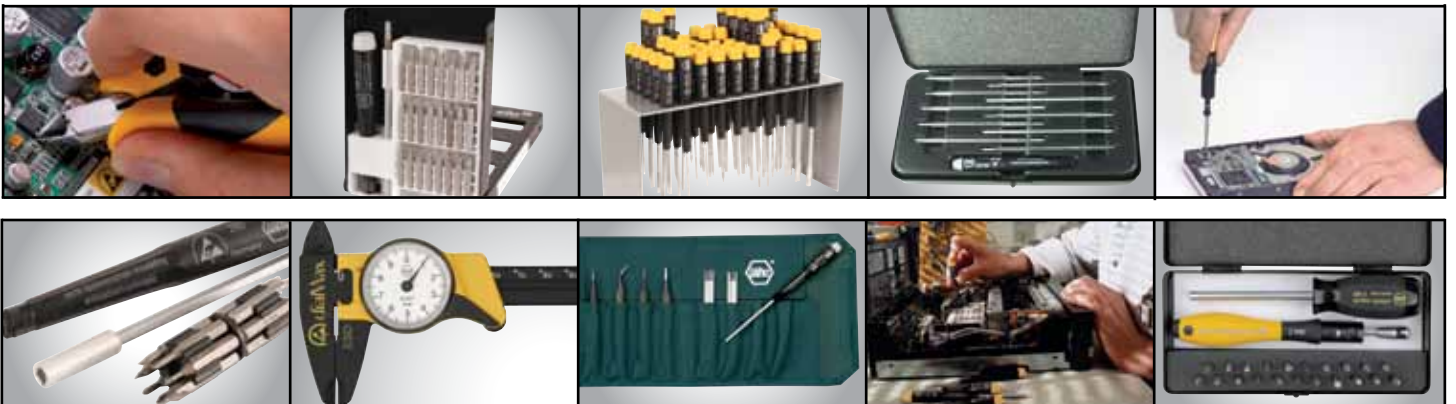


Professional ESD Safe Tools

*For working on
static sensitive
electronic
components!*



Complete ESD Safe Program



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.

Types of ESD Damage

This Article courtesy of Desco Industries, Inc

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 and 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.

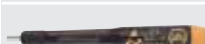
Upset or latent failures may pass your company's quality control testing program. In other words, static damage may occur that cannot be felt, seen, or detected through normal testing procedures.

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.

ESD Safe Precision Screwdrivers

	Description	Page
	Prec. Slotted/Phillips	4-5
	Prec. Torx/TorxPlus	6
	Prec. Hex Screwdrivers	7
	Prec. Nut Drivers	8
	Ceramic Slotted/Phillips	9

ESD Safe SYSTEM 4 Handles/Blades & Sets

	Description	Page
	SYSTEM 4	10-13
	Drive-Loc Precision	11

ESD Safe Micro Bit Handles/Bits & Sets



Description	Page
Micro Bits	14-15

ESD Safe SYS 4 ESD Safe Micro Bit Sets

Description	Page
Micro Bit Sets	16

ESD Safe Cushion Grip Bit Holders

Description	Page
SoftFinish® Bit Holders	17
Quick Release Bit Holder	17

ESD Safe Cushion Grip Screwdrivers

Description	Page
SoftFinish® Slotted Drivers	18
SoftFinish® Phillips Drivers	18
SoftFinish® Torx® Drivers	18

ESD Safe Interchangeable Blade Sets

Description	Page
Interchangeable ESD Sets	19

ESD Safe Calipers Index

Description	Page
Calipers	19

ESD Safe Drive-Loc VI Handle

Description	Page
Drive-Loc VI Handle	20-21

ESD Safe TorqueControl Tools

Description	Page
TorqueControl Drivers	22
TorqueControl Blades	22

ESD Safe Pliers & Cutters Index

Description	Page
Diagonal Cutters Tapered Head	23
Diagonal Cutters Wide Tapered & Oval Head	24-25
Diagonal Cutters Wide Oval & Wide Form	25
Oblique Angled Cutters Carbide Edge	26
End Cutters	27
Pliers	27-28

ESD Safe Protturn Pliers & Cutters Index

Description	Page
Protturn Wire Strippers 30 to 20 AWG	29
Protturn Pliers Long, Flat, Bent, Round Nose	29
Precision Cutters/Flush Cut 21° & 45° Angle	30

Precision ESD Safe Dissipative Drivers

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



ESD Standard IEC 61340-5-1

Rotating cap for precise turning & control with fingertip

Molded Precision handle of 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

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



272 Slotted Screwdriver, With Precision ESD Safe Dissipative

Handle Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item No.	mm	Inch	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
27208	.8	1/32	40	1.6	0.16	.01	120	4.7	.02	10
27210	1.0	.039	40	1.6	0.18	.01	120	4.7	.02	10
27212	1.2	3/64	40	1.6	0.20	.01	120	4.7	.02	10
27215	1.5	1/16	40	1.6	0.25	.01	120	4.7	.02	10
27220	2.0	5/64	40	1.6	0.40	.02	120	4.7	.02	10
27222	2.0	5/64	75	3.0	0.40	.02	155	6.1	.03	10
27223	2.0	5/64	100	3.9	0.40	.02	180	7.1	.03	10
27224	2.0	5/64	150	5.9	0.40	.02	260	10.2	.04	10
27225	2.5	3/32	50	2.0	0.40	.02	145	5.7	.04	10
27227	2.5	3/32	100	3.9	0.40	.02	195	7.7	.03	10
27228	2.5	3/32	150	5.9	0.40	.02	245	9.6	.04	10
27230	3.0	1/8	50	2.0	0.50	.02	145	5.7	.04	10
27232	3.0	1/8	100	3.9	0.50	.02	210	8.3	.04	10
27234	3.0	1/8	150	5.9	0.50	.02	260	10.2	.05	10
27235	3.5	9/64	60	2.4	0.60	.02	170	6.7	.06	10
27237	3.5	9/64	100	3.9	0.60	.02	210	8.3	.06	10
27238	3.5	9/64	150	5.9	0.60	.02	260	10.2	.06	10
27240	4.0	5/32	60	2.4	0.80	.03	170	6.7	.06	10
27242	4.0	5/32	100	3.9	0.80	.03	210	8.3	.06	10
27243	4.0	5/32	150	5.9	0.80	.03	260	10.2	.07	10

*Metric dimensions actual - Inch dimensions approximate



D



SHOP

27290 Set 8 Pcs. Slotted Precision ESD Safe Dissipative Handle

Blade CVM steel, hardened, hard chrome. Handle impact resistant, dissipative material. In storage pouch. ESD standard IEC 61340-5-1

Item No.		mm	mm		mm	mm	lbs.
27290	27208	.8	40	27220	2.0	40	.54
	27210	1.0	40	27225	2.5	50	
	27212	1.2	40	27230	3.0	50	
	27215	1.5	40	27235	3.5	60	



D



SHOP

27390 Set 7 Pcs. Slotted & Phillips Precision ESD Safe

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

Item No.		mm	mm		Size	mm	lbs.
27390	27215	1.5	40	27305	00	40	.30
	27220	2.0	40	27310	0	50	
	27225	2.5	50	27320	1	60	
	27235	3.5	60				

Precision ESD Safe Slotted/Phillips Drivers

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



273 Phillips Screwdriver, With Precision ESD Safe Dissipative

Handle Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item No.	+	+	+	+	+	+	+	+
	Size	mm	Inch	mm	Inch	mm	Inch	lbs.
27302	000	40	1.6	2.0	.08	120	4.7	.02
27305	00	40	1.6	2.0	.08	120	4.7	.02
27307	00	75	3.0	2.0	.08	155	6.1	.02
27310	0	50	2.0	3.0	.12	145	5.7	.04
27312	0	75	3.0	3.0	.12	170	6.7	.03
27314	0	100	3.9	3.0	.12	195	7.6	.05
27316	0	150	5.9	3.0	.12	245	9.6	.06
27320	1	60	2.3	4.0	.16	170	6.7	.06
27322	1	75	3.0	4.0	.16	155	6.1	.06
27324	1	100	3.9	4.0	.16	210	8.2	.06
27326	1	150	5.9	4.0	.16	260	10.2	.07

*Metric dimensions actual - Inch dimensions approximate



27393 Set 7 Pcs. Extra Long Slotted/Phillips Precision ESD Safe

Dissipative Handle Blade CVM steel, hardened, hard chromed. Handle impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item No.	+	+	+	+	+	+
	Size	mm	mm	Size	mm	lbs.
27393	27224	2.0	150	27316	0	.50
	27228	2.5	150	27326	1	.50
	27234	3.0	150			
	27238	3.5	150			
	27243	4.0	150			



27399 Set 8 Pcs. Slotted & Phillips Precision ESD Safe

Dissipative Handle Blade high alloy CVM steel, hardened, hard chromed. Handle manufactured from impact resistant, dissipative material. In storage pouch. ESD standard IEC 61340-5-1

Item No.	+	+	+	+	+	+
	Size	mm	mm	Size	mm	lbs.
27399	27215	1.5	40	27302	000	.50
	27220	2.0	40	27305	00	.50
	27225	2.5	50	27310	0	.50
	27230	3.0	50	27320	1	.50



91118 Rugged Polyester Canvas Storage Pouch

Holds 8 Precision Tools up to 170mm in length. Folding pouch. Has security flaps and velcro closer.

