

INSULATED TOOLS

For work on live equipment up to 1000 volts, Bahco offers a wide range of insulated safety tools consisting of more than 250 products.

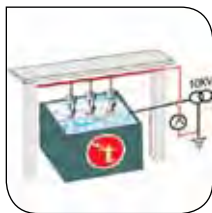
All Bahco insulated tools are manufactured according to the International Standard IEC60900 for working with live systems up to 1000 V AC and 1500 V DC. They follow strict quality controls and all tools are subjected to the most stringent, individual tests.

We recommend following the safety instructions very closely when working with any live systems.

Chapter Index

ERGO™ SCREWDRIVERS	858-862
TEKNO+ SCREWDRIVERS	863-866
800 SERIES SCREWDRIVERS	867-869
PREMIUM SCREWDRIVERS	870-873
600 SERIES SCREWDRIVERS	874
PLIERS	875-884
WRENCHES	885-888
SOCKETS & ACCESSORIES	889-890
OTHER INSULATED TOOLS	891-893
PROTECTIVE EQUIPMENT	894-895
TOOLS SETS	896-897

ROUTINE TESTS IN ACCORDANCE TO IEC609000 SPECIFICATION



Dielectric test

The tools are immersed in water for 24 hours. A voltage of 10kV is then continuously applied for 3 minutes. The test is considered successful if no electrical puncture, spark over, or flashover occurs during the test period. Leakage limits must not be exceeded.



Retaining force test

This test is applied to tools that can be assembled. A force is applied to the assembled parts in an effort to separate them. If, after a minute, the parts remain assembled, the test is passed.



Impact test

The tools are cooled to -25° C for 2 hours. Then, a special hammer is used with some force on the insulating layer. The test is considered successful if the insulating material shows no breaks and passes the dielectric test.



Permanent marking durability

The markings are rubbed for 15 seconds with a rag soaked in water, and then for 15 seconds with a rag soaked in isopropanol. The test is passed if, after this process, the markings are still legible.



Insulation adhesion test

The tools are stored at a temperature of 70°C for 168 hours. Then, a force of 490 N is applied in the direction of the line dividing the insulating material from the conductive part for 3 minutes. During this test the insulation material must stay firmly attached to the tools.



Penetration test

The insulated surfaces of the tools are pressed with a special device. A voltage of 5000 V is then applied to the tool for 3 minutes. The test is considered successful if no electrical puncture, spark-over, or flash-over occurs during the test period.



Flame test

When placed over a fire, where the height of the flames on the tools does not exceed 120 mm, if the insulation material does not melt or leak, then the test is passed.



Visual and dimensional

The tools, and in particular the insulation, are visually controlled and have to be free from external defects. The markings have to be perfectly legible and the dimensions have to be in accordance with the standard.



SAFETY COLOUR CODE

All Bahco insulated tools have a colour-coded, three-layer insulation coating. This provides protection as well as creating a visual warning system. If the outer insulation layer gets

damaged, the lighter colour underneath will become visible and warn the user. This makes it easier to detect damage to the insulation.



SAFETY INSTRUCTIONS FOR WORKING WITH LIVE SYSTEMS

- Always transport your insulated tools carefully to avoid damage
- Examine each tool for damage before every use. If the insulation is damaged, the tools should not be used
- Keep all tools in good condition with regular maintenance. The insulated tools should be kept clean and dry
- Protective glasses should be worn when working with cutting pliers or above your head
- Work space should be kept clean, dry and tidy to prevent accidents when working with live voltage
- Make sure you use the tools for their intended purposes and always use the right tool size
- Always wear the proper personal protective equipment required for the job. Protect your eyes, hands, ears and other body parts
- Make sure that loose and cut-off parts of cables do not fall onto live components



BE-8010S - BE-8065S

ERGO™ SLOTTED SCREWDRIVERS

ergo®



IEC 60900



- Insulated screwdriver for slotted head screws developed according to the scientific ERGO™ process
- For work on live equipment up to 1000 volts
- ISO 2380, IEC 60900, VDE certified
- 3-component handle, for maximum user comfort and force transmission
- High performance alloy steel blade
- Colour-coded handle with the screw type symbol on the domed end

	 731415		 mm	 mm	 mm	 mm	 mm	 g
BE-8010S	0033058	5	0.4	2.5	75	20x122	197	30
BE-8220S	0048243	5	0.5	3.0	100	20x122	222	33
BE-8230S	0048250	5	0.6	3.5	100	20x122	222	33
BE-8040S	0033089	5	0.8	4.0	100	20x122	222	33
BE-8050S	0033096	5	1.0	5.5	125	27x122	247	62
BE-8255S	0048281	5	1.2	6.5	150	36x122	272	105
BE-8065S	0033119	5	1.2	8.0	175	36x122	297	127

BE-8600S - BE-8640S

ERGO™ PHILLIPS SCREWDRIVERS

ergo®



IEC 60900



- Insulated screwdriver for Phillips head screws developed according to the scientific ERGO™ process
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- 3-component handle, for maximum user comfort and force transmission
- High performance alloy steel blade
- Colour-coded handle with the screw type symbol on the domed end

	 731415			 mm	 mm	 mm	 g
BE-8600S	0033126	5	PH 0	75	20x122	197	31
BE-8610S	0033133	5	PH 1	80	27x122	202	64
BE-8620S	0033140	5	PH 2	100	36x122	222	108
BE-8630S	0033157	5	PH 3	150	36x122	272	159
BE-8640S	0033164	5	PH 4	200	36x165	365	268


BE-8800S - BE-8840S
ERGO™ POZIDRIV SCREWDRIVERS


IEC 60900



- Insulated screwdriver for Pozidriv head screws developed according to the scientific ERGO™ process
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- 3-component handle, for maximum user comfort and force transmission
- High performance alloy steel blade
- Colour-coded handle with the screw type symbol on the domed end

	 731415			 mm	 mm	 mm	 g
BE-8800S	1839055	5	PZ 0	75	20x122	197	31
BE-8810S	0048298	5	PZ 1	80	27x122	202	64
BE-8820S	0048304	5	PZ 2	100	36x122	222	110
BE-8830S	0048311	5	PZ 3	150	36x122	272	159
BE-8840S	1839062	5	PZ 4	200	36x161	365	268

BE-8725S - BE-8708S
ERGO™ HEXAGON HEAD SCREWDRIVERS


IEC 60900



- Insulated screwdriver for hexagon head screws developed according to the scientific ERGO™ process
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- 3-component handle, for maximum user comfort and force transmission
- High performance alloy steel blade
- Colour-coded handle with the screw type symbol on the domed end

	 731415		 mm	 mm	 mm	 mm	 g
BE-8725S	1839123	5	2.5	75	20x122	197	33
BE-8703S	1839130	5	3	75	20x122	197	62
BE-8704S	1839147	5	4	75	20x122	197	78
BE-8705S	1839154	5	5	175	27x122	297	128
BE-8706S	1839161	5	6	200	27x122	322	159
BE-8708S	1839178	5	8	200	36x122	322	235



BE-8910S - BE-8930S



ERGO™ TORX® HEAD SCREWDRIVERS

- Insulated screwdriver for TORX® head screws developed according to the scientific ERGO™ process
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- 3-component handle, for maximum user comfort and force transmission
- High performance alloy steel blade
- Colour-coded handle with the screw type symbol on the domed end

