

2021



Tools that work for you

PROFESSIONAL ESD SAFE TOOLS

For
working on
static sensitive
electronic
components!



Static Dissipative

COMPLETE ESD SAFE PROGRAM



2 Tools that work for you

What is ESD?

Basic Concepts in Electrostatic Discharge (ESD)

We have all seen static electricity in the form of lightning or perhaps felt the zap when reaching for a door knob. Similar types of electrical charges can have an effect on the electronic components you handle every day in your work. Unfortunately, their effect is much more hazardous and not as readily apparent.

Definition

Static electricity is an electrical charge at rest. Static electricity is most commonly created by friction and separation. Friction causes heat which excites the molecular particles of the material. When two materials are then separated, a transfer of electrons from one material to the other may take place.

As electrons transfer, the absence or surplus of electrons creates an electrical field known as static electricity. The simple separation of two materials, as when tape is pulled off a roll, can also create this same transfer of electrons between materials, generating static electrical fields.

The amount of static electricity generated depends upon the materials subjected to friction or separation, the amount of friction or separation and the relative humidity of the environment. Common plastic generally will create the greatest static charge. Low humidity conditions such as those created when air is heated during the winter will also promote the generation of significant static electrical charges.

Materials that easily transfer electrons (or charge) between atoms are called conductors and are said to have “free” electrons. Some examples of conductors are metals, carbon and the human body’s sweat layer. Materials that do not easily transfer electrons are called insulators. Some well known insulators are common plastics, glass and air. Both conductors and insulators may become “charged” with static electricity. When a conductor is charged, the free electrons give it the ability to discharge rapidly when it comes close to another conductor with a different potential.

Typical Electrostatic Voltages

Many of the common activities you perform daily may generate charges on your body that are potentially harmful to components.

Some of these activities include:

- Walking across a carpet, 1,500 to 35,000 volts
- Walking over untreated vinyl floor, 250 to 12,000 volts
- Worker at a bench, 700 to 6,000 volts
- Vinyl envelope used for work instructions, 600 to 7,000 volts
- Picking up a common plastic bag from a bench, 1,200 to 20,000 volts

Costly Effects of ESD

When you feel a static shock, you are experiencing a minimum of 3,000 volts of electricity.

This “shock” known as Electro Static Discharge or ESD also may be responsible for damaging many of the rejected electronic components in your company.

While you can feel electrostatic discharges of 3,000 volts, smaller charges are below the threshold of human sensation. Unfortunately, smaller charges can and do damage semiconductor devices. Many of the CMOS technology components used in your facility can be damaged by charges of less than 1,000 volts. Some of the more sophisticated components can be damaged by charges as low as 10 volts. You should be aware of the relative sensitivity to ESD damage of devices you may be working with.

As electronic technology advances, electronic components tend to become smaller and smaller. As the size of the components is reduced, so is the microscopic spacing of insulators and circuits within them, increasing their sensitivity to ESD. As you can predict, the need of proper ESD protection increases everyday.

This Article courtesy of Desco Industries, Inc

Types of ESD Damage

Static damage to components can take the form of upset failures or catastrophic failures.

- Upset failures - result in gate leakage
- Catastrophic failures - occur in two forms, Direct and Latent

Direct catastrophic failures occur when a component is damaged to the point where it is DEAD NOW & it will never again function. This is the easiest type of ESD damage to find since it usually can be detected during testing.

Latent failures occur when ESD weakens or wounds the component to the point where it will still function properly during testing, but over time the wounded component will cause poor system performance and eventually complete system failure. Because latent failures occur after final inspection or in the hands of your customer, the cost for repair is very high. Not only is this type of damage hard to find, but it severely affects the reputation of your company’s product.

An upset failure occurs when an electrostatic discharge has caused a current flow that is not significant enough to cause total failure, but in use may intermittently result in gate leakage causing loss of software or incorrect storage of information.


Upset or latent failures may pass your company’s quality control testing program. In other words, static damage may occur that cannot be felt, seen, or detected through normal testing procedures.

Think of Static As Contamination!



Damage caused by invisible and undetectable events can be understood by comparing ESD damage to medical contamination of the human body by viruses or bacteria. Although viruses and bacteria are invisible, they can cause severe damage even before you can detect their presence. A defense against this invisible threat is sterilization.

As an employee, the hidden threat of electrostatic discharge or ESD should be of great concern to you. ESD damage can significantly reduce your company’s profitability. This may affect your profit sharing, your company’s ability to compete in the market place and even your employment. Everyone likes to take pride in their work, but without proper ESD controls, your best efforts may be destroyed by static electricity that you can neither feel nor see.

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Precision ESD Safe Dissipative Screwdrivers



272 Slotted Screwdriver, With Precision PicoFinish® ESD Safe Dissipative Handle
Blade high alloy CVM steel.

Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1.

Item	Slotted		Torx		Hex	
No.	mm	Inch	mm	Inch	mm	Inch
27270	.8	1/32	40	1.6	0.16	120 4.7
27271	1.0	.039	40	1.6	0.18	120 4.7
27272	1.2	3/64	40	1.6	0.20	120 4.7
27273	1.5	1/16	40	1.6	0.25	120 4.7
27274	2.0	5/64	40	1.6	0.40	120 4.7
27275	2.0	5/64	100	3.9	0.40	180 7.1
27276	2.5	3/32	50	2.0	0.40	145 5.7
27277	2.5	3/32	100	3.9	0.40	195 7.7
27278	3.0	1/8	50	2.0	0.50	145 5.7
27279	3.0	1/8	100	3.9	0.50	210 8.3
27280	3.5	9/64	60	2.4	0.60	170 6.7
27281	4.0	5/32	60	2.4	0.80	170 6.7

*Metric dimensions actual - Inch dimensions approximate



273 Phillips Screwdriver, With Precision PicoFinish® ESD Safe Dissipative Handle

Blade high alloy CVM steel. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1.

Item	Size	mm	Inch	mm	Inch	mm	Inch
27330	000	40	1.6	2.0	.08	120	4.7
27331	00	40	1.6	2.0	.08	120	4.7
27332	0	50	2.0	3.0	.12	145	5.7
27333	0	100	3.9	3.0	.12	195	7.6
27334	1	60	2.3	4.0	.16	170	6.7
27335	1	100	3.9	4.0	.16	210	8.2

*Metric dimensions actual - Inch dimensions approximate

Surface resistance of handles is 10⁶ - 10⁹ Ohms

27920 Precision Chip Lifter - ESD Safe

Blade CVM steel, hardened, corrosion resistant finish. Precision handle high quality plastic, Dissipative material.

Item	Metric		Inch	
No.	mm	mm	mm	Inch
27921	1	3.5	50	145 5.7 .07



278 TORX® Screwdriver, With Precision PicoFinish® ESD Safe Dissipative Handle
Blade high alloy CVM steel.

Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1.

Item	TORX	Hex	Hex	Hex	Hex	Hex
No.	Size	mm	Inch	mm	Inch	lbs.
27860	T1	40	1.6	120	4.7	.03
27861	T2	40	1.6	120	4.7	.03
27862	T3	40	1.6	120	4.7	.03
27863	T4	40	1.6	120	4.7	.03
27864	T5	40	1.6	120	4.7	.03
27865	T6	40	1.6	120	4.7	.03
27866	T7	40	1.6	120	4.7	.03
27867	T8	40	1.6	120	4.7	.03
27868	T9	50	2.0	145	5.7	.04
27869	T10	50	2.0	145	5.7	.04
27870	T15	60	2.4	170	6.7	.07
27871	T20	60	2.4	170	6.7	.07

*Metric dimensions actual - Inch dimensions approximate



ESD standard IEC 61340-5-1

277 Inch Nut Driver, With Precision PicoFinish® ESD Safe Dissipative Handle

Blade high alloy CVM steel.

Item	Inch	mm	Inch	Inch	Inch	Inch
27770	3/32	60	2.4	6.1	.16	.16
27771	7/64	60	2.4	6.1	.20	.20
27772	1/8	60	2.4	6.1	.20	.20
27773	9/64	60	2.4	6.1	.21	.24
27774	5/32	60	2.4	6.1	.22	.24
27775	3/16	60	2.4	6.1	.25	.28
27776	7/32	60	2.4	6.7	.30	.32
27777	1/4	60	2.4	6.7	.34	.36

*Metric dimensions actual - Inch dimensions approximate



275 Inch Hex Inch Driver, With Precision PicoFinish® ESD Safe Dissipative Handle
Blade high alloy CVM steel.

Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1.

