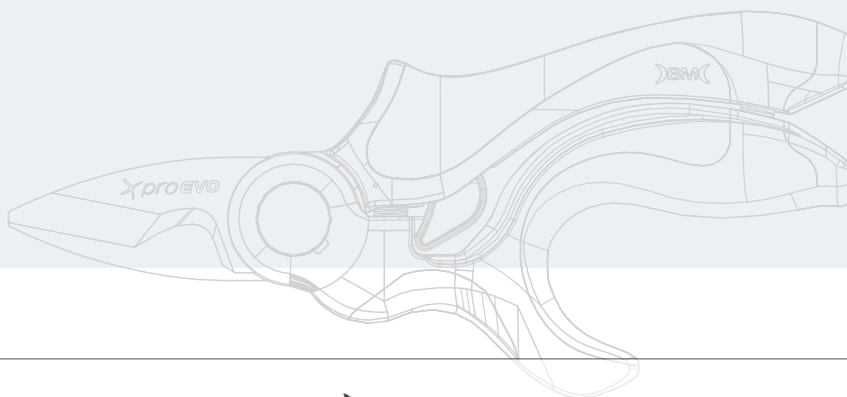




X-PRO EVO SCISSORS



The X-PRO EVO scissors come with an innovative design, featuring lines and volumes that perfectly follow the hand's anatomy and posture, ensuring a better grip and greater comfort while cutting.

X-pro EVO

Body made of bi-component material that combines a soft touch material and a non-slip surface for a comfortable and safe grip

Rugged handle with steel blades running through it all its length

The convenient closing clip can be released with a single gesture

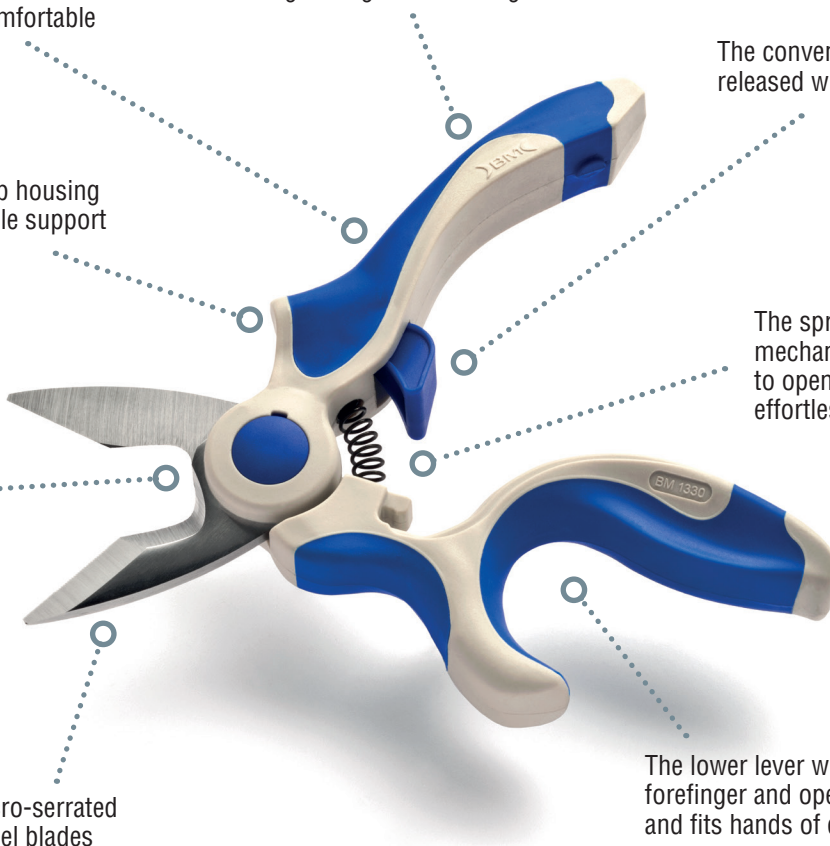
The upper lever with thumb housing makes for more comfortable support

The spring opening mechanism allows you to open the scissors effortlessly

Special profile suitable for cutting and stripping cables. Cutting up to 50 mm²

Antiskid micro-serrated stainless steel blades

The lower lever with housing for the forefinger and open eyelet is comfortable and fits hands of different sizes



Safety case with adjustable clip for fastening to the belt



Ergonomic handle, ideal for extended use without fatigue



reddot design award
honourable mention 2013

SCISSORS · X-PRO EVO



- innovative design with lines and volumes that ensure excellent ergonomics.
- thanks to the special open loop shape of the lower level it fits into hands of different sizes
- body in bi-component material that alternates soft touch material with a non-slip surface for a comfortable and safe grip, which allows cutting with less effort
- sturdy handle, the steel blades run along its entire length
- the spring opening system allows the scissors to be opened effortlessly for effective stripping and cutting of the cables. The blade locking device is released with a single gesture
- antiskid micro-serrated blades
- blades with variable geometry profiles enables you to cut and strip copper and aluminium cables up to 50 mm²

HANDLE MATERIAL: bi-component plastic material

BLADE MATERIAL: stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1330	√	160	125	1/12



red dot design award
honourable mention 2013

SCISSORS · X-PRO



- body in bi-component material that alternates soft touch material with a non-slip surface for a comfortable and safe grip, which allows cutting with less effort
- the spring opening system allows the scissors to be opened effortlessly for effective stripping and cutting of the cables. The blade locking device is released with a single gesture
- antiskid micro-serrated blades

HANDLE MATERIAL: bi-component plastic material

BLADE MATERIAL: stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1325	√	153	98	1/12



red dot design award
honourable mention 2013

SCISSORS · MAXI GRIP



- innovative design with flat top eyelet that guarantees a greater cutting lever
- antiskid micro-serrated blades
- measuring notches in cm on the handle

HANDLE MATERIAL: bi-component plastic material

BLADE MATERIAL: 57-60 HRC hardened stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1310		151	75	1/12
1311	√	151	111	1/20

SCISSORS · EXTRA LIGHT



- compact structure with light and universal structure
- antiskid micro-serrated blades
- anti loosening pin

HANDLE MATERIAL: plastic material

BLADE MATERIAL: 57-60 HRC hardened stainless steel

Code	Length (mm)	Weight (g)	
1332	143	55	1/24

SCISSORS · HEAVY DUTY



- robust design
- antiskid micro-serrated blades
- anti loosening pin
- wire-stripping nick

HANDLE MATERIAL: bi-component plastic material

BLADE MATERIAL: 57-60 HRC hardened stainless steel

Code	With safety case	Length (mm)	Weight (g)	
1320		145	80	1/12
1321	√	145	116	1/20

UNIVERSAL SHEARS



- the spring opening system allows the scissors to be opened effortlessly for effective stripping and cutting of the cables. The blade locking device is released with a single gesture
- antiskid micro-serrated blades
- anti loosening pin
- integrated wire stripper for sections of 1, 1.5 and 2 mm². To carry out the operation, simply insert the wire in the corresponding section and press the handle

HANDLE MATERIAL: bi-component plastic material

BLADE MATERIAL: 52-54 HRC hardened stainless steel

Code	Length (mm)	Weight (g)	
1340	200	164	1/12

CABLE CUTTER



- for copper and aluminum cables
- robust and ergonomic design
- adjustable anti loosening pin
- blade locking device
- return spring

HANDLE MATERIAL: bi-component plastic material

BLADE MATERIAL: 52-54 HRC hardened stainless steel

Code	Max cable section (mm²)	Length (mm)	Weight (g)	
1335	35	183	149	1/12

CABLE STRIPPER WITH KNIFE



- transverse and longitudinal cut
- adjustable cut depth
- provided with a spare blade in the handle

BODY MATERIAL: in shockproof plastic

BLADE MATERIAL: steel

Code	Description	Diameter (mm)	Weight (g)	
1350	cable stripper with knife	8 - 28	90	1/10
1354	spare blade		2	10/10

