

ENSTO

Ensto tools
Safe and reliable



Better life.
With electricity.

Our tools selection includes products that are especially designed to fit the needs of network installers.

ensto.com



Ensto Tools

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Making life better with electricity.

Sustainable.

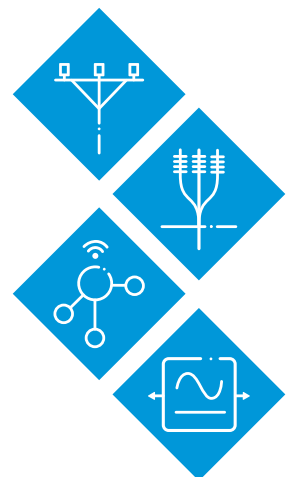
We offer smart and reliable electrical solutions and expertise for electricity distribution system operators and help them to succeed and create a more sustainable tomorrow.

For over 60 years, Ensto, a growth-oriented and international family business, has been dedicated to electricity with a long-term and human-centric approach. Currently Ensto has a total of 850 employees in 17 countries in Europe and Asia.

Ensto offers innovative and reliable, long life-cycle products and solutions for overhead lines, underground cables, power quality, and network automation.

We are the technology leader in full covered conductor solution (FCCS) and the trusted technology expert in cyber-secured Network Automation. We are also a leading technology provider for MV cold shrink.

Our proven technologies and unique customer support ensure reliable electricity distribution. We are bound by our common purpose: making life better with electricity. Sustainably.



Ensto tools



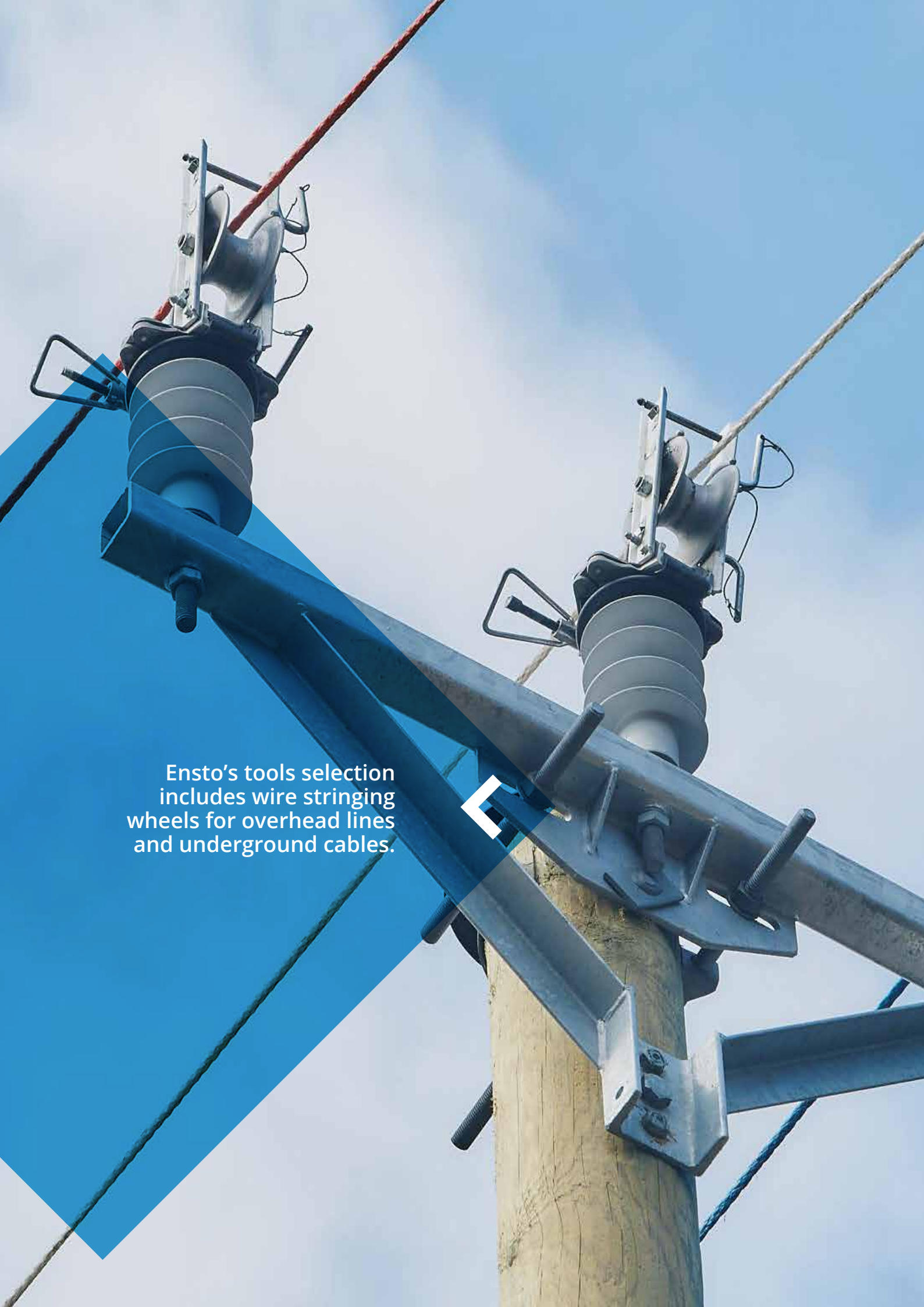
A well-performed installation lengthen a network's service life.

Our tools selection consists of high-quality cable preparation tools for medium and low voltage underground cables, installation tools for both underground cable and overhead line accessory installation and various measuring equipment.

When installers use tools that fit and are designed for their work, a reliable installation can be made safely. A well-made installation has great impact on the service life and reliability of the network.

Our most important product lines are live line tools, cable pulling equipment, pole climbing irons and earthing devices. We have also a wide selection of underground cable tools. Our tools selection includes both Ensto's own tools and our suppliers' products.





Ensto's tools selection includes wire stringing wheels for overhead lines and underground cables.

Wire stringing wheels

Our product line contains wheels for straight and angle lines. When the wheels are used, cables will not be damaged.

ST26.1 Stringing wheel, plastic wheel

Stringing wheel ST26.1 is used for straight line sections. Sheave is made of nylon and frame of galvanized steel. In dimensioning the frame, the conductor attachment beside the used clamp has been taken into account. Wheel hooks are dimensioned so that they are suitable to be hung on hooks. Size of the cable groove dia 54 mm. Breaking load is 20 kN.