Item	Hex	Hex	Hex	Hex	Hex
No.	Inch	mm	Inch	mm	Inch
27550	0.028	40	1.6	120	4.7
27551	0.035	40	1.6	120	4.7
27552	0.05	40	1.6	120	4.7
27557	1/16	50	2.0	145	5.7
27554	5/64	50	2.0	145	5.7
27558	3/32	50	2.0	160	6.3
27559	7/64	60	2.4	170	6.7
27560	1/8	60	2.4	170	6.7

*Metric dimensions actual - Inch dimensions approximate



275 Metric Hex Metric Driver, With Precision PicoFinish® ESD Safe Dissipative Handle

Item	Hex	Hex	Hex	Hex	Hex	Hex
No.	mm	mm	Inch	mm	Inch	lbs.
27550	0.7	40	1.6	120	4.7	.02
27551	0.9	40	1.6	120	4.7	.02
27552	1.3	40	1.6	120	4.7	.03
27553	1.5	50	2.0	145	5.7	.03
27554	2.0	50	2.0	145	5.7	.04
27555	2.5	60	2.4	170	6.7	.05
27556	3.0	60	2.4	170	6.7	.05

*Metric dimensions actual - Inch dimensions approximate



ESD standard IEC 61340-5-1


277 Metric Nut Driver, With Precision ESD Safe Dissipative Handle Blade high alloy CVM steel. Hard chromed finished.

Item	mm	mm	Inch	mm	Inch	Inch
27780	1.5	60	2.4	140	2.5	3.0
27781	2.0	60	2.4	140	3.2	4.0
27782	2.5	60	2.4	140	4.0	4.0
27783	3.0	60	2.4	155	5.0	5.0
27784	3.5	60	2.4	155	5.3	6.0
27785	4.0	60	2.4	155	5.5	6.0
27786	4.5	60	2.4	155	6.2	7.0
27787	5.0	60	2.4	155	6.8	7.0
27788	5.5	60	2.4	170	7.6	8.0

*Metric dimensions actual - Inch dimensions approximate



NEW Wiha Precision ESD Static Dissipative Screwdrivers meet the requirements for tools used in static sensitive areas



Rotating cap
For precise turning & control with fingertip

Molded Precision handle
Impact resistant dissipative material

Tapered handle allows rapid rotation

Blade CVM steel, hardened, hard chrome finish


Tip Precision ground for exact fit, Wiha Chromtop finish

ESD Standard IEC 61340-5-1
Surface resistance of handles is $10^6 - 10^9$ Ohms




Surface resistance of handles is $10^6 - 10^9$ Ohms

75804 PicoFinish® Precision Handle - ESD Safe Precision handle high quality plastic, Dissipative material. Holds 4mm MicroBits.

Item			
No.	mm	Inch	lbs.
75804			




27396 8-Piece PicoFinish® Precision Slotted & Phillips Set, ESD Safe Dissipative Handle Blade high alloy CVM steel, hardened, hard chromed. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1.

Item	Slotted:	
No.	1.5, 2.0, 2.5, 3.0mm	lbs.
27396	Phillips:	.50
	#000, 00, 0, 1	




27394 11-Piece Smartphone PicoFinish® & Standard Precision ESD Safe Set Blade high alloy CVM steel, hardened, hard chromed. Storage pouch.

Item	ESD Safe Screwdrivers:
No.	Slotted: 1.5mm
27394	Phillips: #000, #00, #0
	TORX®: T3, T4, T5, T6
lbs.	Tweezers: PSF SA ESD Long Flat Tweezers
	Standard Precision Screwdrivers:
	Pentalobe: PL1
	Y-Type: #000




27392 7-Piece PicoFinish® Precision Slotted & Phillips Set with ESD Safe Dissipative Handles Blade high alloy CVM steel, hardened, hard chrome. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1

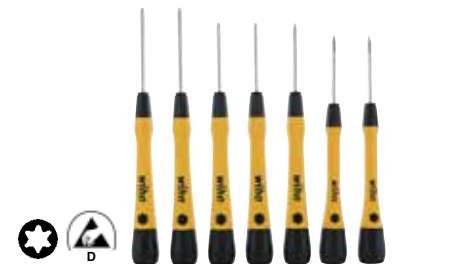
Item	Slotted:	
No.	1.5, 2.0, 2.5, 3.5mm	lbs.
27392	Phillips:	.30
	#00, 0, 1	




ESD standard IEC 61340-5-1

27589 7-Piece PicoFinish® Precision Hex Metric Set, ESD Safe Dissipative Handle Blade CVM steel, hardened, hard chromed. Handle impact resistant, dissipative material.

Item	Hex Metric:	
No.	.7, .9, 1.3, 1.5,	lbs.
27589	2.0, 2.5, 3.0mm	.53



27892 7-Piece PicoFinish® Precision TORX® Set, ESD Safe Dissipative Handle Blade high alloy CVM steel, hardened, hard chromed. Handle manufactured from impact resistant, dissipative material.

Item	TORX® :	
No.	T4, T5, T6, T7,	lbs.
27892	T8, T9, T10	.31

Precision ESD Safe Dissipative Screwdrivers



ESD standard IEC 61340-5-1

27792 8-Piece PicoFinish® Precision Inch Nut Driver Set, with ESD Safe Dissipative Handles Blade CVM steel, hardened, hard chromed. In storage pouch

Item	Inch Nut Drivers:	↔
No.	3/32, 7/64, 1/8, 9/64,	lbs.
27792	5/32, 3/16, 7/32, 1/4"	.68



ESD standard IEC 61340-5-1

27789 8-Piece PicoFinish® Precision Metric Nut Driver Set with ESD Safe Dissipative Handle Blade CVM steel, hardened, hard chromed.

Item	Metric Nut Drivers:	↔
No.	1.5, 2.0, 2.5, 3.0,	lbs.
27789	3.5, 4.0, 5.0, 5.5mm	.63



Surface resistance of handles is $10^6 - 10^9$ Ohms

45892 26-Piece Precision PicoFinish® Screwdrivers, Pliers, Precision Micro Bit Set & ESD Safe Tweezers ESD Proturm

Pliers glare free, black finish, ESD Safe non-slip soft grips. ESD Safe Precision Slotted & Phillips screwdrivers, CVM tool steel blades. Precision ESD Safe Micro Bit handle holds Micro Bit extension and 4mm Micro bits. Anti-static Tweezer conductive, ESD Safe Hypo allergenic, anti-magnetic stainless.

45892 26 Piece ESD Safe Pliers, Precision Screwdrivers, Micro Bit Set & ESD Tweezer Set in Canvas Pouch

ESD Safe Proturm Strippers, Pliers & Cutters

- 5.25" Diagonal Cutters
- 4.5" Full Flush Tapered Cutters
- 4.75" Short Snipe Nose Pliers
- 5.75" Long Needle Nose Pliers

ESD Safe Slotted & Phillips Precision Drivers

Slotted: 2.0, 2.5, 3.0, 3.5mm & Phillips: 00, 0, 1

ESD Micro Bit Handle, Micro Bit Extension & 14 Micro Bits 4mm

Hex: .7, .9, 1.3, 1.5, 2.0, 2.5, 3.0mm
Torx®: T4, T5, T6, T7, T9, T10

ESD Safe Tweezer: 00 SA ESD -

120mm Heavy Duty Strong, Tapered To Strong Point
↔ lbs. 1.74



32794 11-Piece ESD Safe Precision PicoFinish® Screwdrivers, Pliers Set Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. Blade CVM steel, hardened, hard chromed.

32794 11 pc. ESD Safe PicoFinish® Screwdrivers, Pliers & Cutters

- 5.25" Diagonal Cutters
- 4.5" Full Flush Tapered Cutters
- 4.75" Short Snipe Nose Pliers
- 5.75" Long Needle Nose Pliers

PicoFinish Precision® Screwdrivers

Slotted: 2.0, 2.5, 3.0 & 3.5mm

Phillips: #00, 0 & 1

↔ lbs. 1.32



ESD standard IEC 61340-5-1

92093 Master Technicians Bench Top Set Metal frame. Equipped with 50 precision ESD Safe screwdrivers.

Item	Slotted: .8, 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0mm
92093	Phillips: #000, #00, #0, #1 TORX®: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T15, T20
↔	Metric Hex: .7, .9, 1.3, 1.5, 2.0, 2.5, 3.0mm
lbs.	Inch Hex: 1/16, 3/32, 7/64, 1/8"
2.25	Metric Nut Drivers: 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5mm
	Inch Nut Drivers: 1/8, 5/32, 3/16, 1/4"
	3.5mm x 50mm Chip Lifter



Wiha SYSTEM 4 Drive-Loc Precision Locking Tools



26961 ESD Safe Dissipative Precision Drive-Loc Handle Surface resistant 10⁶-10⁹ Ohms. 4 mm hex retainer for all SYSTEM 4 interchangeable blades. Ball retainer hold. 105mm/4.13" OAL

Item					
No.	mm	Inch	mm	Inch	lbs.
26961	4.0	.1574	23	.91	.08



269 SYSTEM 4 TORX® Drive-Loc Reversible Locking Blades On 4mm Hex

Item			
No.	Size	Size	lbs.
26977	T1 + T2		.02
26978	T3 + T4		.02
26979	T5 + T6		.02
26980	T6 + T8		.02
26981	T7 + T9		.02
26982	T10 + T15		.02
26983	T15 + T20		.02



26994 9 Piece ESD Safe Drive-Loc IV Precision Blade Set In storage pouch

Item No.	ESD Safe Drive-Loc IV Handle
26994	Slotted: 1.5x3.0, 2.0x3.5, 2.5x4.0 lbs. Phillips: 000x00, 0x1
.47	TORX®: T6xT8, T7xT9, T10xT15



