

INSULATED TOOLS

Protect yourself from electric shock

All 1000-volt tools from TengTools conform to or exceed all specifications that the relevant authorities have established. Each tool is individually tested before it is marked with a special standard tag and a marking that indicates the year of manufacture.



INSULATED SCREWDRIVERS

The bi-material handle is designed for increased comfort and smooth action preventing blisters after continuous use. It gives better support and increased power transfer.

Size and tip marked at the bottom of each handle for easy identification

Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation

RBD shafts are ultra slim allowing for recessed screws to be accessed easily



TT-MV PLUS steel alloy for greater strength and material flexibility



INSULATED RATCHET

Twist reverse mechanism for quickly changing between tightening and loosening

Insulation made in two parts, yellow insulating core and a red outer layer. Any damage to the insulation can be detected quickly with the visibility of the yellow core layer

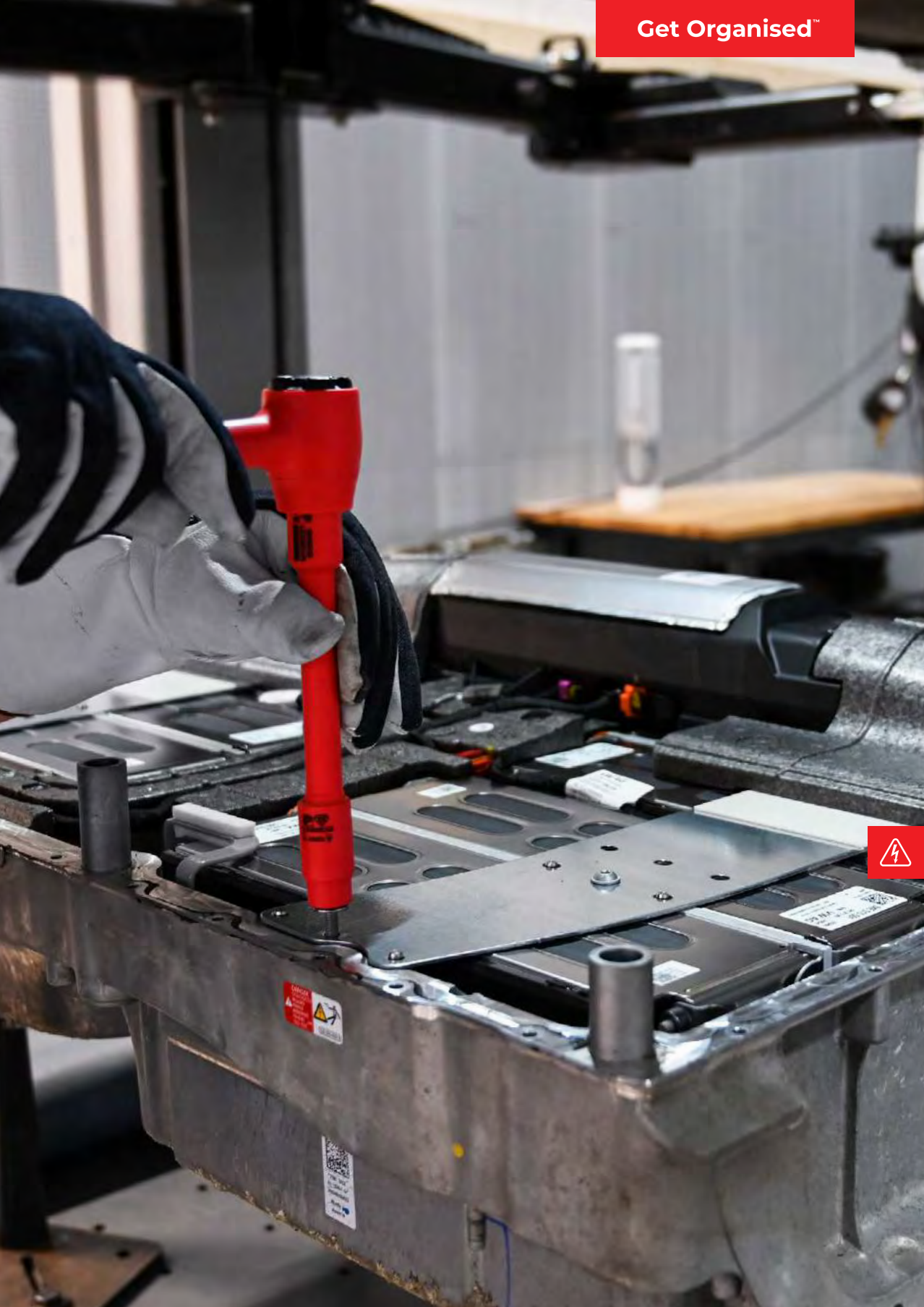
72 Teeth ratchet give a working arc of just 5° making it ideal for working in confined spaces