Product code	GTIN	Weight kg	Package pcs
ST26.1	6418677408625	1.458	10



ST26.11 Stringing wheel, chain attachment

Stringing wheel ST26.11 is for straight line sections and inside line angles. Sheaf is made of nylon and frame of galvanized steel. By using chain attachment, the wheel can be hung at desired height and cable can be pulled out. Breaking load is 8.4 kN in direction of pole and 14.6 kN vertically to pole. Size of the cable groove dia 54 mm.

Product code	GTIN	Weight kg	Package pcs
ST26.11	6418677410116	3.9	3



ST26.22 Stringing wheel, chain attachment, double wheels

Stringing wheel for poles in corner with two sheaves. Sheaves are made of nylon and frame of galvanized steel. The frame solution of stringing wheel makes it possible to pull cable around corners. Chain attachment is simple and quick. In placing the sheaves, the necessary dimensions are to be taken into account when moving the cable to clamp. Distance between the shafts of sheaves is 200 mm. Breaking load is 6 kN in direction of the pole and 24 kN vertically to pole. Size of the cable groove dia 54 mm.

Product code	GTIN	Weight kg	Package pcs
ST26.22	6418677410123	6.25	3



ST26.33 Stringing wheel, Al-wheel

Stringing wheel for straight sections. Sheave is made of aluminium alloy and frame of galvanized steel. In dimensioning the frame, the conductor attachment beside the used clamp has been taken into account. Wheel hooks are dimensioned so that they are suitable for hanging on RKKP and RKKUH hooks. Breaking load is 12 kN. Size of cable groove dia 76 mm.

Product code	GTIN	Weight kg	Package pcs
ST26.33	6418677410130	2.172	5



ST168 Stringing wheel, Mini-Eero

Is used for stringing the conductor on porcelain insulators (SDI30). Size of the cable groove dia 54 mm.

Product code	GTIN	Weight kg	Package pcs
ST168	6418677408441	2.315	1



Wire stringing wheels

ST167 Stringing wheel, Angle Mini-Eero

The stringing wheel is fixed on the neck of insulator so that the wheel and the swinging lever remain on the inner angle side.

Product code	GTIN	Weight kg	Package pcs
ST167	6418677408434	3.7	1



ST163 Stringing wheel, double Al-wheels

For LV AB cables with two wheels and chain fixing. Stringing wheel ST163 is for straight sections and inside line angles. Sheaf is made of aluminium and frame of galvanized steel. By using chain attachment, the wheel can be hung at desired height and cable can be pulled out. Breaking load is 10 kN in direction of the pole and 24 kN vertically to pole. Size of the cable groove dia 76 mm.

Product code	GTIN	Weight kg	Package pcs
ST163	6418677408397	7.4	1



ST26.99 Extension roller for SO99

This additional roller set fits easily onto the SO99 clamp. It is used when angles exceed 30 degrees.

Product code	GTIN	Weight kg	Package pcs
ST26.99	6418677405501	2.3	10



ST159 Stringing wheel, with cable ladder cleat

Stringing wheel is equipped with a cable ladder cleat.

Product code	GTIN	Weight kg	Package pcs
ST159	6418677408342	2.0	5



ST156 Stringing wheel, width of roll 180 mm

Steel tube frame fixed on a steel plate. Because of the base plate, the centre of gravity is low. The base plate is furnished with holes and so it is easy to fasten with nails to boards, etc. The rolls are of aluminium alloy and equipped with sealed ball bearings.

Product code	GTIN	Weight kg	Package pcs
ST156	6418677408311	3.892	1



ST157 Stringing wheel, for straight line

Cable pulling through wheel for underground cables. Steel tube frame is fixed on a steel plate. Because of the base plate, the centre of gravity is low. The base plate is furnished with holes and so it is easy to fasten with nails to boards, etc. The rolls are of aluminium alloy and equipped with sealed ball bearings. Width of roll 180 mm.

Product code	GTIN	Weight kg	Package pcs
ST157	6418677408328	3.812	1



ST158 Stringing wheel, for angle lines

Cable pulling through wheel for underground cables. Rollers can be connected together for big angles. Width of roll 180 mm.

Product code	GTIN	Weight kg	Package pcs
ST158	6418677408335	10,06	1





Pulling grips

Pulling grips are widely used in power, communications and general construction fields to pull cables and wires.

CT104 Swivel

Swivels are essential for effective pulling operation of underground cables and overhead conductors.

The swivels are fitted with bearings to prevent build up of twist and loops in the cable or pulling rope. Rope max. Ø 10 mm. Working tension 12 kN.

Product code	GTIN	Weight kg	Package pcs
CT104	6418677412103	0.45	20



CT103.35 Pulling grip

Pulling grips are made of high grade galvanised steel wire, in a double weave construction for safe and secure cable pulling. Grip length is 600 mm. Conductor Ø 20 - 30 mm. SMFL 22 kN.

Product code	GTIN	Weight kg	Package pcs
CT103.35	6418677412073	0.232	1



CT103.50 Pulling grip

Pulling grips are made of high grade galvanised steel wire, in a double weave construction for safe and secure cable pulling. Grip length is 600 mm. Conductor Ø 30 - 40 mm. SMFL 36 kN.

Product code	GTIN	Weight kg	Package pcs
CT103.50	6418677412080	0.303	1



CT103.95 Pulling grip

Pulling grips are made of high grade galvanised steel wire, in a double weave construction for safe and secure cable pulling. Grip length is 600 mm. Conductor Ø 40 - 50 mm. SMFL 54 kN.

Product code	GTIN	Weight kg	Package pcs
CT103.95	6418677412097	0.586	1



ST103.658 Pulling grip

Pulling grips are made of high grade galvanised steel wire, in a double weave construction for safe and secure cable pulling. Grip length is 600 mm. Conductor Ø 65 - 80 mm. SMFL 70 kN.

Product code	GTIN	Weight kg	Package pcs
ST103.658	6418677434600	1.11	1



Pulling grips

ST103.501 Pulling grip

For pulling out bare and covered conductor overhead lines through rollers and pulley fittings. The pulling grip is made of high strength metal. The construction is made to prevent damage to other equipment during the pulling operation.

To secure maximum tension force 18 kN, it is recommended to tape the back end of the stocking on to the conductor with a 50 mm broad PVC tape zone. Grip length is 1000 mm. Conductor Ø 10 - 20 mm.

Product code	GTIN	Weight kg	Package pcs
ST103.501	6418677408236	0.144	1



ST103.502 Pulling grip

For pulling out bare and covered conductor overhead lines through rollers and pulley fittings. The pulling grips are made of high strength, parallel stranded fibers and they have a polyethylene sheath. The plastic material is non-conductive, non-corrosive and abrasion resistant. The construction is made to prevent damage to other equipment during the pulling operation.