Item No.	Size	lbs.	pkg.
91118	14 1/2" W x 7 3/4" L	.13	1

Precision ESD Safe Drivers

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



278 TORX® Screwdriver, With Precision ESD Safe Dissipative

Handle Blade high alloy CVM steel. Hard chrome finished. Handle impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item							
No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
27801	T1	40	1.6	120	4.7	.03	10
27802	T2	40	1.6	120	4.7	.03	10
27803	T3	40	1.6	120	4.7	.03	10
27804	T4	40	1.6	120	4.7	.03	10
27805	T5	40	1.6	120	4.7	.03	10
27811	T6	40	1.6	120	4.7	.03	10
27817	T7	40	1.6	120	4.7	.03	10
27823	T8	40	1.6	120	4.7	.03	10
27829	T9	50	2.0	145	5.7	.04	10
27835	T10	50	2.0	145	5.7	.04	10
27841	T15	60	2.4	170	6.7	.07	10
27847	T20	60	2.4	170	6.7	.07	10

*Metric dimensions actual - Inch dimensions approximate



ESD standard
IEC 61340-5-1

Precision ESD Safe Drivers

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



278 Screwdriver, With Precision ESD Safe Dissipative

Handle Blade high alloy CVM steel, hardened, hard chromed. Handle impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item							
No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
27850	IP4	40	1.6	120	4.7	.03	10
27851	IP5	40	1.6	120	4.7	.03	10
27852	IP6	40	1.6	120	4.7	.03	10
27853	IP7	40	1.6	120	4.7	.03	10
27854	IP8	40	1.6	120	4.7	.03	10
27855	IP9	50	2.0	145	5.7	.04	10
27856	IP10	50	2.0	145	5.7	.04	10
27857	IP15	60	2.4	170	6.7	.07	10

*Metric dimensions actual - Inch dimensions approximate



ESD standard
IEC 61340-5-1

27890 Set 7 Pcs. TORX Precision ESD Safe Dissipative Handle

Blade high alloy CVM steel, hardened, hard chromed. Handle manufactured from impact resistant, dissipative material.

Item					
No.	Size	mm	Size	mm	lbs.
27890	27804 T4	40	27823 T8	40	.31
	27805 T5	40	27829 T9	50	
	27811 T6	40	27835 T10	50	
	27817 T7	40			



ESD standard
IEC 61340-5-1

27894 Set 7 Pcs. Precision ESD Safe Dissipative

Handle Blade high alloy CVM steel, hardened, hard chromed.

Item					
No.	Size	mm	Size	mm	lbs.
27894	27851 IP5	40	27855 IP9	50	.27
	27852 IP6	40	27856 IP10	50	
	27853 IP7	40	27857 IP15	60	
	27854 IP8	40			

27899 Set 8 Pcs. TORX Precision ESD Safe Dissipative Handle

Set In Pouch Blade high alloy CVM steel, hardened, hard chromed. Handle impact resistant, dissipative material.

Item					
No.	Size	mm	Size	mm	lbs.
27899	27801 T1	40	27805 T5	40	.47
	27802 T2	40	27806 T6	40	
	27803 T3	40	27807 T7	40	
	27804 T4	40	27920 Chip Lifter		

Wiha Precision ESD Safe Hex Drivers

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



275 Metric Hex Driver, With Precision ESD Safe Dissipative

Handle Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item							
No.	mm	mm	Inch	mm	Inch	lbs.	pkg.
27507	.71	40	1.6	120	4.7	.02	10
27509	.89	40	1.6	120	4.7	.02	10
27513	1.27	40	1.6	120	4.7	.03	10
27515	1.5	50	2.0	145	5.7	.03	10
27520	2.0	50	2.0	145	5.7	.04	10
27525	2.5	60	2.4	170	6.7	.05	10
27530	3.0	60	2.4	170	6.7	.05	10
27535	4.0	60	2.4	170	6.7	.05	10

*Metric dimensions actual - Inch dimensions approximate



275 Inch Hex Driver, With Precision ESD Safe Dissipative

Handle Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item							
No.	Inch	mm	Inch	mm	Inch	lbs.	pkg.
27505	.028	40	1.6	120	4.7	.02	10
27510	.035	40	1.6	120	4.7	.02	10
27513	.050	40	1.6	120	4.7	.02	10
27537	1/16	50	2.0	145	5.7	.03	10
27539	5/64	50	2.0	145	5.7	.03	10
27541	3/32	60	2.4	170	6.7	.04	10
27543	7/64	60	2.4	170	6.7	.04	10
27545	1/8	60	2.4	170	6.7	.04	10
27547	9/64	60	2.4	170	6.7	.05	10
27549	5/32	60	2.4	170	6.7	.05	10

*Metric dimensions actual - Inch dimensions approximate



D



ESD standard
IEC 61340-5-1



27590 Set 8 Pcs. Hex Metric Precision ESD Safe Dissipative

Handle Blade CVM steel, hardened, hard chromed. Handle impact resistant, dissipative material. In storage pouch

Item						
No.	mm	mm	mm	mm	mm	lbs.
27590	27507	.71	40	27520	2.0	50
	27509	.89	40	27525	2.5	60
	27513	1.27	40	27530	3.0	60
	27515	1.5	50	27535	4.0	60



D



ESD standard
IEC 61340-5-1



27591 Set 8 Pcs. Hex Inch Precision ESD Safe Dissipative

Handle Blade CVM steel, hardened, hard chromed. Handle impact resistant, dissipative material. In storage pouch

Item						
No.	Inch	Inch	Inch	Inch	Inch	lbs.
27591	27513	.050	1.6	27543	7/64	2.4
	27537	1/16	2.0	27545	1/8	2.4
	27539	5/64	2.0	27547	9/64	2.4
	27541	3/32	2.4	27549	5/32	2.4



91118 Rugged Polyester Canvas Storage Pouch

Holds 8 Precision Tools up to 170mm in length. Folding pouch. Has security flaps and velcro closer.

Item			
No.	Size	lbs.	pkg.
91118	14 1/2" W x 7 3/4" L	.13	1

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



Handle Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1

27791 Set 8 Pcs. Inch Nut Driver Precision ESD Safe Dissipative						
Handle Blade CVM steel, hardened, hard chromed. Handle impact resistant, dissipative material. In storage pouch						
Item						
No.		Inch	mm		Inch	mm
27791	27701	3/32	60	27709	5/32	60
	27703	7/64	60	27711	3/16	60
	27705	1/8	60	27713	7/32	60
	27707	9/64	60	27715	1/4	60

27790 Set 8 Pcs. Metric Nut Driver Precision ESD Safe

Item No.							
		mm	mm		mm	mm	lbs.
27790	27720	1.5	60		27735	3.5	60
	27722	2.0	60		27740	4.0	60
	27725	2.5	60		27750	5.0	60
	27730	3.0	60		27755	5.5	60



Handle Blade high alloy chrome-vanadium-molybdenum steel. Hard chromed finished. Handle manufactured from impact resistant, dissipative material. ESD standard IEC 61340-5-1

Item									
No.	mm	mm	Inch	mm	Inch	Inch	Inch	lbs.	pkg.
27720	1.5	60	2.4	140	5.5	2.5	3.0	.03	10
27722	2.0	60	2.4	140	5.5	3.2	4.0	.04	10
27725	2.5	60	2.4	140	5.5	4.0	4.0	.05	10
27730	3.0	60	2.4	155	6.1	5.0	5.0	.06	10
27735	3.5	60	2.4	155	6.1	5.3	6.0	.06	10
27740	4.0	60	2.4	155	6.1	5.5	6.0	.06	10
27745	4.5	60	2.4	155	6.1	6.2	7.0	.05	10
27750	5.0	60	2.4	155	6.1	6.8	7.0	.06	10
27755	5.5	60	2.4	170	6.7	7.6	8.0	.07	10
27760	6.0	60	2.4	170	6.7	9.6	10.0	.06	10

*Metric dimensions actual - Inch dimensions approximate

Wiha Precision ESD Safe Chip Lifter

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



27920 Precision Chip Lifter - ESD Safe

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

Item	mm	mm	mm	mm	Inch	lbs.	pkg.
No.	1	3.5	50	145	5.7	.07	1
27920	ESD Safe dissipative handle						



ESD standard
IEC 61340-5-1

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



92092 Master Technicians Bench Top Set

Metal frame. Equipped with 50 precision ESD Safe screwdrivers.

Item No.	
92092	Slotted: .8, 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0mm Phillips: #000, #00, #0, #1 TORX : T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T15, T20 Metric Hex: .71, .89, 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm Inch Hex: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32" Metric Nut Drivers: 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5mm 27920 Chip Lifter
lbs. 2.25	

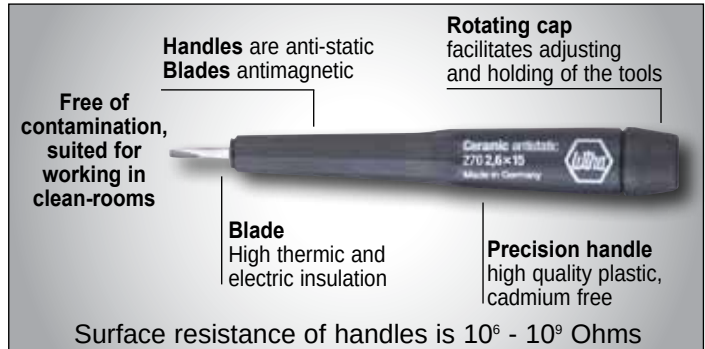


91118 Rugged Polyester Canvas Storage Pouch

Holds 8 Precision Tools up to 170mm in length. Folding pouch. Has security flaps and velcro closer.

Item			
No.	Size	lbs.	pkg.
91118	14 1/2" W x 7 3/4" L	.13	1

Wiha Precision Ceramic



270 Ceramic Slotted Screwdriver, With Wiha-Precision Handle,

Out of Anti-static Plastic Blade special ceramic, antimagnetic, for correct adjusting in high frequency areas.

Item	mm	Inch	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
No.										
27009	0.9	.035	15	.59	0.35	.01	94.5	3.7	.14	1
27013	1.3	.050	15	.59	0.35	.01	94.5	3.7	.14	1
27018	1.8	.071	15	.59	0.35	.02	94.5	3.7	.14	1
27026	2.6	.102	15	.59	0.35	.02	94.5	3.7	.14	1

*Metric dimensions actual - Inch dimensions approximate



27100 Ceramic Phillips Screwdriver, With Wiha-Precision Handle,

Out of Anti-static Plastic Blade special ceramic, antimagnetic, for correct adjusting in high frequency areas.

Item	Size	mm	Inch	mm	Inch	lbs.	pkg.
No.							
27100	0	15.0	.59	94.5	3.7	.14	1

*Metric dimensions actual - Inch dimensions approximate



27090 Ceramic Slotted/Phillips Screwdriver 3 Pc. Set, With Wiha-Precision Handle, Out of Anti-static Plastic

Blade special ceramic, antimagnetic, for correct adjusting in high frequency areas.

