EXPERT

STANLEY

Range of tools for professionals

AUTOMOTIVE / INDUSTRY

2013

TOOLS OF YOUR PRODUCTIVITY

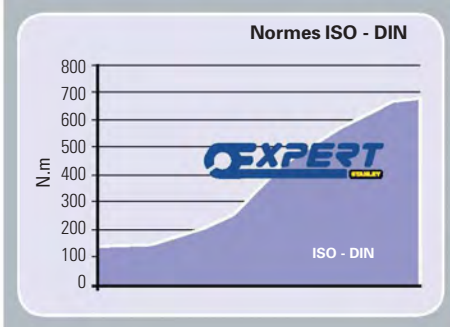
www.expert-tool.com

A world leading brand in hand tools
suited to the needs of industrial and automotive professionals

ISO STANDARDS DIN

Demanding standards

All tools comply with currently enforced DIN and ISO international standards



• EXPERT products :

- designed to meet the needs and requirements of professionals
- based on specifcations produced by the R&D department of the Industrial and Automotive division of Stanley Black and Decker
- meets all current ISO and DIN standards

• EXPERT quality/price ratio :

EXPERT products are designed to withstand heavy professional use. The price positioning of the EXPERT range is designed to meet the competitive expectations of users.

• EXPERT guarantee

The quality of EXPERT products is certified by the EXPERT guarantee. Unless specified otherwise, EXPERT offers a guarantee for all manufacturing flaws and faults on all products in the range without time limit.
It results in replacing or repairing faulty parts, under specific terms*.

*The guarantee is cancelled in case of abuse, modification of the tools, inappropriate maintenance. The EXPERT approved distributor to which the product is returned accepts or refuses to apply the guarantee based on these terms, and after validation by an EXPERT representative or technical department.

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HANDLES
Metal handle.

LOCKING
Central locking.

WHEELS
Four wheels diameter 125mm including one with brake.

WORKTOP
Worktop covered with a removable 2 mm ABS plate.

DRAWERS OPEN 100%
Each drawer can be fitted with 3 modules.
Drawer opens 100%.

STORAGE

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ROLLER CABINETS

ROLLER CABINET 6 DRAWERS - 3 MODULES PER DRAWER

- Each drawer can be fitted with 3 modules.
- Drawers open to allow 100% access.
- Load per drawer: 15 kg for 60 mm drawers and 20 kg for 130 mm and 200 mm drawers.
- Central Locking.
- Worktop covered with a 2 mm removable ABS plate – Withstands a 600 kg static load.
- Strong polypropylene handle.
- Four wheels diameter 125 mm, 2 fixed and 2 castors, one with brake.
- Overall dimensions (with handle): W.800 x D.500 x H.987 mm.
- Dimensions (without handle): W.715 x D.500 x H.987 mm.
- 3 drawers: W.569 x D.420 x H.60 mm.
- 2 drawers: W.569 x D.420 x H.130mm.
- 1 drawer: W.569 x D.420 x H.200 mm.

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E010109	800	500	987	59,50	1	3258950101095

ROLLER CABINET 7 DRAWERS - 3 MODULES PER DRAWER

- Each drawer can be fitted with 3 modules.
- Drawers open to allow 100% access.
- Load per drawer: 15 kg for 60 mm drawers and 20 kg for 130 mm drawers.
- Central Locking.
- Worktop covered with a 2 mm removable ABS plate – Withstands a 600 kg static load.
- Strong polypropylene handle.
- Four wheels diameter 125 mm, 2 fixed and 2 castors, one with brake.
- Overall dimensions (with handle): W.800 x D.500 x H.987 mm.
- Dimensions (without handle): W.715 x D.500 x H.987 mm.
- 4 drawers: W.569 X D.420 x H.60 mm.
- 3 drawers: W.569 x D.420 x H.130mm.

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E010105	800	500	987	61,50	1	3258950101057

ROLLER CABINET 7 DRAWERS - 3 MODULES PER DRAWER

NEW

- Each drawer can be fitted with 3 modules.
- Drawers open to allow 100% access.
- Load per drawer: 15 kg for 60 mm drawers and 25 kg for 270 mm drawers.
- Central Locking.
- Worktop covered with a 2 mm removable ABS plate – Withstands a 600 kg static load.
- Strong polypropylene handle.
- Four wheels diameter 125 mm, 2 fixed and 2 castors, one with brake.
- Overall dimensions (with handle): W.800 x D.500 x H.987 mm.
- Dimensions (without handle): W.715 x D.500 x H.987 mm.
- 6 drawers: W.569 x D.420 x H.60 mm.
- 1 drawer: W.569 x D.420 x H.270 mm

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E010130	800	500	987	67	1	3258950101309

ROLLER CABINETS LARGE

WIDE ROLLER CABINET 7 DRAWERS - 4 MODULES PER DRAWER

- Each drawer can be fitted with 4 modules.
- Drawers open to allow 100% access.
- Load per drawer: 20 kg for 60 mm drawers and 25 kg for 130 mm drawers.
- Central Locking.
- Worktop covered with a 2 mm removable ABS plate – Withstands a 800 kg static load.
- Strong polypropylene handle.
- Four wheels diameter 125 mm, 2 fixed and 2 castors, one with brake.
- Overall dimensions (with handle): W.1005 x D.500 x H.987 mm.
- Dimensions (without handle): W.920 x D.500 x H.987 mm.
- 4 drawers: W.760 x D.420 x H.60 mm.
- 3 drawers: W.760 x D.420 x H.130 mm.

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E010101	1005	500	987	95	1	3258950101019

WIDE ROLLER CABINET 8 DRAWERS - 4 MODULES PER DRAWER

- Each drawer can be fitted with 4 modules.
- Drawers open to allow 100% access.
- Load per drawer: 20 kg for 60 mm drawers and 25 kg for 130 mm drawers.
- Central Locking.
- Worktop covered with a 2 mm removable ABS plate – Withstands a 800 kg static load.
- Strong polypropylene handle.
- Four wheels diameter 125 mm, 2 fixed and 2 castors, one with brake.
- Overall dimensions (with handle): W.1005 x D.500 x H.987 mm.
- Dimensions (without handle): W.920 x D.500 x H.987 mm.
- 6 drawers: W.760 x D.420 x H.60 mm.
- 2 drawers: W.760 x D.420 x H.130 mm.

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E010131	1005	500	987	81,10	1	3258950101316

THE EXPERT MODULAR TOOL STORAGE SYSTEM

Expert tool modules and range of 6 modular cases were developed to offer easy to organise storage of your tools optimizing the space you in roller cabinet drawers.

Expert roller cabinets and their drawers are specifically designed with widths to fit 3 or 4 tool modules to meet your tool storage needs.

A drawer can be organised to store both tool modules and modular cases together, whether open or closed, without wasting any space.

By optimizing the available space in your roller cabinet means that all of your tools are available from the same location, maximizing your productivity.

More details on Expert modular cases can be found on page 38-39

Module : E194937
Empty tray : E113557
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Module : E110302
Empty tray : E010508
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Module : E121105
Empty tray : E121106
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Empty tray : E131704

Module : E194945
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Module : E150802
Empty tray : E010506
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Module : E150803
Empty tray : E010507
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ROLLER CABINETS - SPARE PARTS

SET OF FOUR WHEELS

- 2 fixed wheels and 2 castors, one with brake, diameter 125 mm.

		EAN
E010110	1	3258950101101

SET OF 2 DRAWER BALL SLIDE RAILS

		EAN
E010111	1	3258950101118

REPLACEMENT LOCK + KEY KIT

- Supplied with 2 keys, one hinged.

NEW

		EAN
E010112	1	3258950101125

WORKTOP

- Injected polypropylene.
- Impact and hydrocarbon-resistant.

		EAN
E010122	1	3258950101224

EXPANDABLE MAGNETIC TRAY

- Magnetic base for effective holding of screws, bolts and other small metallic parts.
- Can be used horizontally or vertically.
- Capacity can be adapted according to needs.
- Retractable, can be stored in a roller cabinet drawer.
- E010128 - height: 35 to 92 mm ; diameter 135 mm.
- E010129 - height: 42 to 130 mm ; diameter 225 mm.

	Weight (g)		EAN
E010128	132	1	3258950101286
E010129	510	1	3258950101293

NEW

TROLLEY

- Comfort grip handle.
- Worktop and shelves with edges preventing tools from falling supplied with rubber anti-slip mats.
- 2 castors and 2 fixed wheels Ø 80 mm for easy movement and handling.
- Maximum load: 200 Kg.
- Supplied flat-packed, requires assembly.

NEW

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E010106	890	490	815	16	1	3258950101064

METAL CHESTS

- Made in thick steel plate.
- Lid is fitted with locked pin hinges and opens to 95°.
- Fitted with 2 side handles for transport.
- Supplied with removable metal tool tray.
- Metal padlock clasp for security (padlock not supplied).

NEW

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E010209	520	290	294	7	1	3258950102092
E010202	650	366	353	11,50	1	3258954102029
E010203	850	360	353	12,10	1	3258953102037
E010204	1000	405	450	16,60	1	3258954102043

TOOL BOXES

METAL TOOLBOX WITH 5 COMPARTMENTS 450 MM AND 535 MM

- 2 hinged handles.
- 5 compartments over 3 levels.
- Can be padlocked (not supplied).
- Easy opening.
- Dimensions (with handle):
- 450 mm box: W.490 x D.250 x H.230 mm - 535 mm box: W.575 x D.250 x H.230 mm.
- Inner bin dimension:
- 450 mm box: W.448 x D.200 x H.98 mm - 535 mm box: W.518 x D.200 x H.98 mm.
- Inner bins dimension:
- 450 mm box: W.448 x D.100 x H.55 mm - box 535 mm: W.526 x D.100 x H.55 mm.

	W (mm)	D (mm)	H (mm)	Weight (Kg)		EAN
E194738	450	250	230	4	1	3258951947388
E010201	535	250	230	5,20	1	3258950102016

PLASTIC TOOLBOX 410MM AND 490 MM

- Lid fitted with 1 fixed and 2 removable transparent storage compartments.
- Removable plastic tool tray.
- 2 metal padlock clasps (padlocks not supplied).
- Handle folds flush to lid.
- Loading capacity box 410 mm: 8 kg - box 490 mm: 10 kg.
- Box dimensions 410 mm: W.410 x D.255 x H.182 mm.
- Box dimensions 490 mm: W.490 x D.285 x H.240 mm.

	W (mm)	D (mm)	H (mm)	Weight (g)		EAN
E010304	410	255	182	1250	1	3258950103044
E010305	490	285	240	1682	1	3258950103051

NEW

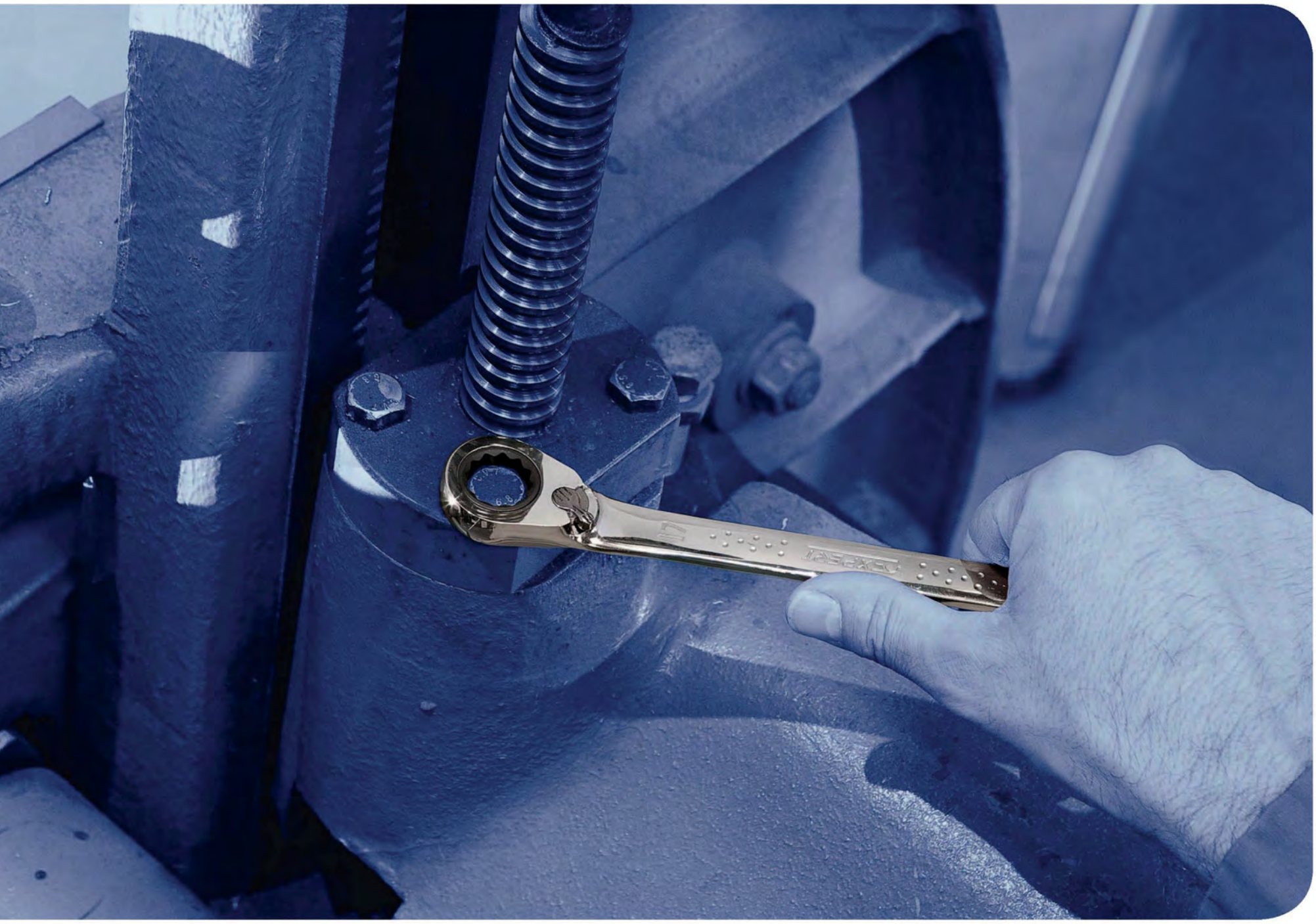
MULTI-TOOL SETS

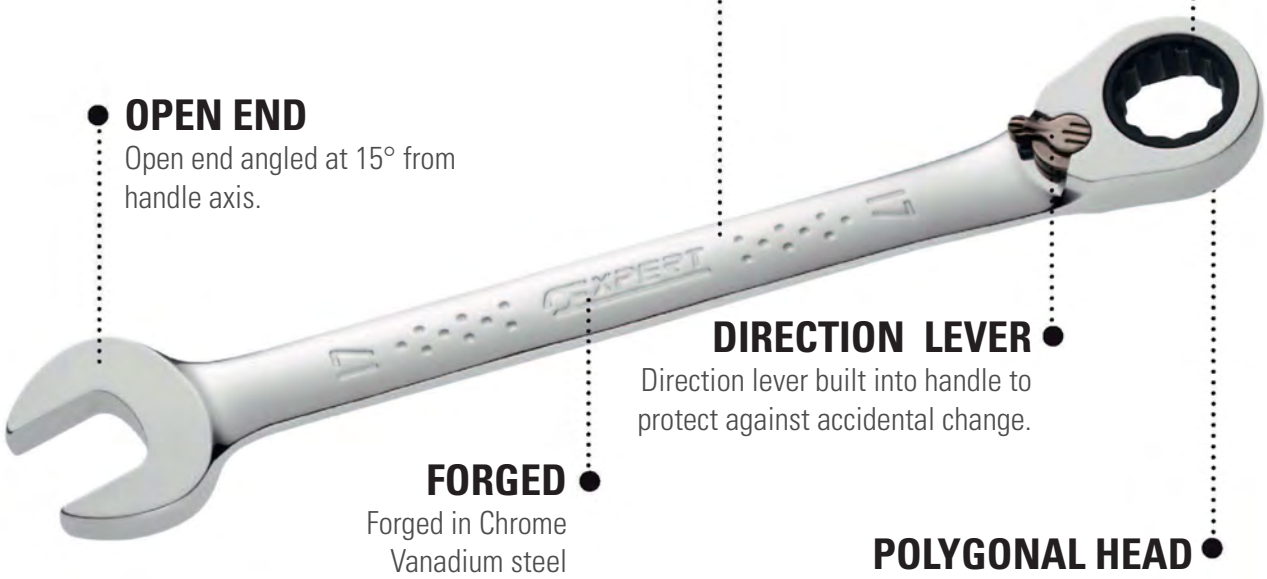
MULTI-TOOL SET - 124 PIECES

- 6-point sockets - 1/4": 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1 1/4" locking meter ratchet.
- 2 1/4" extensions: 55mm & 100 mm.
- 1 1/4" Universal Joint.
- 1 1/4" drive adapter for 1/4" bits.
- 1 1/4" Socket nut screwdriver handle.
- 1 pair of twin slip-joint multigrip pliers 250 mm.
- 1 pair of mechanics diagonal cutting pliers 160 mm.
- 1 half-round long nose pliers - angled 40°.
- 6-point sockets - 1/2": 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm.
- 1 1/2" Universal Joint.
- 2 1/2" extensions: 130mm & 250 mm.
- Combination wrenches: 8-10-11-12-13-14-15-16-17-18-19 mm.
- Set of 9 short hex keys in sleeve: 1.5-2-2.5-3-4-5-6-8-10 mm.
- Set of 7 Torx® keys in sleeve: T10-T15-T20-T25-T27-T30-T40 mm.
- 2 Phillips® screwdrivers: PH1x100 - PH2x125.
- 2 Pozidriv® screwdrivers: PZ1x100 - PZ2x125.
- 2 slotted head screwdrivers: 4x100mm - 6.5x125mm.
- 49-piece screwdriver bit and accessories set:
- Slotted head bits: 4-4.5-5.5-6.5x2-8 mm.
- Phillips®bits: PH1x2-PH2x3-PH3.
- Pozidriv® bits: PZ1x2-PZ2x3-PZ3x2.
- Torx® bits: T10x2-T15x2-T20x2-T25x2-T30x2.
- ResisTorx® bits: TT10-TT15x2-TT20x2-TT25x2-TT30x2-TT40.
- Hex bits: 2mm-3mmx2-4mmx2-5mmx2-6mmx2.
- Magnetic bit holder with locking ring.

NEW

	Weight (Kg)	Dimensions		EAN
E034806	8,30	565 x 415 x 92 mm	1	3258950348063




FINISH
High Chrome.
PROFILE
OGV® profile - maximizing the contact surface with the nut for a longer lifetime.
OPEN END
Open end angled at 15° from handle axis.
DIRECTION LEVER
Direction lever built into handle to protect against accidental change.
FORGED
Forged in Chrome Vanadium steel
POLYGONAL HEAD
12-point OGV® ring angled at 15°.

WRENCHES

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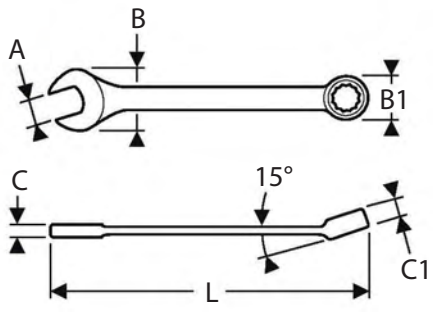
Hook and pin wrenches 35

COMBINATION WRENCHES

COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1 - ISO 3318 - ISO 7738 - DIN 3113
- 12-point OGV® ring angled at 15°.
- Open end angled at 15° from handle axis.
- OGV® profile maximizing the contact surface with the nut for a longer lifetime.
- Forged in Chrome Vanadium steel.
- High chrome finish.

	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E113228	5	93	14,70	9,80	3,40	4	15	1	3258951132289
E113229	5,5	93	14,70	9,80	3,40	4	15	1	3258951132296
E113202	6	100	16,20	10,40	3,70	4,50	20	1	3258951132029
E113200	7	110	18,20	11,70	3,70	5	20	1	3258951132005
E113201	8	120	20,20	13,20	4,10	5,10	25	1	3258951132012
E113204	9	130	22,20	14,60	4,10	6	35	1	3258951132043
E113205	10	140	23,70	16	4,60	6,50	37	1	3258951132050
E113206	11	150	25,70	17,60	4,70	6,50	45	1	3258951132067
E113207	12	160	27,50	19	4,80	7	60	1	3258951132074
E113208	13	170	28,70	20,60	5,50	7,50	67	1	3258951132081
E113209	14	180	31,70	22	5,60	8	80	1	3258951132098
E113210	15	190	34,20	23,40	5,70	8,50	95	1	3258951132104
E113211	16	200	36,20	24,80	5,80	9	110	1	3258951132111
E113212	17	210	38,50	26,20	6,30	9,50	123	1	3258951132128
E113213	18	220	39,20	27,60	6,80	10	150	1	3258951132135
E113214	19	230	42,20	29	7,10	10,40	165	1	3258951132142
E113215	20	240	42,70	30,20	7,20	10,90	180	1	3258951132159
E113216	21	250	45,50	31,70	7,50	11,40	185	1	3258951132166
E113217	22	260	48,70	33,80	8	11,90	242	1	3258951132173
E113218	23	260	48,70	33,80	8	11,90	235	1	3258951132180
E113219	24	280	50,70	35,80	8,20	12,90	280	1	3258951132197
E113220	25	295	52,70	38,70	8,70	13,40	325	1	3258951132203
E113221	26	295	52,70	38,70	8,70	13,40	325	1	3258951132210
E113222	27	310	56,20	40,20	8,90	14,40	370	1	3258951132227
E113223	28	340	60,20	44,60	9,70	15,90	495	1	3258951132234
E113224	29	340	60,20	44,60	9,70	15,90	495	1	3258951132241
E113225	30	340	60,20	44,60	9,70	15,90	485	1	3258951132258
E113226	32	360	64,70	47,30	10,60	16,90	600	1	3258951132265
E110101	34	380	68,70	49,30	11,50	17,20	639	1	3258951101018
E110102	36	410	73,60	53,40	13	18,20	809	1	3258951101025
E110103	38	430	76,60	56,50	14,50	19	965	1	3258951101032
E110104	41	460	83,50	61,50	15,50	20	1261	1	3258951101049

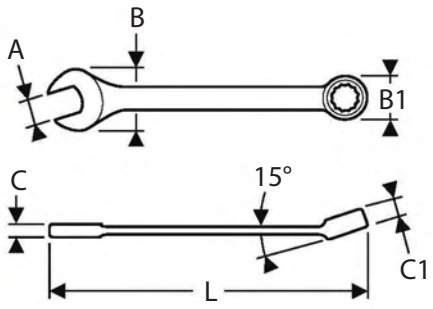


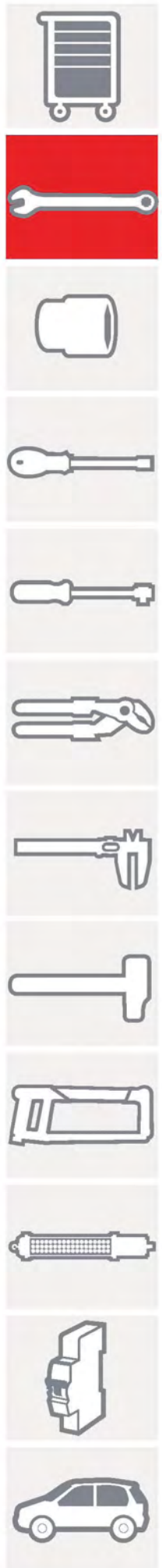
COMBINATION WRENCHES

COMBINATION WRENCHES - INCH

- ASME B 107-100
- 12-point OGV® ring angled at 15°.
- Open end angled at 15° from handle axis.
- OGV® profile maximizing the contact surface with the nut for a longer lifetime.
- Forged in Chrome Vanadium steel.
- High chrome finish.

	A (")	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E113312	1/4"	100	16,20	10,40	3,70	4,50	15	1	3258951133125
E113230	5/16"	120	20,20	13,20	4,10	5,10	26	1	3258951132302
E113313	11/32"	130	22,20	14,60	4,10	6	30	1	3258951133132
E113314	3/8"	140	23,70	16	4,60	6,50	38	1	3258951133149
E113315	7/16"	150	25,70	17,60	4,70	6,50	46	1	3258951133156
E113316	1/2"	170	28,70	20,60	5,50	7,50	68	1	3258951133163
E113317	9/16"	180	31,70	22	5,60	8	79	1	3258951133170
E113318	5/8"	200	36,20	24,80	5,80	9	110	1	3258951133187
E113358	3/4"	230	42,20	29	7,10	10,40	150	1	3258951133583
E113359	13/16"	250	45,50	31,70	7,50	11,40	194	1	3258951133590
E113360	7/8"	260	48,70	33,80	8	11,90	225	1	3258951133606
E113235	15/16"	280	50,70	35,80	8,20	12,90	293	1	3258951132357
E113236	1"	295	52,70	38,70	8,70	13,40	328	1	3258951132364
E113319	11/16"	210	38,50	26,20	6,30	9,50	141	1	3258951133194
E113361	1"1/16	310	56,20	40,20	8,90	14,40	386	1	3258951133613
E113362	1"1/8	340	60,20	44,60	9,70	15,90	503	1	3258951133620
E113363	1"1/4	360	64,70	47,30	10,60	16,90	602	1	3258951133637
E110201	1"5/16	380	68,70	49,30	11,50	17,20	632	1	3258951102015
E110202	1"3/8	410	73,60	53,40	13	18,20	806	1	3258951102022
E110203	1"7/16	410	73,60	53,40	13	18,20	804	1	3258951102039
E110204	1"1/2	430	76,60	56,50	14,50	19	992	1	3258951102046
E110205	1"5/8	480	83,50	61,50	15,50	20	1264	1	3258951102053
E110206	1"7/8	540	101,50	73,50	17,20	22,60	2110	1	3258951102060



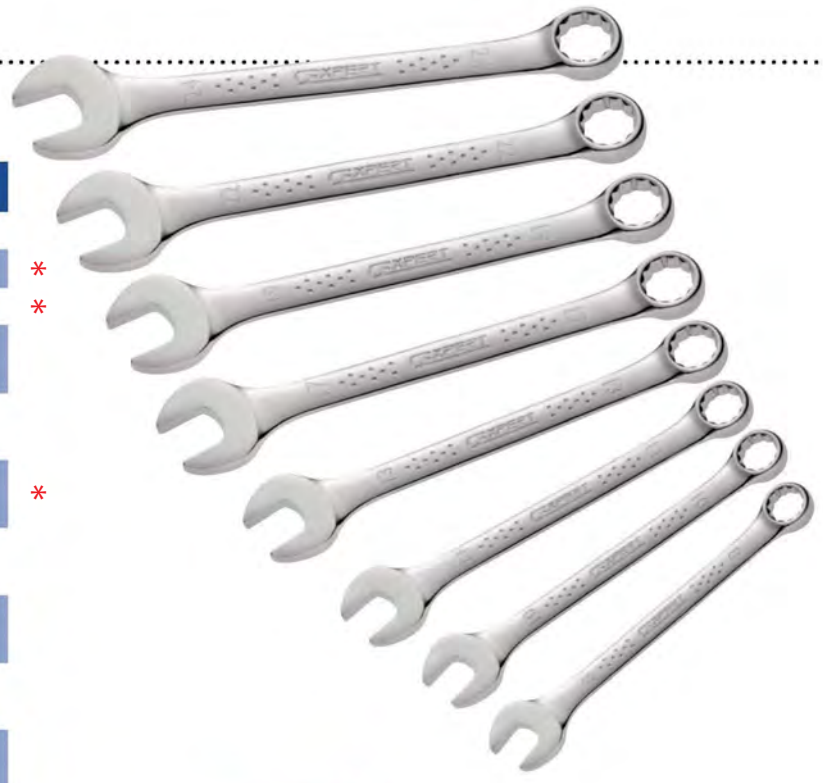


Wrenches

SET OF COMBINATION WRENCHES

SET OF 9 COMBINATION WRENCHES

	Qty	Content	Container	Weight (g)		EAN	
E110300	8	8-10-11-13-17-19-22-24 mm.	Carton box	1122	1	3258951103005	
E110310	10	10-11-12-13-14-15-16-17-18-19 mm.	Plastic rack	1080	1	3258951103104	*
E110309	12	7-8-10-11-12-13-16-17-18-19-22-24 mm.	Plastic rack	1495	1	3258951103098	*
E113238	16	8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm.	Carton box	1894	1	3258951132388	
E113239	16	6-7-8-9-10-11-12-13-14-15-16-17-18-19-22-24 mm.	Carton box	1646	1	3258951132395	
E110313	18	6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm.	Tool roll	2035	1	3258951103135	*
E113240	18	6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm.	Carton box	2022	1	3258951132401	
E110306	21	6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm.	Carton box	3450	1	3258951103067	
E113241	9	1/4"-5/16"-3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4	Carton box	851	1	3258951132418	
E113242	12	1/4"-5/16"-3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-15/16	Carton box	1580	1	3258951132425	



* NEW

COMBINATION WRENCH MODULES

- Thermoformed module.
- Designed to be inserted in roller cabinet drawers.
- Empty tray for E194937 module: E113557.
- Empty tray for E110302 module: E010508.

	Qty	Content	Weight (g)		EAN
E194937	16	6-7-8-9-10-11-12-13-14-15-16-17-18-19-22-24 mm.	1850	1	3258951949375
E110302	4	27-29-30-32 mm.	2230	1	3258951103029

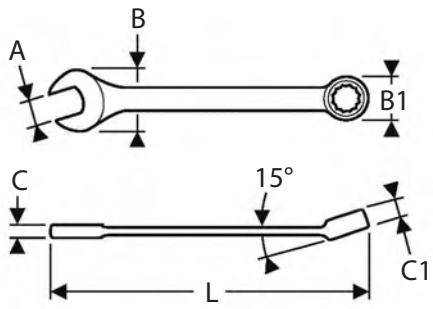
SHORT COMBINATION WRENCHES

SHORT COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1 - ISO 3318 - ISO 7738 - DIN 3113
- 12-point OGV® ring angled at 15°.
- Open end angled at 15° from the handle axis (increment angle 30°).
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Forged in Chrome Vanadium steel.
- Short wrenches for better accessibility in confined spaces.
- High chrome finish.

NEW

	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E110106	10	96	20,90	14,80	5,40	6,60	25	1	3258951101063
E110108	12	104	25	18,40	6	7,90	40	1	3258951101087
E110109	13	108	26,40	19,70	6,20	8,10	50	1	3258951101094
E110110	14	114	29,30	21,90	6,60	8,70	65	1	3258951101100
E110111	15	118	31,20	22,80	7	9,20	70	1	3258951101117
E110113	17	128	35,80	25,40	7,70	10,20	90	1	3258951101131
E110115	19	139	39,50	27,80	8,40	11,40	130	1	3258951101155



SET OF SHORT COMBINATION WRENCHES - METRIC

- Supplied on plastic rack.

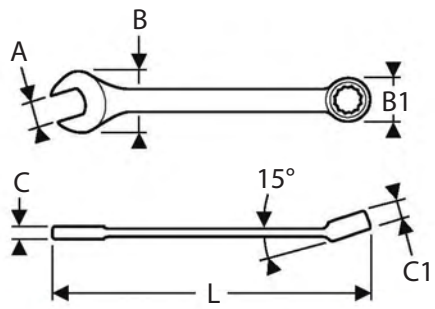
	Qty	Content	Weight (g)		EAN
E110304	7	10-12-13-14-15-17-19 mm.	640	1	3258951103043

LONG COMBINATION WRENCHES

LONG COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1
- 12-point OGV® ring angled at 15°.
- Open end angled at 15° from the handle axis (increment angle 30°).
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Forged in Chrome Vanadium steel.
- Long handle wrenchs for increased tightening torque.
- High chrome finish.

	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN	
E110701	8	148	17,70	13,30	4,20	6,40	35	1	3258951107010	*
E110702	9	167	20,50	14,80	5	7,10	45	1	3258951107027	*
E110703	10	172	21,80	16,40	5,40	7,40	50	1	3258951107034	*
E110704	11	186	24,20	17,30	5,50	8	60	1	3258951107041	*
E110705	12	197	26,50	18,50	5,70	8,40	75	1	3258951107058	*
E110706	13	207	27,40	19,70	6,10	8,80	85	1	3258951107065	*
E110707	14	223	30,70	22,10	6,70	9,20	100	1	3258951107072	*
E110708	15	233	32,70	23,10	7	9,90	120	1	3258951107089	*
E110709	16	243	34,50	24,10	7,30	10,60	140	1	3258951107096	*
E110710	17	261	37,30	26,40	8,10	11,20	155	1	3258951107102	*
E110711	18	270	39,10	27,50	8,40	11,40	190	1	3258951107119	*
E117700	19	280	41,40	28,10	8,80	12,20	236	1	3258951177006	
E117701	21	301	44,80	32,40	9,20	13,10	312	1	3258951177013	
E117702	22	318	47,30	33,40	9,50	13,70	347	1	3258951177020	
E117703	23	318	47,30	33,40	9,50	13,70	349	1	3258951177037	
E117704	24	338	51,60	35,40	10,10	14,90	436	1	3258951177044	
E117705	26	355	54,50	37,70	10,40	15,70	527	1	3258951177051	
E117706	27	375	55,60	40,40	11,40	17,10	576	1	3258951177068	
E117707	28	375	55,60	40,40	11,40	17,10	591	1	3258951177075	
E117708	29	414	58,60	42,30	12,40	18,20	727	1	3258951177082	
E117709	30	414	58,60	42,30	12,40	18,20	720	1	3258951177099	
E117710	32	435	65,50	46,80	13,40	19	869	1	3258951177105	
E117711	33	470	70,20	49,70	13,40	17,50	1092	1	3258951177112	
E117712	34	470	70,20	49,70	13,40	17,50	1079	1	3258951177129	
E117713	35	470	70,20	49,70	13,40	17	1150	1	3258951177136	
E117714	36	510	75,20	55,50	14,30	18,20	1303	1	3258951177143	
E117715	38	510	75,20	55,50	14,30	18,20	1255	1	3258951177150	
E117716	41	550	82	59,60	15	18	1567	1	3258951177167	
E117717	42	550	82	59,60	15	18	1662	1	3258951177174	
E117718	46	612	85	63,60	17,20	19	1763	1	3258951177181	
E117719	50	650	95	72,60	19,30	22,20	2600	1	3258951177198	



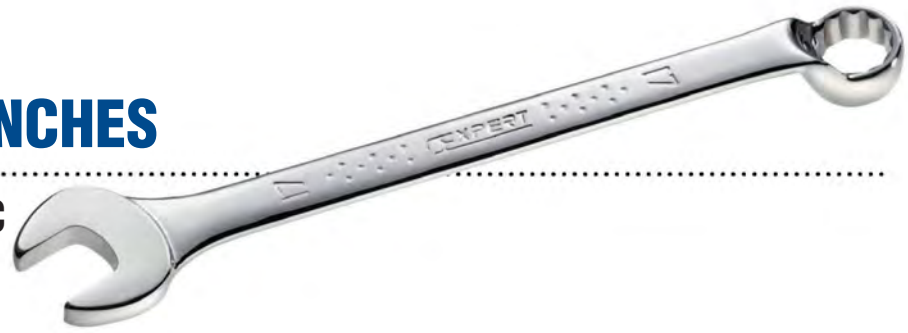
* NEW

SET OF 12 LONG COMBINATION WRENCHES - METRIC

- Supplied on plastic rack.

	Qty	Content	Weight (g)		EAN
E110303	12	8-9-10-11-12-13-14-15-16-17-18-19 mm.	1690	1	3258951103036

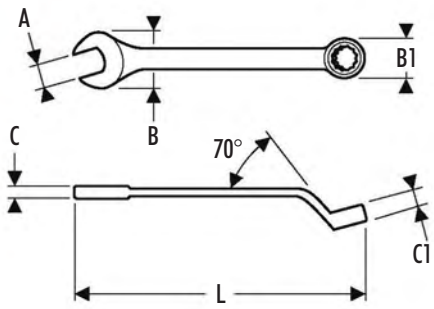
OFFSET COMBINATION WRENCHES



OFFSET COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1 - ISO 3318 - ISO 7738 - DIN 3113
- 12-point OGV® ring angled at 10°.
- Open end angled at 15° from handle axis.
- 12-point OGV® ring wrenches offset by 70° for better access to recessed nuts.
- Forged in Chrome Vanadium steel.
- High chrome finish.

	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E117720	6	125	16,30	10,40	3,70	5,20	17	1	3258951177204
E117721	7	135	18,20	11,80	3,70	5,70	21	1	3258951177211
E117722	8	145	20,30	13,40	4,10	6,30	32	1	3258951177228
E117723	9	155	22,20	14,40	4,10	7,30	41	1	3258951177235
E117724	10	165	23,80	16,20	4,60	7,30	44	1	3258951177242
E117725	11	172	25,70	17,20	4,90	8,10	56	1	3258951177259
E117726	12	180	27,60	18,70	4,90	8,80	67	1	3258951177266
E117727	13	195	28,80	20,30	5,90	9,60	77	1	3258951177273
E117728	14	210	31,70	21,50	5,90	9,80	89	1	3258951177280
E117729	15	215	34,30	22,80	6,40	10	107	1	3258951177297
E117730	16	230	36,20	24,20	6,80	10,90	132	1	3258951177303
E117731	17	240	38,60	26,10	7,10	11,60	150	1	3258951177310
E117732	18	255	39,20	27,20	7,40	12,20	167	1	3258951177327
E117733	19	265	42,10	28,80	7,80	12,50	191	1	3258951177334
E117734	21	280	45,30	31,70	8,40	12,80	240	1	3258951177341
E117735	22	300	46,10	33,20	8,60	13,10	276	1	3258951177358
E117736	23	320	51,40	35,80	9	14	347	1	3258951177365
E117737	24	320	51,40	35,80	9	14	337	1	3258951177372
E117738	26	348	54,50	38,30	10,40	15,30	448	1	3258951177389
E117739	27	370	57,80	41	10,80	16	569	1	3258951177396
E117740	28	370	57,80	41	10,80	16	553	1	3258951177402
E117741	29	390	62,50	43,70	11,40	16,50	664	1	3258951177419
E117742	30	390	62,50	43,70	11,40	16,50	651	1	3258951177426
E117743	32	412	67,40	46,70	12	17,50	813	1	3258951177433

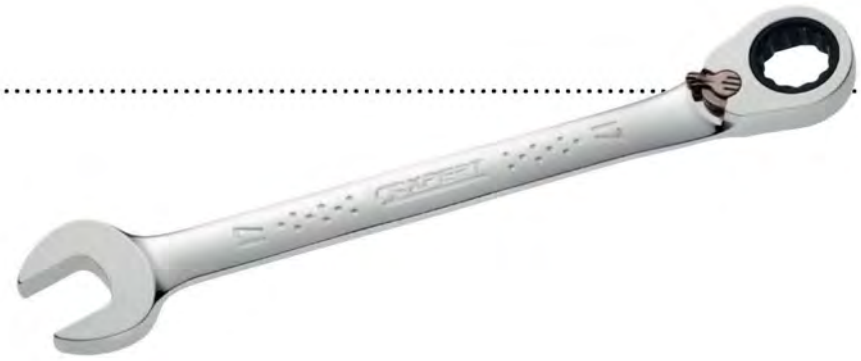


SET OF 9 OFFSET COMBINATION WRENCHES - METRIC

- Supplied in a box.

	Qty	Content	Weight (g)		EAN
E117744	9	8-9-10-11-13-14-15-17-19 mm	840	1	3258951177440

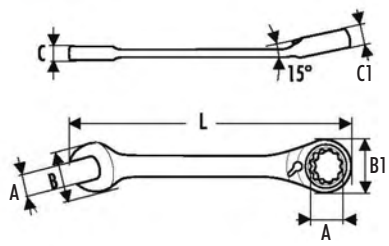
RATCHET COMBINATION WRENCHES



RATCHET COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1
- 5° increment.
- 12-point OGV® ring angled at 15°.
- Open end angled at 15° from the handle axis (increment angle 30°).
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Switch to change ratcheting direction built into handle to prevent accidental change.
- Forged in Chrome Vanadium steel.
- High chrome finish.

	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E117377	6	124	16,30	17,70	5,10	7,70	28	1	3258951173770
E117378	7	124	16,30	17,70	5,10	7,70	28	1	3258951173787
E113301	8	135	18,50	17,70	5,10	7,70	32	1	3258951133019
E113302	9	142	20,50	19,10	5,30	7,70	40	1	3258951133026
E113303	10	158	22,50	21,20	5,80	8,20	56	1	3258951133033
E113300	11	167	25	22,60	5,90	8,20	68	1	3258951133002
E113304	12	173	26,90	23,80	6,10	8,80	78	1	3258951133040
E113305	13	179	29	25,90	6,60	8,90	96	1	3258951133057
E113306	14	189	31,50	27,70	7,50	9,30	116	1	3258951133064
E113307	15	199	34	29,20	7,90	9,40	136	1	3258951133071
E113308	16	215	35,70	31,80	7,90	9,90	160	1	3258951133088
E113309	17	232	38,30	34,10	8	10,60	182	1	3258951133095
E113310	18	238	40,10	34	8,50	11	200	1	3258951133101
E113311	19	247	42	35,10	8,90	11,20	248	1	3258951133118
E117370	21	285	45,30	41,50	10,30	13	540	1	3258951173701
E117371	22	285	45,30	41,50	10,30	13	540	1	3258951173718
E117372	24	325	52	47	10,80	14,50	710	1	3258951173725
E117373	27	359	58,60	52	12,50	15	750	1	3258951173732
E117374	30	425	64,50	59,50	13	17	970	1	3258951173749
E113460	32	425	64,50	59,50	13	17	970	1	3258951134603

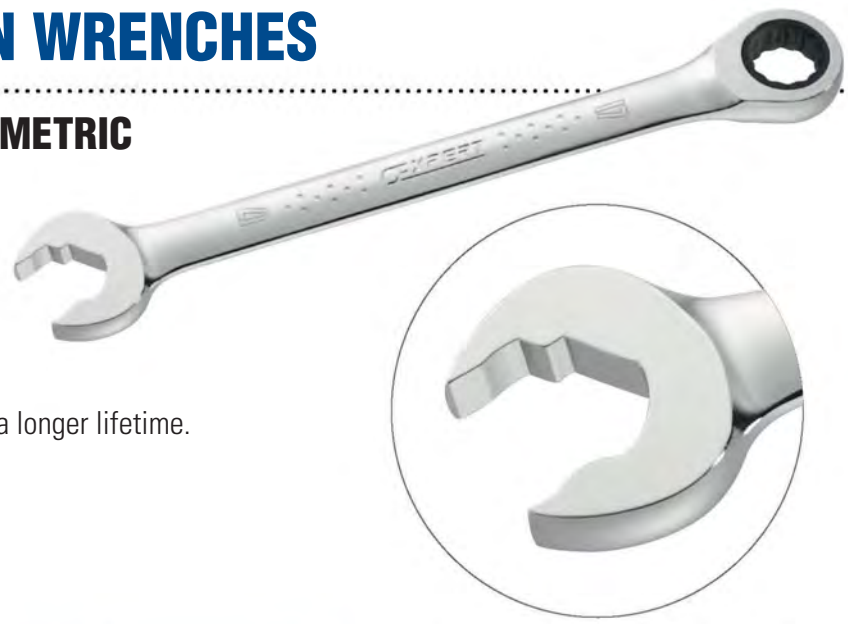


SETS OF RATCHET COMBINATION WRENCHES - METRIC

	Qty	Content	Container	Weight (g)		EAN
E111107	7	8-10-12-13-14-17-19 mm.	Plastic rack	990	1	3258951111079
E111106	12	8-9-10-11-12-13-14-15-16-17-18-19 mm.	Plastic rack	1670	1	3258951111062

NEW

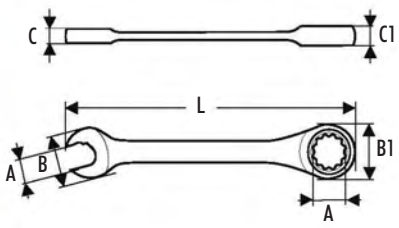
FAST RATCHET COMBINATION WRENCHES



FAST RATCHET COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1
- 5° increment.
- Straight 12-point OGV® ring end.
- Ratchet effect open end angled at 15° from the handle axis (increment angle 30°).
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Switch of direction by turning the wrench.
- Forged in Chrome Vanadium steel.
- High chrome finish.

	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E110924	8	136	18	17,50	5,10	7	30	1	3258951109243
E110925	9	143	20	19,30	5,40	7,60	45	1	3258951109250
E110926	10	160	22	21	5,80	7,70	55	1	3258951109267
E110927	11	168	24,50	22,70	6,10	8,30	65	1	3258951109274
E110928	12	174	26,50	24	6,40	8,70	75	1	3258951109281
E110929	13	180	27,60	26	6,70	9,30	105	1	3258951109298
E110930	14	193	31,40	27,70	7,40	9,40	115	1	3258951109304
E110931	15	200	33,40	29	7,70	10	140	1	3258951109311
E110932	16	216	34,60	30,70	8,10	10,60	165	1	3258951109328
E110933	17	233	38,40	33	8,80	10,90	185	1	3258951109335
E110934	18	239	39,90	33,70	9	11,20	205	1	3258951109342
E110935	19	250	41,50	34,80	9,50	11,50	225	1	3258951109359



NEW

SET OF 12 FAST RATCHET COMBINATION WRENCHES - METRIC

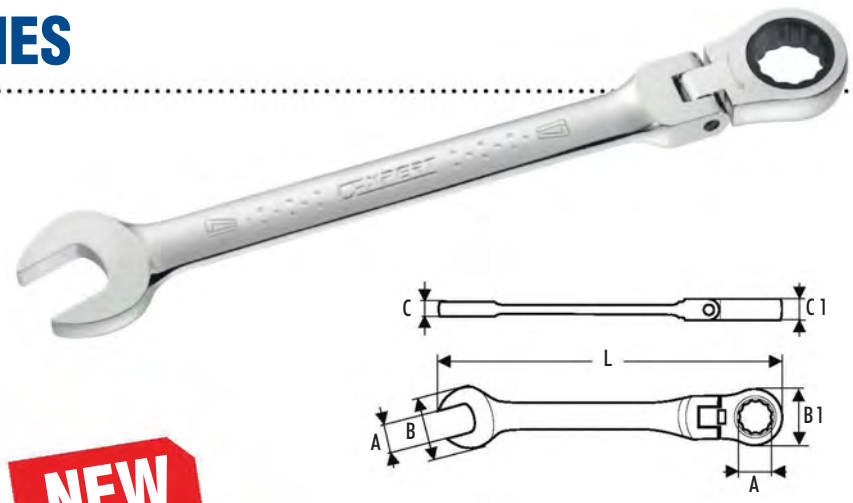
- Supplied on plastic rack.

	Qty	Content	Weight (g)		EAN
E111101	12	8-9-10-11-12-13-14-15-16-17-18-19 mm.	1590	1	3258951111017

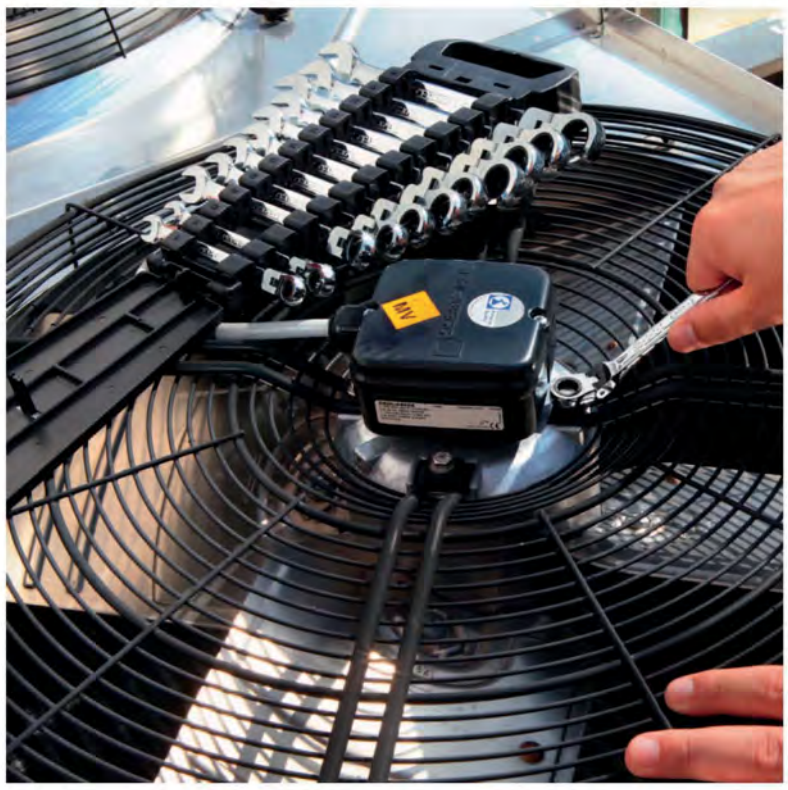
HINGED RATCHET COMBINATION WRENCHES

HINGED RATCHET COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1
- 5° increment.
- 12-point OGV® ring end flexible through 180°.
- Open end angled at 15° from the handle axis (increment angle 30°).
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Switch of direction by turning the wrench.
- Forged in Chrome Vanadium steel.
- High chrome finish.