269 SYSTEM 4 Slotted Drive-Loc Reversible Locking Blades On 4mm Hex

Item			
No.	mm	mm	lbs.
26958	1.5 + 3.0		.02
26959	2.0 + 3.5		.02
26960	2.5 + 4.0		.02



280 SYSTEM 4 Metric Hex Drive-Loc Reversible Locking Blades On 4mm Hex blades

Item			
No.	mm	mm	lbs.
28003	1.3 + 1.3		.02
28004	1.5 + 1.5		.02
28005	2.0 + 2.0		.02
28006	2.5 + 2.5		.02
28007	3.0 + 3.0		.02
28008	4.0 + 4.0		.02



26970 12 Piece ESD Safe Drive-Loc IV Precision Blade Set In storage pouch

Item No.	ESD Safe Drive-Loc IV Handle
26970	Slotted: 2.0x3.5, 2.5x4.0 lbs. Phillips: 000x00, 0x1
.59	TORX®: T6xT8, T7xT9, T10xT15
	AA SA Fine Point Tweezers
	5 SA Extra Fine Point Tweezers
	2a SA Flat & Blunt Tweezers
	7a SA Curved & Fine Point Tweezers



269 SYSTEM 4 Phillips Drive-Loc Reversible Locking Blades On 4mm Hex

Item			
No.	Size	Size	lbs.
26975	000 + 00		.02
26976	0 + 1		.02



28002 SYSTEM 4 Pozidriv® Drive-Loc Reversible Locking Blades On 4mm Hex

Item			
No.	Size	Size	lbs.
28002	0 + 1		.02



26985 12 Piece SYSTEM 4 Precision ESD Drive-Loc Set In storage pouch

Item No.	ESD Safe Drive-Loc Handle
26985	Slotted: 1.5x3.0, 2.0x3.5, 2.5x4.0 lbs. .44 Phillips: 000x00, 0x1
	TORX®: T1xT2, T3xT4, T5xT6, T6xT8, T7xT9, T10xT15



26930 7 Pc. Drive-Loc IV TORX® Precision ESD Safe Set In storage pouch

Item No.	ESD Safe Drive-Loc Handle
26930	TORX®: T3xT4, T5xT6, lbs. .56 T6xT8, T7xT9, T10xT15, T15xT20

Wiha SYSTEM 4 Precision Blade Handle



28000 ESD Safe Dissipative Precision Handle with rotating control cap. Surface resistant 10^6 - 10^9 Ohms. 4 mm hex retainer for all SYSTEM 4 interchangeable blades. Tapered handle, high quality plastic, impact resistant. Ball retainer hold. 110mm/4.3" OAL

Item				
No.	mm	Inch	mm	Inch lbs.
28000	4.0	.1574	14.0	.55 .04

Wiha SYSTEM 4 Precision Bit Handle



75801 SYSTEM 4 ESD Safe Dissipative Precision Bit Handle 110mm/4.3" OAL

Advantages:

- For working in ESD sensitive applications
- Surface resistant 10^6 - 10^9 Ohms
- Ball retainer holds bits securely in place
- Accepts all SYSTEM 4 Series bits

Item				
No.	mm	Inch	mm	Inch lbs.
75801	4.0	.1574	14.0	.55 .06

SYSTEM 4 Micro Bit Extension Blades



75900 Extension Blade For SYS 4 Micro Bits
Shaft CVM steel, hardened, corrosion protected. Ball retainer bit extension for 4mm bits.

Item				
No.	Size	mm	mm	lbs.
75900	4.0	100	4.0	.07



75901 Magnetic Bit Extension Blade For SYS 4 Micro Bits Shaft CVM steel, hardened, corrosion protected. Magnetic bit holder.

Item				
No.	Size	mm	mm	lbs.
75901	4.0	100	4.0	.04

Micro Bit 1/4" Drive Power Tool Adapter



75902 Micro Bit 1/4" Drive Power Tool Adapter Shaft CVM steel, hardened, corrosion protected. For 4mm bits. 2.3" OAL

Item				
No.	Size	mm	mm	lbs.
75902	4.0	60	4.0	.07

Wiha SYS 4 Micro Bit Packs



75982 SYSTEM 4 Hex Inch Micro Bit Replacement Pack, 10 Pcs.

CVM steel, hardened, on 4 mm hex stock.

Item No. **SYSTEM 4 Micro Bit Set**

75982 Hex Inch: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"

lbs. .06



75984 SYSTEM 4 Slotted Micro Bit Replacement Pack, 10 Pcs.

CVM steel, hardened, on 4 mm hex stock.

Item No. **SYSTEM 4 Micro Bit Set**

75984 Slotted: 0.8, 1.2, 1.5, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0mm

lbs. .06



75986 SYSTEM 4 Phillips & Pentalobe Micro Bit Replacement Pack, 10 Pcs.

CVM steel, hardened, on 4 mm hex stock.

Item No. **SYSTEM 4 Micro Bit Set**

75986 Phillips: #000, 00, 0, 1

Pentalobe: PL1, PL2, PL3, PL4, PL5, PL6

lbs. .06



75987 SYSTEM 4 Slotted & Phillips Micro Bit Replacement Pack, 10 Pcs.

CVM steel, hardened, on 4 mm hex stock.

Item No. **SYSTEM 4 Micro Bit Set**

75987 Slotted: 1.5, 2.0, 2.5, 3.0, 3.5mm

Phillips: #000, 00, 0, 1

lbs. .06



75988 SYSTEM 4 TORX® Micro Bit Replacement Pack, 10 Pcs.

CVM steel, hardened, on 4 mm hex stock.

Item No. **SYSTEM 4 Micro Bit Set**

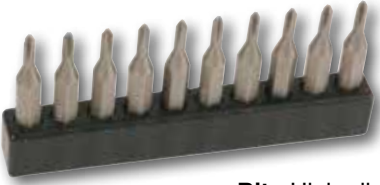
75988 TORX® : T1, T2, T3, T4, T5, T6, T7, T8, T9, T10

lbs. .06

Micro Bits Made in Germany

Wiha SYSTEM 4 Micro Bits - 10 Bit Packs

CVM steel, hardened, on 4 mm hex stock.







Bits High alloy CVM steel, hardened

Tips Exact fit, precision machined

Use bits directly in handle or with 4" bit extension







756 SYSTEM 4 Hex Metric Micro Bits

Item				
No.	mm	mm	Inch	lbs.
75616	.7	28	1.1	.06
75617	.9	28	1.1	.06
75618	1.3	28	1.1	.06
75619	1.5	28	1.1	.07
75620	2.0	28	1.1	.07
75621	2.5	28	1.1	.07
75622	3.0	28	1.1	.08
75623	4.0	28	1.1	.08







756 SYSTEM 4 Inch Nut Setters

Item No.				
Inch	mm	mm	Inch	lbs.
75644	5/64	30	1.2	.07
75645	3/32	30	1.2	.07
75646	7/64	30	1.2	.07
75647	1/8	30	1.2	.07
75648	9/64	30	1.2	.08
75649	5/32	30	1.2	.08
75650	3/16	30	1.2	.08
75651	7/32	30	1.2	.09







756 SYSTEM 4 Slotted Micro Bits

Item				
No.	mm	mm	Inch	lbs.
75602	0.8	28	1.1	.06
75603	1.2	28	1.1	.06
75604	1.5	28	1.1	.06
75605	1.8	28	1.1	.06
75606	2.0	28	1.1	.07
75607	2.5	28	1.1	.07
75608	3.0	28	1.1	.07
75609	3.5	28	1.1	.07
75610	4.0	28	1.1	.08







756 SYSTEM 4 Hex Inch Micro Bits

Item				
No.	Inch	mm	Inch	lbs.
75628	.028	28	1.1	.06
75629	.035	28	1.1	.06
75630	.050	28	1.1	.06
75631	1/16	28	1.1	.06
75632	5/64	28	1.1	.06
75633	3/32	28	1.1	.07
75634	7/64	28	1.1	.07
75635	1/8	28	1.1	.07
75636	9/64	28	1.1	.08
75637	5/32	28	1.1	.08







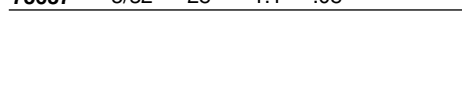
756 SYSTEM 4 Metric Nut Setters

Item No.				
Metric	mm	mm	Inch	lbs.
75652	2.0	30	1.2	.07
75653	2.5	30	1.2	.07
75654	3.0	30	1.2	.07
75655	3.5	30	1.2	.07
75656	4.0	30	1.2	.08
75657	4.5	30	1.2	.08
75658	5.0	30	1.2	.08
75659	5.5	30	1.2	.09







756 SYSTEM 4 Phillips Micro Bits

Item				
No.	Size	mm	Inch	lbs.
75611	000	28	1.1	.06
75612	00	28	1.1	.06
75613	0	28	1.1	.06
75614	1	28	1.1	.07
75615	2	28	1.1	.07







756 SYSTEM 4 TORX® Micro Bits

Item				
No.	Size	mm	Inch	lbs.
75660	T1	28	1.1	.06
75661	T2	28	1.1	.06
75662	T3	28	1.1	.06
75663	T4	28	1.1	.06
75664	T5	28	1.1	.06
75665	T6	28	1.1	.06
75666	T7	28	1.1	.06
75667	T8	28	1.1	.07
75668	T9	28	1.1	.07
75669	T10	28	1.1	.07
75670	T15	28	1.1	.08
75671	T20	28	1.1	.08



756 SYSTEM 4 Pentalobe Micro Bits

Item				
No.	Size	mm	Inch	lbs.
75672	PL1	28	1.1	.06
75673	PL2	28	1.1	.06
75674	PL3	28	1.1	.07
75675	PL4	28	1.1	.07
75676	PL5	28	1.1	.07





75978 SYSTEM 4 Hex Metric Micro Bit Replacement Pack, 8-Piece

CVM steel, hardened, on 4 mm hex stock.