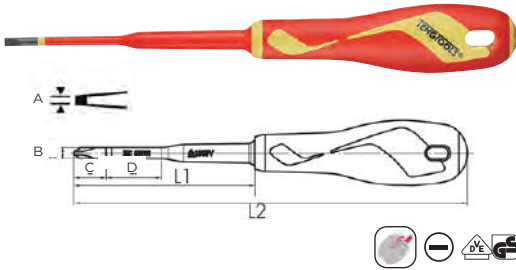
Insulation properties have been tested in resistance to cold and fire as well as in pressurised environments

Ergonomically designed handle for increased comfort and smooth action



Get Organised™

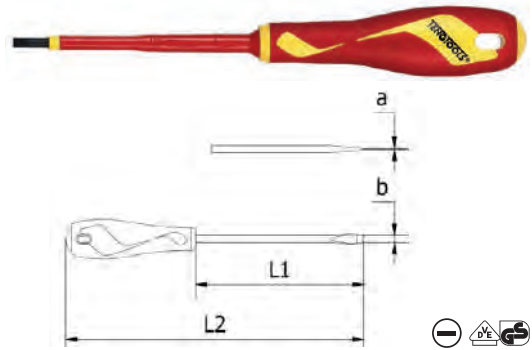




FLAT SLIM INSULATED SCREWDRIVER

- Reduced blade diameter giving an ultra slim blade for easier access
- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use with slotted screws
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to DIN 2380 and IEC 60900

ITEM ID:	a mm	b mm	c mm	d mm	Shaft	L1 mm	L2 mm	Weight g	HDL
MDV724N	0.8	4	15	31.5	RBD	100	208	51	M
MDV726N	1	5.5	15	31.5	RBD	125	233	66	M



FLAT INSULATED SCREWDRIVER

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use with slotted screws
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to DIN 2380 and IEC 60900

ITEM ID:	a mm	b mm	Shaft	L1 mm	L2 mm	Weight g	HDL
MDV820N	0.4	2.5	Straight	75	171	49	S
MDV822N	0.5	3	Straight	100	196	56	S
MDV823N	0.6	3.5	Straight	100	196	58	S
MDV824N	0.8	4	Straight	100	208	60	M
MDV826N	1	5.5	Straight	125	233	89	M
MDV828N	1.2	6.5	Straight	150	266	135	L



Insulated according to IEC 60900, usable up to 1000 V
 VDE tested, also in conformance to GPSG (Equipment and Product Safety Act)

Reduced blade diameter (RBD)



TT SERIES Insulated Sets available

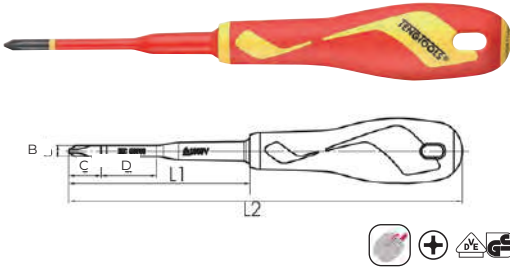
MODULAR TOOL CONTROL SYSTEM

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FOAM SERIES Insulated Sets available