NEW



	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E110901	8	136	17,10	17,50	5,50	7	40	1	3258951109014
E110902	9	143	19,20	19,30	5,80	7,60	50	1	3258951109021
E110903	10	160	21,30	21	6,10	7,70	65	1	3258951109038
E110904	11	168	23,70	22,70	6,40	8,30	75	1	3258951109045
E110905	12	174	25,80	24	6,70	8,70	90	1	3258951109052
E110906	13	180	26,80	26	7	9,30	110	1	3258951109069
E110907	14	193	30,40	27,70	7,30	9,40	130	1	3258951109076
E110908	15	200	32,10	29,10	7,70	10	140	1	3258951109083
E110909	16	216	33,80	30,70	8	10,60	180	1	3258951109090
E110910	17	233	37	32,60	8,30	10,90	205	1	3258951109106
E110911	18	239	38,70	33,70	8,60	11,20	230	1	3258951109113
E110912	19	250	40,20	34,80	9	11,50	270	1	3258951109120

SETS OF HINGED RATCHET COMBINATION WRENCHES - METRIC

	Qty	Content	Container	Weight (g)		EAN
E111108	7	8-10-12-13-14-17-19 mm.	Plastic rack	990	1	3258951111086
E111102	12	8-9-10-11-12-13-14-15-16-17-18-19 mm.	Plastic rack	1620	1	3258951111024

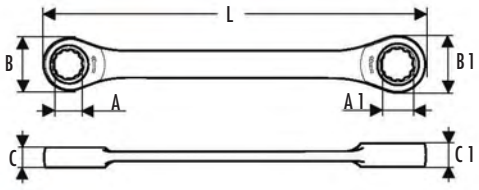
NEW

RATCHET RING WRENCHES

RATCHET RING WRENCHES - METRIC

- ISO 691 - ISO 1711-1
- 5° increment.
- Straight 12-point OGV® ring end.
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Switch of direction by turning the wrench.
- Forged in Chrome Vanadium steel.
- High chrome finish.

NEW



	A (mm)	A1 (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E110936	8	10	128	17,50	21	7	7,70	45	1	3258951109366
E110937	10	11	150	21	22,70	7,70	8,30	60	1	3258951109373
E110938	12	13	170	24	26	8,70	9,30	95	1	3258951109380
E110939	14	15	190	27,70	30,70	9,40	10	140	1	3258951109397
E110940	17	19	230	32,60	34,80	10,90	11,50	225	1	3258951109403

SET OF 5 RATCHET RING WRENCHES - METRIC

- Supplied on plastic rack.

	Qty	Content	Weight (g)		EAN
E111103	5	8x10-10x11-12x13-14x15-17x19 mm.	730	1	3258951111031

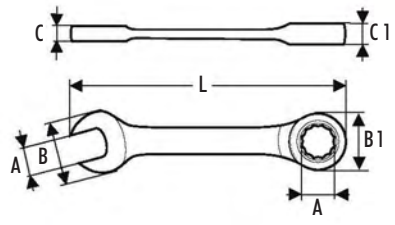
SHORT RATCHET COMBINATION WRENCHES

SHORT RATCHET COMBINATION WRENCHES - METRIC

- ISO 691 - ISO 1711-1
- 5° increment.
- Straight 12-point OGV® ring end.
- Open end angled at 15° from the handle axis (increment angle 30°).
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Switch of direction by turning the wrench.
- Short wrenches for better accessibility in confined spaces.
- Forged in Chrome Vanadium steel.
- High chrome finish.

NEW

	A (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	Weight (g)		EAN
E110914	10	96	21,30	21	5,50	7,70	40	1	3258951109144
E110916	12	104	25,40	24	6,10	8,70	55	1	3258951109168
E110917	13	108	26,80	26	6,30	9,30	65	1	3258951109175
E110918	14	114	29,80	27,70	6,70	9,40	80	1	3258951109182
E110919	15	118	31,60	29,10	7,10	10	100	1	3258951109199
E110921	17	128	36,20	32,60	7,80	10,90	125	1	3258951109212
E110923	19	138	40	34,80	8,50	11,50	155	1	3258951109236



SET OF 7 SHORT RATCHET COMBINATION WRENCHES - METRIC

- Supplied on plastic rack.

	Qty	Content	Weight (g)		EAN	
E111104	7	10-12-13-14-15-17-19 mm.	670	1	3258951111048	***0,00 €***

RATCHET WRENCHES MODULES

MODULE OF 7 RATCHET COMBINATION WRENCHES METRIC AND 1 ADJUSTABLE WRENCH

- Thermoformed module.
- Designed to be inserted in roller cabinet drawers.
- Empty module: E010509.

	Qty	Content	Weight (g)		EAN
E111100	8	Ratchet combination wrenches : 8-10-12-13-14-17-19 mm. Adjustable wrench 250 mm.	1575	1	3258951111000

MODULE OF 12 RATCHET COMBINATION WRENCHES - METRIC

- Thermoformed module.
- Designed to be inserted in roller cabinet drawers.
- Empty module: E195064.

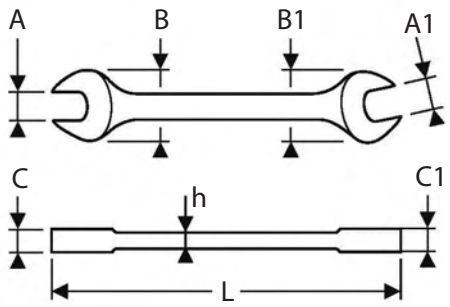
	Qty	Content	Weight (g)		EAN
E194938	12	8-9-10-11-12-13-14-15-16-17-18-19 mm.	1592	1	3258951949382

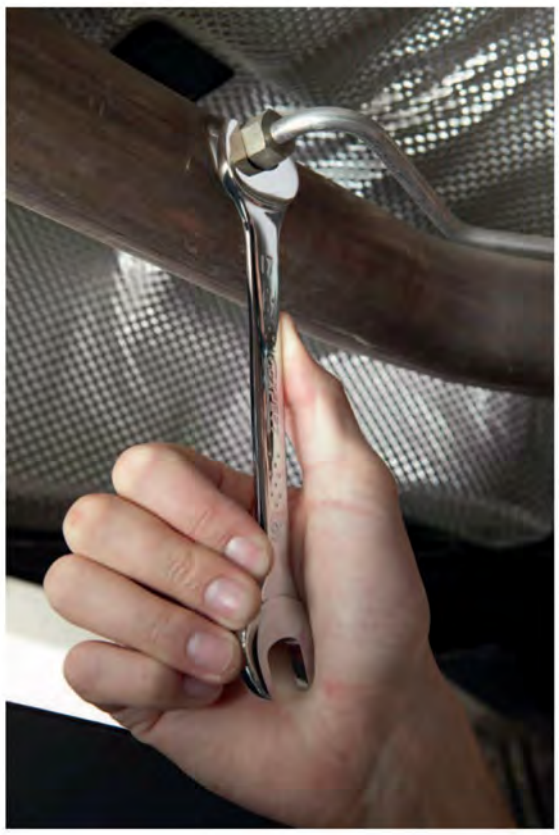
OPEN-END WRENCHES

OPEN-END WRENCHES - METRIC

- ISO 691 - ISO 1711-1 - ISO 3318 - ISO 10102 - DIN 3110
- Open end angled at 15° from handle axis.
- Forged in Chrome Vanadium steel.
- High chrome finish.

	A (mm)	A1 (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	h (mm)	Weight (g)		EAN
E113262	4	5	112	12,50	14,50	3,20	3,20	320	15	1	3258951132623
E113250	6	7	122	16	18	3,30	3,30	330	20	1	3258951132500
E113251	8	9	140	20	22	3,60	3,60	360	32	1	3258951132517
E113265	8	10	140	20	22	3,60	3,60	360	32	1	3258951132654
E113252	10	11	156	23,40	25,40	4,60	4,60	460	47	1	3258951132524
E113267	10	13	172	25,80	28,40	5,10	5,10	510	62	1	3258951132678
E113268	11	13	172	27,20	28,40	5,10	5,10	5	62	1	3258951132685
E113253	12	13	172	27,20	28,40	5,10	5,10	510	63	1	3258951132531
E113272	13	17	188	31,40	33,90	5,60	5,60	560	88	1	3258951132722
E113254	14	15	188	31,40	33,90	5,60	5,60	560	92	1	3258951132548
E113255	16	17	204	35,90	38,20	6,10	6,10	610	118	1	3258951132555
E113275	17	19	220	38,40	41,90	6,50	6,50	650	158	1	3258951132753
E113256	18	19	220	38,40	41,90	6,50	6,50	650	146	1	3258951132562
E113257	20	22	234	42	45,90	7,20	7,20	720	200	1	3258951132579
E113258	21	23	247	45,20	48,40	7,50	7,50	750	220	1	3258951132586
E113279	22	24	247	45,20	48,40	7,50	7,50	750	234	1	3258951132791
E111201	24	26	266	50,40	55,90	8,20	8,20	820	318	1	3258951112014
E113259	24	27	266	50,40	55,90	8,20	8,20	820	375	1	3258951132593
E113260	25	28	285	53,40	61,90	8,40	8,40	840	377	1	3258951132609
E113261	26	28	285	53,40	61,90	8,40	8,40	840	456	1	3258951132616
E113281	27	29	302	58,30	62,70	9,10	9,10	910	456	1	3258951132814
E113282	27	30	302	58,30	62,70	9,10	9,10	910	481	1	3258951132821
E113909	30	32	302	59,90	64,90	9,10	9,10	910	600	1	3258951139097
E113285	33	35	319	64,40	78	10,20	10,20	1020	612	1	3258951132852
E113287	34	36	319	64,40	78	10,20	10,20	1020	918	1	3258951132876
E113286	36	41	380	74,30	85,40	12,20	12,20	1220	918	1	3258951132869
E113288	38	42	380	74,30	85,40	12,20	12,20	1220	918	1	3258951132883
E111202	41	46	415	85	94	14,70	14,70	1470	1450	1	3258951112021
E111203	46	50	465	94	103	15,70	15,70	1570	1767	1	3258951112038

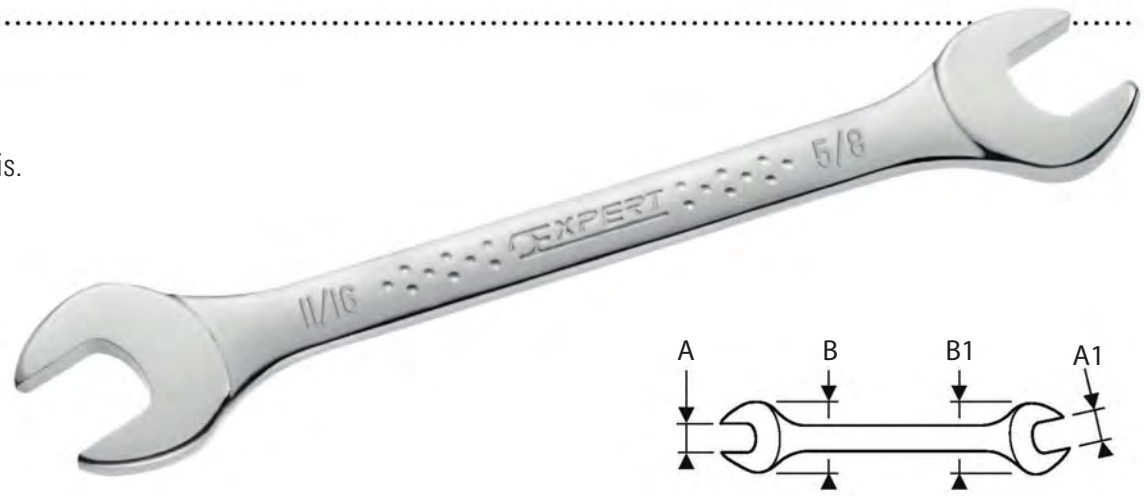


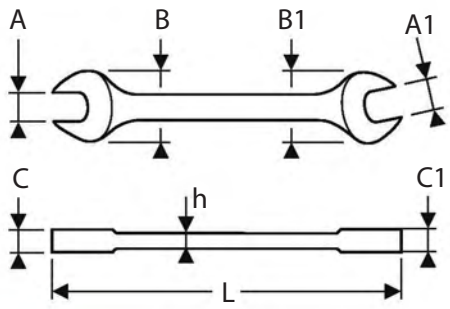


OPEN-END WRENCHES

OPEN-END WRENCH - INCH

- ASME B 107-100
- Open end angled at 15° from handle axis.
- Forged in Chrome Vanadium steel.
- High chrome finish.





	A (")	A1 (")	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	h (mm)	Weight (g)		EAN
E113289	1/4"	5/16"	122	16,20	18,10	3,30	3,30	330	20	1	3258951132890
E113290	11/32"	13/32"	140	20,20	22,20	3,60	3,60	360	31	1	3258951132906
E113291	3/8"	7/16"	156	23,60	25,60	4,60	4,60	460	49	1	3258951132913
E113292	1/2"	9/16"	180	28,60	31,60	5,10	5,10	510	105	1	3258951132920
E113293	5/8"	11/16"	204	36,10	38,40	6,10	6,10	610	125	1	3258951132937
E113294	3/4"	13/16"	234	42	45,60	7,20	7,20	720	214	1	3258951132944
E113295	7/8"	15/16"	247	45,40	48,60	7,50	7,50	750	246	1	3258951132951
E113296	1"	1"1/16	285	53,80	62,30	8,40	8,40	840	379	1	3258951132968
E113298	1"3/16	1"5/16	302	60,30	65,30	9,10	9,10	910	458	1	3258951132982
E113299	1"3/8	1"1/2	319	64,80	78,40	10,20	10,20	1020	632	1	3258951132999
E113461	1"7/16	1"5/8	380	74,70	85,80	12,20	12,20	1220	920	1	3258951134610

SETS OF OPEN END WRENCHES - METRIC

	Qty	Content	Container	Weight (g)		EAN	
E111406	8	4x5-6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm.	Plastic rack	720	1	3258951114063	*
E117381	12	6x7-8x9-10x11-12x13-14x15-16x17-18x19-21x23-22x24-26x28-27x29-30x32 mm.	Carton box	2350	1	3258951173817	
E117382	16	4x5-6x7-8x9-10x11-12x13-14x15-16x17-18x19-21x23-22x24-26x28-27x29-30x32-33x35-36x41-38x42 mm.	Carton box	4730	1	3258951173824	

* NEW

Wrenches

OPEN END WRENCHES MODULE

MODULE OF 11 OPEN END WRENCHES - METRIC

- Thermoformed module.
- Designed to be inserted in roller cabinet drawers.
- Empty module: E111221.

NEW

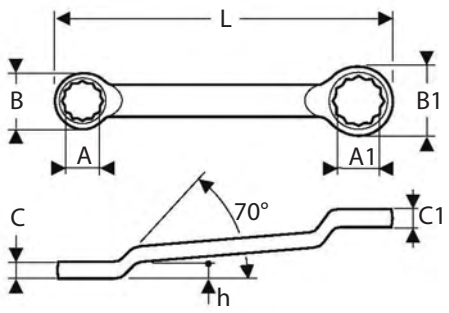
	Qty	Content	Weight (g)		EAN
E111220	11	6x7-8x9-10x11-12x13-14x15-16x17-18x19-21x23-22x24-27x29-30x32 mm.	2345	1	3258951112205

OFFSET RING WRENCHES

OFFSET RING WRENCHES - METRIC

- ISO 691 - ISO 1711-1 - ISO 3318 - ISO 10104 - DIN 838
- 12-point OGV® ring wrenches offset by 70° for better access to recessed nuts.
- OGV® Ring profile maximizing contact surface with the nut for a longer lifetime.
- Forged in Chrome Vanadium steel.
- High chrome finish.

	A (mm)	A1 (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	h (mm)	Weight (g)		EAN
E113321	6	7	170	10,80	12,50	4,90	5,60	19,50	45	1	3258951133217
E113322	8	9	182	13,40	15,30	6	6,80	20,50	70	1	3258951133224
E111501	8	10	190	13,40	15,50	6	7,40	21,50	79	1	3258951115015
E113323	10	11	206	16	17,80	7,40	7,90	22,50	90	1	3258951133231
E113324	12	13	213	18,80	20,20	8,40	8,90	24,50	126	1	3258951133248
E113364	13	17	245	19,60	25,20	9	11	26,80	170	1	3258951133644
E113325	14	15	228	20,80	22,50	9,40	9,90	26,20	155	1	3258951133255
E113326	16	17	246	24,20	25,70	10,40	10,90	28,50	193	1	3258951133262
E113366	17	19	265	27,60	28,70	11,40	11,90	30,50	250	1	3258951133668
E111500	18	19	265	27,60	28,70	11,40	11,90	30,50	241	1	3258951115008
E111502	19	22	288	29,70	32,50	12,40	12,90	32,50	314	1	3258951115022
E113328	20	22	288	29,70	32,50	12,40	12,90	32,50	315	1	3258951133286
E113730	21	23	310	31	33,20	12,30	13,30	32,50	352	1	3258951137307
E113329	22	24	310	31	33,20	12,30	13,30	32,50	344	1	3258951133293
E111503	24	27	330	34,80	39,20	13,70	14,30	34	475	1	3258951115039
E113367	25	28	348	36,60	40,50	14,20	14,70	35	548	1	3258951133675
E113368	27	29	372	42	45,20	15	16	37	662	1	3258951133682
E113369	27	30	372	42	45,20	15	16	37	662	1	3258951133699
E117376	30	32	372	42,20	45,50	15	16	37	635	1	3258951173763



OFFSET RING WRENCHES

SETS OF OFFSET RING WRENCHES - METRIC

	Qty	Content	Container	Weight (g)		EAN
E111708	6	8x9-10x11-12x13-14x15-16x17-18x19 mm.	Plastic rack	980	1	3258951117088
E111709	5	20x22-21x23-24x27-27x30-30x32 mm.	Carton box	2575	1	3258951117095

MODULE OF 8 OFFSET RING WRENCHES - METRIC

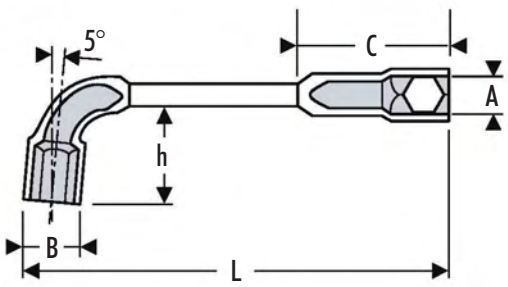
- Thermoformed module.
- Designed to be inserted in roller cabinet drawers.
- Empty module: E111711.

	Qty	Content	Weight (g)		EAN
E111710	8	6x7-8x9-10x11-12x13-14x15-16x17-18x19-22x24 mm.	1576	1	3258951117101

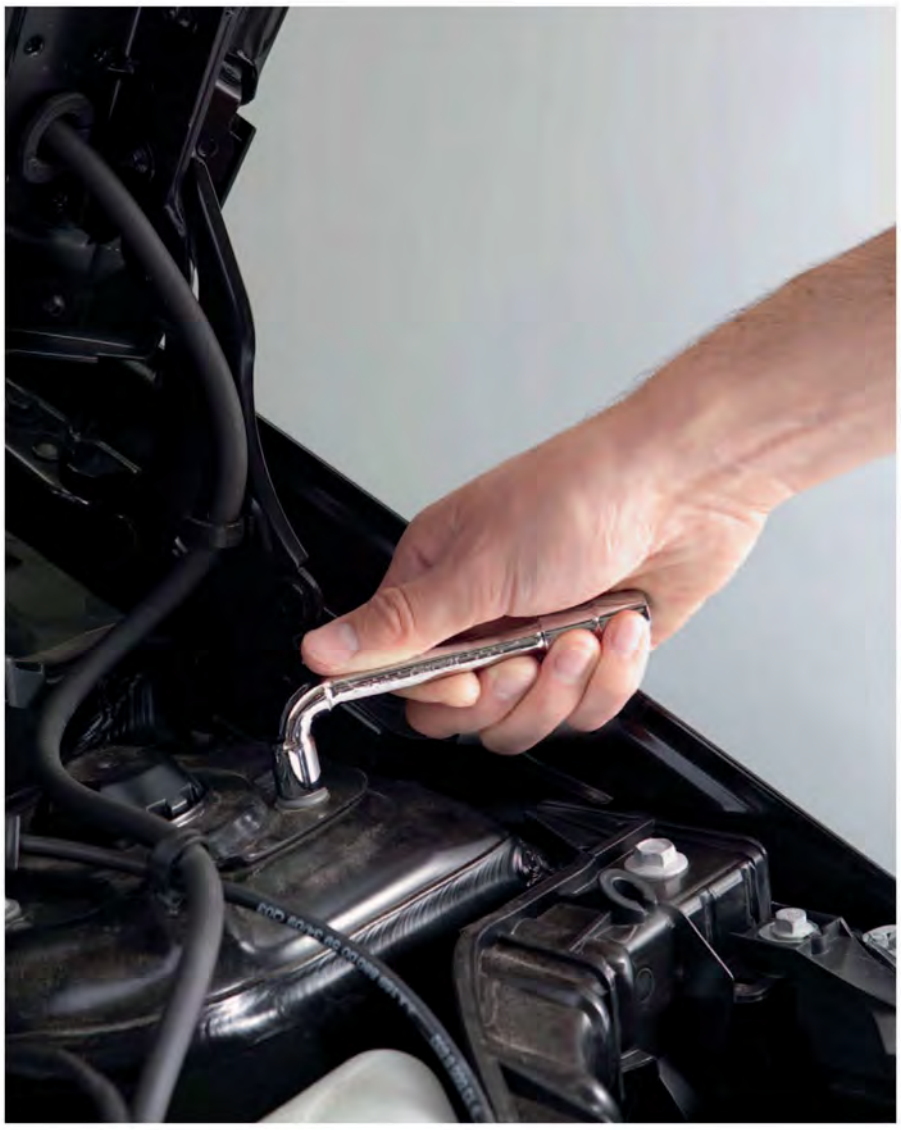
ANGLED SOCKET WRENCHES

ANGLED SOCKET WRENCHES 12-POINT X 6-POINT - METRIC

- ISO 691 - ISO 2236
- The specific angle offers increased torque application.
- The opening allows a threaded rod to be passed through for nuts on a long thread and also enables the use of a bar to increase torque application.
- The deep punch in the heads allows for tightening even when the threaded rod protrudes.
- Forged in Chrome Vanadium steel.
- High chrome finish.



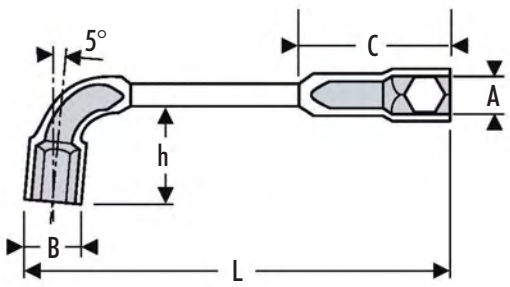
	A (mm)	L (mm)	B (mm)	C (mm)	h (mm)	Weight (g)		EAN
E113458	6	102	10	23	15	30	1	3258951134580
E113459	7	106	11	24	17	40	1	3258951134597
E113370	8	114	12,50	27	19	55	1	3258951133705
E113371	9	122	13,50	28	20	75	1	3258951133712
E113372	10	129	15	30	23	90	1	3258951133729
E113373	11	136	16,50	32	25	110	1	3258951133736
E113374	12	144	18	38	28	150	1	3258951133743
E113375	13	152	19,50	40	30	165	1	3258951133750
E113376	14	160	21	42	32	200	1	3258951133767
E113377	15	169	22,50	44	34	220	1	3258951133774
E113378	16	178	24	49	37	270	1	3258951133781
E113379	17	187	25,50	51	39	310	1	3258951133798
E113380	18	195	26,50	53	40	330	1	3258951133804
E113381	19	204	28,50	54	41	410	1	3258951133811
E113382	20	212	29,50	56	43	465	1	3258951133828
E113383	21	221	30,50	58	46	490	1	3258951133835
E113384	22	230	32	60	48	525	1	3258951133842
E113385	23	240	33,50	67	51	640	1	3258951133859
E113386	24	250	34,50	70	54	640	1	3258951133866
E113388	27	280	38	77	58	960	1	3258951133880
E113389	30	310	42	87	64	1250	1	3258951133897
E113390	32	330	44,50	92	74	1425	1	3258951133903



ANGLED SOCKET WRENCHES

ANGLED SOCKET WRENCHES 6-POINT X 6-POINT - METRIC

- ISO 691 - ISO 2236
- The specific angle offers increased torque application.
- The opening allows a threaded rod to be passed through for nuts on a long thread and also enables the use of a bar to increase torque application.
- The deep punch in the heads allows for tightening even when the threaded rod protrudes.
- Forged in Chrome Vanadium steel.
- High chrome finish.



	A (mm)	L (mm)	B (mm)	C (mm)	h (mm)	Weight (g)		EAN
E113393	6	102	10	21	15	35	1	3258951133934
E113394	7	106	11	22	17	45	1	3258951133941
E113395	8	114	12,50	25	19	60	1	3258951133958
E113396	9	122	13,50	26	20	75	1	3258951133965
E113397	10	129	15	28	24	85	1	3258951133972
E113398	11	136	16,50	30	25	115	1	3258951133989
E113399	12	144	18	36	28	145	1	3258951133996
E113400	13	152	19,50	38	30	170	1	3258951134009
E113401	14	160	21	40	32	200	1	3258951134016
E113402	15	169	22,50	42	34	230	1	3258951134023
E113403	16	178	24	46	37	290	1	3258951134030
E113404	17	187	25,50	48	39	310	1	3258951134047
E113405	18	195	26,50	50	40	325	1	3258951134054
E113406	19	204	28,50	51	41	420	1	3258951134061
E113407	20	212	29,50	53	43	440	1	3258951134078
E113408	21	221	30,50	55	46	490	1	3258951134085
E113409	22	230	32	57	48	530	1	3258951134092
E113410	23	240	33,50	64	51	650	1	3258951134108
E113411	24	250	34,50	67	54	660	1	3258951134115
E113451	25	260	36	69	56	845	1	3258951134511
E113412	26	270	37	70	57	985	1	3258951134122
E113413	27	280	38,50	73	58	1215	1	3258951134139
E113452	28	290	39,50	75	60	840	1	3258951134528
E113453	29	300	41	76	62	1035	1	3258951134535
E113414	30	310	42	83	64	1085	1	3258951134146
E113454	31	320	43,50	86	70	1352	1	3258951134542
E113415	32	330	44,50	88	74	1450	1	3258951134153
E113455	34	350	47,50	95	80	1550	1	3258951134559
E113456	35	360	48,50	96	81	1643	1	3258951134566
E113457	36	370	49,50	97		1758	1	3258951134573

ANGLED SOCKET WRENCHES

SETS OF ANGLED SOCKET WRENCHES - METRIC

	Sided	Qty	Content	Container	Weight (g)		EAN
E117383	6 x 6	10	8-10-11-12-13-14-16-17-18-19 mm.	Carton box	2260	1	3258951173831
E113416	6 x 6	16	8-9-10-11-12-13-14-15-16-17-18-19-21-22-23-24 mm.	Carton box	4925	1	3258951134160
E117387	6 x 12	10	8-10-11-12-13-14-16-17-18-19 mm.	Carton box	2230	1	3258951173879
E117386	6 x 12	16	8-9-10-11-12-13-14-15-16-17-18-19-21-22-23-24 mm.	Carton box	4890	1	3258951173862
E112201	6 x 12	22	6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32 mm.	Carton box	9210	1	325895112013

10PC ANGLED SOCKET WRENCHES 6-POINT X 6-POINT MODULE - METRIC

- Thermoformed module.
- Designed to be inserted in roller cabinet drawers.
- Empty module: E113558.

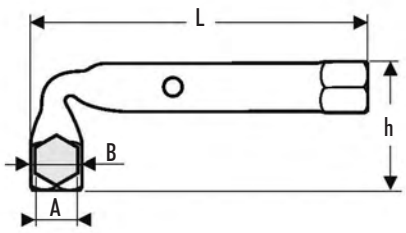
	Qty	Content	Weight (g)		EAN
E194939	10	8-10-11-12-13-14-16-17-18-19 mm.	2445	1	3258951949399

BOX WRENCHES

6 X 6 BOX WRENCHES

- ISO 691 - ISO 2236
- Will reach nuts on long threaded rods.
- Through hole for using a bar.
- High chrome finish.

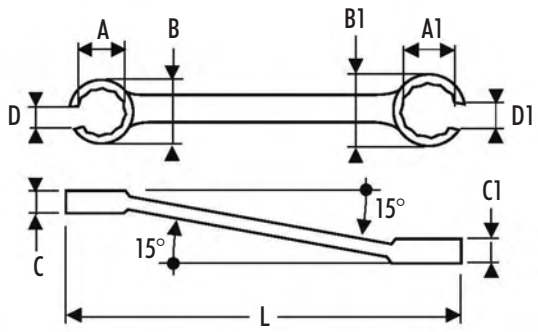
	A (mm)	L (mm)	B (mm)	h (mm)	Weight (g)		EAN
E113500	5	95	8,80	23,50	25	1	3258951135006
E113501	5.5	95	9,30	25	25	1	3258951135013
E113502	6	100	9,90	26,50	30	1	3258951135020
E113503	7	100	11,10	28,50	30	1	3258951135037
E113504	8	109	12,70	31,50	50	1	3258951135044
E113505	9	109	13,90	33	50	1	3258951135051
E113506	10	118	15,50	36,50	77	1	3258951135068
E113507	11	118	16,70	36,50	87	1	3258951135075
E113508	12	127	18,90	43	117	1	3258951135082
E113509	13	127	19,50	43	118	1	3258951135099
E113510	14	136	21,20	49	156	1	3258951135105
E113512	15	136	22,30	49	157	1	3258951135129
E113513	16	145	23,40	55	190	1	3258951135136
E113514	17	145	24,50	55	191	1	3258951135143
E113515	18	154	25,80	61	226	1	3258951135150
E113516	19	154	27	61	227	1	3258951135167
E113517	21	163	30,30	67,50	317	1	3258951135174
E113518	22	172	31,40	68	353	1	3258951135181
E113519	23	172	32,50	72,50	360	1	3258951135198
E113520	24	180	33,70	74,50	420	1	3258951135204



FLARE-NUT WRENCHES

6 X 6 POINT AND 12 X 12 POINT FLARE NUT WRENCHES

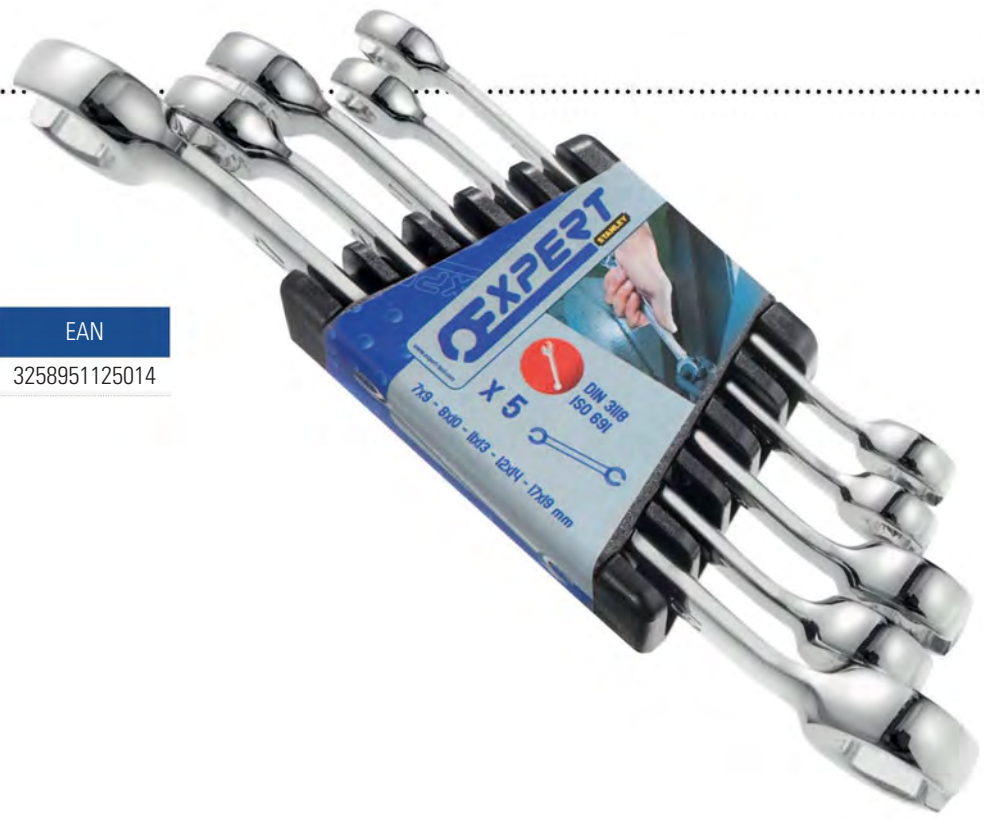
- DIN 3118 - ISO 691
- 12-point OGV® ring angled at 15°.
- Open end angled at 15° from handle axis.
- 6-point heads up to 12 x 14 mm.
- Forged in Chrome Vanadium steel.
- High chrome finish.



	A (mm)	A1 (mm)	L (mm)	B (mm)	B1 (mm)	C (mm)	C1 (mm)	d (mm)	d1 (mm)	Weight (g)		EAN
E112301	7	9	139	17,80	19,30	6,50	7,50	6	6,50	41	1	3258951123010
E117388	8	10	139	17,80	19,30	6,50	7,50	6	7	41	1	3258951173886
E117391	11	13	174	22,80	25,30	6,50	7,50	6	7	82	1	3258951173916
E117392	12	14	174	22,80	25,30	8,50	10,50	9	11	77	1	3258951173923
E117394	17	19	213	31,20	33,30	12	13	14	15	182	1	3258951173947
E117395	19	22	228	33,40	38,40	13	14	15	17	229	1	3258951173954
E117368	24	27	255	42,40	46,40	16	17	18	20	412	1	3258951173688

SET OF 5 FLARE-NUT WRENCHES 6-POINT X 6-POINT

- Supplied on plastic rack.



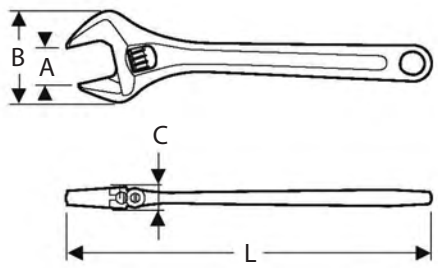
	Qty	Content	Container	Weight (g)		EAN
E112501	5	7x9-8x10-11x13-12x14-17x19 mm.	Plastic rack	470	1	3258951125014

ADJUSTABLE WRENCHES

ADJUSTABLE WRENCHES

- ISO 6787 - DIN 3117 - ASME B 107.8 M
- Head tilted at 15° for a 30° deflection angle when flipped.
- Hardened chrome-vanadium steel body.
- Presentation: chromed, polished faces.
- Right-hand knob rotation.
- Registred model.
- Reduced nose thickness for better access.
- Round handle design for better ergonomics.
- Fully Tempered and hardened jaws.

	A (mm)	L (mm)	B (mm)	C (mm)	Weight (g)		EAN
E187366	20	6" - 150	46	10,80	130	1	3258951873663
E187368	24	8" - 200	57,40	13,50	240	1	3258951873687
E187470	29	10" - 250	69,80	16	440	1	3258951874707
E187472	34	12" - 300	82,30	19	700	1	3258951874721
E187473	44	15" - 375	104,30	25	1290	1	3258951874738
E117905	55	18" - 450	120	26	1950	1	3258951179055
E117906	62	24" - 600	132	31	3225	1	3258951179062

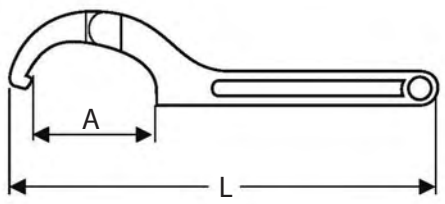


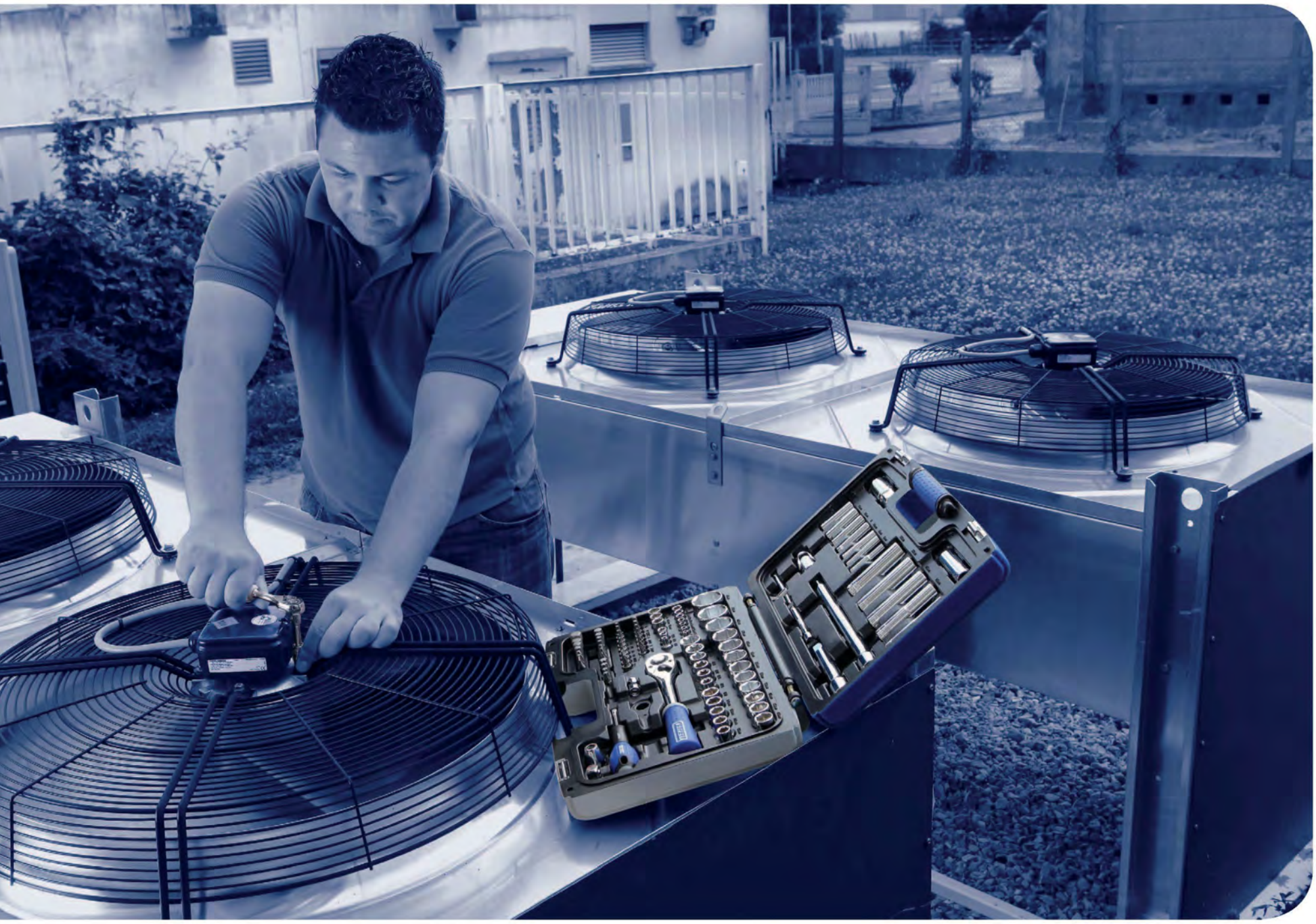
HOOK AND PIN WRENCHES

HOOK AND PIN WRENCHES

- Sizes cover 19 to 159mm.
- Hardened Chrome Vanadium steel body.
- High chrome finish.

	A (mm)	L (mm)	Weight (g)		EAN
E112601	19 - 51	165	130	1	3258951126011
E112602	32 - 76	216	225	1	3258951126028
E112603	51 - 121	267	455	1	3258951126035
E112604	114 - 159	308	490	1	3258951126042





LOCKING
Socket safety lock.
MECHANISM
72-tooth mechanism.
REVERSING LEVER
Visible rotation direction.
HANDLE
Ergonomic bi-material handle.
FINE TOOTH
5° increments.
FINISH
High chrome finish.
EXPERT

RATCHETS, SOCKETS

Multi-drive sets 40

1/4" Range 42

3/8" Range 53

1/2" Range 64

3/4" Range 78

1" Range 83

1/2" Impact Range 85

3/4" Impact Range 89

STRONG, COMPACT AND OPTIMIZED STORAGE

COMPACT
6 sizes of cases to meet all needs with maximum compactness.

LINING
The inner lining of the cases is made of modules in plastic or foam according to requirements.

BUILT-IN HANDLE
The largest dimensions have a built in handle for easy carrying without altering the compactness or modularity.

METAL LATCHES
Built in metal latches on the 4 largest models, ensuring strong and effective locking.

W. 565 x D. 415 x H. 92 mm

W. 415 x D. 283 x H. 92 mm

OPTIMUM STORAGE IN ROLLING CABINETS

ORGANISATION

Each case is half the size of of the larger sized case. The largest case is sized based on the dimensions of the EXPERT roller cabinets. Ideal for organised storage.

STORAGE

Set cases can be stored in the drawers easily, open or closed. When open the set cases form ideal drawer modules.

OPENING

The cases can be opened completely flat.
Roller Cabinet drawers can be organised with modules and/or set cases open or closed.

HANDY TIP

4 largest cases come with sliding hinge pins which allow the lid and base to be split into 2 parts and used independently.

W. 275 x D. 186 x H. 80 mm

W. 186 x D. 138 x H. 54 mm

W. 137 x D. 94 x H. 31 mm

W. 92 x D. 64 x H. 31 mm

MULTI-DRIVE SETS

1/4" & 1/2" SOCKET & ACCESSORY SET - 98 PIECES

- 1/4" sockets hex: 4-5-5.5-6-7-8-9-10-11-12-13 mm.
- 1/4" deep hex sockets: 6-8-10-11-12-13-14 mm.
- 1/4" Torx® bits: T6-T8-T10.
- 1/4" slotted head screwdriver sockets: 4-7 mm.
- 1/4" Torx® screwdriver sockets: T8-T10-T15-T20-T25-T27-T30.
- 1/4" Pozidriv® screwdriver sockets: PZ1-PZ2.
- 1/4" Phillips® screwdriver sockets: PH1-PH2.
- 1 1/4" locking meter ratchet.
- 2 1/4" extensions 55-100 mm.
- 1 1/4" Universal joint.
- 1 1/4" sliding T-handle.
- 1 1/4" bi-material screwdriver handle.
- 1/2" hex sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm.
- 1/2" hex deep sockets: 14-15-17-19-22 mm.
- 2 1/2" spark plug sockets: 16 mm & 21 mm.
- 1/2" Torx® sockets: E12-E14-E16-E18-E20-E24.
- 1 1/2" locking meter ratchet.
- 1 1/2" - 3/8" adaptor.
- 1 1/2" to 5/16" bit adaptor.
- 1 1/2" universal joint.
- 2 1/2" extensions 130-250 mm.
- 1 1/2" extension 250 mm.
- 5/16'' XZN bits: 6-8-10-12.
- 5/16" slotted head bits: 8-12 mm.
- 5/16" Torx® bits: T40-T45-T50-T55.
- 5/16" hex bits: 8-10-12-14 mm.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E034805	98	1/4"-1/2"	6,5	415 x 283 x 92mm	5	3258950348056

1/4" - 3/8" SOCKET SET - 9 PIECES

- 1/4" Hex driver sockets: 3-4-5-6 mm.
- 3/8" Hex screwdriver sockets: 7-8-9-10-12 mm.
- Supplied on metallic rack.

	Qty	Square	Weight (g)		EAN
E034802	9	1/4"-3/8"	300	10	3258950348025

MULTI-DRIVE SETS

1/4" & 1/2" SOCKET, WRENCH AND ACCESSORY SET - 101 PIECES

- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1/4" hex screwdriver bit sockets: 3-4-5-6 mm.
- 1/4" screwdriver bit sockets: Pozidriv® PZ1-PZ2 - Phillips® PH1-PH2.
- 1/4" Torx® screwdriver bit sockets: T8-T10-T15-T20-T25-T27-T30.
- 1/2" hex sockets: 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm.
- 1/2" deep hex sockets: 13-17-19 mm.
- 1/4" slotted head screwdriver bit sockets: 4-5.5-7 mm.
- 5/16" slotted head bits: 8-12 mm.
- 5/16" Phillips® bits: PH3-PH4.
- 5/16" Pozidriv® bits: PZ3-PZ4.
- 5/16" hex bits: 12-14 mm.
- 5/16" Torx® bits: T40-T45-T50-T5.
- Hex key set in sleeve: 1.5-2-2.,5-3-4-5-6-7-8-9-10 mm.
- Combination wrenches: 7-8-10-11-12-13-14-15-16-17-18-19 mm.
- 1 1/4" locking meter ratchet.
- 1 1/4" bit adaptor.
- 2 1/4" extensions 55-100 mm.
- 1 1/4" universal joint.
- 1 1/4" sliding T-handle.
- 1 1/4" bimaterial screwdriver handle.
- 1 1/2" locking meter ratchet.
- 1 1/2" universal joint.
- 2 1/2" extensions 130-250 mm.
- 1 1/2" sliding T-handle.
- 2 1/2" spark plug sockets: 16-21 mm.
- 1 1/2" to 5/16" bit adaptor.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E032911	101	1/4" - 1/2"	8	565 x 415 x 92mm	5	3258950329116

1/4" - 3/8" - 1/2" TORX SOCKET SET - 13 PIECES

- 1/4" Torx® sockets: E4-E5-E6-E7-E8.
- 3/8" Torx® sockets: E10-E12-E14-E16.
- 1/2" Torx® sockets: E18-E20-E22-E24.
- Supplied on metallic rack.