To secure maximum tension force 11 kN, it is recommended to tape the back end of the stocking on to the conductor with a 50 mm broad PVC tape zone. Grip length is 1000 mm. Conductor Ø 10 - 20 mm.

Product code	GTIN	Weight kg	Package pcs
ST103.502	6418677408243	0.062	1



Come along clamps

Come along clamps are widely used in power, communications and general construction fields to maintain temporary tension of cables until they can be permanently terminated.

ST102.50 Come along clamp

For tensioning overhead line spans of four core cables 4x25-50 mm². The grips cover a wide range of diameters and can supply high-tension force.

Product code	GTIN	Weight kg	Package pcs
ST102.50	6418677430770	2.3	1



ST102.95 Come along clamp

For tensioning overhead line spans of four core cables 4x70-95 mm². The grips cover a wide range of diameters and can supply high-tension force.

Product code	GTIN	Weight kg	Package pcs
ST102.95	6418677430787	4.31	1



ST102.120 Come along clamp

For tensioning overhead line spans of four core cables 4x120 mm². The grips cover a wide range of diameters and can supply high-tension force.

Product code	GTIN	Weight kg	Package pcs
ST102.120	6418677430794	4.3	1



CT102.501 Come along clamp

For tensioning the overhead line spans of both bare and covered conductors. The grips cover a wide range of diameters 7.87 - 13.46 mm and make a good fixing and high tension force. CT102 fits an articulated construction. It is easy to install and change on the line.

Product code	GTIN	Weight kg	Package pcs
CT102.501	6418677409196	1.7	1



Come along clamps

CT102.1201 Come along clamp

For tensioning the overhead line spans of both bare and covered conductors Ø 13.46 - 18.80 mm. The grips cover a wide range of diameters and make a good fixing and high tension force. CT102 fit an articulated construction. It is easy to install and change on the line.

Product code	GTIN	Weight kg	Package pcs
CT102.1201	6418677409189	3.77	1



CT105.20 Come along clamp

For tensioning overhead line spans of single wires Ø 4 - 20 mm.

Product code	GTIN	Weight kg	Package pcs
CT105.20	6418677416132	2.75	10



CT105.35 Come along clamp

For tensioning overhead line spans of single wires Ø 3 - 8 mm.

Product code	GTIN	Weight kg	Package pcs
CT105.35	6418677416149	0.828	1



CT105.70 Come along clamp

For tensioning overhead line spans of single wires Ø 5 - 10 mm.

Product code	GTIN	Weight kg	Package pcs
CT105.70	6418677416156	1.16	1



Cable hoists

Cable hoists are used for pulling and tightening of cables. The hoist is a very useful tool for lifting, letting down or pulling different loads. Different wire lengths can be used.

ST116.1 Cable hoist 1500 kg

A hand powered hoist with a ratcheted wheel. Used for line tensioning. Pulling load limits 750 kg of single wire and 1500 kg of double wire. Lift height: single wire 4 m and double wire 2 m.

Product code	GTIN	Weight kg	Package pcs
ST116.1	6418677414190	5.00	1



CT116.3 Cable hoist 900 kg

A hand powered hoist with a ratcheted wheel. Used for line tensioning. Pulling load limits 450 kg of single wire and 900 kg of double wire. Lift height: single wire 7 m and double wire 3.5 m.

Product code	GTIN	Weight kg	Package pcs
CT116.3	6418677412158	6.39	1



CT116.7 Cable hoist 1360 kg

A hand powered hoist with a ratcheted wheel. Used for line tensioning. Pulling load limits 680 kg of single wire and 1360 kg of double wire. Lift height: single wire 9 m and double wire 4.5 m.

Product code	GTIN	Weight kg	Package pcs
CT116.7	6418677412165	7.02	1



CT116.9 Cable hoist 1800 kg

A hand powered hoist with a ratcheted wheel. Used for line tensioning. Pulling load limits 900 kg of single wire and 1800 kg of double wire. Lift height: single wire 6 m and double wire 3 m.

Product code	GTIN	Weight kg	Package pcs
CT116.9	6418677412172	5.67	1



Cable drum stands

Cable drum stands are used when handling cable drums. Because the drum stands have a large range in axel height, nearly all drum sizes are compatible with them.

ST171 Cable drum stand

This drum stand has axel height of 350 to 1200 mm. The stands chassis is made of hot dip galvanized steel pipe. Due to wide range in axel height settings, almost all cable drums are compatible with this model. During the reeling, all hydraulics must be turned off. The drum stands are delivered without axels. ST171.2 is a hydraulic jack for the drum stand.

Product code	GTIN	Weight kg	Package pcs
ST171	6418677408489	72	1
ST171.2	6418677438837	7.5	1



ST170 Cable drum lifting device, chain and swivel

Cable drum lifting device is equipped with a swivel. Suitable for K - J drums. Max. load 2850 kg.

Product code	GTIN	Weight kg	Package pcs
ST170	6418677408472	4.7	1



ST169 Cable drum lifting device, chain and swivel

ST169 is a cable drum lifting device. Max. load 500 kg.

Product code	GTIN	Weight kg	Package pcs
ST169	6418677408465	4.2	1



Pole climbing irons

Ensto's pole climbing irons include two different models: the sickle and the duck. The position of installers' feet is especially good in the duck model and thus, feet will not become tired when working in the pole.

ST155.8, ST155.11 and ST155.14 Pole climbing irons

Pole climbing irons ST155 are made of alloyed and heat-refined steel. The welded and forged areas of the irons are tested for cracks. Irons are supplied with straps.

ST155.8 pole max Ø 200 mm

ST155.11 pole max Ø 280 mm

ST155.14 pole max Ø 350 mm

Product code	GTIN	Weight kg	Package pcs
ST155.8	6418677408304	2.6	1
ST155.11	6418677408281	2.7	1
ST155.14	6418677408298	2.8	1



CT2 Pole climbing irons

The irons are made of Al-alloy. They can be adjusted to different sizes of wooden poles Ø 200-300 mm.

Product code	GTIN	Weight kg	Package pcs
CT2	6418677408786	4.2	1



PER20 Strap set

Strap set for pole climbing irons ST155.

Product code	GTIN	Weight kg	Package pcs
PER20	6418677410710	0.26	1



Hand tools

Ensto's hand tools are designed to help installation work and to secure a reliable installation.

