



# Complete Tech Tools Program




## Professional Tech Tools







### Wiha Precision Screwdrivers

	Description	Page
	Precision Slotted Drivers	4-5
	Precision Phillips Drivers	5
	Precision Pozidriv® Drivers	6
	Precision Hex Drivers	6
	Precision Ball End Drivers	7
	Precision Nut Drivers	8
	Precision Torx® Drivers	9
	Precision Chip Lifters	9


### Wiha Magnetizer/Demagnetizer

	Description	Page
	Torque Cable Keys	7


### Wiha Precision Screwdriver Accessories

	Description	Page
	Precision Master Tech Set	9
	Precision Pocket Clip	9
	Precision Stand	9
	Precision Pouch	8,13

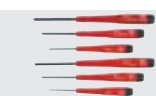
### Wiha Precision PicoFinish Drivers

	Description	Page
	PicoFinish Screwdrivers	10-13
	Slotted, Phillips, Torx,	
	TorxPlus, Hex, MagicSpring,	
	Ball End Hex, Chip Lifter &	
	Nut Drivers	


### Wiha Magnetizer/Demagnetizer

	Description	Page
	Magnetizer/Demagnetizer	13



### Wiha Precision Protturn Drivers

	Description	Page
	Protturn Drivers & Blade Sets	14
	Slotted, Phillips, Torx, Chip Lifter	




### Wiha ESD Safe Precision Handles/Blades

	Description	Page
	SYSTEM 4 Handles/Blades	15-16
	SYSTEM 4 Sets	17-19









### Wiha ESD Safe Precision Handle & Blades

	Description	Page
	SYSTEM 4 Drive-Loc Handle & Blades	17
	SYSTEM 4 Drive-Loc Set	17
















### ESD Safe Micro Bit Handles, Bits & Sets

	DESCRIPTION	Page
	Micro Bits Handles/Bits/Sets	20-22
	ESD Safe Micro Bit Sets	23
	Micro Bit Storage Handle Sets	23







### Precision Electronic Pliers/Cutters

	Description	Page
	Electronic Diagonal Cutters Wide Pointed Head	24
	Electronic Diagonal Cutters Wide Shape w/Wire Holding Spring	24
	Electronic Diagonal Cutters Narrow Shape	24
	Electronic Diagonal Cutters Full Flush Cutters w/Wire Trapping Spring	25
	Electronic Diagonal Cutters 48° Front Cutter/Long Nose Pliers	25
	Electronic Diagonal Cutters Oblique 30° Cutting Nippers	25
	Electronic Diagonal Cutters Short Nose Precision Pliers	25
	Electronic Stripping Pliers	25

**Wiha Professional Tweezers**

	Description	Page
	ESD Safe Tweezers	26-28
	Standard Tweezers	29-31
	SMD Tweezers	31
	Long Tweezers w/Long Tips	31
	Super Thin Tweezers	31
	Wafer Tweezers	32
	Cutting Tweezers	32
	Guide Pin Tweezers	33
	Self Closing Tweezers	34
	Microscopy Tweezers	35
	Isolated Tweezers	35
	Inspection Mirrors	36
	All Stainless Hooks	36
	All Stainless Excavators	37
	All Stainless Probes	37

**Wiha Stripping Tools**

	Description	Page
	Self Adj. Cut & Strip Tools	38
	Adjustable Cable Stripper	39
	Adjustable Stripping Tool	39
	CATV/Satellite Stripper	39
	2 Step Stripping Tools	40
	3 Step Stripping Tools	41

**Wiha ESD Safe Tech Tools**

- ESD Safe Precision Drivers  
Slotted/Phillips/Torx®/  
TorxPlus®/Hex/Nut Drivers/  
Chip Lifter
- ESD Safe Ceramic Drivers
- ESD Safe SYSTEM 4  
Handles/Blades/Sets
- ESD Safe Drive-Loc  
Handles/Blades/Sets
- ESD Safe Pliers & Cutters



**Wiha Long Life Precision Series**



**260 Slotted Screwdriver, With Precision Handle**

Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	mm	Inch	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
26008	.80	1/32	40	1.6	0.16	.01	120	4.7	.02	10
26010	1.0	.039	40	1.6	0.18	.01	120	4.7	.02	10
26012	1.2	3/64	40	1.6	0.20	.01	120	4.7	.02	10
26015	1.5	1/16	40	1.6	0.25	.01	120	4.7	.02	10
26018	1.8	.070	40	1.6	0.30	.01	120	4.7	.02	10
26020	2.0	5/64	40	1.6	0.40	.02	120	4.7	.02	10
26022	2.0	5/64	50	2.0	0.40	.02	145	5.7	.02	10
26023	2.0	5/64	100	3.9	0.40	.02	180	7.1	.03	10
26025	2.5	3/32	50	2.0	0.40	.02	145	5.7	.03	10
26027	2.5	3/32	100	3.9	0.40	.02	195	7.7	.03	10
26028	2.5	3/32	150	6.0	0.40	.02	245	9.6	.04	10
26030	3.0	1/8	50	2.0	0.50	.02	145	5.7	.03	10
26032	3.0	1/8	60	2.4	0.50	.02	170	6.7	.04	10
26033	3.0	1/8	100	3.9	0.50	.02	210	8.3	.04	10
26034	3.0	1/8	150	5.9	0.50	.02	260	10.2	.05	10
26035	3.5	9/64	60	2.4	0.60	.02	170	6.7	.05	10
26040	4.0	5/32	60	2.4	0.80	.03	170	6.7	.05	10
26041	4.0	5/32	100	3.9	0.80	.03	210	8.3	.06	10
26042	4.0	5/32	150	5.9	0.80	.03	260	10.2	.07	10

\*Metric dimensions actual - Inch dimensions approximate

**Rotating cap**

for precise turning and control with fingertip

**Precision handle**

high quality plastic, cadmium free

**Molded on tapered handle**

allows rapid rotation

**High performance blades**

chrome-vanadium-molybdenum steel, Hard chrome finished

**Tip**

precision ground for exact fit, hard chromed non-slip surface



**26090 6 Piece Precision Slotted Set**

Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished.

Item No.		lbs.
26090	<b>Slotted:</b> 1.5, 2.0 x 40mm	.27
	2.5, 3.0 x 50mm	
	3.5, 4.0 x 60mm	



**26099 8 Piece Precision Slotted Set**

Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. In canvas storage pouch

Item No.		lbs.
26099	<b>Slotted:</b> 1.0, 1.2, 1.5, 2.0 x 40mm	
	2.5, 3.0 x 50mm, 3.5, 4.0 x 60mm	.54

**Wiha Precision Slotted/Phillips Drivers**



**261 Phillips Screwdriver, With Precision Handle**  
Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Size	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
26102	000	40	1.6	2.0	.08	120	4.7	.02	10
26100	00	40	1.6	2.0	.08	120	4.7	.02	10
26101	00	75	3.0	2.0	.08	155	6.1	.02	10
26105	0	50	2.0	3.0	.12	145	5.7	.02	10
26108	0	75	3.0	3.0	.12	170	6.7	.03	10
26107	0	100	3.9	3.0	.12	195	7.6	.05	10
26109	0	150	5.9	3.0	.12	245	9.6	.06	10
26110	1	60	2.4	4.0	.16	170	6.7	.05	10
26113	1	80	3.1	4.0	.16	190	7.5	.05	10
26114	1	100	3.9	4.0	.16	210	8.2	.06	10
26115	1	150	5.9	4.0	.16	260	10.2	.07	10

\*Metric dimensions actual - Inch dimensions approximate



**26092 7 Piece Precision Slotted & Phillips Set** Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Slotted:	lbs.
26092	2.5 x 50mm,	.30
	2.5, 3.0, 4.0 x 100mm	
	3.0, 4.0 x 150mm	
	<b>Phillips:</b>	
	0 x 75mm	



**26190 7 Piece Precision Slotted & Phillips Set** Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Slotted:	lbs.
26190	1.5 x 40mm	.31
	2.0, 2.5 x 50mm	
	3.0 x 60mm	
	<b>Phillips:</b>	
	00 x 40mm	
	0 x 50mm, 1 x 60mm	



**26194 4 Piece Precision Phillips Set** Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished.

Item No.	Phillips:	lbs.
26194	000, 00 x 40mm	.18
	0 x 50mm, 1 x 60mm	



In canvas storage pouch

**26199 8 Piece Precision Slotted/Phillips Set** Blade high alloy CVM steel, hard chrome finished.

Item No.	Slotted:	lbs.
26199	1.0, 2.0 x 40mm,	.55
	3.0 x 50mm, 4.0 x 60mm	
	<b>Phillips:</b> 000, 00 x 40mm,	
	0 x 50mm, 1 x 60mm	



**26192 5 Piece Precision Slotted & Phillips Set** Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Slotted:	lbs.
26192	2.5, 3.0, 4.0 x 150mm	.44
	<b>Phillips:</b>	
	0, 1 x 150mm	

**Wiha Pozidriv® Precision Series**



**262 Pozidriv® Screwdriver, With Precision Handle**

Blade high alloy chrome-vanadium-molybdenum steel.

Item	+	-	-	+	+	-	-	+	-
No.	Size	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
26205	0	50	2.0	3.0	.12	145	5.7	.03	10
26210	1	60	2.4	4.0	.16	170	6.7	.05	10

\*Metric dimensions actual - Inch dimensions approximate

**Wiha Hex Metric Precision Series**



**263 Metric Metric Hex Driver, With Precision Handle**

Metric sizes. Blade high alloy chrome-vanadium-molybdenum steel.

Item	+	+	-	-	-	-	+	-
No.	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
26307	.71	.028	40	1.6	120	4.7	.02	10
26309	.89	.035	40	1.6	120	4.7	.02	10
26313	1.27	.050	40	1.6	120	4.7	.02	10
26315	1.5	-	50	2.0	145	5.7	.03	10
26320	2.0	5/64	50	2.0	145	5.7	.03	10
26325	2.5	-	60	2.4	170	6.7	.04	10
26330	3.0	-	60	2.4	170	6.7	.04	10
26340	4.0	-	60	2.4	170	6.7	.05	10

\*Metric dimensions actual - Inch dimensions approximate

**Wiha Hex Inch Precision Series**



**263 Inch Inch Hex Driver, With Precision Handle**

Inch sizes. Blade high alloy chrome-vanadium-molybdenum steel.

Item	+	+	-	-	-	-	+	-
No.	Inch	mm	mm	Inch	mm	Inch	lbs.	pkg.
26307	.028	.71	40	1.6	120	4.7	.02	10
26309	.035	.89	40	1.6	120	4.7	.02	10
26313	.050	1.27	40	1.6	120	4.7	.02	10
26316	1/16	-	50	2.0	145	5.7	.03	10
26320	5/64	2.0	50	2.0	145	5.7	.03	10
26323	3/32	-	60	2.4	170	6.7	.04	10
26327	7/64	-	60	2.4	170	6.7	.04	10
26331	1/8	-	60	2.4	170	6.7	.04	10
26333	9/64	60	2.4	170	6.7	6.7	.05	10
26336	5/32	60	2.4	170	6.7	6.7	.05	10

\*Metric dimensions actual - Inch dimensions approximate



**26391 8 Pc. Precision Hex Driver Set - Inch** Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Hex Inch:	lbs.
26391	.028, .035, .050 x 1.6"	.32
	1/16, 5/64 x 2.0"	
	3/32, 7/64, 1/8 x 2.4"	



**26390 7 Pc. Precision Hex Driver Set - Metric** Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Hex Metric:	lbs.
26390	.71, .89, 1.27 x 40mm	.28
	1.5, 2.0 x 50mm	
	2.5, 3.0 x 60mm	

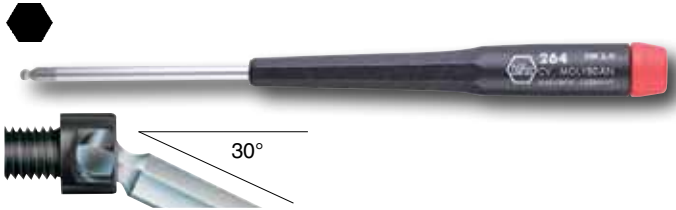


**26399 8 Piece Precision Hex Driver Set - Inch**

Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. In canvas storage pouch

Item No.	Hex Inch:	lbs.
26399	.028, .035, .050 x 1.6"	.55
	1/16, 5/64 x 2.0", 3/32, 7/64, 1/8 x 2.4"	

**Wiha Ball End Precision Series**

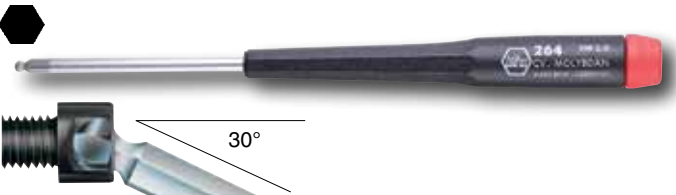


**264 Inch Ball End Hex Inch Screwdriver With Precision Handle**

Angle entry up to 30°. Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finish.