	Qty	Square	Weight (g)		EAN
E034801	13	1/4" - 3/8" - 1/2"	500	10	3258950348018

1/4" SOCKET SETS

1/4" SOCKET AND ACCESSORY SET - 73 PIECES

- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1/4" deep hex sockets: 5-5.5-6-7-8-10-11-12-13 mm.
- 1/4" 12-point sockets: 1/2"-1/4"-11/32"-3/16"-3/8"-5/16"-7/16"-7/32"-9/16"-9/32''.
- 1/4" slotted head screwdriver bit sockets: 4-5.5-7 mm.
- 1/4" Pozidriv® screwdriver bit sockets: PZ1-PZ2-PZ3.
- 1/4" Phillips® screwdriver bit sockets: PH1-PH2-PH3.
- 1/4" Torx® screwdriver bit sockets: T6-T7-T8-T9-T10-T15-T20-T25-T30-T40.
- 1/4" Torx® sockets: E4-E5-E6-E7-E8-E10.
- 1/4" hex screwdriver bit sockets: 2-2.5-3-4-5-6-7-8 mm.
- 1 1/4" locking meter ratchet.
- 3 1/4" extensions 55-100-150 mm.
- 1 bimaterial screwdriver handle.
- 1 1/4" universal joint.
- 1 1/4" sliding T-handle.
- 1 1/4" bit adaptor.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E030707	73	1/4"	2	275 x 186 x 80mm	5	3258950307077

1/4" SOCKET AND ACCESSORY SET - 42 PIECES

- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1/4" Pozidriv® screwdriver bit sockets: PZ1-PZ2-PZ3.
- 1/4" Phillips® screwdriver bit sockets: PH1-PH2-PH3.
- 1/4" hexagonal screwdriver bit sockets: 3-4-5-6-7-8 mm.
- 1/4" Torx® screwdriver bit sockets: T10-T15-T20-T25-T30-T40.
- 1/4" slotted head screwdriver sockets: 4-5.5-7 mm.
- 3 1/4" extensions 55-100-150 mm.
- 1 1/4" sliding T-handle.
- 1 bimaterial screwdriver handle.
- 1 1/4" universal joint.
- 1 1/4" locking meter ratchet.
- 1 1/4" bit holder.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E030702	42	1/4"	1,5	275 x 186 x 80mm	10	3258950307022

1/4" SOCKET SETS

1/4" SOCKET AND ACCESSORY SET - 34 PIECES

- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- slotted head bits: 4-5.5-6.5 mm.
- Pozidriv® bits: PZ1-PZ2-PZ3.
- Resistorx® bits: TT10-TT15-TT20-TT25-TT30-TT40.
- Hex bits: 4-5-6 mm.
- 1 1/4" bit adaptor.
- 2 1/4" extensions 55-100 mm.
- 1 1/4" universal joint.
- 1 bimaterial screwdriver handle.
- 1 1/4" locking meter ratchet.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E194672	34	1/4"	1	186 x 138 x 54 mm	4	3258951946725

1/4" SOCKET AND ACCESSORY SET - 19 PIECES

- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1 1/4" locking meter ratchet.
- 2 1/4" extensions 55-100 mm.
- 1 1/4" universal joint.
- 1 1/4" bit adaptor.
- 1 1/4" sliding T-handle.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E030700	19	1/4"	0,75	186 x 138 x 54 mm	10	3258950307008

1/4" SOCKET SET - 13 PIECES

- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- Supplied on metallic rack.

	Qty	Square	Weight (g)		EAN
E194675	13	1/4"	370	10	3258951946756

1/4" SOCKET SETS

1/4" SOCKET AND ACCESSORY MODULE - 67 PIECES

- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1/4" deep hex sockets: 4-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1/4" hex screwdriver bit sockets: 2-2.5-3-4-5-6-7-8 mm.
- 1/4" Torx® screwdriver bit sockets: T6-T7-T8-T9-T10-T15-T20-T25-T27-T30.
- 1 1/4" hinged head ratchet.
- 1 1/4" locking meter ratchet.
- 1 bimaterial screwdriver handle.
- 2 1/4" extensions 55-100 mm.
- 1 universal joint 1/4".
- 1 1/4" sliding T-handle.
- 1 1/4" bit adaptor.
- slotted head bits: 4-5.5-6.5 mm.
- Pozidriv® bits: PZ1-PZ2-PZ3.
- Hexagonal bits: 3-4-5-6 mm.
- Resistorx® bits: TT10-TT15-TT20-TT25-TT30-TT40.
- Empty module: E030716.

	Qty	Square	Weight (Kg)		EAN
E030715	67	1/4"	1,7	1	3258950307152

1/4" SOCKET AND ACCESSORY MODULE - 45 PIECES

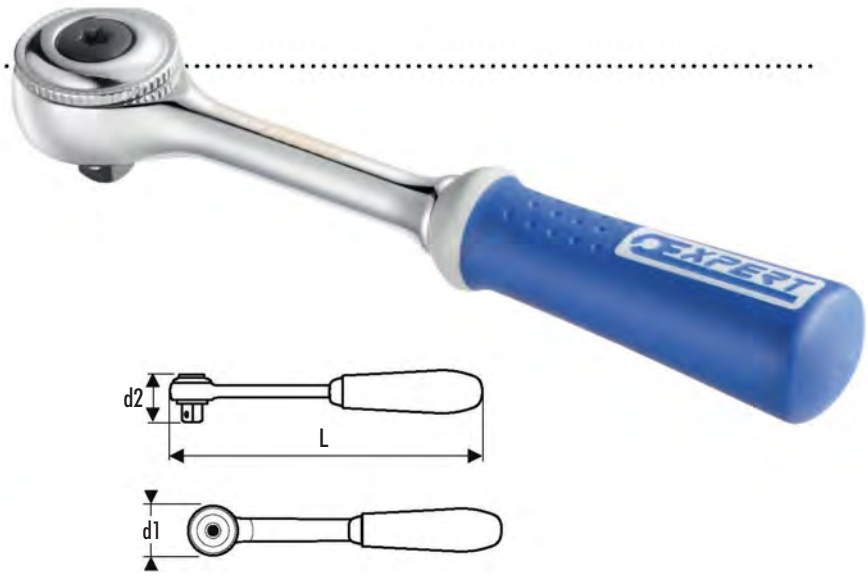
- 1/4" hex sockets: 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm.
- 1/4" slotted head bits: 4-5.5-6.5 mm.
- 1/4" Pozidriv® bits: PZ1-PZ2-PZ3.
- 1/4" hex bits: 3-4-5-6 mm.
- 1/4" Torx® bits: T10-T15-T20-T25-T30-T40.
- 1 1/4" meter locking ratchet.
- 2 1/4" extensions 55-100 mm.
- 1 bimaterial screwdriver handle.
- 1 1/4" bit adaptor.
- 1 universal joint 1/4".
- 9 piece hex key set in sleeve: 1.5-2-2.5-3-4-5-6-7-8-10 mm.
- Empty module: E030701.

	Qty	Square	Weight (Kg)		EAN
E194680	45	1/4"	1,3	1	3258951946800

1/4" RATCHETS

1/4" ROUND HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Compact head.
- High Chrome Finish.
- Ergonomic bimaterial handle.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030601	140	24,80	23,50	98	10	3258950306018

1/4" PEAR HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Socket safety lock.
- Lever reverse: rotation direction displayed.
- High Chrome Finish.
- Ergonomic bimaterial handle.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113770	140	24	22	110	10	3258951137703

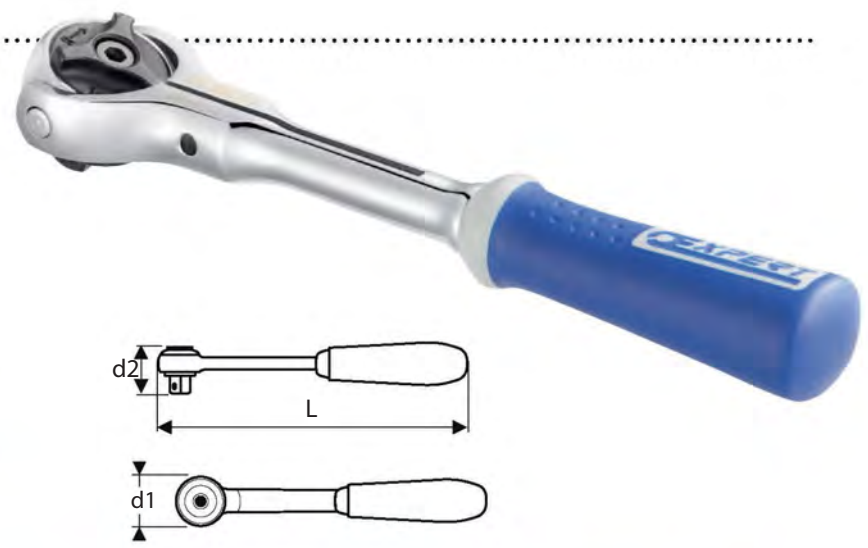
1/4" METAL HANDLE PEAR HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72-tooth mechanism.
- 5° increment.
- Socket safety lock.
- Lever reversing: rotation direction displayed.
- High Chrome finish.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030508	140	24	22	136	10	3258950305080

1/4" HINGED HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Compact and angled head for easier access.
- High Chrome Finish.
- Ergonomic bimaterial handle.

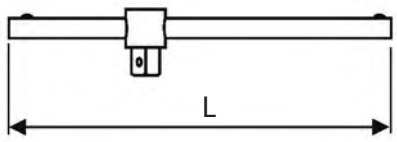


	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030602	150,50	31,60	23,50	130	1	3258950306025

1/4" ACCESSORIES

1/4" SLIDING T HANDLE

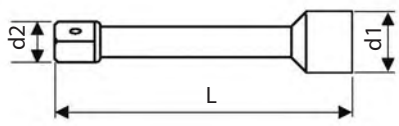
- ISO 3315 - DIN 3122 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



	L (mm)	Weight (g)		EAN
E117355	105	45	10	3258951173558

1/4" EXTENSIONS

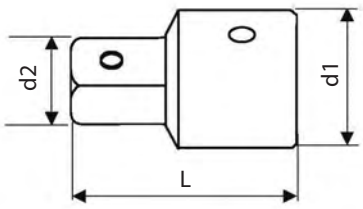
- ISO 3315 - DIN 3122 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For Manual Use.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113771	55	12,50	8,51	25	10	3258951137710
E117356	100	12,50	8,51	45	10	3258951173565
E113772	150	12,50	8,51	65	10	3258951137727

COUPLER 1/4" TO 3/8"

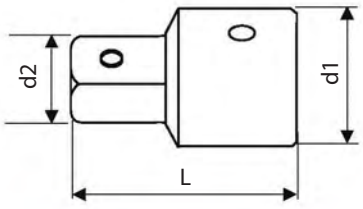
- ISO 3315 - DIN 3122 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117358	25	12,40	8,51	16	10	3258951173589

1/4" COUPLER TO 1/4" BIT

- ISO 1173 - DIN 3126 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



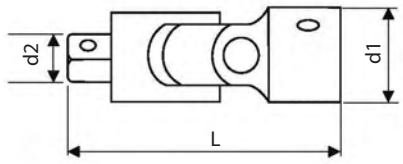
	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117359	25	14	8,51	25	10	3258951173596

1/4" ACCESSORIES

1/4" UNIVERSAL JOINT

- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117360	25,20	14	8,51	22	10	3258951173602



1/4" SOCKET NUT HANDLE

- ISO 3315 - DIN 3122
- Ergonomic bimaterial handle.
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.

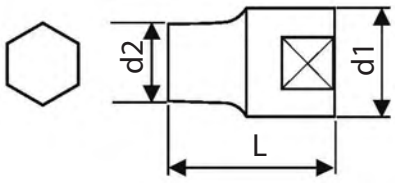
	L (mm)	Weight (g)		EAN
E113910	158	70	5	3258951139103

1/4" SOCKETS

1/4" HEX SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117293	4	25	12	6,90	10	10	3258951172933
E117688	4,5	25	12	7,50	10	10	3258951176887
E117294	5	25	12	8,10	10	10	3258951172940
E117295	5,5	25	12	8,80	10	10	3258951172957
E117296	6	25	12	9,40	10	10	3258951172964
E117297	7	25	12	10,90	12	10	3258951172971
E117298	8	25	12	12	12	10	3258951172988
E117299	9	25	13,20	13,20	14	10	3258951172995
E117350	10	25	14,70	14,70	18	10	3258951173503
E117351	11	25	16	16	24	10	3258951173510
E117352	12	25	16,90	16,90	24	10	3258951173527
E117353	13	25	17,70	17,70	26	10	3258951173534
E117354	14	25	19,70	19,70	34	10	3258951173541



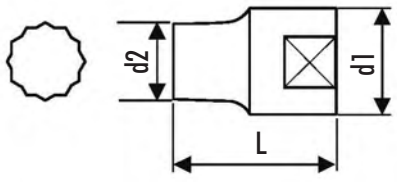
1/4" SOCKETS

1/4" 12-POINT SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

NEW

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030210	6	25	12	9,40	10	10	3258950302102
E030201	7	25	12	10,90	12	10	3258950302010
E030202	8	25	12	12	12	10	3258950302027
E030203	9	25	13,20	13,20	14	10	3258950302034
E030204	10	25	14,70	14,70	18	10	3258950302041
E030205	11	25	16	16	24	10	3258950302058
E030206	12	25	16,90	16,90	24	10	3258950302065
E030207	13	25	17,70	17,70	26	10	3258950302072
E030211	14	25	19,70	19,70	34	10	3258950302119

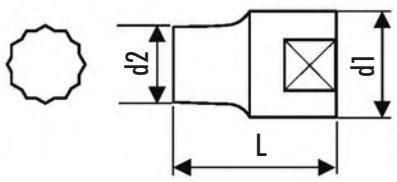


1/4" 12-POINT SOCKETS - INCH

- ASME B 107-1 - ISO 1174-1
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (")	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113740	3/16"	25	12	8	7	10	3258951137406
E113741	7/32"	25	12	9	8	10	3258951137413
E113742	1/4"	25	12	10	8	10	3258951137420
E113743	9/32"	25	12	11	10	10	3258951137437
E113744	5/16"	25	12	12	10	10	3258951137444
E113745	11/32"	25	13,20	13,20	10	10	3258951137451
E113746	3/8"	25	14,70	14,70	14	10	3258951137468
E113748	7/16"	25	16	16	17	10	3258951137482
E113749	1/2"	25	17,70	17,70	19	10	3258951137499
E113750	9/16"	25	18,70	18,70	25	10	3258951137505

NEW

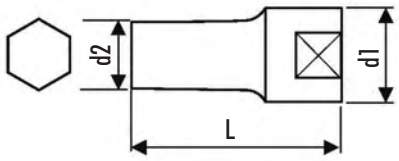


1/4" SOCKETS

1/4" LONG 6-POINT SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113751	4	49,50	11,80	6,90	18	10	3258951137512
E113752	5	49,50	11,80	8	18	10	3258951137529
E113753	5,5	49,50	11,80	8,80	18	10	3258951137536
E113754	6	49,50	11,80	9,40	18	10	3258951137543
E113755	7	49,50	11,80	10,90	27	10	3258951137550
E113756	8	49,50	11,80	11,80	27	10	3258951137567
E113757	9	49,50	12,80	12,80	32	10	3258951137574
E113758	10	49,50	14,50	14,50	41	10	3258951137581
E113759	11	49,50	15,60	15,60	15	10	3258951137598
E113760	12	49,50	16,60	16,60	50	10	3258951137604
E113761	13	49,50	17,60	17,60	59	10	3258951137611
E113762	14	49,50	19,60	19,60	68	10	3258951137628

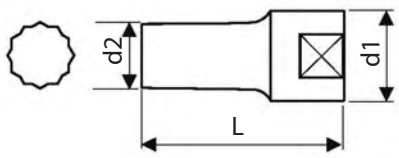


1/4" LONG 12-POINT SOCKETS – METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

NEW

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030216	6	49,50	11,80	9,40	18	10	3258950302164
E030217	7	49,50	11,80	10,90	27	10	3258950302171
E030218	8	49,50	11,80	11,80	27	10	3258950302188
E030219	9	49,50	12,80	12,80	32	10	3258950302195
E030220	10	49,50	14,50	14,50	41	10	3258950302201
E030221	11	49,50	15,60	15,60	15	10	3258950302218
E030222	12	49,50	16,60	16,60	50	10	3258950302225
E030223	13	49,50	17,60	17,60	59	10	3258950302232
E030224	14	49,50	19,60	19,60	68	10	3258950302249



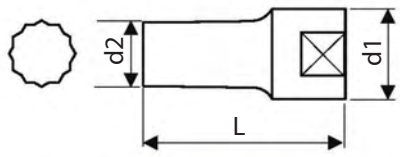
Ratchets-Sockets

1/4" SOCKETS

1/4" LONG 12-POINT SOCKETS - INCH

- ASME B 107-1 - ISO 1174-1
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (")	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113763	1/4"	49,50	11,80	10	17	10	3258951137635
E113768	9/32"	49,50	11,80	11	17	10	3258951137680
E113765	5/16"	49,50	11,80	11,80	23	10	3258951137659
E113764	3/8"	49.5	14,50	14,50	32	10	3258951137642
E113766	7/16"	49,50	15,60	15,60	40	10	3258951137666
E113767	9/16"	49,50	19,60	19,60	49	10	3258951137673

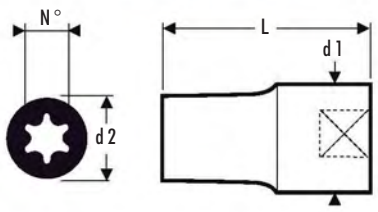


1/4" TORX® BIT SOCKETS

- ISO 1174-1
- For male Torx® screws.
- Chrome vanadium steel.
- High Chrome finish.

NEW

	N°	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030129	E4	25	12	6,10	8	10	3258950301297
E030130	E5	25	12	6,90	8	10	3258950301303
E030131	E6	25	12	8	8	10	3258950301310
E030132	E7	25	12	8,80	8	10	3258950301327
E030133	E8	25	12	10,20	9	10	3258950301334
E030134	E10	25	12	12	11	10	3258950301341



1/4" SCREWDRIVER BIT SOCKETS

SET OF SCREWDRIVER BIT SOCKETS

- E030704: hex 2-2.5-3-4-5-6-7-8 mm.
- E030703: Torx® T6-T7-T8-T9-T10-T15-T20-T25-T27-T30.
- Supplied on metallic rack.

	Qty	Square	Weight (g)		EAN
E030704	8	1/4"	150	10	3258950307046
E030703	10	1/4"	190	10	3258950307039

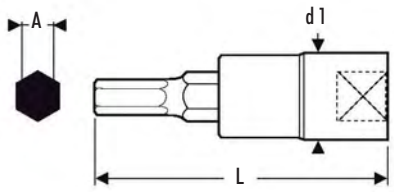
1/4" SCREWDRIVER BIT SOCKETS

1/4" HEX SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

NEW

	A (mm)	L (mm)	d1 (mm)	Weight (g)		EAN
E030101	2	33	12	18	10	3258950301013
E030102	2,5	33	12	18	10	3258950301020
E030103	3	33	12	18	10	3258950301037
E030104	4	33	12	18	10	3258950301044
E030105	5	33	12	19	10	3258950301051
E030106	6	33	12	20	10	3258950301068
E030107	7	33	12	21	10	3258950301075
E030108	8	33	12	22	10	3258950301082

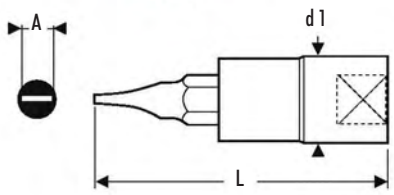


1/4" SLOTTED-HEAD SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

NEW

	A (mm)	L (mm)	d1 (mm)	Weight (g)		EAN
E030109	4	33	12	12	10	3258950301099
E030110	5,5	33	12	12	10	3258950301105
E030111	7	33	12	12	10	3258950301112

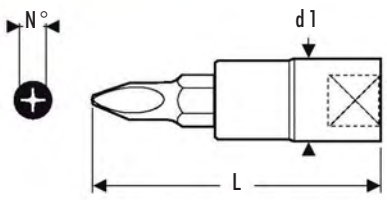


1/4" PHILLIPS® SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

NEW

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E030115	PH1	33	12	12	10	3258950301150
E030116	PH2	33	12	12	10	3258950301167
E030117	PH3	33	12	12	10	3258950301174



Ratchets-Sockets

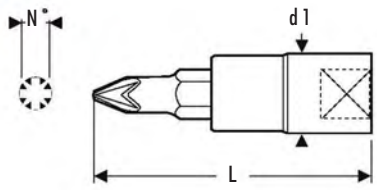
1/4" SCREWDRIVER BIT SOCKETS

1/4" POZIDRIV® SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E030112	PZ1	33	12	12	10	3258950301129
E030113	PZ2	33	12	12	10	3258950301136
E030114	PZ3	33	12	12	10	3258950301143

NEW

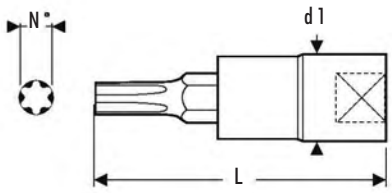


1/4" TORX® SCREWDRIVER BIT SOCKETS

- ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E030118	T6	33	12	17	10	3258950301181
E030119	T7	33	12	17	10	3258950301198
E030120	T8	33	12	17	10	3258950301204
E030121	T9	33	12	17	10	3258950301211
E030122	T10	33	12	17	10	3258950301228
E030123	T15	33	12	17	10	3258950301235
E030124	T20	33	12	18	10	3258950301242
E030125	T25	33	12	18	10	3258950301259
E030126	T27	33	12	18	10	3258950301266
E030127	T30	33	12	18	10	3258950301273
E030128	T40	33	12	18	10	3258950301280

NEW

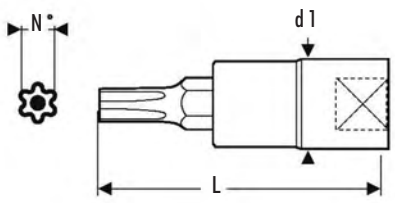


1/4" RESISTORX® SCREWDRIVER BIT SOCKETS

- ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E030142	TT8	33	12	17	10	3258950301426
E030143	TT10	33	12	17	10	3258950301433
E030144	TT15	33	12	17	10	3258950301440
E030145	TT20	33	12	18	10	3258950301457
E030146	TT25	33	12	18	10	3258950301464
E030147	TT27	33	12	18	10	3258950301471
E030148	TT30	33	12	18	10	3258950301488
E030149	TT40	33	12	18	10	3258950301495

NEW



3/8" SOCKET SETS

3/8" SOCKET AND ACCESSORY SET - 61 PIECES

- 3/8" 12-point sockets: 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24 mm.
- 3/8" deep hex sockets: 8-9-10-11-12-13-14-15-17-19 mm.
- 3/8" hex screwdriver bit sockets: 3-4-5-6-7-8-10 mm.
- 3/8" Torx® screwdriver bit sockets: T8-T10-T15-T20-T25-T27-T30-T40-T45-T50.
- 3/8" Pozidriv® screwdriver bit sockets: PZ1-PZ2-PZ3.
- 3/8" Phillips® screwdriver bit sockets: PH1-PH2-PH3.
- 3/8" sockets for 16 and 21 mm spark plugs.
- 1 3/8" locking meter ratchet.
- 2 3/8" extensions 75-250 mm.
- 1 3/8" sliding T-handle.
- 1 1/2'' - 3/8'' drive adapter.
- 1 3/8" Universal joint.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E031806	61	3/8"	5	415 x 283 x 92mm	1	3258950318066

3/8" 12-POINT SOCKET AND ACCESSORY SET - 22 PIECES

- 3/8" 12-point sockets: 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm.
- 1 3/8" locking meter ratchet.
- 2 3/8" extensions 75-125 mm.
- 1 3/8" to 1/4" bit adaptor.
- 1 3/8" universal joint.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E031805	22	3/8"	1,5	275 x 186 x 80mm	1	3258950318059

3/8" DEEP HEX SOCKET SET - 15 PIECES

- 3/8" deep hex sockets: 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E031804	15	3/8"	1,5	275 x 186 x 80mm	1	3258950318042

3/8" SOCKET SETS

3/8" SOCKET AND ACCESSORY SET - 50 PIECES

- 3/8" 12-point sockets: 8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm.
- 3/8" deep hex sockets: 8-10-11-12-13-14-15-16-17-18-19-21-22 mm.
- 3/8" hexagonal screwdriver bit sockets: 5-6-8-10-12 mm.
- 3/8" slotted head screwdriver bit sockets: 5.5-7-8 mm.
- 3/8" Torx® screwdriver bit sockets: T25-T27-T30-T40-T45-T50.
- 3/8" Pozidriv® screwdriver bit sockets: PZ1-PZ2-PZ3.
- 3/8" Phillips® screwdriver bit sockets: PH1-PH2-PH3.
- 1 3/8" extension 125 mm.
- 1 universal joint 3/8".
- 1 3/8" locking meter ratchet.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

NEW

	Qty	Square	Weight (Kg)		EAN
E031821	50	3/8"	2,8	1	3258950318219

3/8" METRIC SOCKET AND ACCESSORY MODULE - 20 PIECES

- 3/8" 12-point sockets: 7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm.
- 1 3/8" locking meter ratchet.
- 2 3/8" extensions 125-250 mm.
- 1 3/8" universal joint.

	Qty	Square	Weight (Kg)		EAN
E194678	20	3/8"	1,5	1	3258951946787

3/8" 6-POINT INCH SOCKET SET - 13 PIECES

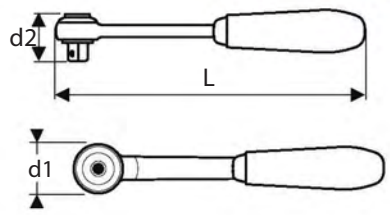
- 3/8" hex sockets: 1/4"-5/16"-11/32"-3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-1''.
- Supplied on metal rack.

	Qty	Square	Weight (g)		EAN
E031803	13	3/8"	850	10	3258950318035

3/8" RATCHETS

3/8" ROUND HEAD RATCHET

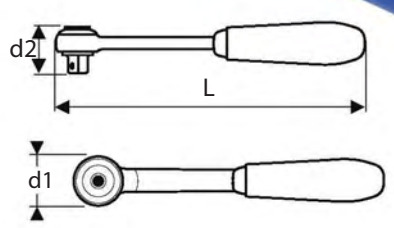
- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Compact head.
- Finish: bright chrome.
- Ergonomic bimaterial handle.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E031701	199	34,50	31,60	250	10	3258950317014

3/8" PEAR HEAD RATCHET

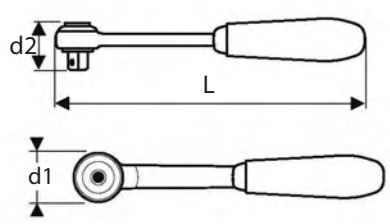
- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Socket safety lock.
- Lever reverse: rotation direction displayed.
- High Chrome Finish.
- Ergonomic bimaterial handle.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113848	199	32	30,80	285	1	3258951138489

3/8" METAL HANDLE PEAR HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72-tooth mechanism.
- 5° increment.
- Socket safety lock.
- Lever reversing: rotation direction displayed.
- High Chrome finish.



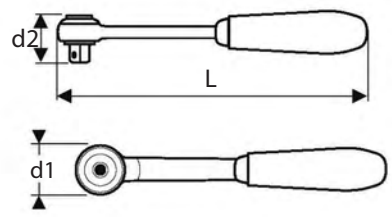
	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E031612	199	32	30,80	322	1	3258950316123

3/8" RATCHETS

3/8" HINGED RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Angled handle for easy access.
- Long handle for stronger untightening.
- Socket safety lock.
- Reversing lever: rotation direction indication.
- High Chrome Finish.
- Ergonomic bimaterial handle.

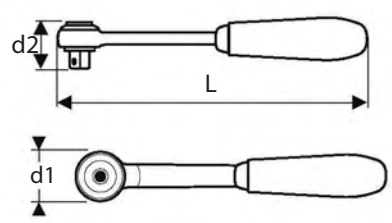
	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E031702	275	30	31	390	1	3258950317021



3/8" HINGED HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Compact & angled head for better access.
- High Chrome Finish.
- Ergonomic bimaterial handle.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E031703	234,2	43,60	31,50	380	1	3258950317038



3/8" ACCESSORIES

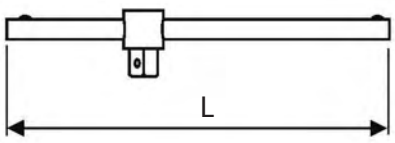
3/8" SPEED BRACE

- ISO 3315 - DIN 3122 - ISO 1174-1
- Fast rotation.
- Rotating handle.
- High Chrome Finish.

	L (mm)	Weight (g)		EAN
E031604	410	395	1	3258950316048

3/8" T HANDLE

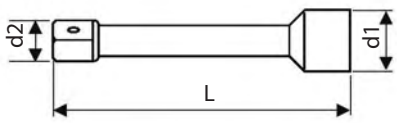
- ISO 3315 - DIN 3122 - ISO 1174-1
- Sliding head.
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



	L (mm)	Weight (g)		EAN
E117361	170	128	1	3258951173619

3/8" EXTENSIONS

- ISO 3315 - DIN 3122 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.

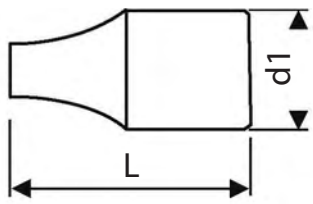


	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117363	75	17	12,30	75	10	3258951173633
E113850	125	17	12,30	120	10	3258951138502
E117364	250	17	12,30	230	10	3258951173640

3/8" ACCESSORIES

3/8" SOCKET WITH 1/4" BIT HOLDER

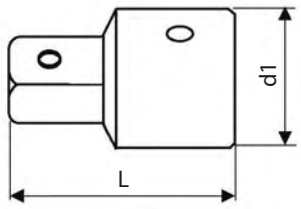
- ISO 1173 - DIN 3126 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



	L (mm)	d1 (mm)	Weight (g)		EAN
E113851	25,40	17	24	1	3258951138519

3/8" TO 1/4" COUPLER

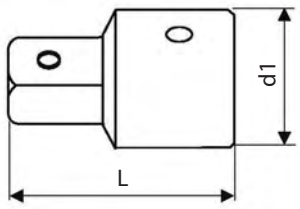
- ISO 3316 - DIN 3123 - ISO 1174-1
- High Chrome Finish.
- Chrome vanadium steel.
- For manual use.



	L (mm)	d1 (mm)	Weight (g)		EAN
E117365	25,40	17	20	1	3258951173657

3/8" TO 1/2" COUPLER

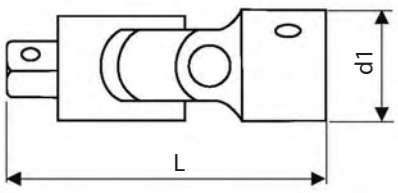
- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



	L (mm)	d1 (mm)	Weight (g)		EAN
E117366	36	18	40	1	3258951173664

3/8" UNIVERSAL JOINT

- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.

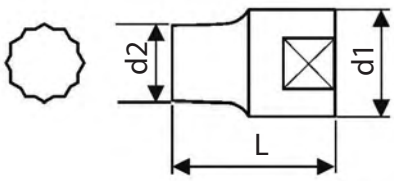


	L (mm)	d1 (mm)	Weight (g)		EAN
E117367	29,50	14	60	10	3258951173671

3/8" SOCKETS

3/8" - 12-POINT SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- Maxi Drive Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.



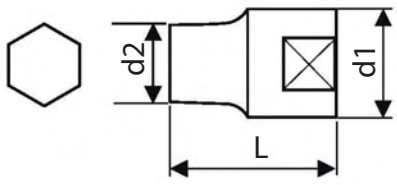
	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030933	6	25,70	17,10	10,10	18	10	3258950309330
E113830	7	25,70	17,10	10,80	18	10	3258951138304
E113831	8	25,70	17,10	12	20	10	3258951138311
E113832	9	25,70	17,10	13,10	20	10	3258951138328
E113833	10	25,70	17,10	14,70	20	10	3258951138335
E113834	11	25,70	17,10	16	22	10	3258951138342
E113835	12	25,70	17,10	17,10	22	10	3258951138359
E113836	13	25,70	18,30	18,30	28	10	3258951138366
E113837	14	25,70	19,50	19,50	30	10	3258951138373
E113838	15	25,70	20,40	20,40	33	10	3258951138380
E113839	16	25,70	22,10	22,10	46	10	3258951138397
E113840	17	25,70	23,30	23,30	52	10	3258951138403
E113841	18	25,70	24,20	24,20	56	10	3258951138410
E113842	19	25,70	25,50	25,50	64	10	3258951138427
E113843	20	29	26,80	26,80	68	10	3258951138434
E113844	21	29	27,70	27,70	72	10	3258951138441
E113845	22	29	29,80	29,80	86	10	3258951138458
E113846	23	29	30,80	30,80	90	10	3258951138465
E113847	24	29	31,80	31,80	96	10	3258951138472

3/8" SOCKETS

3/8" 6-POINT SOCKETS – METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

NEW



	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030935	6	25,70	17,10	10,10	18	10	3258950309354
E030936	7	25,70	17,10	10,80	18	10	3258950309361
E030937	8	25,70	17,10	12	20	10	3258950309378
E030938	9	25,70	17,10	13,10	20	10	3258950309385
E030939	10	25,70	17,10	14,70	20	10	3258950309392
E030940	11	25,70	17,10	16	22	10	3258950309408
E030941	12	25,70	17,10	17,10	22	10	3258950309415
E030942	13	25,70	18,30	18,30	28	10	3258950309422
E030943	14	25,70	19,50	19,50	30	10	3258950309439
E030944	15	25,70	20,40	20,40	33	10	3258950309446
E030945	16	25,70	22,10	22,10	46	10	3258950309453
E030946	17	25,70	23,30	23,30	52	10	3258950309460
E030947	18	25,70	24,20	24,20	56	10	3258950309477
E030948	19	25,70	25,50	25,50	64	10	3258950309484
E030949	20	29	26,80	26,80	68	10	3258950309491
E030950	21	29	27,70	27,70	72	10	3258950309507
E030951	22	29	29,80	29,80	86	10	3258950309514
E030952	23	29	30,80	30,80	90	10	3258950309521
E030953	24	29	31,80	31,80	96	10	3258950309538

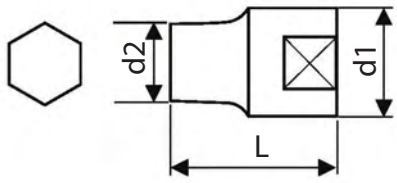
3/8" SOCKETS

3/8" 6-POINT SOCKETS – INCH

- ASME B 107-1 - ISO 1174-1
- Chrome vanadium steel
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

NEW

	A (")	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E031301	1/4"	25,70	17,10	10	24	10	3258950313016
E031302	5/16"	25,70	17,10	11,70	25	10	3258950313023
E031303	11/32"	25,70	17,10	13	25	10	3258950313030
E031304	3/8"	25,70	17,10	14,20	26	10	3258950313047
E031305	7/16"	25,70	17,10	16,30	27	10	3258950313054
E031306	1/2"	25,70	18,30	18,30	36	10	3258950313061
E031307	9/16"	25,70	19,50	19,50	34	10	3258950313078
E031308	5/8"	25,70	22,10	22,10	45	10	3258950313085
E031309	11/16"	25,70	24,20	24,20	56	10	3258950313092
E031310	3/4"	25,70	25,70	25,70	67	10	3258950313108
E031311	13/16"	29	27,70	27,70	74	10	3258950313115
E031312	7/8"	29	29,80	29,80	91	10	3258950313122
E031313	1"	35	33,20	33,20	123	10	3258950313139

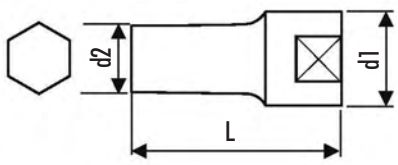


3/8" LONG 6-POINT SOCKETS – METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV Profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

NEW

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E031503	8	45,50	16,50	12	46	10	3258950315034
E031504	9	45,50	16,50	13,10	47	10	3258950315041
E031505	10	45,50	16,50	14,70	50	10	3258950315058
E031506	11	45,50	16,50	16	53	10	3258950315065
E031507	12	45,50	17,10	17,10	53	10	3258950315072
E031508	13	45,50	18,50	18,50	54	10	3258950315089
E031509	14	50	19,50	19,50	60	10	3258950315096
E031510	15	53	20,40	20,40	75	10	3258950315102
E031511	16	53	22	22	85	10	3258950315119
E031512	17	56	23,30	23,30	102	10	3258950315126
E031513	18	56	24,20	24,20	109	10	3258950315133
E031514	19	56	25,50	25,50	110	10	3258950315140
E031105	20	63,50	26,80	26,80	117	10	3258950311050
E031501	21	63,50	27,70	27,70	123	10	3258950315010
E031515	22	63,50	29,80	29,80	150	10	3258950315157



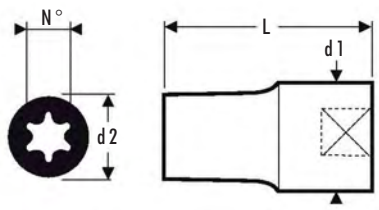
3/8" TORX® BIT SOCKETS

3/8" TORX® SOCKETS

- ISO 1174-1
- For male Torx® screws.
- Chrome vanadium steel.
- High Chrome finish.

NEW

	N°	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E030928	E10	29	17,10	12,50	40	10	3258950309286
E030929	E12	29	17,10	14,20	40	10	3258950309293
E030930	E14	29	17,10	16	50	10	3258950309309
E030931	E16	29	18,30	17,50	100	10	3258950309316



3/8" SOCKET SETS

3/8" TORX BIT SET - 4 PIECES

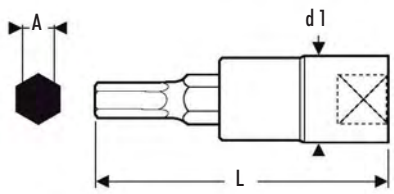
- 3/8" Torx® scredriver bits: T40-T45-T50-T55.
- Supplied on metallic rack.

	Qty	Weight (g)		EAN
E031807	4	150	10	3258950318073

3/8" HEX SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

NEW



	A (mm)	L (mm)	d1 (mm)	Weight (g)		EAN
E030902	4	50	17,90	31	10	3258950309026
E030903	5	50	17,90	32	10	3258950309033
E030904	6	50	17,90	33	10	3258950309040
E030905	7	50	17,90	34	10	3258950309057
E030906	8	50	17,90	43	10	3258950309064
E030907	10	50	17,90	50	10	3258950309071
E030908	12	50	22	58	10	3258950309088

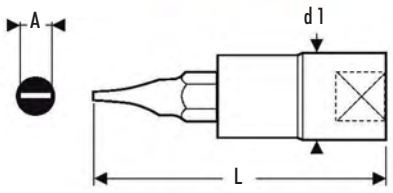
3/8" SCREWDRIVER BIT SOCKETS

3/8" SLOTTED-HEAD SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

	A (mm)	L (mm)	d1 (mm)	Weight (g)		EAN
E030909	5,5	50	17,90	33	10	3258950309095
E030910	7	50	17,90	34	10	3258950309101
E030911	8	50	17,90	43	10	3258950309118

NEW

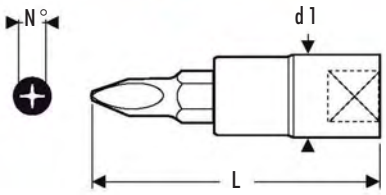


3/8" PHILLIPS® SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E030925	PH1	50	17,90	31	10	3258950309255
E030926	PH2	50	17,90	33	10	3258950309262
E030927	PH3	50	17,90	43	10	3258950309279

NEW

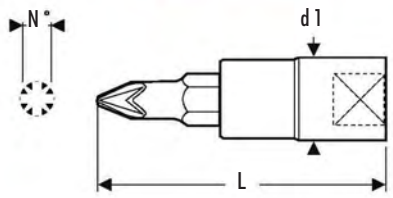


3/8" POZIDRIV® SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E030922	PZ1	50	17,90	31	10	3258950309224
E030923	PZ2	50	17,90	33	10	3258950309231
E030924	PZ3	50	17,90	43	10	3258950309248

NEW

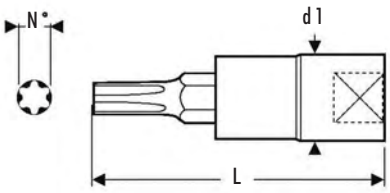


3/8" TORX® SCREWDRIVER BIT SOCKETS

- ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E030912	T8	50	17,90	33,50	10	3258950309125
E030913	T10	50	17,90	33,50	10	3258950309132
E030914	T15	50	17,90	33,50	10	3258950309149
E030915	T20	50	17,90	33,50	10	3258950309156
E030916	T25	50	17,90	33,50	10	3258950309163
E030917	T27	50	17,90	33,50	10	3258950309170
E030918	T30	50	17,90	33,50	10	3258950309187
E030919	T40	50	17,90	45	10	3258950309194
E030932	T45	50	17,90	45	10	3258950309323
E030920	T50	50	17,90	48	10	3258950309200
E030921	T55	50	17,90	61	10	3258950309217

NEW



1/2" SOCKET SETS

1/2" SOCKET AND ACCESSORY SET - 55 PIECES

- 1/2" hex sockets: 8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-34 mm.
- 1/2" 12-point sockets: 3/8"-7/16"-1/2"-9/16"-5/8"-11/16"-3/4"-13/16"-7/8"-15/16"-1"-1"1/16"-1"1/8-1"3/16-1"1/4.
- 1/2" Torx® sockets: E10-E11-E12-E14-E16-E18-E20-E24.
- 1 1/2" locking meter ratchet.
- 2 1/2" extensions 130-250 mm.
- 1 1/2" sliding T-handle.
- 1 1/2" universal joint.
- 1 1/2'' to 3/8'' adapter.
- 1 3/8" to 1/2" adapter.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E032909	55	1/2"	6,5	415 x 283 x 92mm	1	3258950329093

1/2" SOCKET AND ACCESSORY SET - 42 PIECES

- 1/2" hex sockets: 8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm.
- 1/2" deep hex sockets: 12-13-14-15-16-17-18-19-21-22-24 mm.
- 2 1/2" extensions 130-250 mm.
- 1 1/2" sliding T-handle.
- 1 1/2" universal joint.
- 1 1/2'' to 3/8'' adapter.
- 1 3/8" to 1/2" adapter.
- 1 1/2" locking meter ratchet.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E032908	42	1/2"	5,5	415 x 283 x 92mm	5	3258950329086

1/2" SOCKET SETS

1/2" SOCKET AND ACCESSORY SET - 22 PIECES

- 1/2" hex sockets: 8-10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm.
- 1 1/2" locking meter ratchet.
- 1 1/2" sliding T-handle.
- 2 1/2" extensions 130-250 mm.
- 1 1/2" universal joint.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E032900	22	1/2"	4	275 x 186 x 80 mm	4	3258950329000

1/2" SOCKET SET - 16 PIECES

- 1/2" hex sockets: 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm.
- Supplied on metallic rack.

	Qty	Square	Weight (Kg)		EAN
E032902	16	1/2"	1,7	10	3258950329024

1/2" HEX SCREWDRIVER BIT SOCKET SET - 8 PIECES

- 1/2" hex screwdriver bit sockets: 6-7-8-9-10-12-14-17 mm.
- Supplied on metallic rack.

	Qty	Square	Weight (g)		EAN
E032904	8	1/2"	750	10	3258950329048

1/2" SOCKET SETS

1/2" HEX DRIVER SET - 13 PIECES

- 1/2" Hex screwdriver sockets: 4-5-6-8-9-10-12 mm.
- 1/2" Hex long screwdriver sockets: 4-5-6-8-10-12 mm.
- Packaged in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E032906	13	1/2"	1,8	275 x 186 x 80mm	1	3258950329062

1/2" TORX® SOCKET AND TORX® SCREWDRIVER BIT SOCKET SET - 16 PIECES

- 1/2" Torx® screwdriver bit sockets: T20-T25-T27-T30-T40-T45-T50-T55-T60.
- 1/2" Torx® sockets: E10-E12-E14-E16-E18-E20-E24.
- Supplied in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E032907	16	1/2"	1,65	275 x 186 x 80mm	1	3258950329079

1/2" SCREWDRIVER AND TORX® BITS SOCKET MODULE - 33 PIECES

- 1/2" hex screwdriver bit sockets: 5-6-7-8-9-10-12-14-17 mm.
- 1/2" hex screwdriver long reach bit sockets: 4-5-6-8-10-12 mm.
- 1/2" Torx® screwdriver bit sockets: T20-T25-T27-T30-T40-T45-T50-T55-T60.
- 1/2" Torx® sockets: E10-E11-E12-E14-E16-E18-E20-E22-E24.
- Empty module: E032923.

NEW

	Qty	Square	Weight (g)		EAN
E032922	33	1/2"	2725	1	3258950329222

1/2'' SOCKET SETS

1/2" SOCKETS AND ACCESSORY MODULE - 21 PIECES

- 1/2" hex sockets: 8-10-11 -12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm.
- 1 1/2" meter locking ratchet.
- 1 1/2" extensions: 250 mm.
- 1 universal joint 1/2".

	Qty	Square	Weight (Kg)		EAN
E194677	21	1/2"	3,5	1	3258951946770

1/2" DEEP SOCKETS MODULE - 10 PIECES

- 1/2" deep hex sockets: 10-12-13-14-17-19-21-22-23-24 mm.
- Empty module: E010515.

	Qty	Square	Weight (g)		EAN
E032201	10	1/2"	1968	1	3258950322018

1/2" DRIVE ACCESSORY MODULE - 8 PIECES

- 3 1/2" extensions 75-130-250 mm.
- 1 1/2" hinged head ratchet.
- 1 1/2" sliding T-handle.
- 1 1/2" to 5/16" bit adaptor.
- 1 1/2'' - 3/8'' adapter.
- 1 1/2" - 3/4" adapter.
- Empty module: E032925.

	Qty	Square	Weight (g)		EAN
E032924	8	1/2"	2150	1	3258950329246

1/2" RATCHETS

1/2" ROUND HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Compact head.
- High Chrome Finish.
- Ergonomic bimaterial handle.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E032801	250	42,40	42	490	1	3258950328010

1/2" PEAR HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Socket safety lock.
- Lever reverse: rotation direction displayed.
- High Chrome Finish.
- Ergonomic bimaterial handle.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113708	250	39,20	39	550	1	3258951137086

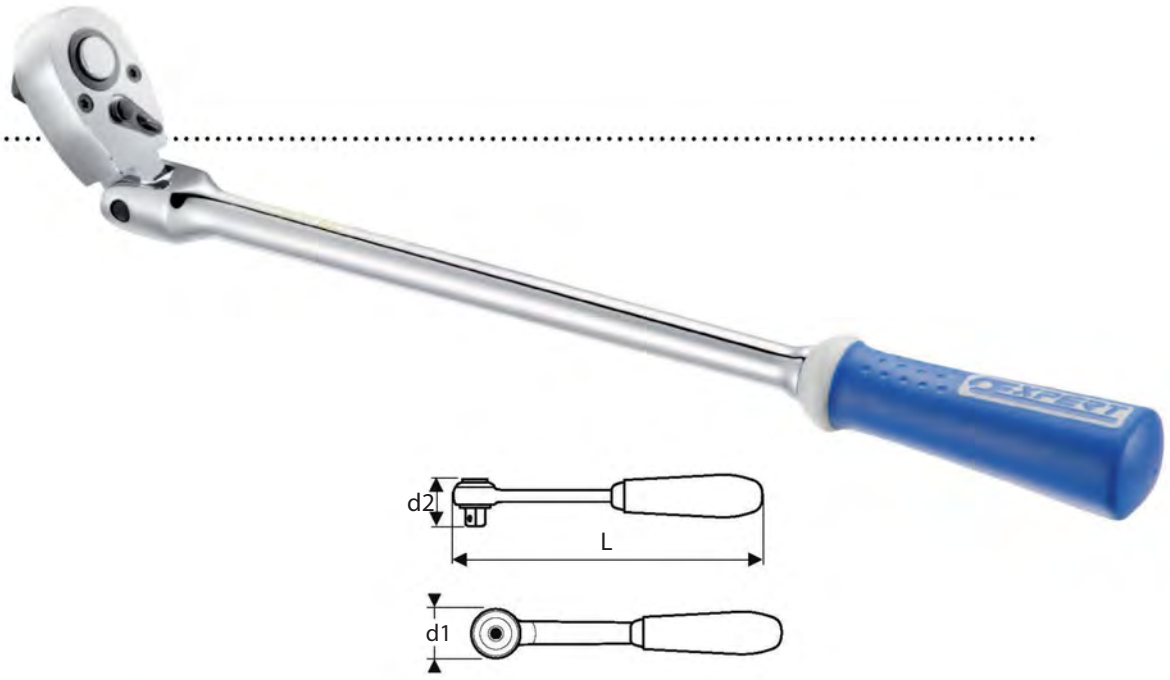
1/2" METAL HANDLE PEAR HEAD RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- 72-tooth mechanism.
- 5° increment.
- Socket safety locking.
- Lever reversing: rotation direction visualisation.
- High chrome finish.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E032709	250	39,20	39	588	1	3258950327099

1/2" RATCHETS

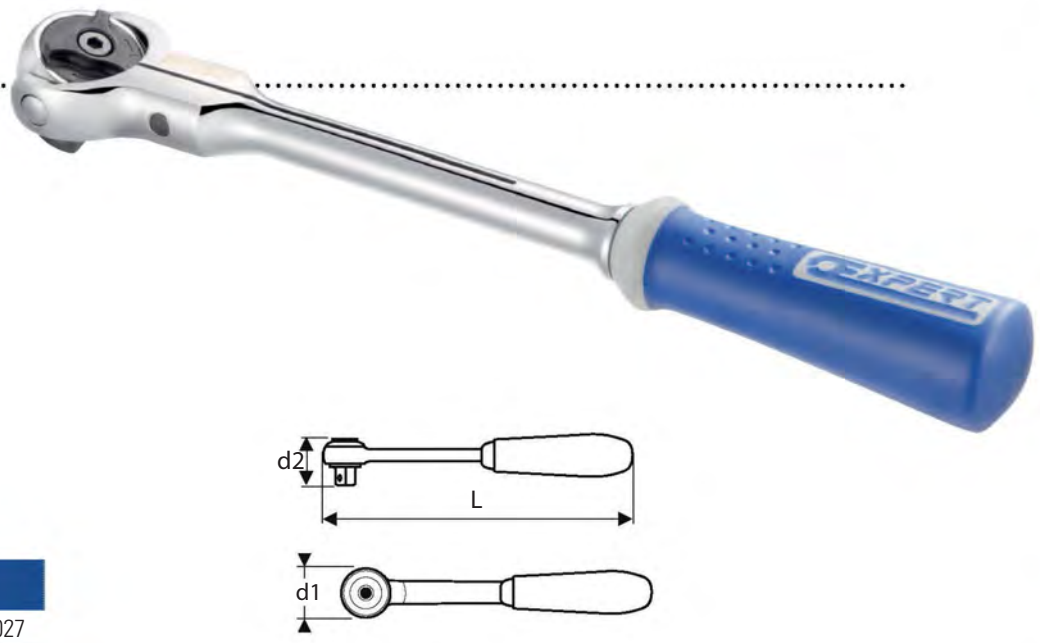
1/2" HINGED RATCHET HANDLE



- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Angled handle for better access.
- Long handle for stronger untightening.
- Socket safety lock.
- Reversing lever: rotation direction indication.
- High Chrome Finish.
- Ergonomic bimaterial handle.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E032803	437	40	40	930	1	3258950328034

1/2" HINGED HEAD RATCHET



- ISO 3315 - DIN 3122 - ISO 1174-1
- 72 tooth mechanism.
- 5° increment.
- Compact head.
- High Chrome Finish.
- Ergonomic bimaterial handle.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E032802	306	49,10	39,20	640	1	3258950328027

1/2" ACCESSORIES

1/2" HINGED HANDLES

- ISO 3315 - DIN 3122 - ISO 1174-1
- Smooth-action joint.
- Hinged handle for easier access.
- High Chrome finish.
- Ergonomic bimaterial grip.

