
- Dissipative handle designed to discharge uniformly, surface resistance  $10^6 - 10^9$  Ohm
- Fulfils the ESD standard IEC 61340-5-1
- Ergonomic SoftFinish® multi-component handle guarantees comfortable work and optimised handling
- Colour-coded blades made of high-quality, tough-but-flexible chrome-vanadium-molybdenum steel, through-hardened, chrome-plated
- Wiha ChromTop® tips ensure a perfect fit every time



With the SoftFinish® telescopic handle, the blade length can be adjusted from 18 - 90 mm.

### SYSTEM 4 Handle and Reversible Blades.



#### 2691ESD SYSTEM 4 SoftFinish®-telescopic ESD Handle. Dissipative Handle, ESD-safe.

Handle: Ergonomic multi-component handle with roll-off protection. With 4 mm hex retainer for all SYSTEM 4 blades. Enables adjustable blade lengths from 18-90 mm. ClickStop ball clamp guarantees a secure hold and rapid blade exchange. Surface resistance  $10^6 - 10^9$  Ohm.

Standards: IEC 61340-5-1.

Application: For working on electrostatically sensitive components.

Order-No.	⊙	⊕	⊖	⊗	⊘	⊙	⊙
31498 9	4.0	105	23				10



#### 269 SYSTEM 4 Slotted Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated. Colour-coded Wiha ChromTop® tips.

Order-No.	⊙	⊕	⊖	⊗	⊘	⊙	⊙
00576 4	1.5	3.0	0.25	0.5	120	4.0	5
00577 1	2.0	3.5	0.4	0.6	120	4.0	5
00578 8	2.5	4.0	0.4	0.8	120	4.0	5



#### 269 SYSTEM 4 Slotted Phillips Reversible Blade.

Order-No.	⊙	⊕	⊖	⊗	⊘	⊙	⊙
00601 3	2.0	PH00	0.4	120	4.0		5
00602 0	3.0	PH0	0.5	120	4.0		5
00603 7	4.0	PH1	0.8	120	4.0		5

### SYSTEM 4 Reversible Blades.



#### 269 SYSTEM 4 Phillips Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated. Colour-coded Wiha ChromTop® tips.

Order-No.	⊕	⊖	⊗	⊘	⊙	⊙
00579 5	PH000	PH00	120	4.0		5
00580 1	PH0	PH1	120	4.0		5



#### 269 SYSTEM 4 Pozidriv Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated. Colour-coded Wiha ChromTop® tips.

Order-No.	⊕	⊖	⊗	⊘	⊙	⊙
03186 2	PZ0	PZ1	120	4.0		5



#### 269 SYSTEM 4 TORX® Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated. Colour-coded Wiha ChromTop® tips.

Order-No.	⊕	⊖	⊗	⊘	⊙	⊙
26122 1	T1	T2	120	4.0		5
26123 8	T3	T4	120	4.0		5
26124 5	T5	T6	120	4.0		5
00597 9	T6	T8	120	4.0		5
00598 6	T7	T9	120	4.0		5
00599 3	T10	T15	120	4.0		5
00600 6	T15	T20	120	4.0		5



#### 269 SYSTEM 4 Combined Ballpoint Hex-Hex Reversible Blade.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated. Colour-coded Wiha ChromTop® tips.

Extra: The ballpoint enables the user to work at angles up to 25°.

Order-No.	⊙	⊕	⊖	⊗	⊘	⊙	⊙
00582 5	1.3	1.3	120	4.0			5
00583 2	1.5	1.5	120	4.0			5
00584 9	2	2	120	4.0			5
00585 6	2.5	2.5	120	4.0			5
00586 3	3	3	120	4.0			5
00587 0	4	4	120	4.0			5

### SYSTEM 4 Bit Holder, Nut Driver and Set.



#### U759 00 SYSTEM 4 Bit Holder.

Suitable for C 4 (4 mm) Bits.  
Blade: Chrome-vanadium steel, through hardened, electro-plated.

Order-No.	⊙	⊕	⊖	⊗	⊘	⊙
09195 8	4.0	135	4.0	9		1



#### 269 SYSTEM 4 Nut Driver. For Hex Nuts.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.  
Application: For Hex Nuts.