PIPE CUTTER · DUCT CUTTER



- versatile ratchet tool for cutting plastic pipes (max 42 mm) and ducts (max 30x15 mm) as PVC, PP and PE
- the resin support, inserted in to the tool jaws, is provided with cutting marks with angles of 45°, 90° and 135°

Code	Length (mm)	Weight (g)	
1136	240	450	1/1

CABLE STRIPPER



- transverse and longitudinal cut
- adjustable cut depth
- provided with a spare blade in the handle

BODY MATERIAL: in shockproof plastic

BLADE MATERIAL: steel

Code	Description	Diameter (mm)	Weight (g)	
1351	cable stripper	4 - 28	80	1/10
1353	cable stripper	28 - 35	90	1/10
1354	spare blade		2	10/10



CABLE STRIPPER KNIFE



- retractable steel hook knife
- BODY MATERIAL:** in shockproof plastic
BLADE MATERIAL: steel
BLADE MATERIAL: steel

Code	Description	Diameter (mm)	Weight (g)	
1355	cable stripper knife	4 - 28	70	1/2
1356	spare blade	4 - 28	2	10/10
1357	spare hookblade		10	10/10

AUTOMATIC WIRE STRIPPER



- automatic stripping without adjustment of the sections
 - integrated cable cutter for cables up to Ø 2 mm
 - stripping length adjustable from 5 to 12 mm
- BODY MATERIAL:** in shockproof plastic

Code	Flexible conductor section (mm²)	Rigid conductor section (mm²)	Weight (g)	
1370	0,2 - 6	0,2 - 6	105	1/6

AUTOMATIC WIRE STRIPPER



- automatic stripping without adjustment of the sections
 - integrated cable cutter for cables up to Ø 3 mm
 - suitable for flat cables (0.75 - 1.5 mm²)
- BODY MATERIAL:** in shockproof plastic

Code	Flexible conductor section (mm²)	Rigid conductor section (mm²)	Weight (g)	
1371	0,5 - 16	0,5 - 10	205	1/6

WIRE STRIPPER FOR COAXIAL CABLES



- automatic stripping without adjustment of the sections
 - integrated cable cutter
- BODY MATERIAL:** in shockproof plastic

Code	Diameter (mm)	Weight (g)	
1372	4,8 - 7,5	55	1/12

AUTOMATIC WIRE STRIPPER PLIERS



It works by simply inserting the wire in the proper section and pressing the handle. The length of the removable part can be adjusted by means of a slot.

Code	Flexible conductor section (mm ²)	Cable type	
544	0,5 - 6	one-pole PVC	1/1

DOUBLE BLADE CUTTER



- reclosable knife equipped with two easily interchangeable blades: cutter and cutting blade 60 mm long
- fast switching from one blade to the other
- safety lock for opening and closing the blades
- rear hook for fastening to the belt and hanging case with blade holder pocket
- supplied with five spare blades

BODY MATERIAL: in aluminium

Code	Description	Length (mm)	Weight (g)	
1363	double blade knife	110	216	1/1
1364	spare blade		4	5/5

CUTTER



BLADE MATERIAL: steel

Code	Description	Length (mm)	Weight (g)	
1360	cutter	170	80	1/24
1361	spare blade		6	10/10

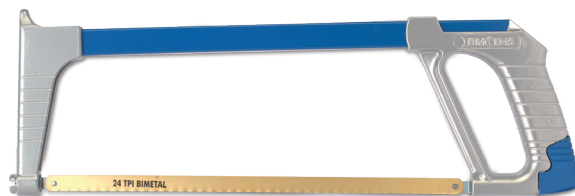
POCKET HACKSAW



- hacksaw with replaceable blade
- supplied with metal blade

Code	Description	Length (mm)	Weight (g)	
1341	pocket hacksaw	150	130	1/5
1342	spare blade		3	12/144

HACKSAW



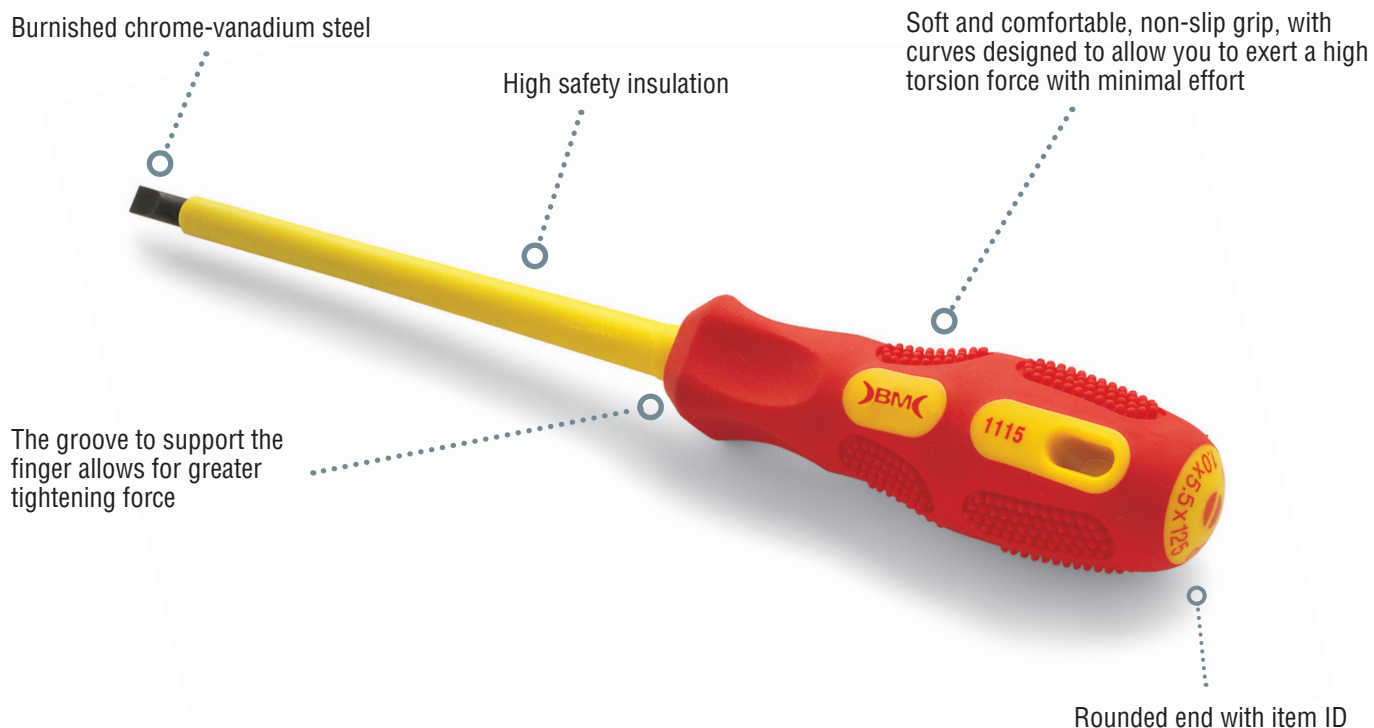
- hacksaw with replaceable blade
- supplied with Bimetall BAHCO blade for steel
- adjustable blade in 6 different cutting positions

Code	Description	Length (mm)	Weight (g)	
1345	pocket hacksaw	300	560	1/8
1344	spare blade		15	100/100

INSULATED SCREWDRIVERS

To ensure maximum safety, BM screwdrivers for electricians have passed numerous tests and comply with the EN 60900 standard for use with voltage up to 1000 V.

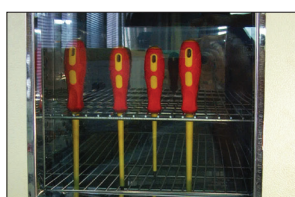
Thanks to the use of chromium-vanadium steel with induction hardening and opaque surface blueing, BM screwdrivers offer high performance and last for a long time. The handle is made of bi-component reinforced elastomer, a non-sticky and corrosion resistant material.



△ 1 000 V EN 60900:2004
(IEC 60900:2004)



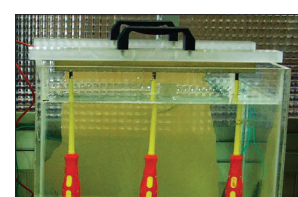
High temperature test,
flame retardant test.