Item	mm	mm	Size	mm	lbs.	pkg.
No.						
27090	0.9	15	0	15	.28	1
	2.6	15				



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



28001 ESD Safe Dissipative Precision Adjustable Handle with rotating control cap.

- Use in ESD sensitive applications. Surface resistant 10^6 - 10^9 Ohms.
- Collet lock allows for quick & easy adjustment.
- Holds blade securely in place. Accepts all SYSTEM 4 blades. 110mm/4.3" OAL

Item					
No.	mm	Inch	mm	Inch	lbs.
28001	4.0	.1574	14.0	.55	.04



269 SYSTEM 4 Slotted Reversible Blade High alloy CVM steel, hardened, hard chromed. Wiha vapor Chrome-Top finish on tips.

Item					
No.	mm	mm	mm	Inch	lbs.
26903	1.5 + 3.0	120	4.7	.05	
26904	2.0 + 3.5	120	4.7	.05	
26905	2.5 + 4.0	120	4.7	.06	



269 SYSTEM 4 Combined Slotted/Phillips Reversible Blade

Item					
No.	mm	Size	mm	Inch	lbs.
26971	1.5 + 000	120	4.7	.05	
26972	2.0 + 00	120	4.7	.05	
26973	3.0 + 0	120	4.7	.05	
26974	4.0 + 1	120	4.7	.06	



269 SYSTEM 4 Phillips Reversible Blade

Item					
No.	Size	Size	mm	Inch	lbs.
26911	000 + 00		120	4.7	.03
26912	0 + 1		120	4.7	.03

Wiha SYS 4 Precision Handles & Blades

Rotating Cap for precise turning and control

Tapered Handle allows rapid rotation, requires less clearance

Tips Exact fit, precision machined

Blades CVM steel, hardened, hard chromed. On 4mm Hex shafts

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

Precision Handle high quality plastic. ESD Safe or Standard styles

15mm
Collet Lock Handle adjustable blade length from 15 to 95mm/.6" to 3.75"
95mm



26922 SYSTEM 4 Pozidriv Reversible Blade High alloy CVM steel, hardened, hard chromed. Wiha vapor Chrome-Top finish on tips.

Item					
No.	Size	Size	mm	Inch	lbs.
26922	0 + 1	120	4.7	.03	



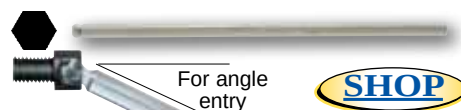
269 SYS 4 Metric Ball End & Standard Hex, Reversible Blade CVM steel, hardened, hard chromed. Wiha vapor Chrome-Top finish on tips. One side hex, other side ballpoint hex.

Item					
No.	mm	mm	mm	Inch	lbs.
26932	1.27 + 1.27	120	4.7	.05	
26933	1.5 + 1.5	120	4.7	.05	
26934	2.0 + 2.0	120	4.7	.06	
26935	2.5 + 2.5	120	4.7	.06	
26936	3.0 + 3.0	120	4.7	.06	
26937	4.0 + 4.0	120	4.7	.06	



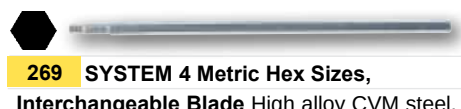
280 SYSTEM 4 Metric Ball End Hex Interchangeable Blade High alloy tool steel, hardened, corrosion protected. Ball end works at 30° angle entry for easy access to fasteners.

Item					
No.	mm	mm	Inch	lbs.	pkg.
28033	1.5	120	4.7	.06	1
28034	2.0	120	4.7	.06	1
28035	2.5	120	4.7	.06	1
28036	3.0	120	4.7	.06	1
28037	4.0	120	4.7	.06	1



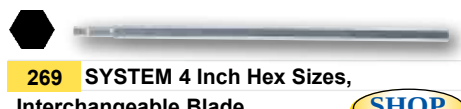
280 SYSTEM 4 Inch Ball End Hex Interchangeable Blade

Item					
No.	Inch	mm	Inch	lbs.	
28021	.050	120	4.7	.06	
28023	1/16	120	4.7	.06	
28024	5/64	120	4.7	.06	
28025	3/32	120	4.7	.06	
28026	7/64	120	4.7	.06	
28027	1/8	120	4.7	.06	
28028	9/64	120	4.7	.06	
28029	5/32	120	4.7	.06	



269 SYSTEM 4 Metric Hex Sizes, Interchangeable Blade High alloy CVM steel, hardened, corrosion protected.

Item					
No.	mm	mm	Inch	lbs.	
26913	.71	120	4.7	.06	
26914	.89	120	4.7	.06	
26915	1.27	120	4.7	.06	
26916	1.5	120	4.7	.06	
26917	2.0	120	4.7	.06	
26918	2.5	120	4.7	.06	
26919	3.0	120	4.7	.06	
26920	4.0	120	4.7	.06	



269 SYSTEM 4 Inch Hex Sizes, Interchangeable Blade

Item					
No.	Inch	mm	Inch	lbs.	
26921	.050	120	4.7	.06	
26923	1/16	120	4.7	.06	
26924	5/64	120	4.7	.06	
26925	3/32	120	4.7	.06	
26926	7/64	120	4.7	.06	
26927	1/8	120	4.7	.06	
26928	9/64	120	4.7	.06	
26929	5/32	120	4.7	.06	

Wiha SYSTEM 4 Precision Blades



269 SYSTEM 4 Nut Driver Metric, Interchangeable Blade High alloy chrome-vanadium-molybdenum steel, hardened, corrosion protected. 120mm/4.7" OAL

Item	No.	mm	mm	Inch	Inch	lbs.
26940	1.5 + 1.8	.12	.12	.03		
26941	2.0 + 2.5	.16	.16	.03		
26938	1.5 -	.11	.11	.04		
26939	1.8 -	.12	.12	.04		
26949	2.0 -	.13	.13	.06		
26950	2.5 -	.16	.16	.06		
26942	3.0 -	.20	.20	.06		
26943	3.2 -	.20	.20	.06		
26944	3.5 -	.22	.24	.06		
26945	4.0 -	.22	.24	.06		
26946	4.5 -	.25	.28	.06		
26947	5.0 -	.27	.28	.06		
26948	5.5 -	.30	.32	.06		



269 SYSTEM 4 Nut Driver Inch, Interchangeable Blade

Item	No.	Inch	Inch	Inch	lbs.
26962	3/32	.16	.16	.04	
26963	7/64	.20	.20	.04	
26964	1/8	.20	.20	.04	
26965	9/64	.21	.24	.04	
26966	5/32	.22	.24	.04	
26967	3/16	.26	.28	.04	
26968	7/32	.30	.32	.04	
26969	1/4	1.34	.36	.04	



269 SYSTEM 4 TORX Reversible Blade

High alloy chrome-vanadium-molybdenum steel, hardened, vapor chrome protected, Wiha vapor Chrome-Top finish on tips. 120mm/4.7" OAL

Item	No.	Size	Size	lbs.
26951	T6 + T8	.03		
26952	T7 + T9	.03		
26953	T10 + T15	.03		
26954	T15 + T20	.03		



269 SYSTEM 4 TORX Interchangeable Blade 120mm/4.7" OAL

Item	No.	Size	lbs.
26955	T3	.03	
26956	T4	.03	
26957	T5	.03	

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 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		



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		



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		



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

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



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

Item	No.	mm	mm	lbs.
28009	1.5 + 1.8	.02		
28010	2.0 + 2.5	.02		
28011	3.0 + 3.0	.02		
28012	3.2 + 3.2	.02		
28013	3.5 + 3.5	.02		
28014	4.0 + 4.0	.02		
28015	4.5 + 4.5	.02		
28016	5.0 + 5.0	.02		
28017	5.5 + 5.5	.02		



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

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

Wiha Canvas Pouch Sets

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



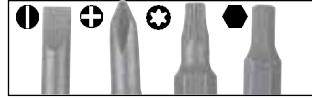
26990 Slotted & Phillips Precision Interchangeable Blade Set, 4 Pcs. Wiha ESD Safe precision collet lock handle and 3 Wiha interchangeable blades.

Set includes the following blades :

↓ **Slotted:** 2.0, 3.0, 4.0mm

⊕ **Phillips:** 00, 0, 1

↪ lbs. .17



28080 Slotted, Phillips TORX® & Hex Precision Interchangeable Blade Set, 22 Pcs. Wiha ESD Safe precision collet lock handle and 20 Wiha interchangeable blades.

Set includes the following blades:

↓ **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:** .028, .035

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

ESD Safe Chip Lifter

↪ lbs. .33



26991 Slotted & Phillips Precision Interchangeable Blade Set, 6 Pcs. Wiha ESD Safe precision collet lock handle and 5 Wiha interchangeable blades. In canvas pouch.

Set includes the following blades:

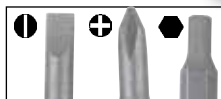
↓ **Slotted:** 1.5, 2.0, 2.5, 3.0, 3.5, 4.0mm

⊕ **Phillips:** 000, 00, 0, 1

↪ lbs. .29



Slotted, Phillips, Hex



26992 Slotted, Phillips and Ball End Hex Metric/Inch Precision Interchangeable Blade Set, 17 Pcs. Wiha ESD Safe precision collet lock handle and 15 Wiha interchangeable blades.

Set include the following blades:

↓ **Slotted:** 1.5, 2.0, 3.0, 4.0mm

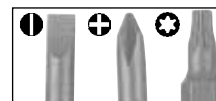
⊕ **Phillips:** 000, 00, 0, 1

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

⬢ **Ball End Hex Metric:** 1.5, 2.0, 2.5, 3.0, 4.0mm

ESD Safe Chip Lifter

↪ lbs. .63



44590 Slotted, Phillips and TORX® Precision Interchangeable Blade Set, 12 Pcs. Wiha ESD Safe precision collet lock handle, 7 Wiha interchangeable blades & 4 ESD Safe Tweezers.