Order-No.	⊙	⊕	⊖	⊗	⊘	⊙
00588 7	1.5	1.8	125	4.0		5
00589 4	2	2.5	125	4.0		5
00590 0	3		125	4.0		5
00591 7	3.2		125	4.0		5
00592 4	3.5		125	4.0		5
00593 1	4		125	4.0		5
00594 8	4.5		125	4.0		5
00595 5	5		125	4.0		5
00596 2	5.5		125	4.0		5



#### 2691 T11 ESD SYSTEM 4 ESD Reversible Blades Set, 11 pcs. Slotted/ Phillips/ TORX®/ Hex/ Ballpoint Hex.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated. Colour-coded Wiha ChromTop® tips. Blade length is adjustable from 18-90 mm.

Handle: SYSTEM 4 SoftFinish®-telescopic ESD handle. ESD-safe (dissipative), surface resistance  $10^6 - 10^9$  Ohm. ClickStop ball clamp guarantees a secure hold and rapid blade exchange.

Extra: Roll-up pouch made of ESD-safe material.

Order-No.	Series	⊙	⊕	⊖	⊗	⊘	⊙
31499 6	2691 T11 ESD						5
	2691 ESD						
		⊙	⊕	⊖	⊗	⊘	
		269	1.5 - 3.0	2.0 - 3.5	2.5 - 4.0		
		⊕	⊕	269	PH000 - PH00	PH0 - PH1	
		⊗	⊗	269	T6 - T8	T7 - T9	
		⊙	⊙	269	1.5 - 1.5	2 - 2	2.5 - 2.5



# Wiha Torque ESD Screwdrivers.

## Wiha TorqueVario®-S ESD



Wiha SoftFinish® ESD screwdrivers have a surface resistance of  $10^6 - 10^9 \text{ Ohm}$ .



In electronic assemblies and ESD protected zones, where electrostatic sensitive components and devices must be grounded, the TorqueVario®-S ESD should be used.



### TorqueVario®-S ESD:

- Dissipative handle designed to discharge uniformly, surface resistance  $10^6 - 10^9 \text{ Ohm}$
- Fulfils the ESD standard IEC 61340-5-1
- Ergonomic SoftFinish® multi-component handle guarantees comfortable work and optimised handling
- Ergonomic handle sizes that are proportional to the torque ranges
- Each tool is individually tested and marked with an identification number
- Clearly audible and perceptible click on attaining the pre-set torque
- Interchangeable blades are made from high quality-chrome-vanadium steel
- Universal bit holder for all C 6.3 and E 6.3 bits, adapter blade for 1/4" nuts
- Fulfills all accuracy requirements as defined by EN ISO 6789, BS EN 26789 and ASME B 107.14M
- Accuracy +/- 6% from defined scale value
- Delivered with factory calibration certificate



### TorqueVario®-S ESD with Scale.



#### 2882 TorqueVario®-S ESD Torque Screwdriver. Torque Value can be set via Window Scale. Automatic Release.

Handle: Torque infinitely adjustable with Torque-Setter setting tool (also supplied). Ergonomic multi-component handle, made of ESD-safe dissipative material. Handle sizes proportioned to optimise torque setting. Audible and perceptible click when the pre-set torque has been attained.

Standards: IEC 61340-5-1.  
EN ISO 6798, BS EN 26789, ASME B107.14M

Accuracy: ±6%, traceable to national standards (•model 0.1-0.6 Nm = ±10%).

Application: For ESD applications where recommended torque settings are important. Use in combination with a Wiha Torque ESD interchangeable blade.

Extra: Delivered in practical plastic box, incl. factory calibration certificate.

Order-No.	Nm	⊖	⊕	⊗	⊘
26865 7	0.1-0.6•	4	127	23	1
26629 5	0.4-1.0	4	127	23	1
26866 4	0.8-2.0	4	131	30	1
30495 9	1.0-5.0	4	138	36	1

• Accuracy ±10%



### Torque ESD Interchangeable Blades.



#### 2889 Torque ESD Slotted Interchangeable Blade. For Torque ESD Screwdrivers.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated. Wiha ChromTop® finish on tip for a perfect fit every time. Moulded with static dissipative, black plastic material.

