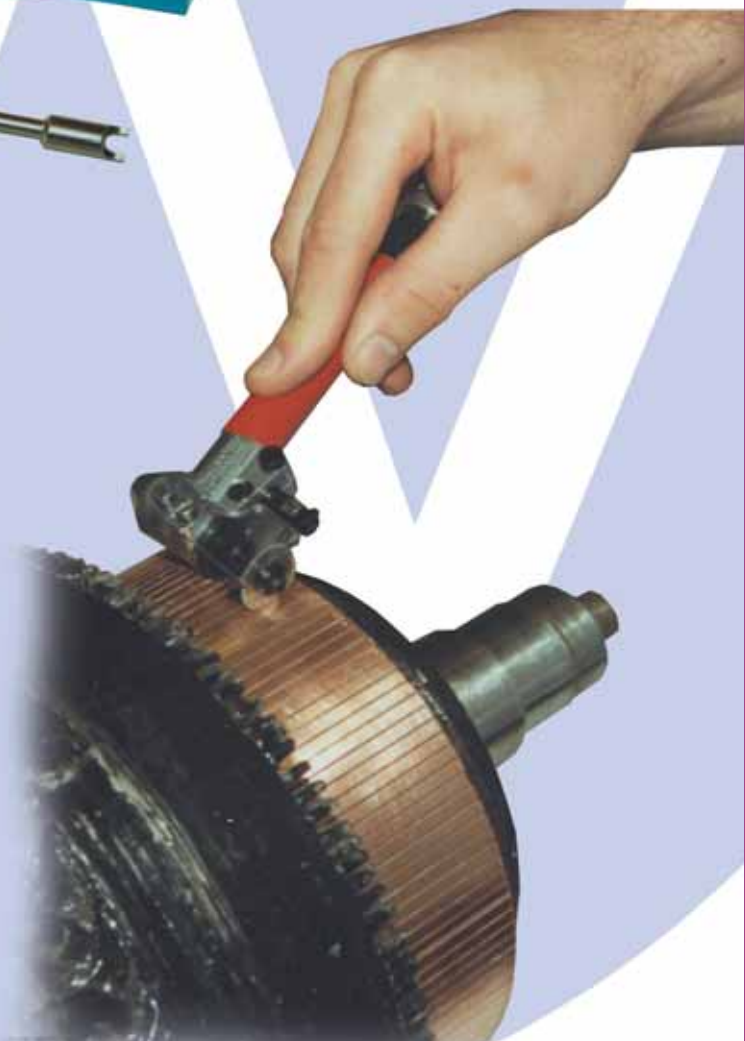


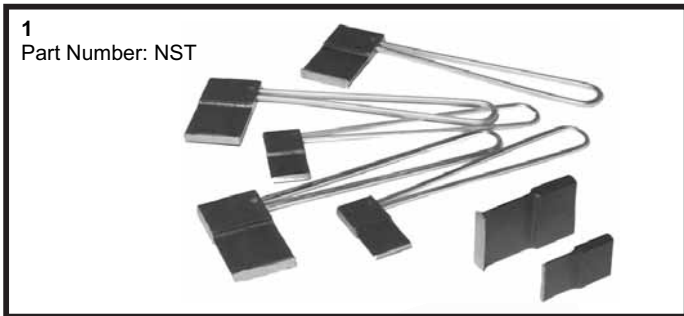


Whitelegg

Accessories for
Electric Motor &
Transformer Manufacture



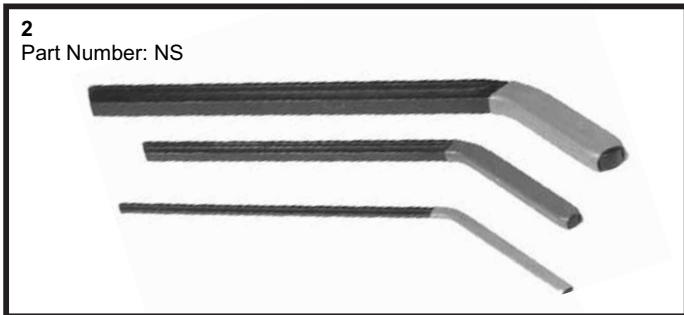
Hand Tools For Electric Motor Repair



1 WIRE INSERTING TOOLS (SLOT CLOSER)

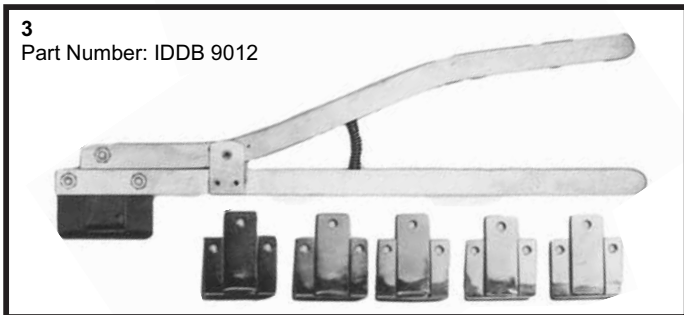
Wire Inserting Tools (Slot Closer) with or without handle, in 10 different tongue widths 3-12mm, for the insertion of wires into the slots of stators or rotors. Made of drop-forged steel for long life.

Weight: Each (with handles): 220 g
The complete set with handles: 2.2 kg



2 WIRE INSERTING TOOL (STEEL SLOT CLOSER)

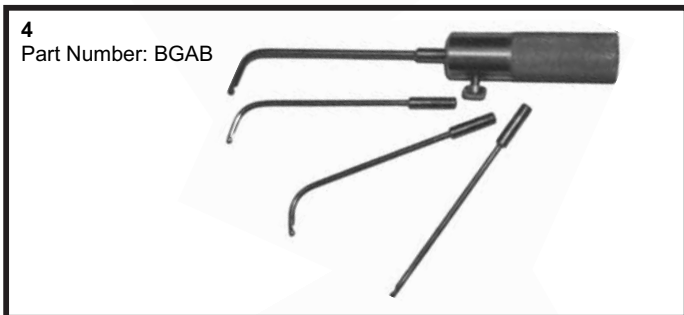