Low temperature test.



Individual tension tests.



Dielectric water bath test at
10000 V.

INSULATED SCREWDRIVERS · SLOTTED



TIP MATERIAL: burnished chrome-vanadium steel
HANDLE MATERIAL: bi-component reinforced elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	⌀ (mm)	— (mm)	— (mm)	⚡
1112	2,5	75	145	1/12
1113	3	100	170	1/12
1114	4	100	200	1/12
1115	5,5	125	225	1/12
1116	6,5	150	260	1/12
1118	8	175	285	1/6



1000 V

INSULATED SCREWDRIVERS · PHILLIPS HEAD (PH)



TIP MATERIAL: burnished chrome-vanadium steel
HANDLE MATERIAL: bi-component reinforced elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	⌀ (mm)	— (mm)	— (mm)	⚡
1120	0	60	130	1/12
1121	1	80	180	1/12
1122	2	100	210	1/12
1123	3	150	272	1/6



1000 V

INSULATED SCREWDRIVERS · POZIDRIV HEAD (PZ)



TIP MATERIAL: burnished chrome-vanadium steel
HANDLE MATERIAL: bi-component reinforced elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	⌀ (mm)	— (mm)	— (mm)	⚡
1130	0	60	130	1/12
1131	1	80	180	1/12
1132	2	100	210	1/12
1133	3	150	272	1/6



1000 V

INSULATED SCREWDRIVERS · NUT DRIVERS



HANDLE MATERIAL: bi-component reinforced elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	⌀ (mm)	— (mm)	— (mm)	⚡
1151	7	125	235	1/12
1152	8	125	235	1/12
1153	9	125	235	1/12
1154	10	125	235	1/12
1155	11	125	235	1/12
1156	12	125	235	1/12
1157	13	125	235	1/12



1000 V

INSULATED SCREWDRIVERS · 5 PCS SET (SLOTTED + PH)



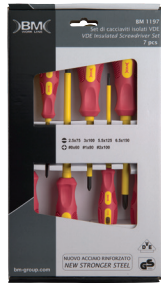
TIP MATERIAL: burnished chrome-vanadium steel
HANDLE MATERIAL: bi-component reinforced elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code			
1195	1/6		
Component	⌀ (mm)	+	(mm)
1112	2,5		75
1114	4		100
1116	6,5		150
1121		1	80
1122		2	100



1000 V

INSULATED SCREWDRIVERS · 7 PCS SET (SLOTTED + PH)



TIP MATERIAL: burnished chrome-vanadium steel
HANDLE MATERIAL: bi-component reinforced elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code			
1197	1/6		
Component	⌀ (mm)	+	(mm)
1112	2,5		75
1113	3		100
1115	5,5		125
1116	6,5		150
1120		0	60
1121		1	80
1122		2	100



1000 V

INSULATED SCREWDRIVERS · 4 PCS SET (NUT DRIVERS)



HANDLE MATERIAL: bi-component reinforced elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code			
1194	1/1		
Component	⌀ (mm)	(mm)	
1151	7	125	
1152	8	125	
1154	10	125	
1157	13	125	



1000 V

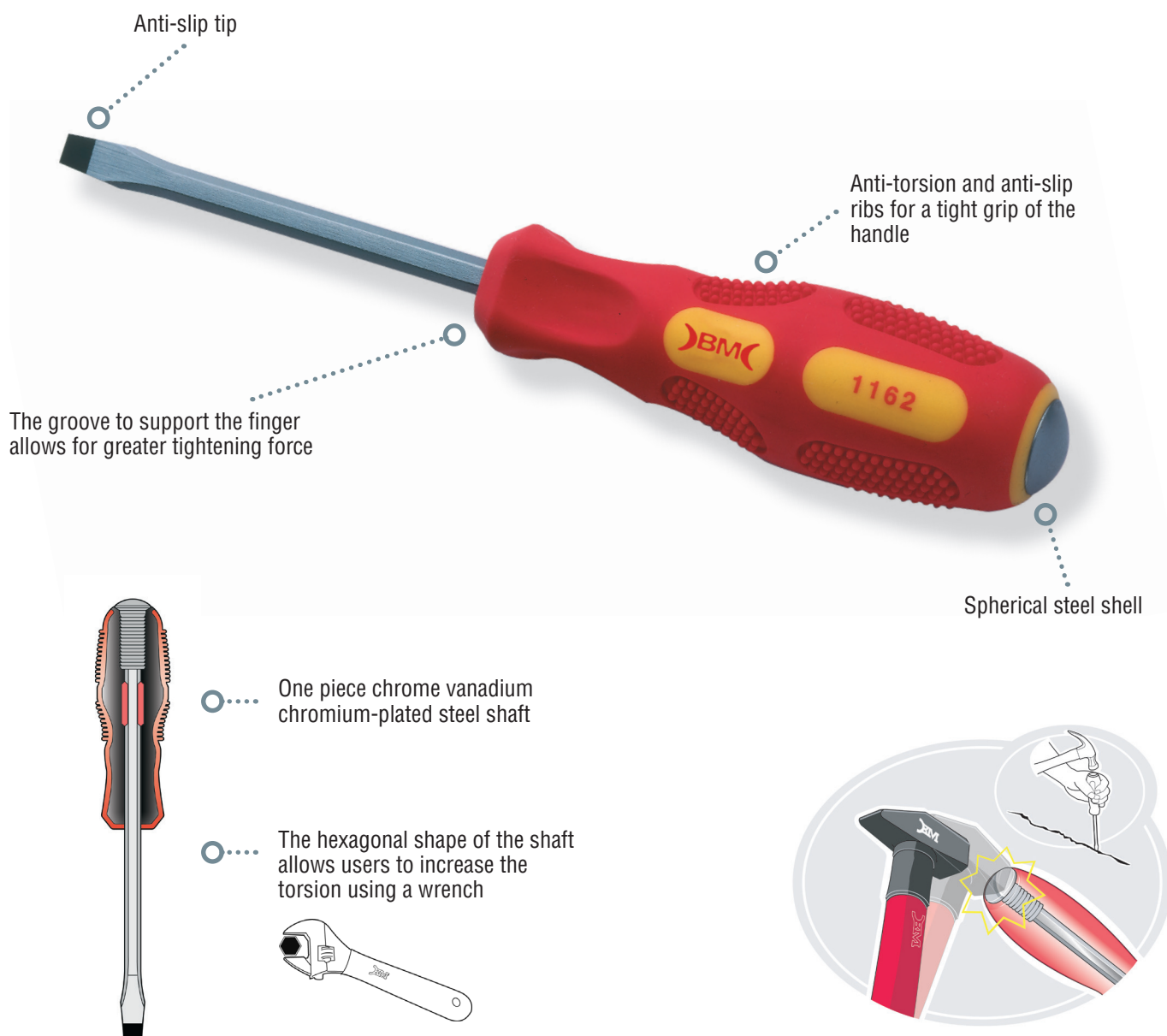
REINFORCED SCREWDRIVERS

Made from a single piece of chrome vanadium chromium-plated steel, the shaft transfers the impact force from the spherical shell to the tip without straining the handle. Plus, thanks to its special design, it absorbs the vibrations produced by the impact, eliminating discomfort and stress on the hand.

Anti-torsion and anti-slip ribs for a tight grip of the handle.

The hexagonal shape of the shaft allows users to increase the torsion using a wrench.

The innovative design of the bi-component elastomer handle ensures a soft and comfortable anti-slip grip.