Set includes the following blades:

↓ **Slotted:** 2.0, 3.0, 4.0mm

⊕ **Phillips:** 00, 0, 1

⚙ **TORX®:** T6, T7, T8, T9, T10, T15

ESD Safe Precision Tweezers:

44501 Fine Point - AA SA

44509 Extra Fine Point - 5 SA

44505 Flat and Blunt - 2a SA

44510 Curved Fine Point - 7a SA

↪ lbs. .60



Slotted, Phillips, Torx® Set In Steel Box



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



28094 Slotted, Phillips & Torx® Precision Interchangeable Blade Set, 11 Pcs. Wiha ESD Safe precision collet lock handle and 10 Wiha interchangeable blades.

Set includes the following blades:

↓ **Slotted:** 1.5, 2.0, 3.0, 4.0mm

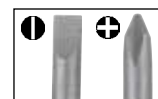
⊕ **Phillips:** 000, 00, 0, 1

⚙ **TORX®:** T3, T4, T5, T6, T7, T8, T9, T10, T15

↪ lbs. 1.51



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



26993 Slotted & Phillips Precision Interchangeable Blade Set, 6 Pcs. Wiha ESD Safe precision collet lock handle and 5 Wiha interchangeable blades.

Set includes the following blades :

↓ **Slotted:** 1.5, 2.0, 2.5, 3.0, 3.5, 4.0mm

⊕ **Phillips:** 000, 00, 0, 1

↪ lbs. .87

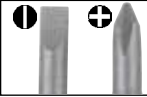


ESD Technicians Kit Precision Screwdrivers & Tweezers

SYSTEM 4 Sets in Compact Fold-out box



- ESD Safe Precision Handle
Surface resistance of handles is $10^6 - 10^9$ Ohms
- High alloy CVM steel, hardened
- Exact fit tips

D  

26996 Slotted & Phillips Precision Interchangeable Blade Set, 5 Pcs. Wiha ESD Safe  precision collet lock handle and 4 Wiha interchangeable blades.

26996 Set includes the following reversible blades in Slotted/Phillips sizes:

↓ 	Slotted: 1.5, 2.0, 3.0, 3.5mm
↓ 	Phillips: 000, 00, 0, 1
↔	lbs. .24

D  

26997 Slotted, Phillips and TORX® Precision Interchangeable Blade Set, 9 Pcs. Wiha ESD Safe  Precision Collet Lock handle and 8 Wiha Interchangeable blades.

26997 Set includes the following blades:

↓ 	Slotted: 1.5, 2.0, 2.5, 3.0, 3.5, 4.0mm
↓ 	Phillips: 000, 00, 0, 1
↓ 	TORX®: T6, T7, T8, T9, T10, T15
↔	lbs. .34

D  

26999 Hex Metric Precision Blade Set, 9 Pcs. Wiha ESD Safe  Precision Collet Lock handle and 8 Wiha interchangeable blades.

26999 Set includes the following blades:

↓ 	Hex Metric: .71, .89, 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm
↔	lbs. .36

D  

26989 Hex Inch Precision Blade Set, 9 Pcs. Wiha ESD Safe  Precision Collet Lock handle and 8 Wiha interchangeable blades.

26989 Set includes the following blades:

↓ 	Hex Inch: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
↔	lbs. .35



D  

26988 Nut Driver Inch Precision Blade Set, 9 Pcs. Wiha ESD Safe  precision collet lock handle & 8 Wiha interchangeable blades.

26988 Set includes the following blades:

↓ 	Nut Driver Inch:
	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"
↔	lbs. .39

D  

26998 Nut Driver Metric Precision Blade Set, 9 Pcs. Wiha ESD Safe  precision collet lock handle and 8 Wiha interchangeable blades.

26998 Set includes the following blades:

↓ 	Nut Driver Metric:
	2.0, 2.5, 3.0, 3.2, 3.5, 4.0, 4.5, 5.0, 5.5mm
↔	lbs. .40

D  

26995 TORX® Precision Interchangeable Blade Set, 5 Pcs. Wiha ESD Safe  precision collet lock handle & 4 interchangeable blades.

26995 Set includes the following blades:

↓ 	TORX®:
	T6, T7, T8, T9, T10, T15, T20
↔	lbs. .24

D  

26987 TORX® Precision Interchangeable Blade Set, 8 Pcs. Wiha ESD Safe  precision collet lock handle and 7 interchangeable blades.

26987 Set includes the following blades:

↓ 	TORX® Sizes on standard blades:
	T3, T4, T5
↓ 	TORX® Sizes on reversible blades:
	T6, T7, T8, T9, T10, T15, T20
↔	lbs. .33

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



75801 SYSTEM 4 ESD Safe Dissipative

Precision Bit Handle with rotating control cap. Wiha precision handle, tapered, high quality plastic, impact resistant. **Advantages:**

- For working in ESD sensitive applications
Surface resistant 10⁶-10⁹ Ohms 
- Ball retainer holds bits securely in place
- Accepts all SYSTEM 4 Series bits
- 110mm/4.3" OAL

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



75900 Extension Blade For SYSTEM 4

Micro Bits. Shaft CVM steel, hardened, corrosion protected. Ball retainer bit extension for 4 mm bits. Without magnet

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



75901 Magnetic Bit Extension Blade For SYSTEM 4 Micro Bits.

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



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



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

Item				
No.	mm	mm	Inch	lbs.
75307	.71	28	1.1	.01
75309	.89	28	1.1	.01
75313	1.27	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.
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



753 SYSTEM 4 Metric Security Hex Bits

High alloy CVM steel, hardened, on 4 mm hex stock.

Item				
No.	mm	mm	Inch	lbs.
75322	2.0	28	1.1	.01
75327	2.5	28	1.1	.01
75332	3.0	28	1.1	.01
75342	4.0	28	1.1	.01



753 SYSTEM 4 Security Hex Inch Bits

High alloy CVM steel, hardened, on 4 mm hex stock.

Item				
No.	Inch	mm	Inch	lbs.
75362	5/64	28	1.1	.01
75364	3/32	28	1.1	.01
75366	7/64	28	1.1	.01
75368	1/8	28	1.1	.01
75370	9/64	28	1.1	.01
75372	5/32	28	1.1	.01



753 SYSTEM 4 TORX Security Bits

High alloy CVM steel, hardened, on 4 mm stock.

Item				
No.	Size	mm	Inch	lbs.
75727	T7s	28	1.1	.01
75728	T8s	28	1.1	.01
75729	T9s	28	1.1	.01
75735	T10s	28	1.1	.01
75739	T15s	28	1.1	.01
75742	T20s	28	1.1	.01

Micro Bit 1/4" Drive Power Tool Adapter



75902 SYSTEM 4 Micro Bit 1/4" Drive Power Tool Adapter

Shaft CVM steel, hardened, corrosion protected. 1/4" Hex drive holds 4 mm bits. Without magnet

Item No.	Size	mm	mm	lbs.
75902	1/4"	60	4.0	.05

Wiha SYS 4 Micro Bits & Compact Bit Sets



75996 SYSTEM 4 Interchangeable Bit Set, 40 Pcs. In Storage Box.

Set includes Wiha precision handle, non-magnetic bit extension & 38 interchangeable bits.

Item No. SYSTEM 4 Combination Micro Bit Set

75996 Set with ESD Safe Precision Handle 

Set includes the following bits:

 **Slotted:** 0.8, 1.2, 1.5, 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:** 1.27, 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 - non-magnetic**
 **lbs.** 1.04

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



75990 40 Pc. SYSTEM 4 Interchangeable Bit Set, In Canvas Pouch

Set includes Wiha precision handle, non-magnetic bit extension & 38 interchangeable bits.

Item No. SYSTEM 4 Combination

No. Micro Bit Set

75990 Set with ESD Safe Precision Handle 

Set includes the following bits:

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

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

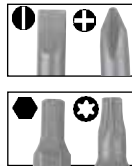
 **TORX:** T3, T4, T5, T6, T7, T8, T9, T10, T15

 **Hex Metric:** 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm

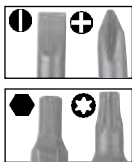
 **Hex Inch:** .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"

 **100mm Bit Extension - non-magnetic**
 **lbs.** .65

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



40 Pc. Set



40 Pc. Set

75792 SYSTEM 4 TORX® Precision

Interchangeable Bit Set, 11 Pcs. In Compact Fold Out Box. Set includes ESD Safe Wiha precision handle, non-magnetic bit extension and 9 Wiha interchangeable bits.

Item No. ESD Safe SYSTEM 4 TORX®

No. Micro Bit Set

75792 Set with ESD Safe Precision Handle 

Sets include the following bits:

 **TORX®:**

T3, T4, T5, T6, T7, T8, T9, T10, T15

100mm Bit Extension - non-magnetic

 **lbs.** .26

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



11 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, non-magnetic bit extension and 25 Wiha interchangeable bits.

Item No. Handle Options for SYSTEM 4

No. 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 - non-magnetic**
 **lbs.** .34

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



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 ESD Safe precision handle, non-magnetic bit extension and 25 Wiha interchangeable bits.

Item No. SYSTEM 4 Combination Micro 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:** .71, .89, 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm

 **100mm Bit Extension - non-magnetic**
 **lbs.** .26

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



27 Pc. Set

SYSTEM 4 Compact ESD Micro Bit Sets

Technicians 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

Light weight & compact

Rotation cap

Handle tapered for precise control

Bits hardened for extreme durability

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



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 Standard Precision Handle

Set includes the following bits:

- **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



75095 SYSTEM 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 Standard Precision Handle

Set includes the following bits:

- **Slotted:** 1.5, 2.0, 2.5, 3.0mm
- ⊕ **Phillips:** 00, 0, 1
- ⬡ **Hex Metric:** .89, 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm
- **100mm Bit Extension**

lbs. .17



75094 SYSTEM 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 Standard Precision Handle

Set includes the following bits:

- **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



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

Set includes the following bits:

- ⬡ **Hex Inch:** 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
- ⬡ **Hex Metric:** .89, 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm
- **100mm Bit Extension**

lbs. .17



Wiha ESD Safe SoftFinish Cushion Grip Bit Holders



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 10⁶ - 10⁹ Ohm.