COT36 Steel buckle

The buckle COT36 is used with the band COT37, for example, when attaching band hooks on poles.

Product code	GTIN	Weight kg	Package pcs
COT36	6418677412189	0.013	100



COT37 Steel band 19 x 0.75

The band COT37 is used with the buckle COT36 in, for example, attaching band hooks on poles.

Product code	GTIN	Weight kg	Package pcs
COT37	6418677412196	2.875	25



CT42 Tightening tool

CT42 is a special tool which is used for tightening steel band COT37.

Product code	GTIN	Weight kg	Package pcs
CT42	6418677412332	1.95	1



ST144.1 Telescope rod

Telescope rod length is 9.0 m. Suitable for live line work under 1 kV.

Product code	GTIN	Weight kg	Package pcs
ST144.1	6418677419522	4.1	1



ST33 Operating rod

Pole fuse switches can be operated from the ground by using this operating rod. Length is 2/1,3 m.

Product code	GTIN	Weight kg	Package pcs
ST33	6418677405532	1	1

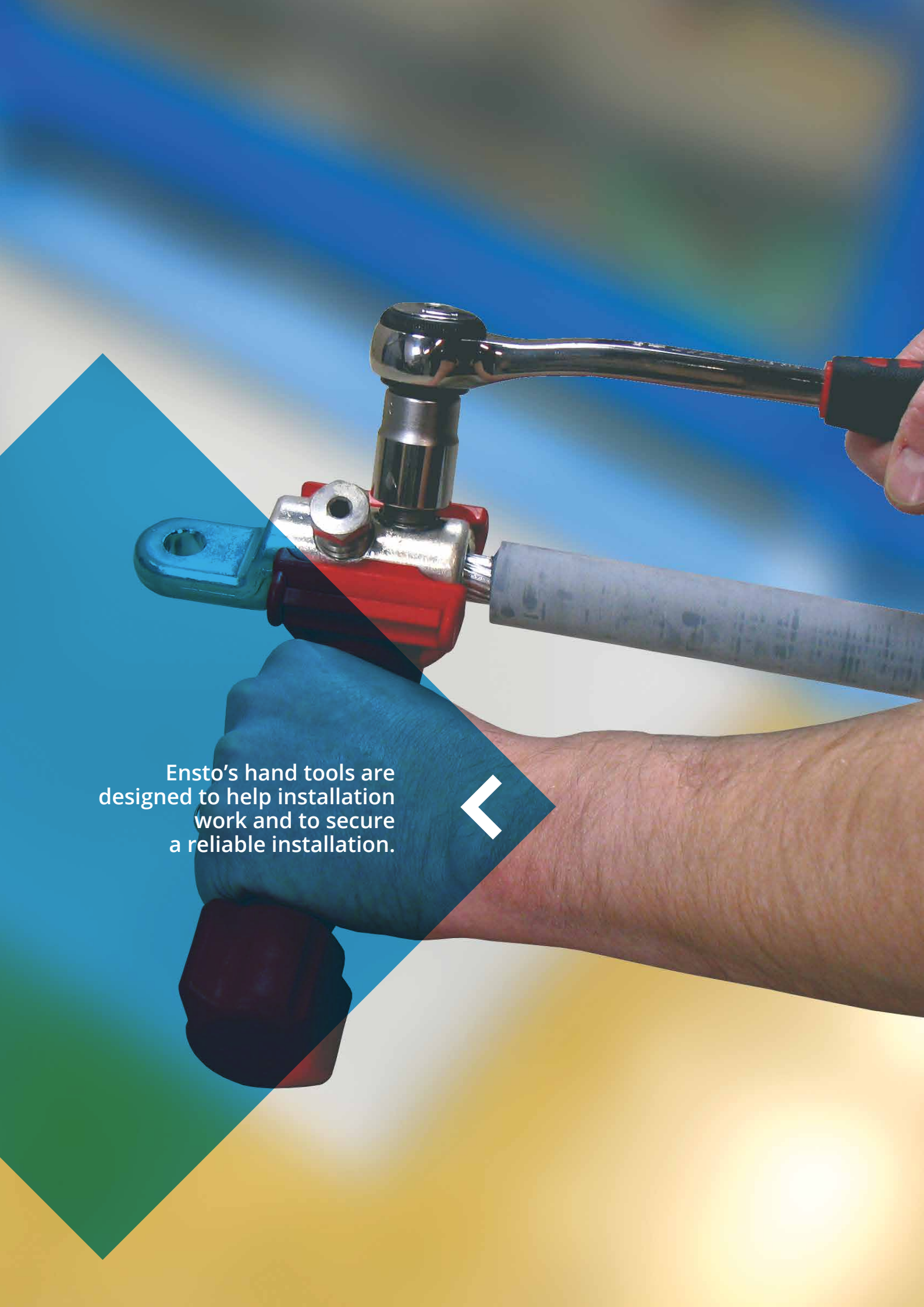


ST192 Wedge tool

During the installation of connectors, the phase conductors of an insulated twisted overhead cable can be separated by using wedge ST192. The wedge can be used when installing suspension clamps.

Product code	GTIN	Weight kg	Package pcs
ST192	6418677408588	0.14	10





Ensto's hand tools are designed to help installation work and to secure a reliable installation.



Hand tools

ST31 Wedge tool

During the installation of connectors, the phase conductors of an insulated twisted overhead cable can be separated by using wedge ST31. The wedge can also be used when installing suspension clamps.

Product code	GTIN	Weight kg	Package pcs
ST31	6418677405518	0.109	10



PM154 Distance wedge

During the installation of connectors, the phase conductors of an insulated twisted overhead cable can be separated by using wedges. These wedges are left in the cable after the installation. Conductors max. 4x50 mm².

Product code	GTIN	Weight kg	Package pcs
PM154	6418677408816	0.017	500



PMR87 Distance wedge

During the installation of connectors, the phase conductors of an insulated twisted overhead cable can be separated by using wedges. These wedges are left in the cable after the installation. Conductors max. 4x95 mm².

Product code	GTIN	Weight kg	Package pcs
PMR87	6418677408830	0.022	250



ST30 Torque wrench 12-60 Nm

For tightening connectors and fittings with standard sockets. With aluminium connectors, it is essential that the bolts are tightened by using the correct torque. ST30 is a high quality adjustable wrench with a wide torque range. The read-outs are given in Nm and lbs.-ft. Socket adaptor mount 1/2".

Product code	GTIN	Weight kg	Package pcs
ST30	6418677408755	0.89	10



ST34 Fork wrench

The ST34 is for holding the connector while tightening the bolts. Approved also for insulation piercing connectors with live conductors.