This tool is used for the insertion of wire into the slots of small-bore stators. Made in 9 widths- 2 10 mm. Especially useful for pressing down slot closures so that wedges can be easily and quickly inserted.



3 INSULATION AND WIRE PRESSING TOOL

Insulation and Wire Pressing Tool for the compression of wire in stator slots so that slot closures can be inserted more easily. Interchangeable inserts with tongue widths 3, 4, 5, 6, 8 and 10 mm are available.

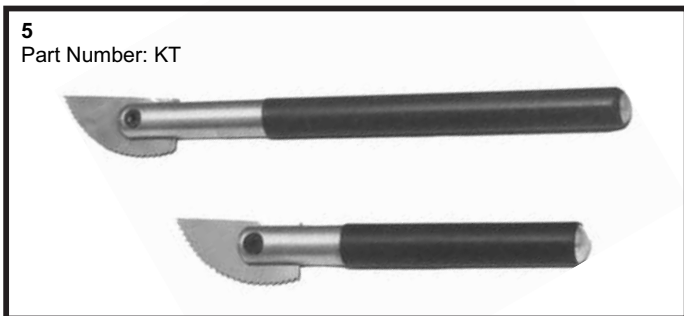
Dimensions: 280 x 12 x 90 mm
Weight: 300 gr



4 COIL TYING TOOL

Speed up the laborious job of tying stator coils with this tool. It comprises a handle with locking screw to hold four exchangeable straight and curved needles.

Length: 180 mm
Weight: 230 gr

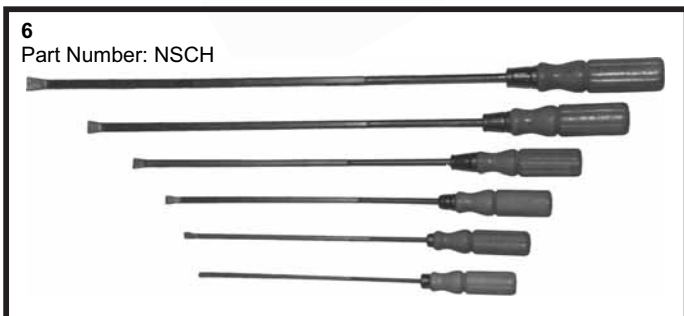


5 WEDGE INSERTING TOOL

Wedge Inserting Tool in two sizes.