731415				mm	mm	mm	mm	g
BE-8910S	1839079	5	T 10	2.72	100	20x122	222	33
BE-8915S	1839086	5	T 15	3.26	125	27x122	247	62
BE-8920S	1839093	5	T 20	3.84	125	27x122	247	62
BE-8925S	1839109	5	T 25	4.40	150	27x122	272	77
BE-8930S	1839116	5	T 30	5.49	175	36x122	297	129

BE-8510S - BE-8520S

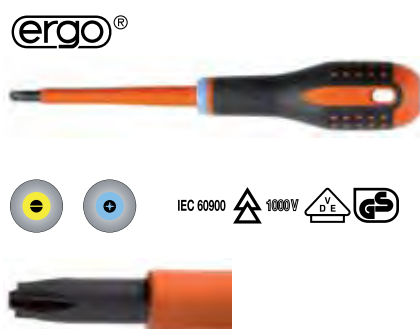


ERGO™ COMBI TIPS PHILLIPS/SLOTTED SCREWDRIVERS

- Insulated combination screwdriver for slotted and Phillips head screws developed according to the scientific ERGO™ process
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- 3-component handle, for maximum user comfort and force transmission
- High performance alloy steel blade
- Colour-coded handle with the screw type symbol on the domed end

731415					mm	mm	mm	g
BE-8510S	0126507	5	5	-	1	80	27x122	202
BE-8520S	0126514	5	6	-	2	100	36x122	222

BE-8710S - BE-8720S



ERGO™ COMBI TIPS POZIDRIV/SLOTTED SCREWDRIVERS

- Insulated combination screwdriver for slotted and Pozidriv head screws developed according to the scientific ERGO™ process
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- 3-component handle, for maximum user comfort and force transmission
- High performance alloy steel blade
- Colour-coded handle with the screw type symbol on the domed end

731415					mm	mm	mm	g
BE-8710S	0126521	5	5	1	-	80	27x122	202
BE-8720S	0126538	5	6	2	-	100	36x122	222

BE-9881S

ERGO™ SCREWDRIVERS SETS



- ERGO™ insulated screwdriver set for slotted and Phillips head screws, 5 pcs
- For work on live equipment up to 1000 volts
- In cardboard box

BE-9881S	731415 1839307	1	450
BE-8220S, BE-8040S, BE-8050S 0.5x3x100, 0.8x4x100, 1x5.5x125 mm			
BE-8610S, BE-8620S PH1x80, PH2x100			

BE-9882S

ERGO™ SCREWDRIVERS SETS



- ERGO™ insulated screwdriver set for slotted and Pozidriv head screws, 5 pcs
- For work on live equipment up to 1000 volts
- In cardboard box

BE-9882S	731415 1839314	1	450
BE-8220S, BE-8040S, BE-8050S 0.5x3x100, 0.8x4x100, 1x5.5x125			
BE-8810S, BE-8820S PZ1x80, PZ2x100			



BE-9888S

ERGO™ SCREWDRIVERS SETS

ergo®



IEC 60900 1000V

- ERGO™ insulated screwdriver set for slotted and Pozidriv head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box

BE-9888S	731415	1	530
BE-8010S, BE-8220S, BE-8040S, BE-8050S 0.4x2.5x75, 0.5x3.0x100, 0.8x4.0x100, 1.0x5.5x125			
BE-8800S, BE-8800S, BE-8830S PZ0x75, PZ2x100, PZ3x150			

BE-9885S

ERGO™ COMBI TIP SCREWDRIVERS SET

ergo®



IEC 60900 1000V

- ERGO™ insulated screwdriver set for slotted, Phillips and Pozidriv head screws, 4 pcs (8 different tips)
- For work on live equipment up to 1000 volts
- In cardboard box

BE-9885S	0126491	1	445
806-1-1 0.6x3x65			
BE-8510S, BE8520S 5/PH1, 6/PH2			
BE-8710S, BE-8720S 5/PZ1, 6/PZ2			



033

TEKNO+ SLOTTED SCREWDRIVERS



IEC 60900










1000V



VDE



- Insulated screwdriver for slotted head screws
- For work on live equipment up to 1000 volts
- ISO 2380, IEC 60900, VDE certified
- High performance alloy steel blade
- Double shape handle allows optimum grip and maximum torque power
- Hole in the handle permits the insertion of a T-bar for added turning force
- Colour-coded handle for quick identification of the tip

	 841281		 mm	 mm	 mm	 mm	 g
033.030.100	4033310	10	3.0	0.5	100	100	42
033.035.100	4033327	10	3.5	0.6	100	100	42
033.040.100	4033419	10	4.0	0.8	100	100	42
033.055.125	4033518	10	5.5	1.0	125	115	75
033.065.150	4033617	10	6.5	1.2	175	130	135
033.080.175	4033815	10	8.0	1.2	175	130	135
033.100.200	4033112	10	10.0	1.6	200	145	227

034

TEKNO+ PHILLIPS SCREWDRIVERS



IEC 60900










1000V



VDE



- Insulated screwdriver for Phillips head screws
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- High performance alloy steel blade
- Double shape handle allows optimum grip and maximum torque power
- Hole in the handle permits the insertion of a T-bar for added turning force
- Colour-coded handle for quick identification of the tip

	 841281			 mm	 mm	 g
034.000.100	4034010	10	PH 0	100	100	42
034.001.150	4034119	10	PH 1	150	115	91
034.002.175	4034218	10	PH 2	175	130	141
034.003.200	4034317	10	PH 3	200	145	228



035

TEKNO+ POZIDRIV SCREWDRIVERS



- Insulated screwdriver for Pozidriv head screws
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- High performance alloy steel blade
- Double shape handle allows optimum grip and maximum torque power
- Hole in the handle permits the insertion of a T-bar for added turning force
- Colour-coded handle for quick identification of the tip

035.000.100	841281	10	PZ 0	100	100	40

036

TEKNO+ HEXAGONAL NUT DRIVER



- Insulated hexagonal nut driver
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- High performance alloy steel blade
- Double shape handle allows optimum grip and maximum torque power.
- Hole in the handle permits the insertion of a T-bar for added turning force
- Colour-coded handle for quick identification of the tip

	841281		mm	mm	mm	g
036.055.125	4036519	5	5.5	125	115	103
036.060.125	4036618	5	6.0	125	115	105
036.070.125	4036717	5	7.0	125	130	151
036.080.125	4036816	5	8.0	125	130	155
036.100.125	4036106	5	10.0	125	130	157
036.130.125	4036137	5	13.0	125	145	222









202.030

TEKNO+ SCREWDRIVERS SET



- Insulated screwdriver set for slotted and Phillips head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box



			
202.030	4202303	1	722
033 3x100, 4x100, 5.5x125, 6.5x150			
034 PH0x100, PH1x150, PH2x175			









202.031

TEKNO+ SCREWDRIVERS SET



- Insulated screwdriver set for slotted and Pozidriv head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box



			
202.031	4202310	1	722
033 3x100, 4x100, 5.5x125, 6.5x150			
035 PZ0x100, PZ1x150, PZ2x175			











202.035

TEKNO+ SCREWDRIVERS SET



- Insulated screwdriver set for slotted and Phillips head screws, 6 pcs + voltage tester
- For work on live equipment up to 1000 volts
- In cardboard box



			
202.035	4108742	1	675
033 3x100, 4x100, 5.5x125			
034 PH0x100, PH1x150, PH2x175			
806-1-2			











202.033

TEKNO+ SCREWDRIVERS SET IN ZIP CASE



IEC 60900  1000V  

- Insulated screwdriver set for slotted and Phillips head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box and zip case

			
202.033	4121376	1	1.000
033 3x100, 4x100, 5.5x125, 6.5x150			
034 PH0x100, PH1x150, PH2x175			