Product code	GTIN	Weight kg	Package pcs
ST34	6418677405549	0.337	25



ST32 Allen key 6 mm

The ST32 is approved also for insulation piercing connectors with live conductors.

Product code	GTIN	Weight kg	Package pcs
ST32	6418677405525	0.079	25



ST18 Wire brush

Used for aluminium connections. It is important to remove the Al-oxide from the aluminium surfaces by using a wire brush. Further oxidation is prevented by using joint compound SR1. ST18.2 is the carrying case for ST18.

Product code	GTIN	Weight kg	Package pcs
ST18	6418677405440	0.072	1
ST18.2	6418677405457	0.022	1



Hand tools

SR1 Joint compound

SR1 is used to prevent oxidation on aluminium surfaces. The use of the wire brush and joint compound SR1 reduces the transition resistance. It also protects the connection from corrosion. There are no skin-irritant ingredients in the grease. Used for SL, SM and KG connectors and aluminium, steel and copper conductors.

Product code	GTIN	Weight kg	Package pcs
SR1	6418677405402	0.254	25



CT164 Ratchet wrench

For installation of connectors and suspension fittings. The wrench body is made of steel and the grip of oil resistant rubber. The wrench is double-sided 13 and 17 mm.

Product code	GTIN	Weight kg	Package pcs
CT164	6418677414213	0.254	20



ST112 Dynamometers

Used for setting the correct tension on all kinds of overhead line conductors. The dynamometers are light weight and compact. They have a built-in measuring dial with scales according to the maximum load. Eyelet 16 mm.

CT112.1 max load 1000 kg

CT112.2 max load 2000 kg

CT112.3 max load 3000 kg

Product code	GTIN	Weight kg	Package pcs
ST112.1	6418677414152	1.179	1
ST112.2	6418677414169	1.2	1
ST112.3	6418677414176	2.3	1



CT48.44 and CT48.64 Shotgun sticks

With the shotgun sticks, you can snap on any length requirement. Ideal for extra long reach in substations. Unsurpassed for trouble shooters.

CT48.64 Operating length max. 7.4 m.

CT48.44 Operating length max. 4.8 m.

Product code	GTIN	Weight kg	Package pcs
CT48.64	6418677408793	7.74	1
CT48.44	6418677412356	6.40	1



CT45.21 Shotgun stick

With CT45.21, you can snap on any length requirement. Ideal for extra long reach in substations. When completed with detachable head assembly, intermediate sections can be added for longer lengths. Overall length 2.1 m.

Product code	GTIN	Weight kg	Package pcs
CT45.21	6418677412349	2.5	1



CT45.12 and CT45.18 Shotgun stick extension sections

Extensions are used with single section sticks to make up longer lengths.

CT45.12 Length of extension section 1.2 m

CT45.18 Length of extension section 1.8 m

Product code	GTIN	Weight kg	Package pcs
CT45.12	6418677409301	0.99	1
CT45.18	6418677409318	1.6	1



Live line tools

Ensto has developed connectors for medium voltage live line work in co-operation with electricity power companies. In the design process, we have used our wide experience in low voltage live line work. The used tools are chosen according to suitable work methods.

CT48.100 Insulated head assembly

CT48.100 is used with all sectional shotgun stick bases and extension sections.

Product code	GTIN	Weight kg	Package pcs
CT48.100	6418677411632	0.7	1



CT48.8204 and CT48.8206 Fixed length shotgun sticks

Fixed length shotgun stick with an internal operating rod.

CT48.8204 overall length 1.4 m

CT48.8206 overall length 2.0 m

Product code	GTIN	Weight kg	Package pcs
CT48.8204	6418677450303	1.86	1
CT48.8206	6418677450310	2.22	1



CT194.8 Universal hot stick

The CT194.8 stick with universal head adapts to all standard universal tool fits.

Overall length 2.44 m.

Product code	GTIN	Weight kg	Package pcs
CT194.8	6418677433658	1.63	1



CT194.80 Carrying case

Made of durable, water resistant, nylon-reinforced vinyl.

All cases include a snap Product code flap and carrying handles. Max. length of stick 2.44 m.

Product code	GTIN	Weight kg	Package pcs
CT194.80	6418677433665	0.61	1



CT74 Multi-purpose holding tool

For holding slack conductors during sleeving. Provides positive control for shaping and bending jumpers and bush wires. Excellent means of applying factory formed tie wires, armor rods, and securing captured hardware during crimping operation. Overall length 2.4 m.

– Carrying case CT7.260

Product code	GTIN	Weight kg	Package pcs
CT74	6418677409578	2.727	5





In Finland, the only approved workmethod is the so-called insulation rodmethod. When using insulation rods, work can be done from a safe distance. The general requirements for live line work are approved work instructions and their careful follow-up.



Live line tools

CT7.260 Carrying case for CT74

Water repellent, yellow, nylon-reinforced ducting with a carrying strap attached. Snap Product code flap on open end. Overall length 2.5 m.

Product code	GTIN	Weight kg	Package pcs
CT7.260	6418677409547	0.403	1



CT8.25 Insulated ratchet cutter

For cutting ACSR and soft wire conductors max. 400 mm² or dia. 50 mm overhead lines or underground cables. Overall length 3.05 m. Includes a carrying case.

Product code	GTIN	Weight kg	Package pcs
CT8.25	6418677409592	4.9	1



CT46 Insulated jumper holder

Insulated jumper holder was designed to provide safety for installers when installing and removing energized jumpers. Can be installed with all standard shotgun sticks. Overall length 0.7m.

Product code	GTIN	Weight kg	Package pcs
CT46	6418677409325	1	1



CT46.1 Carrying case for CT46

Carrying case including three pockets.

Product code	GTIN	Weight kg	Package pcs
CT46.1	6418677409332	0.35	1



CT60.50, CT60.92 and CT60.120 Telescopic hot sticks

The triangle shape enables each section to lock in automatically. The hot sticks are versatile – use only the number of required sections to perform each job. Example: 12 m tool can be reduced to 6 m working height by depressing the lock button and sliding the bottom sections off. Easy disassembly – no tools are required. Overall lengths CT60.50 5 m, CT60.92 9.2 m and CT60.120 12 m.

Carrying case CT11.120.

Product code	GTIN	Weight kg	Package pcs
CT60.50	6418677409462	3.36	1
CT60.92	6418677412417	5.19	1
CT60.120	6418677408724	8.115	1



CT11.120 Carrying case for CT60

Water repellent, vinyl, nylon-reinforced ducting with a carrying strap attached. Snap Product code flap on open end.