KT-1 Handle length 280 mm
Blade thickness 1.5 mm
Weight: 300 gr

KT-2 Handle length 185 mm
Blade thickness 1.0 mm
Weight: 200 gr



6 SLOT SCRAPERS

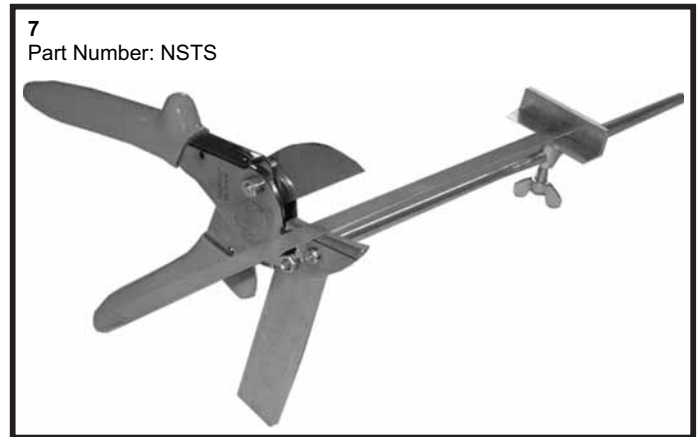
A useful tool to scrape burnt insulation off the slot surfaces. They are made in six different sizes from hardened and tempered steel with chisel-shaped end.

Length: 290, 320, 355, 415, 500 and 580 mm
Weight: set of 6 - 700 gr

7 SLOT WEDGE SHEARS

Slot Wedge Shears cut wooden and plastic slot wedges. Does not splinter wooden wedges. An adjustable stop can be set in seconds to give a repeatable length.

Dimensions: 200 x 50 mm
Weight: 450 gr



8 SLOT WEDGE AND CLOSURE SHEAR

Slot Wedge and Closure Shear robust steel construction with a special steel blade. For bench mounting. The shear has three cutting holes 6, 10 and 14 mm diameter, for a wide range of slot wedges and pre-formed closures from wood, glassfibre, mylar etc. A quickly adjustable stop allows repeatability.

Dimensions: 100 x 350 x 100 mm
Weight: 5.5 kg

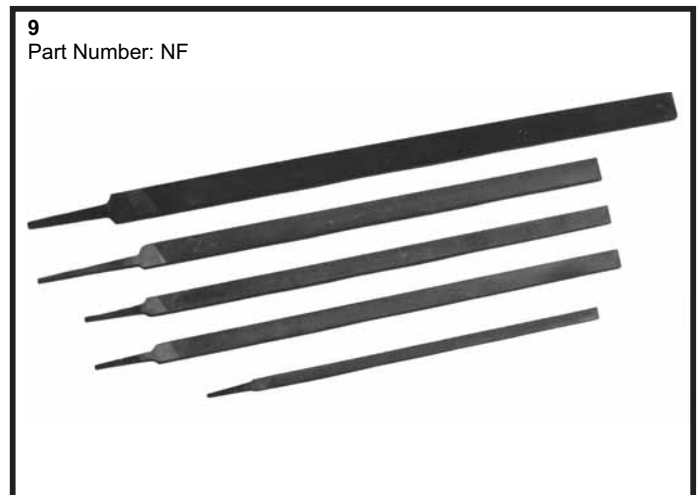


9 SLOT FILES

Parallel slot files with four cutting sides. Made in six sizes for cleaning stator and rotor slots.

| Part No. | Length | Width | Thickness mm |
|-----------|--------|-------|--------------|
| NF-300/10 | 300 | 10 | 2,8 |
| NF-400/12 | 400 | 12 | 3,0 |
| NF-400/16 | 400 | 16 | 4,0 |
| NF-400/20 | 400 | 20 | 4,0 |
| NF-500/16 | 500 | 16 | 4,0 |
| NF-500/25 | 500 | 25 | 6,0 |