Item No.	Inch	mm	Inch	mm	Inch	lbs.	pkg.
26413	.050	40	1.6	120	4.7	.02	10
26416	1/16	50	2.0	145	5.7	.03	10
26419	5/64	50	2.0	145	5.7	.03	10
26423	3/32	50	2.0	145	5.7	.03	10
26427	7/64	60	2.4	170	6.7	.03	10
26431	1/8	60	2.4	170	6.7	.05	10
26436	9/64	60	2.4	170	6.7	.05	10
26439	5/32	60	2.4	170	6.7	.05	10

\*Metric dimensions actual - Inch dimensions approximate



**264 Metric Ball End Hex Metric Screwdriver With Precision Handle**

Angle entry up to 30°. Blade high alloy CVM steel.

Item No.	mm	Inch	mm	Inch	mm	Inch	lbs.	pkg.
26413	1.27	.050	40	1.6	120	4.7	.02	10
26415	1.5	-	50	2.0	145	5.7	.03	10
26420	2.0	-	50	2.0	145	5.7	.03	10
26425	2.5	-	60	2.4	170	6.7	.04	10
26430	3.0	-	60	2.4	170	6.7	.05	10
26440	4.0	-	60	2.4	170	6.7	.05	10

\*Metric dimensions actual - Inch dimensions approximate



**26491 5 Piece Ball End Hex Driver Set - Metric**

Angle entry up to 30°. Blade high alloy chrome-vanadium-molybdenum-steel.

Item No.	Ball End Hex Metric:	lbs.
26491	1.27 x 40mm	.25
	1.5, 2.0 x 50mm	
	2.5, 3.0 x 60mm	



**26490 8 Piece Ball End Hex Driver Set - Inch**

Angle entry up to 30°. Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Hex Inch:	lbs.
26490	.050 x 1.6"	.28
	1/16, 5/64, 3/32 x 2.0"	
	7/64, 1/8, 9/64,	
	5/32 x 2.4"	



**26499 8 Piece Ball End Hex Driver Set - Inch**

Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. In canvas storage pouch

Item No.	Ball End Hex Inch:	lbs.
26499	.050 x 1.6", 1/16, 5/64, 3/32 x 2.0"	.62
	7/64, 1/8, 9/64, 5/32 x 2.4"	

**Wiha Torque Cable Keys**



**286 Torque Cable Key For Threaded Hex Connectors**

For torque controlled fastening of cable plug connectors with Hex heads. Used with Wiha-TorqueControl Screwdrivers.

Item No.	Size	mm	mm	mm	Max Nm	pkg.	lbs.
28620	8mm	4.0	78	218	1.0	1	.06
28622	9mm	4.0	78	218	1.0	1	.06
28624	11mm	4.0	78	218	1.5	1	.06
28626	12mm	4.0	78	218	1.5	1	.06
28627	13mm	4.0	78	218	1.5	1	.06
28629	14mm	4.0	78	218	1.5	1	.06
28632	17mm	4.0	78	218	1.5	1	.06
28633	18mm	4.0	78	218	1.5	1	.06
28637	22mm	4.0	90	233	2.0	1	.10
28638	24mm	4.0	90	233	2.0	1	.10

**28644 Torque Cable Key For Threaded Hex Connectors - Inch**

Item No.	Size	mm	mm	mm	Max Nm	pkg.	lbs.
28644	1/2"	4.0	78	218	1.5	1	.06

**Wiha Nut Driver Precision Series**



**265 Metric Metric Nut Driver With Precision Handle**

Metric sizes. Blade CVM steel. Hard chrome finished.

Item	○	—	—	—	—	—	—	—	—
No.	mm	mm	Inch	mm	Inch	mm	mm	lbs.	pkg.
26510	1.5	60	2.4	140	5.5	2.5	3.0	.03	10
26515	1.8	60	2.4	140	5.5	2.9	3.5	.03	10
26520	2.0	60	2.4	140	5.5	3.2	4.0	.04	10
26525	2.5	60	2.4	155	6.1	4.0	4.0	.04	10
26530	3.0	60	2.4	155	6.1	5.0	5.0	.05	10
26532	3.2	60	2.4	155	6.1	5.0	5.0	.05	10
26535	3.5	60	2.4	155	6.1	5.3	6.0	.05	10
26540	4.0	60	2.4	155	6.1	5.5	6.0	.05	10
26545	4.5	60	2.4	155	6.1	6.2	7.0	.05	10
26550	5.0	60	2.4	155	6.1	6.8	7.0	.05	10
26555	5.5	60	2.4	170	6.7	7.6	8.0	.06	10
26560	6.0	60	2.4	170	6.7	8.2	9.0	.06	10
26570	7.0	60	2.4	170	6.7	9.6	10.0	.06	10

\*Metric dimensions actual - Inch dimensions approximate



**26590 8 Pc. Precision Nut Driver Set - Metric** Blade CVM steel.

Item No.	—	—
26590	<b>Metric Nut Drivers:</b>	lbs. .48
	2.5, 3.0, 3.5, 4.0, 4.5,	
	5.0, 5.5, 6.0 x 60mm	

**26592 Set 7 Pcs. Nut Driver Metric**

Item No.	26592	1.5, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0mm
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**26598 8 Pc. Precision Nut Driver Set - Metric**

Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. In canvas storage pouch

Item No.	—	—
26598	<b>Metric Nut Drivers:</b>	lbs. .70
	2.5, 3.0, 3.5, 4.0, 4.5, 5.0,	
	5.5, 6.0 x 60mm	



**265 Inch Inch Nut Driver With Precision Handle**

Inch sizes. Blade CVM steel. Hard chrome finished.

Item	○	—	—	—	—	—	—	—	—
No.	Inch	mm	Inch	mm	Inch	Inch	Inch	lbs.	pkg.
26523	3/32	60	2.4	155	6.1	.16	.16	.04	10
26527	7/64	60	2.4	155	6.1	.20	.20	.05	10
26531	1/8	60	2.4	155	6.1	.20	.20	.05	10
26536	9/64	60	2.4	155	6.1	.21	.24	.05	10
26539	5/32	60	2.4	155	6.1	.22	.24	.05	10
26547	3/16	60	2.4	155	6.1	.25	.28	.05	10
26556	7/32	60	2.4	170	6.7	.30	.32	.06	10
26563	1/4	60	2.4	170	6.7	.34	.36	.06	10

\*Metric dimensions actual - Inch dimensions approximate



**26591 8 Pc. Precision Nut Driver Set - Inch** Blade CVM steel.

Item No.	—	—
26591	<b>Inch Nut Drivers:</b>	lbs. 47
	3/32, 7/64, 1/8, 9/64, 5/32,	
	3/16, 7/32, 1/4" x 2.4"	



**26599 8 Pc. Precision Nut Driver Set - Inch**

Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. In canvas storage pouch

Item No.	Inch Nut Drivers:	—	—
26599	3/32, 7/64, 1/8, 9/64, 5/32,	lbs.	.72
	3/16, 7/32, 1/4" x 2.4"		

**Wiha Precision Chip Lifter**



**26810 Precision Chip Lifter**

Blade chrome-vanadium-molybdenum steel, hardened, chrome-plated. Precision handle high quality plastic, impact resistant. Standard handle

Item No.	—	—	—	—	—	—	—
	mm	mm	mm	mm	Inch	lbs.	pkg.
26810	1	3.5	50	145	5.7	.07	1

\*Metric dimensions actual - Inch dimensions approximate



**Wiha TORX® Precision Series**



**267 TORX® Screwdriver, With Precision Handle**

Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
26701	T1	40	1.6	120	4.7	.01	10
26702	T2	40	1.6	120	4.7	.02	10
26703	T3	40	1.6	120	4.7	.02	10
26704	T4	40	1.6	120	4.7	.02	10
26705	T5	40	1.6	120	4.7	.02	10
26706	T6	40	1.6	120	4.7	.02	10
26707	T7	40	1.6	120	4.7	.02	10
26708	T8	40	1.6	120	4.7	.03	10
26709	T9	50	2.0	145	5.7	.03	10
26710	T10	50	2.0	145	5.7	.03	10
26715	T15	60	2.4	170	6.7	.05	10
26720	T20	60	2.4	170	6.7	.05	10

\*Metric dimensions actual - Inch dimensions approximate



**26790 6 Pc. TORX® Screwdriver Set**

Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	TORX®:	lbs.
26790	T6, T7, T8 x 40mm	.30
	T9, T10 x 50mm	
	T15 x 60mm	

**26791 Set 8 Pcs. TORX® Screwdriver Set**

Item No. 26791 T1, T2, T3, T4, T5, T6, T7, T8



**26799 8 Pc. TORX® Screwdriver Set**

Blade high alloy chrome-vanadium-molybdenum steel.  
Hard chrome finished. In canvas storage pouch

Item No.	TORX®:	lbs.
26799	T3, T4, T5, T6, T7, T8 x 40mm	.50
	T9 x T10 x 50mm	



**26792 7 Pc. TORX® Screwdriver Set**

Blade high alloy chrome-vanadium-molybdenum steel.

Item No.	TORX®:	lbs.
26792	T5, T6, T7, T8 x 40mm	.33
	T9, T10 x 50mm	
	T15 x 60mm	



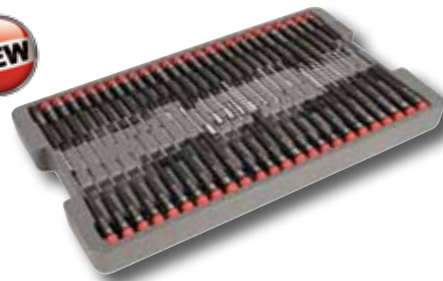
**92190 Master Technicians Bench Top Set**

Metal frame. Equipped with 50 precision drivers.

Item No.	Slotted:	Phillips:	TORX®:	Metric Hex:	Inch Hex:	Metric Nut Drivers:
92190	.8, 1.0, 1.2, 1.5, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0	#000, #00, #0, #1	T1, T2, T3, T4, T5, T6, T7, T8, T9, T10	1.27, 1.5, 2.0, 2.5, 3.0	.028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1.5, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5

lbs. 2.86

26810 Chip Lifter



**92191 51 Piece Precision Tool Tray Set**

Tool box tray. Equipped with 51 precision drivers.

Item No.	Slotted:	Phillips:	Torx®:	Metric Hex:	Inch Hex:	Metric Nut Drivers:
92191	.8, 1.0, 1.2, 1.5, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0	#000, #00, #0, #1	T1, T2, T3, T4, T5, T6, T7, T8, T9, T10	1.27, 1.5, 2.0, 2.5, 3.0, 4.0	.028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	1.5, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5

lbs. 3.14

26810 Chip Lifter



**26001 Pocket Clip for Precision Screwdrivers**

Tool clips turn Precision Screwdrivers into Pocket Screwdrivers.

Item No.	Fits all Precision handles	lbs.	pkg.
26001		.0035	1



**26000 Plastic Precision Tool Rack**

Rack holds 6 precision screwdrivers, can be set on workbench. Also has holes for hanging. Made from high quality plastic.

Item No.	Rack for 6 Precision screwdrivers	lbs.	pkg.
26000		.08	1

Wiha Soft Grip PicoFinish Precision Screwdrivers

The Comfortable Precision Screwdriver



Color coded symbols on rotating cap gives easy recognition of individual styles & sizes



CVM tool steel blade, hardened, hard chrome finish

Soft Grip Handle



Ergonomic multi-component handle with rotating cap for maximum user comfort and precise control



**260 Slotted Precision Screwdriver, With PicoFinish Handle**

Blade CVM steel, hardened, hard chromed.

Item No.	mm	Inch	mm	Inch	mm	Inch	Pkg.
26050	0.8	.03	40	1.6	134	5.3	10
26051	1.0	.04	40	1.6	134	5.3	10
26052	1.2	.05	40	1.6	134	5.3	10
26053	1.5	.06	40	1.6	134	5.3	10
26054	1.5	.06	60	2.4	154	6.1	10
26055	1.8	.07	40	1.6	134	5.3	10
26056	1.8	.07	60	2.4	154	6.1	10
26060	2.0	.08	40	1.6	140	5.5	10
26061	2.0	.08	60	2.4	160	6.3	10
26063	2.0	.08	100	3.9	200	7.9	10
26065	2.5	.09	50	2.0	150	5.9	10
26066	2.5	.09	75	3.0	175	6.9	10
26068	2.5	.09	100	3.9	200	7.9	10
26070	3.0	.13	50	2.0	150	5.9	10
26072	3.0	.13	100	3.9	200	7.9	10
26073	3.0	.13	150	5.9	250	9.8	10
26074	3.5	.14	60	2.4	160	6.3	10
26076	4.0	.16	60	2.4	160	6.3	10
26079	4.0	.16	100	3.9	200	7.9	10
26080	4.0	.16	150	5.9	250	9.8	10

\*Metric dimensions actual - Inch dimensions approximate



**26093 8 Pc. Slotted Precision Screwdriver Set, With Soft PicoFinish Handle**

In storage pouch

Item No.	Slotted:	lbs.
26093	.8, 1.2, 1.5, 2.0 x 40mm 2.5, 3.0 x 50mm, 3.5, 4.0 x 60mm	.54



**261 Phillips Precision Screwdriver, With Soft PicoFinish Precision Handle**

Blade high alloy chrome-vanadium-molybdenum steel. Hard chrome finished.