Product code	GTIN	Weight kg	Package pcs
CT11.120	6418677412134	0.8	1



Live line tools

CT53 Spark protection plate

Spark protection plate is equipped with a universal fitting.

Product code	GTIN	Weight kg	Package pcs
CT53	6418677409400	0.965	1



CT59 Universal 90° adapter

When adapter is installed on universal sticks, it will allow fittings to be set at almost any angle to the stick.

Product code	GTIN	Weight kg	Package pcs
CT59	6418677409448	0.135	1



CT57 Dual purpose "V" brush

Brushes have stainless steel bristles to allow the cleanest connection possible. Stainless steel eliminates rust deterioration of bristles.

Product code	GTIN	Weight kg	Package pcs
CT57	6418677409431	0.22	1



CT7.261 Shotgun universal tool adapter

Adapts shotgun sticks to all universal attachments. Can be used with all major brand tools. Made of bronze alloy.

Product code	GTIN	Weight kg	Package pcs
CT7.261	6418677409554	0.187	50



CT178 Universal ratchet wrench

The wrench is used with standard wrench sockets. Reversible ratchet. 1/2" square drive.

Product code	GTIN	Weight kg	Package pcs
CT178	6418677457807	0.889	1



ST209 Adapter TK/Hastings

TK adapter is for telescopic hot sticks CT60.

Product code	GTIN	Weight kg	Package pcs
ST209	6418677422546	0.3	1



CT114 Universal disconnect hook

For opening and closing switches, etc. The disconnect hook is equipped with extension for hanging stick from aerial structures.

Product code	GTIN	Weight kg	Package pcs
CT114	6418677438806	0.16	1



Live line tools

CT147 Universal mirror

For inspection of "back sides". Details 5 ½ inch x 7 ½ inch. Rubber rimmed and with a ball swivel adjustment.

Product code	GTIN	Weight kg	Package pcs
CT147	6418677409288	0.36	1



CT176 Universal ball been hammer

For light impact around energized equipment. Made of silicon bronze.

Product code	GTIN	Weight kg	Package pcs
CT176	6418677459283	0.711	1



CT179 Universal bolt head wrench

Used for tightening bolts. Head wedges are kept against bolt heads to keep them from turning.

Product code	GTIN	Weight kg	Package pcs
CT179	6418677459276	0.500	1



CT55 Remote spray can holder

The spray can holder has a universal fitting. Can be used at any angle. Supplied with a 30 feet rope.

Product code	GTIN	Weight kg	Package pcs
CT55	6418677409417	0.675	1



CT162 Universal wire cutter

Wire cutter has been designed to facilitate cutting hot wires in emergency conditions. The cutter is an ideal tool for trouble trucks, service trucks and "on call" vehicles. Conductor max. Ø 14 mm.

Product code	GTIN	Weight kg	Package pcs
CT162	6418677459269	1.565	1



CT56 Insulator link for rope

The insulator link for rope is tested at 100 kV per 0,3 m 5 min. All braided ropes can trap moisture.

Product code	GTIN	Weight kg	Package pcs
CT56	6418677409424	0.279	1



CT180 Line guard

25 kV line guards are designed for easy installation and removal. They are made of bright yellow ABS plastic which gives high visibility. These guards will not warp or distort and this makes installation and removal easy.

Product code	GTIN	Weight kg	Package pcs
CT180	6418677414565	1.937	1



Live line tools

CT510 Roller link stick

Roller link sticks are used to spread and hold conductors apart for mid-span clearances by attaching tag lines to the butt swivel ring. Inside head dimensions are 57 x 57 mm so the link stick will roll easily over line splices. Head and ferrules are of aluminium alloy. Roller and eye swivel is bronze alloy.

Product code	GTIN	Weight kg	Package pcs
CT510	6418677409370	2.8	1



CT81 Hot line tool racks

Tool racks will accommodate up to 14 hot line tools. The rack support legs collapse for easy storage and transportation.

Product code	GTIN	Weight kg	Package pcs
CT81	6418677409615	4.81	1



CT76 Safety glasses

Tinted glasses make it easy to work upwards, when you are working against bright light. For example, when working with earthing devices, joint installations or voltage indicators.

Product code	GTIN	Weight kg	Package pcs
CT76	6418677409585	0.085	5



CT51 Silicone wiping cloth

For added safety and longer lifetime of live line tools, use the silicone treated cloths. The cloths deposit a water repellent film while removing dust and dirt particles from the surface of hot sticks and insulated tool handles.

Product code	GTIN	Weight kg	Package pcs
CT51	6418677409363	0.055	1



CT70 Silicone paste

Silicon paste for live line tools.

Product code	GTIN	Weight kg	Package pcs
CT70	6418677409561	0.1	1



CT50 Cleaning pads

Ultra fine, non-metallic pads can be used with all purpose cleaner to remove stubborn contamination. Note! Fiber glass wax (CT49) may be required after use of cleaner and/or pads to retain surface gloss.

Product code	GTIN	Weight kg	Package pcs
CT50	6418677409356	0.22	1



Live line tools

CT49 Hot stick boom wax

High grade carnuba wax is especially formulated to be applied to fiberglass finishes.

Product code	GTIN	Weight kg	Package pcs
CT49	6418677409349	0.4	1



CT52 All purpose cleaner

All purpose cleaner is an excellent cleaner for the following items: Fiber glass hot sticks, fiber glass booms and fiber glass buckets.