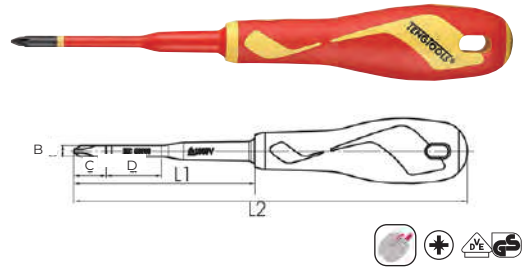
MODULAR TOOL CONTROL SYSTEM

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**PH SLIM INSULATED SCREWDRIVER**

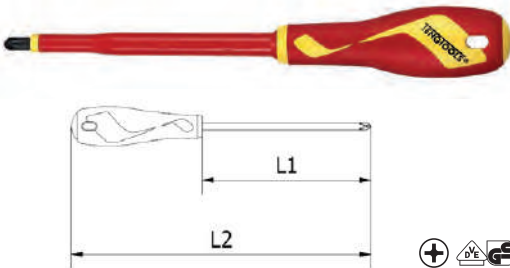
- Reduced blade diameter giving an ultra slim blade for easier access
- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use with Phillips type screws
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to DIN 2380 and IEC 60900

ITEM ID:	⊕	b mm	c mm	d mm	Shaft	L1 mm	L2 mm	Weight g	HDL
MDV742N	PH1	4.5	18	30	RBD	80	188	51	M
MDV744N	PH2	6	18	30.5	RBD	100	216	95	L

**PZ SLIM INSULATED SCREWDRIVER**

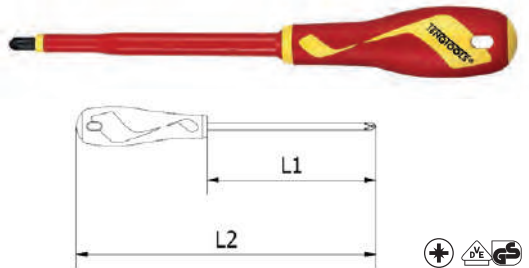
- Reduced blade diameter giving an ultra slim blade for easier access
- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use with Pozidriv type screws
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to DIN 2380 and IEC 60900

ITEM ID:	⊕	b mm	c mm	d mm	Shaft	L1 mm	L2 mm	Weight g	HDL
MDV762N	PZ1	4.5	18	30	RBD	80	188	51	M
MDV764N	PZ2	6	18	30.5	RBD	100	216	95	L

**PH INSULATED SCREWDRIVER**

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use with Phillips type screws
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to DIN 2380 and IEC 60900

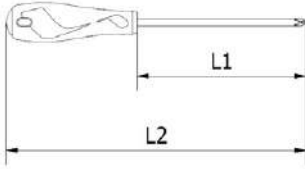
ITEM ID:	⊕	Shaft	L1 mm	L2 mm	Weight g	HDL
MDV840N	PH0	Straight	60	156	49	S
MDV842N	PH1	Straight	80	188	54	M
MDV844N	PH2	Straight	100	216	118	L
MDV846N	PH3	Straight	150	275	177	XL

**PZ INSULATED SCREWDRIVER**

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use with Pozidriv type screws
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to DIN 2380 and IEC 60900

ITEM ID:	⊕	Shaft	L1 mm	L2 mm	Weight g	HDL
MDV860N	PZ0	Straight	60	156	49	S
MDV862N	PZ1	Straight	80	188	54	M
MDV864N	PZ2	Straight	100	216	118	L
MDV866N	PZ3	Straight	150	275	177	XL