202.032

TEKNO+ SCREWDRIVERS SET IN ZIP CASE



IEC 60900  1000V  

- Insulated screwdriver set for slotted and Pozidriv head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box and zip case

			
202.032	4119298	1	1.000
033 3x100, 4x100, 5.5x125, 6.5x150			
035 PZ0x100, PZ1x150, PZ2x175			



813VDE

800 SERIES SLOTTED SCREWDRIVERS

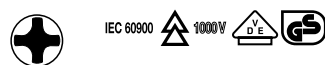


- Insulated screwdriver for slotted head screws
- For work on live equipment up to 1000 volts
- ISO 2380, IEC 60900, VDE certified
- High performance alloy steel blade
- 2-component handle, with hanging hole and anti-roll design
- Symbol-coded handle for quick identification of the tip
- SB: Retail packed

	 731415		 mm	 mm	 mm	 mm	 mm	 g
813VDE-3-100	1846176	10	0.5	3.0	100	27x90	190	40
813VDE-3,5-100	1846183	10	0.6	3.5	100	27x90	190	40
813VDE-4-100	1846190	10	0.8	4.0	100	27x90	190	40
813VDE-5,5-125	1846206	10	1.0	5.5	125	30x100	225	60
813VDE-6,5-150	1846213	10	1.2	6.5	150	33x110	260	90
813VDE-8-175	1846220	10	1.2	8.0	175	33x110	285	110
813VDE-10-200	1846237	10	1.6	10.0	200	36x120	320	175
813VDE-12-200	1846244	10	2.0	12.0	200	36x120	320	205
SB813VDE-3-100	3001627	1	0.5	3.0	100	27x90	190	44
SB813VDE-3,5-100	3001634	1	0.6	3.5	100	27x90	190	44
SB813VDE-4-100	3001641	1	0.8	4.0	100	27x90	190	44
SB813VDE-5,5-125	3001658	1	1.0	5.5	125	30x100	225	64
SB813VDE-6,5-150	3001665	1	1.2	6.5	150	33x110	260	94
SB813VDE-8-175	3001672	1	1.2	8.0	175	33x110	285	114

815VDE

800 SERIES PHILLIPS SCREWDRIVERS



- Insulated screwdriver for Phillips head screws
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- High performance alloy steel blade
- 2-component handle, with hanging hole and anti-roll design
- Symbol-coded handle for quick identification of the tip
- SB: Retail packed

	 731415			 mm	 mm	 mm	 g
815VDE-0-100	1846251	10	PH 0	100	27x90	190	40
815VDE-1-150	1846268	10	PH 1	150	30x110	250	75
815VDE-2-175	1846275	10	PH 2	175	33x110	285	110
815VDE-3-200	1846282	10	PH 3	200	36x120	320	175
815VDE-4-200	1846299	10	PH 4	200	36x120	320	205
SB815VDE-0-100	3001702	1	PH 0	100	27x90	190	64
SB815VDE-1-150	3001719	1	PH 1	150	30x110	250	79
SB815VDE-2-175	3001726	1	PH 2	175	33x110	285	114
SB815VDE-3-200	3001733	1	PH 3	200	36x120	320	179



800 SERIES SCREWDRIVERS

816VDE

800 SERIES POZIDRIV SCREWDRIVERS



IEC 60900



1000V



VDE



- Insulated screwdriver for Pozidriv head screws
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- High performance alloy steel blade
- 2-component handle, with hanging hole and anti-roll design
- Symbol-coded handle for quick identification of the tip
- SB: Retail packed

816VDE-0-100	1846138	10	PZ 0	100	27x90	190	40

817V

800 SERIES HEXAGONAL NUT DRIVER



IEC 60900



1000V

- Insulated hexagonal nut driver
- For work on live equipment up to 1000 volts
- ISO 691, IEC 60900
- High performance alloy steel blade
- 2-component handle, with hanging hole and anti-roll design
- Symbol-coded handle for quick identification of the tip
- SB: Retail packed

817V-6	0128976	5	6	125	30x100	225	85
817V-7	0128983	5	7	125	33x110	235	120
817V-8	0128990	5	8	125	33x110	235	120
817V-10	0129003	5	10	125	36x120	245	145
817V-13	0129010	5	13	125	36x120	245	170


822VDE-5

800 SERIES SCREWDRIVERS SET



- Insulated screwdriver set for slotted and Phillips head screws, 5 pcs
- For work on live equipment up to 1000 volts
- In cardboard box



	 731415		 mm	 g
822VDE-5	3002365	1	335x192	360

813VDE
3x100, 4x100, 5.5x125 mm



815VDE
PH1x150, PH2x175




820VDE-5

800 SERIES SCREWDRIVERS SET



- Insulated screwdriver set for slotted and Pozidriv head screws, 5 pcs
- For work on live equipment up to 1000 volts
- In cardboard box



	 731415		 mm	 g
820VDE-5	3001146	1	335x192	360

813VDE
3.5x100, 4x100, 6.5x150 mm



816VDE
PZ1x150, PZ2x175





196

PREMIUM SLOTTED SCREWDRIVERS



IEC 60900



- Insulated screwdriver for slotted head screws
- For work on live equipment up to 1000 volts
- ISO 2380, IEC 60900, VDE certified
- High performance alloy steel blade
- Triangle shaped 2-component handle with hanging hole

	 731415		 mm	 mm	 mm	 mm	 g
196.025.100	4107516	10	2.5	0.4	100	75	28
196.030.100	4196312	10	3.0	0.5	100	75	31
196.035.100	4196329	10	3.5	0.6	100	75	31
196.040.100	4196411	10	4.0	0.8	100	88	43
196.055.125	4196510	10	5.5	1.0	125	100	68
196.065.150	4196619	10	6.5	1.2	150	110	100
196.080.175	4196817	10	8.0	1.2	175	110	118
196.100.200	4196114	10	10.0	1.6	200	120	191
196.120.200	4196121	10	12.0	2.0	200	120	217

197

PREMIUM PHILLIPS SCREWDRIVERS



IEC 60900



- Insulated screwdriver for Phillips head screws
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- High performance alloy steel blade
- Triangle shaped 2-component handle with hanging hole

	 841281			 mm	 mm	 g
197.000.100	4197005	10	PH 0	100	75	31
197.001.150	4197012	10	PH 1	150	100	84
197.002.175	4197029	10	PH 2	175	110	121
197.003.200	4197036	10	PH 3	200	120	190
197.004.200	4197043	10	PH 4	200	120	218



142

PREMIUM POZIDRIV SCREWDRIVERS



IEC 60900 1000V VDE

- Insulated screwdriver for Pozidriv head screws
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900, VDE certified
- High performance alloy steel blade
- Triangle shaped 2-component handle with hanging hole

	 841281			 mm	 mm	 g
142.000.100	4142098	10	PZ 0	100	75	31
142.001.150	4142012	10	PZ 1	150	100	84
142.002.175	4142029	10	PZ 2	175	110	122
142.003.200	4142036	10	PZ 3	200	120	190

199

PREMIUM HEXAGONAL NUT DRIVER



IEC 60900 1000V VDE

- Insulated hexagonal nut driver
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- High performance alloy steel blade
- Triangle shaped 2-component handle with hanging hole