REINFORCED SCREWDRIVERS · SLOTTED



TIP MATERIAL: chrome-vanadium chromium-plated steel
HANDLE MATERIAL: bi-component elastomer

Code	⌀ (mm)	— (mm)	— (mm)	📦
1161	5	75	175	1/12
1162	6	100	210	1/12
1163	8	150	272	1/6

REINFORCED SCREWDRIVERS · PHILLIPS HEAD (PH)



TIP MATERIAL: chrome-vanadium chromium-plated steel
HANDLE MATERIAL: bi-component elastomer

Code	⊕ (mm)	— (mm)	📦
1166	1	75	175 1/12
1167	2	100	210 1/12

REINFORCED SCREWDRIVERS · POZIDRIV HEAD (PZ)



TIP MATERIAL: chrome-vanadium chromium-plated steel
HANDLE MATERIAL: bi-component elastomer

Code	⊕ (mm)	— (mm)	📦
1168	1	75	175 1/12
1169	2	100	210 1/12

REINFORCED SCREWDRIVERS · 7 PCS SET (SLOTTED + PH + PZ)

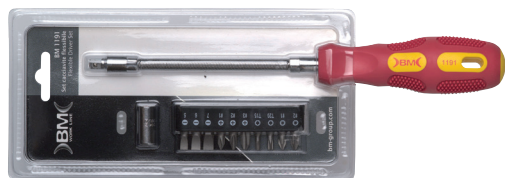


TIP MATERIAL: chrome-vanadium chromium-plated steel
HANDLE MATERIAL: bi-component elastomer

Code	📦
1190	1/1

Component	⌀ (mm)	⊕ (mm)	⊕ (mm)	— (mm)
1161	5			75
1162	6			100
1163	8			150
1166		1		75
1167		2		100
1168			1	75
1169			2	100

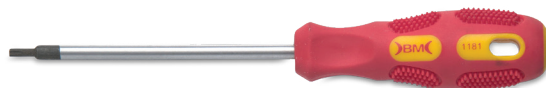
FLEXIBLE DRIVER SET



- 12 pieces set including:
- flexible driver
 - 1/4" bit holder
 - slotted bits: 5 - 6 - 7 mm
 - Phillips bits: N° 1 - N° 2 - N° 3
 - Pozidriv bits: N° 1 - N° 2
 - Torx bits: T15 - T20

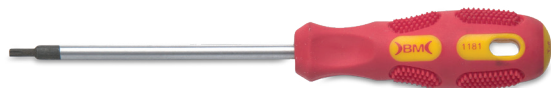
Code				
	(mm)	(mm)		
1191	150	270	1/6	

SCREWDRIVERS - 5 PCS SET (TORX)



Code			
1196	1/12		
Component		 (mm)	 (mm)
1181	T8	75	145
1182	T9	75	145
1183	T10	100	200
1184	T15	100	200
1185	T20	100	200

SCREWDRIVERS - TORX



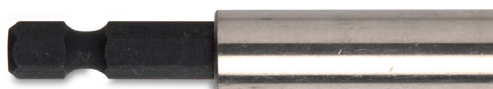
Code				
	(mm)	(mm)	(mm)	
1181	T8	75	145	1/12
1182	T9	75	145	1/12
1183	T10	100	200	1/12
1184	T15	100	200	1/12
1185	T20	100	200	1/12

RETAINING SCREWDRIVER



Code				
	(mm)	(mm)	(mm)	
1171	4	125	220	1/12

MAGNETIC BIT-HOLDER 1/4"



- chrome-vanadium steel

Code	Length (mm)	
11401	60	1/10

1/4” BITS FOR PHILLIPS SCREWS



TIP MATERIAL: chrome-vanadium steel

Code	⌀	Length (mm)	
11402	1	100	1/10
11403	1	150	1/10
11404	2	100	1/10
11405	2	150	1/10

1/4” BIT SET - 7 PCS



- 1/4” magnetic screwdriver holder
- Slotted bits: 5,5 x 0,8 - 7 x 1,2
- Phillips bits: N° 1 - N° 2
- Pozidriv bits: N° 1 - N° 2

Code	Weight (g)	
1140	95	1/10

1/4” BITS FOR POZIDRIV SCREWS



TIP MATERIAL: chrome-vanadium steel

Code	⌀	Length (mm)	
11406	1	100	1/10
11407	1	150	1/10
11408	2	100	1/10
11409	2	150	1/10

VOLTAGE TESTER 3X60



- protection resistance inserted in the bulb
- light (only 17g)

HANDLE MATERIAL: transparent plastic

HARDNESS: 52-55 HRC

SURFACE TREATMENT: nickel

Code	Voltage (VAC)	 (mm)	 (mm)	 (mm)	
1141	120-250	3	60	140	1/10



VOLTAGE TESTER 3.5X100



- protection resistance inserted in the bulb
- light (only 30g)

HANDLE MATERIAL: transparent plastic

HARDNESS: 52-55 HRC

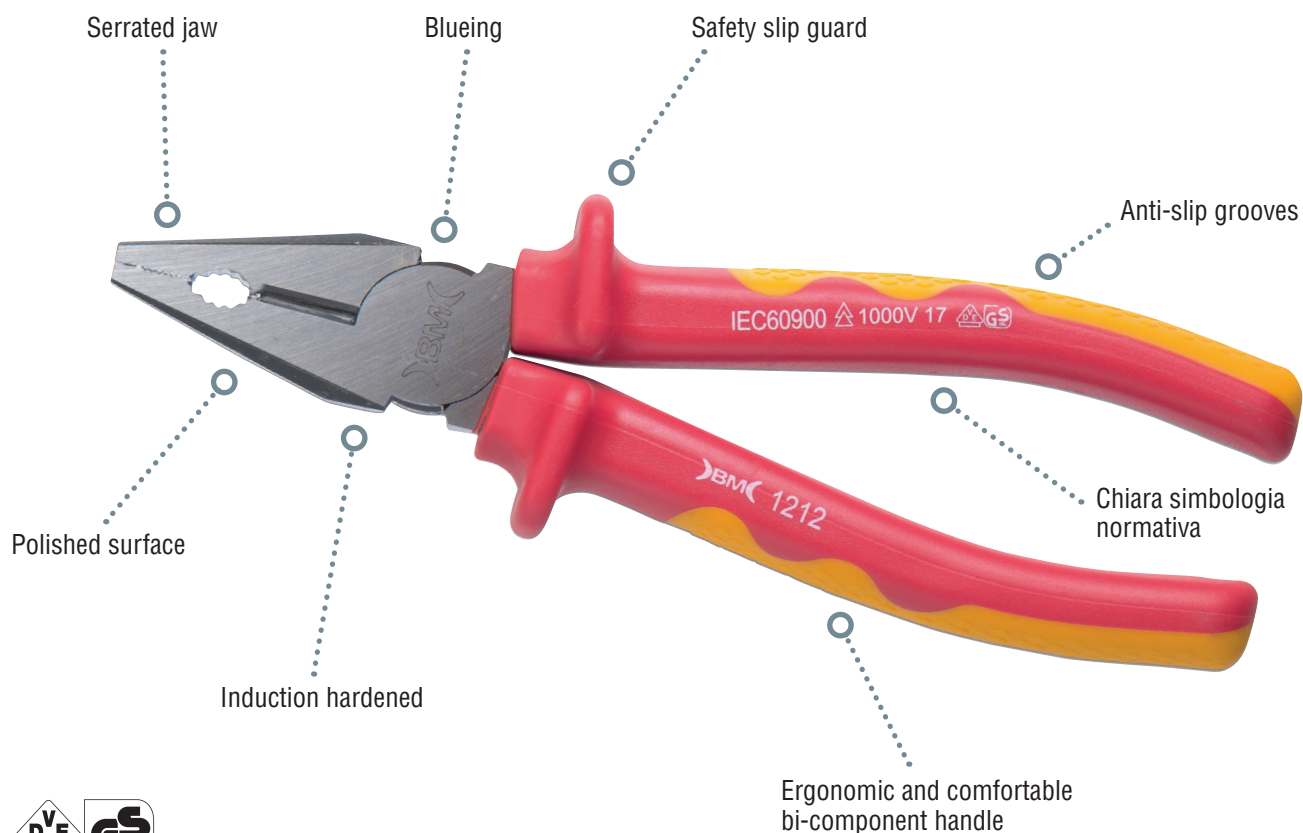
SURFACE TREATMENT: nickel

Code	Voltage (VAC)	 (mm)	 (mm)	 (mm)	
1142	120-250	3,5	100	190	1/10

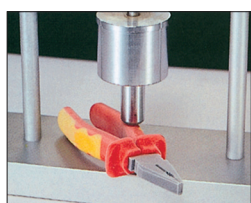


HIGH INSULATION PLIERS

BM's high insulation pliers are manufactured and tested one by one at 10,000 V in conformity to EN 60900 for use with voltage up to 1,000 V approx. The steel used is high quality chromium-vanadium, with induction hardening treatment and opaque surface blueing, thus ensuring that BM's pliers achieve high performance and last for a long time. The pliers have an innovative design, which ensures a comfortable and ergonomic anti-slip grip. The bi-component plastic used for the handles is not sticky, it is corrosion resistant and ensures a firm grip even in heavy duty applications.