Product code	GTIN	Weight kg	Package pcs
CT52	6418677409394	3.8	1

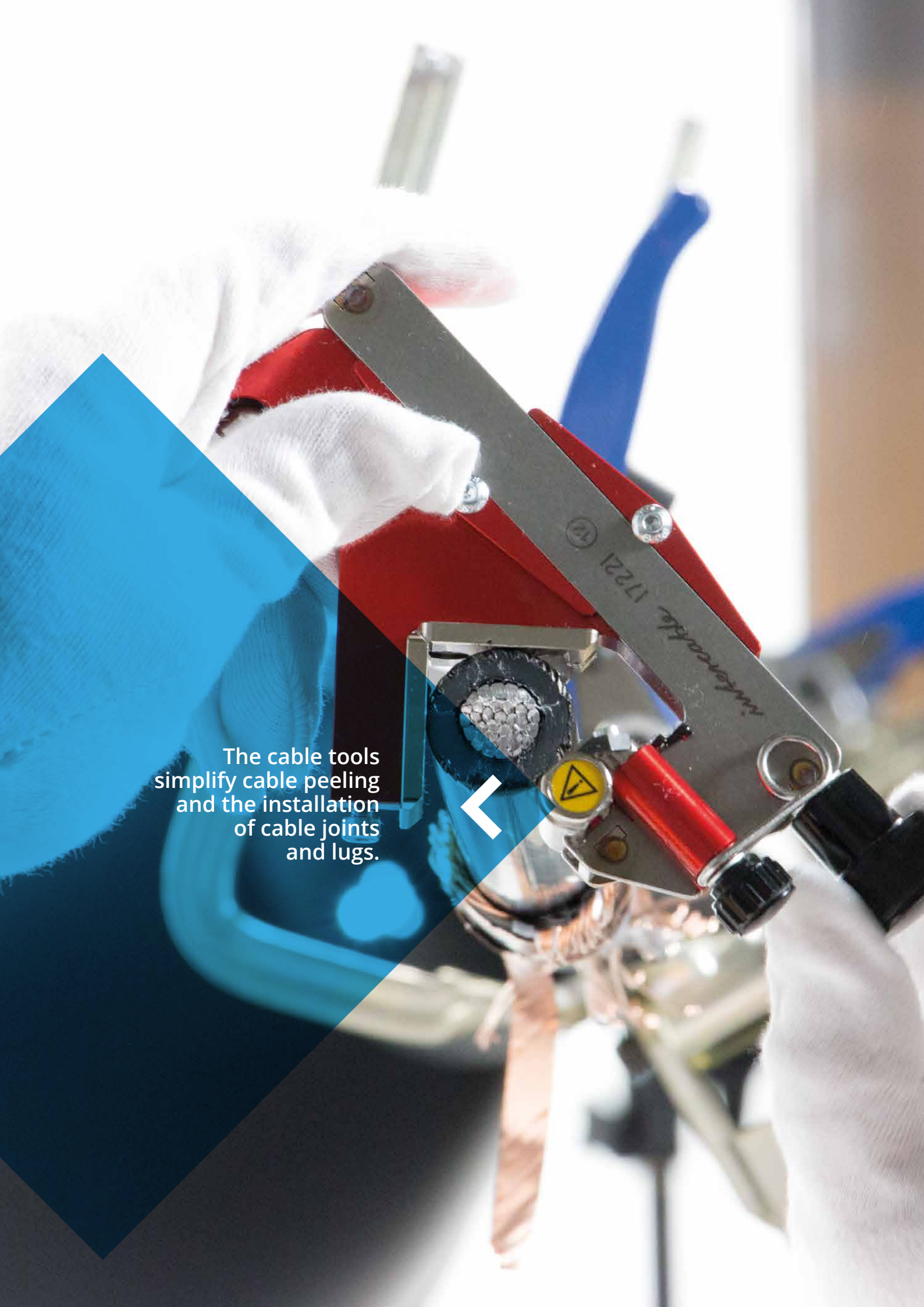


CT80 Hot stick tester

This easy-to-use tester tests hot sticks wet or dry. The tester meets OSHA 1910.269 for testing "in service" tools (wet test) and new tools (dry test). The tester has a selector switch for wet or dry and a dual range scale which gives the operator leakage values in micro amps. Hot stick tester comes with a carrying/storage case and a test bar.

Product code	GTIN	Weight kg	Package pcs
CT80	6418677409608	7.26	1





The cable tools
simplify cable peeling
and the installation
of cable joints
and lugs.

Cable tools

Our selection includes peeling tools for the insulation, insulation screen and sheath of medium voltage cables.

Medium voltage insulation removal tools

Product code	GTIN	Description
ST252	6418677457418	Insulation removal set for 20 kV cables
ST252.1	6418677457425	Spare blade for ST252
ST261	6438100314446	Insulation stripping handle for inserts ST265-273
ST266.10	6438100330286	Insulation removal insert 10kV 35mm ² for ST261
ST267.10	6438100330293	Insulation removal insert 10kV 50mm ² for ST261
ST269.10	6438100340346	Insulation removal insert 10kV 95mm ² for ST261
ST270.10	6438100330309	Insulation removal insert 10kV 120mm ² for ST261
ST271.10	6438100330316	Insulation removal insert 10kV 150mm ² for ST261
ST272.10	6438100330323	Insulation removal insert 10kV 185mm ² for ST261
ST273.10	6438100330330	Insulation removal insert 10kV 240mm ² for ST261
ST265	6438100316099	Insulation removal insert 20kV 25mm ² for ST261
ST266	6438100314453	Insulation removal insert 20kV 35mm ² for ST261
ST267	6438100316105	Insulation removal insert 20kV 50mm ² for ST261
ST268	6438100316112	Insulation removal insert 20kV 70mm ² for ST261
ST269	6438100316129	Insulation removal insert 20kV 95mm ² for ST261
ST270	6438100316136	Insulation removal insert 20kV 120mm ² for ST261
ST271	6438100316143	Insulation removal insert 20kV 150mm ² for ST261
ST272	6438100316150	Insulation removal insert 20kV 185mm ² for ST261
ST273	6438100316167	Insulation removal insert 20kV 240mm ² for ST261
ST274	6438100316174	Insulation removal tool Ø15-52 mm
ST274.1	6438100330354	Spare blade for ST274



Insulation screen removal tools

Product code	GTIN	Description
ST250	6418677457388	Bonded insulation screen removal tool 10-52 mm
ST250.1	6418677457395	Spare blade for ST250
ST308	6438100324117	Bonded insulation screen removal tool 18-60 mm
ST308.1	6438100330026	Spare blade for ST308
ST260	6438100313128	Peelable (non-vulcanized) insulation screen removal tool Ø16-41 mm
ST260.1	6438100317935	Spare blade for ST260



Cable tools

Outer sheath removal tools

Product code	GTIN	Description
ST257	6438100311940	Outer sheath/aluminium laminate removal tool Ø16-54 mm
ST257.1	6438100321383	Spare blade for ST257
ST281	6438100320232	Outer sheath/aluminium laminate removal tool Ø16-40 mm
ST281.1	6438100330002	Spare blade for ST281
ST285	6438100320270	Outer sheath/aluminium laminate splitting tool Ø16-60 mm
ST285.1	6438100330019	Spare blade for ST285
ST291	6438100329990	Outer sheath/aluminium laminate removal tool Ø16-58 mm