Standards: IEC 61340-5-1, DIN ISO 2380.

Application: For ESD applications where recommended torque settings are important. Use in combination with a Wiha ESD torque handle.

Order-No.	⊖	⊕	⊗	⊘	↔	↔	max. Nm	⊖
26869 5	0.25	1.5	4	175	42	0.15		1
26870 1	0.4	2.0	4	175	42	0.4		1
26871 8	0.5	3.0	4	175	42	0.6		1
26872 5	0.6	3.5	4	175	42	1.1		1
26873 2	0.8	4.0	4	175	42	2.5		1



#### 2889 Torque ESD Phillips Interchangeable Blade. For Torque ESD Screwdrivers.

Standards: IEC 61340-5-1, DIN ISO 8764.

Order-No.	⊕	⊖	↔	↔	max. Nm	⊖
26877 0	PH000	4	175	42	0.4	1
26876 3	PH00	4	175	42	0.4	1
26875 6	PH0	4	175	42	0.9	1
26878 7	PH1	4	175	42	3.8	1



#### 2889 Torque ESD Pozidriv Interchangeable Blade. For Torque ESD Screwdrivers.

Standards: IEC 61340-5-1, DIN ISO 8764.

Order-No.	⊕	⊖	↔	↔	max. Nm	⊖
26879 4	PZ0	4	175	42	0.9	1
26880 0	PZ1	4	175	42	3.8	1



#### 2889 Torque ESD TORX® Interchangeable Blade. For Torque ESD Screwdrivers.

Standards: IEC 61340-5-1.

Order-No.	⊕	⊖	↔	↔	max. Nm	⊖
26881 7	T5	4	175	42	0.4	1
26882 4	T6	4	175	42	0.6	1
26868 8	T7	4	175	42	0.9	1
26883 1	T8	4	175	42	1.3	1
26884 8	T9	4	175	42	2.5	1
26885 5	T10	4	175	42	3.8	1

### Torque ESD Interchangeable Blades and Set.



#### 2889 Torque ESD Bit Universal Holder. For Torque ESD Screwdrivers. Suitable for C 6.3 and E 6.3 (1/4") Bits.

Blade: High quality chrome-vanadium-molybdenum steel, through hardened, chrome-plated.

Sleeve: Made of stainless steel, moulded with dissipative, black plastic material.

Application: For ESD applications where recommended torque settings are important. Use in combination with a Wiha ESD torque handle.

Order-No.	⊖	⊕	↔	↔	⊖
27711 6	1/4	4	162	11	1



#### 288-900 Torque-Setter ESD. Setting Tool for Variable Torque ESD Screwdrivers. Included in Every Torque ESD Screwdriver Delivery.

Blade: Octagonal blade, through hardened, zinc-plated.

Handle: Made of static dissipative plastic material.

Standards: IEC 61340-5-1.

Order-No.	↔	↔	⊖
27279 1	40	150	1



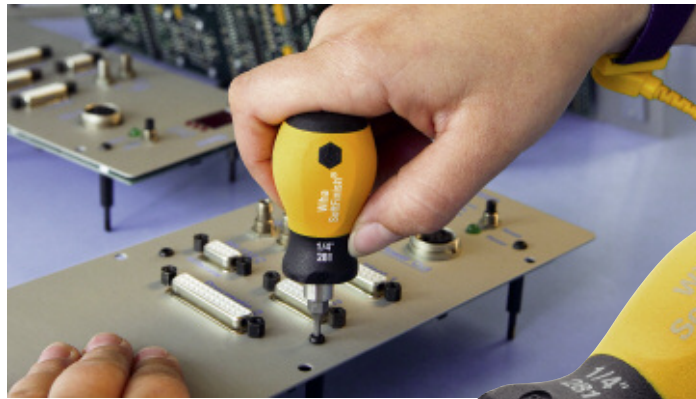
#### 2882 S10 TorqueVario®-S ESD Torque Screwdriver Set, 13 pcs. Torque Value can be set via Window Scale. With Bit Universal Holder and 10 Phillips/ Pozidriv/ TORX®/ Hex Standard Bits.