Item No.

75978 SYSTEM 4 Micro Bit Set

 Hex Metric: 0.7, 0.9, 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm

 lbs. .05

SYSTEM 4 Handles & Micro Bits




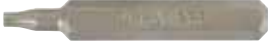
Tips
Exact fit, precision machined

Rotating Cap
for precise turning & control





Tapered Handle
allows rapid rotation, requires less clearance. Static Dissipative 10⁶ - 10⁹ ohms



Bits CVM steel, hardened

Use bits directly in handle or with 4" bit extension





 



757 SYSTEM 4 Pentalobe Micro Bits
CVM steel, hardened, on 4 mm hex stock.

Item				
No.	Size	mm	Inch	lbs.
75743	PL1	28	1.1	.01
75744	PL2	28	1.1	.01
75745	PL3	28	1.1	.01
75746	PL4	28	1.1	.01
75747	PL5	28	1.1	.01
75748	PL6	28	1.1	.01





 



750 SYSTEM 4 Slotted Bits High alloy CVM steel, hardened, on 4 mm hex stock.

Item				
No.	mm	mm	Inch	lbs.
75008	0.8	28	1.1	.01
75012	1.2	28	1.1	.01
75015	1.5	28	1.1	.01
75018	1.8	28	1.1	.01
75020	2.0	28	1.1	.01
75025	2.5	28	1.1	.01
75030	3.0	28	1.1	.01
75035	3.5	28	1.1	.01
75040	4.0	28	1.1	.01





 



751 SYSTEM 4 Phillips Bits
High alloy chrome-vanadium-molybdenum steel, hardened, on 4 mm hex stock.

Item				
No.	Size	mm	Inch	lbs.
75105	000	28	1.1	.01
75110	00	28	1.1	.01
75115	0	28	1.1	.01
75120	1	28	1.1	.01
75125	2	28	1.1	.01





 



753 SYSTEM 4 Hex Metric Bits High alloy CVM steel, hardened, on 4 mm hex stock.

Item				
No.	mm	mm	Inch	lbs.
75307	.7	28	1.1	.01
75309	.9	28	1.1	.01
75313	1.3	28	1.1	.01
75315	1.5	28	1.1	.01
75320	2.0	28	1.1	.01
75325	2.5	28	1.1	.01
75330	3.0	28	1.1	.01
75340	4.0	28	1.1	.01





 



753 SYSTEM 4 Hex Inch Bits High alloy CVM steel, hardened, on 4 mm hex stock.

Item				
No.	Inch	mm	Inch	lbs.
75307	.028	28	1.1	.01
75309	.035	28	1.1	.01
75313	.050	28	1.1	.01
75350	1/16	28	1.1	.01
75352	5/64	28	1.1	.01
75354	3/32	28	1.1	.01
75356	7/64	28	1.1	.01
75358	1/8	28	1.1	.01
75360	9/64	28	1.1	.01
75340	5/32	28	1.1	.01





 

757 SYSTEM 4 TORX® Bits
High alloy chrome-vanadium-molybdenum steel, hardened, on 4 mm stock.

Item				
No.	Size	mm	Inch	lbs.
75701	T1	28	1.1	.01
75702	T2	28	1.1	.01
75703	T3	28	1.1	.01
75704	T4	28	1.1	.01
75705	T5	28	1.1	.01
75706	T6	28	1.1	.01
75707	T7	28	1.1	.01
75708	T8	28	1.1	.01
75709	T9	28	1.1	.01
75710	T10	28	1.1	.01
75715	T15	28	1.1	.01
75720	T20	28	1.1	.01






758 SYSTEM 4 Metric & Inch Nut Setters
CVM steel, hardened, on 4 mm hex stock.

Item No.				
Metric	mm	mm	Inch	lbs.
75820	2.0	30	1.2	.01
75821	2.5	30	1.2	.01
75822	3.0	30	1.2	.01
75823	3.5	30	1.2	.01
75824	4.0	30	1.2	.01
75825	4.5	30	1.2	.01
75826	5.0	30	1.2	.01
75827	5.5	30	1.2	.01
Inch	Inch	mm	Inch	lbs.
75810	5/64	30	1.2	.01
75811	3/32	30	1.2	.01
75812	7/64	30	1.2	.01
75813	1/8	30	1.2	.01
75814	9/64	30	1.2	.01
75815	5/32	30	1.2	.01
75816	3/16	30	1.2	.01
75817	7/32	30	1.2	.01

Wiha SYSTEM 4 ESD Safe Compact Micro Bit Sets



75980 SYSTEM 4 Mini Metal Box Micro Bit Set, 39 Pcs. Includes Wiha ESD Safe Precision Handle, 1/4" to 4mm Adapter, 100mm Bit Extension & 36 Micro Bits.









- Item No. SYSTEM 4 Micro Bit Set 75980 Includes:**
-  **Slotted:** 0.8, 1.2, 1.5, lbs. 1.8, 2.0, 2.5, 3.0, 3.5, 4.0mm
 - .40**  **Phillips:** 000, 00, 0, 1, 2
 -  **TORX®:** T1, T2, T3, T4, T5, T6, T7, T8, T9, T10
 -  **Hex Metric:** 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
 -  **Pentalobe:** PL1, PL2, PL3, PL4, PL5, PL6



Includes Dust Cover











75968 SYSTEM 4 Master Tech Micro Bit Set, 68 Pcs. Includes Wiha ESD Safe Precision Handle, Micro Bit Storage Handle, 1/4" to 4mm Adapter, 100mm Bit Extension & 64 Micro Bits.

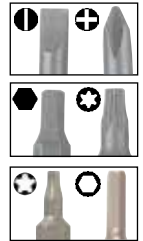
- Item No. SYSTEM 4 Micro Bit Set 75968 Includes:**
-  **Slotted:** 0.8, 1.2, 1.5, lbs. 1.8, 2.0, 2.5, 3.0, 3.5, 4.0mm
 - .70**  **Phillips:** 000, 00, 0, 1, 2
 -  **TORX®:** T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T15, T20
 -  **Hex Metric:** 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
 -  **Hex Inch:** .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
 -  **Pentalobe:** PL1, PL2, PL3, PL4, PL5, PL6
 -  **Nut Driver Metric:** 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5mm
 -  **Nut Driver Inch:** 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32"

In Zipper Storage Case



75977 SYSTEM 4 Master Tech Micro Bit Set, 68 Pcs. Includes Wiha ESD Safe Precision Handle, ESD Safe Tweezers, 1/4" to 4mm Adapter, 100mm Bit Extension & 64 Micro Bits.

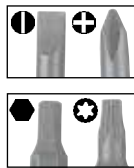
- Item No. SYSTEM 4 Micro Bit Set 75977 Includes The Following Bits:**
-  **Slotted:** 0.8, 1.2, 1.5, lbs. 1.8, 2.0, 2.5, 3.0, 3.5, 4.0mm
 - 1.00**  **Phillips:** 000, 00, 0, 1, 2
 -  **TORX®:** T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T15, T20
 -  **Hex Metric:** 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
 -  **Hex Inch:** .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
 -  **PL1, PL2, PL3, PL4, PL5, PL6**
 -  **Nut Driver Metric:** 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5mm
 -  **Nut Driver Inch:** 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32"
- ESD Fine Round Point Tweezers 3cSA









In Metal Storage Box



40 Pc. Set











75996 SYSTEM 4 Interchangeable Bit Set, 40 Pcs. Includes Wiha precision handle, bit extension & 38 interchangeable bits.

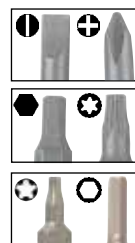
- Item SYSTEM 4 No. Combination Bit Set 75996** Set with ESD Safe Precision Handle
- Set includes the following bits:**
- lbs. ↓**  **Slotted:** 0.8, 1.2, 1.5, 1.04 1.8, 2.0, 2.5, 3.0, 3.5, 4.0mm
 -  **Phillips:** 000, 00, 0, 1
 -  **TORX®:** T3, T4, T5, T6, T7, T8, T9, T10, T15
 -  **Hex Metric:** 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
 -  **Hex Inch:** .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
 -  **100mm Bit Extension**

In Zipper Storage Case

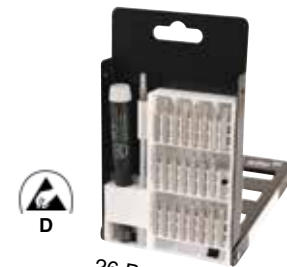


75971 SYSTEM 4 Master Tech Micro Bit Set, 68 Pcs. Includes Wiha ESD Safe Precision Handle, Micro Bit Storage Handle, 1/4" to 4mm Adapter, 100mm Bit Extension & 64 Micro Bits.