Item							
No.	Inch	mm	Inch	mm	Inch	lbs.	pkg.
38701	1/4"	148	5.8	38	1.5	.18	1



28180 ESD Safe Stubby 1/4" Bit Holder With Ring Retainer, Cushion Grip Wiha-SoftFinish® Handle, IEC 61340-5-1, DIN 3126, ISO 1173 Dissipative SoftFinish® cushion grip handle, multi-component, ESD Safe surface resistance 10⁶ - 10⁹ Ohm.

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



In Durable Pouch

Surface resistance of handle is 10⁶ - 10⁹ Ohms



38790 ESD Safe 1/4" Quick Release Blade Holder Set With Interchangeable 70mm Blades & Quick Release Blade Holder 20 Pc. set includes ESD Safe Quick Release Holder, cushion grip handle. 70mm blades are CVM tool steel, hardened. Also includes a Quick Release blade extension.

Item	
No. 38790	
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



Wiha ESD Safe SoftFinish Cushion Grip Screwdrivers

For working on static sensitive components

Dissipative material offers protection against electrostatic discharge



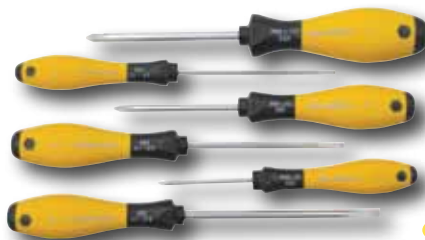
SoftFinish cushion grip handle

CVM steel hardened, hard chrome Finish

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



D



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 No.	mm	Inch	mm	Size	mm	lbs.
30292	30242*	3.0	.118	100	31150 0 60	.96
	30244*	4.0	.157	100	31151 1 80	
	30246*	5.5	.216	125	31152 2 100	

*Cabinet Tips



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



D



36289 Set 6 Pcs. ESD Safe TORX® Screwdrivers

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

Item No.	Size	mm	Size	mm	lbs.
36289	36206 T6	60	36218 T10	80	.81
	36208 T8	60	36219 T15	80	
	36209 T9	60	36224 T20	100	



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

Wiha ESD Safe Interchangeable Sets



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

In Durable Pouch



10891 ESD Safe Slotted & Phillips Interchangeable Blade Set

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

Item 

No. 10891 lbs. .65

Slotted: 3.0, 4.0, 6.0mm Phillips: 0, 1, 2



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

In Durable Pouch



10892 ESD Safe Metric Nut Drivers Interchangeable Blade Set

8 Pc. Set 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



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

In Durable Pouch



10893 ESD Safe TORX® Interchangeable Blade Set

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

Item 

No. 10893 lbs. .70

TORX®: T6, T7, T8, T9, T10, T15, T20, T25



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

In Durable Pouch



10895 ESD Safe Interchangeable Combo Blade Set

11 Pc. Set 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"

Won't damage sensitive parts

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

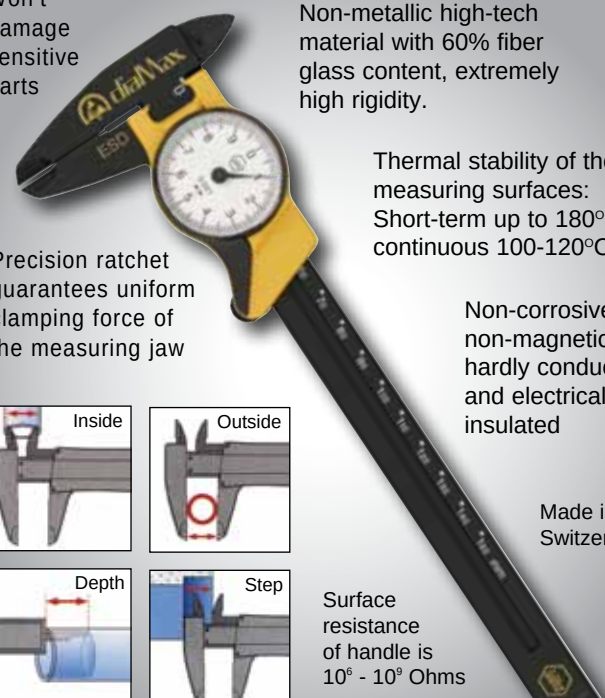
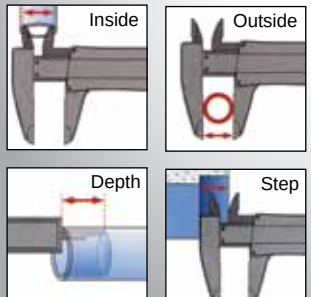
Thermal stability of the measuring surfaces:
Short-term up to 180°C,
continuous 100-120°C

Precision ratchet guarantees uniform clamping force of the measuring jaw

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

Made in Switzerland

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

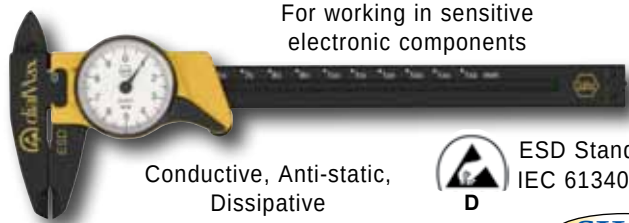



ESD Safe Dial Caliper DialMax - Metric/Inch

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 and 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





10820 ESD Safe Dissipative Dynamic Handle, Conductive, High Quality Plastic, Impact Resistant. Advantages:

- Accepts all Drive-Loc VI blades
- Surface resistant 10^6 to 10^9 ohms 
- Safe for working on ESD sensitive parts
- Collet lock holds blade securely in place

Item						
No.	mm	mm	Inch	mm	Inch	lbs.
10820	6.0	135	5.3	15.2	.60	.16

Wiha Drive-Loc VI Handle & Blades

Locking mechanism in SoftFinish cushion grip handle

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

Adjust interchangeable blades from 40 to 120mm (1.7 to 4.7")



Surface resistance of handle is 10⁶ - 10⁹ Ohms

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

Wiha Drive-Loc VI Blades



281 Slotted Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish.

Over all blade length 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



281 Slotted & Phillips Drive-Loc VI Interchangeable

Blade High alloy CVM steel, through hardened, hard chrome finish.

Over all blade length 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



28112 Phillips Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish.

Over all blade length 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.

Over all blade length 150mm/5.9". Blades fit all Drive-Loc VI handles.

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



281 TORX Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish.

Over all blade length 150mm/5.9". Blades fit all Drive-Loc VI handles.

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



281 Security TORX Drive-Loc VI Interchangeable

Blade, high alloy CVM steel, through hardened, hard chrome finish.

Over all blade length 150mm/5.9". Blades fit all Drive-Loc VI handles.

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



281 Tri-Wing® Drive-Loc VI Interchangeable Blade

High alloy CVM steel, through hardened, hard chrome finish.

Over all blade length 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.

Over all blade length 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

Wiha Drive-Loc VI Blades



281 Ball End Hex & Hex Metric Drive-Loc VI Interchangeable

Blade High alloy CVM steel, through hardened, hard chrome finish. Ball end enables the user to work at angles up to 25°. Over all blade length 150mm/5.9". Blades fit 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

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

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

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

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



28137 Square Drive-Loc VI Interchangeable Blade

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

Item No.	Size + Size	lbs.	pkg.
28137	1 2	.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	mm	lbs.	pkg.
28156	3/16	150	.11	1
28157	7/32	150	.11	1
28158	1/4	150	.11	1
28159	9/32	150	.12	1
28160	5/16	150	.13	1
28161	11/32	150	.14	1
28162	3/8	150	.15	1
28163	7/16	150	.17	1
28164	1/2	150	.18	1



281 Drive-Loc VI Metric 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.	mm	mm	lbs.	pkg.
28168	4.0	150	.10	1
28169	4.5	150	.10	1
28170	5.0	150	.11	1
28171	5.5	150	.11	1
28172	6.0	150	.12	1
28173	7.0	150	.13	1
28174	8.0	150	.13	1
28177	9.0	150	.14	1
28175	10.0	150	.15	1
28176	11.0	150	.20	1



28144 Extension Blade For Drive-Loc VI Blades

High alloy CVM steel, through hardened, hard chrome finish. OAL blade length 6.5". Blades fit all Drive-Loc VI handles.

Item No.	mm	OAL	lbs.	pkg.
28144	6.0	165mm	.14	1

ESD Safe Adjustable TorqueControl Tools



Includes Certificate



285 ESD Safe TorqueVario-S, With Window Scale

EN ISO 6798, BS EN 26789, ASME B107.14M, +/- 6% Accuracy
Ergonomic multi-component handle, light and compact. Handle sizes proportioned to optimize torque range. Audible and perceptible click when torque setting has been attained. With Certificate of accuracy.

Item	Range					
No.	Inch lbs.	Increments	mm	lbs.	pkg.	Repeatable
28522*	15 - 80(in/oz)	2.5 Inch oz	122 - 127	.33	1	+/- 10%
28524	5 - 10	.2 Inch lbs	122 - 127	.34	1	+/- 6%
28526	7.5 - 20	.5 Inch lbs	126 - 131	.42	1	+/- 6%

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

Each TorqueVario handle has unique serial number and certificate of calibration



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



With Certificate of Calibration +/- 6%



28591 Set 24 Pcs. ESD Safe Adjustable TorqueVario-S Bit Set

Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes ergonomic multi-component adjustable TorqueVario-S handle, 21 Micro Bits, non-magnetic Micro Bit holder and Torque adjustment tool, packed in a compact durable storage box.

Item No.		
28591	Slotted: 1.5, 2.0, 3.0, 4.0mm Phillips: #00, #0, #1 TORX®: T6, T7, T8, T9, T10, T15 Hex Inch: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	lbs. 1.31
28524	Handle ESD Safe Range 5 - 10 Inch lbs.	

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



28592 Set 24 Pcs. ESD Safe Adjustable TorqueVario-S Bit Set

Certified to EN ISO 6798, BS EN 26789, ASME B107.14M.

Item No.		
28592	Slotted: 1.5, 2.0, 3.0, 4.0mm Phillips: #00, #0, #1 TORX®: T6, T7, T8, T9, T10, T15 Hex Inch: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	lbs. 1.31
28526	Handle ESD Safe Range 7.5 - 20 Inch lbs.	