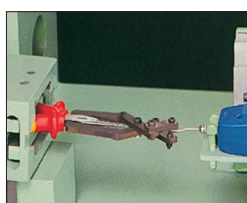
△ 1 000 V EN 60900:2004
(IEC 60900:2004)



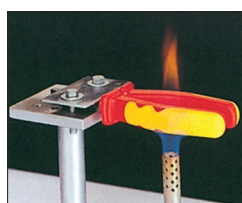
Low temperature test.



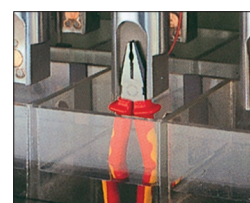
Indentation test.



Handles mechanical resistance test.



High temperature test, flame retardant test.



Dielectric water bath test to 10000 V.

INSULATED PLIERS · COMBINATION



TIP MATERIAL: chrome-vanadium steel

HANDLE MATERIAL: bi-component elastomer

ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	
1211	160	230	1/6
1212	180	290	1/6
1213	200	350	1/6



1000 V

INSULATED PLIERS · SIDE CUTTERS



TIP MATERIAL: chrome-vanadium steel

HANDLE MATERIAL: bi-component elastomer

ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	
1220	140	148	1/4
1221	160	220	1/6
1222	180	300	1/6



1000 V

INSULATED PLIERS · LONG CHAIN NOSE



TIP MATERIAL: chrome-vanadium steel

HANDLE MATERIAL: bi-component elastomer

ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	
1232	160	150	1/4
1233	200	210	1/6



1000 V

INSULATED PLIERS · LONG CHAIN NOSE 45°



TIP MATERIAL: chrome-vanadium steel

HANDLE MATERIAL: bi-component elastomer

ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	
1243	200	200	1/6



1000 V

INSULATED PLIERS · FLAT NOSE



TIP MATERIAL: chrome-vanadium steel
HANDLE MATERIAL: bi-component elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	
1251	160	170	1/6



1000 V

INSULATED PLIERS · WIRE STRIPPING



TIP MATERIAL: chrome-vanadium steel
HANDLE MATERIAL: bi-component elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	
1261	160	190	1/6



1000 V

INSULATED PLIERS · WATER PUMP



TIP MATERIAL: chrome-vanadium steel
HANDLE MATERIAL: bi-component elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	Max opening (mm)	
1273•	175	220	25	1/6
1274	250	400	35	1/6



• No VDE

1000 V

INSULATED PLIERS · HEAVY DUTY SIDE CUTTERS



TIP MATERIAL: chrome-vanadium steel
HANDLE MATERIAL: bi-component elastomer
ACCORDING TO STD.: EN 60900:2004 (IEC 60900:2004)

Code	Length (mm)	Weight (g)	
1225	200	334	1/4



1000 V

DRILL BITS · DIN 8039 MASONRY



BODY MATERIAL: carbide 1600 HVA

Code	Ø (mm)	(mm)	(mm)	
1911	4	40	75	1/5
1912	5	40	85	1/5
1913	6	55	100	1/5
1914	8	70	120	1/5
1915	10	70	120	1/5
1916	12	90	150	1/5

DRILL BITS · SDS-PLUS HAMMER



- SDS-PLUS drill bits
- for hammer drills
- with 4 spirals for faster feed and more debris discharge

BODY MATERIAL: 50-55 HRC steel

HEAD MATERIAL: 1650 HVA carbide metal

Code	Ø (mm)	(mm)	(mm)	
1921	5	50	110	1/1
1922	6	50	110	1/1
1923	6	100	160	1/1
1924	8	50	110	1/1
1925	8	100	160	1/1
1926	10	100	160	1/1
19261	10	400	460	1/1
19262	10	550	600	1/1
1927	12	100	160	1/1
19271	12	400	460	1/1
19272	12	550	600	1/1

DRILL BITS · 5 PCS SET · DIN 8039 MASONRY



SET PIECES: 5

Code	Ø (mm)	Weight (g)	
1919	4 - 5 - 6 - 8 - 10	125	1/1

DRILL BITS · 6 PCS SET · SDS-PLUS HAMMER



- for hammer drills

SET PIECES: 6

Code	Ø (mm)	Weight (g)	
1929	5 - 6 x 110 - 6 - 8 - 10 - 12 x 160	355	1/1

DRILL BITS · 19 PCS SET · HSS DIN 338 ROLLED TWIST



- complete with saw holder, pilot tips and saw holder adapter

HEAD MATERIAL: HSS

SET PIECES: 19

Code	Ø (mm)	Weight (g)	
1949	1 ÷ 10 x 0.5	443	1/1

DRILL BITS · 19 PCS SET · HSS-TIN DIN 338



HEAD MATERIAL: HSS-TIN

SET PIECES: 19

Code	Ø (mm)	Weight (g)
1950	1 ÷ 10 x 0.5	443

DRILL BITS · 19 PCS SET · MASONRY DIN 8039 AND HSS DIN 338



DIN 338 DRILL BIT APPLICATION: holes on iron and steel for non industrial uses

DIN 8039 DRILL BIT APPLICATION: holes on walls, cement, marble, non hard-stones with non-intensive use

SET PIECES: 19

Code	Masonry drill DIN 8039 (ISO 5468) (mm)	Drill HSS DIN 338 (mm)	Weight (g)	
1939	4, 5, 6, 8, 9, 10	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 8, 10	325	1/1

BI-METAL HSS HOLE SAW SET



- HSS bi-metal hole saws with variable toothing and positive scab for cutting any material including metal, plastic, wood, and plasterboard
- drilling depth max 30mm
- complete with saw holder, pilot drills and saw adapter

Code	Ø (mm)	Weight (g)	
1959	19 - 22 - 29 - 35 - 38 - 44 - 51 - 57 - 64	1470	1/1

ACCESSORIES FOR HOLE SAW · MANDREL



Code	Ø (mm)	Shank Ø (mm)	Weight (g)	
1972	14 ÷ 30	8.5	86	1/1
1973	32 ÷ 152	8.5	193	1/1

ACCESSORIES FOR HOLE SAW · MANDREL PILOT BIT



Code	Ø (mm)	(mm)	(mm)	
1974	6,35	40	80	1/1

HSS BI-METAL HOLE SAWS



Code	Ø (mm)	Weight (g)	
1960	19	26	1/1
1961	22	35	1/1
1962	29	60	1/1
1963	35	77	1/1
1964	38	89	1/1
1965	44	92	1/1
1966	51	118	1/1
1967	57	143	1/1
1968	60	159	1/1
1969	64	177	1/1
1970	68	193	1/1
1971	76	237	1/1

ADJUSTABLE CIRCULAR CUTTER WITH TRANSPARENT DUST PROTECTION



- cutter suitable for all types of drills with torque regulator
- easy fine adjustment of the cutting edges
- provided with dust cover
- suitable for plasterboard, fiber cement, wood, plywood veneer, stucco and acrylic materials, synthetic glass

Code	Ø (mm)	Cutting depth (mm)	Weight (g)	
1975	40 ÷ 125	30	1980	1/1
1976	40 ÷ 205	30	2470	1/1



CONE DRILL BIT · HSS



- for drilling metal sheets, pipes, metal or plastic rails up to 5 mm thick
- anti-slip joint
- coupling diameter 10 mm