Item No.	Size	mm	Inch	mm	Inch	mm	Inch	pkg.
26130	000	40	1.6	2.0	.08	134	5.3	10
26132	00	40	1.6	2.0	.08	134	5.3	10
26133	00	60	2.4	2.0	.08	154	6.1	10
26135	0	50	2.0	3.0	.12	150	5.9	10
26136	0	75	3.0	3.0	.12	175	6.9	10
26140	1	60	2.4	4.0	.16	160	6.3	10
26142	1	80	3.1	4.0	.16	180	7.1	10
26145	1	150	5.9	4.0	.16	250	9.8	10

\*Metric dimensions actual - Inch dimensions approximate



**26193 8 Pc. Slotted & Phillips Precision Driver Set, With Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed. ChromTop finish on tip for a perfect fit. In storage pouch

Item No.	Slotted:	lbs.
26193	1.0, 1.5, 2.0 x 40mm 2.5 x 50mm, 3.5 x 60mm Phillips: 00 x 40mm 0 x 50mm, 1 x 60mm	.55

**Wiha Pico Soft Grip TORX®**



**267 TORX® Screwdriver, With Precision Soft PicoFinish Handle**

Blade high alloy chrome-vanadium-molybdenum tool steel, hardened, hard chrome finish.

Item No.	Size	mm	Inch	mm	Inch	pkg.
26732	T1	40	1.6	134	5.3	10
26733	T2	40	1.6	134	5.3	10
26735	T3	40	1.6	134	5.3	10
26736	T4	40	1.6	134	5.3	10
26737	T5	40	1.6	134	5.3	10
26739	T6	40	1.6	140	5.5	10
26741	T7	40	1.6	140	5.5	10
26743	T8	40	1.6	140	5.5	10
26745	T9	50	2.0	150	5.9	10
26747	T10	50	2.0	150	5.9	10
26749	T15	60	2.4	160	6.3	10
26751	T20	60	2.4	160	6.3	10

\*Metric dimensions actual - Inch dimensions approximate



**26793 8 Pc. TORX® Precision Driver Set, With Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed. ChromTop finish on tip for a perfect fit. In storage pouch

Item No.	TORX® :	lbs.
26793	T1, T2, T3, T4, T5, T6, T7, T8 x 40mm	.50



**26796 8 Pc. TORX® Precision Driver Set, Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed. ChromTop finish on tip for a perfect fit. In storage pouch

Item No.	TORX® :	lbs.
26796	T5, T6, T7, T8 x 40mm T9, T10 x 50mm, T15, T20 x 60mm	.57

**Wiha Pico Soft Grip Screw Holding**



**267 MagicSpring Screw Holding TORX® Screwdriver, With Wiha-Precision Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed. Molded on ergonomic Wiha-PicoFinish precision handle, molded on, soft grips.

Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
26721	T6	40	1.6	140	5.5	.03	10
26723	T7	40	1.6	140	5.5	.03	10
26725	T8	40	1.6	140	5.5	.03	10
26727	T9	50	2.0	150	5.9	.04	10
26729	T10	50	2.0	150	5.9	.04	10
26731	T15	60	2.4	160	6.3	.04	10

\*Metric dimensions actual - Inch dimensions approximate



**26798 6 Pc. MagicSpring Screw Holding TORX® Screwdriver Set, With Wiha-Precision Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed. Molded on ergonomic Wiha-PicoFinish precision handle, molded on, soft grips. In storage pouch

Item No.	MagicSpring TORX® :	lbs.
26798	T6, T7, T8 x 40mm T9, T10, T15 x 50mm	.45

**Pico Soft Grip Precision Chip Lifter**



**26815 Soft PicoFinish Precision Chip Lifter**

Blade chrome-vanadium-molybdenum steel, hardened, hard chromed.

Item No.	mm	mm	mm	mm	Inch	lbs.	pkg.
26815	1	3.5	50	150	5.9	.03	1

26815 Standard Soft PicoFinish handle



**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

**Pico Soft Grip Hex Inch & Metric**



**263 Hex Inch Screwdriver, With Precision Soft PicoFinish Handle**

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

Item No.	Inch	mm	Inch	mm	Inch	pkg.
26341	.028(.71)	40	1.6	134	5.3	10
26343	.035(.89)	40	1.6	134	5.3	10
26345	.050(1.27)	40	1.6	134	5.3	10
26349	5/64(2.0)	50	2.0	150	5.9	10
26363	1/16	50	2.0	144	5.7	10
26367	3/32	60	2.4	160	6.3	10
26369	7/64	60	2.4	160	6.3	10
26371	1/8	60	2.4	160	6.3	10

\*Metric dimensions actual - Inch dimensions approximate



In storage pouch

**26392 8 Piece Hex Inch Precision Driver Set, Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed.

Item No.	Hex Inch:	lbs.
26392	.028, .035, .050 x 1.6" 5/64, 1/16 x 2.0", 3/32, 7/64, 1/8 x 2.4"	.24



**263 Hex Metric Driver, With Precision Soft PicoFinish Handle**

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

Item No.	mm	mm	Inch	mm	Inch	pkg.
26341	.71(.028)	40	1.6	134	5.3	10
26343	.89(.035)	40	1.6	134	5.3	10
26345	1.27(.050)	40	1.6	134	5.3	10
26347	1.5	50	2.0	144	5.7	10
26349	2.0(5/64)	50	2.0	150	5.9	10
26351	2.5	60	2.4	160	6.3	10
26353	3.0	60	2.4	160	6.3	10

\*Metric dimensions actual - Inch dimensions approximate



In storage pouch

**26393 7 Piece Hex Metric Precision Driver Set, Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed.

Item No.	Hex Metric:	lbs.
26393	.71, .89, 1.27 x 40mm 1.5, 2.0 x 50mm, 2.5, 3.0 x 60mm	.22

**Pico Soft Grip Ball End Inch & Metric**



**264 Ball End Hex Inch Screwdriver, With Precision Soft PicoFinish Handle**

Blade high alloy chrome-vanadium-molybdenum tool steel, hardened, hard chrome finish.

Item No.	Inch	Inch	mm	Inch	mm	pkg.
26455	1/16	2.0	50	5.9	150	10
26457	5/64	2.0	50	5.9	150	10
26459	3/32	2.0	50	5.9	150	10
26461	7/64	2.4	60	6.3	160	10
26463	1/8	2.4	60	6.3	160	10
26465	9/64	2.4	60	6.3	160	10
26467	5/32	2.4	60	6.3	160	10

\*Metric dimensions actual - Inch dimensions approximate



**26493 7 Piece Inch Ball End Hex Precision Driver Set, With Soft PicoFinish Handle**

Blade high alloy CVM steel, hardened, hard chromed. ChromTop finish on tip for a perfect fit. In storage pouch

Item No.	Ball End Hex Inch:	lbs.
26493	1/16, 5/64, 3/32 x 2.0" 7/64, 1/8, 9/64, 5/32 x 2.4"	.27



**264 Ball End Hex Metric Screwdriver, With Precision Soft PicoFinish Handle**

Blade high alloy chrome-vanadium-molybdenum tool steel, hardened, hard chrome finish.

Item No.	mm	mm	Inch	mm	Inch	pkg.
26441	1.27	40	1.6	134	5.3	10
26443	1.5	50	2.0	150	5.9	10
26445	2.0	50	2.0	150	5.9	10
26447	2.5	60	2.4	160	6.3	10
26449	3.0	60	2.4	160	6.3	10

\*Metric dimensions actual - Inch dimensions approximate

**Pico Soft Grip Nut Drivers Inch & Metric**



**265 Inch Nut Drivers, With Precision Soft PicoFinish Handle**  
Blade high alloy chrome-vanadium-molybdenum tool steel, hardened, hard chrome finish.

Item No.	Inch	Inch	mm	Inch	mm	pkg.
26571	3/32	2.4	60	6.3	160	10
26572	7/64	2.4	60	6.3	160	10
26573	1/8	2.4	60	6.3	160	10
26574	9/64	2.4	60	6.3	160	10
26575	5/32	2.4	60	6.3	160	10
26576	3/16	2.4	60	6.3	160	10
26577	7/32	2.4	60	6.3	160	10
26578	1/4	2.4	60	6.3	160	10

\*Metric dimensions actual - Inch dimensions approximate



**26593 8 Piece Inch Nut Driver Set, With Precision Soft PicoFinish Handle** Blade high alloy CVM tool steel, hardened, hard chrome finish. Chrom-Top finish on tip for a perfect fit. In storage pouch

Item No.	Inch Nut Drivers:	lbs.
26593	3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4" x 2.4"	.72



**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



**265 Metric Nut Drivers, With Precision PicoFinish Handle**  
Blade high alloy chrome-vanadium-molybdenum tool steel, hardened, hard chrome finish.

Item No.	mm	mm	Inch	mm	Inch	pkg.
26579	1.5	60	2.4	160	6.3	10
26581	2.0	60	2.4	160	6.3	10
26582	2.5	60	2.4	160	6.3	10
26583	3.0	60	2.4	160	6.3	10
26584	3.5	60	2.4	160	6.3	10
26585	4.0	60	2.4	160	6.3	10
26586	4.5	60	2.4	160	6.3	10
26587	5.0	60	2.4	160	6.3	10
26588	5.5	60	2.4	160	6.3	10
26589	6.0	60	2.4	160	6.3	10

\*Metric dimensions actual - Inch dimensions approximate



**26596 8 Piece Metric Nut Driver Set, With Precision Soft PicoFinish Handle** Blade high alloy CVM tool steel, hardened, hard chrome finish. Chrom-Top finish on tip for a perfect fit.

In storage pouch

Item No.	Metric Nut Drivers:	lbs.
26596	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5 x 60mm	.66

**Wiha Magnetizer/Demagnetizer**

**Magnetize or Demagnetize tools and small parts instantly**

**Shatterproof Box** is made from high quality plastic

Uses 2 C8 industrial permanent magnets



(+) to Magnetize

(-) to Demagnetize

**40010 Magnetizer and Demagnetizer**

To magnetize and demagnetize steel screwdriver blades, tweezers and similar tools. Box high quality plastic, shock-resistant, green, cadmium free.

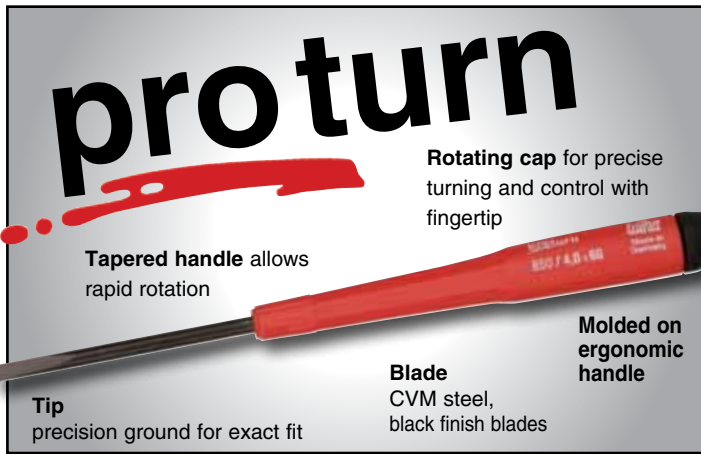
**Application:**

To magnetize, lead tool slowly through the (+) opening, to demagnetize guide tool slowly through the (-) opening.

Item No.	Dimensions	lbs.
40010	2.1" x 2.0" x 1.1"	.30

(Parts under 1" Length or 1/8" Diameter may not demagnetize)

**Wiha Protturn Precision Screwdrivers**



**pro turn**

Rotating cap for precise turning and control with fingertip

Tapered handle allows rapid rotation

Molded on ergonomic handle

Blade CVM steel, black finish blades

Tip precision ground for exact fit



**95190 6 Piece Slotted/Phillips Protturn Precision Screwdriver Set**  
Molded on precision handle. Blade high alloy chrome-vanadium-molybdenum tool steel, black finish.