- Item No. SYSTEM 4 Micro Bit Set 75971 Includes:**
-  **Slotted:** 0.8, 1.2, 1.5, lbs. 1.8, 2.0, 2.5, 3.0, 3.5, 4.0mm
 - .96**  **Phillips:** 000, 00, 0, 1, 2
 -  **TORX®:** T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T15, T20
 -  **Hex Metric:** 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
 -  **Hex Inch:** .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
 -  **Pentalobe:** PL1, PL2, PL3, PL4, PL5, PL6
 -  **Nut Driver Metric:** 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5mm
 -  **Nut Driver Inch:** 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32"

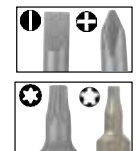


Wiha SYSTEM 4 Compact Micro Bit Sets



75995 SYS 4 Precision Interchangeable Bit Set, 26 Pcs. In Compact Fold Out Box Sets includes Wiha precision handle, bit extension & 24 Wiha interchangeable bits.

- Item SYSTEM 4 Micro Bit Set No. 75995** Set with ESD Safe Precision Handle and the following bits:
-  **TORX®:** T1, T2, T3, T4, T5, T6, T7, T8, T9, T10
 -  **Pentalobe:** PL1, PL2, PL3, PL4, PL5, PL6
 -  **Slotted:** 1.5, 2.0, 2.5, 3.0mm
 -  **Phillips:** #000, 00, 0, 1
 -  **100mm Bit Extension**
- lbs. .54**

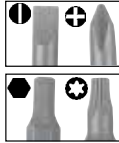




Wiha SYSTEM 4 Compact Micro Bit Set



27 Pc. Set



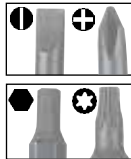
75994 SYSTEM 4 Slotted/Phillips/Hex Metric/**TORX** Precision Interchangeable Bit Set, 27 Pcs. In Compact Fold Out Box.

Set includes Wiha precision handle, bit extension and 25 Wiha interchangeable bits.

Item No.	Combination Bit Set
75994	Set with ESD Safe Precision Handle
Set includes the following bits:	
↓	Slotted: 1.5, 2.0, 3.0, 4.0mm
+	Phillips: 000, 00, 0, 1
⊗	TORX : T3, T4, T5, T6, T7, T8, T9, T10, T15
⬢	Hex Metric: .7, .9, 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
○	100mm Bit Extension
↔	lbs. .64



27 Pc. Set



759 SYSTEM 4 Slotted/Phillips/Hex Inch/**TORX** Precision Interchangeable Bit Set, 27 Pcs. In Compact Fold Out Box. Sets include your choice of Wiha precision handle, bit extension & 25 Wiha interchangeable bits.

Item No.	Handle Options for SYSTEM 4 Combination Bit Sets
75991	Set with Standard Precision Handle
75992	Set with ESD Safe Precision Handle
Sets include the following bits:	
↓	Slotted: 1.5, 2.0, 3.0, 4.0mm
+	Phillips: 000, 00, 0, 1
⊗	TORX : T3, T4, T5, T6, T7, T8, T9, T10, T15
⬢	Hex Inch: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
○	100mm Bit Extension
↔	lbs. .64

Technician's MicroBit Sets

- Micro Precision Bits on 4mm Hex Drive
- Bits of Exclusive CRM-72 Tool Steel
- Handle uses non-magnetic ball retainer
- Use bits in extension only
- Standard extension adds 4" to length
- Non-magnetic bit extension

Surface resistance of handles is 10⁶ - 10⁹ Ohms

Light weight & compact

Rotation cap



Handle tapered for precise control

Bits hardened for extreme durability



75093 SYSTEM 4 Slotted, Phillips, **TORX** Compact ESD Precision Interchangeable Bit Set, 16 Pcs. Wiha precision handle, bit extension & 14 interchangeable bits.

Item No.	Combination Bit Set
75093	Set with ESD Safe Precision Handle
↓	Slotted: 1.5, 2.0, 2.5, 3.0mm
+	Phillips: 00, 0, 1
⊗	TORX : T6, T7, T8, T9, T10, T15, T20
○	100mm Bit Extension
↔	lbs. .17



75094 SYS 4 Slotted, Phillips, Hex Inch Compact ESD Precision Interchangeable Bit Set, 16 Pcs. Wiha precision handle, bit extension & 14 interchangeable bits.

Item No.	Combination Bit Set
75094	Set with ESD Safe Precision Handle
↓	Slotted: 1.5, 2.0, 2.5, 3.0mm
+	Phillips: 00, 0, 1
⬢	Hex Inch: .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8"
○	100mm Bit Extension
↔	lbs. .17



75095 SYS 4 Slotted, Phillips, Hex Metric Compact ESD Precision Interchangeable Bit Set, 16 Pcs. Wiha precision handle, bit extension & 14 interchangeable bits.

Item No.	Combination Bit Set
75095	Set with ESD Safe Precision Handle
↓	Slotted: 1.5, 2.0, 2.5, 3.0mm
+	Phillips: 00, 0, 1
⬢	Hex Metric: .9, 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
○	100mm Bit Extension
↔	lbs. .17

75096 SYSTEM 4 Hex Inch & Metric Compact ESD Precision Interchangeable Bit Set, 16 Pcs. Wiha precision handle, bit extension & 14 interchangeable bits.

Item No.	Combination Bit Set
75096	Set with ESD Safe Precision Handle
⬢	Hex Inch: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
⬢	Hex Metric: .9, 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm
○	100mm Bit Extension
↔	lbs. .17



75097 SYS 4 Slotted, Phillips & 5Point Compact ESD Precision Interchangeable Bit Set, 16 Pcs. Wiha precision handle, bit extension & 14 interchangeable bits.

Item No.	Combination Bit Set
75097	Set with ESD Safe Precision Handle
↓	Slotted: 1.2, 1.5, 2.0, 2.5, 3.0mm
+	Phillips: 000, 00, 0, 1, 2
⊗	Pentalobe: PL1, PL2, PL3, PL4
○	100mm Bit Extension
↔	lbs. .17


ESD Safe Cushion Grip Bit Holders



75965 SYSTEM 4 Master Tech ESD & Ratchet With Micro Bits, 65 Pieces In Storage Box.


Includes Wiha precision ESD Safe handle, micro bit extension, 72 tooth 1/4" ratchet & 62 interchangeable micro bits.

Item Includes:


No.  **Slotted:** 0.8, 1.2, 1.5, 1.8,


75965 2.0, 2.5, 3.0, 3.5, 4.0mm


 **Phillips:** 000, 00, 0, 1


lbs.  **TORX®:** T3, T4, T5, T6, T7, T8, 1.16 T9, T10, T15, T20

 **Hex Metric:** .7, .9, 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm

 **Hex Inch:** .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"

 **Nut Drivers Metric:** 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5mm

 **Nut Drivers Inch:** 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32"

 **Pentalobe:** PL1, PL2, PL3, PL4, PL5, PL6
Magnetic 1/4" to 4mm Adapter

ESD Safe Cushion Grip Bit Holders

 **ESD Safe** Bit holders without magnetics

For working on static sensitive components






Dissipative material offers protection against electrostatic discharge

Surface resistance of handles is $10^6 - 10^9$ Ohms



28180 ESD Safe Stubby 1/4" Bit Holder






With Ring Retainer, Wiha-SoftFinish® Cushion Grip Handle, IEC 61340-5-1, DIN 3126, ISO 1173 Dissipative SoftFinish® cushion grip handle, multi-component, ESD Safe surface resistance $10^6 - 10^9$ Ohm.

Item					
No.	Inch	mm	Inch	lbs.	pkg.
28180	1/4"	57	2.2	.11	1



38701 ESD Safe Quick Release 1/4" Bit Holder, With Wiha-SoftFinish® Cushion Grip Handle, IEC 61340-5-1, DIN 3126, ISO 1173

Stainless steel with retaining ring bit holder. Dissipative SoftFinish® cushion grip handle, multi-component, ESD Safe surface resistance $10^6 - 10^9$ Ohm.

Item							
No.	Inch	mm	Inch	mm	Inch	lbs.	pkg.
38701	1/4"	148	5.8	38	1.5	.24	1




In Durable Pouch

Surface resistance of handle is $10^6 - 10^9$ Ohms

38790 ESD Safe 1/4" Quick Release

Blade Holder Set 20 Pc. Set With Interchangeable Blades & Quick Release Blade Holder Extension

Blades are CVM tool steel, hardened.

Item No. 38790  lbs. .67

Slotted: 2.5, 3.0, 3.5, 4.0, 5.5, 6.5mm

Phillips: 0, 1, 2

TORX®: T6, T7, T8, T9, T10, T15

Pozidriv®: 0, 1, 2

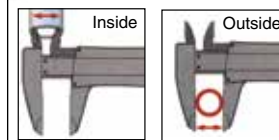
Non-metallic high-tech material with 60% fiber glass content, extremely high rigidity.