Code	Ø (mm)	Weight (g)	
1941	3 ÷ 31	170	1/1

STEP DRILL BIT · HSS



- for drilling cylindrical and precise holes in metal sheets, pipes, metal or plastic rails up to 5 mm thick
- anti-slip joint
- coupling diameter 10 mm

Code	Ø (mm)	Weight (g)	
1944	4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30	140	1/1

STEP DRILL BIT · HSS · FOR PG THREADS



- for drilling cylindrical and precise holes in metal sheets, pipes, metal or plastic rails up to 5 mm thick
- anti-slip joint
- coupling diameter 10 mm
- suitable for thread-through holes from PG 7 to PG 29

Code	Ø (mm)	Weight (g)	
1942	13 - 16 - 19 - 21 - 23 - 26 - 29 - 32 - 35 - 38	160	1/1

STEP DRILL BIT · HSS · FOR METRIC THREADS



- specifically designed for drilling nut and through holes with threads from M12 x 1.5 to M40 x 1.5
- coupling diameter 12 mm

Code	Ø (mm)	Weight (g)	
1943	6 - 10.5 - 12.5 - 14.5 - 16.5 - 18.5 - 20.5 - 23.5 - 25.5 - 30.5 - 32.5 - 38.5 - 40.5	230	1/1

RATCHET TAP WRENCH



BODY MATERIAL: chrome steel

Code	For male (mm)	Weight (g)	
1930	M3 ÷ M10	155	1/1

DRILL TAPS HSS-G DIN 371/B

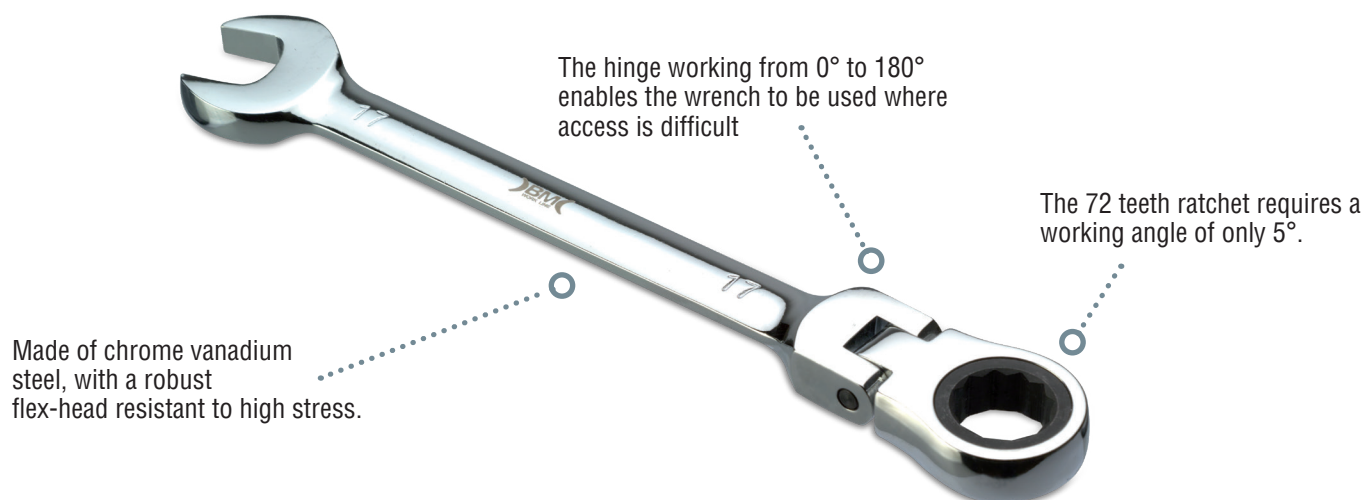


- metric thread ISO 2/6H, coarse pitch. Reinforced shank

Code	Thread (mm)	Weight (g)	
1934	M4	6	1/5
1935	M5	11	1/5
1936	M6	14	1/5
1938	M8	27	1/5

COMBINED RATCHET WRENCHES WITH SWIVEL POLYGON HEAD

BM combination ratcheting wrenches with flexible head are built and tested one by one to guarantee maximum efficiency and duration.



COMBINED RATCHET WRENCHES WITH SWIVEL POLYGON HEAD



MATERIAL: chrome-vanadium steel with shiny chrome plating

Code	○ (mm)	Length (mm)	Torque (Nm)	Weight (g)	
16608	8	140	36	54	1/5
16610	10	160	85	91	1/5
16613	13	176	138	119	1/5
16617	17	225	230	214	1/5

COMBINED RATCHET WRENCHES WITH SWIVEL POLYGON HEAD · 4 PCS SET



- the 72 tooth ratchet mechanism requires a shooting angle of only 5°
- the articulated and adjustable head up to 180° allows to operate in difficult access conditions

MATERIAL: chrome-vanadium steel with shiny chrome plating

SET CONSISTING OF: 4 pieces

Code	Weight (g)	
16698	500	1/5

Component	○ (mm)	Pcs
16608	8	1
16610	10	1
16613	13	1
16617	17	1

DOUBLE ENDED WRENCHES DIN 3110



MATERIAL: chrome-vanadium chromium-plated steel
ACCORDING TO STD.: DIN 3110

Code	○ (mm)	Length (mm)	Weight (g)	
16301	6 x 7	122	23	1/10
16302	8 x 9	140	39	1/10
16303	10 x 11	156	59	1/10
16304	12 x 13	172	81	1/10
16305	14 x 15	188	101	1/10
16306	16 x 17	203	125	1/5
16307	18 x 19	220	187	1/5
16308	20 x 22	233	217	1/5

DOUBLE ENDED WRENCHES DIN 3110 - 8 PCS SET



MATERIAL: chrome-vanadium chromium-plated steel
ACCORDING TO STD.: DIN 3110
SET CONSISTING OF: 8 pieces

Code	Weight (g)	
1630	890	1/1

Component	○ (mm)	Pcs
16301	6 x 7	1
16302	8 x 9	1
16303	10 x 11	1
16304	12 x 13	1
16305	14 x 15	1
16306	16 x 17	1
16307	18 x 19	1
16308	20 x 22	1

COMBINATION WRENCHES DIN 3113



MATERIAL: chrome-vanadium chromium-plated steel
ACCORDING TO STD.: DIN 3113

Code	○ (mm)	Length (mm)	Weight (g)	
16506	6	100	15	1/10
16507	7	110	19	1/10
16508	8	120	29	1/10
16509	9	130	34	1/10
16510	10	140	37	1/10
16511	11	150	49	1/10
16512	12	160	55	1/10
16513	13	170	67	1/10
16514	14	180	86	1/10
16517	17	210	119	1/10
16519	19	230	167	1/10
16522	22	260	235	1/10

COMBINATION WRENCHES DIN 3113 · 12 PCS SET



MATERIAL: chrome-vanadium chromium-plated steel

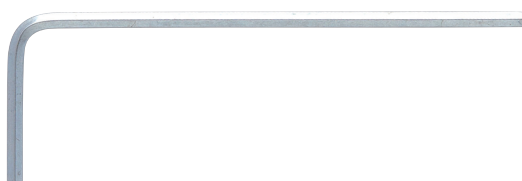
ACCORDING TO STD.: DIN 3113

SET CONSISTING OF: 12 pieces

Code	Weight (g)	
1650	1020	1/1

Component	Ø (mm)	Pcs
16506	6	1
16507	7	1
16508	8	1
16509	9	1
16510	10	1
16511	11	1
16512	12	1
16513	13	1
16514	14	1
16517	17	1
16519	19	1
16522	22	1

ALLEN WRENCHES DIN 911 BENDED 90°



MATERIAL: galvanized chrome-vanadium steel

ACCORDING TO STD.: DIN 911

Code	Ø (mm)	Length (mm)	Weight (g)	
16201	1,5	45 x 14	1	1/10
16202	2	50 x 16	2	1/10
16203	2,5	56 x 18	3	1/10
16204	3	63 x 20	5	1/10
16205	4	71 x 25	10	1/10
16206	5	80 x 28	18	1/10
16207	6	90 x 32	30	1/10
16208	8	100 x 36	60	1/10
16209	10	112 x 40	103	1/10