Item No.	Slotted: mm	mm	Phillips: Size	mm	lbs.
95190	1.5mm	40	00	40	.27
	2.5mm	50	0	50	
	3.5mm	60	1	60	



**65090 9 Piece Slotted/Phillips Protturn Precision Screwdriver Set**  
Molded on precision handle. Blade high alloy chrome-vanadium-molybdenum tool steel, black finish.

Item No.	Slotted: mm	mm	mm	mm	Phillips: Size	mm
65090	1.5	40	3.0	60	00	40
	2.0	50	3.5	60	0	50
	2.5	60	4.0	60	1	60



**96800 Protturn Precision Chip Lifter**  
Molded on precision handle. Blade chrome-vanadium-molybdenum tool steel, hardened, black finish.

Item No.	Size	mm	mm	Inch	lbs.	pkg.
96800	1.0	50	145	5.7	.07	1



**62990 5 Piece Slotted & Phillips Pocket Pack Set** Wiha Protturn precision ball retainer handle & 4 Wiha interchangeable blades.

**62990 Set includes the following blades:**  
 ↓ ● Slotted: 1.5, 2.0, 3.0, 4.0  
 ⊕ Phillips: #000, #00, #0, #1  
 ↪ lbs. .15



**62993 9 Piece Slotted/Phillips/TORX® Work Station Set** Wiha Protturn precision ball retainer handle & 8 Wiha interchangeable blades.

**62993 Set includes the following blades:**  
 ↓ ● Slotted: 1.5, 2.0, 3.0, 4.0  
 ⊕ Phillips: #000, #00, #0, #1  
 ⚙ TORX®: T6, T7, T8, T9, T10, T15, T20  
 ↪ lbs. .64



**62995 22 Piece Slotted/Phillips/TORX®/Ball End Hex Inch & Metric Tech Pack** Wiha Protturn precision ball retainer handle & 21 Wiha interchangeable blades. Set in canvas storage pouch

**62995 Set includes the following blades:**  
 ↓ ● Slotted: 1.5, 2.0, 3.0, 4.0 ⊕ Phillips: #000, #00, #0, #1  
 ⚙ TORX®: T6, T7, T8, T9, T10, T15, T20  
 ● Hex Inch: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"  
 ● Hex Metric: 1.5, 2.0, 2.5, 3.0, 4.0mm  
 ↪ lbs. .87

**62994 14 Piece Inch/Metric Ball End Hex Work Tech Pack** Protturn precision ball retainer handle & 13 Wiha interchangeable blades.

**62994 Set includes the following blades:**  
 ● Hex Inch: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"  
 ● Hex Metric: 1.5, 2.0, 2.5, 3.0, 4.0mm  
 ↪ lbs. .66 Set in canvas storage pouch

**Wiha SYSTEM 4 Precision Handles and Blades**

**Rotating Cap**  
for precise turning & control

**Tapered Handle**  
allows rapid rotation, requires less clearance

**Blades**  
chrome-vanadium-molybdenum steel, hardened, hard chromed. On 4mm Hex shafts

**Tips**  
Exact fit, precision machined

**Precision Handle**  
high quality plastic, cadmium free. ESD Safe or Standard styles

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



**28000 ESD Safe Dissipative Precision Handle** with rotating control cap. Surface resistant 10<sup>6</sup>-10<sup>9</sup> 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.

**Advantages:**

- Use in ESD sensitive applications. Surface resistant 10<sup>6</sup>-10<sup>9</sup> 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



**26900 SYS 4 Standard Precision Handle**, with rotating control cap. Accepts all SYSTEM 4 interchangeable blades. Wiha Precision handle, tapered, impact resistant. Ball retainer hold. 110mm/4.3" OAL

Item	⊖	⊕	⊖	⊕	⊖
No.	mm	Inch	mm	Inch	lbs.
26900	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	



**26901 SYSTEM 4 Standard Precision Adjustable handle** with rotating control cap.

**Advantages:**

- Allows adjustable blade from 15 to 95mm.
- 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.
26901	4.0	.1574	14.0	.55	.06



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

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



**269 SYSTEM 4 Combined Slotted/Phillips Reversible Blade** High alloy CVM steel, hardened, hard chromed.

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 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 TORX Reversible Blade** High alloy CVM 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** High alloy CVM steel, hardened, Wiha vapor Chrome-Top finish on tips. 120mm/4.7" OAL

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

**Wiha SYSTEM 4 Precision Blades**



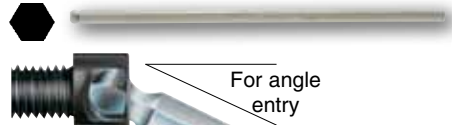
**269 SYSTEM 4 Inch Hex Sizes, Interchangeable Blade** High alloy CVM steel, hardened, corrosion protected.

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



**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



**280 SYSTEM 4 Inch 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.	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



**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



**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	



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

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 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	



**Wiha SYSTEM 4 Drive-Loc Precision Locking Tools**



**26961 ESD Safe Dissipative Precision Drive-Loc Handle**  
Surface resistant 10<sup>6</sup>-10<sup>9</sup> 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 blades

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






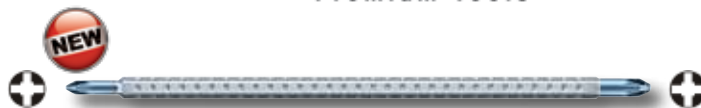
**269 SYSTEM 4 Phillips Drive-Loc Reversible Locking Blades**  
On 4mm Hex blades

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 blades

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




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

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

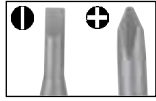
Item			
No.	mm	mm	lbs.
28009	1.5 + 1.8		.02
28010	2.0 + 2.5		.02
28011	3.0 + 3.0		.02
28012	3.2 + 3.2		.02
28013	3.5 + 3.5		.02
28014	4.0 + 4.0		.02
28015	4.5 + 4.5		.02
28016	5.0 + 5.0		.02
28017	5.5 + 5.5		.02



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

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


**Wiha Canvas Pouch Sets**





Canvas Pouch



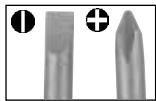
**26990 4 Piece Slotted & Phillips Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 3 Wiha interchangeable blades.

**26990 Set includes the following blades:**

-  **Slotted:** 2.0, 3.0, 4.0mm
-  **Phillips:** 00, 0, 1


 lbs. .17





Canvas Pouch




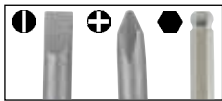
**26991 6 Piece Slotted & Phillips Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 5 Wiha interchangeable blades. In canvas pouch.

**26991 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







Canvas Pouch



**26992 17 Pc. Slotted, Phillips and Ball End Hex Metric/Inch Precision Interchangeable Blade Set**

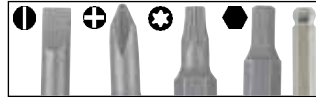
Wiha ESD Safe  precision collet lock handle and 15 Wiha interchangeable blades.

**26992 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

**Proturm Chip Lifter - #96800**


 lbs. .63








Canvas Pouch



**28080 22 Piece Slotted, Phillips, TORX® & Hex Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 20 Wiha interchangeable blades.

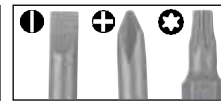
**28080 Set includes the following blades:**

-  **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"

**Proturm Chip Lifter - #96800**

 lbs. .33


**ESD Technicians Kit**  
Precision Screwdrivers & Tweezers






Canvas Pouch



**44590 12 Pc. Slotted, Phillips and TORX® Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle, 7 Wiha interchangeable blades & 4 ESD Safe Tweezers.

**44590 Set includes the following blades:**

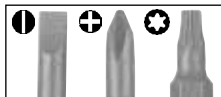
-  **Slotted:** 2.0, 3.0, 4.0mm
-  **Phillips:** 00, 0, 1
-  **TORX®:** T6, T7, T8, T9, T10, T15

**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**



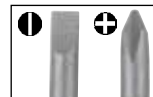
**28094 11 Piece Slotted, Phillips & TORX® Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 10 Wiha interchangeable blades.


**28094 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



**26993 6 Piece Slotted & Phillips Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 5 Wiha interchangeable blades.

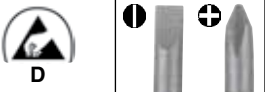
**26993 Set includes the following blades:**

-  **Slotted:** 1.5, 2.0, 2.5, 3.0, 3.5, 4.0mm
-  **Phillips:** 000, 00, 0, 1


 lbs. .87




**ESD Anti-Static Vinyl Pouch Set**




**28091 6 Piece Slotted & Phillips Precision Interchangeable Blade Set**

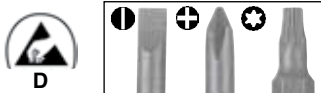
Wiha-ESD Safe  precision collet lock handle and 5 Wiha interchangeable blades.

**28091 Set includes the following blades:**


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

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

 **lbs.** .25





**28097 9 Piece Slotted, Phillips and TORX® Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 8 Wiha Interchangeable blades.

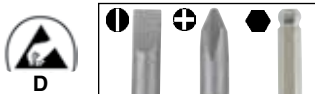
**28097 Set includes the following blades:**

 **Slotted:** 1.5, 2.0, 3.0, 4.0mm


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

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


 **lbs.** .33




**28084 13 Piece Slotted, Phillips and Ball End Hex Inch Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 12 Wiha interchangeable blades.

**28084 Set includes the following blades:**

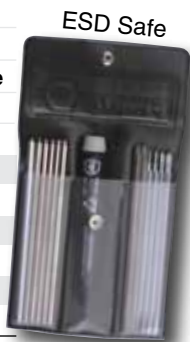
 **Slotted:** 1.5, 2.0, 3.0, 4.0mm

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

 **Ball End Hex Inch:** .050, 1/16,

5/64, 3/32, 7/64, 1/8, 9/64, 5/32"

 **lbs.** .44



**28087 8 Piece TORX® Precision Interchangeable Blade Set**


Wiha-ESD Safe  precision collet lock handle and 7 Wiha interchangeable blades.

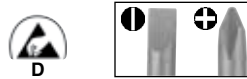
**28087 Set includes the following blades:**

 **TORX® Sizes on standard blades:** T3, T4, T5


 **TORX® Sizes on reversible blades:**

T6, T7, T8, T9, T10, T15, T20


 **lbs.** .29



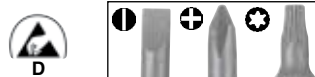
**26996 5 Piece Slotted & Phillips Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 4 Wiha interchangeable blades.


**26996**  **Phillips:** 000, 00, 0, 1

 **Slotted:** 1.5, 2.0, 3.0, 3.5mm


 **lbs.** .54



**26997 9 Pc. Slotted, Phillips and TORX® Precision Interchangeable Blade Set**

Wiha ESD Safe  precision collet lock handle and 8 Wiha Interchangeable blades.

**26997**  **Phillips:** 000, 00, 0, 1


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

 **TORX®:** T6, T7, T8, T9, T10, T15

 **lbs.** .64



**26999 9 Piece Hex Metric Precision Blade Set**

Wiha ESD Safe  precision collet lock handle and 8 Wiha interchangeable blades.


**26999**  **Hex Metric:** .71, .89, 1.27, 1.5,


2.0, 2.5, 3.0, 4.0mm

 **lbs.** .66



**26989 9 Piece Hex Inch Precision Blade Set**

Wiha ESD Safe  precision collet lock handle and 8 Wiha interchangeable blades.


**26989**  **Hex Inch:** .050, 1/16, 5/64, 3/32,


7/64, 1/8, 9/64, 5/32"

 **lbs.** .64



**26995 5 Piece TORX® Precision Blade Set**


Wiha ESD Safe  precision collet lock handle and 4 interchangeable blades.

**26995**  **TORX®:** T6, T7, T8, T9, T10, T15, T20

 **lbs.** .52




**26987 8 Piece TORX® Precision Blade Set**


Wiha ESD Safe  precision collet lock handle and 7 interchangeable blades.