	 841281		 mm	 mm	 mm	 g
199.050.125	4108759	5	5,0	125	100	101
199.055.125	4199511	5	5.5	125	100	101
199.060.125	4199610	5	6.0	125	100	127
199.070.125	4199719	5	7.0	125	110	151
199.080.125	4199818	5	8.0	125	110	142
199.090.125	4199917	5	9.0	125	110	142
199.100.125	4199108	5	10.0	125	110	142
199.110.125	4199115	5	11.0	125	120	181
199.120.125	4199122	5	12.0	125	120	183
199.130.125	4199139	5	13.0	125	120	188



219.600

PREMIUM SCREWDRIVER SETS

- Insulated screwdriver set for slotted and Phillips head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box



IEC 60900  1000V   

	 841281		 9
219.600	4219608	1	717

196
3x100, 4x100, 5.5x125, 6.5x150



197
PH0x100, PH1x150, PH2x175



219.605

PREMIUM SCREWDRIVER SETS

- Insulated screwdriver set for slotted and Pozidriv head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box



IEC 60900  1000V   

	 841281		 9
219.605	4219653	1	717

196
3x100, 4x100, 5.5x125, 6.5x150



142
PZ0x100, PZ1x150, PZ2x175





219.601

PREMIUM SCREWDRIVER SETS



- Insulated screwdriver set for slotted and Phillips head screws, 6 pcs + voltage tester
- For work on live equipment up to 1000 volts
- In cardboard box



IEC 60900













1000V



VDE



GS

			
219.601	841281 4107820	1	638
196 3x100, 4x100, 5.5x125			
197 PH0x100, PH1x150, PH2x175			
806-1-1			

219.602

PREMIUM SET IN ZIP CASE



- Insulated screwdriver set for slotted and Pozidriv head screws, 7 pcs
- For work on live equipment up to 1000 volts
- In cardboard box and zip case for a clean and easy storage



IEC 60900











1000V



VDE



GS

			
219.602	841281 4119304	1	900
196 3x100, 4x100, 5.5x125, 6.5x150			
142 PZ0x100, PZ1x150, PZ2x175			



600 SERIES SCREWDRIVERS

623

600 SERIES SLOTTED SCREWDRIVERS



- Insulated screwdriver for slotted head screws
- For work on live equipment up to 1000 volts
- ISO 2380, IEC 60900
- High quality steel
- 2-component handle with hanging hole

	 731415		 mm	 mm	 mm	 mm	 mm	 mm	 g
623-3-100	0128518	10	0.5	3.0	100	80	180	32	
623-3.5-100	0128525	10	0.6	3.5	100	80	180	32	
623-4-100	0128532	10	0.8	4.0	100	80	180	33	
623-5.5-125	0128549	10	1.0	5.5	125	97	223	61	
623-6.5-150	0128556	10	1.2	6.5	150	100	250	94	

625

600 SERIES PHILLIPS SCREWDRIVERS



- Insulated screwdriver for Phillips head screws
- For work on live equipment up to 1000 volts
- ISO 8764, IEC 60900
- High quality steel
- 2-component handle with hanging hole

	 731415			 mm	 mm	 mm	 g
625-0-100	0128563	10	PH 0	100	80	180	32
625-1-150	0128570	10	PH 1	150	97	247	68
625-2-175	0128587	10	PH 2	175	110	285	116

620-6

600 SERIES SCREWDRIVER SET SLOTTED/PHILLIPS



- Insulated screwdriver set for slotted and Phillips head screws, 6 pcs
- For work on live equipment up to 1000 volts
- In clamshell packaging

	 731415		 g
620-6	0128594	1	465

623
3x100, 4x100, 5.5x125, 6.5x150



625
PH-1, PH-2

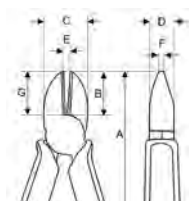


2171V








SIDE CUTTERS



IEC 60900  1000V  



- Insulated side cutting pliers
- For work on live equipment up to 1000 volts
- ISO 5749, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- Induction hardened cutting edges
- 3 layer colour insulation coating

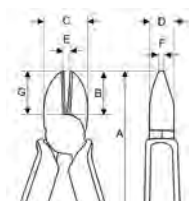
	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Cu mm	 Fe+ mm	 Piano mm	 g
2171V-160	0126798	2	160	20	25	12	3	2	20	2.7	2.5	1.6	221
2171V-180	0126804	2	180	22	24	12	2.0	2	22	2.8	2.5	2.0	267

2191V






SIDE CUTTERS



IEC 60900  1000V  



- Insulated heavy duty side cutting pliers
- For work on live equipment up to 1000 volts
- ISO 5749, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel Induction hardened cutting edges
- 3 layer colour insulation coating

	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Cu mm	 Fe+ mm	 Piano mm	 g
2191V-180	0128716	2	180	20	25	12	29	15	20	3.0	2.5	2.0	348
2191V-200	0128723	2	200	21	26	12	2.5	33	21	4.0	3.0	2.5	375

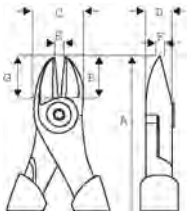


2101S




SIDE CUTTERS



IEC 60900  1000V



- Insulated side cutting pliers
- For work on live equipment up to 1000 volts
- ISO 5749, IEC 60900
- Black oxidized and anti-corrosion treated finish
- High performance alloy steel
- Induction hardened cutting edges
- Plastic injected handles
- Progressive edges: The cutting radius progresses along the edge in order to cut hard material like piano wire close to the joint and soft materials like copper and plastic insulated wire at the tip
- Screw joint that provides excellent running and accurate alignment of the cutting edges
- Reduced distance from the joint to the centre of the cutting edges give increased leverage and cutting capacity
- Round shaped jaws give improved accessibility in confined spaces

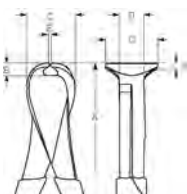
	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Cu mm	 Fe+ mm	 Piano mm	 g
2101S-140	0106592	3	140	16	19.5	9	1.5	1.3	16	3.7	2.0	1.8	126
2101S-160	0106608	3	160	18	21.5	10	2.0	1.5	18	3.8	2.5	2.0	162
2101S-180	0106615	3	180	20	23.5	11	2.5	1.5	20	4.0	2.7	2.3	245
2101S-200	0106622	3	200	22	25.5	11	2.5	1.5	22	4.5	3.0	2.5	304

527V






END CUTTER



IEC 60900  1000V  



- Insulated end cutting pliers
- For work on live equipment up to 1000 volts
- ISO 5748, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating

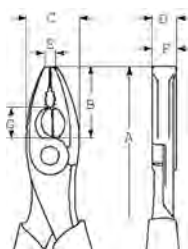
	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Piano mm	 g
527V-160	0126811	2	160	7	26.5	11	3.0	3.0	21	2.0	270
527V-200	0126828	2	200	7	35	35.0	13	3.0	30	2.5	320

2678V

COMBINATION PLIERS



IEC 60900  1000V  



- Insulated combination pliers
- For work on live equipment up to 1000 volts
- ISO 5749, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating

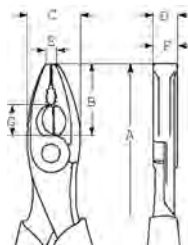
	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Cu mm	 Fe+ mm	 Piano mm	 g
2678V-160	0126835	2	160	33	23	11	6	11.0	12	2.7	2.0	1.8	255
2678V-180	0126842	2	180	36	26	13	8	11.5	13	3.0	2.5	2.0	348
2678V-200	0126859	2	200	39	28	12	9	12.0	14	4.0	3.0	2.5	350