ALLEN WRENCHES DIN 911 90° BENDED · 9 PCS SET



MATERIAL: galvanized chrome-vanadium steel

ACCORDING TO STD.: DIN 911

SET CONSISTING OF: 9 pieces

Code	Weight (g)	
1620	230	1/10

Component	Ø (mm)	Pcs
16201	1,5	1
16202	2	1
16203	2,5	1
16204	3	1
16205	4	1
16206	5	1
16207	6	1
16208	8	1
16209	10	1

SPHERICAL HEAD ALLEN WRENCHES 90° BENDED · 9 PCS SET



9-piece set, sizes: 1.5-2-2.5-3-4-5-6-8-10 mm

MATERIAL: chrome-vanadium chromium-plated steel

SET CONSISTING OF: 9 pieces

Code	Weight (g)	
1621	435	1/1

ADJUSTABLE WRENCH



- ergonomic handle with anti-slip surface
- metric measuring scale

MATERIAL: chrome-vanadium chromium-plated steel

Code	Length (mm)	Opening (mm)	Weight (g)	
1610	200	24	330	1/1

UNIVERSAL SWITCH CABINET WRENCH



- square shapes: 5-6-7÷8 mm
- triangular shape: 7÷8 mm
- double notch: 3÷5 mm
- adapter 1/4"
- screwdriver bit

Code	Weight (g)	
1625	60	1/5

1/4" SOCKET WRENCH SET · 47 PCS



47-piece chrome vanadium steel set in a plastic case:

- hexagonal sockets: 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- slotted bit-sockets: 4 - 5,5 - 6,5 mm
- Phillips bit-sockets: N°1 - N°2 - N°3
- Pozidriv bit-sockets: N°1 - N°2 - N°3
- hexagonal bit-sockets: 3 - 4 - 5 - 6 - 7 - 8 mm
- Torx bit-sockets: T10 - T15 - T20 - T25 - T30 - T40
- hexagonal sockets extension : 8 - 10 - 11 - 13 mm
- allen wrenches 1,5 - 2 - 2,5 mm
- universal joint 40 mm
- extension bar 50 mm - 100 mm
- sliding T-handle 115 mm
- spinner handle 145 mm
- reversible ratchet handle 140 mm

Code	Weight (g)	
1640	1520	1/1

Hammers



- hardened and varnished C 45 steel. Shaped ash wood handle, nylon protection collar, steel wedge lock

Code	Weight (g)	
1715	200	1/12
1716	300	1/12

Rubber Hammer



- rubber-covered hammer with metallic core

Code	Weight (g)	
1740	700	1/6

Three-Component Hammer



- hardened and varnished C 45 steel. Patented nylon handle, anti-slip rubber grip, aluminum alloy core, anti-vibration

Code	Weight (g)	
1710	300	1/6

Sledge Hammer



- hardened and varnished C 45 steel. Shaped ash wood handle, nylon protection collar, steel wedge lock

Code	Weight (g)	
1720	800	1/18
1721	1000	1/18

SUCTION LIFTER · 1 CUP



- universal suction lifter for different loads
- suitable for all kind of surfaces: flat, gas-proof, slightly curved or structural
- suction pad 120 mm
- aluminum structure
- handle and levers in synthetic material

Code	Description	Maximum load	Weight (g)	
1760	suction lifter 1 cup	30 kg - vert.	425	1/1
1761	spare cup			1/1

SUCTION LIFTER · 2 CUPS



- universal suction lifter for different loads
- suitable for all kind of surfaces: flat, gas-proof, slightly curved or structural
- suction pad 120 mm
- aluminum structure
- handle and levers in synthetic material

Code	Description	Maximum load	Weight (g)	
1770	suction lifter 2 cups	60 kg - parall.	860	1/1
1771	spare cup			

WOOD MEASURING RULER



- wood, with spring, millimetric graduation on both sides

Code	Length (m)	
1410	2	1/12

CHALK REEL



- aluminium body, 15 metres long cotton twine, handle for rewinding and locking the cord

Code	Weight (g)	
1430	280	1/6

TAPE MEASURE



- body in bi-component material ABS and rubber, with back hook
- tape in hardened and painted steel C60, double-stop device, stop damper, movable butt for inner and outer measuring, reinforced with duralumin
- accuracy class: II (second)

Code	Length (m)	Height (mm)	
1423	3	16	1/12
1424	5	19	1/12

CHALK FOR CHALK REEL



Code	Weight (g)	Chalk colour	
1431	250	Blue	1/6
1432	250	Red	1/6



REWINDING MEASURING TAPE



- shockproof rubber coated ABS case, folding tape winding crank, fiberglass tape. Centimetres and metres marks on both sides

Code	Length (m)	Height (mm)	
1421	20	14	1/1

SPIRIT LEVEL · MINI



- made with painted structural aluminum, one vial. Accuracy 1 mm per 1 m

Code	Length (mm)	
1551	150	1/30

SPIRIT LEVEL · MAXI



- made with painted structural aluminium, three vials with the possibility of adjusting the central one. Accuracy 0,5 mm per 1 m

Code	Length (mm)	
1554	400	1/10
1555	600	1/10

SPIRIT LEVEL · POCKET



- made with painted structural aluminium, two vials. Accuracy 0,5 mm per 1 m

Code	Length (mm)	
1552	220	1/20

SPIRIT LEVEL · WITH MAGNETIC BASE



- made with painted structural aluminum, two vials. Accuracy 0,5 mm per 1 m

Code	Length (mm)	
1553	220	1/20

VOLTAGE TESTER



- protection class IP 65
 - security alarm
 - acoustic and LED continuity detector
 - measuring category: cat IV 600 V - cat III 1000 V
- ACCORDING TO STD.:** IEC/EN 61243-3

Code	Voltage range (V)	
1143	12-1000	1/1



IP65

CONTINUITY AND LINE TESTER



- for low resistance testing
 - with acoustic and visual alarms
 - it can be used as a torch
 - battery not included
- ACCORDING TO STD.:** IEC/EN 61010-1

Code	Electric resistance range (KΩ)	
1144	1, 10, 100	1/1



MULTI-DETECTOR



- simple three-function tool
- it detects wood, metal and active electric cables hidden in walls with an acoustics and luminous signal
- it is controlled by a processor
- the depth it can reach depends on the type of surface up to a maximum of 50 mm with plasterboard

Code	Weight (g)	
1560	200	1/1

TOOL CASES



POUCH



- empty reinforced nylon pouch

Code	Description
18030	Pouch

POUCH + TOOL SET (5 PCS)



- reinforced nylon pouch
complete with 5 tools:
- VDE insulated Phillips screwdriver 1x8
 - VDE insulated slotted screwdriver 3x100
 - VDE insulated slotted screwdriver 4x100
 - cutter/stripper scissor + case
 - VDE insulated combination pliers 180

Code	Description
18030M1	Pouch + 5 tools

SOFT BACKPACK/TROLLEY



- canvas trolley backpack
- in high resistance fabric
- side handle
- double pocket and reflective band on the front
- internal compartment with mesh pocket and two removable tool panels that can be used separately

Code	Description	Dimensions (mm)
1815	Canvas backpack/trolley	360x250x540

CANVAS SOFT BAG



- soft canvas bag
- in high resistance fabric
- two separate internal compartments with pockets and elastic tool holders
- it can be fully opened
- removable shoulder strap
- tubular aluminium handle with optional cover
- rigid base with rubber feet

Code	Description	Dimensions (mm)
1814	Canvas soft bag	370x270x360

SOFT BACKPACK/TROLLEY + TOOL SET (14 PCS)