Extra: Delivered in robust metal box, incl. factory calibration certificate.

Order-No.	Series	⊖
27687 4	2882 S10	1
2882	TorqueVario®-S ESD torque screwdriver	
2889	Torque ESD bit universal holder	
288-900	Torque-Setter ESD	
⊖	7010 Z	4.0x25 5.5x25
⊕	7011 Z	PH0x25 PH1x25
⊗	7012 Z	PZ0x25 PZ1x25
⊘	7015 Z	T7x25 T8x25 T9x25 T10x25



# Wiha ESD Bit Holders.



Wiha ESD bit holder handles have a surface resistance of  $10^6 - 10^9$  Ohm.



## Wiha ESD Bit Holders:

- Dissipative handles designed to discharge uniformly, surface resistance  $10^6 - 10^9$  Ohm
- Fulfil the ESD standard IEC 61340-5-1
- Ergonomic SoftFinish® multi-component handles guarantee comfortable work and optimised handling

### ESD Bit Holder.



**NEW 387ESD** ESD Bit Holder with Handle, Quick Release Holder, 1/4".

Handle: Wiha SoftFinish® multi-component handle with roll-off protection.  
 Standards: Handle: IEC 61340-5-1.  
 DIN 3126, ISO 1173, style D 6.3.  
 Bit holder: Stainless steel with strong magnet.  
 Application: Suitable for all current screw fittings.  
 All-purpose compact screwdriver together with 1/4" bits  
 Extra: Together with Wiha countersink bits, can be used as manual deburrer.

Order-No.	Ø	→	←	↑	↓
32161 1	1/4	35	125	36	10

### ESD Bit Holder and Standard Bits, Style C 6.3.



**NEW 281-01ESD** ESD Bit Holder with Handle, Retaining Ring, 1/4".  
**Dissipative Handle, ESD-safe.**

Handle: Ergonomic multi-component handle with roll-off protection.  
 ESD-safe (dissipative), surface resistance  $10^6 - 10^9$  Ohm.  
 Universal use for all bits.  
 Standards: Handle: IEC 61340-5-1.  
 Drive: DIN 3126, ISO 1173, style D 6.3.  
 Bit holder: Stainless steel with retaining ring.  
 Application: For working on electrostatically sensitive components, especially in tight places.

Order-No.	Ø	→	←	↑	↓
32484 1	1/4	57	34		10



**7010 Z** Standard Bit, Slotted, Style C 6.3.

Material: High grade chrome-vanadium steel, through hardened.  
 Drive: DIN 3126, ISO 1173, Style C 6.3.  
 Application: For all types of screw applications in trade and industry.

Order-No.	Ø	→	←	↑	↓
01623 4	4.5	25	0.6		10
01624 1	5.5	25	0.8		10



**7010 Z L** Standard Bit, Slotted, Style C 6.3.

Material: High grade chrome-vanadium steel, through hardened.  
 Drive: DIN 3126, ISO 1173, Style C 6.3.  
 Application: For all types of screw applications in trade and industry.

Order-No.	Ø	→	←	↑	↓
01604 3	3.0	39	0.5		10
01607 4	3.5	39	0.6		10
01606 7	4.0	39	0.5		10
01610 4	4.0	39	0.8		10



**7011 Z** Standard Bit, Phillips, Style C 6.3.

Material: High grade chrome-vanadium steel, through hardened.  
 Drive: DIN 3126, ISO 1173, Style C 6.3.  
 Application: For all types of screw applications in trade and industry.

Order-No.	Ø	→	←	↑	↓
05298 0	PH0	25			10
01657 9	PH1	25			10
01658 6	PH2	25			10
01659 3	PH3	25			10

### Standard Bits, Style C 6.3.



**7012 Z** Standard Bit, Pozidriv, Style C 6.3.

Material: High grade chrome-vanadium steel, through hardened.  
 Drive: DIN 3126, ISO 1173, Style C 6.3.  
 Application: For all types of screw applications in trade and industry.