2628S







COMBINATION PLIERS



IEC 60900  1000V



- Insulated combination pliers
- For work on live equipment up to 1000 volts
- ISO 5746, IEC 60900
- Black oxidized and anti-corrosion treated finish
- High performance alloy steel
- Plastic injected handles
- Edges specially designed to cut harder material such as piano wire and spring steel wire
- Gripping surfaces particularly suited for gripping round and flat material
- Round shaped jaws give improved accessibility in confined spaces
- Reduced distance from the joint to the centre of the cutting edges give increased leverage and cutting capacity

	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Fe+ mm	 Piano mm	 g
2628 S-180	0044054	3	180	36	25	11	4.0	11	14	2.5	2.0	240
2628 S-200	0043002	3	200	39	27	12	4.5	12	16	3.0	2.5	300



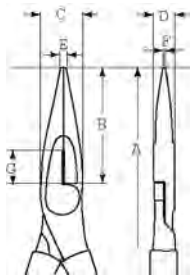
2430V








SNIPE NOSE PLIERS



IEC 60900  1000V  

- Insulated snipe nose pliers
- For work on live equipment up to 1000 volts
- ISO 5745, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- Sharp edges for cutting softer material such as copper and plastic insulated wire
- Tips give a good grip and improved accessibility in confined spaces



	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Cu mm	 Fe mm	 Fe+ mm	 g
2430V-160	0126880	2	160	49	16	8	3.0	2.5	12	3.0	1.8	1.6	160
2430V-200	0126897	2	200	72	17	9	4.0	2.5	12	3.0	1.8	1.6	170

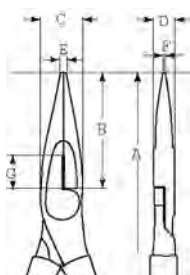
2430S








SNIPE NOSE PLIERS



IEC 60900  1000V

- Insulated snipe nose pliers
- For work on live equipment up to 1000 volts
- ISO 5745, IEC 60900
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- Plastic injected handles
- Sharp edges for cutting softer material such as copper and plastic insulated wire
- Tips give a good grip and improved accessibility in confined spaces



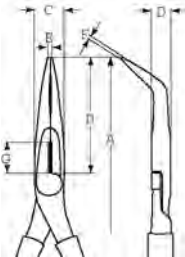
	 731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	 Cu mm	 Fe mm	 Fe+ mm	 g
2430 S-200	0033010	3	200	72	17	9	4	2.5	12	3.0	1.8	1.6	170

2427V

SNIPE NOSE PLIERS



IEC 60900



- Insulated snipe nose pliers with tip angled at 60°
- For work on live equipment up to 1000 volts
- ISO 5745, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- Sharp edges for cutting softer material such as copper and plastic insulated wire

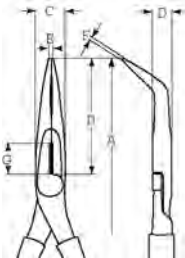
			A	B	C	D	E	F	G				
2427V-200	0126903	2	200	70	17	9	2	2	12	3.0	1.8	1.6	170

2427S

SNIPE NOSE PLIERS



IEC 60900



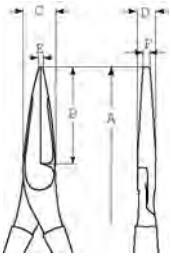
- Insulated snipe nose pliers with tip angled at 60°
- For work on live equipment up to 1000 volts
- ISO 5745, IEC 60900
- Black oxidized and anti-corrosion treated finish
- High performance alloy steel
- Plastic injected handles
- Sharp edges for cutting softer material such as copper and plastic insulated wire
- Tips give a good grip and improved accessibility in confined spaces

			A	B	C	D	E	F	G				
2427 S-200	0033027	3	200	70	17	9	2	2	12	3.0	1.8	1.6	170



2421V

FLAT NOSE PLIERS

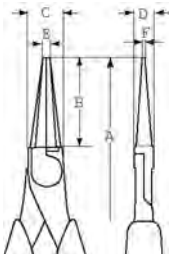


- Insulated long flat nose pliers
- For work on live equipment up to 1000 volts
- ISO 5745, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- Tips give a good grip and improved accessibility in confined spaces
- Particularly suited for gripping flat material

			A mm	B mm	C mm	D mm	E mm	F mm	
2421V-160	0126774	2	160	49	16.5	8.5	3	5.0	205

2521V

ROUND NOSE PLIERS

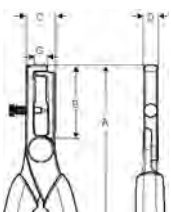


- Insulated round nose pliers
- For work on live equipment up to 1000 volts
- ISO 5745, IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- Suited for wire-bending work

			A mm	B mm	C mm	D mm	E mm	F mm	
2521V-160	0126781	2	160	42	16	7	3.0	1.5	120

2223V

WIRE STRIPPING PLIERS



- Insulated wire stripping pliers, for stripping copper cables up to 5 mm
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating

			A mm	B mm	C mm	D mm	G mm		AWG	
2223V-160	0134113	2	160	46	15	8	8	0.5-5	4-23	205

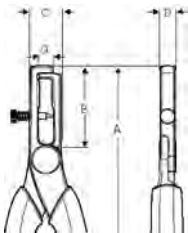
2223S






WIRE STRIPPING PLIERS



- Insulated wire stripping pliers, for stripping copper cables up to 5 mm
- For work on live equipment up to 1000 volts
- IEC 60900
- Black oxidized and anti-corrosion treated finish
- High performance alloy steel
- Plastic injected handles

IEC 60900  1000V



	 731415		A mm	B mm	C mm	D mm	G mm	 mm	AWG	 g
2223 S-150	0032983	3	167	46	15	8	8	0.5-5	4-23	170

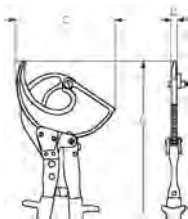
2806







CABLE CUTTERS



- Insulated cable cutters
- For work on live equipment up to 1000 volts
- IEC 60900
- 3 layer colour insulation coating
- For cutting copper and aluminium cables
- Not suitable for hard copper, steel cables or internal steel wire cables
- Single hand operation, easy release of the moving jaw
- Clean and smooth cut without distortion
- Cutting capacity
 - 1 Copper
 - 2 Aluminium

IEC 60900  1000V

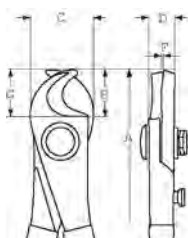


	 731415		A mm	C mm	D mm	 1 mm	 2 mm	 g
2806-35V	0122103	2	255	106	16.5	35	35	800
2806-52V	0122110	1	340	141	17.5	52	52	900

2250V








IEC 60900  1000V  



CABLE CUTTERS

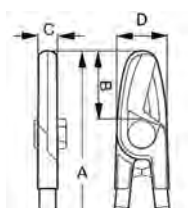
- Insulated cable cutters
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- The 170 mm version has a maximum opening of 15 mm and the 230 mm version has a maximum opening of 22 mm

	 731415		A mm	B mm	C mm	D mm	F mm	G mm	 mm	 g
2250V-170	0128730	2	170	17	28	10	9.0	18	0-10	210
2250V-230	0128747	2	230	22	35	13	12.0	27	0-15	425

2260V



IEC 60900  1000V  



CABLE CUTTERS

- Insulated cable cutters
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- Black oxidized and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- Maximum opening: 25 mm
- Cutting capacity: 18 mm Cu/Al
- Not suitable for steel cables

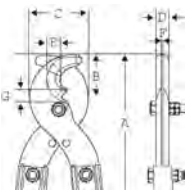
	 731415		A mm	B mm	C mm	D mm	 g
2260V-210	0128754	2	210	30	11	32	375