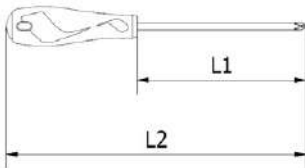




FLAT/PH INSULATED SCREWDRIVER

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to IEC 60900

ITEM ID:		Shaft	L1 mm	L2 mm	Weight g	HDL
MDV844NF	Slotted/PH2	Straight	100	216	118	L
MDV864NF	Slotted/PZ2	Straight	100	216	118	L



ROB INSULATED SCREWDRIVER

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use with ROB type screws with a square hole
- TT-MV PLUS steel alloy for greater strength and material flexibility
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to IEC 60900

ITEM ID:		Shaft	L1 mm	L2 mm	Weight g	HDL
MDV802N	ROB2	Straight	100	216	118	L

Insulated according to IEC 60900, usable up to 1000 V
VDE tested, also in conformance to GPSPG (Equipment and Product Safety Act)

Reduced blade diameter (RBD)



LARGE INSULATED HANDLE FOR INTERCHANGEABLE BLADES

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use 1000V interchangeable blades
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to IEC 60900

ITEM ID:	Length mm	Height mm	Width mm	Weight g	HDL
MDV700	122	36.7	37	66 g	L



SMALL INSULATED HANDLE FOR INTERCHANGEABLE BLADES

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- For use 1000V interchangeable blades
- Ergonomically designed bi-material handle for easy use with higher torque
- Designed and manufactured to IEC 60900

ITEM ID:	Length mm	Height mm	Width mm	Weight g	HDL
MDV710	100	23	23	26g	S

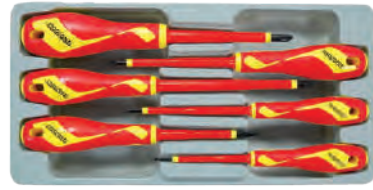




INSULATED INTERCHANGE- ABLE SCREWDRIVERS BLADES

- Approved for live working up to 1,000 volts
- For use with 1000V handles
- Designed and manufactured to IEC 60900

ITEM ID:	Tip	Shaft	Length mm	Weight g	
MDV731	⊖	3	Straight	111	9 g
MDV732	⊖	4	RBD	151	15 g
MDV733	⊖	5.5	RBD	131	21 g
MDV734	⊖	6.5	RBD	151	28 g
MDV751	⊕	PH1	RBD	131	15 g
MDV752	⊕	PH2	RBD	151	26 g
MDV771	⊕	PZ1	RBD	131	15 g
MDV772	⊕	PZ2	RBD	151	26 g



INSULATED SCREWDRIVER SET FLAT & PH

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- Designed and manufactured to DIN ISO 2380, DIN ISO 8764 and IEC60900

1000V Insulated Screwdrivers:

⊖	mm:	2.5 x 75	3 x 100	4 x 100	5.5 x 125
⊕	mm:	PH1 x 80	PH2 x 100		

Item ID: **MDV906N**



What are our insulated tools tested for?

- Insulation properties, i.e. resistance up to 1000 volts in dry or humid environments.
- Resistance to the cold, i.e. how well the tool withstands the cold
- Durability, i.e. that the insulating handles do not come loose
- Resistance to fire, i.e. how well the tool withstands fire
- Insulating properties under pressure, i.e. how well the tool maintains its insulating properties when subjected to pressure



**TT
SERIES** Insulated Sets available

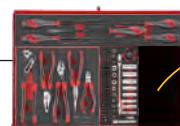
MODULAR TOOL CONTROL SYSTEM



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**FOAM
SERIES** Insulated Sets available

MODULAR TOOL CONTROL SYSTEM



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1/4" INSULATED TORQUE SCREWDRIVER 1-5NM

- Approved for live working up to 1,000 volts
- Torque screwdriver covering 1-5Nm for our VDE interchangeable blades
- Slipper mechanism ensures that no torque is applied beyond the set torque
- Simple to adjust and easy to read window Nm scale
- Push locking facility to ensure the set torque is maintained
- Accurate to +/- 6% and conforms to ISO6789 for assured reliability and accuracy
- Individually tested and certified at the time of manufacture
- Each torque wrench has it's own individual certification number for easier quality control management
- Design and manufactured to IEC 60900