	L (mm)	Weight (g)		EAN
E032804	450	860	1	3258950328041
E032805	600	1120	1	3258950328058

3/8" ACCESSORIES

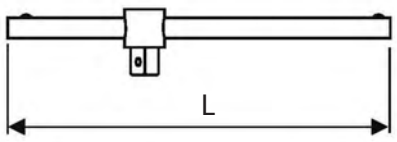
1/2" SPEED BRACE

- ISO 3315 - DIN 3122 - ISO 1174-1
- Fast rotation.
- Rotating handle.
- High Chrome Finish.

	L (mm)	Weight (g)		EAN
E032702	425	510	1	3258950327020

1/2" SLIDING T-HANDLE

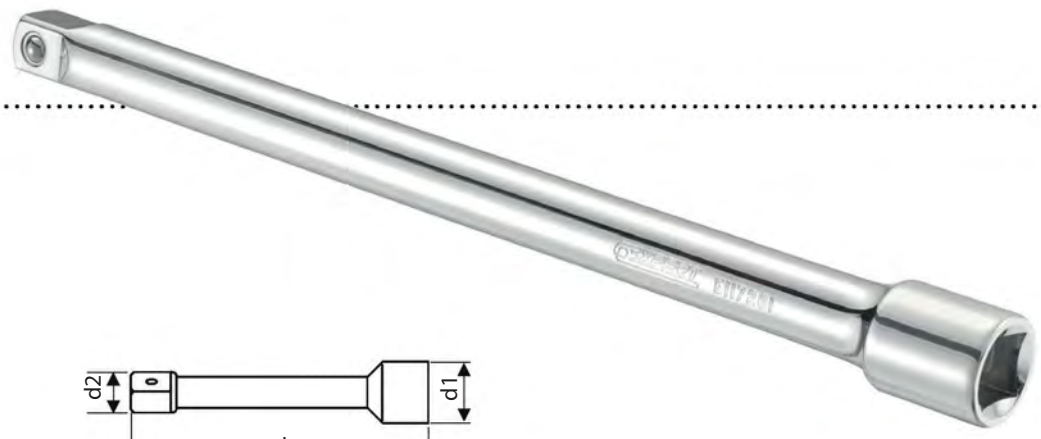
- ISO 3315 - DIN 3122 - ISO 1174-1
- Sliding head.
- Chrome vanadium steel.
- For manual use.
- High chrome finish.

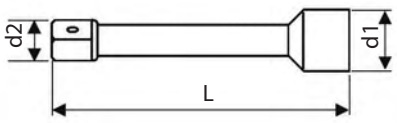


	L (mm)	Weight (g)		EAN
E117259	240	316	1	3258951172599

1/2" EXTENSIONS

- ISO 3315 - DIN 3122 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



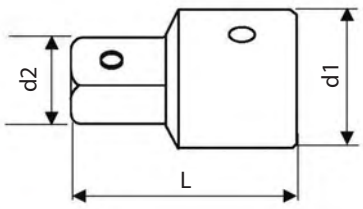


	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113710	75	22,50	12,70	125	1	3258951137109
E117260	130	22,50	12,70	220	1	3258951172605
E117261	250	22,50	12,70	405	1	3258951172612

1/2" ACCESSORIES

1/2" TO 5/16" COUPLER

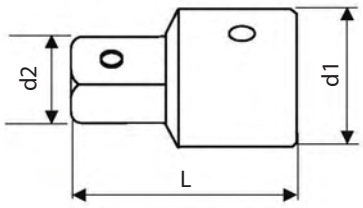
- ISO 1173 - DIN 3126 - ISO 1174-1
- For manual use.
- High Chrome Finish.
- Chrome vanadium steel.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113711	40	25	12,70	90	5	3258951137116

1/2" TO 3/8" COUPLER

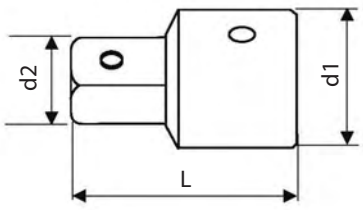
- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117262	34,50	22	12,70	46	1	3258951172629

1/2" TO 3/4" COUPLER

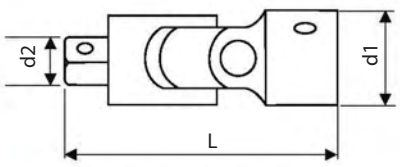
- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117263	42	25,20	12,70	75	5	3258951172636

1/2" UNIVERSAL JOINT

- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome Finish.
- For manual use.



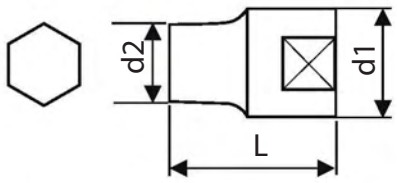
	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117264	40,50	24,90	12,70	140	1	3258951172643

1/2" SOCKETS

1/2" 6-POINT SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV® profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117086	8	38	21,80	12,40	45	1	3258951170861
E117087	9	38	21,80	14	45	1	3258951170878
E117088	10	38	21,80	15,50	48	1	3258951170885
E117089	11	38	21,80	16,70	50	1	3258951170892
E117090	12	38	21,80	18	50	1	3258951170908
E117091	13	38	21,80	19,20	52	1	3258951170915
E117092	14	38	21,80	20,50	54	1	3258951170922
E117093	15	38	21,80	21	54	1	3258951170939
E117094	16	38	23,30	22,50	66	1	3258951170946
E117095	17	38	24	24	76	1	3258951170953
E117096	18	38	24,80	24,80	84	1	3258951170960
E117097	19	38	26,30	26,30	84	1	3258951170977
E117098	20	38	26,80	26,80	84	1	3258951170984
E117099	21	38	27,70	27,70	92	1	3258951170991
E117250	22	40	29,80	29,80	118	1	3258951172506
E117251	23	40	30,80	30,80	125	1	3258951172513
E117252	24	40	31,80	31,80	134	1	3258951172520
E031937	25	41	32,80	32,80	142	1	3258950319377
E117253	26	41	33,80	33,80	160	1	3258951172537
E117254	27	41	35,80	35,80	192	1	3258951172544
E117255	28	41	37,60	37,60	220	1	3258951172551
E117256	29	41	37,80	37,80	210	1	3258951172568
E117257	30	41	39,80	39,80	234	1	3258951172575
E117258	32	41	41,80	41,80	266	1	3258951172582
E031936	34	45,50	43,80	43,80	300	1	3258950319360
E031938	36	57,20	49,80	49,80	462	1	3258950319384 NEW

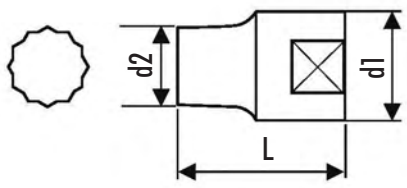


1/2" SOCKETS

1/2" 12-POINT SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV® profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E117051	8	38	21,80	12,40	45	1	3258951170519
E117052	9	38	21,80	14	45	1	3258951170526
E117053	10	38	21,80	15,50	18	1	3258951170533
E117054	11	38	21,80	16,70	50	1	3258951170540
E117055	12	38	21,80	18	50	1	3258951170557
E117056	13	38	21,80	19,20	52	1	3258951170564
E117057	14	38	21,80	20,50	54	1	3258951170571
E117058	15	38	21,80	21	54	1	3258951170588
E117059	16	38	23,30	22,50	66	1	3258951170595
E117060	17	38	24	24	76	1	3258951170601
E117061	18	38	24,80	24,80	84	1	3258951170618
E117062	19	38	26,30	26,30	84	1	3258951170625
E117063	20	38	26,80	26,80	84	1	3258951170632
E117064	21	38	27,70	27,70	92	1	3258951170649
E117065	22	40	29,80	29,80	118	1	3258951170656
E117066	23	40	30,80	30,80	125	1	3258951170663
E117067	24	40	31,80	31,80	134	1	3258951170670
E117068	26	41	33,80	33,80	160	1	3258951170687
E117069	27	41	35,80	35,80	192	1	3258951170694
E117070	28	41	37,60	37,60	210	1	3258951170700
E117071	29	41	37,80	37,80	210	1	3258951170717
E117072	30	41	39,80	39,80	234	1	3258951170724
E117073	32	41	41,80	41,80	266	1	3258951170731
E032001	36	57,20	49,80	49,80	462	1	3258950320014 NEW

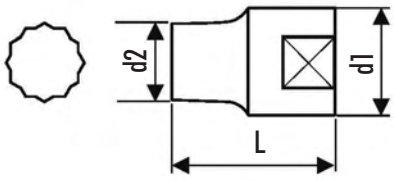


1/2" SOCKETS

1/2" 12-POINT SOCKETS - INCH

- ASME B 107-1 - ISO 1174-1
- Chrome vanadium steel.
- OGV® profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (")	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113701	3/8"	38	21,80	14,70	45	1	3258951137017
E113702	7/16"	38	21,80	17	45	1	3258951137024
E113703	1/2"	38	21,80	19	48	1	3258951137031
E117074	9/16"	38	21,80	20,80	55	1	3258951170748
E117075	19/32"	38	21,80	20,80	55	1	3258951170755
E117076	5/8"	38	23,30	22,50	68	1	3258951170762
E113704	21/32"	38	23,30	23,30	68	1	3258951137048
E117077	11/16"	38	24,20	24,20	74	1	3258951170779
E117078	3/4"	38	26,30	26,30	87	1	3258951170786
E113705	25/32"	38	26,80	26,80	86	1	3258951137055
E117079	13/16"	38	27,70	27,70	92	1	3258951170793
E117080	7/8"	38	29,80	29,80	117	1	3258951170809
E117081	15/16"	38	31,80	31,80	136	1	3258951170816
E113706	31/32"	38	32,80	32,80	140	1	3258951137062
E117082	1"	41	33,80	33,80	148	1	3258951170823
E117083	1"1/16	41	35,80	35,80	190	1	3258951170830
E117084	1"1/8	41	37,80	37,80	228	1	3258951170847
E113707	1"3/16	41	39,80	39,80	230	1	3258951137079
E117085	1"1/4	41	41,80	41,80	268	1	3258951170854



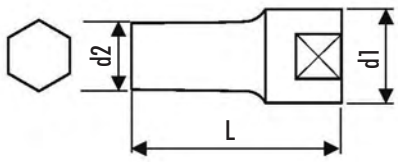
1/2" SOCKETS

1/2" 6-POINT LONG SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV® profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E032103	10	79	22	15,50	98	1	3258950321035
E117265	12	79	22	18	105	1	3258951172650
E117266	13	79	22	19,20	115	1	3258951172667
E117267	14	79	22	20,50	120	1	3258951172674
E117268	15	79	22	21	125	1	3258951172681
E117269	16	79	23,30	22,50	128	1	3258951172698
E117270	17	79	24	24	140	1	3258951172704
E117271	18	79	25,30	25,30	160	1	3258951172711
E117272	19	79	26,50	26,50	160	1	3258951172728
E117273	21	79	27,80	27,80	200	1	3258951172735
E117274	22	79	29,80	29,80	215	1	3258951172742
E117275	24	79	31,80	31,80	255	1	3258951172759
E117276	27	79	35,80	35,80	310	1	3258951172766
E117277	30	79	39,80	39,80	355	1	3258951172773

NEW

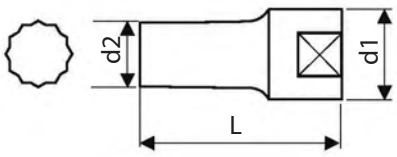


1/2" 12-POINT LONG SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Chrome vanadium steel.
- OGV® profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E032203	10	79	22	15,50	98	1	3258950322032
E117278	12	79	22	18	105	1	3258951172780
E117279	13	79	22	19,20	115	1	3258951172797
E117280	14	79	22	20,50	120	1	3258951172803
E117281	15	79	22	21	125	1	3258951172810
E117282	16	79	23,30	22,50	128	1	3258951172827
E117283	17	79	24	24	140	1	3258951172834
E117284	18	79	25,30	25,30	160	1	3258951172841
E117285	19	79	26,50	26,50	160	1	3258951172858
E117286	21	79	27,80	27,80	200	1	3258951172865
E117287	22	79	29,80	29,80	215	1	3258951172872
E117288	23	79	30,80	30,80	232	1	3258951172889
E117289	24	79	31,80	31,80	255	1	3258951172896
E117290	27	79	35,80	35,80	310	1	3258951172902
E117291	30	79	39,80	39,80	355	1	3258951172919
E117292	32	79	41,30	41,30	408	1	3258951172926

NEW

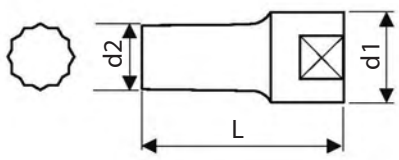


1/2" SOCKETS

1/2" 12-POINT LONG SOCKETS - INCH

- ASME B 107-1 - ISO 1174-1
- Chrome vanadium steel.
- OGV® profile: tightening torque applied to the sides rather than to the angles of the nut.
- High Chrome Finish.
- For manual use.

	A (")	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113713	1/2"	79	22	19	116	1	3258951137130
E113714	9/16"	79	22	20,80	118	1	3258951137147
E113715	5/8"	79	23,30	22,50	126	1	3258951137154
E113716	11/16"	79	24	24	146	1	3258951137161
E113717	3/4"	79	26	26	180	1	3258951137178
E113718	13/16"	79	27	27	240	1	3258951137185
E113719	1/8"	79	29	29	250	1	3258951137192
E113720	15/16"	79	31	31	265	1	3258951137208
E113721	1"	79	33	33	290	1	3258951137215
E113722	1"1/16	79	35	35	315	1	3258951137222
E113723	1"1/8	79	37	37	350	1	3258951137239
E113724	1"1/4	79	41	41	360	1	3258951137246



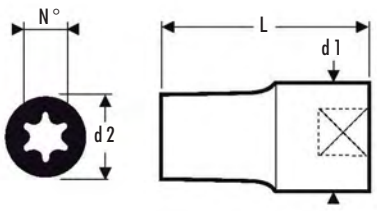
1/2" TORX® BIT SOCKETS

1/2" TORX® SOCKETS

- ISO 1174-1
- For male Torx® screws.
- Chrome vanadium steel.
- High Chrome finish.

NEW

	N°	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E031927	E10	38	21,80	13,30	41	1	3258950319278
E031935	E11	38	21,80	14	41	1	3258950319353
E031928	E12	38	21,80	15	47	1	3258950319285
E031929	E14	38	21,80	17	47	1	3258950319292
E031930	E16	38	21,80	18,50	57	1	3258950319308
E031931	E18	38	21,80	20	57	1	3258950319315
E031932	E20	38	23,30	23,30	63	1	3258950319322
E031933	E22	38	24,80	24,80	80	1	3258950319339
E031934	E24	38	26,80	26,80	97	1	3258950319346



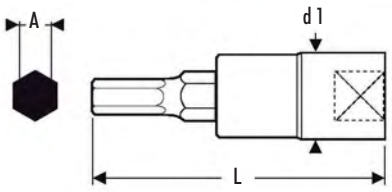
1/2" SCREWDRIVER BIT SOCKETS

1/2" HEX SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

NEW

	A (mm)	L (mm)	d1 (mm)	Weight (g)		EAN
E031901	4	55	22	59	1	3258950319018
E031902	5	55	22	60	1	3258950319025
E031903	6	55	22	62	1	3258950319032
E031904	7	55	22	64	1	3258950319049
E031905	8	55	22	65	1	3258950319056
E031906	9	55	22	72	1	3258950319063
E031907	10	55	22	80	1	3258950319070
E031908	12	55	22	102	1	3258950319087
E031909	14	55	22	127	1	3258950319094
E031910	17	55	22	152	1	3258950319100

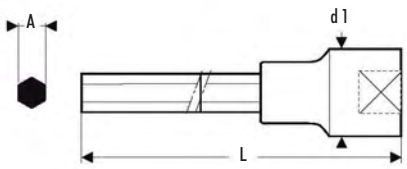


1/2" LONG HEX SCREWDRIVER BIT SOCKETS

- ISO 2725-1 - DIN3124 - ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

NEW

	A (mm)	L (mm)	d1 (mm)	Weight (g)		EAN
E031912	4	100	22	69	1	3258950319124
E031913	5	100	22	71	1	3258950319131
E031914	6	100	22	77	1	3258950319148
E031915	8	100	22	79	1	3258950319155
E031916	10	100	22	132	1	3258950319162
E031917	12	100	22	144	1	3258950319179

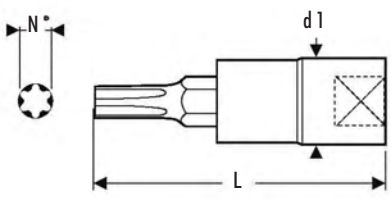


1/2" TORX® SCREWDRIVER BIT SOCKETS

- ISO 1174-1
- Chrome vanadium steel.
- High Chrome finish.

NEW

	N°	L (mm)	d1 (mm)	Weight (g)		EAN
E031918	T20	55	22	58	1	3258950319186
E031919	T25	55	22	58	1	3258950319193
E031920	T27	55	22	59	1	3258950319209
E031921	T30	55	22	59	1	3258950319216
E031922	T40	55	22	62	1	3258950319223
E031923	T45	55	22	63	1	3258950319230
E031924	T50	55	22	74	1	3258950319247
E031925	T55	55	22	96	1	3258950319254
E031926	T60	55	22	117	1	3258950319261



3/4" SOCKET SETS

3/4" SOCKET SET - 14 PIECES

- 3/4" hex sockets: 22-24-27-30-32-34-36-41-46-50 mm.
- 1 3/4" sliding T-handle.
- 1 3/4" ratchet.
- 2 3/4" extensions 200-400 mm.
- Supplied in a metal box.

	Qty	Square	Weight (Kg)	Dimensions		EAN
E194682	14	3/4"	14	539 x 133 x 80mm	1	3258951946824

3/4" SOCKET SET - 18 PIECES

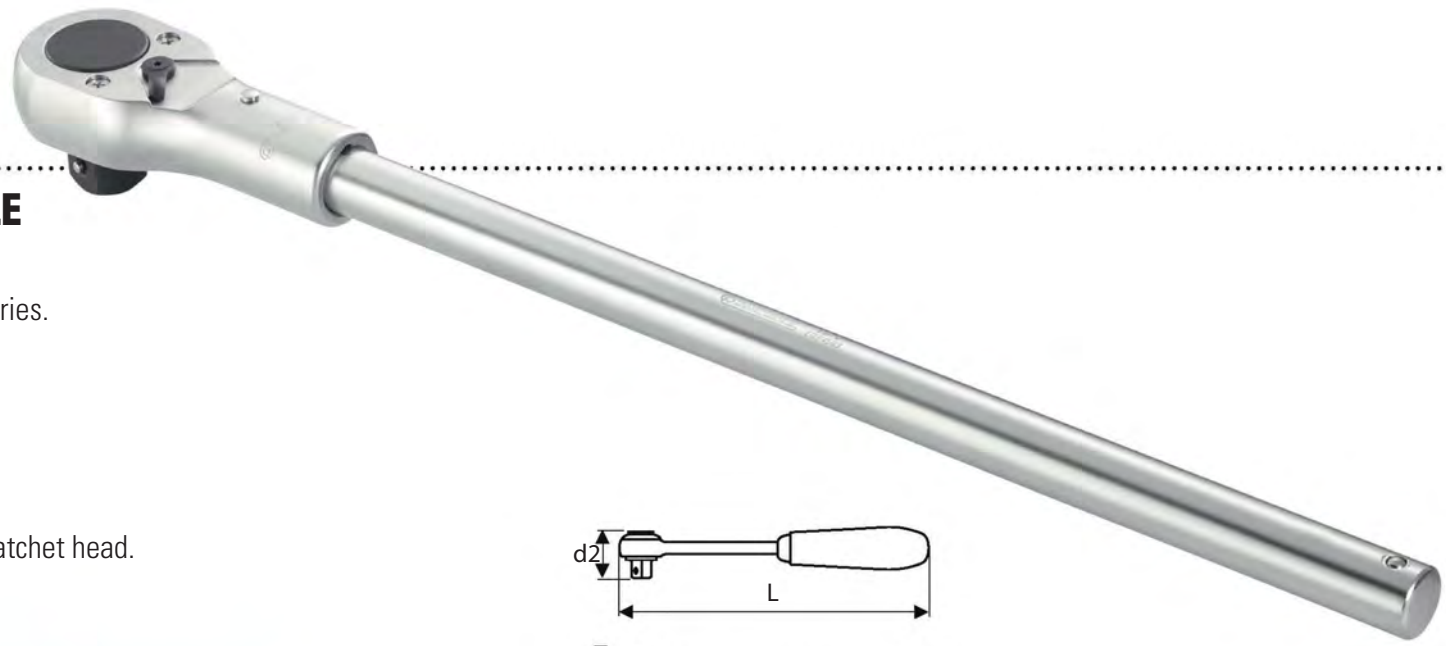
- 3/4" hex sockets: 19-21-22-24-27-30-32-34-36-41-46-50-55 mm.
- 2 3/4" extensions 200-400 mm.
- 1 3/4" sliding T-handle.
- 1 3/4" ratchet.
- 1 3/4" universal joint.
- Supplied in a metal box.

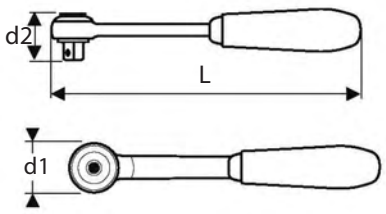
	Qty	Square	Weight (Kg)	Dimensions		EAN
E194683	18	3/4"	15,50	539 x 184 x 80mm	1	3258951946831

3/4" RATCHETS

3/4" RATCHET WITH HANDLE

- ISO 3315 - DIN 3122 - ISO 1174-1
- Safety lock for all sockets and accessories.
- 24 tooth mechanism.
- 15° increment.
- Chrome vanadium steel.
- Matt Chrome finish.
- Delivered with locking handle on the ratchet head.





	L (mm)	d1 (mm)	d2 (mm)	Weight (Kg)		EAN
E113819	568	63,40	59	2,37	1	3258951138199

3/4" RATCHETS

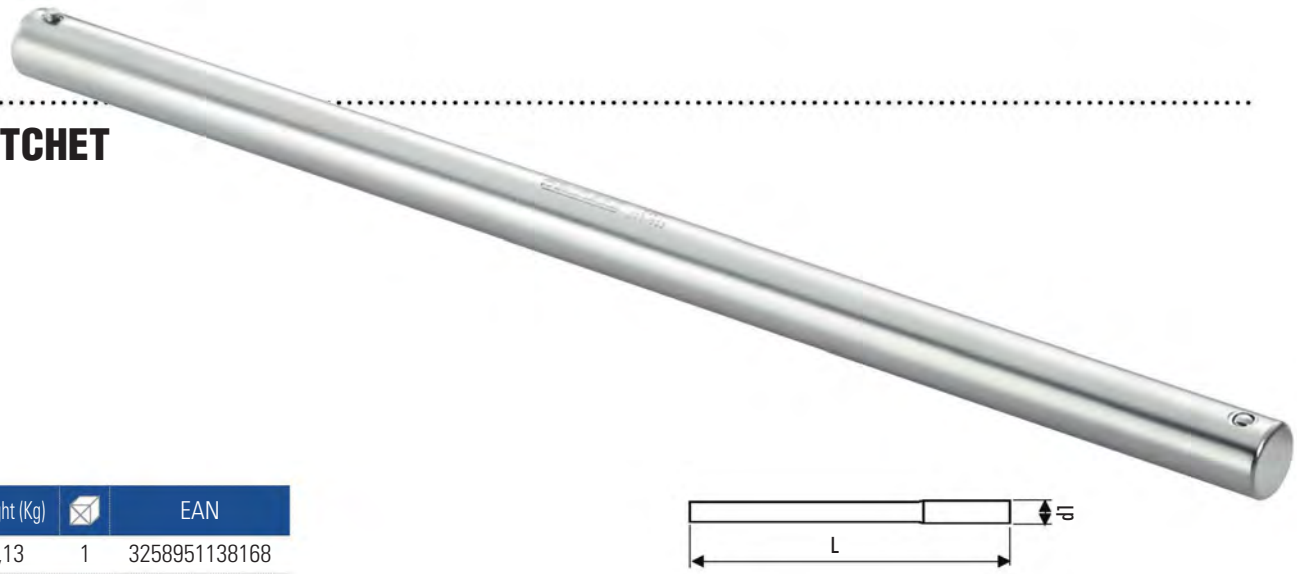
3/4" RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- With a safety lock with sockets and accessories.
- 24 tooth mechanism.
- 15° increment.
- Matt Chrome finish.
- Chrome vanadium steel.
- Supplied without handle.

	L (mm)	d1 (mm)	d2 (mm)	Weight (Kg)		EAN
E113817	155	63,40	59	1,24	1	3258951138175

HANDLE FOR 3/4" RATCHET

- ISO 3315 - DIN 3122
- Matt Chrome finish.
- For manual use.
- Chrome vanadium steel.

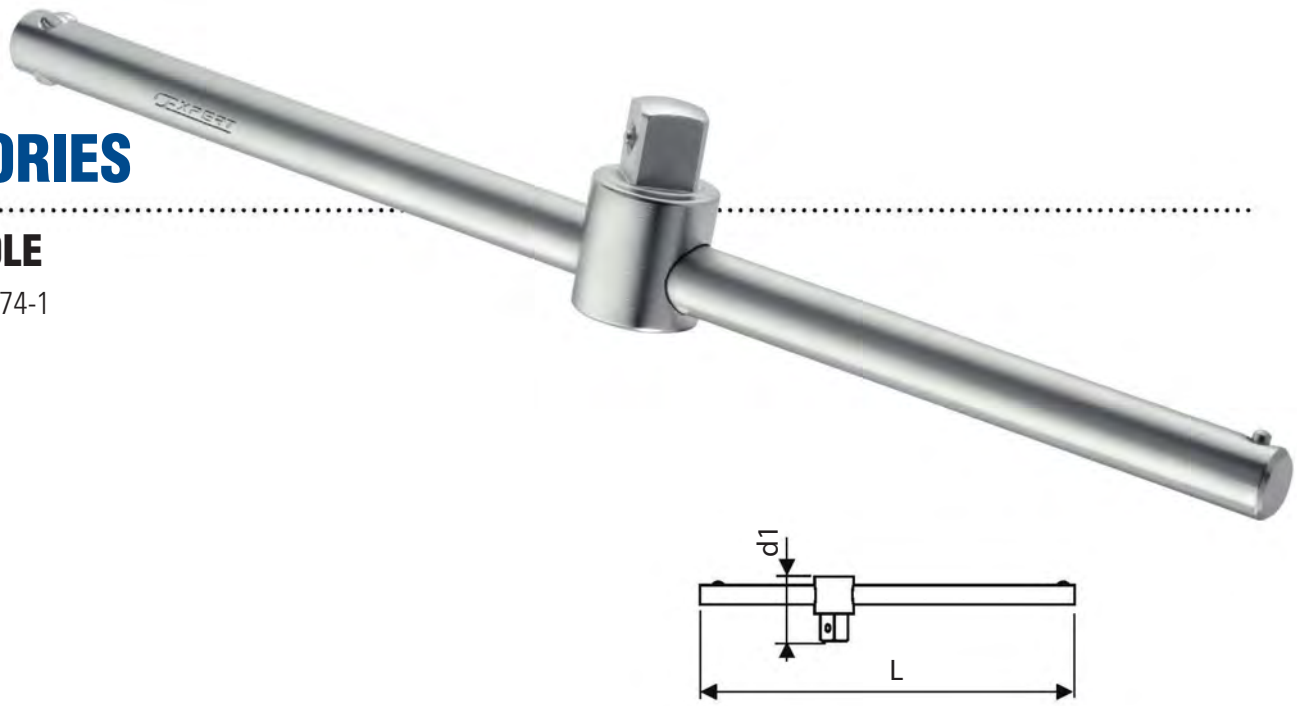


	L (mm)	d1 (mm)	Weight (Kg)		EAN
E113816	455	20	1,13	1	3258951138168

3/4" ACCESSORIES

3/4" SLIDING T-HANDLE

- ISO 3315 - DIN 3122 - ISO 1174-1
- Hight torque resistance.
- Safety lock.
- Chrome vanadium steel.
- Matt chrome finish.
- For manual use.



	L (mm)	d1 (mm)	Weight (Kg)		EAN
E113815	455	60	1,30	1	3258951138151

3/4" ACCESSORIES

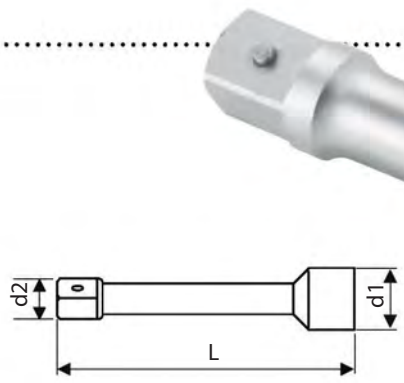
3/4" HINGED HANDLE

- ISO 3315 - DIN 3122 - ISO 1174-1
- Hight torque resistance.
- Chrome vanadium steel.
- Matt chrome finish.
- For manual use.

	L (mm)	Weight (Kg)		EAN
E033804	1250	3,70	1	3258950338040

3/4" EXTENSIONS

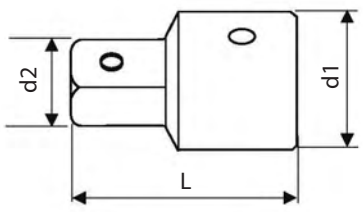
- ISO 3316 - DIN 3123 - ISO 1174-1
- Matt Chrome finish.
- Chrome vanadium steel.
- For manual use.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113820	100	35,50	25	410	1	3258951138205
E113824	200	35,50	25	620	1	3258951138243
E113823	400	35,50	25	1130	1	3258951138236

3/4" TO 1/2" MALE COUPLER

- ISO 3316 - DIN 3123 - ISO 1174-1
- Matt Chrome finish.
- Safety lock.
- Chrome vanadium steel.
- For manual use.

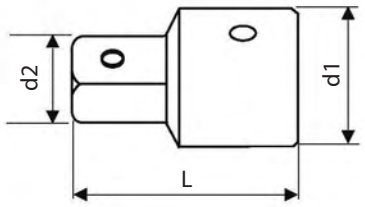


	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113821	48	34	12,58	166	1	3258951138212

3/4" ACCESSORIES

3/4" TO 1" ADAPTER

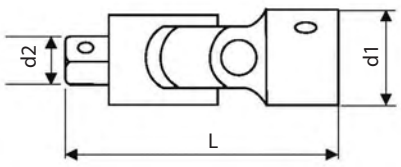
- ISO 3316 - DIN 3123 - ISO 1174-1
- Fitted with safety lock.
- Chrome vanadium steel.
- Matt chrome finish.
- For manual use.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E033802	62	38	33,50	340	1	3258950338026

3/4" UNIVERSAL JOINT

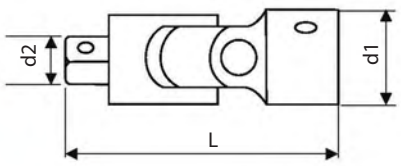
- ISO 3316 - DIN 3123 - ISO 1174-1
- Matt Chrome finish.
- Safety lock.
- Chrome vanadium steel.
- For manual use.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113822	107	40	25	550	1	3258951138229

3/4" UNIVERSAL JOINT FOR BAR

- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- Matt Chrome finish.
- Chrome vanadium steel.
- Safety lock.
- For manual use.

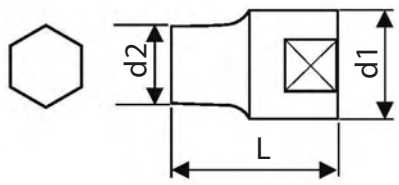


	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E033801	138	36	25	550	1	3258950338019

3/4" SOCKETS

3/4" 6-POINT SOCKETS - METRIC

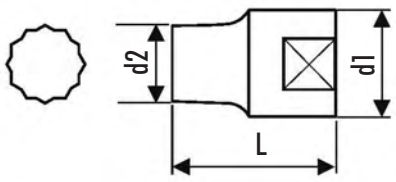
- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 - ISO 691
- Safety lock.
- Fast release button.
- Chrome vanadium steel.
- Matt Chrome finish.
- For manual use.



	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113790	19	50	33	27,20	207	1	3258951137901
E113791	21	50	33	31,20	208	1	3258951137918
E113792	22	50	36	32,20	221	1	3258951137925
E113793	23	50	36	33,20	244	1	3258951137932
E113794	24	51	36	34,20	237	1	3258951137949
E113795	26	52	36	37	231	1	3258951137956
E113796	27	52	36	38	232	1	3258951137963
E113797	28	52	36	39,50	239	1	3258951137970
E113798	29	52	36	40,50	245	1	3258951137987
E113799	30	54	36	42	282	1	3258951137994
E113800	32	56	36	44	301	1	3258951138007
E113801	33	56	36	46	330	1	3258951138014
E113802	34	56	36	47	322	1	3258951138021
E113803	35	58	38	48	344	1	3258951138038
E113804	36	58	38	50	347	1	3258951138045
E113805	38	60	38	52	478	1	3258951138052
E113806	40	62	40	54	493	1	3258951138069
E113807	41	64	40	56	504	1	3258951138076
E113808	42	64	40	57	552	1	3258951138083
E113809	44	66	40	60	587	1	3258951138090
E113810	46	66	42	62	641	1	3258951138106
E113811	50	70	42	68	725	1	3258951138113
E113812	54	72	45	72	880	1	3258951138120
E113813	55	75	45	75	875	1	3258951138137

3/4" 12-POINT SOCKETS - INCH

- ASME B 107-1 - ISO 1174-1
- Safety lock.
- Fast release button.
- Chrome vanadium steel.
- Matt Chrome finish.
- For manual use.



NEW

	A (")	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E033503	7/8"	50	33	31,20	210	1	3258950335032
E033504	15/16"	51	36,20	34,20	220	1	3258950335049
E033505	1"	52	36	37	220	1	3258950335056
E033506	1"1/16	52	36	38	220	1	3258950335063
E033507	1"1/8	52	36	40	250	1	3258950335070
E033508	1"3/16	54	36	42	260	1	3258950335087
E033509	1"1/4	56	36	44	270	1	3258950335094
E033510	1"5/16	56	36	46	300	1	3258950335100
E033511	1"3/8	58	38	48	340	1	3258950335117
E033512	1"7/16	58	38	50	350	1	3258950335124
E033513	1"1/2	60	38	52	390	1	3258950335131
E033514	1"5/8	64	40	56	480	1	3258950335148
E033516	1"3/4	66	40	60	560	1	3258950335162
E033517	1"13/16	66	42	62	620	1	3258950335179
E033515	1"7/8	68	42	64	660	1	3258950335155
E033518	2"	70	42	68	680	1	3258950335186

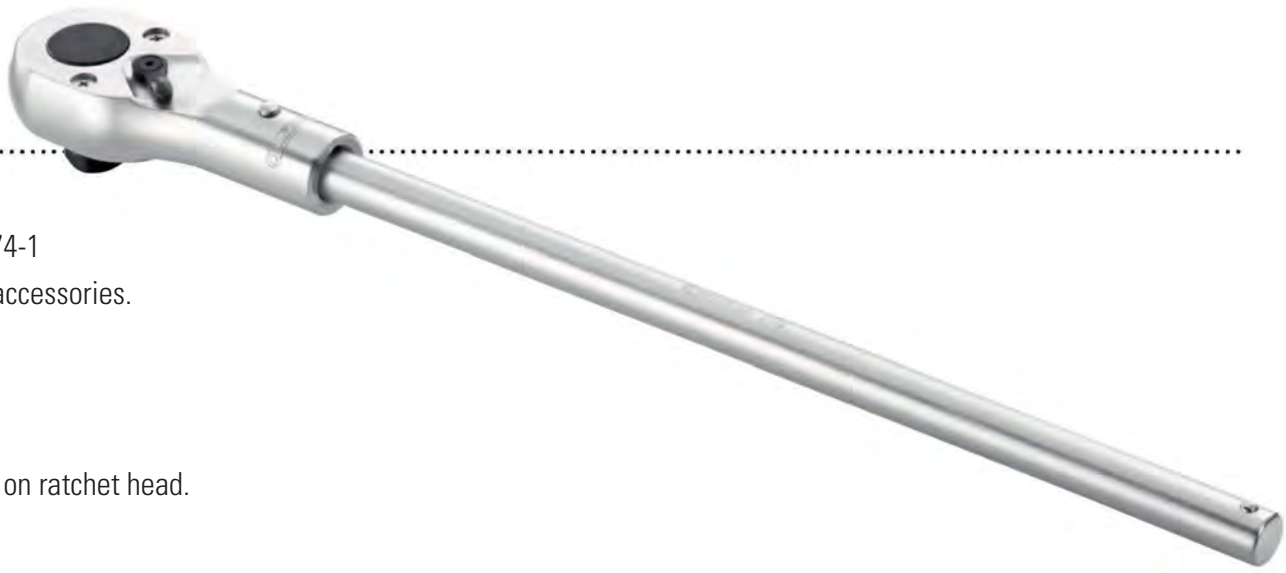
1" SOCKET SET

1" SOCKET SET - 14 PIECES

- 1" hex sockets: 41-46-50-55-60-65-70-75-80 mm.
- 2 1" extensions 200-400 mm.
- 1 1" ratchet.
- 1 1" sliding T-handle.
- Supplied in a metal box.

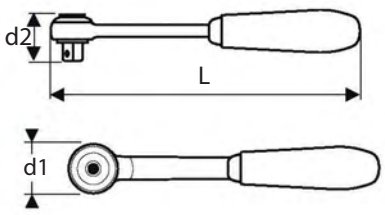
	Qty	Square	Weight (Kg)	Dimensions		EAN
E034701	14	1"	29	658 x 211 x 108 mm	1	3258950347011

1" RATCHET



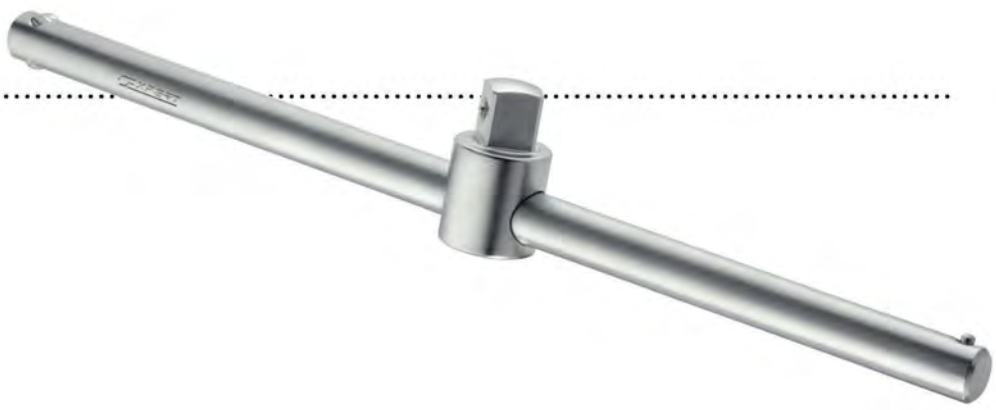
1" RATCHET

- ISO 3315 - DIN 3122 - ISO 1174-1
- Safety lock with sockets and accessories.
- Snap lock button.
- Chrome vanadium steel.
- Matt Chrome finish.
- Delviered with handle locking on ratchet head.



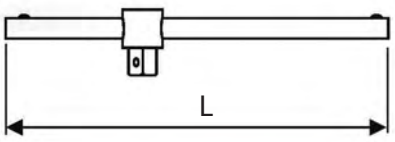
	L (mm)	d1 (mm)	d2 (mm)	Weight (Kg)		EAN
E034601	666	71,50	71	2	1	3258950346014

1'' ACCESSORIES



1" SLIDING HANDLE

- ISO 3316 - DIN 3123 - ISO 1174-1
- Safety lock.
- Snap lock button.
- Chrome vanadium steel.
- Matt chrome finish.



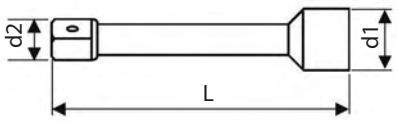
	L (mm)	Weight (Kg)		EAN
E034503	500	2,40	1	3258950345031

1" ACCESSORIES

1" EXTENSIONS

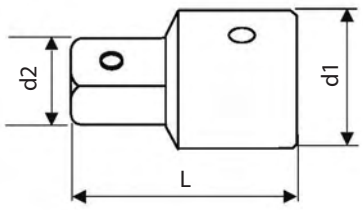
- ISO 3316 - DIN 3123 - ISO 1174-1
- Safety lock.
- Fast release button.
- Matt Chrome finish.
- Chrome vanadium steel.

	L (mm)	d1 (mm)	d2 (mm)	Weight (Kg)		EAN
E034501	200	48	33,50	1,10	1	3258950345017
E034502	400	48	33,50	2	1	3258950345024



1" TO 3/4" COUPLER

- ISO 3316 - DIN 3123 - ISO 1174-1
- Chrome vanadium steel.
- Matt Chrome finish.
- Safety lock.
- For manual use.



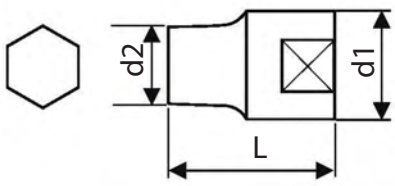
	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E033803	80	42	33,50	415	1	3258950338033

1" SOCKETS

1" 6-POINT SOCKETS - METRIC

- ISO 2725-1 - DIN 3124 - ISO 1174-1 - ISO 1711-1 ISO 691
- Safety lock.
- Fast release button.
- Matt Chrome finish.
- Chrome vanadium steel.
- For manual use.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E034101	41	70	47	45	685	1	3258950341019
E034102	46	75	65	50	852	1	3258950341026
E034103	50	75	70	50	968	1	3258950341033
E034104	55	80	76	55	1262	1	3258950341040
E034105	60	84	82	55	1432	1	3258950341057
E034106	65	87	88	55	1652	1	3258950341064
E034107	70	70	94	60	1921	1	3258950341071
E034108	75	97	100	60	2261	1	3258950341088
E034109	80	103	105	60	2800	1	3258950341095



SETS OF 1/2" IMPACT SOCKETS

LONG IMPACT SOCKET SET - 1/2" - 14 PIECES

- 1/2" long impact sockets: 10-11-12-13-14-16-17-19-21-22-24-27-30-32 mm.
- Delivered with snap rings and safety pins.
- Packaged in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions	EAN
E041602	14	1/2"	4,65	L.415 x P.283 x H.92mm	3258950416021

IMPACT SOCKET SET - 1/2" - 17 PIECES

- D1/2" Hex impact sockets: 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm.
- Delivered with snap rings and safety pins.
- Packaged in socket set case with metal clasps - also converts into a modular storage system for use in roller cabinets.

	Qty	Square	Weight (Kg)	Dimensions	EAN
E041603	17	1/2"	3,80	L.415 x P.283 x H.92mm	3258950416038

IMPACT SOCKETS AND ACCESSORIES MODULE - 1/2" - 26 PIECES

- 1/2" Hex impact sockets: 10-11-12-13-14-15-16-17-18-19-21-22-24 mm.
- Torx® impact sockets: E10-E12-E14-E16-E18-E20-E24.
- Long impact sockets for alloy wheels: 17-19-21 mm.
- 1 set of 5 snap rings and 5 pins for 1/2" impact sockets 8 to 14 mm.
- 1 set of 5 snap rings and 5 pins for 1/2" impact sockets 15 to 32 mm.
- 1 1/2" 125 mm impact extension.
- Tray: E041606.

	Qty	Square	Weight (Kg)		EAN
E041604	26	1/2"	3,55	1	3258950416045

SETS OF 1/2'' IMPACT SOCKETS

IMPACT SOCKET MODULE - 1/2" - 17 PIECES

- 1/2" impact sockets: 8-10-11-12-13-14-15-16-17-18-19-21-22-24 mm.
- 2 1/2" impact extensions 50-250 mm.
- 1 1/2" impact universal joint.
- Empty module: E040602.

	Qty	Square	Weight (Kg)		EAN
E040601	17	1/2"	2,35	1	3258950406015

DEEP IMPACT SOCKET MODULE - 1/2" - 25 PIECES

- 1/2" deep impact hex sockets: 10-11-13-14-16-17-18-19-21-22-24-27-30-32 mm.
- 1 1/2'' impact extension 125 mm.
- 1/2" hex impact screwdriver bit sockets: 5-6-8-10-12-14-17-19.
- 1 set of 5 rings and 5 pins for 1/2" impact sockets 8 to 14 mm.
- 1 set of 5 rings and 5 pins for 1/2" impact sockets 15 to 32 mm.
- Empty module: E041645.

NEW

	Qty	Square	Weight (Kg)		EAN
E041644	25	1/2"	5,24	1	3258950416441

TORX® IMPACT SOCKETS SET - 1/2" - 7 PIECES

- 1/2" Torx® impact sockets: E10-E12-E14-E16-E18-E20-E24.
- Supplied on metallic rack.

	Qty	Square	Weight (g)		EAN
E041605	7	1/2"	700	1	3258950416052

3/8" IMPACT SOCKETS

IMPACT SOCKETS - 3/8" - 9 PIECES

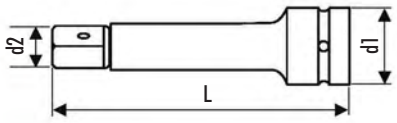
- 3/8" impact sockets: 8-9-10-11-12-13-14-17-19 mm.
- Delivered with snap rings and safety pins.
- Supplied on metallic rack.

	Qty	Square	Weight (Kg)		EAN
E041601	9	3/8"	1,30	1	3258950416014

1/2" IMPACT ACCESSORIES

1/2" IMPACT EXTENSIONS

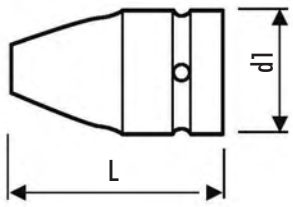
- ISO 1174-1
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use impact extensions with appropriate rings and pins.