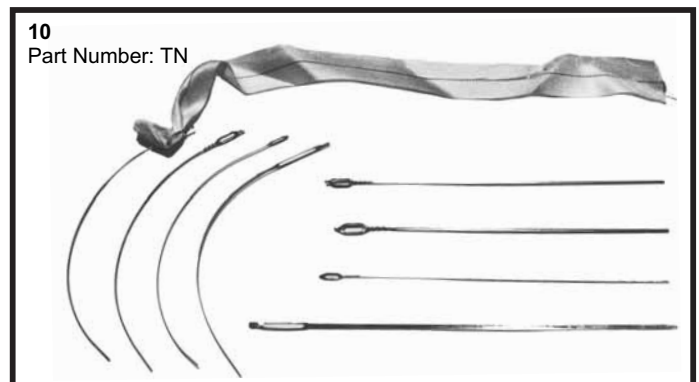
NFS - Complete set - one of each type.



10 TAPING NEEDLES

Taping Needles made from galvanised steel wire and strip. Make taping easy. Sold in packets of ten.

Round wire: 0.5, 0.7 and 1.00 mm diameter
Strip: assorted lengths 3 mm wide



11
Part Number: HT / without lock
DTMF / with lock



11 TURNTABLES

Turntables useful for working on stators, for such jobs as taping, connecting, soldering etc. Run on ball races. Non-slip top surfaces. Available with or without locking device.

| | | |
|-----------|------------|-----------------|
| Size HT-1 | 200 mm dia | Weight: 10.5 kg |
| Size HT-2 | 250 mm dia | Weight: 18.0 kg |
| Size HT-3 | 360 mm dia | Weight: 28.4 kg |

12
Part Number: NGR

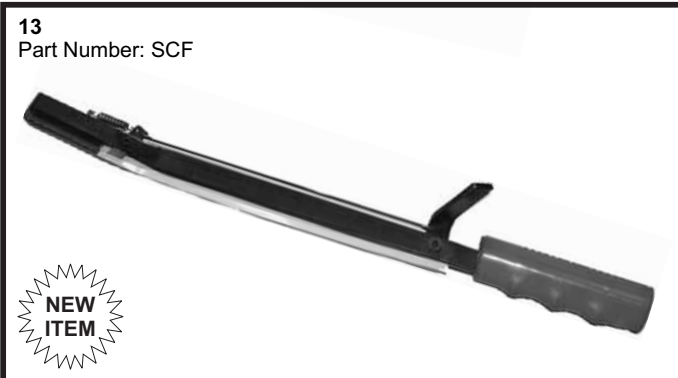


12 SLOT CLEANING TORCHES

Sold as a pair: one torch for heating the slot with oxygen and acetylene and the pistol for blowing the slot clear with oxygen. Much more effective than compressed air as it does not cool the slot but boosts the temperature.

| | |
|--------------------|----------------|
| Dimensions: | |
| Torch 400 x 40 mm | Weight: 400 gr |
| Torch 350 x 170 mm | Weight: 200 gr |

13
Part Number: SCF

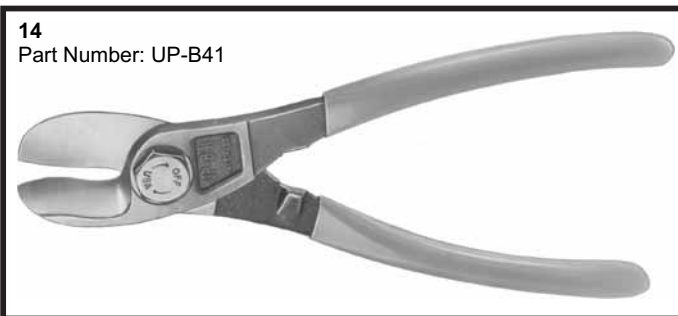


13 SLOT CLOSURE FEEDER

This useful tool grips flat or shaped slot closures of any length to be fed through the slot, the instrument pushing the wire down to make space as it goes through.