**26987 Set includes the following blades:**

 **TORX® standard blades:** T3, T4, T5

 **TORX® reversible blades:**

T6, T7, T8, T9, T10, T15, T20

 **lbs.** .62



**Wiha SYSTEM 4 Micro Bits**

**SYSTEM 4  
Handles & Micro Bits**



**Tips**  
Exact fit,  
precision  
machined

**Rotating Cap**  
for precise  
turning and  
control

**Tapered Handle**  
allows rapid rotation,  
requires less clearance





**Bits** CVM steel,  
hardened

Use bits directly in handle or with 4" bit extension



**750 SYSTEM 4 Slotted Micro 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







**75800 SYSTEM 4 Standard Precision Bit Handle**

Rotating control cap for precise turning and control. Wiha Precision handle, tapered, high quality plastic, impact resistant, ball retainer. Accepts all SYSTEM 4 Series bits. 110mm/4.3" OAL


Item					
No.	mm	Inch	mm	Inch	lbs.
75800	4.0	.1574	14.0	.55	.06



**751 SYSTEM 4 Phillips Micro 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



**75801 SYSTEM 4 ESD Safe  Dissipative Precision Bit Handle** with rotating control cap. Wiha precision handle, tapered, high quality plastic, impact resistant. 110mm/4.3" OAL

**Advantages:**





- For working in ESD sensitive applications  
Surface resistant 10<sup>6</sup>-10<sup>9</sup> 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



**753 SYSTEM 4 Hex Metric Micro 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

**SYSTEM 4 Micro Bit Extension Blades**







**75900 Extension Blade For SYSTEM 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







**753 SYSTEM 4 Hex Inch Micro Bits** High alloy chrome-vanadium-molybdenum 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



**75901 Magnetic Bit Extension Blade For SYSTEM 4 Micro Bits**

Shaft Chrome-vanadium-molybdenum steel, hardened, corrosion protected. Magnetic bit holder.

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

**Wiha SYSTEM 4 Micro Bits**



**757 SYSTEM 4 TORX® Micro Bits**  
High alloy CVM 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



**757 SYSTEM 4 Security TORX® Micro 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



**753 SYSTEM 4 Metric Security Hex Micro 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 Micro Bits**

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

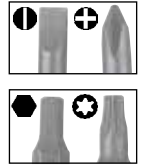
**Micro Bit 1/4" Drive Power Tool Adapter**



**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

**Protturn Precision Power Driver Bit Set**



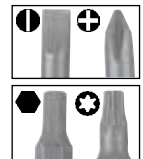
**75989 SYSTEM 4 Protturn Precision Power Screwdriver Set W/Micro Bits, 40 Pcs. In Storage Box.** Includes Wiha precision handle, Protturn Power Screwdriver & 38 interchangeable Micro bits.

Item	SYSTEM 4
No.	Combination Bit Set
75989	Set with System 4 Standard 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: 1.3, 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"
	lbs. 1.18

**SYSTEM 4 Interchangeable Bit Set**

**75990 SYSTEM 4 Interchangeable Bit Set, 40 Pcs. In Canvas Pouch.** Includes Wiha precision handle, bit extension & 38 interchangeable bits.

Item	SYSTEM 4
No.	Combination 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(.7), .035(.9), .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"
	100mm Bit Extension
	lbs. .65

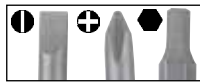


40 Pc. Set



**Wiha SYS 4 Micro Bits & Compact Bit Sets**

**75999** SYSTEM 4 Slotted, Phillips, Hex Inch & Metric Precision Interchangeable Bit Set, 26 Pcs. In Compact Fold Out Box. Wiha precision handle, bit extension & 24 interchangeable bits.



**Item No. Combination Bit Set**

**75999** Set with Standard Precision Handle

**Set includes the following bits:**

- † Slotted: 1.5, 2.0, 3.0, 4.0mm
  - ⊕ Phillips: 000, 00, 0, 1
  - ⬢ Hex Metric: .71, .89, 1.27, 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"
  - 100mm Bit Extension
- ↔ lbs. .64



26 Pc. Set

**75792** SYSTEM 4 TORX® Precision Interchangeable Bit Set, 11 Pcs. In Compact Fold Out Box.



Sets includes Wiha precision handle, bit extension and 9 Wiha interchangeable bits.

**Item SYSTEM 4 TORX® Bit Set**

**No.** Set with ESD Safe Precision Handle

**75792** and the following bits:

- ⊕ TORX®: T3, T4, T5, T6, T7, T8, T9, T10, T15
  - 100mm Bit Extension
- ↔ lbs. .54



11 Pc. Set

**75395** SYSTEM 4 Hex Inch & Metric Precision Interchangeable Bit Set, 18 Pcs. In Compact Fold Out Box. Wiha precision handle, bit extension and 16 Wiha interchangeable bits.



**Item No. Combination Bit Set**

**75395** Set with Standard Precision Handle

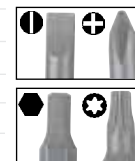
**Includes the following bits:**

- ⬢ Hex Metric: .71, .89, 1.27, 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"
  - 100mm Bit Extension
- ↔ lbs. .58



18 Pc. Set

**759 sets** 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 and 25 Wiha interchangeable bits.



**Item Handle Options for SYSTEM 4**

**No. Combination Bit Sets**

**75991** Set with Standard Precision Handle

**75992** Set with ESD Safe Precision Handle

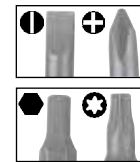
**Sets include the following bits:**

- † 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
- ↔ lbs. .64



27 Pc. Set

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



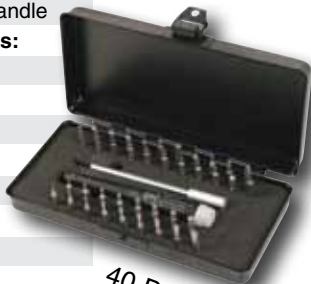
**Item SYSTEM 4**

**No. Combination Bit Set**

**75996** Set with ESD Safe Precision Handle

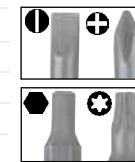
**Set includes the following bits:**

- † 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: 1.3, 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
- ↔ lbs. 1.04



40 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 SYSTEM 4**

**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: .71, .89, 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm
  - 100mm Bit Extension
- ↔ lbs. .64



27 Pc. Set

**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

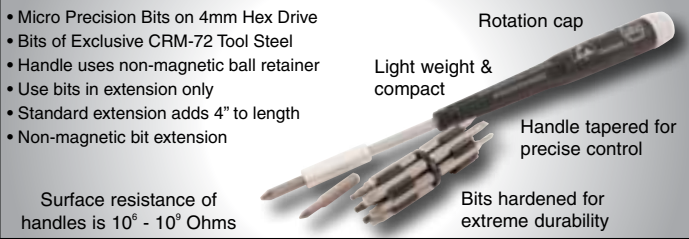
Rotation cap

Light weight & compact

Handle tapered for precise control

Bits hardened for extreme durability

Surface resistance of handles is 10<sup>6</sup> - 10<sup>9</sup> 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 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 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 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




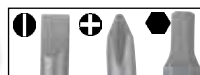

**75095 SYSTEM 4 Slotted, Phillips, Hex Metric Compact ESD Precision Interchangeable Bit Set, 16 Pcs.** Wiha precision handle, bit extension & 14 interchangeable bits.

**Item No. Combination Bit Set**

**75095** Set with ESD Safe Precision Handle

- ↓ ● **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



**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:** .89, 1.27, 1.5, 2.0, 2.5, 3.0, 4.0mm
- **100mm Bit Extension**

↔ lbs. .17

**Micro Bit Handle Storage Sets**

Micro precision bits on 4mm hex drive

Storage handle

Bits hardened for extreme durability

Bits of exclusive CRM-72 tool steel



**NEW**

**75981 Micro Bit Handle Storage Slotted & Phillips Bit Set, 7 Pcs.** Wiha precision storage handle & 6 interchangeable bits.

**Item No. Set with Precision Storage Handle**

**75981** ↓ ● **Slotted:** 1.2, 1.5, 2.0mm

⊕ **Phillips:** 000, 00, 0

↔ lbs. .08






**NEW**

**75983 Micro Bit Handle Storage Hex Inch Bit Set, 7 Pcs.** Wiha precision storage handle & 6 interchangeable bits.

**Item No. Set with Precision Storage Handle**

**75983** ⬠ **Hex Inch:** .050, 1/16, 5/64, 3/32, 7/64, 1/8"

↔ lbs. .08



**NEW**

**75985 Micro Bit Handle Storage TORX® Bit Set, 7 Pcs.** Wiha precision storage handle & 6 interchangeable bits.

**Item No. Set with Precision Storage Handle**

**75985** ⊗ **TORX®:** T3, T4, T5, T6, T7, T8

↔ lbs. .08

**Wiha Precision Electronic Pliers & Cutters**

Electronics pliers with cutting edges are designed especially for cutting soft to medium hard wires.

C70 tool steel HR60 hardness

Glare free black finish

Precision ground cutting edges for smooth cuts



**The Comfortable Precision Pliers & Cutters**

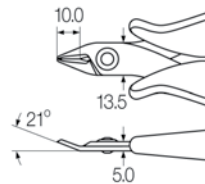


Velvet soft ergonomically designed multi component handle

Lay-on, riveted precision joint

Light weight design for maximum user comfort in production work

**Electronic Diagonal Cutters**



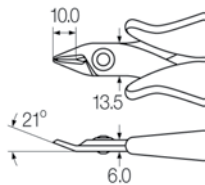
Full Flush

**56818 Precision Electronic Diagonal Cutters, Wide Pointed Head**  
Cutting edge - full flush. With return spring. C70 special tool steel.

For an absolutely flush cut of copper wire.

#56818	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.22

**Electronic Diagonal Cutters**



Semi Flush

**56815 Precision Electronic Diagonal Cutters, Wide Pointed Head**  
Cutting edge - semi flush. With return spring. C70 special tool steel.

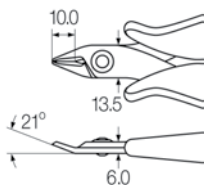
Universal small diagonal cutter for cutting copper wires.

Item No.	mm	Inch	Cut Capacity	Medium Hard Wire	Pkg.	lbs.
#56815	138	5.5	2.0mm/12AWG	0.8	5	.23

**Electronic Diagonal Cutters**



Wire Holding Spring

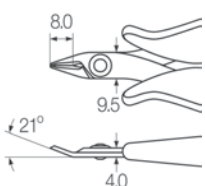


Full Flush

**56825 Precision Electronic Diagonal Cutters, Wide Shape With Wire Holding Spring** Wide, Pointed head. Cutting edge - full flush. With return spring & fixture for holding ends of wires that have been cut off. C70 special tool steel. For an absolutely flush cut of copper wire.

#56825	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.23

**Electronic Diagonal Cutters**



Full Flush

**56812 Precision Electronic Diagonal Cutters, Narrow Shape**  
Extra narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. With return spring. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

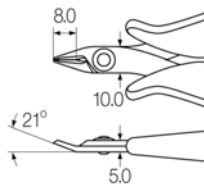
#56812	mm	Inch	Cut Capacity	Pkg.	lbs.
	118	4.5	0.8mm/20AWG	5	.19



**Electronic Diagonal Cutters**



Wire Holding Spring

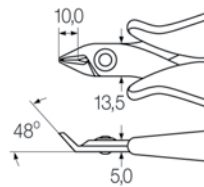


Full Flush

**56813 Precision Electronic Diagonal Full Flush Cutters With Wire Trapping Spring** Extra narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. With return spring. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#56813	mm	Inch	Cut Capacity	Pkg.	lbs.
	128	5.0	1.0mm/18AWG	5	.19

**Electronic Oblique 48° Cutter**

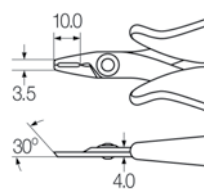


Full Flush

**56833 Electronic Oblique 48° Cutter** Wide pointed head. Cutting edge - full flush. With cutting edge at 48° for cutting obliquely from above or from the side. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#56833	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.22

**Narrow Front Cutter/Long Nose Pliers**

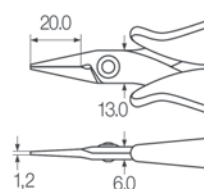


Full Flush

**56830 Electronic Narrow 30° Front Cutter / Long Nose Pliers** Extremely narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. Edge at 30° to face end of pliers for cutting obliquely from above or from the side. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#56830	mm	Inch	Cut Capacity	Pkg.	lbs.
	118	4.5	0.6mm/22AWG	5	.19

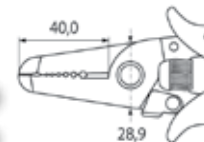
**Electronic Pointed Pliers**



**56801 Electronic Short Nose Precision Pliers** Narrow, short head. Smooth jaws. Width at tip is only 1.2mm. C70 special tool steel. For holding small components as well as for holding and angling wires.

#56801	mm	Inch	Pkg.	lbs.
	138	5.5	5	.23

**Electronic Stripping Pliers**



**56871 Electronic Stripping Pliers** Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. With opening spring and locking mechanism. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

#56871	mm	Inch	Ø	AWG	Pkg.	lbs.
	180	7.0	0.81-2.59	20-10	5	.15



# 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 Vommaloy. 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 Vommaloy. Special stainless steel, anti-magnetic and acid resistant.