	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113616	50	25	16,60	97	1	3258951136164
E113617	125	25	16,60	230	1	3258951136171
E113618	250	25	16,60	430	1	3258951136188

IMPACT SOCKET 1/2" BIT HOLDER 5/16"

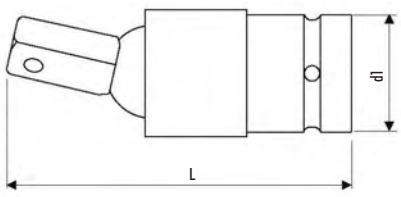
- ISO 2725-2 - ISO 1711-1 - ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use Impact sockets with appropriate rings and pins.



	L (mm)	d1 (mm)	Weight (g)		EAN
E113619	40	25	90	1	3258951136195

1/2" IMPACT UNIVERSAL JOINT

- ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use Impact sockets with appropriate rings and pins.



	L (mm)	d1 (mm)	Weight (g)		EAN
E113620	60	32	170	1	3258951136201

1/2" IMPACT SOCKETS

SET OF 5 RINGS AND 5 BUSHES FOR 1/2" IMPACT SOCKETS

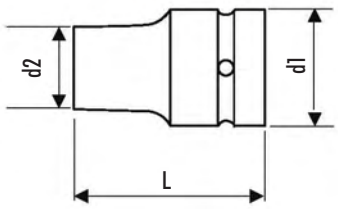
- E117881 for sockets 8 to 14 mm.
- E117884 for sockets 15 to 32 mm.

	Weight (g)		EAN
E117881	5	1	3258951178812
E117884	6	1	3258951178843

1/2" IMPACT SOCKETS

1/2" IMPACT SOCKETS - HEX - METRIC

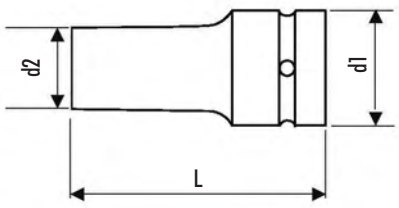
- ISO 2725-2 - ISO 1711-2 - ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use impact sockets with appropriate rings and pins.



	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113489	8	38	25	15	86	1	3258951134894
E113490	10	38	25	17,50	87	1	3258951134900
E113491	11	38	25	18,70	89	1	3258951134917
E113492	12	38	25	20	89	1	3258951134924
E113493	13	38	25	21,30	88	1	3258951134931
E113494	14	38	25	22,50	88	1	3258951134948
E113495	15	38	30	23,70	136	1	3258951134955
E113496	16	38	30	25	138	1	3258951134962
E113497	17	38	30	26,20	133	1	3258951134979
E113498	18	38	30	27,50	134	1	3258951134986
E113499	19	38	30	28,70	128	1	3258951134993
E113588	21	38	30	30	120	1	3258951135884
E113589	22	38	30	32	160	1	3258951135891
E113592	24	45	30	35	177	1	3258951135921
E113594	27	50	30	38,70	222	1	3258951135945
E113595	28	50	30	40	225	1	3258951135952
E113596	30	50	30	42	240	1	3258951135969
E113597	32	50	30	44	244	1	3258951135976

1/2" LONG IMPACT SOCKETS - HEX - METRIC

- ISO 2725-2 - ISO 1711-2 - ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use impact sockets with appropriate rings and pins.



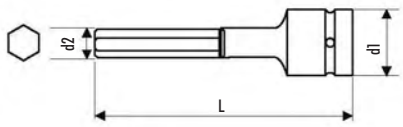
	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113598	10	78	25	17,50	139	1	3258951135983
E113599	11	78	25	18,70	147	1	3258951135990
E113600	13	78	25	21,30	165	1	3258951136003
E113605	14	78	25	22,50	168	1	3258951136058
E113606	16	78	30	25	238	1	3258951136065
E113607	17	78	30	26,20	238	1	3258951136072
E113608	18	78	30	27,50	252	1	3258951136089
E113609	19	78	30	28,70	252	1	3258951136096
E113610	21	78	30	31	272	1	3258951136102
E113611	22	78	30	32	279	1	3258951136119
E113612	24	78	30	35	325	1	3258951136126
E113613	27	78	30	38,70	384	1	3258951136133
E113614	30	78	30	42	411	1	3258951136140
E113615	32	78	30	44	427	1	3258951136157

1/2" IMPACT SOCKETS

1/2" IMPACT SCREWDRIVER HEX BIT

- ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- One piece screwdriver sockets.
- For your safety, use impact bit sockets with the appropriate rings and pins.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113623	5	75	25	6	84	1	3258951136232
E113624	6	75	25	7,10	89	1	3258951136249
E113625	8	75	25	9,50	97	1	3258951136256
E113626	10	75	25	11,80	108	1	3258951136263
E113627	12	75	25	14	125	1	3258951136270
E113628	14	75	25	16,40	143	1	3258951136287
E113629	17	75	25	19,80	178	1	3258951136294
E113630	19	75	25	22,10	203	1	3258951136300

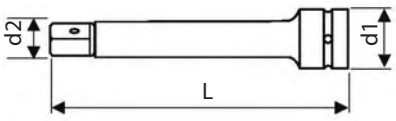


3/4" IMPACT ACCESSORIES

3/4" IMPACT EXTENSIONS

- ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use impact extensions with appropriate rings and pins.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113487	175	44	25	883	1	3258951134870
E113488	250	44	25	1167	1	3258951134887

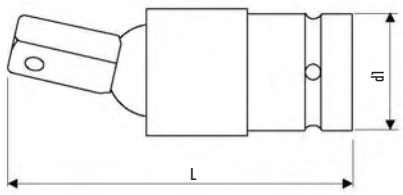


3/4" IMPACT ACCESSORIES

3/4" IMPACT UNIVERSAL JOINT

- ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use Impact universal joint with appropriate rings and pins.

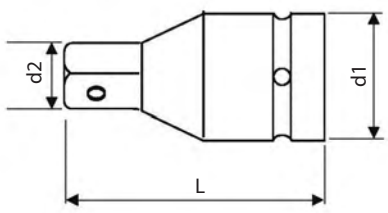
	L (mm)	d1 (mm)	Weight (g)		EAN
E041501	107	25,60	700	1	3258950415017



3/4" TO 1/2" IMPACT SOCKET COUPLER

- ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use Impact couplers with appropriate rings and pins.

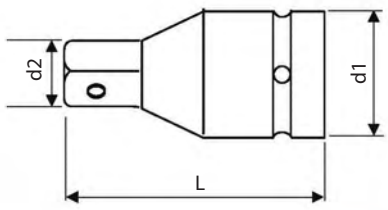
	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E041502	56	44	12,58	350	1	3258950415024



1" TO 3/4" SOCKET COUPLER

- ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use Impact couplers with appropriate rings and pins.

	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E041503	75	54	25	800	1	3258950415031



3/4" IMPACT SOCKETS

SET OF 5 RINGS AND 5 BUSHES FOR 3/4" IMPACT SOCKETS

- For 3/4" sockets - 17 to 50 mm.

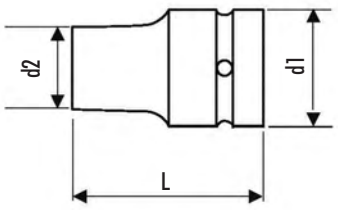
		EAN
E113563	5	3258951135631

3/4" IMPACT SOCKETS

3/4" IMPACT SOCKETS - METRIC

- ISO 2725-2 - ISO 1711-2 - ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use impact sockets with appropriate rings and pins.

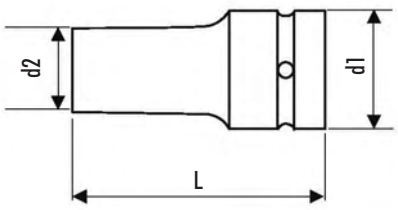
	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E041101	17	38	30	26,20	367	1	3258950411019
E041102	19	38	30	28,70	367	1	3258950411026
E041103	21	38	30	30	367	1	3258950411033
E041104	22	38	30	32	367	1	3258950411040
E041105	24	45	30	35	400	1	3258950411057
E041106	27	50	30	38,70	400	1	3258950411064
E113468	28	50	30	40	400	1	3258951134689
E113469	29	54	44	45	400	1	3258951134696
E113470	30	50	30	42	429	1	3258951134702
E113471	32	50	30	44	475	1	3258951134719
E113472	33	56	44	51	481	1	3258951134726
E113473	34	56	44	52	492	1	3258951134733
E113474	35	56	44	53	523	1	3258951134740
E113475	36	56	44	54	523	1	3258951134757
E113476	38	58	44	57	565	1	3258951134764
E113477	41	58	44	60	608	1	3258951134771
E113478	42	58	44	62	660	1	3258951134788
E113479	46	63	44	67	770	1	3258951134795

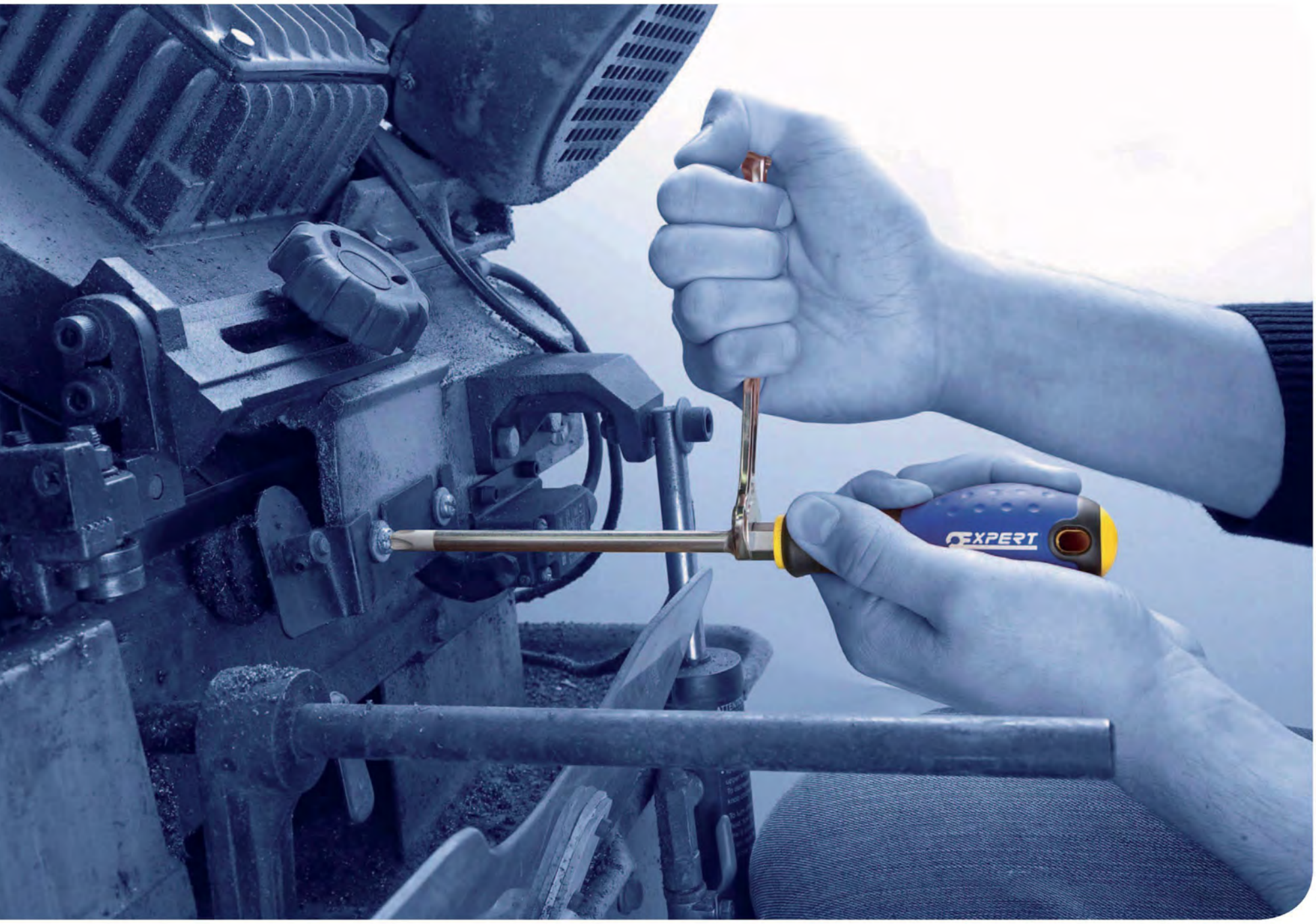


3/4" - LONG IMPACT SOCKETS - METRIC

- ISO 2725-2 - ISO 1711-2 - ISO 1174-2
- Designed specifically to withstand demands of impact machinery.
- Chrome-Molybdenum steel.
- For your safety, use impact sockets with appropriate rings and pins.

	A (mm)	L (mm)	d1 (mm)	d2 (mm)	Weight (g)		EAN
E113480	17	95	44	31	541	1	3258951134801
E113481	19	95	44	33	566	1	3258951134818
E113482	24	95	44	39	634	1	3258951134825
E113483	27	95	44	43	705	1	3258951134832
E113484	30	95	44	47	734	1	3258951134849
E113485	32	95	44	49	829	1	3258951134856
E041301	33	95	44	52	800	1	3258950413013
E113486	36	95	44	54	930	1	3258951134863
E041302	41	95	44	60	1000	1	3258950413020
E041303	46	95	44	67	1200	1	3258950413037





COLOUR CODED
For easy identification.

COLOUR CODED
For easy identification.

BLADE
Round countersunk, chrome plated blade in chrome vanadium steel. Sand-blasted tip.

HANDLE
Bimaterial ergonomic comfortable and effective handle.

SCREWDRIVERS, KEYS AND BITS

Screwdrivers 94

Wood handle screwdrivers 102

Nut drivers 102

Nut spinners 102

Sets of hex keys 104

Hex keys 106

T-Handle hex keys 110

Bit sets 113

Screwdriver bits 115

Ratchet bit holder drivers 117

1000 V insulated screwdrivers and precision screwdrivers

Refer to Electricity-Electronics p 158.

Screwdrivers, keys and bits

SCREWDRIVER SETS

SET OF 10 SCREWDRIVERS

- Screwdrivers for slotted head screws (flared): 2.5 x 75 - 3 x 75 - 4 x 100 - 5.5 x 125 - 6.5 x 150 (nut) mm.
- Screwdriver for slotted head (stubby): 4x30 mm.
- Phillips® screwdrivers: PH0 x 75 - PH1 x 100 - PH2 x 125.
- Phillips® screwdriver (stubby): PH2 x 30.

	Qty	Weight (g)		EAN
E160905	10	740	5	3258951609057

SET OF 8 SCREWDRIVERS

- Screwdrivers for slotted head screws (parallel): 3 x 50 - 4 x 100 mm.
- Screwdrivers for slotted head screws (flared): 5.5 x 125 - 6.5 x 150 - 8x175 (nut) mm.
- Phillips® screwdrivers: PH0 x 75 - PH1 x 100 - PH2 x 125 (nut).

	Qty	Weight (g)		EAN
E160904	8	800	5	3258951609040

SET OF 8 SCREWDRIVERS

- Screwdrivers for slotted head screws (parallel): 3 x 50 - 4 x 100 mm.
- Screwdrivers for slotted head screws (flared): 5.5 x 125 - 6.5 x 150 - 8 x 175 (nut) mm.
- Pozidriv® screwdriver: PZ0 x 75 - PZ1 x 100 - PZ2 x 125 (nut).

	Qty	Weight (g)		EAN
E160906	8	800	5	3258951609064

SCREWDRIVER SETS

SET OF 8 SCREWDRIVERS

- Screwdrivers for slotted head screws (parallel): 3 x 50 - 4 x 100 mm.
- Screwdrivers for slotted head screws (flared): 5.5 x 125 - 6.5 x 150 mm.
- Pozidriv® screwdrivers: PZ1 x 100 - PZ2 x 125.
- Phillips® screwdrivers: PH1 X 100 - PH2 x 125.

	Qty	Weight (g)		EAN
E160907	8	710	5	3258951609071

SET OF 6 SCREWDRIVERS

- Screwdrivers for slotted head screws (flared): 2.5 x 75 - 3 x 75 - 4 x 100 - 5.5 x 125 mm.
- Phillips® screwdrivers: PH1 x 100 - PH2 x 125.

	Qty	Weight (g)		EAN
E160902	6	430	5	3258951609026

SET OF 6 SCREWDRIVERS

- Screwdrivers for slotted head screws (parallel): 3.5 x 75 - 5.5 x 125 mm.
- Screwdrivers for slotted head screws (flared): 6.5 x 150 - 8x175.
- Pozidriv® screwdrivers: PZ1 x 100 - PZ2 x 125.

	Qty	Weight (g)		EAN
E160903	6	720	5	3258951609033

Screwdrivers, keys and bits

SCREWDRIVER SETS

SET OF 5 SCREWDRIVERS

- Screwdrivers for slotted head screws (parallel): 3.5 x 75 - 4 x 100 - 5.5 x 125 mm.
- Phillips® screwdrivers: PH1 x 100 - PH2 x 125.

	Qty	Weight (g)		EAN
E160901	5	330	5	3258951609019

SET OF 7 TORX® SCREWDRIVERS

- ACUMENT TMD 702
- Torx® screwdrivers: T10-T15-T20-T25-T27-T30-T40.

	Qty	Weight (g)		EAN
E160908	7	640	5	3258951609088

SET OF 7 RESISTORX® SCREWDRIVERS

- ACUMENT CID 602
- Resistorx® screwdrivers: TT10-TT15-TT20-TT25-TT27-TT30-TT40.

	Qty	Weight (g)		EAN
E160909	7	640	5	3258951609095

SCREWDRIVER SETS

8-SCREWDRIVER MODULE

- Screwdrivers for slotted head screws (parallel): 3.5 x 75 - 4 x 100 mm.
- Screwdrivers for slotted head screws (flared):
  5.5 x 125 - 6.5 x 150 - 8 x 175 (nut).
- Phillips® screwdrivers: PH0 x 75 - PH1 x 100 - PH2 x 125.
- Empty tray: E160916.

	Qty	L (mm)	l (mm)	Weight (g)		EAN
E194940	8	354	173	914	1	3258951949405

6-SCREWDRIVER MODULE

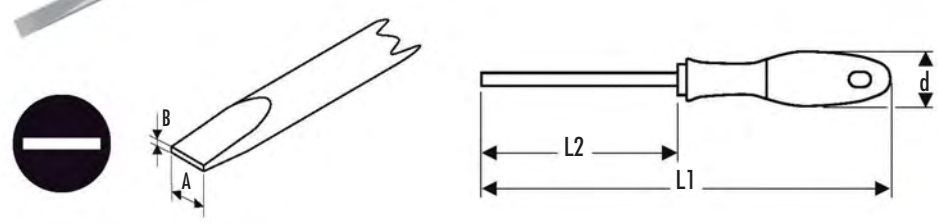
- ResisTorx® screwdrivers: TT10-TT15-TT20-TT25-TT30-TT40.
- Empty tray: E160917.

	Qty	L (mm)	l (mm)	Weight (g)		EAN
E194941	6	354	173	744	1	3258951949412

SCREWDRIVERS

SCREWDRIVERS FOR SLOTTED HEAD SCREWS (PARALLEL)

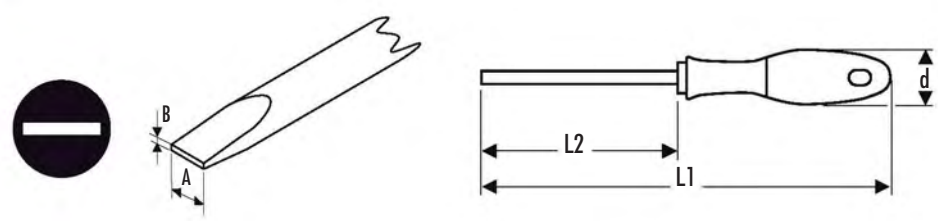
- ISO 2380-1 - ISO 2380-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: red.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.



	A x L2 x B	L1 (mm)	d (mm)	Weight (g)		EAN
E160101	2,0 x 50 x 0,4	149	20	16	5	3258951601013
E165006	2,5 x 50 x 0,4	149	20	18	5	3258951650066
E164978	3,0 x 50 x 0,5	149	20	20	5	3258951649787
E164983	3,5 x 75 x 0,6	177	27	37	10	3258951649831
E165017	4,0 x 100 x 0,8	202	27	43	10	3258951650172
E165093	4,0 x 150 x 0,8	252	27	50	10	3258951650936
E160102	4,0 x 250 x 0,8	352	27	65	5	3258951601020
E165476	5,5 x 125 x 1,0	230	32	80	10	3258951654767
E160103	5,5 x 250 x 1,0	355	32	104	5	3258951601037
E165096	6,5 x 150 x 1,2	266	40	133	10	3258951650967
E160104	6,5 x 250 x 1,2	366	40	164	5	3258951601044

SCREWDRIVERS FOR SLOTTED HEAD SCREWS (FLARED)

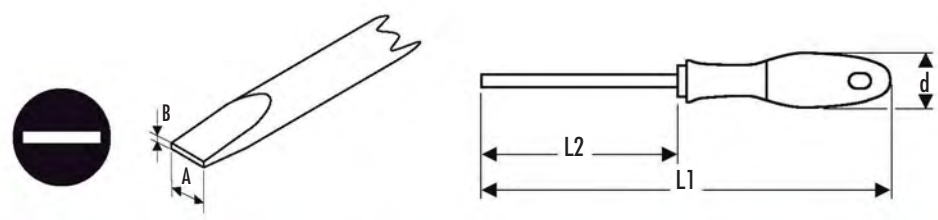
- ISO 2380-1 - ISO 2380-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: red.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.



	A x L2 x B	L1 (mm)	d (mm)	Weight (g)		EAN
E160201	2,5 x 75 x 0,4	177	27	28	10	3258951602010
E165479	3 x 75 x 0,5	173	30	31	10	3258951654798
E165480	3 x 100 x 0,5	198	38	32	10	3258951654804
E165016	4 x 100 x 0,8	202	43	42	10	3258951650165
E165481	4 x 125 x 0,8	227	47	46	10	3258951654811
E165098	5,5 x 100 x 1,0	205	32	69	10	3258951650981
E165482	5,5 x 125 x 1,0	230	32	73	10	3258951654828
E165483	5,5 x 150 x 1,0	227	32	47	10	3258951654835
E160206	6,5 x 125 x 1,2	241	40	117	10	3258951602065
E165141	6,5 x 150 x 1,2	266	40	123	10	3258951651414
E165138	8,0 x 175 x 1,6	291	40	177	10	3258951651384

SCREWDRIVERS FOR SLOTTED HEAD SCREWS WITH BOLSTER (FLARED)

- ISO 2380-1 - ISO 2380-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: red.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.
- Hex bolster.

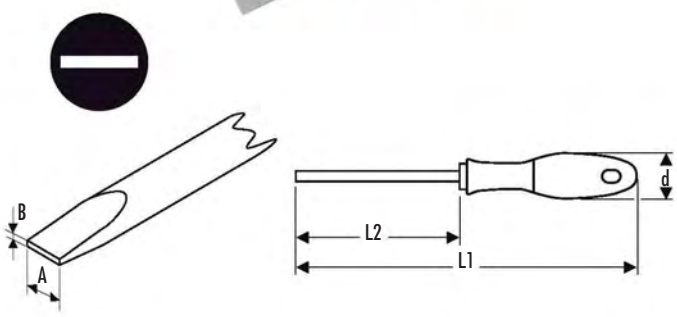


	A x L2 x B	L1 (mm)	d (mm)	Weight (g)		EAN
E160202	6,5 x 150 x 1,2	266	40	130	5	3258951602027
E160203	8,0 x 175 x 1,2	266	40	150	5	3258951602034
E160204	10 x 200 x 1,6	226	40	226	5	3258951602041
E160205	12 x 250 x 2,0	366	40	289	5	3258951602058

SCREWDRIVERS

STUBBY SCREWDRIVERS FOR SLOTTED HEAD SCREWS (PARALLEL)

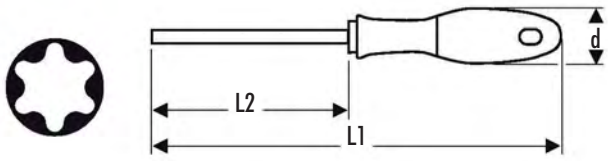
- ISO 2380-1 - ISO 2380-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: red.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.
- Compact screwdriver ideal for difficult access screws.



	A x L2 x B	L1 (mm)	d (mm)	Weight (g)		EAN
E165484	4,0 x 25 x 0,8	86	32	33	5	3258951654842
E165400	5,5 x 25 x 1,0	86	32	39	5	3258951654002
E165404	6,5 x 25 x 1,2	86	32	45	5	3258951654040

TORX® SCREWDRIVERS

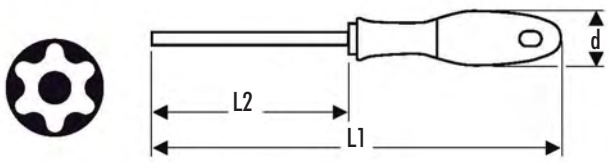
- ACUMENT TMD 702
- Bimaterial ergonomic comfortable and effective handle.
- Bit colour code: green.
- Round chrome plated blade in satin chrome vanadium steel.



	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E160501	T6	148	50	20	18	5	3258951605011
E160502	T7	148	50	20	18	5	3258951605028
E160503	T8	148	50	20	18	5	3258951605035
E160504	T9	173	75	20	19	5	3258951605042
E160505	T10	177	75	27	34	5	3258951605059
E160506	T15	177	75	27	37	5	3258951605066
E160507	T20	202	100	27	44	5	3258951605073
E160508	T25	205	100	32	71	5	3258951605080
E160509	T27	205	100	32	75	5	3258951605097
E160510	T30	241	125	40	118	5	3258951605103
E160511	T40	241	125	40	135	5	3258951605110

RESISTORX® SCREWDRIVERS

- ACUMENT CID 602
- Bimaterial ergonomic comfortable and effective handle.
- Bit colour code: green.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.



	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165340	TT 10	177	75	27	34	5	3258951653401
E165395	TT 15	177	75	27	37	5	3258951653951
E165396	TT 20	202	100	27	44	5	3258951653968
E165397	TT 25	205	100	32	71	5	3258951653975
E160601	TT 27	205	100	32	75	5	3258951606018
E165398	TT 30	241	125	40	118	5	3258951653982
E165399	TT 40	241	125	40	135	5	3258951653999

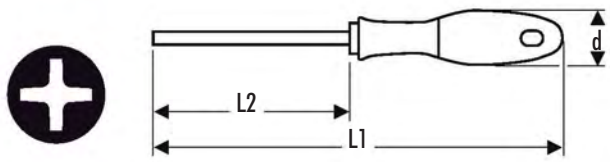
Screwdrivers, keys and bits

SCREWDRIVERS

SCREWDRIVERS FOR PHILLIPS® SCREWS

- ISO 8764-1 - ISO 8764-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: yellow.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.

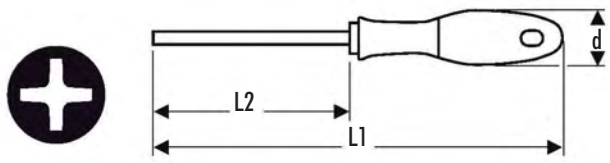
	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165204	PH 00	149	50	20	20	5	3258951652046
E165206	PH 0	177	75	27	44	10	3258951652060
E165207	PH 1	205	100	32	69	10	3258951652077
E160304	PH 1	355	250	32	101	5	3258951603048
E165209	PH 2	230	125	32	88	10	3258951652091
E160305	PH 2	355	250	32	123	5	3258951603055



SCREWDRIVERS FOR PHILLIPS® SCREWS WITH BOLSTER

- ISO 8764-1 - ISO 8764-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: yellow.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.
- Hex bolster.

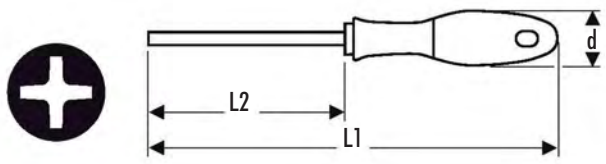
	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E160301	PH 2	230	125	32	95	5	3258951603017
E160302	PH 3	266	150	40	167	5	3258951603024
E160303	PH 4	316	200	40	254	5	3258951603031



STUBBY SCREWDRIVERS FOR PHILLIPS® SCREWS

- ISO 8764-1- ISO 8764-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: yellow.
- Round countersunk, chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.
- Compact screwdriver ideal for difficult access screws.

	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165406	PH 1	86	30	32	37	5	3258951654064
E165407	PH 2	86	30	32	42	5	3258951654071

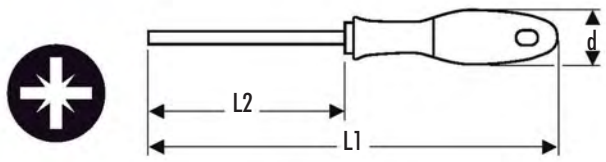


SCREWDRIVERS

SCREWDRIVERS FOR POZIDRIV® SCREWS

- ISO 8764-1 - ISO 8764-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: blue.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.

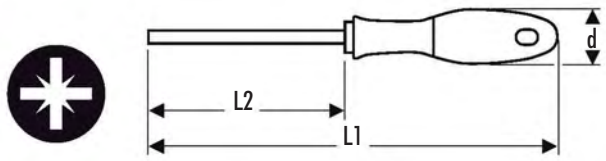
	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165319	PZ 0	177	75	27	41	10	3258951653197
E165335	PZ 1	205	100	32	69	10	3258951653357
E165337	PZ 2	230	125	32	88	10	3258951653371



SCREWDRIVERS FOR POZIDRIV® SCREWS WITH BOLSTER

- ISO 8764-1 - ISO 8764-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: blue.
- Round chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.
- Hex bolster.

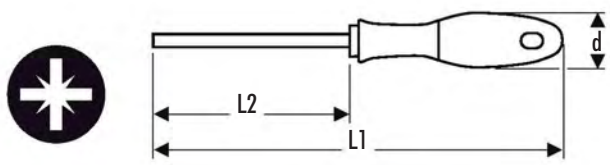
	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E160401	PZ 2	230	125	32	95	5	3258951604014
E160402	PZ 3	266	150	40	165	5	3258951604021
E160403	PZ 4	316	200	40	254	5	3258951604038



STUBBY SCREWDRIVERS FOR POZIDRIV® SCREWS

- ISO 8764-1 - ISO 8764-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit color code: blue.
- Round countersunk, chrome plated blade in chrome vanadium steel.
- Sand-blasted tip.
- Compact screwdriver ideal for difficult access screws.

	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165408	PZ 1	86	30	32	37	5	3258951654088
E165409	PZ 2	86	30	32	42	5	3258951654095



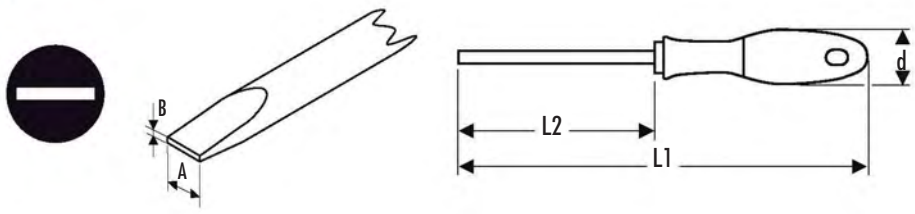
Screwdrivers, keys and bits

WOOD HANDLE SCREWDRIVERS

WOOD HANDLE SCREWDRIVERS FOR SLOTTED HEAD SCREWS

- ISO 2380-1 - ISO 2380-2
- Through tang handle allows screwdriver to be lightly struck to loosen locked screws.
- Hard wood handle, matt varnish.
- Round burnished blade.

	A x L2 x B	L1 (mm)	d (mm)	Weight (g)		EAN
E161001	5,5 x 100 x 1,0	200	22	60	5	3258951610015
E161002	6,5 x 100 x 1,2	200	22	80	5	3258951610022
E161003	8,0 x 150 x 1,2	260	25	130	5	3258951610039
E161004	10 x 200 x 1,6	330	32	220	5	3258951610046



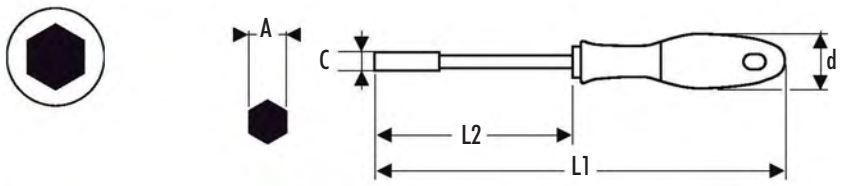
NUT DRIVERS

METRIC NUT DRIVERS

- ISO 2236 - DIN 3125
- Bi-material ergonomic handle for comfort and effective grip.
- Tip colour code: grey.
- Chrome vanadium steel blade.

NEW

	A (mm)	L1 (mm)	L2 (mm)	C (mm)	d (mm)	Weight (g)		EAN
E121501	5	230	125	25	8	78	1	3258951215012
E121502	5,5	230	125	30	8,80	78	1	3258951215029
E121503	6	230	125	35	9,40	80	1	3258951215036
E121504	7	230	125	35	11	100	1	3258951215043
E121505	8	240	125	50	12	125	1	3258951215050
E121506	9	240	125	50	13,30	132	1	3258951215067
E121507	10	240	125	50	14,50	148	1	3258951215074



SET OF HEX NUT SPINNERS

6 PIECE METRIC HEX NUT SPINNER SET

	Content	Weight (g)		EAN
E121428	2x75-2,5x75-3x75-4x75-5x100-6x100mm.	345	1	3258951214282

NEW

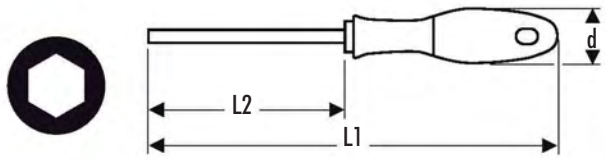
HEXAGONAL NUT SPINNERS

HEX NUT SPINNERS - METRIC

- Bi-material ergonomic handle for comfort and effective grip.
- Tip colour code: grey.
- Chrome vanadium steel blade.

NEW

	A (mm)	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E121422	2	173	75	20	33	1	3258951214220
E121423	2,5	173	75	20	33	1	3258951214237
E121424	3	177	75	27	34	1	3258951214244
E121425	4	180	75	32	62	1	3258951214251
E121426	5	216	100	40	78	1	3258951214268
E121427	6	216	100	40	105	1	3258951214275



KEY SETS

SET OF 7 HEX METRIC WRENCHES

- Folding key set for easy storage and transport.
- Pocket knife style.
- Burnished finish.

	Qty	Content	Weight (g)		EAN
E469262	7	2,5-3-4-5-6-8-10 mm.	250	12	3258954692629

SET OF 8 TORX® KEYS

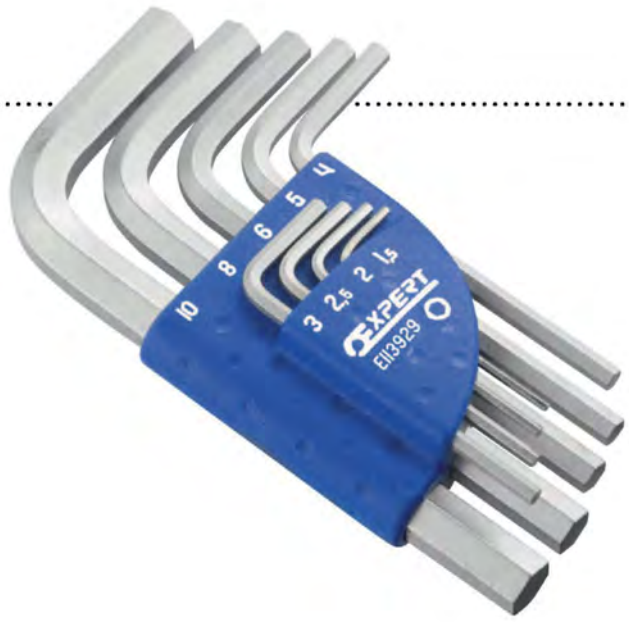
- Folding key set for easy storage and transport.
- Pocket Knife style.
- Burnished finish.

	Qty	Content	Weight (g)		EAN
E469263	8	T9-T10-T15-T20-T25-T27-T30-T40	156	12	3258954692636

KEY SETS

SET OF 9 HEX KEYS - METRIC

- Folding key set for easy storage and transport.
- Zinc-plated chrome steel wrenches.
- Short.



	Qty	Content	Weight (g)		EAN
E113929	9	1,5-2-2,5-3-4-5-6-8-10 mm.	260	1	3258951139295

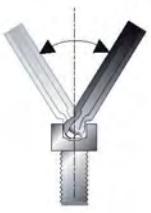
SET OF 9 HEX KEYS - METRIC

- Folding key set for easy storage and transport.
- Zinc-plated chrome steel wrenches.
- Long.

	Qty	Content	Weight (g)		EAN
E113947	9	1,5-2-2,5-3-4-5-6-8-10 mm	350	1	3258951139479

SET OF 9 HEX KEYS - METRIC

- Folding key set for easy storage and transport.
- Zinc-plated chrome steel wrenches.
- Long spherical head.



	Qty	Content	Weight (g)		EAN
E113976	9	1,5-2-2,5-3-4-5-6-8-10 mm	350	1	3258951139769

KEY SETS

SET OF 9 HEX KEYS - INCH

- Folding key set for easy storage and transport.
- Wrenches in zinc-plated chrome vanadium steel.
- Long.

	Qty	Content	Weight (g)		EAN
E121101	9	1/16"-5/64"-3/32"-1/8"-5/32"-3/16"-7/32"-1/4"-3/8"	290	1	3258951211021

SET OF 9 HEX KEYS - INCH

- Folding key set for easy storage and transport.
- Zinc-plated chrome steel wrenches.
- Long spherical head.

	Qty	Content	Weight (g)		EAN
E117816	9	1/16"-5/64"-3/32"-1/8"-5/32"-3/16"-7/32"-1/4"-3/8"	290	1	3258951178164

SET OF 10 HEX KEYS - METRIC

- Economic set.
- Retainer clip for easy storage and transport.
- Finish: black phosphate.

	Qty	Content	Weight (g)		EAN
E069253	10	2-2,5-3-4-5-6-7-8-9-10 mm	310	12	3258950692531

Screwdrivers, keys and bits

KEY SETS

SET OF 7 TORX® KEYS

- Compact and strong case.
- Keys in chrome vanadium steel, black phosphate finish.

	Qty	Content	Weight (g)		EAN
E121102	7	T10-T15-T20-T25-T27-T30-T40	110	1	3258951211021

SET OF RESISTORX® KEYS ON PLASTIC HOLDER

- Compact and strong case.
- Keys in chrome vanadium steel, black phosphate finish.

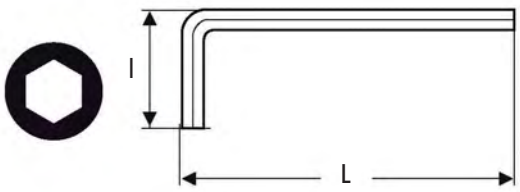
	Qty	Content	Weight (g)		EAN
E121103	7	TT10-TT15-TT20-TT25-TT27-TT30-TT40	110	1	3258951211038

KEYS

SHORT HEX KEYS - METRIC

- ISO 2936 - DIN 911
- Made in chrome vanadium steel for torque strength exceeding current standards.
- Microchamfered angles on end faces for better grip in the screw head.
- Finish: zinc-plated.

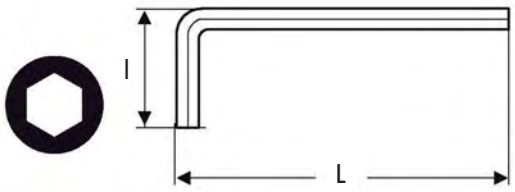
	A (mm)	L (mm)	l (mm)	Weight (g)		EAN
E120101	0,9	41	11	50	10	3258951201015
E113911	1.3	42	14	1	10	3258951139110
E113912	1,5	47	16	1	10	3258951139127
E113913	2	52	18	3	10	3258951139134
E113914	2,5	59	21	3	10	3258951139141
E113915	3	66	23	6	10	3258951139158
E120102	3,5	70	26	7	10	3258951201022
E113916	4	74	29	10	10	3258951139165
E120103	4,5	80	31	13	10	3258951201039
E113917	5	85	33	18	10	3258951139172
E113918	6	96	38	30	10	3258951139189
E113919	7	102	41	43	10	3258951139196
E113920	8	108	44	60	10	3258951139202
E113921	9	114	47	79	10	3258951139219
E113922	10	122	50	104	10	3258951139226
E113923	11	129	53	143	5	3258951139233
E113924	12	137	57	168	5	3258951139240
E113925	13	145	63	212	1	3258951139257
E113926	14	154	70	264	1	3258951139264
E113927	17	177	80	444	1	3258951139271
E113928	19	199	89	555	1	3258951139288



KEYS

LONG HEX KEYS - METRIC

- ISO 2936 - DIN 911
- Made in chrome vanadium steel for torque strength exceeding current standards.
- Microchamfered angles on end faces for better grip in the screw head.
- Finish: zinc-plated.

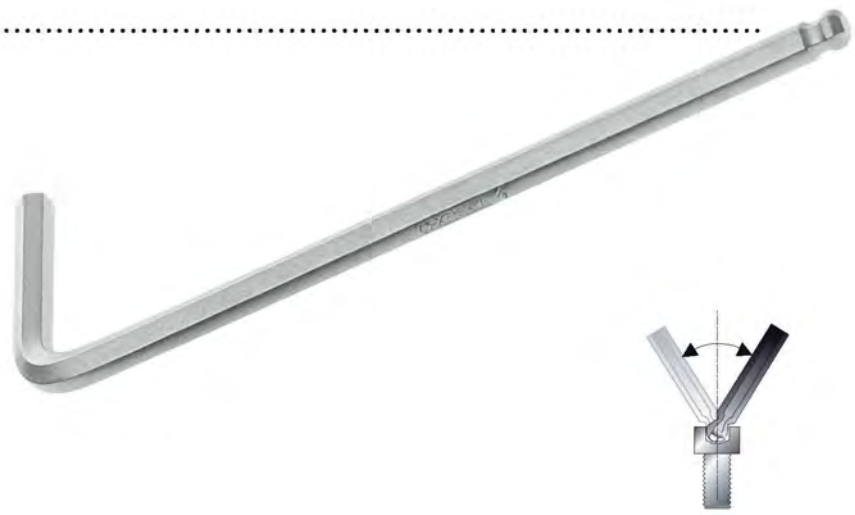


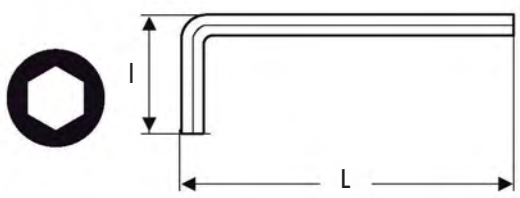
	A (mm)	L (mm)	l (mm)	Weight (g)		EAN	
E113930	1,5	64	16	150	10	3258951139301	
E113931	2	77	18	2	10	3258951139318	
E113932	2,5	88	21	4	10	3258951139325	
E113933	3	93	23	7	10	3258951139332	
E113934	4	104	29	13	10	3258951139349	
E113935	5	120	33	24	10	3258951139356	
E113936	6	141	38	41	10	3258951139363	
E113938	8	158	44	81	10	3258951139387	
E120301	9	169	47	108	10	3258951203019	*
E113939	10	180	50	142	10	3258951139394	
E120302	11	191	53	182	5	3258951203026	*
E120303	12	202	57	218	5	3258951203033	*
E120304	14	229	70	354	1	3258951203040	*
E120305	17	262	80	562	1	3258951203057	*

* NEW

LONG SPHERICAL HEAD HEX KEYS - METRIC

- ISO 2936 - DIN 911
- The spherical head allows for quicker, easier screwing, with increments up to 15°, in confined spaces.
- Finish: zinc-plated.



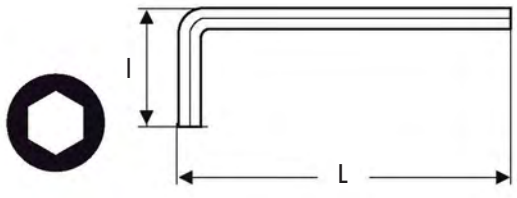


	A (mm)	L (mm)	l (mm)	Weight (g)		EAN
E113964	1,5	64	16	1	10	3258951139646
E113965	2	77	18	2	10	3258951139653
E113966	2,5	88	21	4	10	3258951139660
E113967	3	93	23	8	10	3258951139677
E113968	4	104	29	14	10	3258951139684
E113969	5	120	33	24	10	3258951139691
E113970	6	141	38	36	10	3258951139707
E113972	8	158	44	80	10	3258951139721
E113974	10	180	50	139	10	3258951139745

KEYS

LONG HEX KEYS - INCH

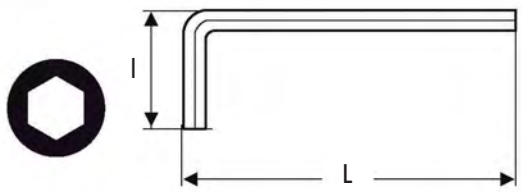
- ISO 2936 - DIN 911
- Made in chrome vanadium steel for torque strength exceeding current standards.
- Microchamfered angles on end faces for better grip in the screw head.
- Finish: zinc-plated.



	A (")	L (mm)	l (mm)	Weight (g)		EAN
E113957	7/32"	141	36	39	10	3258951139578
E113950	5/64"	77	18	3	10	3258951139509
E113955	5/32"	104	29	12	10	3258951139554
E113951	3/32"	87	20	5	10	3258951139516
E113956	3/16"	120	33	20	10	3258951139561
E113960	3/8"	180	48	130	5	3258951139608
E113949	1/16"	64	16	2	10	3258951139493
E113953	1/8"	93	23	8	10	3258951139530
E113958	1/4"	146	38	50	10	3258951139585

LONG SPHERICAL HEAD HEX KEYS - INCH

- ISO 2936 - DIN 911
- The spherical head allows for quicker, easier screwing, with increments up to 15°, in confined spaces.
- Finish: zinc-plated.



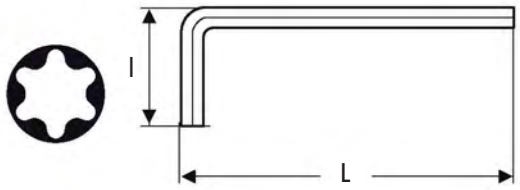
	A (")	L (mm)	l (mm)	Weight (g)		EAN
E120601	1/16"	64	16	2	5	3258951206010
E120602	5/64"	77	18	3	5	3258951206027
E120603	3/32"	87	20	5	5	3258951206034
E120604	1/8"	93	23	8	5	3258951206041
E120605	5/32"	104	29	12	5	3258951206058
E120606	3/16"	120	33	20	5	3258951206065
E120607	7/32"	141	36	39	5	3258951206072
E120608	1/4"	146	38	50	5	3258951206089
E120609	3/8"	180	48	130	5	3258951206096

KEYS

TORX® KEYS

- ACUMENT TMD 702
- Finish: black phosphate.

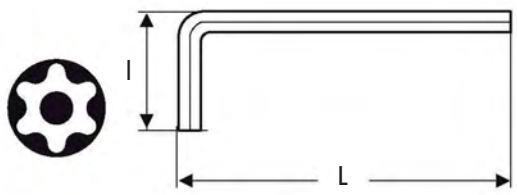
	N°	L (mm)	l (mm)	Weight (g)		EAN
E113994	T10	54	20	4	10	3258951139943
E113995	T15	58	22	5	10	3258951139950
E113996	T20	61	24	7	10	3258951139967
E113997	T25	66	25	9	10	3258951139974
E113998	T27	69	27	15	10	3258951139981
E113999	T30	76	30	20	10	3258951139998
E113854	T40	83	33	29	10	3258951138540



RESISTORX® KEYS

- ACUMENT CID 602
- Finish: black phosphate.