Order-No.	Ø	→	←	↑	↓
05300 0	PZ0	25			10
01688 3	PZ1	25			10
01689 0	PZ2	25			10
01690 6	PZ3	25			10



**7015 Z** Standard Bit, TORX®, Style C 6.3.

Material: High grade chrome-vanadium steel, through hardened.  
 Drive: DIN 3126, ISO 1173, Style C 6.3.  
 Application: For all types of screw applications in trade and industry.

Order-No.	Ø	→	←	↑	↓
26250 1	T3	25			10
25097 0	T4	25			10
01711 8	T5	25			10
01712 5	T6	25			10
01713 2	T7	25			10
01714 9	T8	25			10
01715 6	T9	25			10
01716 3	T10	25			10



**7013 Z** Standard Bit, Hex, Style C 6.3.

Material: High grade chrome-vanadium steel, through hardened.  
 Drive: DIN 3126, ISO 1173, Style C 6.3.  
 Application: For all types of screw applications in trade and industry.

Order-No.	Ø	→	←	↑	↓
04011 6	1.5	25			10
01703 3	2.0	25			10
01704 0	2.5	25			10
01705 7	3.0	25			10
01706 4	4.0	25			10
01707 1	5.0	25			10



# Wiha Professional ESD.

Precision for Electronic Professionals.

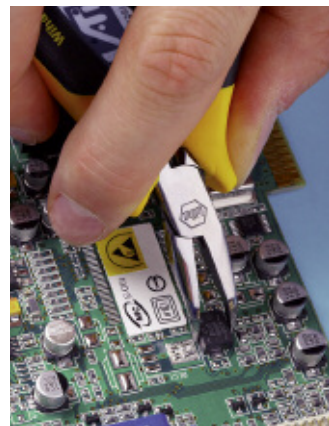


## Wiha Professional ESD:

- Drop forged from the best selected, suitable carbon steels for the best technical properties
- Cutting edges are additionally induction hardened up to 64 HRC for maximum service life and cutting results
- Finely mirror polished heads provide safety as there are no flaking chrome particles preventing damage to electronic components. Low glare
- Precision box joint: close fit prevents distortion, low-wear for clearance and jolt-free movement
- Dual leaf springs and extremely ergonomic multi-component handle provide for comfortable, controlled and sensitive work
- Surface resistance of  $10^6 - 10^9$  Ohm is appropriate for electronic work in ESD controlled areas as defined in IEC 61340-5-1 standard



The Professional ESD side-cutter with a broad, pointed head cut soft wires flush.



The Professional ESD needle-nose pliers are predominantly used for fine gripping and bending work.

### Safety Notice:

Wiha Professional ESD pliers are non-insulated, therefore not suitable for working on live parts.

### Side-cutter, Narrow, Pointed Shape.



#### Z 40 1 04 Diagonal Cutter Professional ESD.

Standards: DIN ISO 9654. IEC 61340-5-1.

Head shape: Narrow, pointed head.

Design: Bevelled cutting edges, individually tested, also appropriate for thin, hard wires.

Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

Material: High alloy carbon steel C 60.

Application: For cutting different hardnesses of wires in places which are difficult to access.

Order-No.	mm	II	○	●	⊖	⊕
26808 4	115	4 ½	1.0	0.6	0.3	60



#### Z 40 4 04 Diagonal Cutter Professional ESD.

Standards: DIN ISO 9654. IEC 61340-5-1.

Head shape: Extra narrow, short head for working in particularly restricted spaces.

Design: Cutting edge almost without bevel for virtually flush cutting, individually tested.

Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

Material: High alloy carbon steel C 60.

Application: For virtually flush cutting copper wire in flat places which are difficult to reach.

Order-No.	mm	II	○	⊖	⊕
26814 5	115	4 ½	1.0	60	5

### Details of cutting results of cutting pliers.

Symbol	Types of wire	Example	Tensile strength ca. N/mm <sup>2</sup>
○	Soft wire	Copper, aluminium	220 - 250
◐	Medium hard wire	Iron nail	750 - 800
●	Hard wire	Spring wire, steel nails	1.600 - 1.800
●	Piano wire	Hardened spring steel	2.200 - 2.300

Test wires standardised in DIN ISO 5744

### Side-cutter, Broad, Pointed Shape.



#### Z 41 1 04 Diagonal Cutter Professional ESD.

Standards: DIN ISO 9654. IEC 61340-5-1.