Precision ratchet guarantees uniform clamping force of the measuring jaw

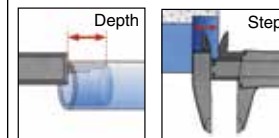
Thermal stability of the measuring surfaces:
Short-term up to 180°C, continuous 100-120°C

Non-corrosive, non-magnetic, hardly conductive & electrically insulated

Surface resistance of handle is $10^6 - 10^9$ Ohms



Won't damage sensitive parts




Made in Switzerland

ESD Safe Dial Caliper DialMax Metric & Inch


For working in sensitive electronic components

Conductive, Anti-static, Dissipative

 **ESD Standard**
IEC 61340-5-1

411 ESD Safe Dial Caliper DialMax -

Metric & Inch Non-metallic high-tech material with 60% fiber glass content. For outside, inside, depth & step measurements. Impact resistant dial can be recalibrated to zero.

Item					
No.	Reading	mm	Inch	Pkg.	wt.
41105	.001"	150	6 Inch	1	.10
41106	0.1mm	150	6 Metric	1	.10

Wiha ESD Safe SoftFinish Cushion Grip Screwdrivers



302 ESD Safe Slotted Screwdrivers, With Wiha-SoftFinish® Handle

DIN EN 61340-5-1/61340-5-2 Round blade, high alloy CVM steel, hardened, hard chromed. Offers protection against electrostatic discharge. Dissipative SoftFinish® cushion grip handle, multi-component, ESD Safe (10⁶-10⁹ Ohm).

Item	↓	↓	—	—	↓	↓	—	—	↵	—
No.	mm	Inch	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
30240*	2.5	.098	75	3.0	0.4	.016	175	7.0	.06	10
30242*	3.0	.118	100	3.9	0.5	.020	204	8.0	.06	10
30244*	4.0	.157	100	3.9	0.8	.031	211	8.3	.11	10
30246*	5.5	.216	125	5.0	1.0	.039	236	9.3	.15	10
30248	6.5	.255	150	5.9	1.2	.047	268	10.6	.22	10

*Cabinet Tips



311 ESD Safe Phillips Screwdriver, With Wiha-SoftFinish® Handle

DIN EN 61340-5-1/61340-5-2 Round blade, high alloy CVM steel, hardened, hard chromed. Offers protection against electrostatic discharge. Dissipative SoftFinish® cushion grip handle, multi-component, ESD Safe (10⁶-10⁹ Ohm).

Item	+	—	—	↓	↓	—	—	↵	—
No.	Size	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
31150	0	60	2.4	3.0	1/8	164	6.5	.06	10
31151	1	80	3.1	4.5	3/16	191	7.5	.11	10
31152	2	100	3.9	6.0	1/4	218	8.6	.20	10



362 ESD Safe TORX® Screwdriver, With Wiha-SoftFinish® Handle

DIN EN 61340-5-1/61340-5-2 Round blade, high alloy CVM steel, hardened, hard chromed. Offers protection against electrostatic discharge. Dissipative SoftFinish® cushion grip handle, multi-component, ESD Safe (10⁶-10⁹ Ohm).

Item	⊕	—	—	↓	↓	—	—	↵	—
No.	Size	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
36260	T3	60	2.4	3.5	.139	164	6.5	.06	10
36204	T4	60	2.4	3.5	.139	164	6.5	.06	10
36200	T5	60	2.4	3.5	.139	164	6.5	.06	10
36206	T6	60	2.4	3.5	.139	164	6.5	.06	10
36208	T8	60	2.4	3.5	.139	164	6.5	.06	10
36209	T9	60	2.4	4.0	.157	171	6.7	.10	10
36218	T10	80	3.1	4.0	.157	191	7.5	.11	10
36219	T15	80	3.1	4.0	.157	191	7.5	.11	10
36224	T20	100	3.9	4.0	.157	211	8.3	.11	10

Wiha ESD Safe SoftFinish®

For working on static sensitive components

Dissipative material offers protection against electrostatic discharge

ESD Safe



SoftFinish cushion grip handle

CVM steel hardened, hard chrome Finish

DIN EN 61340-5-1/ 61340-5-2



30292 Set 6 Pcs. ESD Safe Slotted & Phillips DIN EN 61340-5-1/61340-5-2

Round blade, high alloy CVM steel, hardened, hard chromed. Dissipative SoftFinish® cushion grip handle, multi-component, ESD Safe (10⁶-10⁹ Ohm).

Item	Slotted:	↵
No.	*3.0, *4.0, *5.5mm	lbs.
30292	Phillips: 0, 1, 2	.96

*Cabinet Tips



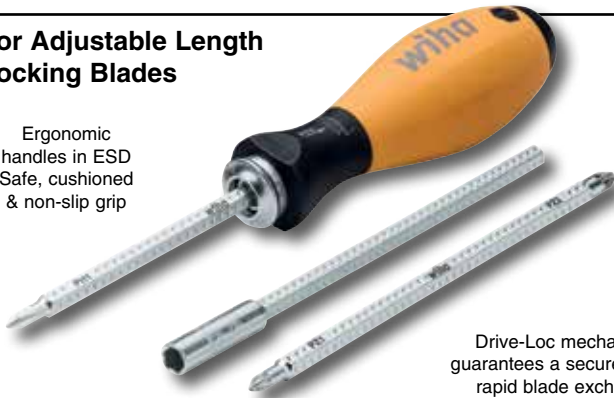
36289 Set 6 Pcs. ESD Safe TORX®

Screwdrivers Round blade high alloy CVM steel, hardened, Hard chrome finish with Wiha-Chromtop satin grip tips. Molded on SoftFinish® cushion grip handle, multi-component.

Item	TORX®	↵
No.	T6, T8, T9,	lbs.
36289	T10, T15, T20	.81

For Adjustable Length Locking Blades

Ergonomic handles in ESD Safe, cushioned & non-slip grip



Locking mechanism in SoftFinish cushion grip ergonomic handle. Blade length can be adjusted from 1.7 to 4.7" in 1/8" increments

Adjust interchangeable blades from 40 to 120mm

Blades high quality CVM steel, hard chrome finish

Drive-Loc mechanism guarantees a secure hold & rapid blade exchange



28486 ESD Safe Drive-Loc VI Cushion Grip Handle

Wiha-SoftFinish® impact resistant, with roll off protection. **Advantages:**

Ergonomic cushion grip, Drive-Loc mechanism guarantees a secure hold and rapid blade exchange. Static Dissipative.

Item						
No.	mm	mm	Inch	mm	Inch	lbs.
28486	6.0	115	4.5	36.0	1.41	.21



281 Slotted & Phillips Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish. OAL 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	mm	+ Size	lbs.	pkg.
28107	3.0	0	.10	1
28109	4.0	1	.10	1
28110	6.0	2	.10	1



281 Tri-wing® Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish. OAL 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	Size	+ Size	lbs.	pkg.
28138	0	1	.10	1
28139	2	3	.10	1
28140	4	5	.10	1



281 Torq Set® Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish. OAL 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	Size	+ Size	lbs.	pkg.
28142	2	4	.08	1
28143	6	8	.10	1



281 Slotted Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish. OAL 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	mm	+ mm	lbs.	pkg.
28106	3.5	4.5	.10	1
28108	5.5	6.5	.10	1



28137 Square Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish. OAL 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	Size	+ Size	lbs.	pkg.
28137	1	2	.10	1



281 TORX® Drive-Loc VI Interchangeable Blade

OAL 150mm/5.9"

Item				
No.	Size	+ Size	lbs.	pkg.
28126	T6	T8	.10	1
28127	T7	T9	.10	1
28128	T10	T15	.10	1
28129	T20	T25	.10	1
28130	T30	T40	.10	1



28112 Phillips Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish. OAL 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	Size	+ Size	lbs.	pkg.
28112	1	2	.10	1



28114 Pozidriv® Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish. OAL 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	Size	+ Size	lbs.	pkg.
28114	1	2	.10	1



281 Security TORX® Drive-Loc VI Interchangeable Blade

OAL 150mm/5.9"

Item				
No.	Size	+ Size	lbs.	pkg.
28132	T6s	T8s	.10	1
28133	T7s	T9s	.10	1
28134	T10s	T15s	.10	1
28135	T20s	T25s	.10	1
28136	T30s	T40s	.10	1

Wiha Drive-Loc VI Blades



281 Ball End Hex & Hex Metric Drive-Loc VI Interchangeable Blade Ball end enables the user to work at angles up to 25°. OAL 150mm/5.9". Fits all Drive-Loc VI handles.

Item				
No.	mm + mm	lbs.	pkg.	
28116	2.5 2.5	.10	1	
28117	3 3	.10	1	
28118	4 4	.10	1	
28119	5 5	.10	1	
28120	6 6	.10	1	



281 Hex Metric Drive-Loc VI Interchangeable Blade OAL 150mm/5.9"

Item				
No.	mm + mm	lbs.	pkg.	
28149	2.0 2.5	.09	1	
28150	3.0 4.0	.10	1	
28151	5.0 6.0	.10	1	



281 Hex Inch Drive-Loc VI Interchangeable Blade OAL 150mm/5.9"

Item				
No.	Inch + Inch	lbs.	pkg.	
28122	3/32 7/64	.10	1	
28123	1/8 9/64	.10	1	
28124	5/32 3/16	.10	1	



281 Drive-Loc VI Inch Nut Driver Blades High alloy CVM steel, through hardened, hard chrome finish. OAL blade length 150mm/5.9". Blades fit all Drive-Loc VI handles.