	N°	L (mm)	l (mm)	Weight (g)		EAN
E113858	TT10	54	20	4	10	3258951138588
E113859	TT15	58	22	5	10	3258951138595
E113860	TT20	61	24	7	10	3258951138601
E113861	TT25	66	25	9	10	3258951138618
E120901	TT27	69	27	15	5	3258951209011
E113862	TT30	76	30	20	10	3258951138625
E113863	TT40	83	33	29	10	3258951138632

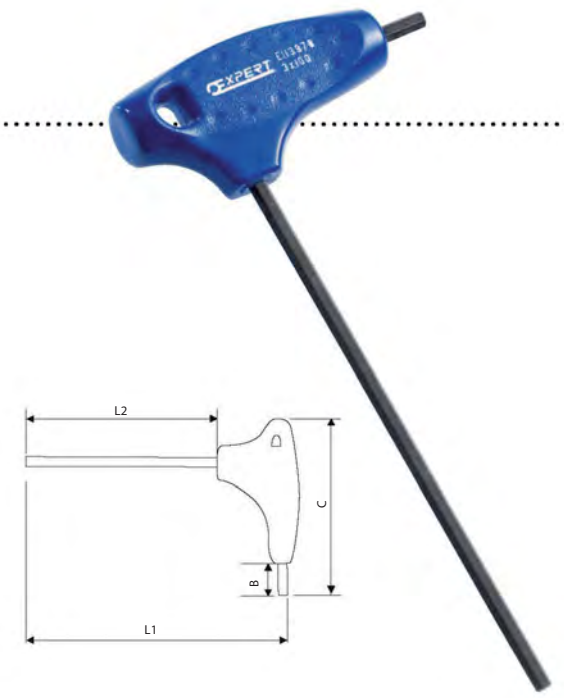


T-HANDLE KEYS

SET OF 7 T-HANDLE HEX KEYS - METRIC

- Hexagon T-handle spinner keys: 2.5-3-4-5-6-8-10 mm.
- Silicon steel.
- Finish: black phosphate.

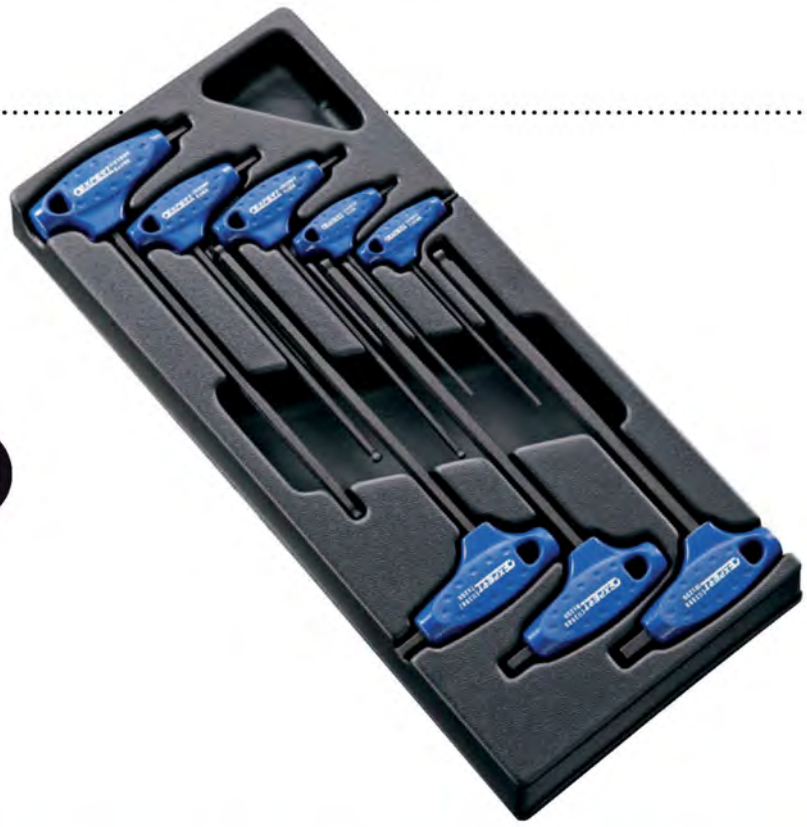
	Qty	Weight (g)		EAN
E121202	7	1000	1	3258951212028



T-HANDLE HEX KEYS

- ISO 2936 - DIN 911
- Ergonomic T-handle allows effective use of either end of wrench.
- Silicon steel.
- Finish: black phosphate.

	A (mm)	L1 (mm)	L2 (mm)	B (mm)	C (mm)	Weight (g)		EAN
E121204	2	127	100	10	52	18	5	3258951212042
E113977	2,5	127	100	10	52	20	5	3258951139776
E113978	3	127	100	10	52	21	5	3258951139783
E113979	4	183	150	11	66	47	5	3258951139790
E113980	5	183	150	12	66	60	5	3258951139806
E113981	6	240	200	12	82	112	5	3258951139813
E113982	8	240	200	14	82	165	5	3258951139820
E113983	10	240	200	16	82	233	5	3258951139837



MODULE OF 8 T-HANDLE HEX KEYS

- 2 6-point T nut spinner: 2.5 - 3 mm.
- 6 spherical head 6-point T keys: 4 - 5 - 6 - 7 - 8 - 10 mm.
- Ergonomic T handle for effective use of the two ends of the wrench.
- Spherical head for an angle up to 15°.
- Silicon steel.
- Finish: black phosphate.
- Empty tray: E121205.

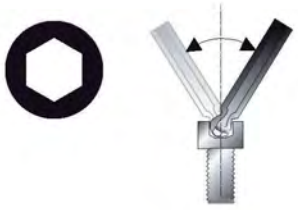
	Qty	Weight (g)		EAN
E121201	8	1094	1	3258951212011

T-HANDLE KEYS

SET OF 6 T-HANDLE HEX KEYS WITH SPHERICAL HEAD - METRIC

- Hexagon T-handle keys with spherical head: 4-5-6-7-8-10 mm.
- Spherical head allowing an angle up to 15°.
- Silicon steel.
- Finish: black phosphate.

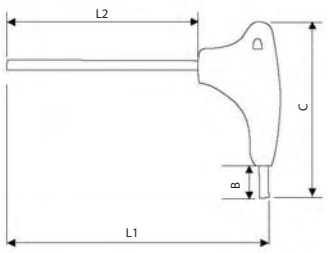
	Qty	Weight (g)		EAN
E121203	6	755	1	3258951212035

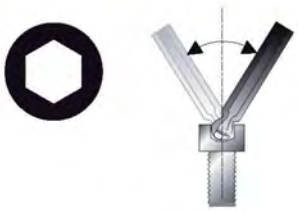


T-HANDLE HEX KEYS WITH SPHERICAL HEAD

- ISO 2936 - DIN 911
- Ergonomic T-handle allows effective use of either end of wrench.
- Spherical head allowing an angle up to 15°.
- Silicon steel.
- Finish: black phosphate.

	A (mm)	L1 (mm)	L2 (mm)	B (mm)	C (mm)	Weight (g)		EAN
E113984	4	183	150	11	66	47	5	3258951139844
E113985	5	183	150	12	66	60	5	3258951139851
E113986	6	240	200	12	82	112	5	3258951139868
E113987	7	240	200	13	82	137	5	3258951139875
E113988	8	240	200	14	82	165	5	3258951139882
E113989	10	240	200	16	82	233	5	3258951139899





T-HANDLE KEYS

SET OF 7 T-HANDLE TORX® KEYS

- Torx® T-handle spinner keys: T10-T15-T20-T25-T27-T30-T40.

	Qty	Weight (g)		EAN
E121301	7	355	1	3258951213018

MODULE OF 7 T-HANDLE TORX® KEYS

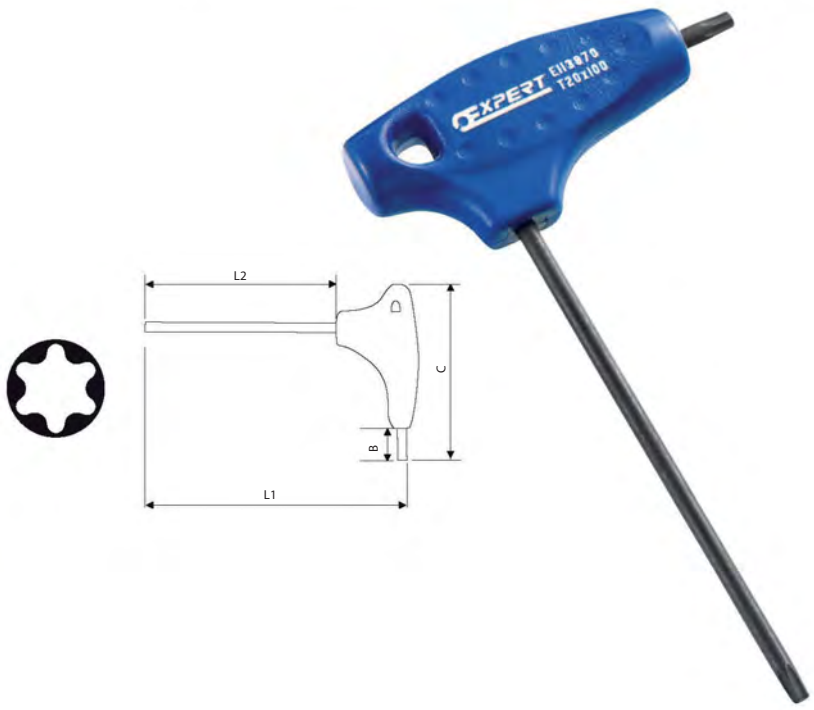
- Torx® T-handle spinner keys: T10-T15-T20-T25-T27-T30-T40.
- Empty module: E121214.

	Qty	Weight (g)		EAN
E121213	7	547	1	3258951212134

NEW

T-HANDLE TORX® KEYS

- ACUMENT TMD 702
- Ergonomic T-handle allows effective use of either end of wrench.
- Silicon steel.
- Finish: black phosphate.



	N°	L1 (mm)	L2 (mm)	B (mm)	C (mm)	Weight (g)		EAN
E113868	T10	126	100	10	52	18	5	3258951138687
E113869	T15	126	100	10	52	25	5	3258951138694
E113870	T20	133	100	11	66	35	5	3258951138700
E113871	T25	133	100	12	66	50	5	3258951138717
E113872	T27	133	100	12	66	55	5	3258951138724
E113873	T30	191	150	12	82	60	5	3258951138731
E113874	T40	191	150	14	82	112	5	3258951138748

BITS

74 PIECE SCREWDRIVER MODULE

- 49-piece box of bits and accessories:
- Slotted head bits: 4-4.5-5.5-6.5x2-8 mm.
- Phillips® bits: PH1x2-PH2x3-PH3.
- Pozidriv® bits: PZ1x2-PZ2x3-PZ3x2.
- Torx® bits: T10x2-T15x2-T20x2-T25x2-T30x2.
- ResisTorx® bits: TT10-TT15x2-TT20x2-TT25x2-TT30x2-TT40.
- Hex bits: 2-3x2-4x2-5x2-6x2 mm.
- Magnetic bit holder with locking ring.
- Revolver ratchet bit driver + 7 bits: slotted head: 4-5,5-6 mm, Phillips®: PH1-PH2, Pozidriv®: PZ1-PZ2.
- Set of 9 metric hex keys in sleeve: 1.5-2-2.5-3-4-5-6-8-10 mm.
- Set of 7 Torx® keys in sleeve: T10-T15-T20-T25-T27-T30-T40 mm.
- 1/4" bit adaptor for 1/4" sockets.
- Empty module: E121106.

	Qty	Weight (g)	EAN
E121105	5	1392	3258951211052

NEW

1/4" BIT SET - 49 PIECES

- Slotted-head bits: 4 - 4.5 - 5.5 - 6.5x2 - 8 mm.
- Phillips® bits: PH1x2 - PH2x3 - PH3.
- Pozidriv® bits: PZ1x2 - PZ2x3 - PZ3x2.
- Torx® bits: T10x2 - T15x2 - T20x2 - T25x2 - T30x2.
- ResisTorx® bits: T10 - T15x2 - T20x2 - T25x2 - T30x2 - T40.
- Hex bits: 2 - 3x2 - 4x2 - 5x2 - 6x2 mm.
- Magnetic bit holder with locking ring.

	Qty	Weight (g)		EAN
E131701	49	392	10	3258951317013

Screwdrivers, keys and bits

BITS

1/4" BIT AND SOCKET SET - 39 PIECES

- Slotted head bits: 4 - 5.5 - 6.5 - 8 mm.
- Phillips® bits: PH1 - PH2x2 - PH3.
- Pozidriv® bits: PZ1 - PZ2 - PZ3.
- Torx® bits: T8 - T10 - T15 - T20 - T25 - T30 - T40.
- ResisTorx® bits: TT10 - TT15 - TT20 - TT25 - TT27 - TT30 - TT40.
- Hex bits: 3 - 4 - 5 - 6 mm.
- Magnetic bit holder with locking ring.
- 6-point sockets: 6 - 7 - 8 - 10 - 11 - 12 - 13 mm.
- Socket adapter.
- Mini ratchet.

	Qty	Weight (g)		EAN
E131705	39	445	10	3258951317051

1/4" BIT SET - 32 PIECES

- Slotted-head bits: 4 - 5.5 - 6.5 - 8 mm.
- Phillips® bits: PH1 - PH2 - PH3.
- Pozidriv® bits: PZ1 - PZ2 - PZ3.
- Torx® bits: T8 - T10 - T15 - T20x2 - T25x2 - T30 - T40.
- ResisTorx® bits: TT10 - TT15 - TT20 - TT25 - TT27 - TT30 - TT40.
- Hex bits: 3 - 4 - 5 - 6 mm.
- Mini ratchet.
- Magnetic bit holder with locking ring.

	Qty	Weight (g)		EAN
E131702	32	367	10	3258951317020

SET OF 1/4" BITS - 19 PIECES

- Slotted bits: 4 - 4.5 - 5.5 mm.
- Phillips® bits: PH1 - PH2.
- Pozidriv® bits: PZ1 - PZ2 - PZ3.
- Torx® bits: T10 - T15 - T20 - T25 - T30 - T40.
- Hex bits: 3 - 4 - 5 - 6 mm.
- Magnetic bit holders.

	Qty	Weight (g)		EAN
E113901	19	188	20	3258951139011

BITS

1/4" - 25 MM SLOTTED BITS

- ISO 1173 - ISO 2380-1 - ISO 2351-1

	A (mm)	Qty	Weight (g)		EAN
E130101	4	6	42	20	3258951301012
E130102	4,5	6	42	20	3258951301029
E130103	5,5	6	46	20	3258951301036
E130104	6,5	6	46	20	3258951301043
E130105	8	6	63	20	3258951301050

1/4" - 25 MM PHILLIPS® TORSION BITS

- ISO 1173 - ISO 8764-1 - ISO 2351-2

	N°	Qty	Weight (g)		EAN
E113685	PH 1	6	42	20	3258951136850
E113686	PH 2	6	46	20	3258951136867
E113687	PH 3	6	50	20	3258951136874

1/4" - 25 MM PHILLIPS® TORSION BITS

- ISO 1173 - ISO 8764-1 - ISO 2351-2

	N°	Qty	Weight (g)		EAN
E113631	PZ 1	6	42	20	3258951136317
E113632	PZ 2	6	46	20	3258951136324
E113633	PZ 3	6	50	20	3258951136331

1/4" - 25 MM HEX BITS

- ISO 1173 - ISO 2936 - ISO 2351-3

	A (mm)	Qty	Weight (g)		EAN
E113650	2	6	50	20	3258951136508
E113651	2,5	6	54	20	3258951136515
E113652	3	6	54	20	3258951136522
E117768	4	6	54	20	3258951177686
E113654	5	6	54	20	3258951136546
E113655	6	6	63	20	3258951136553
E113656	7	6	75	20	3258951136560
E113657	8	6	75	20	3258951136577
E113658	10	6	88	20	3258951136584

BITS

1/4" - 25 MM TORX® BITS

- ISO 1173

	N°	Qty	Weight (g)		EAN
E117771	T6	3	33	20	3258951177716
E117772	T7	3	33	20	3258951177723
E117773	T8	3	38	20	3258951177730
E117774	T9	3	38	20	3258951177747
E117775	T10	3	38	20	3258951177754
E117776	T15	3	38	20	3258951177761
E117777	T20	3	38	20	3258951177778
E117778	T25	3	38	20	3258951177785
E117779	T30	3	38	20	3258951177792
E117780	T40	3	42	20	3258951177808

1/4" - 25 MM RESISTORX® BITS

- ISO 1173

	N°	Qty	Weight (g)		EAN
E117781	TT10	3	38	20	3258951177815
E117782	TT15	3	38	20	3258951177822
E117783	TT20	3	38	20	3258951177839
E117784	TT25	3	38	20	3258951177846
E117785	TT27	3	38	20	3258951177853
E117786	TT30	3	38	20	3258951177860
E117787	TT40	3	38	20	3258951177877

1/4" - 50 MM PHILLIPS® BITS

- ISO 1173 - ISO 8764-1 - ISO 2351-2

	N°	Qty	Weight (g)		EAN
E113691	PH 1	6	70	20	3258951136911
E113692	PH 2	6	76	20	3258951136928
E113693	PH 3	6	82	20	3258951136935

1/4" - 50 MM POZIDRIV® BITS

- ISO 1173 - ISO 8764-1 - ISO 2351-2

	N°	Qty	Weight (g)		EAN
E113637	PZ 1	6	70	20	3258951136379
E113638	PZ 2	6	76	20	3258951136386
E113639	PZ 3	6	82	20	3258951136393

BITS

1/4" - 50 MM HEX BITS

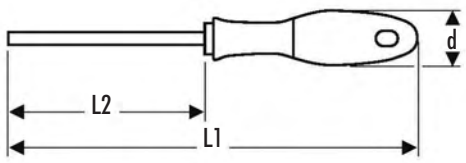
- ISO 1173 - ISO 2936 - ISO 2351-3

	A (mm)	Qty	Weight (g)		EAN
E113659	3	6	70	20	3258951136591
E113660	4	6	76	20	3258951136607
E113661	5	6	82	20	3258951136614
E113662	6	6	88	20	3258951136621

1/4" BIT HOLDER DRIVER

- ISO 1173 - DIN 3126
- Handle cast directly onto the blade for extreme reliability and durability.
- Non-slip soft grip handle.

	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165490	230	125	32	130	5	3258951654903



1/4" MINI RATCHET BIT HOLDER DRIVER

- ISO 1173
- Reverse lever.

	L (mm)	Weight (g)		EAN
E131601	91	54	20	3258951316016

BITS

MINI RATCHET BIT HOLDER DRIVER

- Delivered with 1 3-bit holder:
- Slotted head: 5.5 mm.
- Phillips® : PH2.
- Pozidriv® : PZ2.

	Weight (g)		EAN
E160803	170	10	3258951608036

RATCHET BIT DRIVER

- Cartridge style bit holder.
- Complete with: Slotted head: 4-5.5-6 mm, Phillips®: PH1-PH2, Pozidriv®: PZ1-PZ2.

	Weight (g)		EAN
E160801	300	10	3258951608012

REVOLVER RATCHET BIT DRIVER

- Revolver ratchet screwdriver with bit holder.
- Cartridge style bit holder.
- 2 position handle. Traditional and revolver to allow application of extra torque if required.
- Supplied with: Slotted head: 4-5.5-6 mm, Phillips®: PH1-PH2, Pozidriv®: PZ1-PZ2.

	Weight (g)		EAN
E160802	320	10	3258951608029

BITS

1/4" BIT HOLDER LOCKING DRIVER

- ISO 1173

	L (mm)	Weight (g)		EAN
E168733	60	28	20	3258951687338

1/4" MAGNETIC BIT HOLDER

- ISO 1173

	L (mm)	Weight (g)		EAN
E113648	60	22	20	3258951136485

1/4" SOCKET HOLDER

- ISO 1173 - ISO 1174-1

	L (mm)	Weight (g)		EAN
E113649	50	29	24	3258951136492

HEX MAGNETIC NUT SOCKET

- ISO 1173 - ISO 691 - ISO 1711-1
- Screw held by magnet.

	A (mm)	L (mm)	Weight (g)		EAN
E113643	7	65	45	24	3258951136430
E113644	8	65	45	24	3258951136447
E113645	9	65	45	24	3258951136454
E113646	10	65	51	24	3258951136461

PRECISION
Accuracy +/- 4%.
STRENGTH
Proven strength.
RELEASE
Touch and sound signals on reaching preset torque.
AUTOMATIC
Automatic reset.
COMPLIANT
Compliant with ISO 6789.

TORQUE CONTROL

Torque wrenches 122

Torque multipliers 123

TORQUE WRENCHES

- ISO 6789
- Accuracy +/- 4%.
- Proven strength.
- Touch and sound signals on reaching preset torque.
- Automatic reset.

	Square	N.m	L (mm)	B (mm)	Weight (g)		EAN
E113568	1/4"	5 - 25	330	28	680	1	3258951135686
E113565	3/8"	10 - 50	330	28	680	1	3258951135655
E113105	1/2"	20 - 110	410	62	1250	1	3258951131053
E113571	1/2"	40 - 210	510	36,50	1460	1	3258951135716
E113572	1/2"	70 - 350	630	36,50	1790	1	3258951135723
E113100	3/4"	140 - 770	1040	36,50	4100	1	3258951131008

TORQUE MULTIPLIERS

TORQUE MULTIPLIERS

- Powerful tightening and untightening.
- Breakaway safety adaptor.
- A straight reaction arm.
- Reaction arm at 90°.

	Square	N.m	Weight (g)		EAN
E100103	1/2" x 3/4"	1500	6200	1	3258951001035
E100104	1/2" x 1"	2500	8600	1	3258951001042

BREAKAWAY SAFETY ADAPTER

- Protects the torque mulitplier from over-torque.
- E100204: fuse socket 2500 NM.
- E100203: fuse socket 1500 NM.

NEW

	N.m	Weight (g)		EAN
E100204	2500	70	1	3258951002049
E100203	1500	70	1	3258951002032

ENGINEERS CUTTING PLIERS - HEAVY DUTY CUTTING PLIERS
Designed to offer perfect versatility whatever the cutting load.

CUTTING EDGES
Cutting edges designed to guarantee best performance on soft wire (Copper) and semi-hard and hard wire (Stainless steel, spring).

HANDLE
Ergonomic Expert handle for comfortable use during highly repetitive cutting.

PLIERS

Set of mechanical engineers pliers 126

Multigrip pliers 127

Combination pliers 128

Cutting pliers 128

Cripping pliers 129

Circlips® pliers 130

Lock-grip pliers 132

End nippers 133

Insulated pliers and electronic engineer pliers

Refer to Electricity-Electronics p 158.

SET OF MECHANICAL ENGINEERS PLIERS

4 PIECE MECHANICAL ENGINEERS PLIERS SET

- Contains:
- 1 pair of combination: E189867.
- 1 pair of engineers cutting pliers: E189860.
- 1 pair of straight half-round nose pliers: E189870.
- 1 pair of twin slip-joint multi-grip pliers: E084648.

	Qty	Weight (g)	EAN
E080805	4	985	3258950808055

NEW

3 PIECE MECHANICAL ENGINEERS PLIERS SET

- Contains:
- 1 pair of combination pliers: E189867.
- 1 pair of engineers cutting pliers: E189860.
- 1 pair of straight half-round nose pliers: E189870.

	Qty	Weight (g)	EAN
E080804	3	730	3258950808048

NEW

MECHANIC'S PLIER MODULES

MODULE OF 4 MECHANICS PLIERS

- Thermoformed tray.
- Contains:
- Diagonal cutting pliers: E189860.
- Universal pliers: E189867.
- 1 wire stripper: E189673.
- Straight 1/2 round nose pliers: E189870.
- Empty tray: E010502.

	Qty	Weight (g)		EAN
E194945	4	1246	1	3258951949450

MECHANICAL GRIP PLIERS

MODULE OF 2 MULTIGRIP / LOCK-GRIP PLIERS

- Thermoformed tray.
- Module E080801 contains:
- Multiple grip pliers: E184690.
- Lock-grip pliers: E184199.
- Empty tray: E010504.
- Module 194944 contains:
- Twin slip-joint multigrip pliers: E084648.
- short nose single adjust lock grip pliers: E084809.
- Empty tray: E010504.

	Qty	Weight (g)		EAN
E080801	2	1370	1	3258950808017
E194944	2	1264	1	3258951949443

MULTIGRIP PLIERS

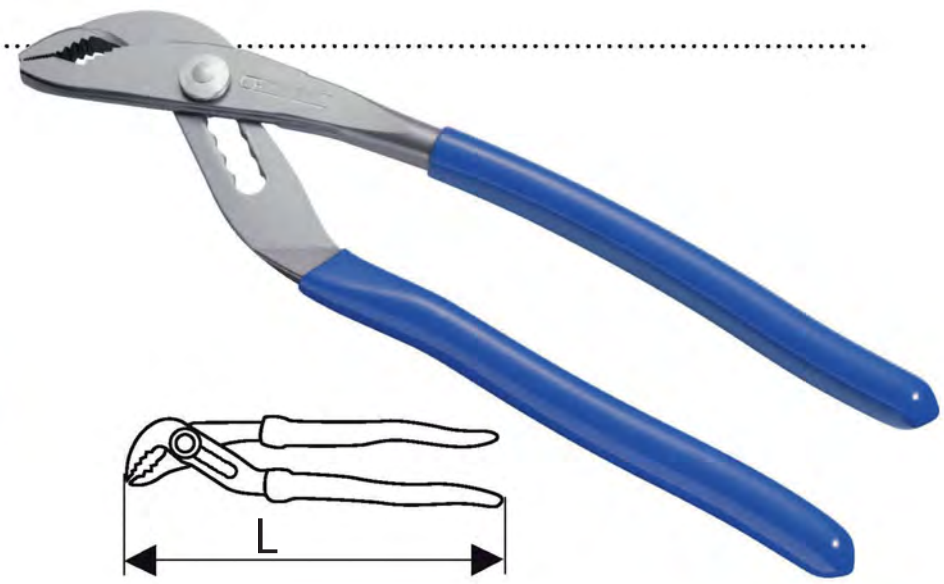
TWIN SLIP-JOINT MULTIGRIP PLIERS 250 MM

- ISO 8976
- Multi positions.
- Pushlock button (patented).
- Ergonomic bi-material handle.
- Finish: black chromium.
- 17 positions.

	L (mm)	Jaw depth (mm)	Weight (g)		EAN
E084648	260	316	254	5	3258950846484
E084649	311	695	304	5	3258950846491

STACKED MULTIGRIP PLIERS - 240 MM

- ISO 8976
- Spatula branches.
- Blue PVC sheathed handles.
- Finish: shot blasted varnished.



	L (mm)	Jaw depth (mm)	Weight (g)		EAN
E184690	240	325	310	10	3258951846902

Pliers

COMBINATION PLIERS

- ISO 5746
- Designed to cover all gripping and cutting applications.
- Cutting edges designed to cut all types of wires (Soft, semi-hard, hard wires).
- Ergonomic Expert handle for comfortable use during highly repetitive cutting.

	L (mm)	Weight (g)	EAN
E189866	160	230	3258951898666
E189867	180	290	3258951898673
E189868	200	380	3258951898680

CUTTING PLIERS

ENGINEERS CUTTING PLIERS

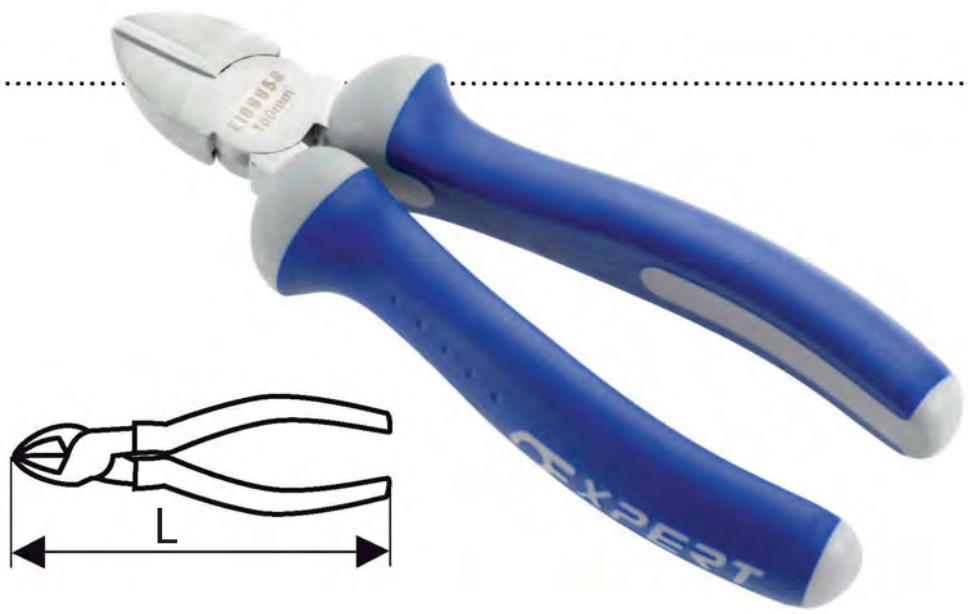
- ISO 5749
- Designed to offer perfect versatility whatever the cutting load.
- Cutting edges designed to guarantee best performance on soft wire (Copper), semi-hard and hard wire (Stainless steel, spring).
- Ergonomic handle for comfortable use during highly repetitive cutting.

	L (mm)	Weight (g)	EAN
E189860	160	190	3258951898604
E080202	180	270	3258950802022
E189861	200	300	3258951898611

ELECTRICIANS CUTTING PLIERS

- ISO 5749
- Electrician model designed specifically to offer perfect access in confined spaces.
- Cutting edges designed to guarantee best performance on soft (copper) and semi-hard wire.
- Ergonomic handle for comfortable use during highly repetitive cutting.

	L (mm)	Weight (g)	EAN
E080201	140	180	3258950802015
E189858	160	230	3258951898581
E189859	180	290	3258951898598



CUTTING PLIERS

FRONT CUTTING PLIERS - 160 MM

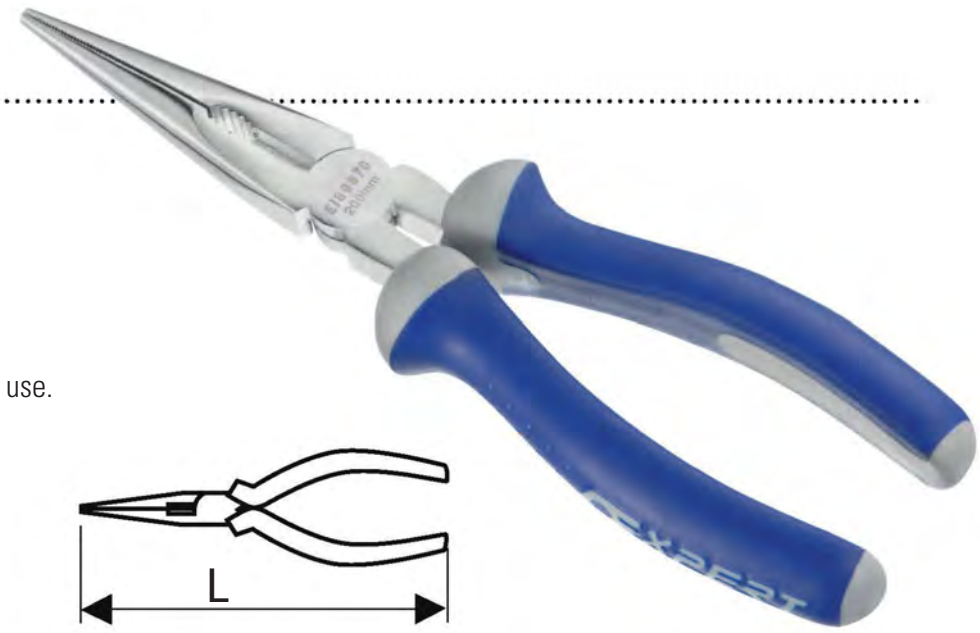
- ISO 5748
- Cutting edge design ensuring neat cutting on hard and semi-hard wire.
- Minimum cutting effort thanks to a longer lever arm.
- Ergonomic handle for enhanced comfort in highly repetitive cutting.

	L (mm)	Weight (g)	EAN
E189875	160	280	3258951898758

HALF-ROUND NOSE PLIERS

STRAIGHT LONG NOSE PLIERS

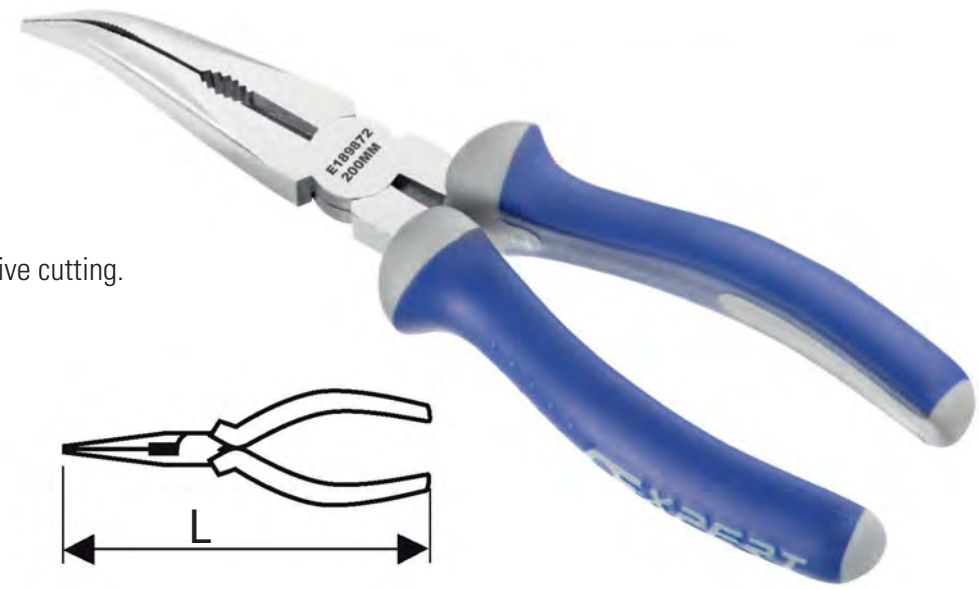
- ISO 5745
- Slim nose ensuring optimum access when used in a confined environment (electric cabinets).
- Finely serrated noses with a side wire-cutter.
- Ergonomic handle for better comfort in long and repetitive use.



	L (mm)	Weight (g)	EAN
E189869	160	160	3258951898697
E189870	200	250	3258951898703

1/2 ROUND NOSE - 40° ELBOWED PLIERS

- ISO 5745
- Thin nose ensuring optimum acces when used in confined environments (electric cabinets).
- Thin serrated nose with lateral wire cutter.
- Ergonomic handle for comfortable use during highly repetitive cutting.



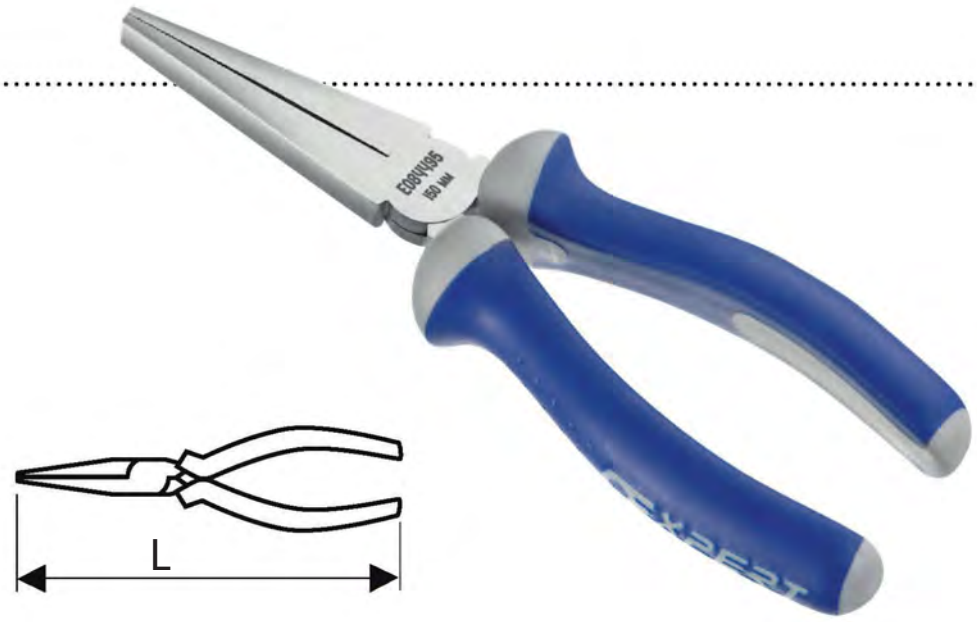
	L (mm)	Weight (g)	EAN
E189871	160	150	3258951898710
E189872	200	260	3258951898727

GRIPPING PLIERS

FLAT PLIERS - STRAIGHT NOSE - 160 MM

- ISO 5745
- Slightly serrated nose for perfect grip.
- Ergonomic handle for higher comfort.

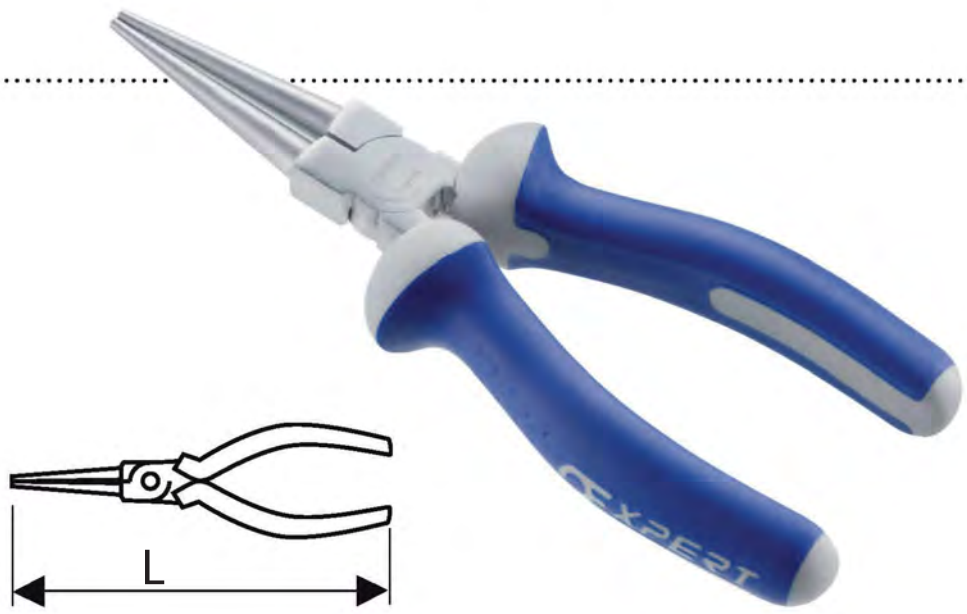
	L (mm)	Weight (g)	EAN
E084495	160	160	3258950844954



ROUND-NOSE PLIERS 160 MM

- ISO 5745
- Ideal for making loops, bends or hoops.
- Ergonomic handle for higher comfort.

	L (mm)	Weight (g)	EAN
E084496	160	156	3258950844961



CIRCLIPS® PLIERS

MODULE OF 4 CIRCLIPS® PLIERS

- Thermoformed tray.
- Contains:
- Straight inside pliers: E117914.
- Inside 90° pliers: E117922.
- Straight inside pliers: E117910.
- 90° outside pliers: E177918.
- Empty tray: E010503.

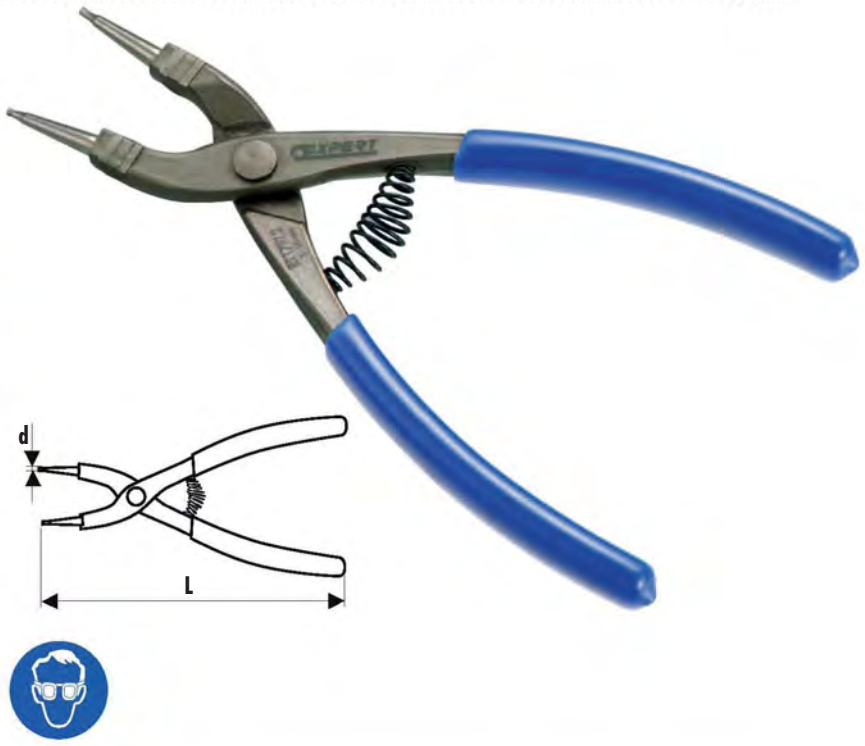
	Qty	Weight (g)		EAN
E194943	4	1052	1	3258951949436

CIRCLIPS® PLIERS

STRAIGHT INSIDE NOSE CIRCLIPS® PLIERS

- DIN 5256 - NF E 73-130
- Noses machined for perfect Circlips® positioning.
- Blue PVC sheathed handles.

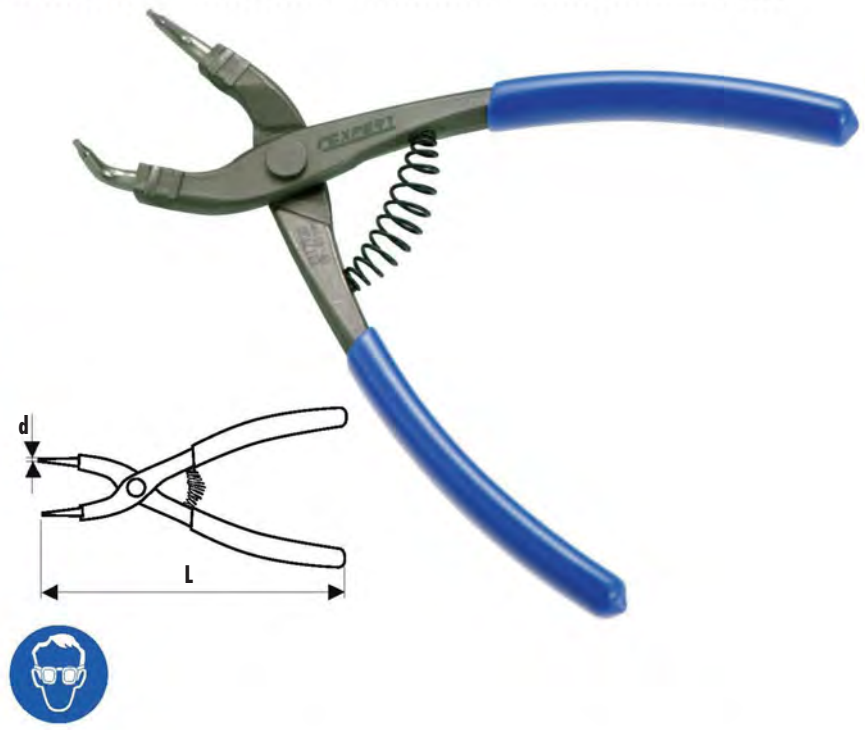
	L (mm)	d (mm)	Circlips® mini-maxi mm	Weight (g)		EAN
E117912	140	0,90	3-10	120	10	3258951179123
E117913	145	1,30	10-25	120	10	3258951179130
E117914	185	1,80	19-60	190	10	3258951179147
E117915	215	2,30	40-100	290	10	3258951179154



INSIDE 90° NOSE CIRCLIPS® PLIERS

- DIN 5256 - NF E 73-130
- Noses machined for perfect Circlips® positioning.
- Blue PVC sheathed handles.

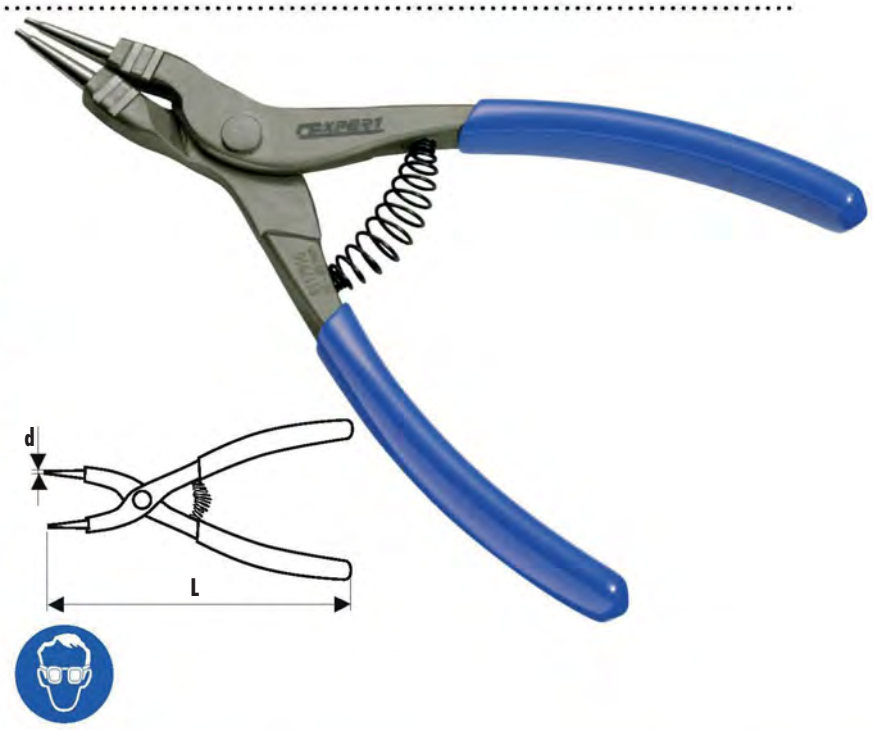
	L (mm)	d (mm)	Circlips® mini-maxi mm	Weight (g)		EAN
E117920	130	0,90	3-10	120	10	3258951179208
E117921	130	1,30	10-25	120	10	3258951179215
E117922	170	1,80	19-60	190	10	3258951179222
E117923	275	2,30	40-100	290	10	3258951179239



STRAIGHT OUTSIDE NOSE CIRCLIPS® PLIERS

- DIN 5256 - NF E 73-130
- Noses machined for perfect Circlips® positioning.
- Blue PVC sheathed handles.

	L (mm)	d (mm)	Circlips® mini-maxi mm	Weight (g)		EAN
E117908	150	0,90	3-10	120	10	3258951179086
E117909	150	1,30	10-25	120	10	3258951179093
E117910	180	1,80	19-60	190	10	3258951179109
E117911	180	2,30	40-100	280	10	3258951179116

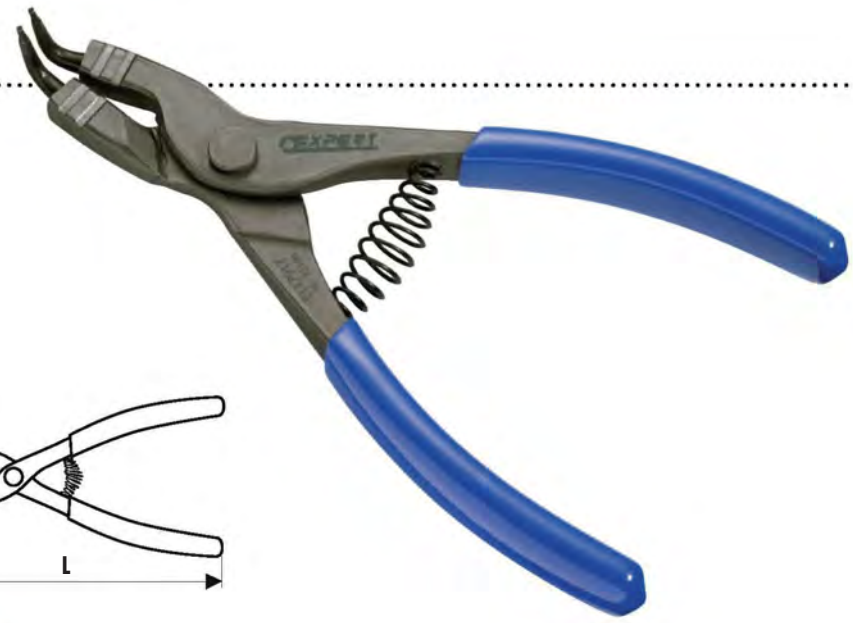


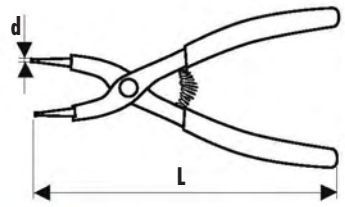
CIRCLIPS® PLIERS

OUTSIDE 90° NOSE CIRCLIPS® PLIERS

- DIN 5256 - NF E 73-130
- Noses machined for perfect Circlips® positioning.
- Blue PVC sheathed handles.