## Sturdy Long, Fine Round Points

Item No.	Description	wt.
44502	GG SA ESD - 130mm	.09

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



## Curved Extra Fine Rounded Tips

Item No.	Description	wt.
44510	7a SA ESD - 120mm	.08

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

## Wiha Professional Quality ESD Safe Tweezers



### Holds 0.8 to 2mm Diameter

Item No.	Description	wt.
44511	50 SA ESD - 120mm	.08

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



### Holds 3.5 to 7mm Diameter

Item No.	Description	wt.
44513	52 SA ESD - 120mm	.08

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



### MicroTip 45° Hook 1x1x2mm

Item No.	Description	wt.
44521	12 SA-SMD ESD - 120mm	.09

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



### Holds 6.5 to 10mm Diameter

Item No.	Description	wt.
44514	53 SA ESD - 120mm	.08

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



### MicroTip For Chips Angled 1.6 x 1 x 1mm

Item No.	Description	wt.
44522	13 SA ESD - 120mm	.08

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



### Angled 3.5 to 7mm Diameter

Item No.	Description	wt.
44515	54 SA ESD - 120mm	.08

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



## Wiha Professional Quality ESD Safe Tweezers



### Flat Bent 35°, 3mm Diameter Grip

Item No.	Description	wt.
44524	58 SA-SMD ESD - 117mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommaloy. Special stainless steel, anti-magnetic and acid resistant.		



### MicroTip Bent 30° 1.6mm

Item No.	Description	wt.
44529	8b SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommaloy. 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 Vommaloy. Special stainless steel, anti-magnetic and acid resistant.		



### Flat Bent 35° - 2mm Diameter Grip Radius

Item No.	Description	wt.
44530	59 SA-SMD ESD - 117mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommaloy. Special stainless steel, anti-magnetic and acid resistant.		



### Narrow Body Low Force Bent 35° - 3mm Tip

Item No.	Description	wt.
44526	SSbb SA ESD - 140mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommaloy. 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 Vommaloy. Special stainless steel, anti-magnetic and acid resistant.		



### Angled Extra Fine Points Bent 30° - 3mm Long Tips

Item No.	Description	wt.
44527	5abb SA ESD - 117mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommaloy. 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 Vommaloy. 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 Vommaloy. Special stainless steel, anti-magnetic and acid resistant.		



### Angled & Slightly Bent With Extra Fine Tips

Item No.	Description	wt.
44533	7 SA ESD - 120mm	.08
Static dissipative, ESD Safe hypo allergenic tweezers made from Vommaloy. Special stainless steel, anti-magnetic and acid resistant.		

## Professional Quality Tweezers In Standard & Special Sizes



### Blunt Tip, Serrated

Item No.	Description	↔ wt.
43010	40 - 145mm	.11
Carbon steel tweezers. Nickel-plated finish.		



### Narrow Body Low Force Bent 35° - 3mm Long Tip

Item No.	Description	↔ wt.
46971	SSbb SA - 140mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		



### Heavy Duty Forming Tweezers

Item No.	Description	↔ wt.
43800	8 SA - 120mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		



### Extra Fine Points Bent 30° - 3mm Long Tip

Item No.	Description	↔ wt.
46972	5bb SA - 107mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		



### Long Tapered to Fine Tip Serrated

Item No.	Description	↔ wt.
45010	30 - 145mm	.09
Carbon steel tweezers. Nickel-plated finish.		



### Fine Hooked & Tapered Tips

Item No.	Description	↔ wt.
46987	6 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		



### Curved Extra Fine, 3mm Long Angled Tip

Item No.	Description	↔ wt.
46950	7abb SA - 120mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		



### Blunt 1mm Wide Tip Serrated

Item No.	Description	↔ wt.
49185	PSF - 125mm	.08
Carbon steel tweezers. Nickel-plated finish.		



### Fine Points Angled With 40° - Tip Bend

Item No.	Description	↔ wt.
46970	5abb SA - 117mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		



### Flat Round Tip Bent 30° Smooth Sides

Item No.	Description	↔ wt.
49368	2ab SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		

## Professional Quality Tweezers In Standard & Special Sizes



### Angled Upward Extra Fine Tips

Item No.	Description	↔ wt.
49375	7 SA - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Fine Points for Assembly

Item No.	Description	↔ wt.
49383	3 SA - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Flat Round Tip Smooth Sides

Item No.	Description	↔ wt.
49378	2a SA - 120mm	.07

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Blunt Tips - 1.0mm Wide Serrated

Item No.	Description	↔ wt.
49385	PSF SA - 125mm	.09

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Reduced Body to Medium Point

Item No.	Description	↔ wt.
49381	2 SA - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Long Narrow Body Low Force

Item No.	Description	↔ wt.
49387	SS SA - 140mm	.07

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Flat and Broad Tips 3mm Wide

Item No.	Description	↔ wt.
49382	F SA - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Strong, Long Tapered Fine Tips

Item No.	Description	↔ wt.
49388	GG SA - 130mm	.09

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### Flat Round Tip Smooth Sides

Item No.	Description	↔ wt.
49478	2a SA T - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Teflon finish tweezers made from Vommaloy.

## Professional Quality Tweezers In Standard & Special Sizes



### Longer Narrow Body Low Force

Item No.	Description	wt.
49487	SSL SA - 160mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



### Very Fine Round Points & Tapered To Tip

Item No.	Description	wt.
49779	4 SA - 110mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



### Fine Round Points Shorter

Item No.	Description	wt.
49783	3c SA - 110mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		



### Very Fine Points Tapered Long

Item No.	Description	wt.
49879	4L SA - 140mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommeloy.		

## Professional SMD Tweezers COMPONENT POSITIONING & DESOLDERING TWEEZERS



### Flat Bent 35° 3mm Dia. Milled Slot

Item No.	Description	wt.
42142	58 SA SMD - 117mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Holds 6.5 to 10mm Diameter

Item No.	Description	wt.
42150	53 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Vertical Long, Holds 2.5 to 5mm Diameter

Item No.	Description	wt.
43414	64 SA - 145mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		



### Bent Long, Holds 3.5 to 7mm Diameter

Item No.	Description	wt.
43419	63 SA - 145mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommeloy.		

## Super Thin Foil Tweezers



### Blunt, Thin .035", Very Low Force

Item No.	Description	wt.
49215	112 SA - 100mm	.05
Stainless steel, anti-magnetic and acid resistant. Polished finish tweezers made from Vommeloy.		



## Professional Quality Wafer Tweezers



### Back Stop, Top 2.4 Bottom 7mm

Item No.	Description	↔ wt.
43799	37 SA - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommeloy.



### 16mm Wide With Back Stop

Item No.	Description	↔ wt.
44159	49 SA - 125mm	.09

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommeloy.



### 9mm Wide With Back Stop Pins

Item No.	Description	↔ wt.
43948	89 SA - 125mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommeloy.



### Bent Large 20mm Wide, Back Stop

Item No.	Description	↔ wt.
46069	61 SA - 125mm	.11

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommeloy.



### 12mm Wide With Back Stop Pins

Item No.	Description	↔ wt.
43949	89a SA - 125mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommeloy.



### Long Flat Straight 5mm Wide

Item No.	Description	↔ wt.
49584	39 SA - 125mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommeloy.



### Angled 4 Pin 12mm Wide

Item No.	Description	↔ wt.
44149	16 SA - 125mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Wafer tweezers made from Vommeloy.



### Flat Angled 5mm Wide

Item No.	Description	↔ wt.
49587	38a SA - 103mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommeloy.

## Cutting Tweezers



### End Cutting Tweezers

Item No.	Description	↔ wt.
46500	D - 95mm	.11

Carbon steel. UnPlated finish.



### Curved Very Fine Cutting Tweezers

Item No.	Description	↔ wt.
48307	C7 - 115mm	.08

Carbon steel made from Vommeloy. Brushed finish.



## Professional Quality Guide Pins Tweezers



### Fine Tip Straight, Guide Pin, Fine Serrated

Item No.	Description	wt.
42012	17 - 120mm	.08
Carbon steel. Nickel-plated finish.		



### Narrow Body, Bent, Long, Guide Pin, Serrated Tweezers

Item No.	Description	wt.
49154	22b S - 155mm	.09
Stainless steel. Natural finish.		



### Bent, Long, Guide Pin, Fine Serrated Tweezers

Item No.	Description	wt.
45113	33b - 165mm	.10
Carbon steel. Nickel-plated finish.		



### Narrow Body, Straight, Long, Guide Pin, Serrated Tweezers

Item No.	Description	wt.
49159	22 SA - 155mm	.10
Stainless steel, anti-magnetic and acid resistant. Brushed finish tweezers made from Vommaloy.		



### Universal Straight Guide Pin, Fine Serrated

Item No.	Description	wt.
45212	35 SA - 120mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommaloy.		

## Isolated Tweezers With Dipped Handles



### Fine Bent, Guide Pin, Serrated

Item No.	Description	wt.
45213	35B SA - 145mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vommaloy.		



### Universal Pointed Tip Isolated

Item No.	Description	wt.
48100	AA isol - 130mm	.10
Carbon steel. Nickel-plated finish.		



### Long Pointed, Angled Tip, Guide Pin & Lock

Item No.	Description	wt.
49150	20S - 150mm	.10
Stainless steel. Polished finish.		



### Narrow Pointed & Straight Isolated Serrated

Item No.	Description	wt.
49158	22 isol - 155mm	.10
Carbon steel. Nickel-plated finish.		



## Professional Quality Self Closing Tweezers



### Long Straight Tweezers

Item No.	Description	wt.
43270	R29 S - 160mm	.11
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vomalloy.		



### Reverse 3 Fine Round Points For Assembly

Item No.	Description	wt.
45803	R3 SA - 115mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vomalloy.		



### Long Bent Tweezers

Item No.	Description	wt.
43271	R29b SA - 160mm	.12
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vomalloy.		



### Chip Holding Curved Fine Micro Tip

Item No.	Description	wt.
46610	R10 SA SMD - 117mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vomalloy.		



### Pointed Self Closing Long Straight

Item No.	Description	wt.
43272	R29 - 160mm	.11
Carbon steel. Nickel-plated finish.		



### Straight Flat Square End 5mm Wide

Item No.	Description	wt.
48050	R50 SA - 105mm	.07
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vomalloy.		



### Long Bent Tweezers

Item No.	Description	wt.
43273	R29b - 160mm	.12
Carbon steel. Nickel-plated finish.		



### Strong With Square Ends Deep Serrated

Item No.	Description	wt.
48075	R30 - 160mm	.13
Carbon steel. Nickel-plated finish.		



### Reverse 2 Flat Round Tip Smooth Sides

Item No.	Description	wt.
45802	R2a SA - 115mm	.08
Stainless steel, anti-magnetic and acid resistant. Brushed Finish tweezers made from Vomalloy.		

## Microscopy Tweezers



### MicroTip 30° Bend & 0.5mm Slot Milled

Item No.	Description	wt.
46611	11SA SMD - 117mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### MicroTip Straight & 0.5mm Slot Milled

Item No.	Description	wt.
46615	8SA SMD - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### MicroTip 40° Hook 1x1x2mm Long

Item No.	Description	wt.
46612	12SA SMD - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



Uncoated

### MicroTip Bent 30° - 1.6mm

Item No.	Description	wt.
46616	8b SA SMD - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



### MicroTip 40° Hook 1.6x1x1mm Wide

Item No.	Description	wt.
46613	13SA SMD - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.



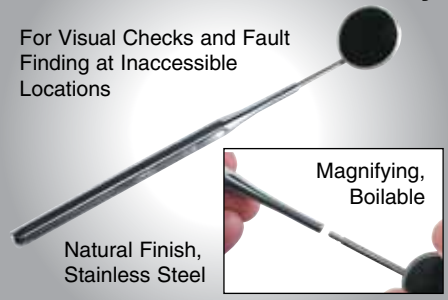
### MicroTip 30° Bent & Angled With 0.5 Slot

Item No.	Description	wt.
46619	19 SA SMD - 120mm	.08

Stainless steel, anti-magnetic and acid resistant.  
Brushed finish tweezers made from Vommaloy.