Head shape: Wide, pointed head.

Design: Bevelled cutting edges, also appropriate for hard wires.

Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

Material: High alloy carbon steel C 60.

Application: All round electronic diagonal cutter for cutting wires of different hardnesses.

Order-No.	mm	II	○	●	⊖	⊕
26816 9	115	4 ½	1.4	1.0	0.4	60



#### Z 41 3 04 Diagonal Cutter Professional ESD.

Standards: DIN ISO 9654. IEC 61340-5-1.

Head shape: Wide, pointed head.

Design: Cutting edge without bevel for absolute flush cutting.

Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

Material: High alloy carbon steel C 60.

Application: For absolutely flush cutting of copper wire.

Order-No.	mm	II	○	⊖	⊕
26821 3	115	4 ½	1.0	60	5



#### Z 41 4 04 Diagonal Cutters Professional ESD with Wire Trapping Spring.

Standards: DIN ISO 9654. IEC 61340-5-1.

Head shape: Wide, pointed head.

Design: With fixture for trapping ends of wires which have been cut off.

Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.

Material: High alloy carbon steel C 60.

Application: For virtually flush cutting copper wire, function for trapping cut off wire.

Order-No.	mm	II	○	⊖	⊕
26822 0	115	4 ½	1.2	60	5



# Wiha Professional ESD.

Precision for Electronic Professionals.

## Side-cutter, Semi-circular Shape.



**Z 43 1 04 Diagonal Cutter Professional ESD.**  
 Standards: DIN ISO 9654. IEC 61340-5-1.  
 Head shape: Narrow, semi-circular head.  
 Design: Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.  
 Material: High alloy carbon steel C 60.  
 Application: For virtually flush cutting of copper wire in places which are difficult to access.

Order-No.	mm	II	○	⌋	⌋
26826 8	115	4 ½	1.2	60	5

## Oblique End Cutters.



**Z 46 1 04 Oblique End Cutting Nippers Professional ESD.**  
 Standards: DIN ISO 9654. IEC 61340-5-1.  
 Head shape: Wide head, angled at 29°.  
 Design: Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.  
 Material: High alloy carbon steel C 60.  
 Application: For virtually flush cutting of soft wires. Can be used horizontally and vertically.

Order-No.	mm	II	○	⌋	⌋
26835 0	115	4 ½	1.2	78	5



**Z 44 1 04 Diagonal Cutter Professional ESD.**  
 Standards: DIN ISO 9654. IEC 61340-5-1.  
 Head shape: Wide, semi-circular head.  
 Design: Bevelled cutting edges, also appropriate for thin, hard wires. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.  
 Material: High alloy carbon steel C 60.  
 Application: All round electronic diagonal cutter for cutting wires of different hardnesses.

Order-No.	mm	II	○	○	○	⌋	⌋
26831 2	115	4 ½	1.4	1.0	0.4	60	5



**Z 46 4 04 Oblique End Cutting Nippers Professional ESD.**  
 Standards: DIN ISO 9654. IEC 61340-5-1.  
 Head shape: Extra narrow head. Cutting edges angled at 40°.  
 Design: Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.  
 Material: High alloy carbon steel C 60.  
 Application: For virtually flush cutting thin, soft wires in places which are particularly difficult to access.

Order-No.	mm	II	○	⌋	⌋
26838 1	110	4 ¼	0.6	42	5



**Z 44 3 04 Diagonal Cutter Professional ESD.**  
 Standards: DIN ISO 9654. IEC 61340-5-1.  
 Head shape: Wide, semi-circular head.  
 Design: Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.  
 Material: High alloy carbon steel C 60.  
 Application: For virtually flush cutting of soft wires.

Order-No.	mm	II	○	⌋	⌋
26832 9	115	4 ½	1.2	60	5



**Z 47 1 04 End Cutting Nippers Professional ESD.**  
 Standards: DIN ISO 9654. IEC 61340-5-1.  
 Head shape: Extra narrow, slim shape.  
 Design: Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.  
 Material: High alloy carbon steel C 60.  
 Application: For virtually flush cutting of soft wires in places which are particularly difficult to access.