Item				
No.	Inch	OAL	lbs.	pkg.
28156	3/16	5.9"	.11	1
28157	7/32	5.9"	.11	1
28158	1/4	5.9"	.11	1
28159	9/32	5.9"	.12	1
28160	5/16	5.9"	.13	1
28161	11/32	5.9"	.14	1
28162	3/8	5.9"	.15	1
28163	7/16	5.9"	.17	1
28164	1/2	5.9"	.18	1



281 Drive-Loc VI Metric Nut Driver Blades Blades fit all Drive-Loc VI handles

Item				
No.	mm	OAL	lbs.	pkg.
28168	4.0	150mm	.10	1
28169	4.5	150mm	.10	1
28170	5.0	150mm	.11	1
28171	5.5	150mm	.11	1
28172	6.0	150mm	.12	1
28173	7.0	150mm	.13	1
28174	8.0	150mm	.13	1
28177	9.0	150mm	.14	1
28175	10.0	150mm	.15	1
28176	11.0	150mm	.20	1

28187 32 Pc. ESD Safe Drive-Loc VI Interchangeable Blade Set, In Canvas Pouch Set includes Drive-Loc VI handle & 31 interchangeable blades.

Item No. 28187		lbs. 3.66
Slotted:	3.5+4.5, 5.5+6.5mm	Square: 1+2
Slotted/Phillips:	3.0+0, 4.0+1, 6.0+2	
Security TORX®:	T6s+T8s, T7s+T9s, T10s+T15s, T20s+T25s, T30s+T40s	
Hex Inch:	3/32+7/64, 1/8+9/64, 5/32+3/16	
Hex Metric:	2.0+2.5, 3.0+4.0, 5.0+6.0	
Nut Drivers In:	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"	
Nut Drivers MM:	5.5, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0mm	
Wiha ESD Safe SoftFinish® Cushion Grip		

Wiha Interchangeable Sets

ESD Safe



In Durable Pouch



10891 ESD Safe Slotted & Phillips

Interchangeable Blade Set, 4 Pc. Includes ESD Safe handle & 3 interchangeable blades.

Item	Slotted:	
No.	3.0, 4.0, 6.0mm	lbs.
10891	Phillips: 0, 1, 2	.65

In Durable Pouch



10892 ESD Safe Metric Nut Drivers

Interchangeable Blade Set, 8 Pc. Includes ESD Safe handle & 7 interchangeable blades.

Item	
No. 10892	lbs. .75
Metric Nut Drivers: 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0mm	



In Durable Pouch



10893 ESD Safe TORX®

Interchangeable Blade Set, 5 Pc. Includes ESD Safe handle & 4 interchangeable blades.

Item	
No. 10893	lbs. .70
TORX®: T6, T7, T8, T9, T10, T15, T20, T25	

In Durable Pouch



10895 ESD Safe Interchangeable

Combo Blade Set, 11 Pc. Includes ESD Safe handle & 10 interchangeable blades.

Item	
No. 10895	lbs. .75
Slotted: 3.0, 4.0, 6.0mm Phillips: 0, 1, 2	
Inch Nut Drivers: 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2"	



ESD Safe Adjustable TorqueControl Tools



285 ESD Safe TorqueVario-S, With Window Scale EN ISO 6789, BS EN 26789, ASME B107.14M, +/- 6% Accuracy.

Ergonomic multi-component handle, light and compact. Handle sizes proportioned to optimize torque range. Audible & perceptible click when torque setting has been attained. With Certificate of accuracy. Pkg. 1

Item No.	Range	Increments	mm	lbs.
28522*	15 - 80(in/oz)	2.5 In.oz.	122-127	.33
28524	5 - 10	.2 In.lbs.	122-127	.34

284 ESD Safe TorqueVario-S, W/Window

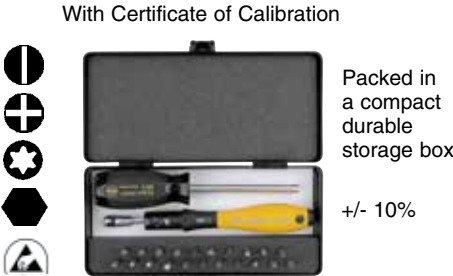
Item No.	Range	Increments	mm	lbs.
28426	5 - 18	.5 In.lbs.	126-131	.46



28500 ESD Safe TorqueVario-S Newton Meter, With Window Scale

Item No.	Range	Nm	mm	Inch	lbs.	pkg.
28500*	.04 - .46	124	4.875"	.35	1	

* +/- 10% (This unit only)
Each TorqueVario handle has unique serial number and certificate of calibration



28890 24 Piece TorqueVario-S ESD Safe Micro-Bit Set

Certified to EN ISO 6789, BS EN 26789, ASME B107.14M. Set includes ergonomic multi-component adjustable TorqueVario-S handle, 21 Micro Bits, Micro Bit holder and Torque adjustment tool.

Item No.	Slotted:	Phillips:	TORX®:	Hex Inch:	lbs.	Item No.	Slotted:	Phillips:	TORX®:	Hex Metric:	lbs.
28890	1.5, 2.0, 3.0, 4.0mm	#00, #0, #1	T6, T7, T8, T9, T10, T15	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1.35	28522	0.8, 1.2, 1.5, 2.0mm	#000, #00, #0	T1, T2, T3, T4, T5, T6	0.7, 0.9, 1.3mm	1.30
						28500					



28591 24 Piece ESD Safe Adjustable TorqueVario-S Bit Set

Certified to EN ISO 6789, BS EN 26789, ASME B107.14M. Set includes ergonomic multi-component adjustable TorqueVario-S handle, 21 Micro Bits, Micro Bit holder and Torque adjustment tool, packed in a compact durable storage box.

Item No.	Slotted:	Phillips:	TORX®:	Hex Inch:	lbs.	Item No.	Slotted:	Phillips:	TORX®:	Hex Metric:	lbs.
28591	1.5, 2.0, 3.0, 4.0mm	#00, #0, #1	T6, T7, T8, T9, T10, T15	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1.57	28524	0.8, 1.2, 1.5, 2.0mm	#000, #00, #0	T1, T2, T3, T4, T5, T6	0.7, 0.9, 1.3mm	1.30



28895 24 Piece ESD Safe Adjustable TorqueVario-S Bit Set

Certified to EN ISO 6789, BS EN 26789, ASME B107.14M. Set includes ergonomic multi-component adjustable TorqueVario-S handle, 21 Micro Bits, Micro Bit holder and Torque adjustment tool, packed in a compact durable storage box.

Item No.	Slotted:	Phillips:	TORX®:	Hex Metric:	lbs.	Item No.	Slotted:	Phillips:	TORX®:	Hex Metric:	lbs.
28895	0.8, 1.2, 1.5, 2.0mm	#000, #00, #0	T1, T2, T3, T4, T5, T6	0.7, 0.9, 1.3mm	1.30	28500					



28818 ESD Safe Pentalobe Interchangeable Blades For TorqueVario-S Newton Meter

Handle tip blades on narrow 5/32 Hex shafts. High alloy CVM steel, hardened, hard chromed.

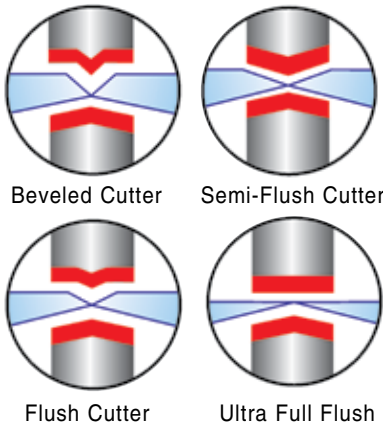
Item No.	Size	mm	mm	lbs.	pkg.
28818	PL1	175	4.0	.07	1



28882 ESD Safe Bit Holder Adapter For 1/4" Drive Bits Shaft CVM steel, hardened, corrosion protected. (Not for use in Insulated handles)

Item No.	Size	mm	mm	lbs.	pkg.
28882	1/4	162	4.0	.09	1

Wiha ESD Safe Pliers & Cutters



Box joint for longer tool life & endurance, mirror polished finish

ESD standard IEC 61340-5-1




Welded double leaf spring

Two component handle with non-slip soft grip surface

Protects the hand and reduces manual effort & user fatigue

Hardened & annealed high carbon tool steel, induction hardened cutting edges

Precision Cutters Tapered Head



32703 Precision Cutters, Small Tapered Head, Semi Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. $\frac{1}{2}$ lbs. .19

Item No.	mm	Inch	Copper	Head Wdth
32703	115	4.5	1.0	9.5mm

Precision Cutters Tapered Head



32702 Precision Cutters, Small Tapered Head With Hollow Ground Back, Semi Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32702	115	4.5	1.0	9.5mm