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



288 ESD Safe Slotted Interchangeable Blades For TorqueVario-S

Slotted tip blades on narrow 5/32 Hex shafts. High alloy chrome-vanadium-molybdenum steel, hardened, satin hard chrome finish.

Item					Max. Torque	
No.	mm	Inch	mm	lbs.	Nm	pkg.
28801	1.5	.059	175	.07	0.15	1
28803	2.0	.078	175	.07	0.4	1
28805	3.0	.118	175	.07	0.6	1
28807	3.5	.139	175	.07	1.1	1
28809	4.0	.157	175	.07	2.5	1



288 ESD Safe Phillips Interchangeable Blades For TorqueVario-S

Phillips tip blades on narrow 5/32 Hex shafts. High alloy chrome-vanadium-molybdenum steel, hardened, satin hard chrome finish.

Item					Max. Torque	
No.	Size	mm	mm	lbs.	Nm	pkg.
28810	000	175	4.0	.07	0.4	1
28812	00	175	4.0	.07	0.4	1
28814	0	175	4.0	.07	0.9	1
28816	1	175	4.0	.07	3.8	1



288 ESD Safe TORX® Interchangeable Blades For TorqueVario-S

TORX® tip blades on narrow 5/32 Hex shafts. High alloy chrome-vanadium-molybdenum steel, hardened, hard chromed.

Item					Max. Torque	
No.	Size	mm	mm	lbs.	Nm	pkg.
28825	T5	175	4.0	.07	0.4	1
28826	T6	175	4.0	.07	0.6	1
28827	T7	175	4.0	.07	0.9	1
28828	T8	175	4.0	.07	1.3	1
28829	T9	175	4.0	.07	2.5	1
28830	T10	175	4.0	.07	3.8	1



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

With Certificate of Calibration +/- 10%



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

Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes ergonomic multi-component adjustable TorqueVario-S handle, 21 Micro Bits, non-magnetic Micro Bit holder and Torque adjustment tool. Packed in a compact durable storage box.

Item No.		
28890	Slotted: 1.5, 2.0, 3.0, 4.0mm Phillips: #00, #0, #1 TORX®: T6, T7, T8, T9, T10, T15 Hex Inch: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	lbs. 1.33
28522	ESD Safe Handle Range 15-80 Inch/oz.	

Wiha ESD Safe Pliers & Cutters

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



Beveled Cutter



Semi-Flush Cutter



Flush Cutter



Ultra Full Flush

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

ESD standard IEC 61340-5-1

Welded double leaf spring

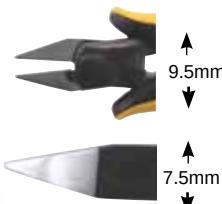
Hardened & annealed high carbon tool steel, induction hardened cutting edges

Two component handle with non-slip soft grip surface, protects the hand and reduces manual effort & user fatigue




Precision Cutters Tapered Head

Semi Flush



32703 Precision Cutters, Small Tapered Head, Semi Flush

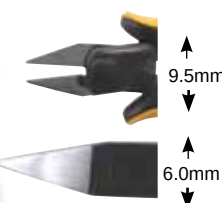
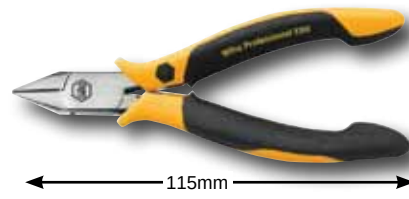
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

32703	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	9.5mm	1	.19



Precision Cutters Tapered Head

Flush



32705 Precision Cutters, Small Tapered Head, Flush

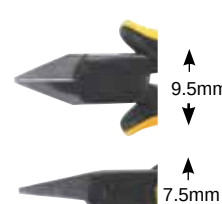
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

32705	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	9.5mm	1	.19



Precision Cutters Tapered Head

Semi Flush



32702 Precision Cutters, Small Tapered Head With Hollow Ground Back, Semi Flush

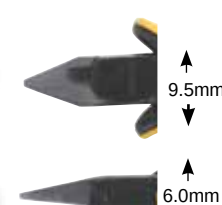
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

32702	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	9.5mm	1	.19



Precision Cutters Tapered Head

Flush



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. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

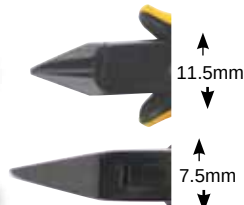
32704	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	9.5mm	1	.19



Wiha ESD Safe Pliers & Cutters

Precision Cutters Wide Tapered Head

Bevel



32706 Precision Cutters, Wide Tapered 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. ESD standard IEC 61340-5-1

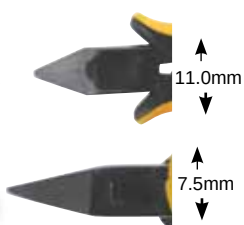
32706	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.4	11.0mm	1	.20

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



Precision Cutters Wide Tapered Head

Flush



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. ESD standard IEC 61340-5-1

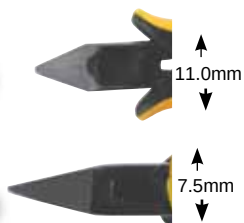
32708	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.2	11.0mm	1	.19

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



Precision Cutters Wide Tapered Head

Full Flush



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. ESD standard IEC 61340-5-1

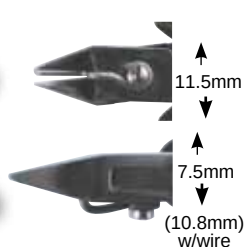
32710	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	11.0mm	1	.23

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



Precision Cutters Wide Tapered Head

Flush



32711 Precision Cutters, Wide Tapered Head With Wire Trapping Device, 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. ESD standard IEC 61340-5-1

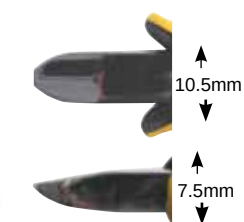
32711	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.2	11.0mm	1	.19

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



Precision Cutters Slim Oval Form

Flush



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. ESD standard IEC 61340-5-1

32712	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	10.5mm	1	.23

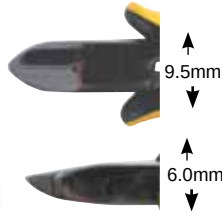
Surface resistance of handles is $10^6 - 10^9$ Ohms



Wiha ESD Safe Pliers & Cutters

Precision Cutters Slim Oval Form

Full Flush



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. ESD standard IEC 61340-5-1

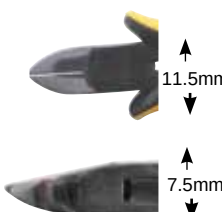
32714	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	10.0mm	1	.23

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



Precision Cutters Slim Oval Form

Bevel



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. ESD standard IEC 61340-5-1

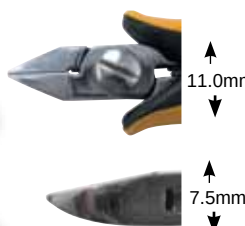
32716	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.4	11.0mm	1	.19

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



Precision Cutters Wide Oval Form And Carbide Edge

Bevel



32718 Precision Cutters, Wide Oval Head Carbide Cutting Edges, Bevel

Cutters drop-forged for an ideal material structure. Precise aligned carbide cutting edge. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

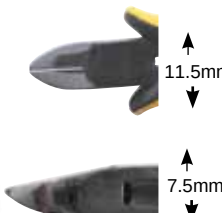
32718	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	110	4 3/8	1.6	11.0mm	1	.20

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



Precision Cutters Wide Oval Form

Flush



32720 Precision Cutters, Wide 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. ESD standard IEC 61340-5-1

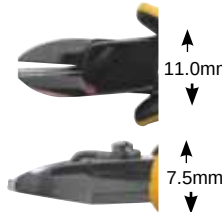
32720	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.2	11.0mm	1	.19

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



Precision Cutters Wide Oval Form

Flush



32721 Precision Cutters, Wide Oval Head With Wire Trapping Device, 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. ESD standard IEC 61340-5-1

32721	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.2	11.0mm	1	.23

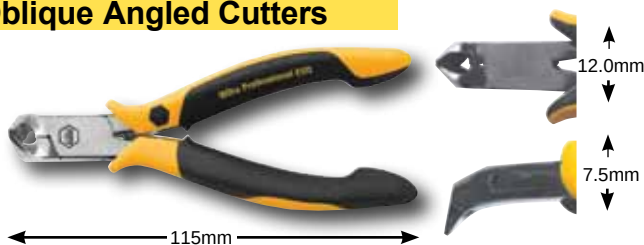
Surface resistance of handles is $10^6 - 10^9$ Ohms



Wiha ESD Safe Pliers & Cutters

Oblique Angled Cutters

Flush



32722 Oblique Angled Cutters, 29°, 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. ESD standard IEC 61340-5-1

32722	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.2	12.0mm	1	.24

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



Oblique Angled Cutters

Ultra Full Flush



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. ESD standard IEC 61340-5-1

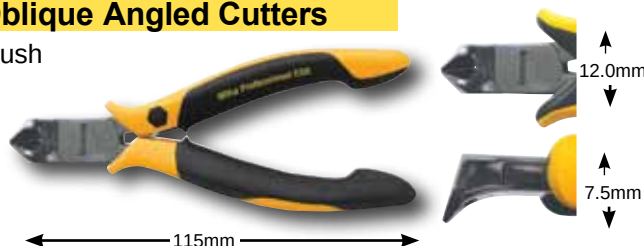
32724	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.0	12.0mm	1	.24

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



Oblique Angled Cutters

Semi Flush



32726 Oblique Angled Cutters, 29°, Short Head, Semi 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. ESD standard IEC 61340-5-1

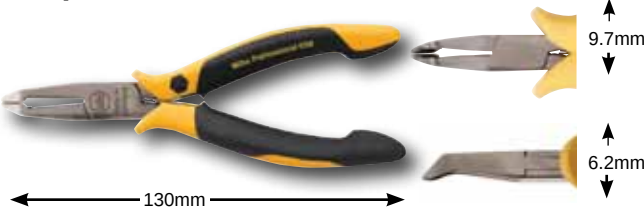
32726	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.2	12.0mm	1	.24