2520S

CABLE CUTTERS



IEC 60900 1000V



- Insulated cable cutters
- For work on live equipment up to 1000 volts
- IEC 60900
- Black oxidized and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- For aluminium or copper cables
- For a maximum service life, ferrous metal should only be cut with the noched part of the blades
- Cutting capacity: 30 mm diameter of Al/Cu with a messenger wire of hard steel of maximum 6 mm diameter
- 2520-SH: spare blades, screws and nut

	731415		A mm	B mm	C mm	D mm	E mm	F mm	G mm	g
2520 S	0033041	1	552	54	69.5	16	15	8	13	2200
2520-SH	8197506	1	220	54	69.5	15	16	8	13	800

2820VBC

BOLT CUTTER



IEC 60900 1000V

- Insulated bolt cutters
- For work on live equipment up to 1000 volts
- IEC 60900
- Induction hardened cutting edges
- 3 layer colour insulation coating
- Long arms with lever action head allow cutting hard wires with less effort
- For 80 kg/mm² a wire type Ø of 9 mm², for 120 kg/mm² a wire type Ø of 8 mm and for 160 kg/mm²; a wire type Ø of 7 mm

	731415		L mm	g
2820VBC	0121915	1	630	3100

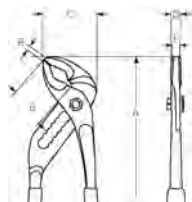


6224V

SLIP JOINT PLIERS



IEC 60900  1000V



- Insulated slip joint pliers
- For work on live equipment up to 1000 volts
- ISO 8976, IEC 60900
- Chrome plated and anti-corrosion treated finish
- High performance alloy steel
- 3 layer colour insulation coating
- Slim head for good accessibility
- Machined groove joint for higher stability

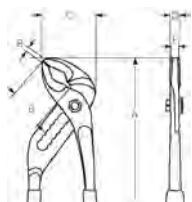
	 731415		A mm	B mm	C mm	D mm	E mm	F mm	 mm	 g
6224V	0128761	2	250	35	46	10	7	10	32	445

2619V






SLIP JOINT PLIERS



IEC 60900  1000V



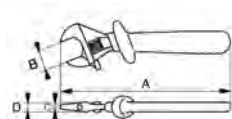
- Insulated box joint slip joint pliers
- For work on live equipment up to 1000 volts
- ISO 8976, IEC 60900
- Black finish and anti-corrosion treated
- High performance alloy steel
- 3 layer colour insulation coating

	 731415		A mm	B mm	C mm	D mm	E mm	F mm	 mm	 g
2619V-250	0128778	2	250	32	40	14.5	4.0	7.0	30	463
2619V-300	0128853	2	300	40	50	15.0	5.5	9.0	39	635







8070V - 8074V

ADJUSTABLE WRENCH

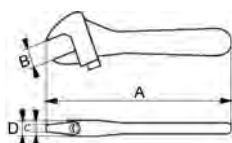


- Insulated adjustable wrench
- For work on live equipment up to 1000 volts
- ISO 6787, IEC 60900, VDE certified
- High performance alloy steel
- Chrome plated and anti-corrosion treated finish
- 3 layer colour insulation coating
- The moveable jaw slides easily by operating the thumb screw





	 731415		A mm	B mm	C mm	D mm	 g
8070V	0121519	2	165	20	5.5	12	175
8071V	0121526	2	205	24	7.5	13.5	250
8072V	0121533	2	260	29	9	16	405
8073V	0121540	2	310	36	11	19	650
8074V	0121557	2	390	43	13	24	1350

8071VLT - 8073VLT

ADJUSTABLE WRENCH



- Insulated adjustable wrench
- For work on live equipment up to 1000 volts
- IEC 60900
- High performance alloy steel
- Chrome plated and anti-corrosion treated finish
- 3 layer colour insulation coating
- The moveable jaw slides easily by operating the side screw

	 731415		A mm	B mm	C mm	D mm	 g
8071VLT	0121564	1	205	29	8	14	330
8072VLT	0121571	1	255	34	9	17	650
8073VLT	0121588	1	305	39	10	20	1000



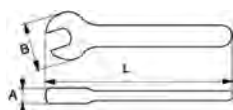
WRENCHES

6MV

OPEN END WRENCHES



- Insulated open end wrenches
- For work on live equipment up to 1000 volts
- IEC 60900, opening tolerance according to ISO 691, VDE certified
- High performance alloy steel
- 2 layer colour insulation coating 6-16 mm wrenches
- 3 layer colour insulation coating 17-32 mm wrenches



	 731415		 mm	L mm	A mm	B mm	 g
6MV-6	0120833	5	6	92	3.7	15.0	25
6MV-7	0120840	5	7	92	3.7	17.5	30
6MV-8	0120857	5	8	92	4.0	18.0	40
6MV-9	0120864	5	9	98	4.0	21.0	45
6MV-10	0120871	5	10	108	5.0	24.0	55
6MV-11	0120888	5	11	116	5.0	26.0	60
6MV-12	0120895	5	12	125	5.5	28.0	70
6MV-13	0120901	5	13	135	5.5	31.0	75
6MV-14	0120918	5	14	140	6.0	31.0	85
6MV-15	0120925	5	15	150	6.0	33.0	90
6MV-16	0120932	5	16	157	6.5	34.0	105
6MV-17	0120949	3	17	162	6.5	37.0	120
6MV-18	0120956	3	18	170	7.0	39.0	145
6MV-19	0120963	3	19	175	7.0	42.0	150
6MV-20	0120970	3	20	180	7.5	43.0	170
6MV-21	0120987	3	21	184	7.5	46.0	190
6MV-22	0120994	3	22	193	7.5	47.0	190
6MV-23	0121007	3	23	203	8.0	49.0	220
6MV-24	0121014	3	24	210	8.5	51.0	275
6MV-27	0121021	2	27	225	9.5	59.0	370
6MV-30	0121038	2	30	240	10.0	63.0	470
6MV-32	0121052	2	32	250	10.0	68.0	530

6MV/

OPEN END WRENCHES



- Insulated open end wrenches, 8 pcs
- For work on live equipment up to 1000 volts
- In black plastic pouch

	 731415			 g
6MV/8T	0122141	1	8	880



6MV
10 11 12 13 14 17 18 19 mm



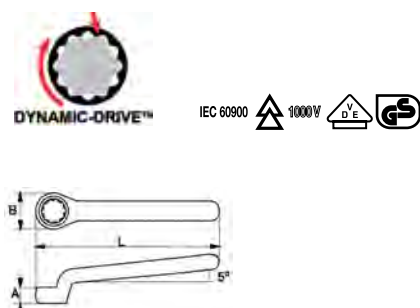


2MV

OFFSET RING WRENCHES



- Insulated offset ring wrenches
- For work on live equipment up to 1000 volts
- IEC 60900, opening tolerance according to ISO 691, VDE certified
- High performance alloy steel
- 3 layer colour insulation coating
- 12 point Dynamic-Drive Profile