	L (mm)	d (mm)	Circlips® mini-maxi mm	Weight (g)		EAN
E117916	140	0,90	3-10	110	10	3258951179161
E117917	140	1,30	10-25	120	10	3258951179178
E117918	170	1,80	19-60	190	10	3258951179185
E117919	200	2,30	40-100	280	10	3258951179192



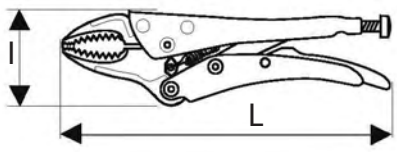


LOCK-GRIP PLIERS

SHORT NOSE SINGLE ADJUST LOCK-GRIP PLIERS

- Anti-corrosion chrome-plated body.
- Precision machined grips.
- Teeth along entire jaw.
- Tightening strength adjustable by knob.
- Release lever.

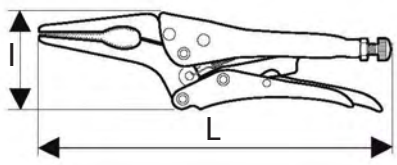
	L (mm)	l (mm)	Jaw depth (mm)	Weight (g)		EAN
E084807	140	47	23	205	5	3258950848075
E084808	190	60	34	415	5	3258950848082
E084809	250	75	50	659	5	3258950848099



LONG NOSE SINGLE ADJUST LOCK-GRIP PLIERS

- Long nose lock grip pliers for better and ideal access in more delicate work.
- Anti-corrosion chrome plated body.
- Precision machined grips. Teeth along entire jaw.
- Tightening strength adjustable by knob.
- Release lever.

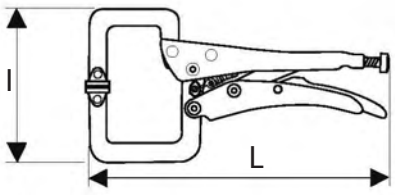
	L (mm)	l (mm)	Jaw depth (mm)	Weight (g)		EAN
E084812	170	47	51	227	5	3258950848129
E084813	235	56	66	450	5	3258950848136



LOCK-GRIP PLIERS

LONG REACH LOCK-GRIP PLIERS

- C shape lock-grip pliers.
- Special forged steel grips guaranteeing perfect support of profiles, U bracket and angle pieces.
- Chrome-plated anti-corrosion body.
- Precision machined grips.
- Tightening power adjustable by knob.
- Release lever.

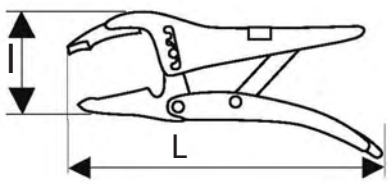


	L (mm)	l (mm)	Jaw depth (mm)	Jaw height (mm)	Weight (g)		EAN
E084815	170	88	37	58	265	5	3258950848150
E084816	290	150	65	100	890	5	3258950848167

HEAVY DUTY LOCK-GRIP PLIERS

- Lock grip pliers - ideal for high grip capacity on round / square and angled pieces.
- Notch button - 4 positions.
- Chrome anti-corrosion body.
- Precision machined grips.
- Release lever with PVC tab for better comfort.

	L (mm)	l (mm)	Jaw depth (mm)	Jaw height (mm)	Weight (g)	EAN
E184199	250	100	73	80	765	3258951841990

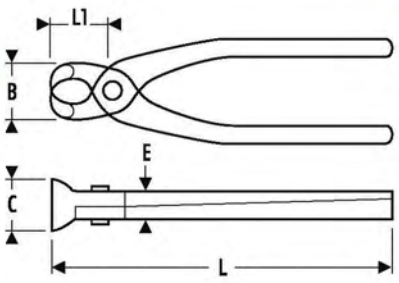


END NIPPERS

HEAVY DUTY SHEARS

- ISO 9242
- Semi round rigid branch for easy handling.
- "HF" treated cutting edges for longer lifetime and enhanced cutting performance.
- Max cutting capacity: 4.5 mm for soft wire and hard wire 160 kg/mm².
- Burnished finish with polished head.

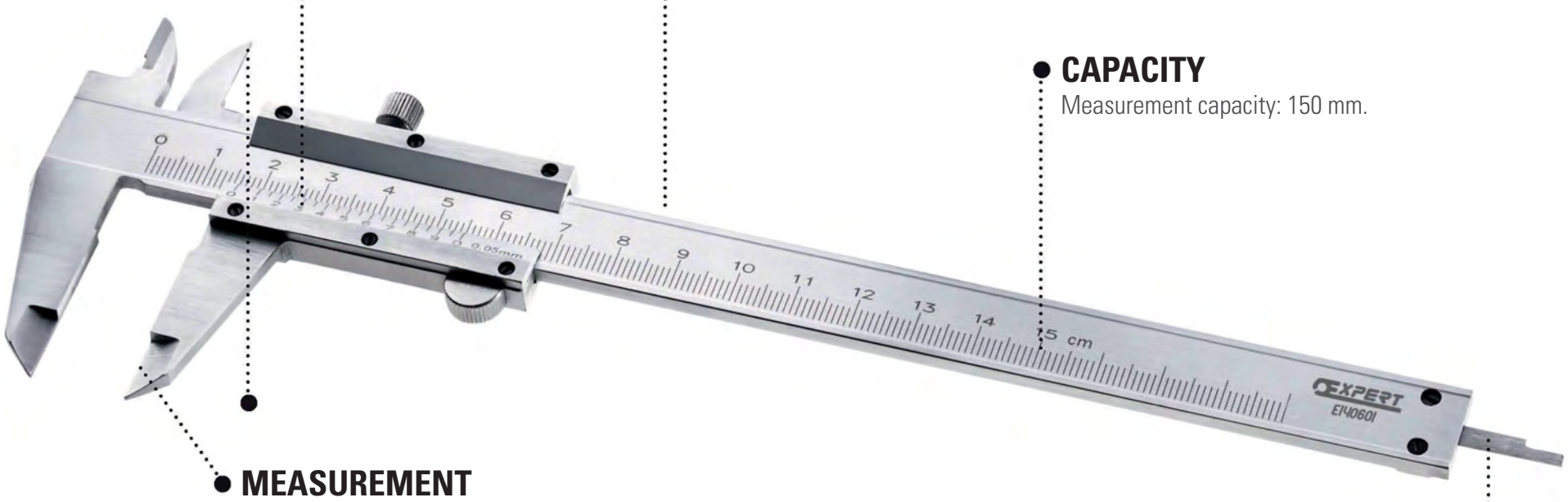
	B (mm)	C (mm)	E (mm)	L (mm)	L1 (mm)	Weight (g)		EAN
E184179	28	12	20	200	10	265	10	3258951841792
E184302	31	13	23	220	10,50	325	10	3258951843024
E184181	35	14	25	250	12	425	10	3258951841815
E184182	35	14	25	280	12	495	10	3258951841822



COMPLIANCE CERTIFICATE
Supplied in protection cover with compliance certificate.

ACCURACY
Accuracy 1/20th - 0.05 mm.

CAPACITY
Measurement capacity: 150 mm.



MEASUREMENT
Interior, exterior and depth measurement.

MEASURING, SCRIBING

Metal sheet set 136

Caliper 136

Rule 136

Steel Scribers 137

METAL SHEET SET

- Thermoformed tray.
- Contains:
- 1 pair of riveting pliers 270 mm: E169804.
- Caliper 1/20 mm: E140601.
- 1 rule 200 mm: E140801.
- 1 automatic punch Ø 7 mm: E150504.
- 1 steel scriber 210 mm: E003601.
- 1 straight cut aviation shears: E214563.
- Empty tray: E142402.

	Qty	Weight (g)	EAN
E142401	6	1513	3258951424018

CALIPER

UNIVERSAL SLIDE RULE 1/20TH - 0.05 MM DIN 862

- Accuracy 1/20th - 0.05 mm.
- Measurement capacity: 150 mm.
- Interior, exterior and depth measurement.
- Supplied in protection cover with compliance certificate.

	L (mm)	Weight (g)		EAN
E140601	235	185	10	3258951406014

RULE

FLEXIBLE RULE - 200 MM

- Engraved on both sides.
- mm and 1/2mm on each side.

	L (mm)	Weight (g)		EAN
E140801	217	12	10	3258951408018

STEEL SCRIBERS

CARBIDE PEN SCRIBER - 150 MM

- Carbide pen scriber.
- Hex body with fastener.
- Resharpenable tip.
- Diameter 2.5 mm.

	L (mm)	Weight (g)		EAN
E140902	150	35	10	3258951409022

STEEL SCRIBERS - 210 MM

- Tip diameter: 0.4 mm.
- Body diameter: 8 mm.

	L (mm)	Weight (g)		EAN
E003601	210	20	10	3258950036014

HEAD
Head hardness 50-58 HRC.
HANDLE
Hickory handle.
CONNECTED
Head and handle sealed
with epoxy resin.

HAMMERS, CHISELS, PUNCHES

Modules 140

Hammers 140

Canted head hammers 142

Dead-blow hammers 142

Mallets 143

Impact tools 144

Hammers, Chisels, Punch

IMPACT TOOLS

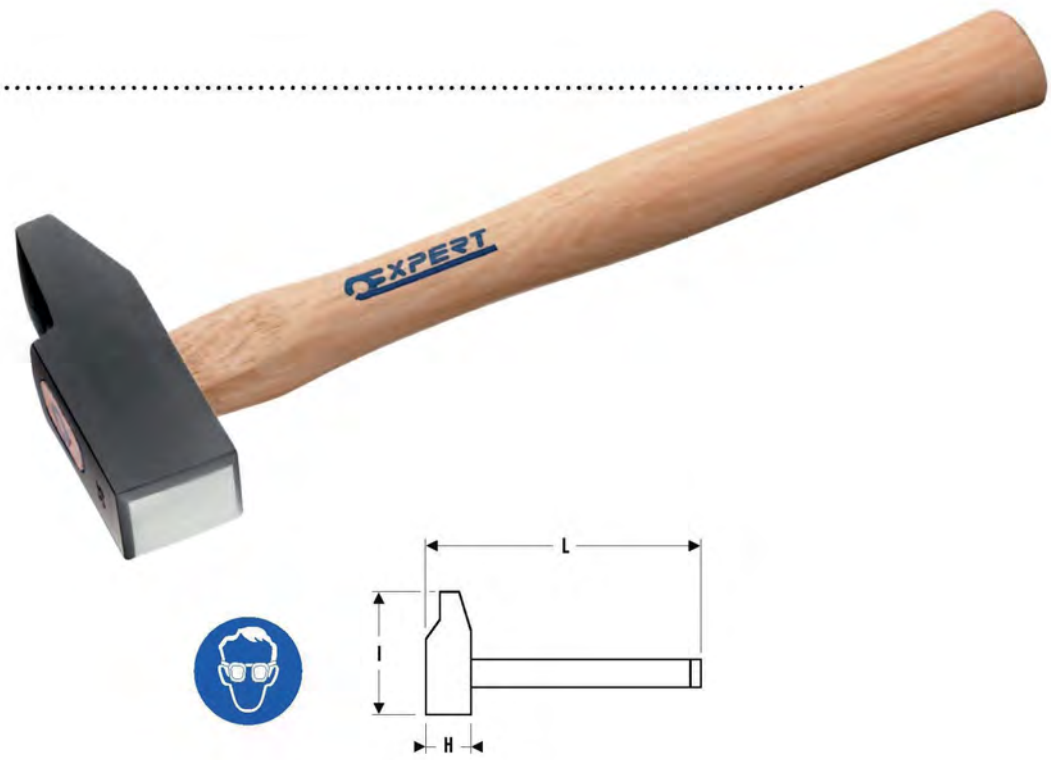
- Contains:
- 1 hammer.
- 1 mallet 32 mm.
- 3 drift punches 4, 6, and 8 mm.
- 1 constant profile chisel 24 mm.
- 1 punch 6 mm.
- E150801: Riveting hammer 32, reference: E154668 - empty tray E010501.
- E150802: DIN hammer, reference: E150103 - empty tray E010506.
- E150803: Ball head hammer, reference E150107 - empty tray E010507.

	H (mm)	L (mm)	I (mm)	Weight (g)		EAN
E150801	50	173	354	1945	1	3258951508015
E150802	50	173	354	1911	1	3258951508022
E150803	50	173	354	1610	1	3258951508039

HAMMERS

RIVETING HAMMERS

- ISO 15601
- Head hardness 50-58 HRC.
- Handle-blade connected by clasp.
- Hickory handle.
- Domed head.

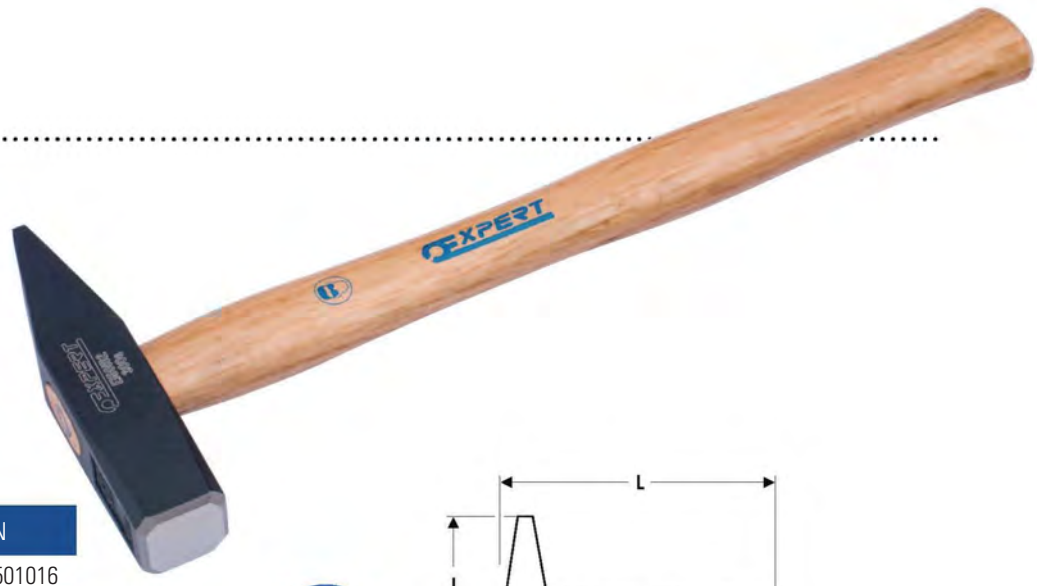


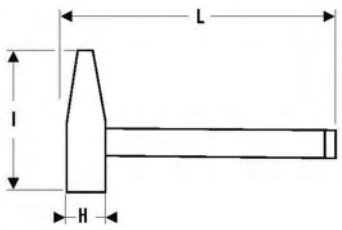
	H (mm)	L (mm)	I (mm)	Weight (g)		EAN
E154665	25	284	78,50	245	1	3258951546659
E154667	30	304	91,50	530	1	3258951546673
E154668	32	306	98	650	1	3258951546680
E154669	35	309	104	800	1	3258951546697
E154670	40	325	108,50	1020	1	3258951546703
E154672	45	360	126	1600	1	3258951546727
E154673	50	365	135,50	1900	1	3258951546734
E154674	55	370	141	2400	1	3258951546741

HAMMERS

DIN HAMMERS

- DIN 1041, ISO 15601
- Head hardness 50-58 HRC.
- Ash handle.
- Conical wedging.

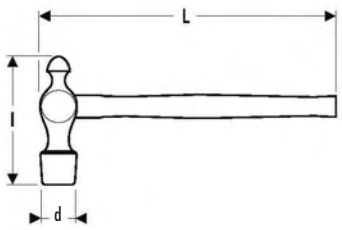




	H (mm)	L (mm)	l (mm)	Weight (g)		EAN
E150101	19	280	95	300	1	3258951501016
E150102	23	300	105	410	1	3258951501023
E150103	27	320	120	625	1	3258951501030
E150104	33	350	130	960	1	3258951501047
E150105	36	360	135	1180	1	3258951501054

BALL HEAD HAMMER

- ASME B107.53
- Head hardness 50-58 HRC.
- Hickory handle.
- Metal wedge and wood wedge.



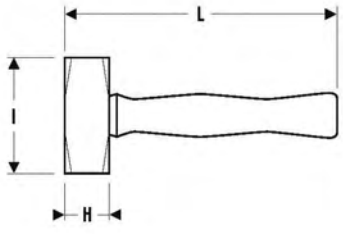
	d (mm)	L (mm)	l (mm)	Weight (g)		EAN
E150106	19	275	64,60	200	1	3258951501061
E150107	23,50	300	82,50	355	1	3258951501078
E150108	30,50	350	101,70	590	1	3258951501085
E150109	35,50	396	120	890	1	3258951501092
E150110	38,50	400	124,50	1110	1	3258951501108

CANTED HEAD HAMMERS

CANTED HEAD HAMMERS

- ISO 15601
- Head hardness 50-58 HRC.
- Ash handle.
- Conical wedging.

	H (mm)	L (mm)	l (mm)	Weight (g)		EAN
E150111	40	260	95	1000	1	3258951501115
E150112	43	260	100	1250	1	3258951501122
E150113	45	280	110	1500	1	3258951501139
E150114	50	300	120	2000	1	3258951501146

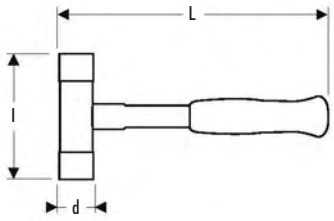


DEAD-BLOW HAMMERS

DEAD-BLOW HAMMERS

- Anti-static SBR (styrene-butadiene rubber).
- Steel balls enable dead-blow action.
- Anti vibration.
- Head hardness shore A80-90.
- Fixed handle: one-piece.

	d (mm)	L (mm)	l (mm)	Weight (g)		EAN
E150115	37,40	286	91,50	500	1	3258951501153
E150116	54	370	131,50	1370	1	3258951501160

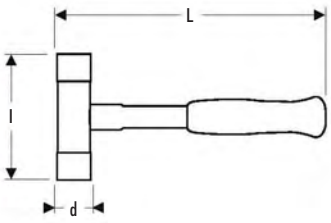


MALLETS

INTERCHANGEABLE TIP MALLETS

- Head in zinc-plated steel alloy.
- Wood handle.
- 2 Nylon tips.

	d (mm)	L (mm)	l (mm)	Weight (g)		EAN
E150301	27	270	90	200	1	3258951503010
E150302	32	290	100	290	1	3258951503027
E150303	40	330	110	600	1	3258951503034
E150304	50	350	115	950	1	3258951503041



NYLON INTERCHANGEABLE TIPS

- Nylon tips hardness shore D66-85.
- Easily changeable.

	d (mm)	Weight (g)		EAN
E150305	27	20	1	3258951503058
E150306	32	33	1	3258951503065
E150307	40	48	1	3258951503072
E150308	50	60	1	3258951503089

IMPACT TOOLS

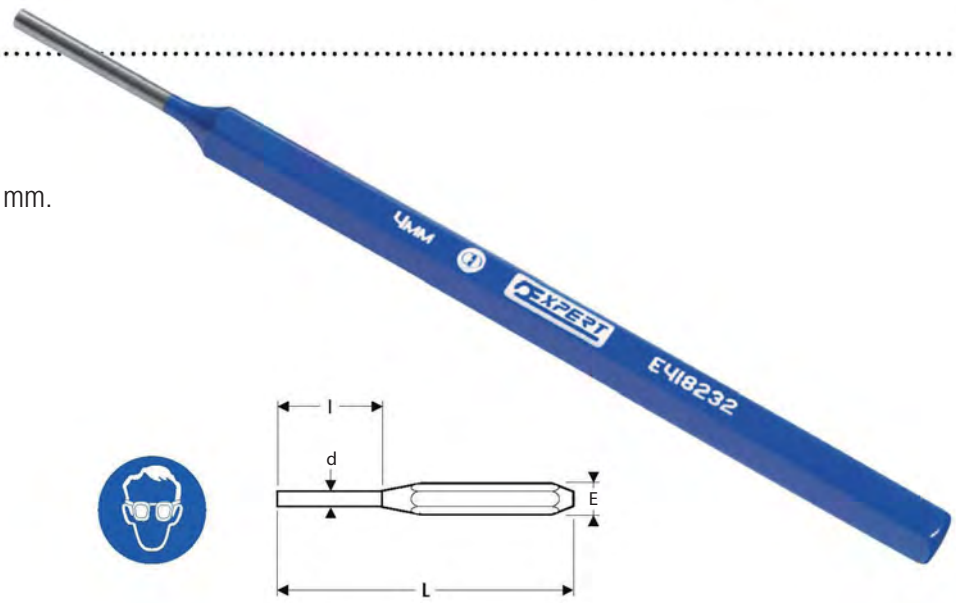
SET OF 6 DRIFT PUNCHES

- 6 drift punches 2 to 8 mm.

	Qty	l (mm)	Weight (g)		EAN
E418226	6	352	970	1	3258954182267

DRIFT PUNCH

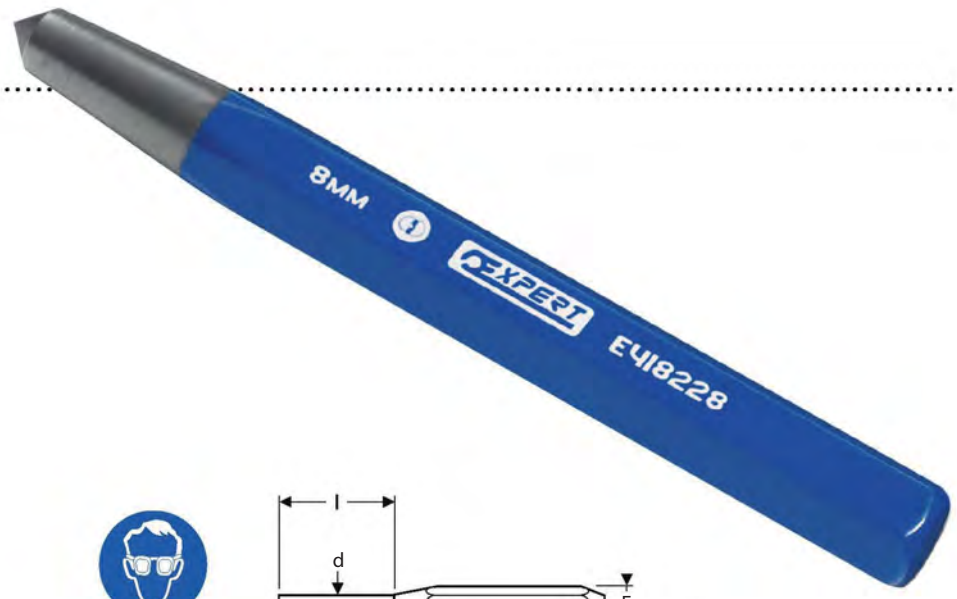
- DIN 6450
- Hardness 48-56 HRC for diameters 2 to 4 mm and 50-58 HRC for diameters 5 to 8 mm.
- One-piece for more strength and longer life.

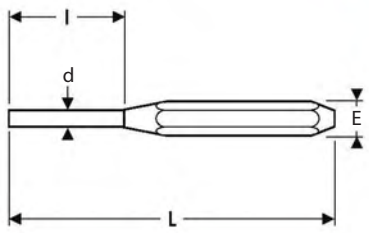


	d (mm)	E (mm)	L (mm)	l (mm)	Weight (g)		EAN
E418230	2	6,30	152	25	35	1	3258954182304
E418231	3	7,90	152	35	52	1	3258954182311
E418232	4	7,90	152	40	55	1	3258954182328
E418233	5	7,90	152	45	55	1	3258954182335
E418234	6	9,50	152	50	75	1	3258954182342
E418235	8	9,50	152	50	85	1	3258954182359

PUNCH

- Hardness 34-44 for the impact zone and 50-58 for the tip.
- One-piece for enhanced strength and durability.





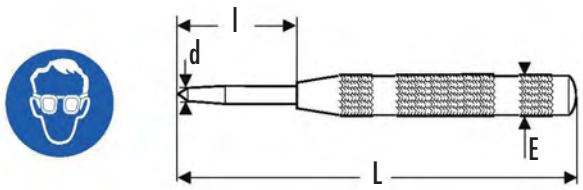
	d (mm)	E (mm)	L (mm)	l (mm)	Weight (g)		EAN
E150501	2,50	9,50	102	25,40	51	1	3258951505014
E150502	4	9,50	102	25,40	53	1	3258951505021
E418227	6	9,50	102	25,40	55	1	3258954182274
E418228	8	11,10	114	25,40	86	1	3258954182281
E418236	10	11,10	127	25,40	100	1	3258954182366

IMPACT TOOLS

AUTOMATIC CENTRE PUNCH

- Hardness 56-61 for the tip.
- Trigger load E150503: 6 to 12.5 kg - E150504: 12.2 to 18.5 kg.
- Bronze shaft.

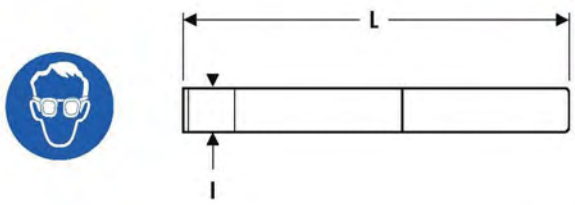
	d (mm)	E (mm)	L (mm)	l (mm)	Weight (g)		EAN
E150503	4	14	130	27	72	1	3258951505038
E150504	7	17	151	26,70	133	1	3258951505045



EXTRA FLAT CHISEL 26 MM

- DIN 7255
- Treated for 54-58 HRC on cutting edge.

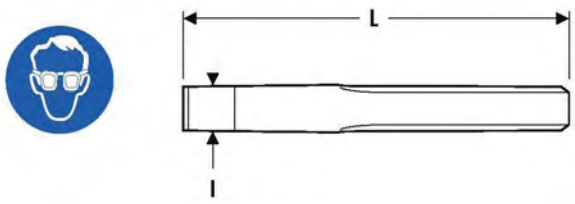
	L (mm)	l (mm)	Weight (g)		EAN
E150701	235	26	250	1	3258951507018



CONSTANT PROFILE CHISEL

- DIN 7255
- Treated for 54-58 HRC.

	L (mm)	l (mm)	Weight (g)		EAN
E150702	150	21	195	1	3258951507025
E150703	200	24	350	1	3258951507032
E150704	250	27	510	1	3258951507049



BLADES
Forged blades - High demulitplication and gap between nose by built-in spring guaranteeing long and comfortable use.

PERFORMANCE
Cutting performance: Stainless steel 80Kg/mm² 0,8mm - Mid-strength steel 1,2mm.

CUTTING
Accurate cutting ; slightly knurled blade to avoid all risk of slippage.

ROBUST
Comfortable: Bi-material sheath - Standardised color code.

SAWING, CUTTING

Hack saws 148

Shears 150

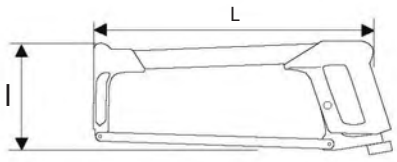
Bolt croppers 153

METAL CUTTING

HACK SAW - REVOLVER HANDLE

- Revolver handle saw - Tension up to 100Kg - Cutting capacity 100mm.
- Blade pre-tension by a lever system, Easy adjusting and tightening.
- Delivered with a Bi-metal blade.
- Chrome steel bow - Painted front and rear handles.
- Blade 300 mm.

	L (mm)	l (mm)	Weight (g)		EAN
E115122	376	131	590	1	3258951151228



ADJUSTABLE HACK SAW - WOOD HANDLE

- Epoxy coated metal bow - Blade tension up to 80KG - cutting capacity 100 mm.
- Blade tension at the front of the bow.
- Delivered with one HSS blade.
- Wood handle.
- Blade 300 mm.

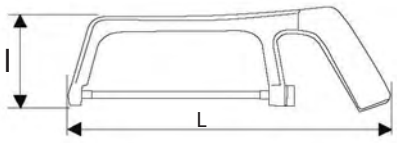
	L (mm)	Weight (g)		EAN
E115123	455	550	1	3258951151235

METAL CUTTING

MINI SAW

- Bow bracket in lacquered aluminum.
- Light and easy to handle - Ideal for light work on plastic and metal.
- Delivered with one carbon steel blade.
- Plastic handle.
- Blade 155 mm.

	L (mm)	l (mm)	Weight (g)		EAN
E020101	257	94	140	1	3258950201016



150MM METAL HACKSAW BLADE

- Spare blade for mini saw E020101.
- Packaged per 10 units in plastic tube.
- Order in multiples of 10. Example: 20 x E020103 = 20 blades.

NEW

	L (mm)	Weight (g)		EAN
E020103	150	120	10	3258950201030

300MM BI-METAL HACKSAW BLADE

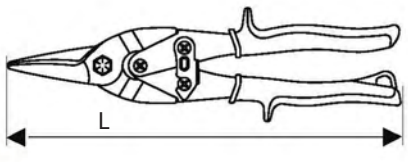
- Spare blade for hacksaws E115122 and E115123.
- Packaged per 10 units in plastic tube.
- Order in multiples of 10. Example: 20 x E115126 = 20 blades.

	L (mm)	Weight (g)		EAN
E115126	300	160	10	3258951151266

SHEARS

STRAIGHT CUT AVIATION SHEARS

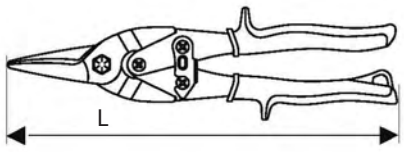
- ASME B 107.16M
- Forged blades - Built-in spring produces an automatic return separating the blades, guaranteeing comfort over long periods of use.
- Accurate cut ; blade slightly serrated to prevent slipping.
- Cutting performance: Stainless steel 80 kg/mm² 0.8 mm - Semi-soft steel 1.2 mm.
- Comfortable: bimaterial sheath - Standardized colour code.



	L (mm)	l (mm)	Weight (g)	Blade length		EAN
E214563	250	52	399	45	10	3258952145639

STRAIGHT CUT - LONG REACH AVIATION SHEARS

- ASME B 107.16M
- Forged blades - Built-in spring produces an automatic return separating the blades, guaranteeing comfort over long periods of use.
- Accurate cut ; blade slightly serrated to prevent slipping.
- Cutting performance: Stainless steel 80 kg/mm² 0.8 mm - Semi-soft steel 1.2 mm.
- Comfortable: bimaterial sheath - Standardized colour code.



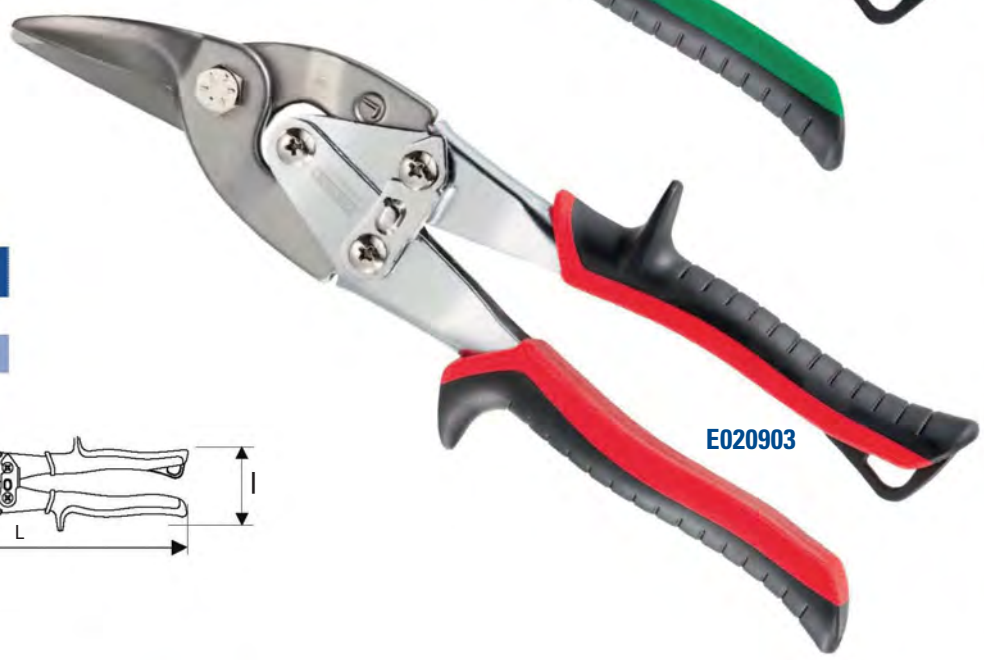
	L (mm)	l (mm)	Weight (g)	Blade length		EAN
E020906	290	65	400	82	10	3258950209067

SHEARS

AVIATION SHEARS

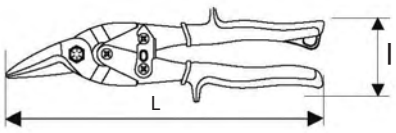
- ASME B 107.16M
- Forged blades - Built-in spring produces an automatic return separating the blades, guaranteeing comfort over long periods of use.
- Accurate cutting, slightly serrated cutting edges prevent workpiece slip.
- Cutting capacity: Stainless steel 80 kg/mm² 0.8 mm - medium hardness steel 1.2 mm.
- Comfortable: bi-material grip, Standardized colour code according to cutting direction:
- E020902: Right-hand cut - green.
- E020903: Left-hand cut - red.

E020902



E020903

	L (mm)	l (mm)	Weight (g)	Blade length		EAN
E020902	248	52	400	40	10	3258950209029
E020903	248	52	400	40	10	3258950209036



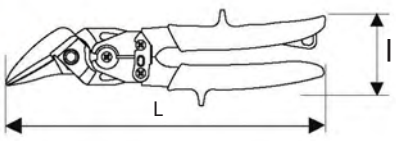
COMPOUND SCROLL SHEARS

- ASME B 107.16M
- Forged blades - Built-in spring produces an automatic return separating the blades, guaranteeing comfort over long periods of use.
- Standardized colour code according to cutting direction:
- E020904: Right-hand cut - green.
- E020905: Left-hand cut - red.

E020904

E020905

	L (mm)	l (mm)	Weight (g)	Blade length		EAN
E020904	248	65	380	45	10	3258950209043
E020905	248	65	380	45	10	3258950209050

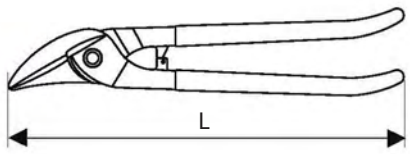


SHEARS

CHAMFER SHEARS - THIN BLADE

- ASME B 107.16M
- Forged carbon steel blades.
- Shears designed for accurate metal sheet cutting.
- Cutting performance: Stainless steel 80Kg/mm² 0.8 mm - Mid-strength steel 1mm.
- PVC sheathed handles.

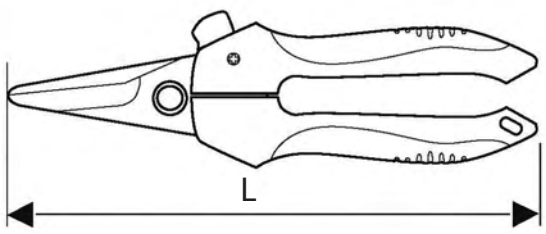
	L (mm)	l (mm)	Weight (g)	Blade length		EAN
E184195	270	55	380	42	10	3258951841952



MULTI PURPOSE SHEARS

- Effective: cut all types of materials: cardboard, rubber, PVC, leather 5 mm, thin metal sheet, electric wire.
- Accurate and neat cutting thanks to serrated blades.
- Safe: Locked in closed position.
- Comfortabe: bimaterial sheath.
- Blade length 58 mm.

	L (mm)	Weight (g)		EAN
E020901	190	201	1	3258950209012



BOLT CROPPERS

TUBULAR ARM BOLT CROPPER

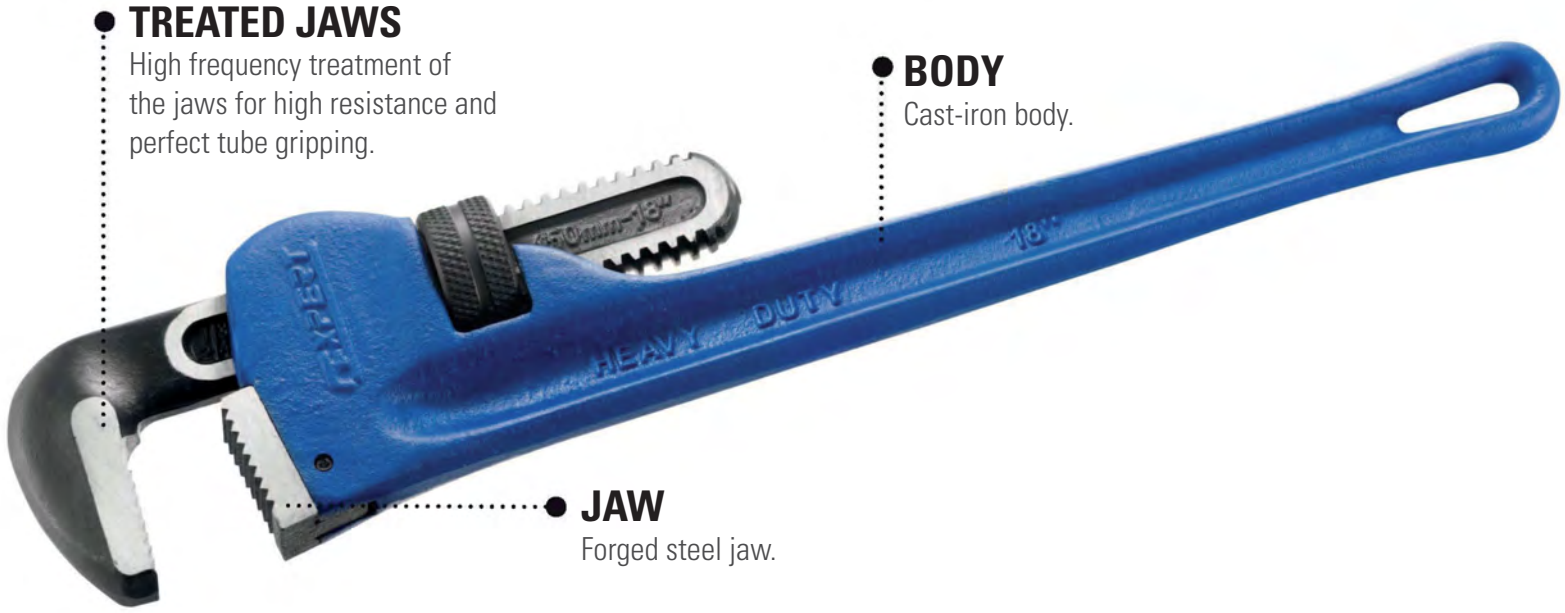
- Chrome-molybdenum forged jaws.
- Steel-cutting capacity up to 160kg/mm² flush cut.
- Tubular arms.

	L (mm)	d (mm) - 100 Kg/mm	d (mm) - 130 Kg/mm	d (mm) - 160 Kg/mm	Weight (g)		EAN
E195561	300	6	4	3	720	1	3258951955611
E117750	350	8	6	5	1220	1	3258951177501
E117751	450	8	6	6	1580	1	3258951177518
E117752	600	10	8	7	2600	1	3258951177525
E117753	750	11	10	8	3950	1	3258951177532
E117754	900	12	11	9	5450	1	3258951177549
E117755	1050	14	12	10	8100	1	3258951177556

BLADES FOR BOLT CROPPER

- Delivered with screws.

	Bolt croppers	Weight (g)		EAN
E195568	E117761	28	1	3258951955680
E117756	E117750	40	1	3258951177563
E117757	E117751	50	1	3258951177570
E117758	E117752	87	1	3258951177587
E117759	E177753	125	1	3258951177594
E117760	E117754	175	1	3258951177600
E195569	E117765	265	1	3258951955697


TREATED JAWS
High frequency treatment of the jaws for high resistance and perfect tube gripping.
BODY
Cast-iron body.
JAW
Forged steel jaw.
EXPERT
HEAVY DUTY
18"

LIGHTING, PIPEWORK, MAINTENANCE

Lighting 156

Pipework 156

Riveting 157

LIGHTING

FLUORESCENT INSPECTION LAMP 11 W

- EN 60598-1 60598-2-8
- Fluocompact 11Watt tube 230 V inspection lamp.
- 8 m H05RN-F grade cable.
- Interchangeable fluo tube.
- With flexible hook.
- European plug.
- IP 54.
- Dimensions : 448 x 65 mm.

	Weight (Kg)		EAN
E201403	0,70	1	3258952014034

80 LED INSPECTION LAMP

- Rechargeable workshop lamp.
- 80 LEDs.
- Lighting power 200 lumens or 3200 lux at 50 cm.
- Running time 4 h.
- Fast charging 3 h.
- Fitted with 2 removable magnets and a hook.
- Supplied with mains adapter and 12V cigarette lighter cable.
- NIMH batteries.
- Dimensions: 405 x 45 mm.

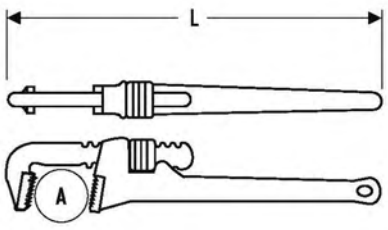
	Weight (Kg)		EAN
E201401	0,44	10	3258952014010

PIPEWORK

PIPEWORK WRENCHES

- Cast-iron body.
- Forged steel jaw.
- High frequency treatment of the jaws for high resistance and perfect tube gripping.

	A max (mm)	A max (")	L (mm)	L (")	Weight (Kg)		EAN
E117820	26	1"	200	8	0,40	1	3258951178201
E117821	33	1"1/4	250	10	0,78	1	3258951178218
E117822	48	1"3/4	350	14	1,50	1	3258951178225
E117823	60	2"1/4	450	18	2,40	1	3258951178232
E117824	75	2"3/4	600	24	4	1	3258951178249
E117825	102	4"	900	36	9	1	3258951178256

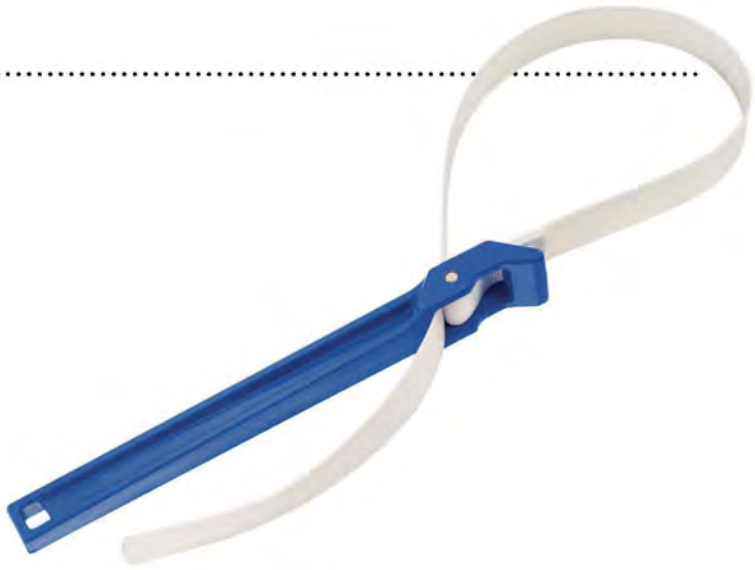


PIPEWORK

STRAP WRENCHES

- Aluminum body.
- Nylon strap.

	A max (mm)	A max (")	L (mm)	Weight (g)		EAN
E117827	4	125	315	290	1	3258951178270
E117828	6	165	315	310	1	3258951178287



SPARE STRAPS

	Strap wrench		EAN
E090101	E117827	1	3258950901015
E090102	E117828	1	3258950901022

COPPER-PIPE CUTTER

- Tube cutting capacity 16 mm max (E117829).
- Tube cutting capacity 32 mm max (E117830).
- Easy knob adjustment.
- Built-in deburring.
- Delivered with spare blade.

	L (mm)	Weight (g)		EAN
E117829	55	120	1	3258951178294
E117830	140	300	1	3258951178300

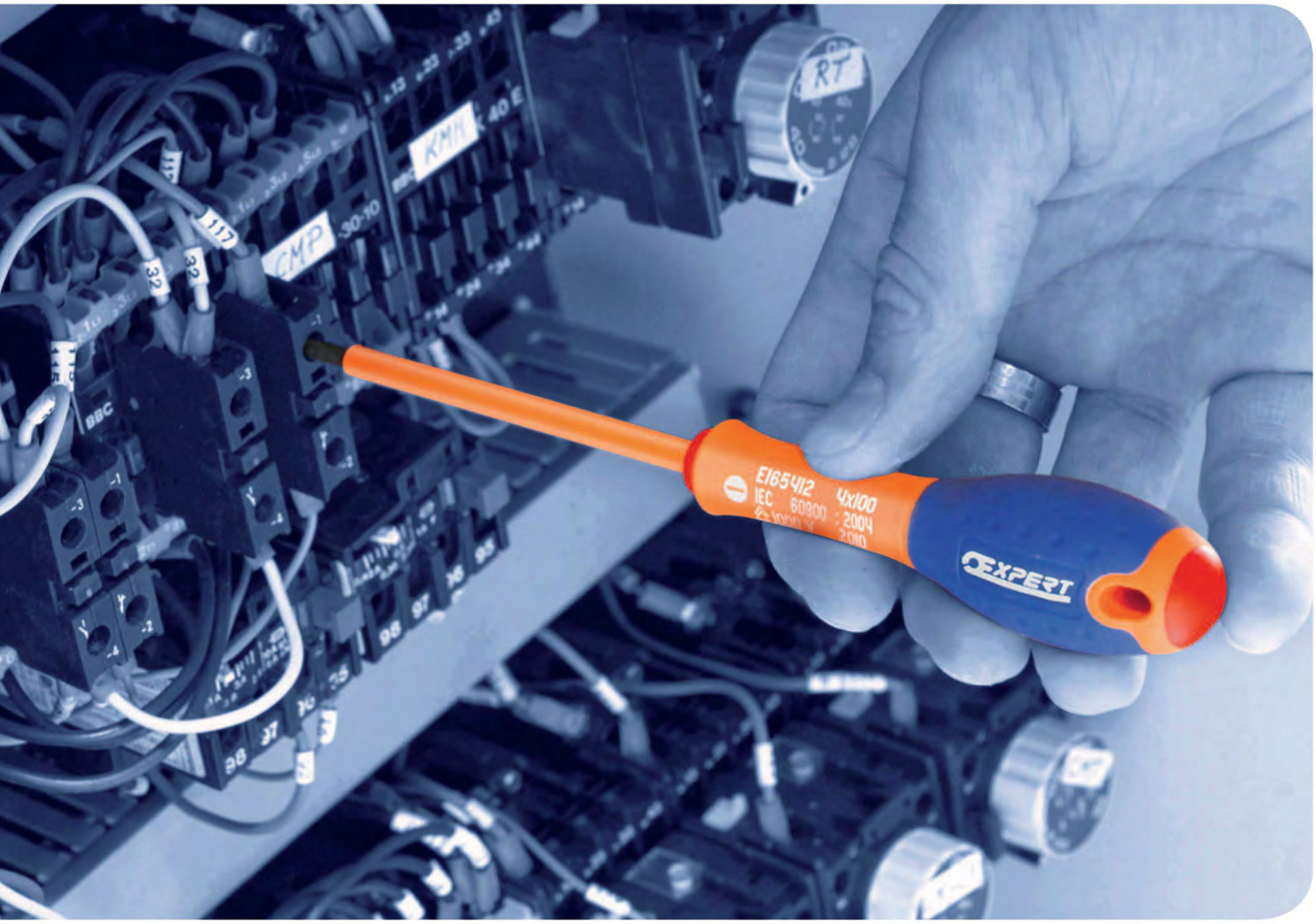
E117830

RIVETING

RIVETING PLIERS 270 MM

- 90° nose.
- 4 interchangeable nozzles diameter 2-3-4-5 mm.
- Automatic ejection of the rivet pin.
- Built-in nozzle key.
- Durable steel construction.