Precision Cutters Wide Tapered Head



32708 Precision Cutters, Wide Tapered Head, Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32708	115	4.5	1.2	11.0mm

Precision Cutters Tapered Head



32705 Precision Cutters, Small Tapered Head, Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32705	115	4.5	1.0	9.5mm

Precision Cutters Tapered Head



32704 Precision Cutters, Small Tapered Head With Hollow Ground Back, Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32704	115	4.5	1.0	9.5mm

Precision Cutters Wide Tapered Head



32710 Precision Cutters, Wide Tapered Head, Full Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32710	115	4.5	1.0	11.0mm

Precision Cutters Slim Oval Form



32712 Precision Cutters, Slim Oval Head, Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32712	115	4.5	1.0	10.5mm

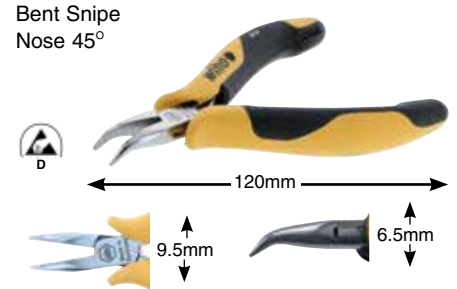
Oblique Angled Cutters



32724 Oblique Angled Cutters, 29°, Full Flush Oblique Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32724	115	4.5	1.0	12.0mm

ESD Safe Pliers



32744 ESD Safe Pliers, Snipe Nose (Chain Nose) Bent 45°, Smooth Jaws Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth
32744	120	4 3/4	9.5mm

Precision Cutters Slim Oval Form



32714 Precision Cutters, Slim Oval Head, Full Flush Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32714	115	4.5	1.0	10.0mm

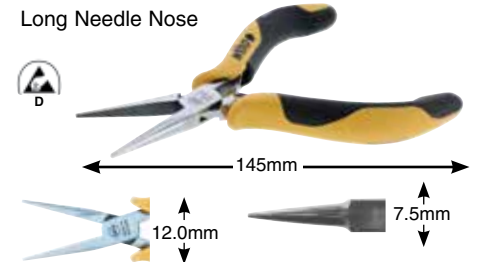
End Cutters Wide Head



32734 End Cutters, Wide Head, Flush End Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32734	115	4.5	1.4	11.0mm

ESD Safe Pliers



32746 ESD Safe Pliers, Long Needle Nose Pliers, Straight, Serrated Jaws Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth
32746	145	5 3/4	12.0mm

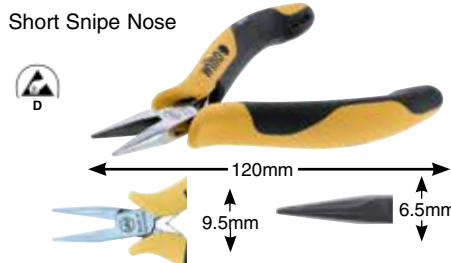
Precision Cutters Wide Oval Form



32716 Precision Cutters, Wide Oval Head, Bevel Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth
32716	115	4.5	1.4	11.0mm

ESD Safe Pliers



32742 ESD Safe Pliers, Short Snipe Nose (Chain Nose) Straight, Serrated Jaws Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth
32742	120	4 3/4	9.5mm

ESD Safe Pliers



32748 ESD Safe Pliers, Needle Nose Pliers, Bent 90°, Smooth Jaws Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth
32748	145	5 3/4	12.0mm

NOTES



Surface resistance of handles is 10⁶ - 10⁹ Ohms

45892 26-Piece Precision PicoFinish®

Screwdrivers, Pliers, Precision Micro Bit Set & ESD Safe Tweezers

ESD Protturn Pliers glare free, black finish, ESD Safe non-slip soft grips. ESD Safe Precision Slotted & Phillips screwdrivers, CVM tool steel blades. Precision ESD Safe Micro Bit handle holds Micro Bit extension and 4mm Micro bits. Anti-static Tweezer conductive, ESD Safe Hypo allergenic, anti-magnetic stainless.

45892 26 Piece ESD Safe Pliers, Precision Screwdrivers, Micro Bit Set & ESD Tweezer Set in Canvas Pouch

ESD Safe Protturn Strippers, Pliers & Cutters

- 5.25" Diagonal Cutters
- 4.5" Full Flush Tapered Cutters
- 4.75" Short Snipe Nose Pliers
- 5.75" Long Needle Nose Pliers

ESD Safe Slotted & Phillips Precision Drivers


Slotted: 2.0, 2.5, 3.0, 3.5mm & Phillips: 00, 0, 1

ESD Micro Bit Handle, Micro Bit Extension & 14 Micro Bits 4mm

Hex: .7, .9, 1.3, 1.5, 2.0, 2.5, 3.0mm
Torx®: T4, T5, T6, T7, T9, T10

ESD Safe Tweezer: 00 SA ESD -

120mm Heavy Duty Strong, Tapered To Strong Point

 lbs. 1.74



32794 11-Piece ESD Safe Precision PicoFinish® Screwdrivers, Pliers Set

Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. Blade CVM steel, hardened, hard chromed.

32794 11 pc. ESD Safe PicoFinish®

Screwdrivers, Pliers & Cutters

- 5.25" Diagonal Cutters
- 4.5" Full Flush Tapered Cutters
- 4.75" Short Snipe Nose Pliers
- 5.75" Long Needle Nose Pliers

PicoFinish Precision® Screwdrivers

Slotted: 2.0, 2.5, 3.0 & 3.5mm
Phillips: #00, 0 & 1

 lbs. 1.32



Series of horizontal lines for taking notes.



Professional Quality ESD Tweezers

ESD SAFE • STATIC DISSIPATIVE • HYPO ALLERGENIC COATED • TEXTURED GRIPPING SURFACE



Universal Fine Point Tweezers

Item No.	Description	wt.
44501	AA SA ESD-130mm	.09

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



Flat Round Tip Smooth Sides

Item No.	Description	wt.
44505	2a SA ESD - 120mm	.08

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



Very Fine Points/Tapered To Tip

Item No.	Description	wt.
44508	4 SA ESD - 110mm	.08

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



Long Narrow Body Low Force

Item No.	Description	wt.
44503	SS SA ESD - 135mm	.08

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



Fine Round Points For Assembly

Item No.	Description	wt.
44506	3 SA ESD - 120mm	.08

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



Extra Fine Points/Tapered To Tip

Item No.	Description	wt.
44509	5 SA ESD - 110mm	.08

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



Reduced Body To Medium Point

Item No.	Description	wt.
44504	2 SA ESD - 120mm	.08

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



Fine Round Points Shorter

Item No.	Description	wt.
44507	3c SA ESD - 110mm	.08

Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.



10 Piece ESD Safe Tweezers Set

Item No.	Description	wt.
44593	10 Pc. Set Includes:	1.05

AA SA Fine Point, 2a SA Flat Round Tip, 3 SA Round Point, 3c SA Fine Round Points Shorter, 4 SA Very Fine Points, 7a SA Curved Extra Fine, PSF SA Flat-1.0mm Wide, 7abb SA Curved Extra Fine, 5bb SA Extra Fine Bent, 4b SA Very Fine Point 40°

Wiha Professional Quality ESD Safe Tweezers



Curved Extra Fine Rounded Tips

Item No.	Description	wt.
44510	7a SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Curved Extra Fine, 3mm Long Straight Tip

Item No.	Description	wt.
44525	7abb SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Narrow Body, Bent, Long Guide Pin, Serrated

Item No.	Description	wt.
55532	22b SA ESD - 155mm	.10
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Holds 1.5 to 3mm Diameter

Item No.	Description	wt.
44512	51 SA ESD - 130mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Extra Fine Points Bent 30° - 3mm Long Tips

Item No.	Description	wt.
44528	5bb SA ESD-107mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Blunt Tips - 1.0mm Wide Serrated

Item No.	Description	wt.
55533	PSF SA ESD S -125mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Narrow Rounded Tip Serrated, Guide Pin

Item No.	Description	wt.
44518	22 SA ESD - 150mm	.10
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



ESD Safe General Purpose Fine Point

Item No.	Description	wt.
44531	1 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Flat and Broad Tips 3mm Wide

Item No.	Description	wt.
55534	F SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Universal Blunt Tip Serrated

Item No.	Description	wt.
44520	40 SA ESD - 145mm	.11
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Heavy Duty Strong Tweezers Tapered To Strong Point

Item No.	Description	wt.
44532	00 SA ESD - 120mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



MicroTip Straight & 0.5mm Slot Milled

Item No.	Description	wt.
55535	8ab SA-SMD ESD-120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



Long Rounded to 1.0mm Wide No Serration

Item No.	Description	wt.
44523	PSF SA ESD-125mm	.09
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		



MicroTip 30° Bend & 0.5mm Slot Milled

Item No.	Description	wt.
55531	11SA-SMD ESD-117mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommeloy. Special stainless steel, anti-magnetic and acid resistant.		

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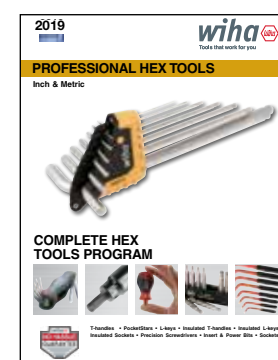
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