- canvas trolley backpack
in high resistance fabric
side handle
double pocket and reflective band on the front
internal compartment with mesh pocket and two removable tool panels that can be used separately
complete with 14 tools:
- VDE insulated slotted screwdriver 3x100
 - VDE insulated slotted screwdriver 4x100
 - VDE insulated slotted screwdriver 5,5x125
 - VDE insulated slotted screwdriver 6,5x150
 - VDE insulated screwdriver, PH 0 head
 - VDE insulated screwdriver, PH 1 head
 - VDE insulated screwdriver, PH 2 head
 - voltage tester 3x60 250 V
 - VDE insulated combination pliers 180
 - cutter/stripper scissors + case
 - pocket saw
 - measuring tape: 3 m - W=16 mm bi-component
 - pocket spirit level 220 mm
 - hammer 300 gr

Code	Description	Dimensions (mm)
1815A1	Canvas backpack/trolley + 14 tools	360x250x540

Components	Description
1815	Canvas backpack/trolley
18A1	14-piece tool set

CANVAS SOFT BAG + TOOL SET (14 PCS)



- soft canvas bag
in high resistance fabric
two separate internal compartments with pockets and elastic tool holders
it can be fully opened
removable shoulder strap
tubular aluminium handle with optional cover
rigid base with rubber feet
complete with 14 tools:
- VDE insulated slotted screwdriver 3x100
 - VDE insulated slotted screwdriver 4x100
 - VDE insulated slotted screwdriver 5,5x125
 - VDE insulated slotted screwdriver 6,5x150
 - VDE insulated screwdriver, PH 0 head
 - VDE insulated screwdriver, PH 1 head
 - VDE insulated screwdriver, PH 2 head
 - voltage tester 3x60 250 V
 - VDE insulated combination pliers 180
 - cutter/stripper scissors + case
 - pocket saw
 - measuring tape: 3 m - W=16 mm bi-component
 - pocket spirit level 220 mm
 - hammer 300 gr

Code	Description	Dimensions (mm)
1814A1	Canvas soft bag + 14 tools	370x270x360

Components	Description
1814	Canvas soft bag
18A1	14-piece tool set

WATERPROOF CASE



- case made of Ultra High-Impact and dust-proof ABS plastic
- the seal along the entire closing line guarantees airtight sealing and watertightness
- internal air pressure compensation valve
- resistant to weather and corrosive agents
- document pocket, tool panel, thermoformed tray
- removable shoulder strap

Code	Description	Dimensions (mm)
1816	Waterproof case	430x286x159

WATERPROOF CASE + TOOL SET (14 PCS)



case made of Ultra High-Impact and dust-proof ABS plastic. the seal along the entire closing line guarantees airtight sealing and watertightness. internal air pressure compensation valve. resistant to weather and corrosive agents. document pocket, tool panel, thermoformed tray, removable shoulder strap.

complete with 14 tools:

- VDE insulated slotted screwdriver 3x100
- VDE insulated slotted screwdriver 4x100
- VDE insulated slotted screwdriver 5,5x125
- VDE insulated slotted screwdriver 6,5x150
- VDE insulated screwdriver, PH 0 head
- VDE insulated screwdriver, PH 1 head
- VDE insulated screwdriver, PH 2 head
- voltage tester 3x60 250 V
- VDE insulated combination pliers 180
- cutter/stripper scissors + case
- pocket saw
- measuring tape: 3 m - W=16 mm bi-component
- pocket spirit level 220 mm
- hammer 300 gr

Code	Description	Dimensions (mm)
1816A1	Waterproof case + 14 tools	430x286x159

Components	Description
1816	Waterproof case
18A1	14-piece tool set

ALUMINIUM CASE



- aluminium case with rounded and reinforced corners
- chrome-plated handle with soft grip
- locks with keys
- two toolholder panels
- thermoformed tray
- removable shoulder strap

Code	Description	Dimensions (mm)
18500	Aluminium case	450x330x152

ALUMINIUM CASE + TOOL SET (14 PCS)



aluminium case with rounded and reinforced corners, chrome-plated handle with soft grip. locks with keys, two toolholder panels, thermoformed tray, removable shoulder strap.

complete with 14 tools:

- VDE insulated slotted screwdriver 3x100
- VDE insulated slotted screwdriver 4x100
- VDE insulated slotted screwdriver 5,5x125
- VDE insulated slotted screwdriver 6,5x150
- VDE insulated screwdriver, PH 0 head
- VDE insulated screwdriver, PH 1 head
- VDE insulated screwdriver, PH 2 head
- voltage tester 3x60 250 V
- VDE insulated combination pliers 180
- cutter/stripper scissors + case
- pocket saw
- measuring tape: 3 m - W=16 mm bi-component
- pocket spirit level 220 mm
- hammer 300 gr

Code	Description	Dimensions (mm)
18500A1	Aluminium case + 14 tools	450x330x152

Components	Description
18500	Aluminium case
18A1	14-piece tool set

ALUMINIUM TROLLEY



- aluminium trolley case
- rounded and reinforced corners
- chrome-plated handle with soft grip
- locks with keys
- document pocket
- two toolholder panels
- thermoformed tray

Code	Description	Dimensions (mm)
18400	Aluminium trolley	482x340x205

ABS TROLLEY TOP



- thermoformed ABS trolley case with aluminium seals
- robust trolley with telescopic handle
- locks with keys
- chrome-plated handle with soft grip
- wheels with a 110 mm diameter, ideal for all surfaces
- document pocket
- two toolholder panels
- thermoformed ABS tray
- two boxes for small components

Code	Description	Dimensions (mm)
1817	ABS trolley	510x375x240

**CHOOSE
THE BAG
OR
CASE
THAT BEST SUITS
YOUR NEEDS AND
COMPLETE IT
WITH THE MOST
APPROPRIATE TOOL
ASSORTMENT
FOR YOU**

On the next page you can find three different assortment proposals to choose from:

- 33 tools for every need
- 29 frequently used tools
- 14 essential tools



Please, remember to put

**THE BAG
CODE**



**THE ASSORTMENT
CODE**

in your order.

ASSORTMENTS

TOOLS

		18A3 33-Piece tool set	18A2 29-Piece tool set	18A1 14-Piece tool set
Code	Description			
1113	VDE insulated slotted screwdriver 3x100 mm			
1114	VDE insulated slotted screwdriver 4x100 mm			
1115	VDE insulated slotted screwdriver 5.5x125			
1116	VDE insulated slotted screwdriver 6.5x150			
1120	VDE insulated screwdriver, PH 0 head			
1121	VDE insulated screwdriver, PH 1 head			
1122	VDE insulated screwdriver, PH 2 head			
1131	VDE insulated screwdriver Pozidriv 1			
1132	VDE insulated screwdriver Pozidriv 2			
1141	Voltage tester 3x60 mm 250 V			
1212	VDE insulated combination pliers 180 mm			
1221	VDE insulated side cutter 160 mm			
1251	VDE insulated flat nose pliers 160 mm			
1274	VDE insulated water pump pliers			
1325	Cutter/stripper scissors + case			
1370	Automatic stripping tool 0,2-6 mm ²			
534	Crimping pliers for 0.5-6 mm insulated terminals			
1341	Pocket saw			
1423	Measuring tape 3 m - W=16 mm bi-component			
1552	Pocket spirit level 220 mm			
1716	Hammer 300 gr			
1630	Double ended wrenches - 8 pcs set	x8	x8	
1625	Universal switch cabinet wrench			
1140	1/4 bits - 7 pcs set			
1430	Chalk reel			
1431	Blue chalk for chalk reel			

CASE WITH BOXES FOR SMALL COMPONENTS



- case with propylene boxes
- double hook locking system
- roomy storage under the lid
- strong frame that can be used as a seat

Code	Description	Dimensions (mm)
1818	Case with boxes for small components	420x303x400

PLASTIC CASE



- plastic case
- removable containers

Code	Description	Dimensions (mm)
00405	Plastic case	420x330x65

TOOL BOX



- shockproof plastic box
- tray and 2 removable boxes for small components

Code	Description	Dimensions (mm)
1880	Tool box	520x290x270

BOX FOR SMALL COMPONENTS



Code	Description	Dimensions (mm)	Slots
1881		230x125x35	18
1882		292x186x42	18
1883		382x234x48	24