	Minimum cutting capacity in mm	Weight (g)		EAN
E169804	3	572	1	3258951698044



BLADE
Round burnished blade with insulation in orange PVC.

HANDLE
Bimaterial ergonomic comfortable and effective handle.

COLOUR CODED
For easy identification.

ELECTRICITY, ELECTRONICS

Crimping 160

Cable cutter 160

Wire strippers 161

1000 V insulated pliers 161

Tester screwdriver 163

1000 V insulated screwdrivers 164

Electrician's knives 166

Electrician's scissors 167

Precision screwdrivers 168

Electronic engineer pliers 170

CRIMPING

CRIMPING PLIERS

- For insulated crimps 0,4 to 6mm².
- For terminals with PVC, PC and polyamide insulators.
- Double crimping to crimp the contact and insulator in a single operation.
- Bimaterial handle for better comfort.

	L (mm)	Weight (g)		EAN
E050301	235	568	1	3258950503011

CRIMPING PLIERS

- Crimping pre-insulated plugs 1.5 2.5 6mm² max and tubular lugs from 1.5 to 6 mm² max.

	L (mm)	d (mm) soft copper-aluminium	Weight (g)		EAN
E117903	220	Strips wires from 0.75 to 6 mm² ma	260	1	3258951179031

CABLE CUTTER

COPPER CABLE CUTTER

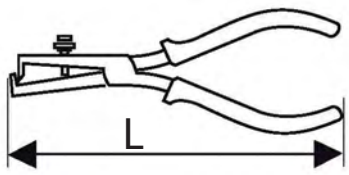
- ISO 5749
- Cutting capacity: copper wires 12 mm max diameter.
- Bimaterial sheath.
- 12 mm max copper wire diameter.

	Weight (g)		EAN
E189874	270	1	3253561898747

WIRE STRIPPERS

WIRE STRIPPER 160 MM

- Perfect to strip multiple and single strand wires from 0.75 to 6 mm².
- Ergonomic handle for higher comfort.

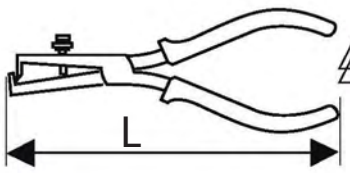


	L (mm)	Weight (g)	EAN
E050101	160	198	3258950501017

1000 V INSULATED PLIERS

WIRE STRIPPER 160 MM -1000V INSULATED - VDE

- CEI 60900 - ISO 5745
- Perfect to strip multiple and single strand wires from 0.75 to 6 mm².
- Ergonomic handle for enhanced comfort.

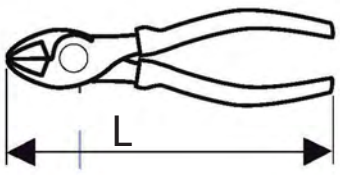


1000 VOLTS EN 60900

	L (mm)	Weight (g)	EAN
E084010	160	200	3258950840109

ENGINEERS CUTTING PLIERS - INSULATED 1000V - VDE

- CEI 60900 - ISO 5745
- Compact head to offer perfect accessibility in confined spaces (electric cabinets).
- Cutting edges designed to guarantee best performance on soft wire (copper) and semi-hard wire.
- Ergonomic handle for comfortable use during highly repetitive cutting.



1000 VOLTS EN 60900

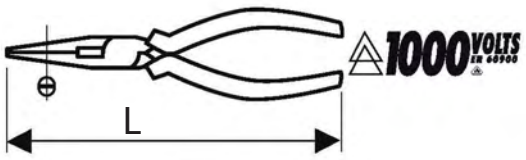
	L (mm)	Weight (g)	EAN
E084003	160	200	3258950840031
E084004	180	270	3258950840048

1000 V INSULATED PLIERS

1/2 ROUND - STRAIGHT NOSE PLIERS - INSULATED 1000V - VDE

- CEI 60900 - ISO 5745
- Thin nose ensuring optimum access when used in a confined environment (electric cabinets).
- Thin serrated nose with lateral wire cutter.
- Ergonomic Expert handle for comfortable use during long and highly repetitive cutting.

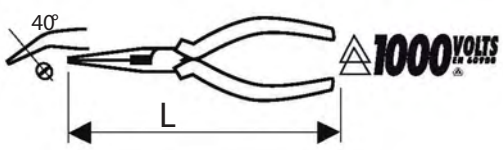
	L (mm)	Weight (g)	EAN
E084006	160	152	3258950840062
E050403	200	230	3258950504032



1/2 ROUND NOSE - 40° ANGLED PLIERS - INSULATED 1000V - VDE

- CEI 60900 - ISO 5745
- Thin nose ensuring optimum access when used in a confined environment (electric cabinets).
- Thin serrated nose with lateral wire cutter.
- Ergonomic Expert handle for comfortable use during long and highly repetitive cutting.

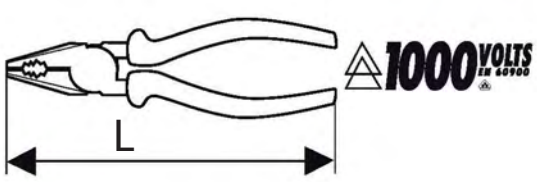
	L (mm)	Weight (g)	EAN
E050404	160	200	3258950504049
E050405	200	255	3258950504056



COMBINATION PLIERS - INSULATED 1000V - VDE

- CEI 60900 - ISO 5745
- Designed to cover all gripping and cutting applications.
- Cutting edges designed to cut all types of wires (Soft, mid-hard, hard wire).
- Ergonomic handle for better comfort in long and repetitive use.

	L (mm)	Weight (g)	EAN
E084000	160	230	3258950840000
E184001	180	280	3258951840016
E050401	200	330	3258950504018

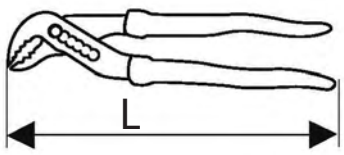


1000 V INSULATED PLIERS

TWIN SLIP-JOINT MULTIGRIP PLIERS - 1000V INSULATED - VDE

- CEI 60900 - ISO 8976
- 7 positions for optimum adjustment.
- Bimaterial ergonomic handle.
- Burnished finish.

	L (mm)	Jaw depth (mm)	Jaw height (mm)	Weight (g)	EAN
E084294	240	35	35	350	3258950842943



1000 VOLTS

TESTER SCREWDRIVER

- 100/500V
- Blade dimension: 3x66 mm.

	Weight (g)		EAN
E161101	22	60	3258951611012

1000 V INSULATED SCREWDRIVERS

SET OF 10 SCREWDRIVERS - 1000V INSULATED

- EN 60900
- Screwdrivers for slotted head screws: 2.5 x 50 - 3.5 x 75 - 4 x 100 - 5.5 x 150 mm.
- Pozidriv® screwdrivers: PZ1 x 100 - PZ2 x 125.
- Phillips® screwdrivers: PH0 X 75 - PH1 x 100 - PH2 x 125.
- 100/500 V tester screwdriver.

	Qty	Weight (g)		EAN
E160912	10	670	5	3258951609125

SET OF 6 SCREWDRIVERS - 1000V INSULATED

- EN 60900
- Screwdrivers for slotted head screws: 2.5 x 50 - 3.5 x 75 - 4 x 100 - 5.5 x 150 mm.
- Phillips® screwdrivers: PH1 x 100 - PH2 x 125.

	Qty	Weight (g)		EAN
E160910	6	430	5	3258951609101

SET OF 6 SCREWDRIVERS - 1000V INSULATED

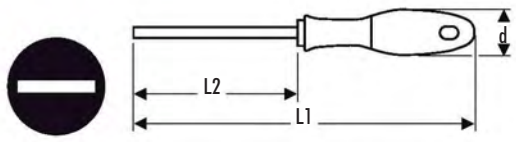
- EN 60900
- Screwdrivers for slotted head screws: 2.5 x 50 - 3.5 x 75 - 4 x 100 - 5.5 x 150 mm.
- Pozidriv® screwdrivers: PZ1 x 100 - PZ2 x 125.

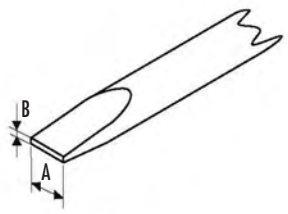
	Qty	Weight (g)		EAN
E160911	6	430	5	3258951609118

1000 V INSULATED SCREWDRIVERS

1000 V INSULATED SCREWDRIVERS FOR SLOTTED HEAD

- CEI 60900 - ISO 2380 - 1 - ISO 2380 - 2
- Bimaterial ergonomic comfortable and effective handle.
- Bit colour code: red.
- Each product is tested to 10,000 Volts.
- Round burnished blade with insulation in orange PVC.

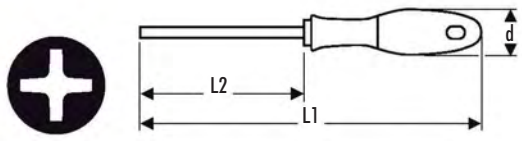




	A x L2 x B	L1 (mm)	d (mm)	Weight (g)		EAN
E165410	2,5 x 50 x 0,4	149	20	18	5	3258951654101
E165411	3,5 x 75 x 0,6	177	27	38	5	3258951654118
E165412	4,0 x 100 x 0,8	202	27	43	5	3258951654125
E165413	5,5 x 150 x 1,0	255	32	84	5	3258951654132
E165420	6,5 x 150 x 1,2	266	40	134	5	3258951654200

1000 V INSULATED SCREWDRIVERS FOR PHILLIPS® SCREWS

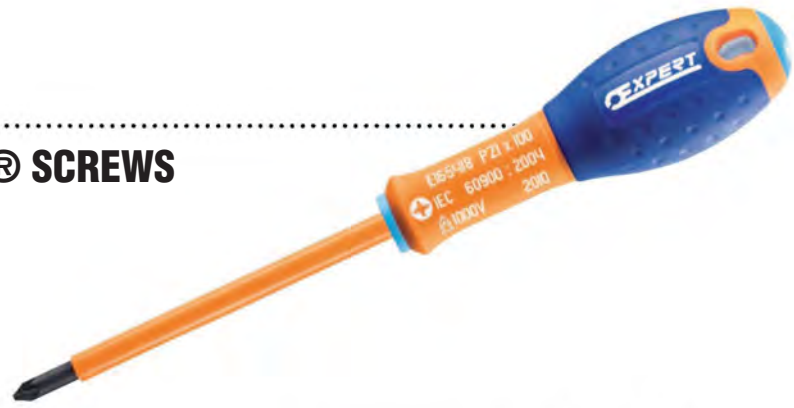
- CEI 60900 - ISO 2380-1 - ISO 2380-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit colour code: yellow.
- Each product is tested to 10,000 Volts.
- Round burnished blade with insulation in orange PVC.

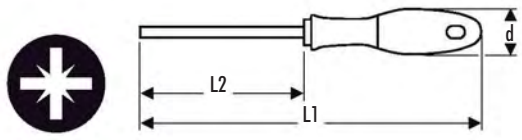


	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165414	PH 0	177	75	27	40	5	3258951654149
E165415	PH 1	205	100	32	68	5	3258951654156
E165416	PH 2	230	125	32	89	5	3258951654163
E165421	PH 3	355	150	40	123	5	3258951654217

1000 V INSULATED SCREWDRIVERS FOR POZIDRIV® SCREWS

- CEI 60900 - ISO 2380-1 - ISO 2380-2
- Bimaterial ergonomic comfortable and effective handle.
- Bit colour code: blue.
- Each product is tested to 10,000 Volts.
- Round burnished blade with insulation in orange PVC.





	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E165417	PZ 0	177	75	27	40	5	3258951654170
E165418	PZ 1	205	100	32	68	5	3258951654187
E165419	PZ 2	230	125	32	89	5	3258951654194
E165422	PZ 3	355	150	40	123	5	3258951654224

ELECTRICIAN'S KNIVES

ELECTRICIANS KNIFE WITH WIRE STRIPPER

- Blade with 2 notches for stripping and cutting.
- Stainless steel blade.
- Wood handle.

	L (mm)	Weight (g)		EAN
E117762	180	77	1	3258951177624

SINGLE-BLADE ELECTRICIANS KNIFE

- Stainless steel billhook blade 60 mm.
- Wood handle.

	L (mm)	Weight (g)		EAN
E117763	170	85	1	3258951177631

DUAL-BLADE ELECTRICIANS KNIFE

- Stainless steel billhook blade 60 mm.
- Stainless steel straight blade 80 mm.
- Wood handle.

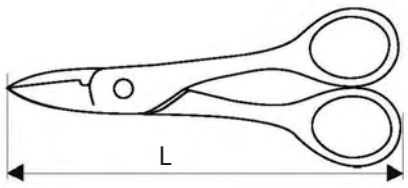
	L (mm)	Weight (g)		EAN
E117767	170	115	1	3258951177679

ELECTRICIAN'S SCISSORS

ELECTRICIANS SCISSORS

- Reinforced short blade with wire cutter.
- Material: carbon steel.
- Polished chrome finish.
- PVC sheathed handle.

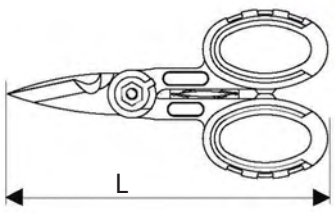
	L (mm)	Weight (g)		EAN
E117764	150	117	1	3258951177648



BI-MATERIAL HANDLE SCISSORS

- Long blade with a wire cutter notch.
- Material: stainless steel.
- Bimaterial handle.

	L (mm)	Weight (g)		EAN
E184280	145	62	0	3258951842805



PRECISION SCREWDRIVERS

SET OF 6 PRECISION SCREWDRIVERS

- For slotted head screws: 2.0 x 40 - 2.5 x 40 - 3.0 x 40.
- For Phillips® screws: PH 000 - PH 00 - PH 0.

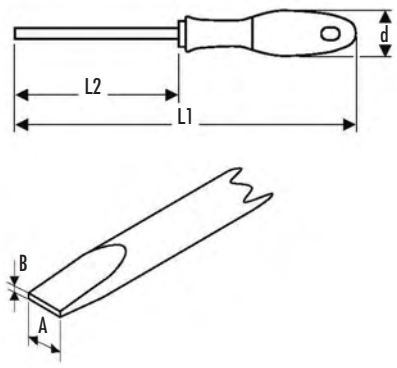
	Qty	Weight (g)		EAN
E161102	6	155	1	3258951611029

PRECISION SCREWDRIVER FOR SLOTTED HEAD SCREW

- Nickel-plated blade, in chrome vanadium steel.
- Fast screwing: swivelling finger rest.
- Red colour code.

NEW

	A x L2 x B	L1 (mm)	d (mm)	Weight (g)		EAN
E161106	2 x 40 x 0,40	120	16	11	1	3258951611067
E161107	2,5 x 40 x 0,40	120	16	11	1	3258951611074
E161108	3 x 40x 0,50	120	16	14	1	3258951611081



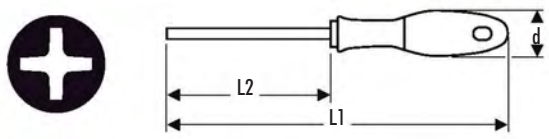
PRECISION SCREWDRIVERS

PRECISION SCREWDRIVER FOR PHILLIPS® HEAD SCREW

- Nickel-plated blade, in chrome vanadium steel.
- Fast screwing: swivelling finger rest.
- Yellow colour code.

NEW

	N°	L1 (mm)	L2 (mm)	d (mm)	Weight (g)		EAN
E161103	PH 000	120	40	16	11	1	3258951611036
E161104	PH 00	120	40	16	11	1	3258951611043
E161105	PH 0	120	40	16	14	1	3258951611050



MULTI-BIT MICRO SCREWDRIVERS SET

- Plastic case set including:
- 1 micro srewdriver bit handle.
- 6 slotted head bits: 1.2-1.5-1.8-2-2.5
- 2 Phillips® bits: PH000-PH00.

	Weight (g)		EAN
E161109	80	1	3258951611098

NEW

ELECTRONIC ENGINEER PLIERS

STRAIGHT SLIM-PROFILE NOSE PLIERS

- Smooth nose for better part protection.
- Slim profile nose for excellent accessibility.
- Soft bimaterial sheathing for good grip.

	L (mm)	Weight (g)		EAN
E117877	132	25	1	3258951178775

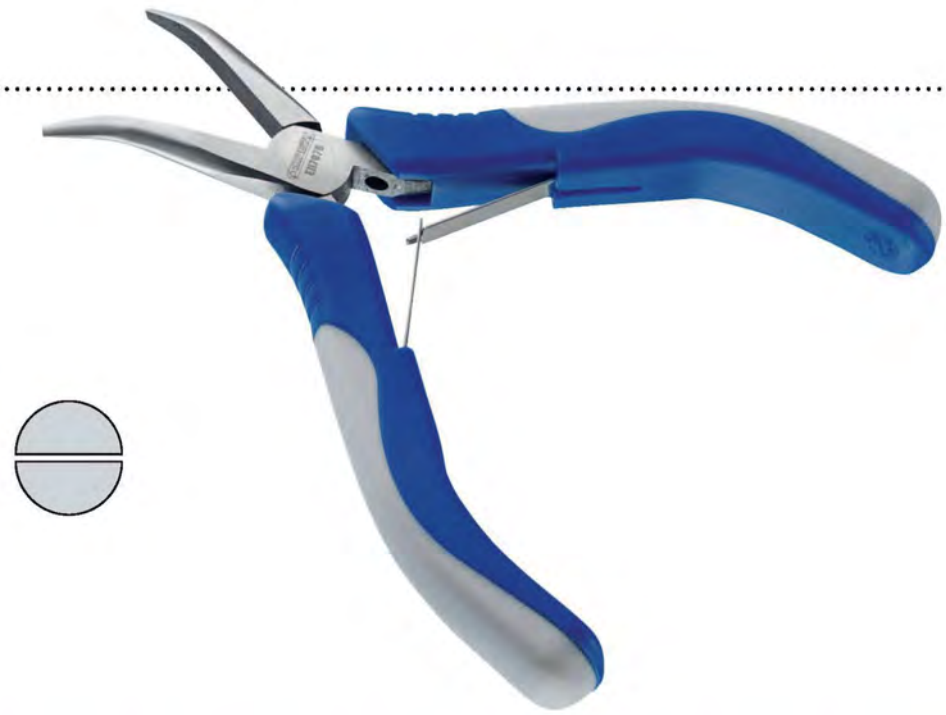
FLAT-NOSE PLIERS

- Serrated nose for proper part gripping.
- Very strong nose.
- Soft bi-material sheath for good grip.

	L (mm)	Weight (g)		EAN
E117883	137	20	1	3258951178836

SNIPE ANGLED NOSE PLIERS

- Smooth nose for better part protection.
- Thin nose for excellent access.
- Soft bi-material sheath for good grip.



	L (mm)	Weight (g)		EAN
E117878	133	35	1	3258951178782

ELECTRICIAN'S PLIERS

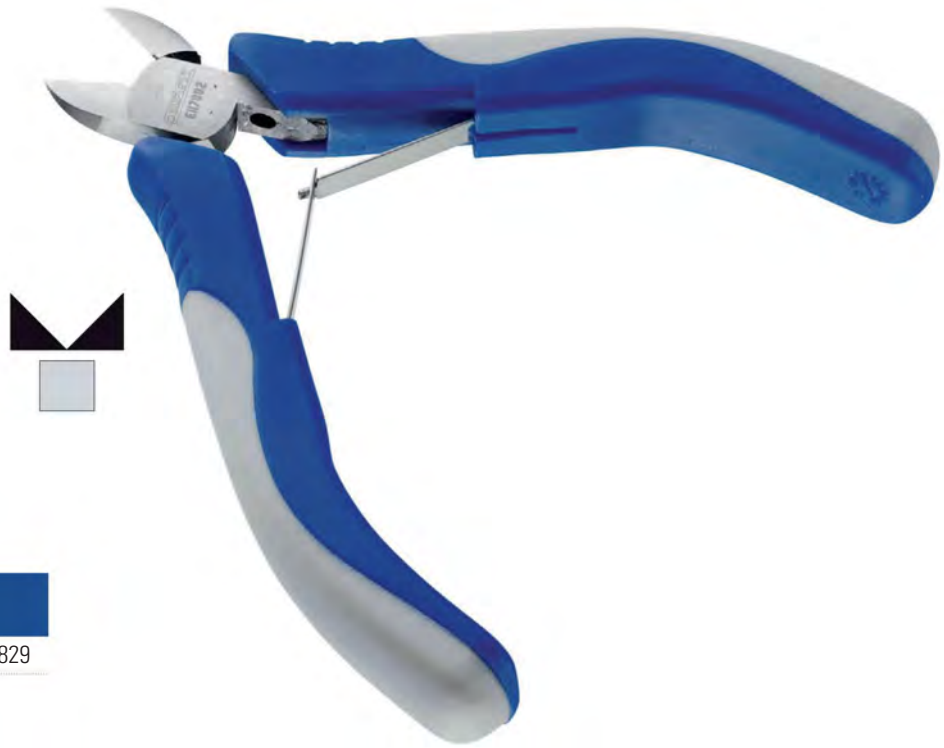
COARSE AXIAL CUTTING PLIERS

- Bullet head for high strength.
- Excellent cutting versatility.
- Soft bi-material sheath for good grip.

	L (mm)	d (mm) piano wire	d (mm) steel wire	d (mm) soft copper-aluminium	Weight (g)		EAN
E117879	115	0,80	1,00	2	64	1	3258951178799
E117880	110	0,50	0,80	1,6	64	1	3258951178805

FINE FLUSH CUTTING PLIERS

- Slim head for perfect accessibility.
- Neat and precise cut.
- Soft bimaterial sheathing for good grip.



	L (mm)	d (mm) soft copper-aluminium	Weight (g)		EAN
E117882	110	1,3	20	1	3258951178829

LIFT
Max lift 504mm.
HEIGHT
Minimum height under body 145 mm.
WHEELS
Metal wheels.
PROTECTION
Foam protection on the handle to protect vehicle bodywork.
PROTECTION
Supplied with rubber protection on lift head.
EXPERT

AUTOMOTIVE TOOLS

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WORKSHOP EQUIPMENT

2T JACK

- EN 1494
- Minimum height under body 108 mm.
- Max lift 413 mm.
- Supplied with rubber protection on lift head and foam protection on the handle to protect vehicle bodywork.
- Metal wheels.

	Weight (g)	Weight (Kg)	EAN
E200101	25	25	3258952001010

EXTRA FLAT 2T JACK

- EN 1494
- Min height under body 80 mm.
- Max lift 375 mm.
- Working height under body 520 mm (H 90 mm).
- Overall length 870 mm.
- Supplied with rubber protection on lift head and foam protection on the handle to protect vehicle bodywork.
- Metal wheels.

	Weight (g)	Weight (Kg)	EAN
E200102	475	47,50	3258952001027

3.2T JACK

- EN 1494
- Minimum height under body 145 mm, max lift 504mm.
- Delivered with rubber protection on lift head and foam protection on the handle to protect the vehicle body.
- Metal wheels.

	Weight (g)	Weight (Kg)	EAN
E200103	365	36,50	3258952001034

SET OF JACK SEALS

- Repair kit containing a full set of the seals for a jack.
- E200117: for 2T jack E200101.
- E200118: for 2T extra flat jack E200102.
- E200119: for 3.2T jack E200103.

	EAN
E200117	3258952001171
E200118	3258952001188
E200119	3258952001195

NEW

WORKSHOP EQUIPMENT

BOTTLE JACKS

- Screw lift action.
- Handle storage support system.

NEW

	Capacity (T)	A (mm)	B (mm)	h (mm)	H (mm)	Weight (Kg)	EAN
E200108	2	95	95	183	398	2,60	3258952001089
E200109	6	115	102	219	427	5,50	3258952001096
E200110	12	134	134	240	473	8,90	3258952001102
E200111	20	159	150	242	475	13,50	3258952001119

PAIR OF AXLE STANDS

- Easy adjustment.
- Carrying handle.

	Capacity (T)	A (mm)	B (mm)	h (mm)	H (mm)	Weight (Kg)	EAN
E200105	3	170	195	292	432	6,40	3258952001058
E200106	6	235	270	390	618	14,50	3258952001065
E200107	12	307	294	432	702	25,80	3258952001072

WORKSHOP EQUIPMENT

INSPECTION CREEPER

- 6 wheels.
- Foam head rest.
- 2 tool storage trays.
- Resistant to hydrocarbons, washable.
- Dimensions: 480 x 1030 x 115 mm.

	Weight (Kg)	EAN
E200114	4,6	3258952001140

FENDER COVER

- Sewn in tool ridge to place essential tools safely & conveniently.
- Protects the bodywork from scratches.
- Thick hydrocarbon-resistant vinyl.
- Dimensions: L.86 x W.66 cm.

NEW

	Weight (g)	EAN
E200116	700	3258952001164

DRAIN-PLUG WRENCH

- 8 and 10 mm drive bits.
- Designed for use on PEUGEOT, CITROEN and RENAULT vehicles.

	Weight (g)	EAN
E200202	300	3258952002024

OIL CHANGE-FILTRATION

13 PIECE DRAIN-PLUG BITS SET

- 6 x hex bit sockets 8 - 10 - 12 - 13 - 14 - 17 mm.
- 4 x male drive bit 8 - 10 - 10.5 - 13.1 mm.
- 1 female square.
- 1 x XZN.
- 1 x triangle.
- 6 x 6-point keys 8 - 10 - 12 - 13 - 14 - 17 mm.

	Weight (g)	Qty	EAN
E200203	450	13	3258952002031

3/8" DRAIN PLUG HEX BITS

	A (mm)	Weight (g)	EAN
E200209	8	28	3258952002093
E200210	10	30	3258952002109
E200211	12	34	3258952002116
E200212	13	36	3258952002123
E200213	14	38	3258952002130
E200214	17	48	3258952002147

NEW

3/8" DRAIN PLUG DRIVE BITS

	A (mm)	Weight (g)	EAN
E200204	8	30	3258952002048
E200205	10	32	3258952002055
E200206	10,50	34	3258952002062
E200207	13,10	38	3258952002079

NEW

3/8" DRAIN PLUG FEMALE BIT - 10 MM

	Weight (g)	EAN
E200208	32	3258952002086

NEW

OIL CHANGE-FILTRATION

3/8" DRAIN PLUG MALE XZN BIT - 16 MM

NEW

	Weight (g)	EAN
E200216	36	3258952002161

3/8" DRAIN PLUG MALE TRIANGLE BIT - 10 MM

NEW

	Weight (g)	EAN
E200215	26	3258952002154

ADJUSTABLE OIL-FILTER WRENCH

- For filters from 60 to 110 mm.
- For most oil filters on LV LCV.

	Weight (g)	EAN
E117117	250	3258951171172

ADJUSTABLE OIL-FILTER WRENCH - HGV

- For filters from 110 to 165 mm.
- For most oil filters on HGV.

	Weight (g)	EAN
E200219	350	3258952002192

OIL CHANGE-FILTRATION

OIL-FILTER CAP WRENCHES

- 30 pieces.
- 3/8" drive.
- 3/8" to 1/2" adapter.
- Universal autolocking cap included.
- Set covers 85% oil filters of the makers in the following groups:
  PEUGOT, RENAULT, FIAT, ALFA, LANCIA, VAG, BMW, MERCEDES, VOLVO, SAAB, ROVER, JAGUAR, LOTUS, TOYOTA, SUZUKI.

	Qty	Weight (Kg)	EAN
E200201	30	7	3258952002017

UNIVERSAL AUTOLOCKING OIL FILTER "CAP" WRENCH

- Ø : 65-120 mm.

	Weight (g)	EAN
E200229	450	3258952002291

NEW

OIL CHANGE-FILTRATION

OIL CHANGE COLLECTION TRAY

- Capacity 8 litres.
- Impact and hydrocarbon-resistant.
- To be used for floor oil change.

NEW

	Weight (g)	EAN
E200227	640	3258952002277

OIL CHANGE COLLECTION AND STORAGE TRAY

- Capacity 8 litres.
- Impact and hydrocarbon-resistant.
- Indispensable to carry drained fluid.

	Weight (g)	EAN
E200228	790	3258952002284

NEW

SPARK PLUGS

SET OF 4 VAG IGNITION COIL REMOVER TOOLS

- Set of 4 clamps.
- Remove 99% VAG pen coils.
- Supplied in a plastic case with instructions.

NEW

	Weight (g)	EAN
E200503	948	3258952005032

SPARK PLUGS

3/8" SPARK PLUG SOCKETS

- ISO 11168

	d (mm)	Sided	L (mm)	Weight (g)	EAN
E200301	14	12	63,50	75	3258952003014
E200302	16	6	63,50	90	3258952003021
E200303	21	6	70	120	3258952003038

METRIC FEELER GAUGES

- 19 blades 0.04 to 1 mm.

	Weight (g)	EAN
E200307	60	3258952003076

WIRE BRUSH

- Non-slip handle.

	Weight (g)	EAN
E200306	170	3258952003069

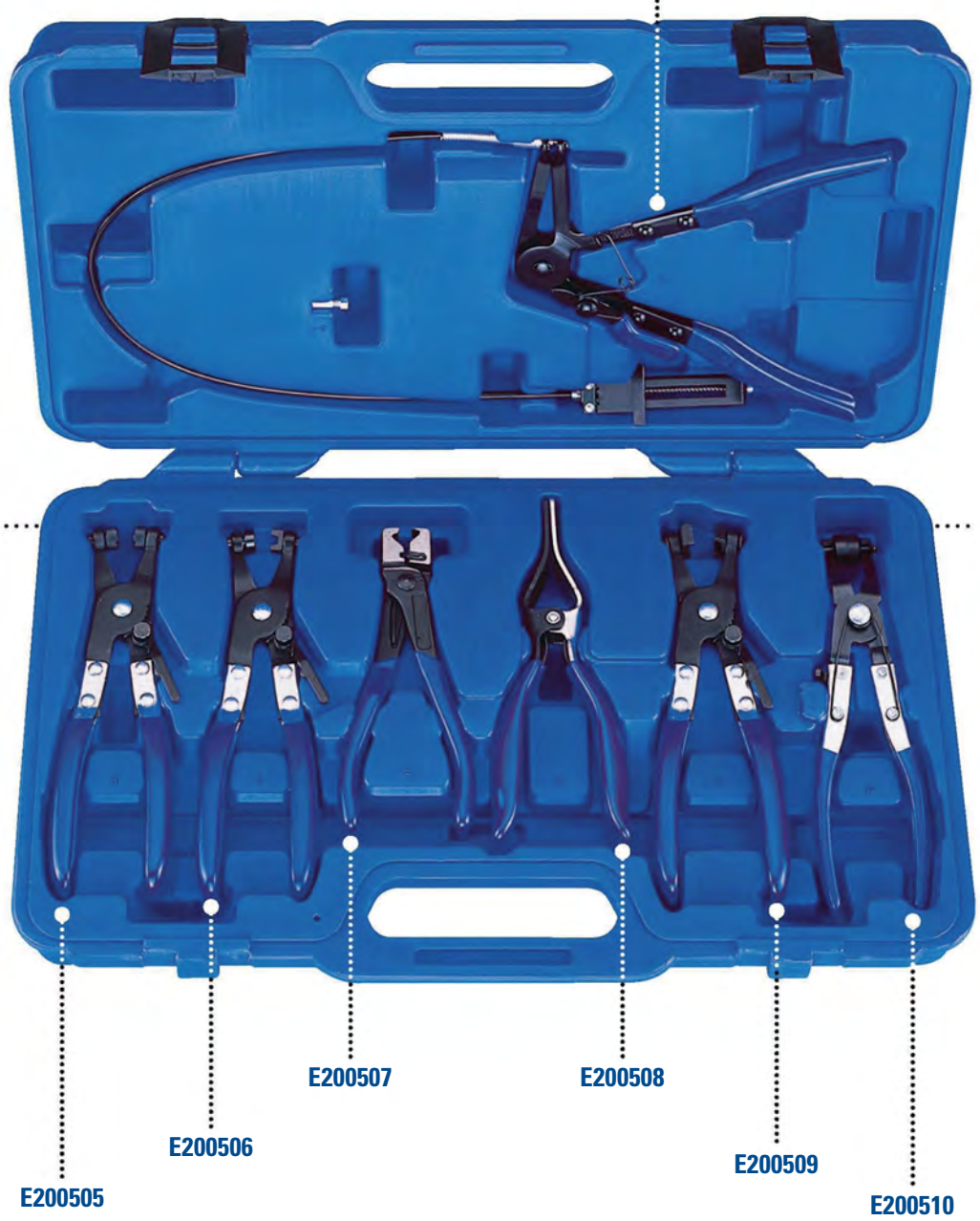
ENGINE

HOSE CLAMP PLIERS

- E200504: Hose clamp pliers with cable.
- E200505: 45° locking hose clamp pliers with pivot jaws.
- E200506: locking hose clamp pliers with pivot jaws.
- E200507: Click cabel-tie pliers.
- E200508: hose pulling flat pliers.
- E200509: standard hose clamp pliers with slit pivot jaws.
- E200510: standard hose clamp pliers with cross slit pivot jaws.

	Weight (g)	EAN
E200504	470	3258952005049
E200505	240	3258952005056
E200506	235	3258952005063
E200507	230	3258952005070
E200508	200	3258952005087
E200509	245	3258952005094
E200510	205	3258952005100

NEW

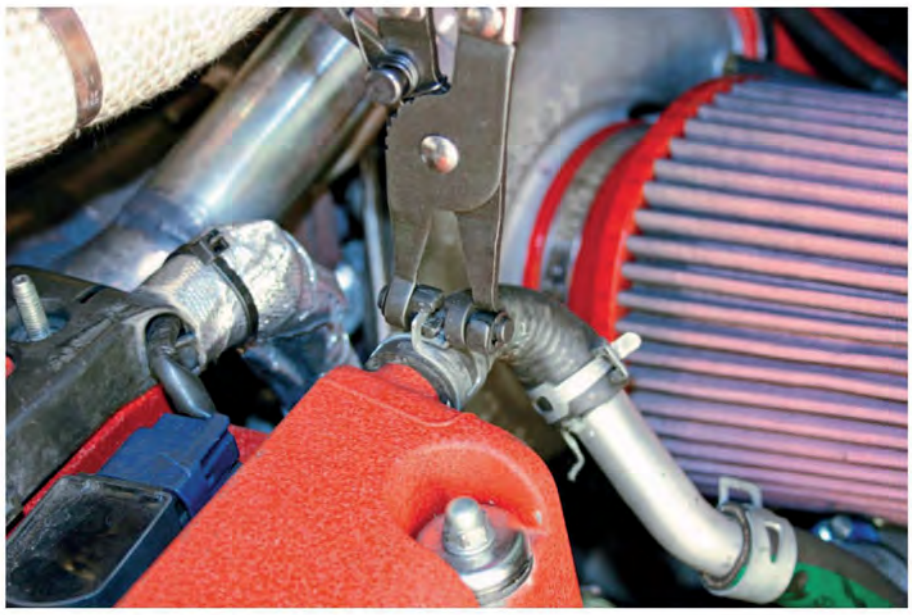


7-PIECE HOSE CLAMP PLIERS SET

- Contains 7 pliers also available as individual units:
  E200504-E200505-E200506-E200507-E200508-E200509-E200510.
- Supplied in plastic case.

	Weight (Kg)	EAN
E200501	3,10	3258952005018

NEW



ENGINE

COOLANT COLLECTION TRAY

- Slim-line: slides easily under the car.
- Capacity 30 litres.
- Dimensions: L.850 x W.600 x H.125 mm.

	Weight (Kg)	EAN
E200502	6	3258952005025

NEW

BOOSTER 12V

- Voltage: 12 V.
- Peak current: 2200 A.
- Start-up current: 840 A.
- Protection against power surges.
- Automatic charger: 1.5 A.
- Insulated zinc clamps.
- Copper cables: 55 cm / 28 mm².
- Charging level indicator.
- New EXODUS PRO-22 AGM battery.
- Strong: ABS body.

	Weight (Kg)	EAN
E200401	8,50	3258952004011

NEW

ENGINE

SPARE PARTS FOR BOOSTER 12V

E200403: mains power.

E200404: 12V car/cigarette lighter power lead.

	EAN
E200403	3258952004035
E200404	3258952004042

BRAKES

BRAKE FLUID TESTER

- Measures the percentage humidity in the brake fluid.
- Operating principle: the tester sends a low current in the brake fluid and measures its resistance.
- Graphic display: allows to view the humidity level against the standard (red zone - green zone).
- Quickly identifies whether the brake fluid needs to be changed.
- 2 reading scales: DOT 4 and DOT 5.1.
- Measurement probe connected to the device by a hose expandable to 1.5 meter: facilitates measurement in the brake jar.
- Battery: LR622 type 9V battery (not supplied).
- Battery level test by diode.
- Supplied in a plastic case with instructions.

	Weight (g)	EAN
E200903	750	3258952009030

NEW

VACUUM BRAKE BLEEDER

- Vacuum bleeder operating by Venturi principle.
- Operating pressure 6-10 bars.
- Designed for LV, Motorbike.
- Intended for brake or clutch circuits.
- Capacity 3L.
- Pressure gauge indicating the vacuum value.

	Weight (Kg)	EAN
E200901	1,05	3258952009016

RESERVOIR FILLING BOTTLE

- Allows automatic filling.
- Adapts to all diameters of brake fluid reservoir.
- Capacity 1L.
- Closing valve.

	Weight (Kg)	EAN
E200902	0,60	3258952009023

BRAKES

BRAKE CALIPER WIND BACK TOOL SET

- Pushes back left- or right-turning wind back and push back pistons.
- Supplied with 19 adapters for all makes (application list in the instructions).
- Supplied in a plastic case with instructions.

	Weight (Kg)	EAN
E200904	2,63	3258952009047

NEW

FLARING TOOL SET

- To work on pipes Ø 4.75 mm & 3/16".
- DIN or SAE standard (copper alloy tube).
- Designed to form flanges without the need to remove the pipe from the vehicle.
- Easy to use with a standard wrench.
- Supplied in a case with instructions.

	Weight (Kg)	EAN
E200905	1,40	3258952009054

NEW

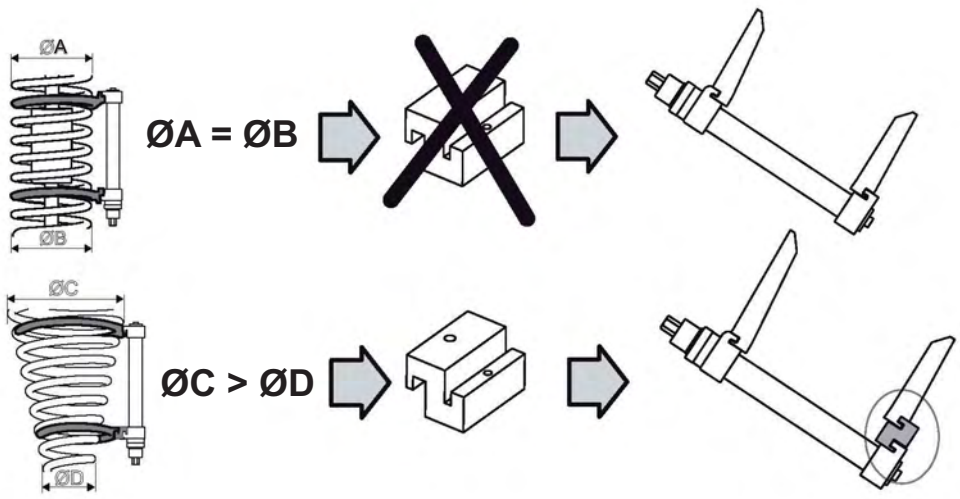
SUSPENSION

SPRING COMPRESSOR SET

- Spring compressor with 3 pairs of forks.
- 435mm length.
- 300mm compression travel.
- Maximum power: 10200 N (about 1 ton).
- Interchangeable forks with plastic coating to protect springs from damage.
- 24 mm hex drive.
- Supplied with adaptors for tapered spring.
- Supplied in a plastic case with instructions.

	Weight (Kg)	EAN
E201001	14,30	3258952010012

NEW



SPARE PARTS FOR SPRING COMPRESSOR

E201002: set of 3 plastic protectors.

E201003: set of 5 safety pins.

	Weight (g)	EAN
E201002	250	3258952010029
E201003	25	3258952010036

NEW

WHEELS

3 PIECE BALL JOINT SEPERATOR KIT

- 1 model for ball joint Ø 24 mm.
- 1 model for ball joint Ø 28 mm.
- 1 model for ball joint Ø 34 mm.
- Supplied in a plastic case with instructions.

	Weight (Kg)	EAN
E201100	3	3258952011002

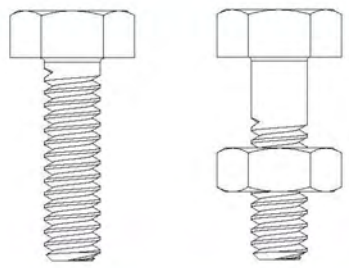
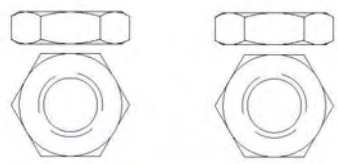
NEW

SET OF ALLOY WHEEL SOCKETS 17,19, 21 MM - 1/2"

- External plastic protection to protect alloy wheels.

	Qty	Weight (Kg)	EAN
E194676	3	0,65	3258951946763

6 POINT BOLTS

	METRIC SCREWS (Ø of screws in mm)		METRIC SCREWS (Ø of screws in mm)	
Fixed wrenches openings				
	NF EN ISO 4018	NF EN ISO 4014	NF EN ISO 4035	NF EN ISO 4032
3,2		1,6	1,6	1,6
4		2	2	2
4,5		2,3	2,2+2,3	2,2+2,3
5		2,5+2,6	2,5+2,6	2,5+2,6
5,5		3	3	3
6		3,5	3,5	
7		4	4	4
8	5	5	5	5
9				
10	6	6	6	6
11	7	7	7	7
12				
13	8	8	8	8
14				
15				
16	(10)	(10)	(10)	
17	10	10	10	10
18	(12)	(12)	(12)	(12)
19	12	12	12	12
20				
21	(14)	(14)	(14)	(14)
22	14	14	14	14
23				
24	16	16	16	16
25				
26				
27	18	18	18	18
28				
29				
30	20	20	20	20
32	22	22	22	22

( ) : ISO 691

SLOTTED HEAD SCREWS

CONFORME TO THE STANDARDS : NF - E74352 / ISO 2380 - 1 / DIN 5263

	METRIC SCREWS (ø of screws in mm)					METAL SCREWS (ø of screws in mm)			WOOD SCREWS (ø of screws in mm)		
	Countersunk head	Oval countersunk head	Cheese head	Wide cheese head	Headless	Countersunk head	Oval countersunk head	Cheese head	Countersunk head	Oval countersunk head	Round head
A x B	NF EN ISO 2009	NF EN ISO 2010	NF EN ISO 1207	NF EN ISO 1580	NF EN 24766	NF EN ISO 1482	NF EN ISO 1483	NF E 1481	NF E 25-604	NF E 25-605	NF E 25-606
0,4 x 2	1,6				2,5+3				1,6		1,6
0,4 x 2,5		1,6	1,6+1,8	1,6	3,5					1,6	2
*0,5 x 3	2	2	2	2	4	2,2	2,2	2,2	22	2	
0,6 x 4			2				2,2				
0,6 x 3,5	2,5	2,5	2,5	2,5				2,2	2,5	2,5	2,5
*0,6 x 4,5		2,5	2,5				2,2			2,5	
0,8 x 4	3	3	3	3+3,5	5	2,9	2,9	2,9	3	3	3
*0,8 x 5,5	3,5	3,5	3	3+3,5							3,5
1 x 5,5	3,5+4	3,5+4	3,5	4		3,5/3,9	3,5/3,9	3,5+3,9	4+4,5	4+4,5	4+4,5
1,2 x 6,5	4+5	4+5	4		8	4,2+4,8	4,2+4,8		5	5	5+5,5
1,2 x 8		5	5			4,8	4,2+4,8	5,5	5,5		
1,6 x 8	6	6			10+12	5,5+6,3	5,5+6,3		6	6	6
1,6 x 10		6	6	14		6,3	5,5+6,3	7+8	7		
2 x 12	8	8	8	8	16	8	8	8		8	7+8

* For screw drivers only

PHILLIPS® AND POZIDRIV® HEADS

		METRIC SCREWS (Ø of screws in mm)		METAL SCREWS (Ø of screws in mm)			WOOD SCREWS (Ø of screws in mm)		
		Oval countersunk head	Cheese head	Cheese head	Countersunk head	Oval countersunk head	Oval countersunk head Round	Round head	Countersunk head
PH	PZ	NF EN ISO 7046-1 NF EN ISO 7046-2 NF EN ISO 7047	NF EN ISO 7045	NF EN ISO 7049	NF EN ISO 7050	NF EN ISO 7051	NF E 25-602	NF E 25-603	NF E 25-601
*oo									
o	0	1,6	1,6	(2,2)	(2,2)	(2,2)	2	2	2
		2	1,8						
1	1	2,5	2	2,2	2,2	2,2	2,5	2,5	2,5
		3	2,5+3	2,9	2,9	2,5+2,9	3	3	3
		3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
2	2	4	4	4,2	4,2	4,2	4+4,5	4+4,5	4+4,5
		5	5	4,8	4,8	4,8	5	5	5
							5,5	5,5	5,5
3	3	6	6	5,5	5,5	5,5	6	6	6
				6,3	6,3	6,3	7	7	7
4	4	8	8	8	8	8	8	8	8
		10	10	9,5	9,5	9,5			

*SPECIAL SCREWS

STANDARDISATION GUIDE

TORX® HEAD

		METRIC SCREWS (Ø of screws in mm)				METAL SCREWS (Ø of screws in mm)		
		Cheese head	Countersunk head	Oval countersunk head	Oval cheese head	Cheese head	Countersunk head	Oval countersunk head
		NF EN ISO 14583	NF E 25-107	NF EN ISO 14584	NF EN ISO 14579	NF EN ISO 14585	NF EN ISO 14586	NF EN ISO 14587
T6	1,65	X	X	X	X	X	X	X
T7	1,97	X	X	X	X	X	X	X
T8	2,30	2,5	2,5	2,5	2,5	2,9	2,9	2,9
T9	2,48					2,9		
T10	2,72	3	3	3	3	3,5	3,5	3,5
T15	3,26		3,5	3,5	3,5	3,9	3,9	3,9
T20	3,84	4	4	4	4	4,2	4,2	4,2
T25	4,40	5	5	5	5	4,8+5,5	4,8+5,5	4,8+5,5
T27	4,96	XX	XX	XX	XX	XX	XX	XX
T30	5,49	6	6	6	6	6,3	6,3	6,3
T40	6,60	8	8	8	8			
T45	7,77	XXX	XXX	XXX	XXX	XXX	XXX	XXX
T50	8,79	10	10	10	10			

***SPECIAL SCREWS: X : 1,6 - 2 XX : 4,5 - 5 - 6 XXX : 8 - 10**

HEXAGONAL KEYS - 6 POINT SCREWS

	METRIC SCREWS (Ø of screws in mm)				
	Cheese head	Countersunk head	Headless	Needle headless	Tit headless
	NF EN ISO 4762	NF EN ISO 10642	NF EN ISO 4026/NF EN ISO 4029	NF EN ISO 4027	NF EN ISO 4028
0,9			2	2	2
1,3	1,4		2,5	2,5	2,5
1,5	1,6+2		3	3	3
2	2,5	3	4	4	4
2,5	3	4	5	5	5
3	4	5	6	6	6
4	5	6	8	8	8
5	6	8	10	10	10
6	8	10	12+14	12+14	12+14
7					
8	10	12	16	16	16
10	12	14+16	18+20	18+20	18+20
12	14	18+20	22+24	22+24	22+24
14	16+18	22+24			
17	20+22				
19	24+27				
22	30				
24	33				

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