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



Oblique Front Cutters

Flush



32728 Oblique Front Cutters, Very Small Head, 40°, 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. ESD standard IEC 61340-5-1

32728	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	130	5.1	0.6	8.5mm	1	.21

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



ESD Safe Tool Set In Canvas Pouch



32793 11 Pc. Set, 4 ESD Safe Pliers, Slotted & Phillips

Screwdrivers Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. ESD standard IEC 61340-5-1

32793 11 piece ESD Safe Pliers & Slotted/Phillips Precision Drivers

Set in custom case includes:

ESD Safe Pliers & Cutters

4.5" Tapered Flush Cutters	4.5" Snipe Nose Pliers
4.375" Oblique Cutters	5.7" Long Nose Pliers

ESD Safe Precision Screwdrivers

Slotted 2.0 x 40mm	Phillips #00 x 40mm
Slotted 2.5 x 50mm	Phillips #0 x 50mm
Slotted 3.0 x 50mm	Phillips #1 x 60mm
Slotted 3.5 x 60mm	

lbs. 2.43

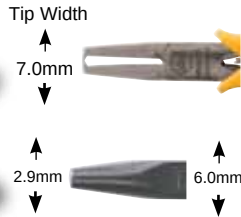
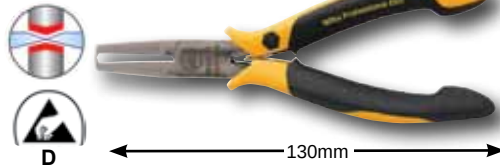
Surface resistance of handles is $10^6 - 10^9$ Ohms



Wiha ESD Safe Pliers & Cutters

End Cutters Extra Slim

Semi Flush



32732 End Cutters, Extra Slim, Semi 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. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

32732	mm	Inch	Copper	Tip Wdth	Pkg.	wt.
	130	5.1	0.6	4.1mm	1	.16

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



End Cutters Wide Head

Flush



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. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

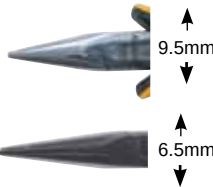
32734	mm	Inch	Copper	Head Wdth	Pkg.	wt.
	115	4.5	1.4	11.0mm	1	.18

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



ESD Safe Pliers

Short Snipe Nose



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. ESD standard IEC 61340-5-1

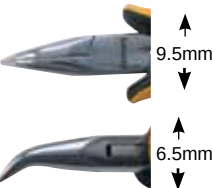
32742	mm	Inch	Head Wdth	Pkg.	wt.
	120	4 3/4	9.5mm	1	.20

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



ESD Safe Pliers

Bent Snipe Nose 45°



32744 ESD Safe Pliers, Snipe Nose (Chain Nose) Bent 45°, Smooth Jaws

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

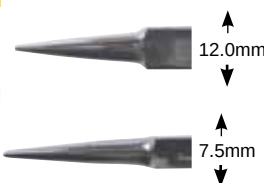
32744	mm	Inch	Head Wdth	Pkg.	wt.
	120	4 3/4	9.5mm	1	.20

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



ESD Safe Pliers

Long Needle Nose



32746 ESD Safe Pliers, Long Needle Nose Pliers, 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. ESD standard IEC 61340-5-1

32746	mm	Inch	Head Wdth	Pkg.	wt.
	145	5 3/4	12.0mm	1	.27

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



Wiha ESD Safe Pliers & Cutters

ESD Safe Pliers

Needle Nose, Bent 90°



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. ESD standard IEC 61340-5-1

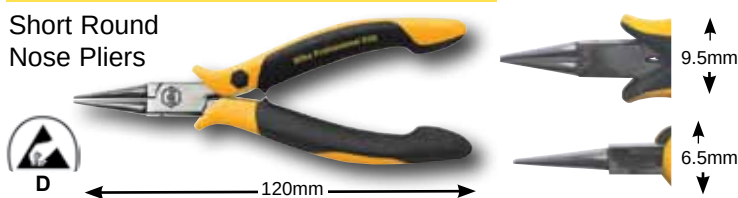
32748	mm	Inch	Head Wdth	Pkg.	wt.
	145	5 3/4	12.0mm	1	.21

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



ESD Safe Pliers

Short Round Nose Pliers



32750 ESD Safe Pliers, Short Round Nose Pliers, Smooth Jaws

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

32750	mm	Inch	Head Wdth	Pkg.	wt.
	120	4 3/4	9.5mm	1	.17

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



ESD Safe Pliers

Short Flat Nose Pliers



32752 ESD Safe Pliers, Short Flat Nose Pliers, Smooth Jaws

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

32752	mm	Inch	Head Wdth	Pkg.	wt.
	120	4 3/4	9.5mm	1	.16

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



ESD standard
IEC 61340-5-1



32790 4 Piece ESD Safe Pliers Set In Custom Case

Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. ESD Safe Dissipative.

32790 4 piece ESD Safe Pliers Set Includes:

4.5" Wide Oval Side Cutters	5.75" Long Nose Pliers
4.75" Flat Nose Pliers	4.375" Oblique Front Cutters

🔧 lbs. 2.06

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



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



ESD standard
IEC 61340-5-1

32791 11 Pc. Set, 4 ESD Safe Pliers, SYSTEM 4 Slotted & Phillips 5 Pc. Set & 2 ESD Safe Tweezers

Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. ESD Safe Precision handle & 4 CVM tool steel blades. Tweezers anti-static conductive, ESD Safe Hypo allergenic, anti-magnetic stainless.

32791 11 piece ESD Safe Pliers, Tweezers & SYS 4 precision Set in custom case includes:

ESD Safe Pliers & Cutters

4.5" Wide Oval Side Cutters	5.75" Long Nose Pliers
4.75" Flat Nose Pliers	4.375" Oblique Front Cutters

SYSTEM 4 Set in separate pouch

ESD Safe Conductive Precision Handle

Slotted: 1.5, 2.0, 3.0 & 4.0 Phillips: 000, 00, 0 & 1

ESD Safe Tweezers: 44501 AA SA ESD & 44510 7a SA ESD

🔧 lbs. 2.43



protur

Glare free
black finish

Hardened steel
return spring

Tested ESD Safe handle
with non-slip soft grip surface,
protects the hand & reduces
manual effort & user fatigue

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

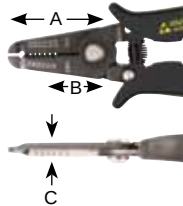
ESD standard
IEC 61340-5-1



ESD Safe Wire Stripper



protur



45810 Protur ESD Safe Wire Stripper

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

Strips 0.2, 0.3, 0.4, 0.5, 0.6, 0.8mm

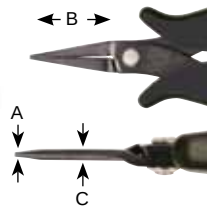
45810	mm	Inch	Strips AWG	A	B	C	Pkg.	wt.
	165	6.5	30 to 20	30mm	12mm	4mm	1	.25



ESD Safe Long Nose Pliers



protur



45811 Protur ESD Safe Long Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

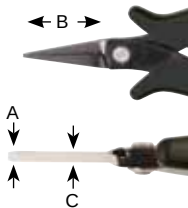
45811	mm	Inch	A	B	C	Pkg.	wt.
	160	6.3	2mm	30mm	3mm	1	.18



ESD Safe Flat Nose Pliers



protur



45812 Protur ESD Safe Flat Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

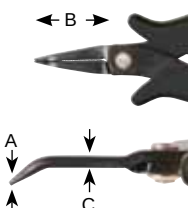
45812	mm	Inch	A	B	C	Pkg.	wt.
	160	6.3	2mm	32mm	3mm	1	.18



ESD Safe Bent Nose Pliers



protur



45813 Protur ESD Safe Bent Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

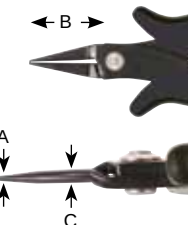
45813	mm	Inch	A	B	C	Pkg.	wt.
	152	6.0	2mm	30mm	4mm	1	.18



ESD Safe Round Nose Pliers



protur



45814 Protur ESD Safe Round Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

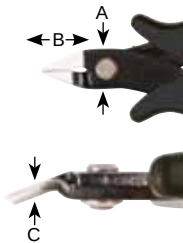
45814	mm	Inch	A	B	C	Pkg.	wt.
	152	6.0	2mm	22mm	3mm	1	.17



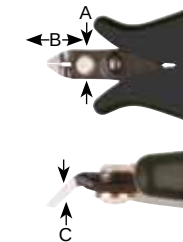
Surface resistance of handles is $10^6 - 10^9$ Ohms

Wiha ESD Safe Protturn Pliers & Cutters

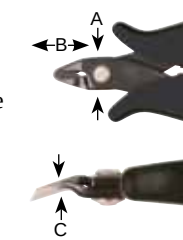
ESD Safe Diagonal Cutter



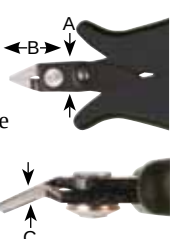
ESD Safe Diagonal Cutter



ESD Safe Diagonal Cutter



ESD Safe Diagonal Cutter



ESD Safe Diagonal Cutter



protturn



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



ESD standard IEC 61340-5-1



Protturn ESD Safe 21° Precision Cutters/Flush Cut

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

mm	Inch	AWG	A	B	C	Pkg.	wt.
127	5.0	18/1mm	13mm	12mm	3mm	1	.16



Protturn ESD Safe 45° Precision Cutters/Flush Cut

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

mm	Inch	AWG	A	B	C	Pkg.	wt.
127	5.0	18/1mm	10mm	9mm	2mm	1	.14



Protturn ESD Safe 21° Precision Cutters/Flush Cut

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

mm	Inch	AWG	A	B	C	Pkg.	wt.
140	5.5	16/1.3mm	13mm	12mm	3mm	1	.15



Protturn ESD Safe 21° Precision Cutters/Flush Cut

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

mm	Inch	AWG	A	B	C	Pkg.	wt.
133	5.25	14/1.6mm	10mm	10mm	2mm	1	.14



Protturn ESD Safe 45° Precision Cutters/Flush Cut

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

mm	Inch	AWG	A	B	C	Pkg.	wt.
140	5.5	14/1.6mm	13mm	12mm	2.5mm	1	.16

26 Pc. Set, Protturn ESD Safe Pliers, Precision Slotted & Phillips Screwdrivers, Precision Micro Bit Set & ESD Safe Tweezers