| |
|----------------|
| Length: 360 mm |
| Weight: 300 gr |

14
Part Number: UP-B41



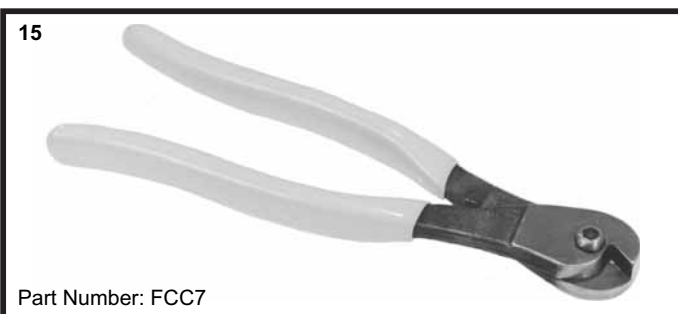
14 CABLE CUTTER "THE CLEAN CUTTER"

Ideal for cutting all multicore cables and copper or aluminium wire.

Precise one-handed shearing action Patented "off-set bite" eliminates compressed or frayed ends.

| |
|----------------|
| Length: 200 mm |
| Weight: 500 gr |

15



15 CABLE CUTTER FOR STEEL CABLE OR HEAVY COPPER WIRE/STRIP

Makes heavy section cable and wire cutting easy

| |
|----------------|
| Length: 200 mm |
| Weight: 250 gr |

16 SPG HEAVY DUTY NAMEPLATE STAMPING DEVICE

For stamping clearly and with accurately spaced figures on brass, aluminium and plastic.
 SPG 235/1 for nameplates 160 x 120 mm, fitted with a stamping wheel with figure height of choice see below

Dimensions: 260 x 220 x 240 mm
 Weight: 12 kg

SPG 235/2 for nameplates up to 100 x 60 mm, fitted with a stamping wheel with figure height of choice.

Dimensions: 230 x 200 x 240 mm
 Weight: 9 kg
 Stamping Wheels: Standard type 0-9 and A-Z .-/++<
 Letter heights available: 2.0, 2.5, 3.0, 3.5 and 4.0 mm

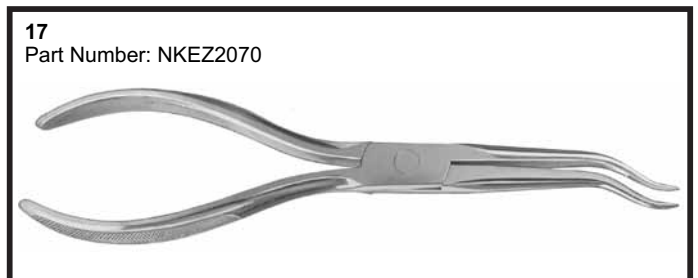


16
 Part Number: SPG

17 WINDERS PLIERS

Precision made pointed-nose pliers with a double bend. Ideal for reaching into stator slots to pull insulation pieces and slot closures through.

Dimensions: 220 x 60 mm
 Weight: 0.2 kg

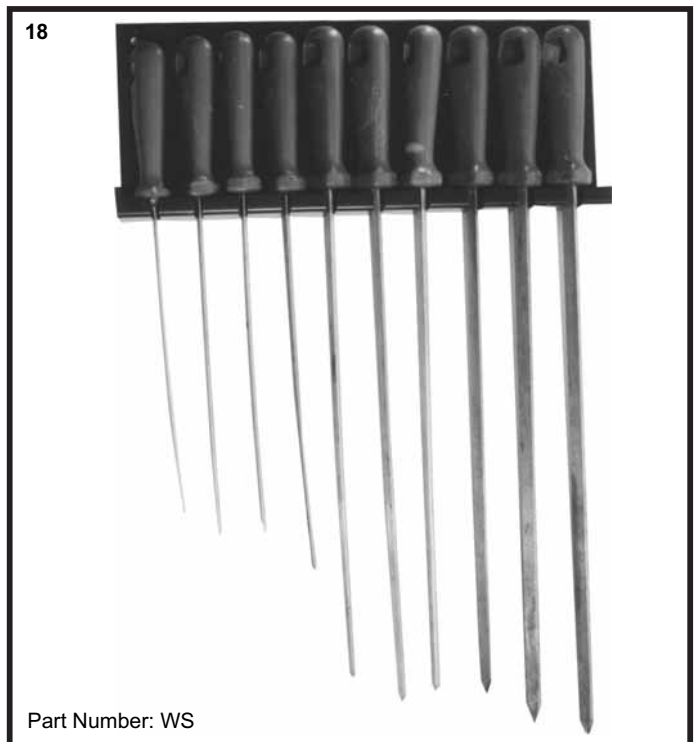


17
 Part Number: NKEZ2070

18 WIRE INSERTERS

Wire Inserters made from top quality silver steel with plastic handles. For cleanly inserting wires into stator slots and pushing them down to allow for insertion of slot closures.