Order-No.	mm	II	○	⌋	⌋
26839 8	110	4 ¼	0.6	65	5

## End Cutters and Gripping Pliers.



**Z 47 2 04 End Cutting Nippers Professional ESD.**  
 Standards: DIN ISO 9654. IEC 61340-5-1.  
 Head shape: Wide head.  
 Design: Cutting edge with full flush cutter function for virtually flush cutting. Maximum service life of cutting edge achieved through additional inductive hardening to approx. 64 HRC. With opening spring.  
 Material: High alloy carbon steel C 60.  
 Application: For frontal, virtually flush cutting of thicker, soft wires.

Order-No.	mm	II	○	⌋	⌋
26840 4	115	4 ½	1.4	65	5



**Z 36 0 04 Needle Nose Pliers Professional ESD.**  
 Standards: DIN ISO 9655. IEC 61340-5-1.  
 Head shape: Straight head.  
 Design: Fine, semi-circular tips. Ridged gripping surfaces. With opening spring.  
 Material: C 45 Special tool steel, hardened and tempered.  
 Application: Mainly for precision gripping and bending work.

Order-No.	mm	II	A	B	D	F	⌋	⌋
26799 5	120	4 ¾	9.5	23	6.5	1.4	60	5
27905 9	145	5 ¾	12.0	40	7.5	2.0	93	5



**Z 36 1 04 Needle Nose Pliers Professional ESD.**  
 Standards: DIN ISO 9655. IEC 61340-5-1.  
 Head shape: Angled at 45°.  
 Design: Fine, semi-circular tips. Smooth gripping surfaces. With opening spring.  
 Material: C 45 Special tool steel, hardened and tempered.  
 Application: Mainly for precision gripping and bending work.

Order-No.	mm	II	⌋	⌋
26802 2	120	4 ¾	60	5

## Gripping Pliers.



**Z 37 0 04 Round Nose Pliers Professional ESD.**  
 Standards: DIN ISO 9655. IEC 61340-5-1.  
 Head shape: Round, short jaws.  
 Design: Smooth gripping surfaces. With opening spring.  
 Material: C 45 Special tool steel, hardened and tempered.  
 Application: Mainly for precision gripping and bending work.

Order-No.	mm	II	⌋	⌋
26804 6	120	4 ¾	60	5



**Z 38 0 04 Flat Nose Pliers Professional ESD.**  
 Standards: DIN ISO 9655. IEC 61340-5-1.  
 Head shape: Flat, short jaws.  
 Design: Smooth gripping surfaces. With opening spring.  
 Material: C 45 Special tool steel, hardened and tempered.  
 Application: Mainly for precision gripping and bending work.

Order-No.	mm	II	⌋	⌋
26806 0	120	4 ¾	60	5

## Wiha Info

A variety of different pliers are required for electronics applications.

Simply contact us if you require different models for other applications.



# Wiha Professional ESD Electronic Tweezers.

For High Standards when it Comes to Precision and Safety.



Thanks to its wide selection of tips, the Professional ESD precision tweezers handle even tricky work effortlessly, for example on sensitive semiconductors.



## Wiha Professional ESD Electronic Tweezers

- High-quality alloy made of chromium-nickel stainless steel with a high nickel content: guaranteed 100% anti-magnetic
- ESD-safe (anti-static) due to special ESD coating; suitable for electronic work on ESD sensitive components in accordance with IEC 61340-5-1
- Acid-resistant and stainless
- Non-glare surface
- Symmetric, exactly harmonised, precision tips for precise work
- Each piece is individually tested

### Universal Tweezers.



**ZP 01 0 14 Universal Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Universal tweezers for all current electronics applications.

Order-No.	mm	Typ	mm	mm
32318 9	130	AA	19	10



**ZP 46 0 14 Universal Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Fine-tooth gripping surface, grooved gripping surface. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Universal tweezers for all current electronics applications.