26 Piece ESD Safe Pliers, Precision Screwdrivers, Micro Bit Set & ESD Tweezer In Custom Case Includes:

ESD Safe Protturn Strippers, Pliers & Cutters

45810 6.5" Wire Stripper 45811 6.3" Long Nose Pliers
45813 6.0" Bent Nose Pliers 45823 5.25" 21° Precision Cutters

ESD Safe Slotted & Phillips Precision Screwdrivers

Slotted: 2.0, 2.5, 3.0mm Phillips: 0, 1

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

Hex: .71, .89, 1.27, 1.5, 2.0, 2.5, 3.0 Torx: T4, T5, T6, T7, T8, T9, T10

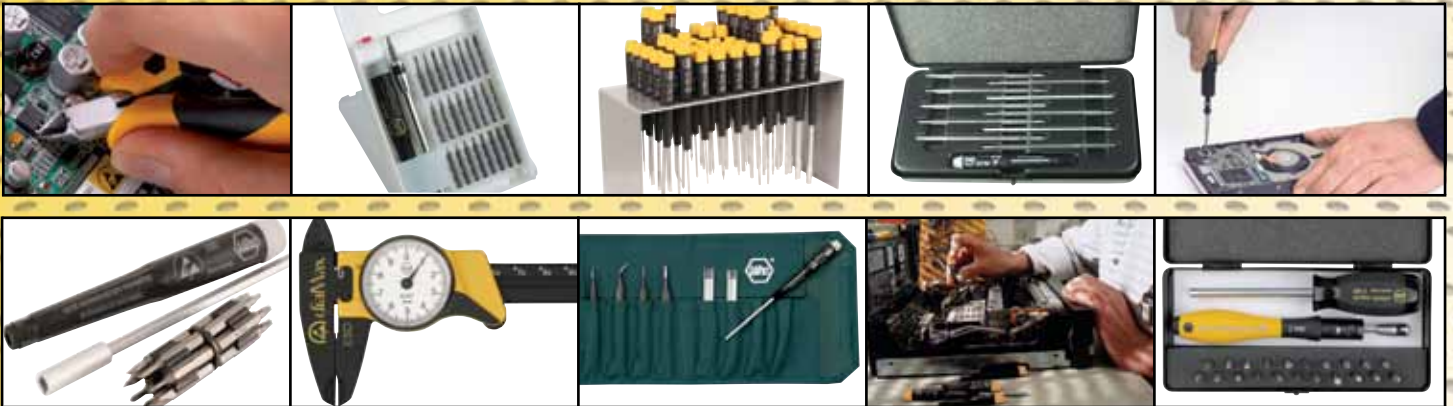
ESD Safe Tweezer: 44532 00 SA ESD - 120mm Heavy Duty Strong,

Tapered To Strong Point.

1 1/2 lbs. 2.05

Numerical Index by Item Number

Item No. Page	Item No. Page	Item No. Page	Item No. Page	Item No. Page	Item No. Page
10820 19	26988 13	27720 8	28119 21	32704 23	75332 14
10891 19	26989 13	27722 8	28120 21	32705 23	75340 14
10892 19	26990 12	27725 8	28122 21	32706 24	75342 14
10893 19	26991 12	27730 8	28123 21	32708 24	75350 14
10895 19	26992 12	27735 8	28124 21	32710 24	75352 14
26903 10	26993 12	27740 8	28126 20	32711 24	75354 14
26904 10	26995 13	27745 8	28127 20	32712 24	75356 14
26905 10	26996 13	27750 8	28128 20	32714 25	75358 14
26911 10	26997 13	27755 8	28129 20	32716 25	75360 14
26912 10	26998 13	27760 8	28130 20	32718 25	75362 14
26913 10	26999 13	27790 8	28132 20	32720 25	75364 14
26914 10	27009 9	27791 8	28133 20	32721 25	75366 14
26915 10	27013 9	27801 6	28134 20	32722 26	75368 14
26916 10	27018 9	27802 6	28135 20	32724 26	75370 14
26917 10	27026 9	27803 6	28136 20	32726 26	75372 14
26918 10	27090 9	27804 6	28137 21	32728 26	75703 14
26919 10	27100 9	27805 6	28138 20	32732 27	75704 14
26920 10	27208 4	27811 6	28139 20	32734 27	75705 14
26921 10	27210 4	27817 6	28140 20	32742 27	75706 14
26922 10	27212 4	27823 6	28142 20	32744 27	75707 14
26923 10	27215 4	27829 6	28143 20	32746 27	75708 14
26924 10	27220 4	27835 6	28144 21	32748 28	75709 14
26925 10	27222 4	27841 6	28149 21	32750 28	75710 14
26926 10	27223 4	27847 6	28150 21	32752 28	75715 14
26927 10	27224 4	27850 6	28151 21	32790 28	75720 14
26928 10	27225 4	27851 6	28156 21	32791 28	75727 14
26929 10	27227 4	27852 6	28157 21	32793 26	75728 14
26932 10	27228 4	27853 6	28158 21	36200 18	75729 14
26933 10	27230 4	27854 6	28159 21	36204 18	75735 14
26934 10	27232 4	27855 6	28160 21	36206 18	75739 14
26935 10	27234 4	27856 6	28161 21	36208 18	75742 14
26936 10	27235 4	27857 6	28162 21	36209 18	75792 15
26937 10	27237 4	27890 6	28163 21	36218 18	75801 14
26938 11	27238 4	27894 6	28164 21	36219 18	75900 14
26939 11	27240 4	27899 6	28168 21	36224 18	75901 14
26940 11	27242 4	27920 9	28169 21	36260 18	75902 15
26941 11	27243 4	28000 10	28170 21	36289 18	75990 15
26942 11	27290 4	28001 10	28171 21	38701 17	75991 15
26943 11	27302 5	28002 11	28172 21	38790 17	75992 15
26944 11	27305 5	28003 11	28173 21	41105 19	75994 15
26945 11	27307 5	28004 11	28174 21	41106 19	75996 15
26946 11	27310 5	28005 11	28175 21	44590 12	91118 5,7,9
26947 11	27312 5	28006 11	28176 21	45810 29	92092 9
26948 11	27314 5	28007 11	28177 21	45811 29	
26949 11	27316 5	28008 11	28180 17	45812 29	
26950 11	27320 5	28009 11	28486 20	45813 29	
26951 11	27322 5	28010 11	28522 22	45814 29	
26952 11	27324 5	28011 11	28524 22	45820 30	
26953 11	27326 5	28012 11	28526 22	45821 30	
26954 11	27390 4	28013 11	28591 22	45822 30	
26955 11	27393 5	28014 11	28592 22	45823 30	
26956 11	27399 5	28015 11	28801 22	45824 30	
26957 11	27505 7	28016 11	28803 22	45890 30	
26958 11	27507 7	28017 11	28805 22	75008 14	
26959 11	27509 7	28021 10	28807 22	75012 14	
26960 11	27510 7	28023 10	28809 22	75015 14	
26961 11	27513 7	28024 10	28810 22	75018 14	
26962 11	27515 7	28025 10	28812 22	75020 14	
26963 11	27520 7	28026 10	28814 22	75025 14	
26964 11	27525 7	28027 10	28816 22	75030 14	
26965 11	27530 7	28028 10	28825 22	75035 14	
26966 11	27535 7	28029 10	28826 22	75040 14	
26967 11	27537 7	28033 10	28827 22	75093 16	
26968 11	27539 7	28034 10	28828 22	75094 16	
26969 11	27541 7	28035 10	28829 22	75095 16	
26971 10	27543 7	28036 10	28830 22	75096 16	
26972 10	27545 7	28037 10	28882 22	75105 14	
26973 10	27547 7	28080 12	28890 22	75110 14	
26974 10	27549 7	28094 12	30240 18	75115 14	
26975 11	27590 7	28106 20	30242 18	75120 14	
26976 11	27591 7	28107 20	30244 18	75307 14	
26977 11	27701 8	28108 20	30246 18	75309 14	
26978 11	27703 8	28109 20	30248 18	75313 14	
26979 11	27705 8	28110 20	30292 18	75315 14	
26980 11	27707 8	28112 20	31150 18	75320 14	
26981 11	27709 8	28114 20	31151 18	75322 14	
26982 11	27711 8	28116 21	31152 18	75325 14	
26985 11	27713 8	28117 21	32702 23	75327 14	
26987 13	27715 8	28118 21	32703 23	75330 14	



Catalog Item No. 99945
 version - 10/1/13

Subject to change
 without notice

©2013 Willi Hahn
 Corporation

®Torx is a registered trademark of
 Acument Intellectual Properties LLC.



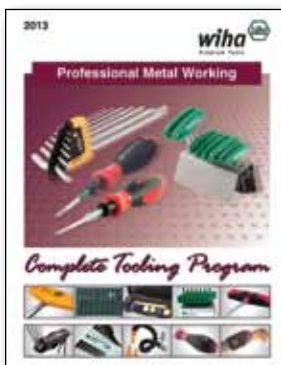
Wiha Quality Tools

1348 Dundas Circle
 Monticello, MN 55362
 tel: 763.295.6591
 fax: 763.295.6598

Wiha Tools Canada Ltd.

www.wihatools.ca
 Brampton, ONT L6T 4X4
 tel: 866.494.0096 or 763.295.6591
 fax: 763.295.6598

To:



91330.wi - Tooling Catalog



99004.wi - Shop Tools Catalog



99914.wi - TORX Catalog



99002.wi - Screwdrivers Catalog



99951.wi - Bits Catalog



99001.wi - TorqueControl Catalog



99934.wi - Hex Tools Catalog



99919.wi - Insulated Catalog



99006.wi - Tech Tools Catalog



99977.wi - Pliers/Crimpers Catalog