| Part No. | Measurements in mm | | | |
|----------|--------------------|-----|-----|-----|
| | A | B | C | D |
| WS 2, 5 | 2,5 | 1,6 | 195 | 275 |
| WS 3 | 3 | 2,0 | 210 | 305 |
| WS 3, 5 | 3,5 | 2,3 | 235 | 320 |
| WS 4 | 4 | 2,6 | 245 | 340 |
| WS 4, 5 | 4,5 | 3,0 | 275 | 370 |
| WS 5 | 5 | 3,3 | 290 | 390 |
| WS 6 | 6 | 3,9 | 310 | 420 |
| WS 7 | 7 | 4,5 | 330 | 435 |
| WS 8 | 8 | 5,4 | 350 | 460 |
| WS 10 | 10 | 6,9 | 365 | 480 |



18
 Part Number: WS

19 INSULATION GUILLOTINE

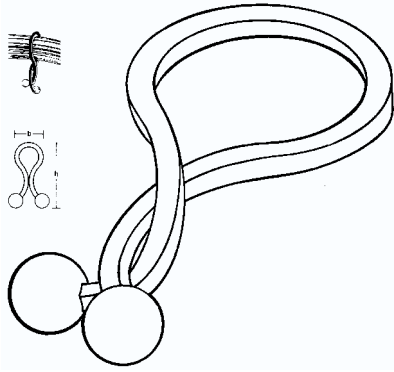
The SOLID 500 MS Guillotine is one of a range of cutters we offer for insulation material. They are suitable for cutting a wide variety of papers, plastics and foils. Versions with cutting widths from 360 mm to 1100 mm are available.

Please ask for detailed guillotine catalogue.



19
 Part Number: SOLID 7

20
Part Number: KSK



20 COIL CLIPS

Quick acting removable coil slips, specially made for holding coils firmly while they are transported from the winding machine to the work piece.

| Part No. | Width B | Height H | For coil dia |
|----------|---------|----------|--------------|
| KSK-3 | 8.5 | 20 | 3.5 – 6 mm |
| KSK-4 | 12 | 25 | 6 – 6.5 mm |
| KSK-5 | 15 | 30 | 10 – 12.5 mm |
| KSK-6 | 19 | 35 | 13.5 – 16 mm |
| KSK-7 | 23 | 40 | 17.5 – 20 mm |
| KSK-8 | 30 | 46 | 25 – 27.5 mm |

These clips may be used again and again.
Quicker to use than string or wire ties.
Made from Polyamid- temperature range -40 to + 100C.

21



Part Number: BHSP

21 SPEEDFIT BEARING HEATER

Make bearing fitting easy- a few seconds on the Speedfit expands the inner race to make it slip onto the shaft. Shown here is the popular 3 Kw model for bearings up to 100 mm wide. Other models for all sizes of bearings and rings – ask for the SPEEDFIT CATALOGUE for full details.

22
Part Number: AFMT



22 ABISOFIX WIRE STRIPPER

Abisofix Wire Stripper for removing enamelled insulation from round copper or glass wires from 0.2-4 mm. Centrifugal rotating cutters. Uses transformer from mains voltage. Extra small cutting heads allow this tool to be used in inaccessible places.

- Model AFMT-1: 0.2 – 0.8 mm
- Model AFMT-2/3: 0.6 - 2.0 mm
- Model AFMT-4: 0.5 - 4.0 mm

Model VFMT Flat Conductor Stripper uses a carbide burr (milling cutter) for removing enamel from copper strip.

Dimensions: Stripper - 45 mm dia
Transformer - 105 x 80 x 52 mm

Weight: Stripper: 600 gr
Transformer: 2.2 Kg

23
Part Number: LEX



23 ISOLEX WIRE STRIPPER

Isolex Wire Stripper strips enamelled insulation from round copper conductor. Two head sizes cover complete range. Runs direct from the mains without a transformer.