ST281



ST285

Cable stands

Product code	GTIN	Description
ST277	6438100317089	Cable jointing stand



Additional tools

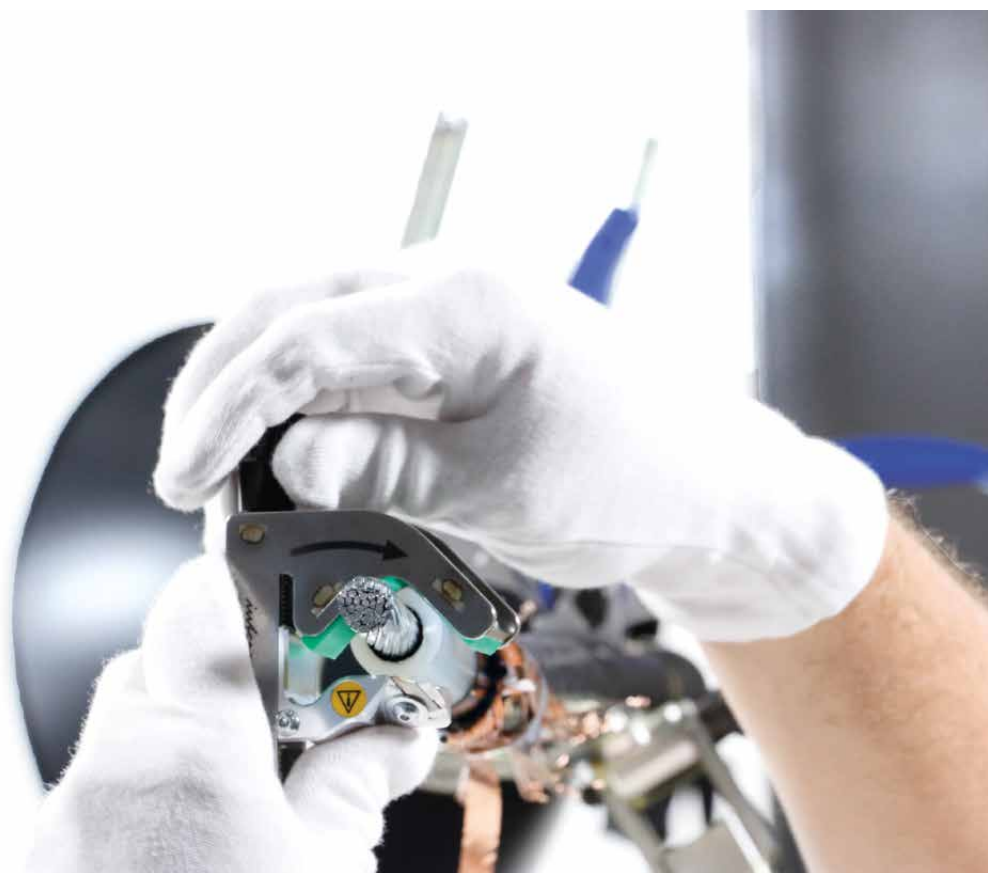
Product code	GTIN	Description
ST251	6418677457401	Holding tool for connectors/lugs
ST259	6438100312367	Wedge for spreading the outer sheath and aluminium laminate
ST286	6438100320287	Tool for spreading the outer sheath and aluminium laminate
ST258	6438100312015	Metal tie tightening tool
ST310	6438100327903	Metal tie fastening pliers
ST280	6438100318666	Insulation chamfering tool Ø15-60 mm
ST280.1	6438100324483	Spare blade for ST280



ST310



ST280



Earthing devices

Ensto's product range contains earthing devices for the earthing of low voltage overhead lines.

ST196.2 Earthing device for SZ51 and SZ152

Earthing devices are used for temporary earthing of the low-voltage network during installation work by attaching the earthing device to the pole fuse switch. Suitable for 160 A pole fuse switches with 3 poles. Conductor is included. Short-circuit current 9 kA/1 s. Comes with an earthing conductor Cu 35 mm² of 3 meters and a connector.

Product code	GTIN	Weight kg	Package pcs
ST196.2	6418677417436	2.8	1



ST197.2 Earthing device for SZ56, SZ56.1, SZ156

Earthing devices are used for temporary earthing of the low-voltage network during installation work by attaching the earthing device to the pole fuse switch. Suitable for 160 A pole fuse switches with 4 poles (3 + N). Short-circuit current 9 kA/1 s. Comes with an earthing conductor Cu 35 mm² of 3 meters and a connector.

Product code	GTIN	Weight kg	Package pcs
ST197.2	6418677432705	2.8	1



ST72.5 Earthing device for SZ41

ST72.5 is used to earth the low-voltage network during installation work by attaching the earthing device to the pole fuse switch. Suitable for 400 A pole fuse switches with 3 poles. The jaw is not included in the delivery.

Product code	GTIN	Weight kg	Package pcs
ST72.5	6418677405594	0.067	1



ST72 Earthing device for SZ46

ST72 is used to earth the low-voltage network during installation work by attaching the earthing device to the pole fuse switch. Suitable for 400 A pole fuse switches with 4 poles (3+N). The jaw is not included in the delivery.

Product code	GTIN	Weight kg	Package pcs
ST72	6418677405587	1.750	1



Voltage indicators

Ensto's product range includes voltage indicators for low voltage lines.

CT1 Direction of rotation indicator for 400 V

The direction of rotation of the three-phase system can be determined without peeling the conductor insulation. Safe for direct connections to live lines. Displays a missing phase, suitable for determining phase differences. Watertight construction. Carrying case included.

Product code	GTIN	Weight kg	Package pcs
CT1	6418677408762	1.318	1



ST97.1 Voltage indicator with carrying case

Used for checking the fuses of SZ pole fuse switches, without climbing to the pole and opening the fuse switch. By using the ST33 operating rod, the antenna of the voltage detector is pushed into the voltage measuring opening of the fuse switch. If the fuse holder is live, a small LED is lit. A live conductor can also be detected by touching the insulation of a phase conductor with the voltage indicator.

Product code	GTIN	Weight kg	Package pcs
ST97.1	6418677408687	0.4	1



ST97.2 Carrying case

Carrying case for ST97.

Product code	GTIN	Weight kg	Package pcs
ST97.2	6418677408694	0.060	1



ST97.3 Voltage indicator with buzzer

Used for checking the fuses of SZ pole fuse switches, without climbing to the pole and opening the fuse switch. By using the ST33 operating rod, the antenna of the voltage detector is pushed into the voltage measuring opening of the fuse switch. If the fuse holder is live, a small LED is lit. A live conductor can also be detected by touching the insulation of a phase conductor with the voltage indicator.

Product code	GTIN	Weight kg	Package pcs
ST97.3	6418677408700	0.342	1





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