Order-No.	mm	Typ	mm	mm
32343 1	120	40	29	10

### Precision Tweezers.



**ZP 06 0 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	mm	mm
32347 9	130	GG	19	10



**ZP 07 1 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	mm	mm
32325 7	130	PSF	18	10



**ZP 09 0 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	mm	mm
32326 4	135	SS	13	10

### Precision Tweezers.



**ZP 11 0 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	mm	mm
32327 1	120	00	21	10



**ZP 15 0 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	mm	mm
32329 5	120	2a	16	10



**ZP 16 0 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	mm	mm
32346 2	110	3c	14	10

## Wiha Info

A variety of different tweezers are required for electronics applications. Simply contact us if you require different models for other applications.



# Wiha Professional ESD.

For High Standards when it comes to Precision and Safety.

## Precision Tweezers.



**ZP 18 0 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	↕	↔
32334 9	110	5	13	10



**ZP 20 1 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	↕	↔
32335 6	120	7a	15	10



**ZP 20 2 14 Precision Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: Precision tweezers for gripping and holding electronic components.

Order-No.	mm	Typ	↕	↔
32336 3	120	7abb	15	10

## SMD Tweezers.



**ZP 24 0 14 SMD Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: SMD special tweezers for horizontal gripping of components.

Order-No.	mm	Typ	↕	↔
32338 7	120	12	15	10



**ZP 25 2 14 SMD Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: SMD special tweezers for horizontal gripping of components.

Order-No.	mm	Typ	↕	↔
32340 0	120	13	16	10



**ZP 25 3 14 SMD Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surfaces, gripping surfaces without grooves. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: SMD special tweezers for horizontal gripping of components.

Order-No.	mm	Typ	↕	↔
32337 0	120	8b	16	10



**ZP 50 0 14 SMD Tweezers Professional ESD.**  
 Standards: IEC 61340-5-1.  
 Design: Smooth gripping surface, grooved gripping surface. Non-glare black coated, anti-static. Anti-magnetic and acid-resistant.  
 Material: Special alloyed, non-rusting, chromium-nickel stainless steel.  
 Application: SMD special tweezers for gripping and holding horizontally-designed components.

Order-No.	mm	Typ	↕	↔
32344 8	117	59	14	10

# Wiha dialMax ESD.

Dial Calliper.

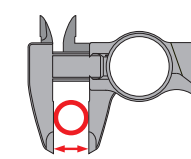


## Wiha dialMax ESD:

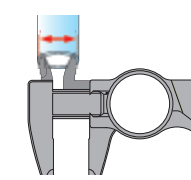
- Non-metallic high-tech material with 60% fibre-glass content, extremely high rigidity
- Extremely wear-resistant measuring jaw for precise measurements in the long-term
- Non-corrosive, non-magnetic, hardly conductive and electrically insulated
- Resistant to chemicals (alkalis, petrol, oil, grease, etc.)
- Thermal stability of the measuring surfaces: short-term up to 180°C, continuous 100-120°C
- Practical ratchet guarantees uniform clamping force of the measuring jaw
- Unlike metal callipers, prevents damage to delicate surfaces
- Dissipative calliper designed to discharge uniformly, surface resistance  $10^6 - 10^9 \text{ Ohm}$
- Fulfils the ESD standard IEC 61340-5-1



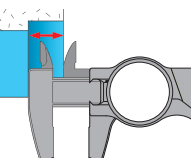
Outside measuring



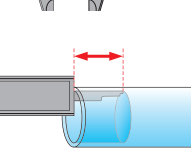
Inside measuring



Step measuring



Depth measuring



## dialMax ESD.



### 411 210 8 Dial Calliper dialMax ESD, Reading 0.1 mm.

Material: Calliper made of ESD-safe material.  
 Scale: Dial, diameter 35 mm.  
 Reading: 0.1 mm; 1 dial rotation represents 10 mm. Accuracy as per DIN 862.  
 Packaging: Blister Packed.  
 Standards: IEC 61340-5-1.  
 Application: For use with electrostatically sensitive components. For outside, inside, depth and step measurements.  
 Extra: Now possible: measurements in ESD protection zones. Impact resistant dial can be recalibrated to zero.

Order-No.	mm	Typ	↕	↔
31439 2	150	6	45	5



# Wiha world-wide

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