- Model 02: 0.2-1.4 mm
- Model 03: 0.3-4.0 mm

Dimensions: 50 mm dia x 220 mm Weight: 700 gr
Cutting heads are interchangeable.

24
Part Number: HP-35P



24 FLAT CONDUCTOR INSULATION STRIPPER

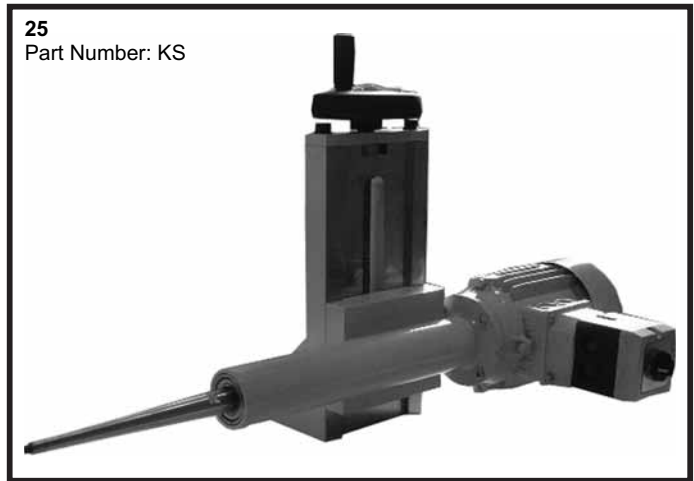
The HP-35P HEAVY DUTY WIRE STRIPPER uses wire brushes to remove enamel or glass insulation from rectangular section copper. Various grades of wire brushes available.

Dimensions: 300 x 80 mm dia
Weight: 6.0 kg

25 LATHE UNDERCUTTING ATTACHMENT

Lathe Undercutting Attachment for mounting on the tool holder of workshop lathes, the rotor being held between centres. Heavy duty vibration-free construction. Made in two sizes KS-400 for commutators up to 400 mm diameter. KS-600 for commutators up to 600 mm diameter. Full range of saws available. Designed for saws 25 mm diameter with 7 mm bore.

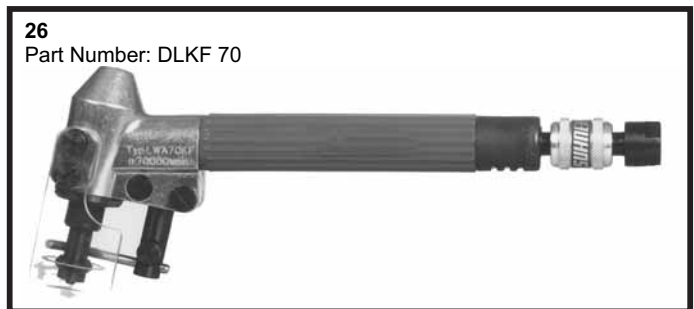
| | | |
|-------------|--------------------|--------------------|
| | KS-400 | KS-600 |
| Dimensions: | 520 x 210 x 320 mm | 600 x 240 x 400 mm |
| Weight: | 27 kg | 35 kg |



26 COMPRESSED AIR DRIVEN MICA COMMUTATOR UNDERCUTTER

Light to handle and very versatile. Uses diamond-impregnated cutting wheels, either 19 or 22 mm diameter of widths 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 and 1.0 mm. This tool runs at 20,000 rpm. Must be used with air filter and lubricator.