ITEM ID:	Range Nm
1492TVSD	1-5



INSULATED SIDE CUTTING PLIER

- Approved for live working up to 1,000 volts
- Chrome molybdenum steel
- 80° cutting edge angle
- Electricians style function
- TPR grip for a more secure and comfortable grip
- Designed and manufactured to DIN5749 and IEC60900

ITEM ID:	Length			Cutting Capacity mm			Weight
	AF	mm	GRIP	●	◐	◑	g
MBV441-6	6"	150	TPR	1.6	2.0	2.5	206



HEAVY DUTY INSULATED SIDE CUTTING PLIER

- Approved for live working up to 1,000 volts
- Chrome molybdenum steel
- 80° cutting edge angle
- Electricians style function
- TPR grip for a more secure and comfortable grip
- Designed and manufactured to DIN5749 and IEC60900

ITEM ID:	Length			Cutting Capacity mm			Weight
	AF	mm	GRIP	●	◐	◑	g
MBV442-8	8"	200	TPR	2.5	3.0	4.0	305



TT SERIES Insulated Sets available

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FOAM SERIES Insulated Sets available

MODULAR TOOL CONTROL SYSTEM



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INSULATED COMBINATION PLIER

- Approved for live working up to 1,000 volts
- Features a pipe grip with serrated jaw for a more secure grip
- Chrome molybdenum alloy steel for durability and strength
- 80° cutting edge angle
- TPR grip for a more secure and comfortable grip
- Designed and manufactured to DIN5746 and IEC60900

ITEM ID:	Length			Cutting Capacity mm			Weight g
	AF	mm	GRIP	●	◐	◑	
MBV451-7	7"	175	TPR	1.8	2.0	3.8	225
MBV451-8	8"	200	TPR	2.0	2.2	4.0	283



INSULATED LONG NOSE PLIER

- Approved for live working up to 1,000 volts
- Long straight jaws for easier access
- Jaws with a serrated grip for increased gripping power
- Chrome molybdenum alloy steel for durability and strength
- 80° cutting edge angle
- TPR grip for a more secure and comfortable grip
- Designed and manufactured to DIN5745 and IEC60900

ITEM ID:	Length			Cutting Capacity mm			Weight g
	AF	mm	GRIP	●	◐	◑	
MBV461-8	8"	200	TPR	1.5	1.8	2.8	199



Insulated according to IEC 60900, usable up to 1000 V

VDE tested, also in conformance to GPSG (Equipment and Product Safety Act)



Piano Wire



Hard Wire



Medium Hard Wire



INSULATED WIRE STRIPPING PLIER

- 7" 1,000 volt insulated wire stripping pliers
- Approved for live working up to 1,000 volts
- Medium carbon alloy steel construction
- With adjuster screw to suit wire diameters from 0.2 to 4.5mm
- Return spring for easier operation
- TPR grip for a more secure and comfortable grip
- Designed and manufactured to IEC 60900

ITEM ID:	Length			Stripping Capacity mm	Weight g
	AF	mm	GRIP		
MBV499-7	6"	155	TPR	0.2 - 4.5	175



INSULATED PLIER SET WALL RACK 4 PIECES

- Approved for live working up to 1,000 volts
- TPR grip for a more secure and comfortable grip
- Supplied with a wall rack for fixing to the wall or a workbench
- Designed and manufactured to DIN5745, DIN5746, DIN5749 and IEC60900

1000V Insulated Pliers:

SIDE CUTTER	6" / 150 mm
HEAVY DUTY SIDE CUTTERS	8" / 200 mm
LONG NOSE	8" / 200 mm
COMBINATION PLIERS	7" / 175 mm

Item ID: **WRMBV04**



MECCA PRO™



MECCA PRO INSULATED SCREWDRIVER & PLIER SET 18 PIECES

- Approved for live working up to 1,000 volts
- Screwdrivers with Integrated protective insulation with two colours to clearly indicate if there is any damage to the insulation
- TPR grip on the pliers and bi-material handles on the screwdrivers for a more secure and comfortable grip
- Hard wearing case with tools laid out to easily identify where tools belong
- Secure lock system to ensure that the lid is closed correctly
- Designed and manufactured to IEC 60900

1000V Screwdrivers:

	mm:	2.5 x 75	3 x 100	4 x 100	5.5 x 125	6.5 x 150
	mm:	PH0 x 60	PH1 x 80	PH2 x 100	PH3 x 150	
	mm:	PZ0 x 60	PZ1 x 80	PZ2 x 100	PZ3 x 150	

1000V Pliers:

6" side cutters, 8" heavy duty side cutters, 8" combination, 8" long nose, 7" wire strippers

Item ID: **TV18N**



TT SERIES Insulated Sets available

MODULAR TOOL CONTROL SYSTEM



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3/8" DRIVE INSULATED RATCHET

- Approved for live working up to 1,000 volts
- 72 teeth giving 5 degree increments between clicks
- Twist reverse for quickly and easily changing between tightening and loosening
- Design and manufactured to DIN3122D and IEC60900

ITEM ID:	Drive	Reverse	No. of Teeth	Length mm	Weight g
MV3800	3/8"	Twist	72	200	343



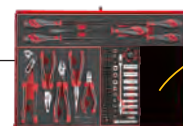
3/8" DRIVE INSULATED EXTENSION BAR

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage
- Ball recess on the female end to grip the ratchet
- Ball socket retainer on the male end to securely grip the socket
- Chrome vanadium
- Design and manufactured to DIN3123B and IEC60900

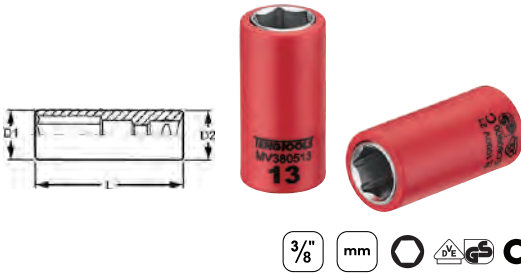
ITEM ID:	Drive	Length mm	Weight g
MV380020	3/8"	75	77
MV380021	3/8"	150	135

FOAM SERIES Insulated Sets available

MODULAR TOOL CONTROL SYSTEM



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3/8" DRIVE INSULATED SOCKETS

- Approved for live working up to 1,000 volts
- Integrated protective insulation with two colours to clearly indicate if there is any damage
- 6 point single hexagon socket for a better grip
- Chrome vanadium
- Ball recess on the female end to grip the ratchet
- Design and manufactured to DIN3120/3124, ISO2725 and IEC 60900

ITEM ID:	Size mm	L mm	D1 mm	D2 mm	Weight g
MV380506	6	46	14.8	23	29
MV380507	7	46	15.7	23	29
MV380508	8	46	17	23	30
MV380509	9	46	18.2	23	31
MV380510	10	46	19.4	23	31
MV380511	11	46	20.7	23	32
MV380512	12	46	23	23	33
MV380513	13	46	23	23	37
MV380514	14	46	24.7	23	39
MV380515	15	46	26	23	40
MV380516	16	46	26.8	23	42
MV380517	17	46	29	23	47
MV380518	18	46	29.6	23	49
MV380519	19	46	30.7	23	53
MV380520	20	46	32.2	23	55



Manufactured to the highest standard

IEC 60 900 is an international standard for testing tools designed for electrical work on the production line

DIN EN 60900 is a European standard drawn up in 1995 and which states that each individual tool must be tested with regard to insulation for 1000 volts

VDE is an independent authority that tests and checks tools with regard to construction, production and packaging