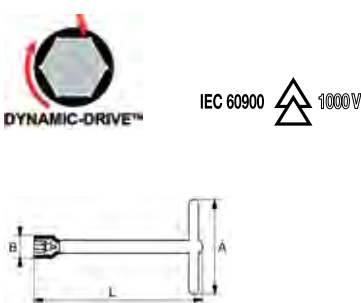
	 731415		 mm	L mm	A mm	B mm	 g
2MV-6	0121069	5	6.0	140	5.0	10.5	50
2MV-7	0121083	5	7.0	145	6.0	12.0	55
2MV-8	0121090	5	8.0	150	6.0	13.0	70
2MV-9	0121106	5	9.0	155	6.5	14.5	75
2MV-10	0121113	5	10.0	160	7.0	16.0	80
2MV-11	0121120	5	11.0	170	7.5	18.0	90
2MV-12	0121137	5	12.0	180	8.0	18.5	100
2MV-13	0121144	5	13.0	180	8.5	20.5	105
2MV-14	0121151	5	14.0	190	8.5	22.0	130
2MV-15	0121168	5	15.0	195	9.5	24.0	140
2MV-16	0121175	5	16.0	200	9.5	24.5	150
2MV-17	0121182	3	17.0	205	10.0	26.5	160
2MV-18	0121199	3	18.0	215	10.5	27.0	210
2MV-19	0121205	3	19.0	225	11.0	29.0	230
2MV-21	0121212	3	21.0	235	12.0	32.0	280
2MV-22	0121229	3	22.0	245	12.0	33.0	300
2MV-23	0121236	3	23.0	255	13.0	35.0	320
2MV-24	0121243	3	24.0	265	13.0	35.0	350

28MV

T-HANDLE



- Insulated T-handle
- For work on live equipment up to 1000 volts
- IEC 60900, opening tolerance according to ISO 691
- High performance alloy steel
- 3 layer colour insulation coating
- 6 point Dynamic-Drive Profile



	 731415		 mm	L mm	A mm	B mm	 g
28MV-8	0121274	2	8.0	200	130	16.5	101
28MV-9	0121281	2	9.0	200	130	18.0	143
28MV-10	0121298	2	10.0	200	130	19.5	150
28MV-11	0121304	2	11.0	200	130	20.5	159
28MV-12	0121311	2	12.0	200	140	22.0	216
28MV-13	0121328	2	13.0	200	140	23.0	260
28MV-14	0121335	2	14.0	200	140	24.5	272
28MV-15	0121342	2	15.0	200	140	25.5	312
28MV-16	0121359	2	16.0	200	140	27.0	322
28MV-17	0121366	2	17.0	200	140	28.0	331
28MV-18	0121373	2	18.0	200	140	29.5	421
28MV-19	0121380	2	19.0	200	140	30.5	435
28MV-20	0121397	2	20.0	200	140	32.5	515
28MV-21	0121403	2	21.0	200	140	33.0	531
28MV-22	0121410	2	22.0	200	140	34.5	579



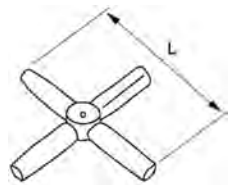
2820V






CROSS RIM WRENCHES



- Insulated cross rim wrenches
- For work on live equipment up to 1000 volts
- IEC 60900, opening tolerance according to ISO 691
- High performance alloy steel
- 2 layer colour insulation coating
- 6 point opening

IEC 60900  1000V



	 731415		 mm	L mm	 g
2820V13	0121823	1	7x9x11x13	210	420
2820V17	0121830	1	8x10x13x17	210	420

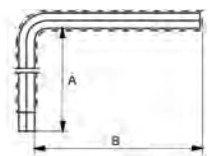
1999MV






HEXAGONAL KEY WRENCH



- Insulated hexagonal key wrench
- For work on live equipment up to 1000 volts
- IEC 60900
- High performance alloy steel
- 3 layer colour insulation coating

IEC 60900  1000V



	 731415		 mm	A mm	B mm	 g
1999MV-3	0121427	5	3	118.5	78.5	25
1999MV-4	0121434	5	4	118	78	35
1999MV-5	0121441	5	5	117.5	77.5	50
1999MV-6	0121458	5	6	117	87	75
1999MV-7	0121465	5	7	116.5	91.5	100
1999MV-8	0121472	5	8	116	100	145
1999MV-9	0121489	5	9	115.5	100	170
1999MV-10	0121496	3	10	115	110	210
1999MV-12	0121502	3	12	114	124	300

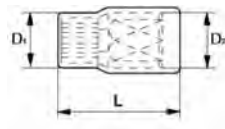


7800DMV

SOCKETS 1/2"



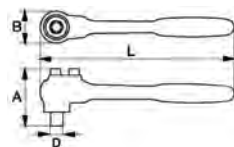
- Insulated 1/2" socket
- For work on live equipment up to 1000 volts
- ISO 2725, IEC 60900, VDE certified
- High performance alloy steel
- 2 layer colour insulation coating
- 12 point Dynamic-Drive Profile
- Not suitable for machine operation



	 731415		 mm	L mm	D1 mm	D2 mm	 g
7800DMV-8	0121649	10	8	50	17	22	80
7800DMV-10	0121656	10	10	50	19.5	22	82
7800DMV-11	0121663	10	11	50	20.5	22	84
7800DMV-12	0121670	10	12	50	22	22	86
7800DMV-13	0121687	10	13	50	23.2	22	88
7800DMV-14	0121694	10	14	50	24.5	22	90
7800DMV-15	0121700	10	15	50	25.5	23	92
7800DMV-16	0121717	10	16	50	27	23	95
7800DMV-17	0121724	10	17	50	28.2	24	98
7800DMV-18	0121731	10	18	50	29.5	25	105
7800DMV-19	0121748	10	19	50	30.5	27	115
7800DMV-20	0121755	10	20	50	32	28	125
7800DMV-21	0121762	10	21	50	33.2	29	135
7800DMV-22	0121779	10	22	52	34.5	30	140
7800DMV-24	0121786	5	24	52	37	33	155
7800DMV-27	0121793	5	27	54	40.5	37	195
7800DMV-30	0121809	5	30	56	44.5	40	210
7800DMV-32	0121816	5	32	58	47	43	225

8150-1/2V

RATCHET 1/2"



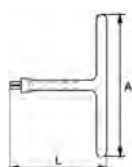
- Insulated 1/2" ratchet
- For work on live equipment up to 1000 volts
- ISO 3315/1174-2, IEC 60900, VDE certified
- High performance alloy steel
- 3 layer colour insulation coating
- 28 teeth ratchet to operate at a 13° angle
- One button changes the ratchet direction and the other button locks or releases the socket to the male square drive

	 731415		L mm	A mm	B mm	D mm	 g
8150-1/2V	0121601	1	270	77	50	12.5	735



SOCKETS & ACCESSORIES

8154-1/2V

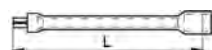


T-HANDLE 1/2"

- Insulated 1/2" T-handle
- For work on live equipment up to 1000 volts
- ISO 3315/1174-2, IEC 60900, VDE certified
- High performance alloy steel
- 2 layer colour insulation coating
- The male square drive has a slotted screw to move the ball outwards or inwards and lock or unlock the socket

8154-1/2V	0121595	1	200	190	520

8160-1/2V - 8162-1/2V



EXTENSION 1/2"

- Insulated 1/2" extension
- For work on live equipment up to 1000 volts
- ISO 3316/1174-2, IEC 60900, VDE certified
- High performance alloy steel
- 2 layer colour insulation coating
- The male square drive has a slotted screw to move the ball outwards or inwards and lock or unlock the socket

8160-1/2V	0121618	1	125	230
8162-1/2V	0121625	1	250	390

7811DMV



SOCKET SETS 1/2"

- Insulated 1/2" socket set, 11 pcs
- For work on live equipment up to 1000 volts
- Shock resistant plastic case