## Mirrors-Clean Room Quality

For Visual Checks and Fault Finding at Inaccessible Locations



Natural Finish, Stainless Steel



### Inspection Mirror - Stainless 20mm

Item No.	Description	wt.
40420	#3 IM - 205mm	.09



### Inspection Mirror - Stainless 26mm

Item No.	Description	wt.
40426	#6 IM - 215mm	.10



### Inspection Mirror - Stainless 22mm Short Stem

Item No.	Description	wt.
40422	#4 IM - 175mm	.10



### Inspection Mirror - Stainless 30mm

Item No.	Description	wt.
40430	#8 IM - 215mm	.10

### Inspection Mirror - Stainless 10mm

Item No.	Description	wt.
40410	#0 IM - 185mm	.09



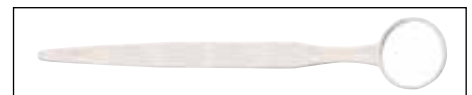
### Inspection Mirror - Stainless 14mm

Item No.	Description	wt.
40414	#0 IM - 200mm	.09



### Inspection Mirror - Stainless 24mm Short Stem

Item No.	Description	wt.
40424	#5 IM - 175mm	.10



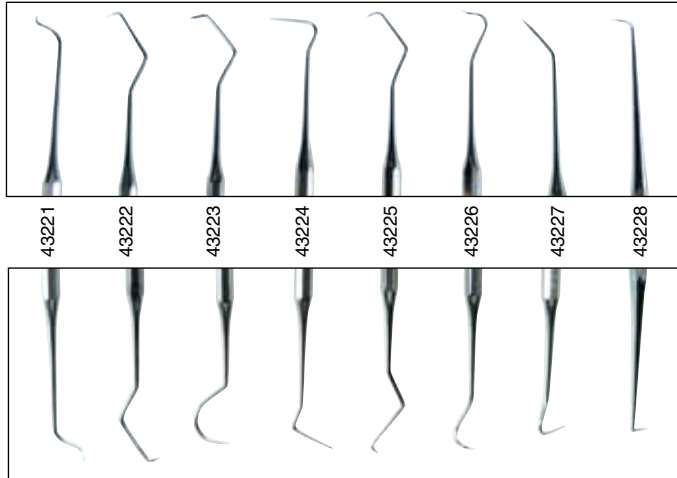
### Disposable Inspection Mirrors

Item No.	Description	wt.
40425	5 Pack - Plastic	.10

Set includes: White disposable inspection mirror  
#5 Inspection Mirrors - 24mm x 146mm

# Quality Excavators & Probes

## One Piece All Stainless Probes



All Stainless Single Piece Construction-Clean Room Quality



### Stainless Steel Probe

Item No.	Description	wt.
43221	3220.1-07 Probe - 170mm	.08

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
43225	3220.5-09 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
43222	3220.2-06 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
43226	3220.6-10 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
43223	3220.3-05 Probe - 170mm	.07

Stainless steel, polished finish.



### Stainless Steel Probe

Item No.	Description	wt.
43228	3220.8-02 Probe - 170mm	.08

Stainless steel, polished finish.

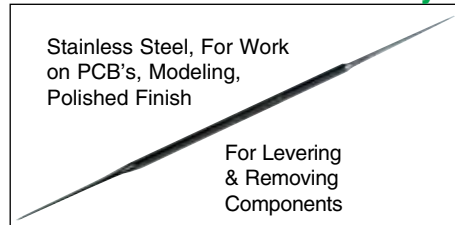


### Stainless Steel Probe

Item No.	Description	wt.
43224	3220.4-16 Probe - 170mm	.07

Stainless steel, polished finish.

## Probes-Clean Room Quality



### Stainless Steel Straight Probe

Item No.	Description	wt.
43229	3220.9-11 Probe - 170mm	.07

## One Piece All Stainless Hooks

### Sculpting & Scribing Hooks-Clean Room Quality

- Sharp Hooks For Cutting & Marking
- Surgical Stainless Steel
- Natural Finish
- For Work on PCB's, Modeling
- All Stainless Single Piece Construction



### Approx. 5mm Wide Short Tapered & Curved

Item No.	Description	wt.
43236	3230.6-60 Hook - 155mm	.10



### Approx. 4mm Wide Squared & Curved

Item No.	Description	wt.
43235	3230.5-59 Hook - 155mm	.10

## One Piece All Stainless Excavators

### Excavators-Clean Room Quality

- Can Be Used as Mini-Spatulas
- For Work on PCB's, Modeling
- Surgical Stainless Steel, Polished Finish
- Single Piece Construction



#43251

### 1mm Excavator

Item No.	Description	wt.
43251	3225.1-39 - 165mm	.09



#43252

### 2mm Excavator

Item No.	Description	wt.
43252	3225.2-35 - 165mm	.09



#43253

### 2.5mm Excavator

Item No.	Description	wt.
43253	3225.3-31 - 165mm	.10

**Wiha Ratchet Crimpers**

**Ratchet End Sleeve Crimper**



5 die nests  
side entry  
crimp



**43612 Ratchet End Sleeve Crimper**  
Crimps Insulated & non-insulated end sleeves. 6 crimp positions range AWG 26-18, 18-16, 14, 12, 10, 8. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43612	220mm/8.6"	26-8	1.18	1

**Ratchet Crimper Push On Terminals**



Crimp Profile  
"F"/"B"



**43624 Ratchet Crimper Push On Terminals**  
Crimps Insulated & non-insulated terminals. 4 crimp positions range AWG 22-20, 20-16, 16-14, 12-10. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43624	220mm/8.6"	22-10	1.06	1

**Ratchet Crimper For Standard Connectors**



Crimp Profile



**43618 Ratchet Crimper For Standard Connectors**  
Crimps Insulated & non-insulated connectors. 3 crimp positions range AWG 20-16 red, 16-14 blue, 12-10 yellow. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43618	220mm/8.6"	20-10	1.06	1

**Ratchet Crimper For Eye Terminals**



Self adjusting  
side entry crimp



**43643 Ratchet Crimper For Eye Terminals**  
Crimps Insulated & non-insulated terminals. 4 crimp positions range AWG 26-20, 20-14, 12-10, 8-6. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43643	220mm/8.6"	26-6	1.02	1

## Automatic Stripping Tool



Interchangeable stripping blade cassettes



Cuts & strips up to 10mm<sup>2</sup>/8 AWG - Strips PVC, THHW, TEFLON insulations



Ergonomic design with non-slip two component handles



Easy/snag free wire removal from tool - jaws stay open after strip

### Self Adjusting Cut & Strip Tool



Straight Blade Cassette Stripping Range  
0.02 - 10.0mm<sup>2</sup>



Cables: Conduit wire, Flex mains cable, Equipment wire, Flat modplug cable etc.

34-8 AWG

### 44212 Self Adjusting Cutting & Stripping Tool

Easily interchangeable stripping cassettes enables a wide range of insulations from PVC to PTFE. Light weight soft grip handle qualified for high volume production and portable/field usage.

#44212	mm	Inch	AWG	Strip Dim.	lbs.	Pkg.
	191	7.5	34 - 8	0.02-10mm <sup>2</sup>	.30	1

### Replaceable Cassette - Straight Blade



Straight Blade Cassette Stripping Range  
0.02 - 10.0mm<sup>2</sup>



Straight  
34-8 AWG

### 44214 Straight Blade Cassette, PVC Insulations

Fine adjustability ensures that thin insulations can be stripped without damage to conductors. At the end of the stripping function, the stripping blades open and remain open during the return phase of the strip cycle facilitating easy/snag free wire removal from the tool.

#44214	AWG	Strip Range	lbs.	Pkg.
	34 - 8	0.02-10mm <sup>2</sup>	.02	1

### Replaceable Cassette - 4-16mm<sup>2</sup>



Stripping Range  
4-16mm<sup>2</sup>



Radius Blade  
10-5 AWG

### 44269 Replaceable Cassette, 4-16mm Stripping Range

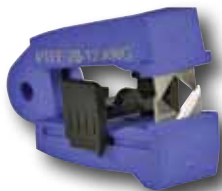
Fine adjustability ensures that thin insulations can be stripped without damage to conductors. At the end of the stripping function, the stripping blades open and remain open during the return phase of the strip cycle facilitating easy/snag free wire removal from the tool.

#44269	AWG	Strip Range	lbs.	Pkg.
	10 - 5	4-16mm <sup>2</sup>	.02	1

### Replaceable Cassette - "V" Blade



"V" Blade Stripping Range  
0.1 - 4mm<sup>2</sup>



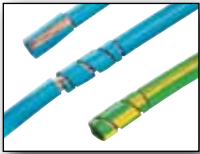
VBC for PTFE  
28-12 AWG

### 44213 Replaceable VBC or PTFE Cassette, "V" Blade

Fine adjustability ensures that thin insulations can be stripped without damage to conductors. At the end of the stripping function, the stripping blades open and remain open during the return phase of the strip cycle facilitating easy/snag free wire removal from the tool.

#44213	AWG	Strip Range	lbs.	Pkg.
	28 - 12	0.1-4mm <sup>2</sup>	.02	1

**Heavy Duty Adjustable Cable Stripper**



Circular + Straight  
Window Strip  
Circular + Spiral Strip



Cables: Power cable. Multi-conductor control, fiber optic and copper trunk cables

**44217 Jacket Stripper - Heavy Duty Adjustable**

Professional stripping tool for cables of all insulations types. Positive locking positions for circular, lengthways and spiral strips. Interchangeable cable retention hooks give cable stripping capacity of up to 40mm/1.57 inch diameter. Replacement cutting blades can be stored within the tool.

#44217	mm	Inch	Strip Range	Strip Dim.	lbs.	Pkg.
	168	6.6	4.5-40mm <sup>2</sup>	0-4.5mm	.26	1

**Replacement Blade**



Replacement cutting blades can be stored within the tool

**44218 Replacement Blade For 44217 Stripper**

Interchangeable cable retention hooks give cable stripping capacity of up to 40mm/1.57 inch diameter. Replacement cutting blades can be stored within the tool.

#44218	Replacement Blade For	lbs.	Pkg.
	44217 Stripper	.01	1

**Precision Adjustable Stripping Tool**



Replaceable Blade

Cables: Multi core cable, Modplug cable. Fiber optic cable etc.

**44220 Precision Adjustable Stripping Tool**

Professional stripping tool removes the outer cable jacket from signal, telephone, audiovisual, instrumentation and data transmission copper and fiber optic cables up to 11mm/0.43" diameter. The tool features a 9 position indexed blade height adjustment wheel ensuring accurate & repeatable stripping results. Simply squeeze together to open the stripping cavity - insert cable, rotate once and pull off the scrap insulation. Smooth, Lightweight and pocket size. No open blade, replacement blades encased within cassette.

#44220	mm	Inch	Strip Range	Strip Range	lbs.	Pkg.
	90.5	3.6	2.5-11mm	.10"/0.43"	.06	1

**Replacement Blade**



Replacement Blade

**44221 Replacement Blade For 44220 Stripper**

Stripping capacity of up to 2.5-11mm/0.43" diameter.

#44221	Strip Range	Strip Dim.	lbs.	Pkg.
	2.5-11mm	11mm/0.43"	.01	1

**CATV/Satellite Stripper**



Strips: RG59 & RG6 CATV coaxial cables

**44206 CATV/Satellite Stripper**

Quickly & simply strips RG59 & RG6 coaxial cables for CATV "F" type connectors giving industry standard strip lengths of 6.35mm/.25" for both the braid and the conductor. Patented spring-like action and built-in stop eliminates the need for manual adjustment for different cables.