7811DMV	0122134	1	320x300x100	2800

7800DMV
10, 11, 13, 17, 19, 20, 22 mm

8150-1/2V
270 mm

8154-1/2V
200 mm

8160-1/2V
125 mm

813VDE-5.5-125
1.0x5,5x125



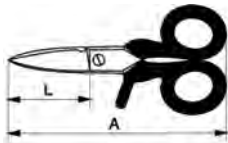


SC127V

SCISSORS



- Insulated scissors
- For work on live equipment up to 1000 volts
- IEC 60900
- 1 layer colour insulation coating
- Small groove in the blade for stripping cables

IEC 60900  1000V

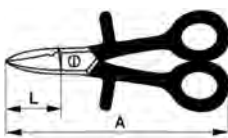
	 731415		L mm	A mm	 g
SC127V	0121847	5	50	130	100




SC150NGV

SCISSORS



- Insulated scissors
- For work on live equipment up to 1000 volts
- IEC 60900
- 2 layer colour insulation coating

IEC 60900  1000V

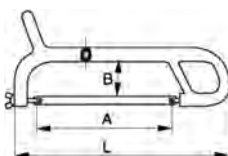
	 731415		L mm	A mm	 g
SC150NGV	0121854	5	38	150	170

2820HSV1

METAL CUTTING SAWS



- Insulated hacksaw
- For work on live equipment up to 1000 volts
- IEC 60900
- 3 layer colour insulation coating
- Supplied with reliable and shatterproof Sandflex® bi-metal blade 18TPI with excellent cutting performance and wear resistance

IEC 60900  1000V

	 731415		A mm	B mm	L mm	 g
2820HSV1	0121878	1	300	70	450	1100



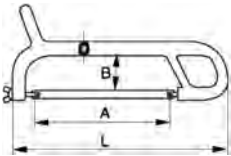
OTHER INSULATED TOOLS

2820HSV2

METAL CUTTING SAWS



IEC 60900  1000V



- Insulated hacksaw
- For work on live equipment up to 1000 volts
- IEC 60900
- 3 layer colour insulation coating
- Supplied with reliable and shatterproof Sandflex® bi-metal blade 18TPI with excellent cutting performance and wear resistance
- Hand guard for ultimate protection

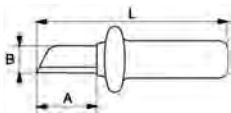
	 731415		A mm	B mm	L mm	 g
2820HSV2	0121861	1	300	70	450	1360

2820VP




STRAIGHT KNIFE



IEC 60900  1000V  



- Insulated knife
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- 3 layer colour insulation coating

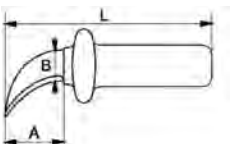
	 731415		A mm	B mm	L mm	 g
2820VP	0121885	2	50	22	180	130

2820VPC

CURVED KNIFE



IEC 60900  1000V  



- Insulated knife
- For work on live equipment up to 1000 volts
- IEC 60900, VDE certified
- 3 layer colour insulation coating

	 731415		A mm	B mm	L mm	 g
2820VPC	0121892	2	50	23	180	170



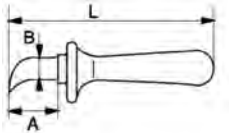
2820VHELP

CURVED KNIFE WITH GUIDE



- Insulated knife with guide
- For work on live equipment up to 1000 volts
- IEC 60900
- 1 layer injection moulded insulation

IEC 60900  1000 V



	 731415		A mm	B mm	L mm	 g
2820VHELP	0121908	1	38	20	180	70




2820VDE

CABLE KNIFE WITH PLASTIC PROTECTIVE CAP



- Insulated cable knife
- For work on live equipment up to 1000 volts
- IEC 60900
- 1 layer injection moulded insulation

IEC 60900  1000 V

	 731415		 L mm	 g
2820VDE	1605476	1	180	95

2820VTEE

TWEEZERS



- Insulated tweezers
- For work on live equipment up to 1000 volts
- IEC 60900
- 2 layer colour insulation coating

IEC 60900  1000 V

	 731151		 L mm	 g
2820VTEE	0121939	1	150	50



2820VFP

FUSE PULLER



IEC 60900  1000V

- Insulated fuse puller glove to hold NH fuses, sizes 00-3
- For work on live equipment up to 1000 volts
- IEC 60269-2-1 ed. 04.2002, DIN VDE 0636-201 ed.02.2003, DIN 57680-4 ed.11.1980, VDE certified
- Is operated from the inside by a locking and unlocking system
- Anti-slide protection and unlocking button

	 731415		 g
2820VFP	0121922	1	458

2820VM

INSULATING MAT



- Insulating mat
- For work on live equipment up to 5000 volts AC
- IEC60900, DIN VDE 0680 part 1: 1990-05, VDE certified
- Earth connection when operating live systems is avoided by standing on an insulated mat

	 731415		 mm	 g
2820VM	0121946	1	1000 x 1000	5555



2820VG

INSULATING GLOVES



- Insulated gloves
- 2820VG05 for work on live equipment up to 500 V AC and 750 V DC, material thickness 0.5 mm
- 2820VG10 for work on live equipment up to 1000 V AC and 1500 V DC, material thickness 1.0 mm
- IEC 61482-1, EN 60903
- Offers protection against electric arcs according to CENELEC ENV 50354 class 2 and IEC 61482-1
- Made of natural latex for anatomical fit, flexibility and dexterity
- Temperature resistant from -40°C to 90°C
- Size 10

	 731415		
2820VG05	0121953	1	235
2820VG10	0121960	1	240

2820VGCOT

COTTON GLOVES



- Cotton gloves to be used underneath insulated gloves
- THIS ITEM IS NOT INSULATED AND HAS TO BE USED WITH INSULATED GLOVES
- One size

	 731415		
2820VGCOT	0121977	1	30



3045/1VDE



ELECTRICIAN'S TOOL SET

- Tool set with a basic assortment of insulated tools, 10 pcs
- For work on live equipment up to 1000 volts
- In foldable case

3045/1VDE	731415 1783815	1	1700
BE-8220S, BE-8230S, BE-8240S, BE-8250S, BE-8255S, BE-8065S 0.5x3x100, 0.6x3.5x100, 0.8x4x100, 1.0x5.5x125, 1.2x6.5x150, 1.2x8x175 mm			
BE-8620S PH-2			
2665VDE 180 mm			
2457VDE 160 mm			
2674NVDE 160 mm			

3045V-1



INSULATED TOOLS SET

- Tool set with a basic assortment of insulated tools, 10 pcs
- For work on live equipment up to 1000 volts
- In leather briefcase with metallic reinforcements

3045V-1	731415 0128785	1	330x240x60 mm	2000
2171V 160 mm				
2678V 180 mm				
2223V				
BE-8220S, BE-8040S, BE-8050S 3x100, 4x100, 5,5x125				
BE-8610S, BE-8620S PH1x80, PH2x100				
2820VP				
SC127V				

3045V-2

INSULATED TOOLS SET



IEC 60900  1000V

- Tool set with a basic assortment of insulated tools, 19 pcs
- For work on live equipment up to 1000 volts
- In leather briefcase with metal reinforcements

	 731415		 mm	 g
3045V-2	0128792	1	430x260x160	5500

2171V
160 mm



2678V
180 mm



2430V
160 mm



2223V



BE-8220S BE-8040S BE-8050S BE-8255S
3x100, 4x100, 5,5x125, 6,5x150



BE-8610S BE-8620S
PH1x80, PH2x100



6MV
10, 11, 12, 13, 14, 17, 19



2820VP



SC150NGV