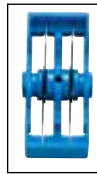
#44206	mm	Inch	Strip Length	lbs.	Pkg.
	83	3.3"	6.35mm/.25" Braid/Conductor	.05	1



Adjustable Screw  
For Precise Blade  
Positioning



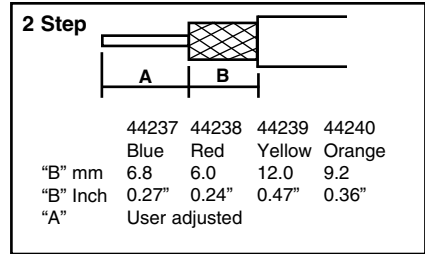
4 Cable V-blocks



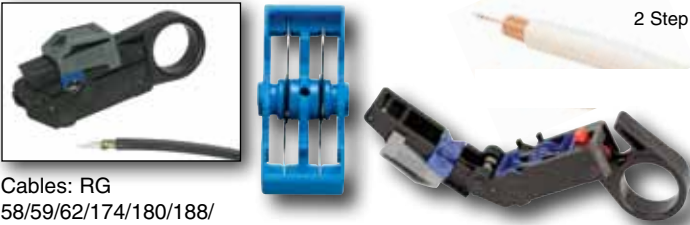
Reversible  
Cassettes  
Long Life



Stepped Stripping  
Depth For  
Reduced Friction

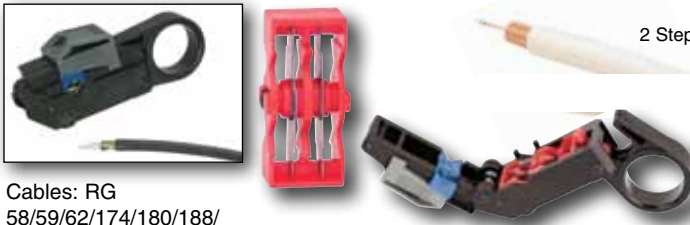


**Blue Cassette Stripping Tool Kit**



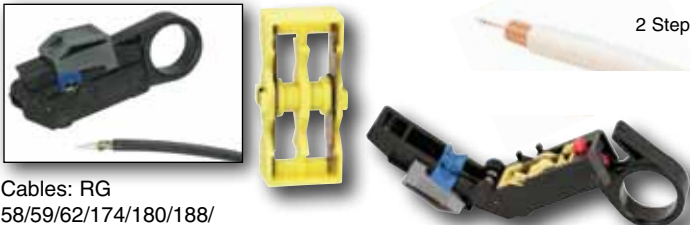
Cables: RG  
58/59/62/174/180/188/  
195/316/6/ Belden 8281

**2 Step Red Cassette Stripping Tool Kit**



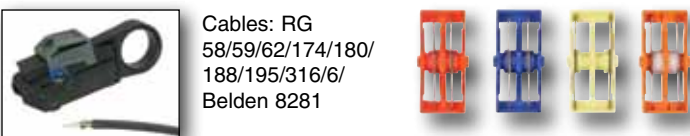
Cables: RG  
58/59/62/174/180/188/  
195/316/6/ Belden 8281

**2 Step Yellow Cassette Stripping Tool Kit**



Cables: RG  
58/59/62/174/180/188/  
195/316/6/ Belden 8281

**2 Step Replacement Stripping Cassettes**



Cables: RG  
58/59/62/174/180/  
188/195/316/6/  
Belden 8281

**Stripping Tool - No Cassette**



**44200 Cassette Hand-Stripping Tool** Accurate & versatile coaxial hand-stripping tool. Holds all 2 or 3 step cassettes.

<b>#44200</b>	lbs.	Pkg.
	.07	1

**44227 Blue Cassette Hand-Stripping Tool Kit**

Accurate & versatile coaxial hand-stripping tool, designed to provide 2 strip steps on chosen cable. Enclosed V-blocks make stripper useful for cables in range of 2.5-7.6mm. Universal tool body accepts all cassettes. High quality steel blade cassettes with razor sharp edges for long, effective use.

#44227	mm	Inch	Strip Range	Strip Dim.	lbs.	Pkg.
	90	3.54	1.87-7.6mm	6.8mm	.09	1
			0.10"-0.30"	0.27"		

**44222 2 Step Red Cassette Hand-Stripping Tool Kit**

Accurate & versatile coaxial hand-stripping tool, designed to provide 2 strip steps on chosen cable. Enclosed V-blocks make stripper useful for cables in range of 6.0mm/.24". Universal tool body accepts all cassettes. High quality steel blade cassettes with razor sharp edges for long, effective use.

#44222	mm	Inch	Strip Range	Strip Dim.	lbs.	Pkg.
	90	3.54	1.87-7.6mm	6.0mm	.09	1
			0.10"-0.30"	0.24"		

**44224 2 Step Yellow Cassette Hand-Stripping Tool Kit**

Accurate & versatile coaxial hand-stripping tool, designed to provide 2 strip steps on chosen cable. Enclosed V-blocks make stripper useful for cables in range of 12.0mm/.47". Universal tool body accepts all cassettes. High quality steel blade cassettes with razor sharp edges for long, effective use.

#44224	mm	Inch	Strip Range	Strip Dim.	lbs.	Pkg.
	90	3.54	1.87-7.6mm	12.0mm	.09	1
			0.10"-0.30"	0.47"		

**442 2 Step Replacement Stripping Cassettes** High quality steel blade cassettes with razor sharp edges for long, effective use.

Item No.	Color	Strip Range	Strip Dim.	lbs.	Pkg.
<b>44237</b>	Blue	1.87-7.6mm	6.8(0.27")	.01	1
<b>44238</b>	Red	1.87-7.6mm	6.0(0.24")	.01	1
<b>44239</b>	Yellow	1.87-7.6mm	12.0(0.47")	.01	1
<b>44240</b>	Orange	1.87-7.6mm	9.2(0.36")	.01	1

**Stripping Tool Set**



**44290 10 Piece Set, Cassette Hand-Stripping Tool**

Accurate & versatile coaxial hand-stripping tool, designed to provide 2 strip steps on chosen cable. Universal tool body accepts all cassettes.

<b>#44290</b>	Set includes: Stripping Tool, L-key, 4 Cable V-blocks & 4 Stripping Cassettes	lbs.	Pkg.
		.10	1





Adjustable Screw For Precise Blade Positioning



4 Cable V-blocks



Reversible Cassettes Long Life



Stepped Stripping Depth For Reduce Friction

**3 Step**

	44251	44255	44259	44260	44261
	Brown	Green	White	Dk. Brown	Black
"C" mm	8.3	6.0	6.8	7.5	5.5
"B" mm	2.7	6.0	2.5	3.5	5.5
"A"	User adjusted				

### 3 Step Brown Cassette Kit



Cables: RG  
58/59/62/174/180/188/  
195/316/6/ Belden 8282



### 44241 3 Step Brown Cassette Kit

Accurate & versatile coaxial hand-stripping tool, designed to provide 3 strip steps on chosen cable. Enclosed V-blocks make stripper useful for cables in range of 2.5-7.6mm. Universal tool body accepts all cassettes. High quality steel blade cassettes with razor sharp edges for long, effective use.

#44241	mm	Inch	Strip Range	Strip Dim.	lbs.	Pkg.
	90	3.54	1.87-7.6mm	8.3mm(B)	.08	1
			0.10"-0.30"	2.7mm(C)		

### 3 Step Green Cassette Kit



Cables: RG  
58/59/62/174/180/188/  
195/316/6/ Belden 8283



### 44245 3 Step Green Cassette Kit

Accurate & versatile coaxial hand-stripping tool, designed to provide 3 strip steps on chosen cable. Enclosed V-blocks make stripper useful for cables in range of 2.5-7.6mm. Universal tool body accepts all cassettes. High quality steel blade cassettes with razor sharp edges for long, effective use.

#44245	mm	Inch	Strip Range	Strip Dim.	lbs.	Pkg.
	90	3.54	1.87-7.6mm	6.0mm(B)	.08	1
			0.10"-0.30"	6.0mm(C)		

### 3 Step White Cassette Kit



Cables: RG  
58/59/62/174/180/188/  
195/316/6/ Belden 8284



### 44249 3 Step White Cassette Kit

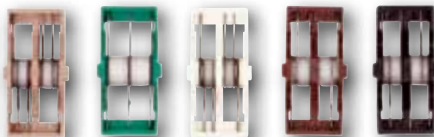
Accurate & versatile coaxial hand-stripping tool, designed to provide 3 strip steps on chosen cable. Enclosed V-blocks make stripper useful for cables in range of 2.5-7.6mm. Universal tool body accepts all cassettes. High quality steel blade cassettes with razor sharp edges for long, effective use.

#44249	mm	Inch	Strip Range	Strip Dim.	lbs.	Pkg.
	90	3.54	1.87-7.6mm	6.8mm(B)	.08	1
			0.10"-0.30"	2.5mm(C)		

### 3 Step Replacement Stripping Cassettes



Cables: RG  
58/59/62/174/180/188/  
195/316/6

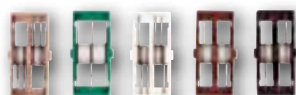


### 442 3 Step Replacement Stripping Cassettes

Accurate & versatile coaxial hand-stripping tool, designed to provide 3 strip steps on chosen cable. High quality steel blade cassettes with razor sharp edges for long, effective use.

Item No.	Color	Strip B	Strip C	lbs.	Pkg.
44251	Brown	2.7mm/.11"	8.3mm/.33"	.01	1
44255	Green	6.0mm/.24"	6.0mm/.24"	.01	1
44259	White	2.5mm/.10"	6.8mm/.27"	.01	1
44260	Dk. Brown	3.5mm/.14"	7.5mm/.30"	.01	1
44261	Black	5.5mm/.22"	5.5mm/.22"	.01	1

### Stripping Tool Set



### 44292 11 Piece Set, Cassette Hand-Stripping Tool

Accurate & versatile coaxial hand-stripping tool, designed to provide 3 strip steps on chosen cable. Universal tool body accepts all cassettes.

#44292	Set includes:	lbs.	Pkg.
	Stripping Tool, L-key, 4 Cable V-blocks, 5 Stripping Cassettes	.11	1



Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
26000	9	26135	10	26449	12	26702	9	26927	16	26993	18
26001	9	26136	10	26455	12	26703	9	26928	16	26995	19
26008	4	26140	10	26457	12	26704	9	26929	16	26996	19
26010	4	26142	10	26459	12	26705	9	26932	16	26997	19
26012	4	26145	10	26461	12	26706	9	26933	16	26999	19
26015	4	26190	5	26463	12	26707	9	26934	16	28000	15
26018	4	26192	5	26465	12	26708	9	26935	16	28001	15
26020	4	26193	10	26467	12	26709	9	26936	16	28002	17
26022	4	26194	5	26490	7	26710	9	26937	16	28003	17
26023	4	26199	5	26491	7	26715	9	26938	16	28004	17
26025	4	26205	6	26493	12	26720	9	26939	16	28005	17
26027	4	26210	6	26499	7	26721	11	26940	16	28006	17
26028	4	26307	6	26510	8	26723	11	26941	16	28007	17
26030	4	26309	6	26515	8	26725	11	26942	16	28008	17
26032	4	26313	6	26520	8	26727	11	26943	16	28009	17
26033	4	26315	6	26523	8	26729	11	26944	16	28010	17
26034	4	26316	6	26525	8	26731	11	26945	16	28011	17
26035	4	26320	6	26527	8	26732	11	26946	16	28012	17
26040	4	26323	6	26530	8	26733	11	26947	16	28013	17
26041	4	26325	6	26531	8	26735	11	26948	16	28014	17
26042	4	26327	6	26532	8	26736	11	26949	16	28015	17
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26051	10	26331	6	26536	8	26739	11	26951	15	28017	17
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26061	10	26347	12	26556	8	26790	9	26958	17	28028	16
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26070	10	26367	12	26572	13	26798	11	26963	16	28036	16
26072	10	26369	12	26573	13	26799	9	26964	16	28037	16
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26101	5	26420	7	26585	13	26914	16	26976	17	28627	7
26102	5	26423	7	26586	13	26915	16	26977	17	28629	7
26105	5	26425	7	26587	13	26916	16	26978	17	28632	7
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26108	5	26430	7	26589	13	26918	16	26980	17	28637	7
26109	5	26431	7	26590	8	26919	16	26981	17	28638	7
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26130	10	26443	12	26598	8	26924	16	26990	18	40420	35
26132	10	26445	12	26599	8	26925	16	26991	18	40422	35
26133	10	26447	12	26701	9	26926	16	26992	18	40424	35

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Notes:
40425	35	44261	41	49150	33	75325	20	
40426	35	44269	38	49154	33	75327	21	
40430	35	44290	40	49158	33	75330	20	
42012	33	44292	41	49159	33	75332	21	
42142	31	44501	26	49185	29	75340	20	
42150	31	44502	26	49215	33	75342	21	
43010	29	44503	26	49368	29	75350	20	
43221	36	44504	26	49375	30	75352	20	
43222	36	44505	26	49378	30	75354	20	
43223	36	44506	26	49381	30	75356	20	
43224	36	44507	26	49382	30	75358	20	
43225	36	44508	26	49383	30	75360	20	
43226	36	44509	26	49385	30	75362	21	
43228	36	44510	26	49387	30	75364	21	
43229	36	44511	27	49388	30	75366	21	
43235	36	44512	27	49478	30	75368	21	
43236	36	44513	27	49487	31	75370	21	
43251	36	44514	27	49584	32	75372	21	
43252	36	44515	27	49587	32	75395	22	
43253	36	44518	27	49779	31	75703	21	
43270	34	44520	27	49783	31	75704	21	
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43272	34	44522	27	56801	25	75706	21	
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43643	37	44529	28	56833	25	75727	21	
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44217	39	46069	32	75025	20	75981	23	
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44224	40	46613	35	75094	23	75991	22	
44227	40	46615	35	75095	23	75992	22	
44237	40	46616	35	75096	23	75994	22	
44238	40	46619	35	75105	20	75996	22	
44239	40	46950	29	75110	20	75999	22	
44240	40	46970	29	75115	20	91118	8,13	
44241	41	46971	29	75120	20	92190	9	
44245	41	46972	29	75307	20	92191	9	
44249	41	46987	29	75309	20	95190	14	
44251	41	48050	34	75313	20	96800	14	
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44259	41	48100	33	75320	20			
44260	41	48307	32	75322	21			