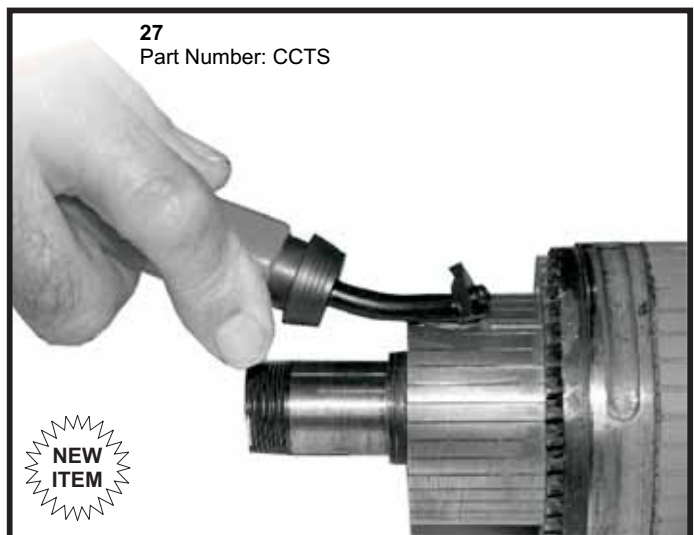
Dimensions: 190 x 70 x 35 mm Weight: 175 gr



27 COMMUTATOR CHAMFER TOOL

This useful tool is fitted with a three-cornered carbide insert, which chamfers the copper on both sides of the commutator slots after undercutting. There is a 60 angle. The offset blade holder provides knuckle clearance when de-burring. The holder can be retracted into the handle for easier storage when not in use. The carbide insert is easily replaced when it becomes dull on all three corners.

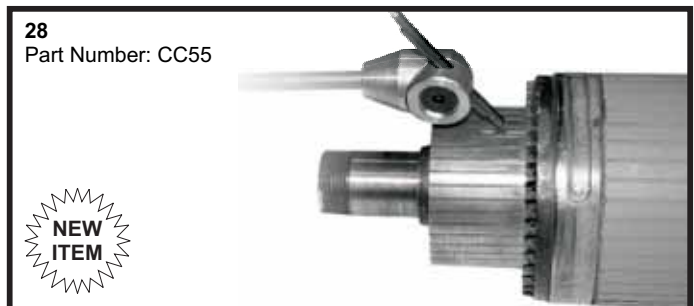
Weight: 110g



28 ADJUSTABLE SLOT SCRAPER

For removing fins of mica and burrs of copper from the edges of commutator bars after undercutting with a saw. Not to be used for undercutting mica because any tool that rakes out mica may damage the insulation by tearing out mica slithers and thus permitting dirt to work into the insulation.

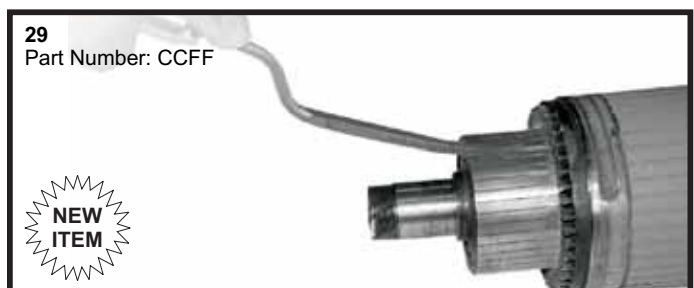
The high-speed steel adjustable tool bit adjusts to any position and is fitted with two cutting edges 60 and 90 angles. Weight: 160g



29 COMMUTATOR SLOT FILE

If you have only a few motors, undercut your mica with handy commutator-slotting files. They work rapidly and are easy to use. Using a 60° V-shaped slot.

Weight 20g



31

Part Number: KOSS 28 KOSE 130



Blades KOBE 13
KOBS 13

31 UNDERCUTTING HAND SAWS

For clean and efficient removing of the mica insulation. Comprising a saw holder with six replaceable mica metal saw blades of different thicknesses.

Type KOSS 28 Blade length 28 mm
Type KOSE 130 Blade length 130 mm

Blade widths for both models: 0.4, 0.5, 0.6, 0.7, 0.8 and 1.0 mm

32

Part Number: WZB



32 WINDING STICKS

Compressed nylon sticks made in four different sizes and shapes. Very useful for guiding windings into stator slots or for guiding windings into stator slots or for guiding wire whilst winding coils, to push the wire into the corner of a former.

| Type | Dimensions mm |
|-----------|---------------|
| WZB-11794 | 13 x 2 x 180 |
| WZB-11910 | 8 x 8 x 185 |
| WZB-11909 | 15 x 10 x 195 |
| WZB-11793 | 24 x 15 x 255 |

33

Part Number: 101C



33 INSULATION CREASER

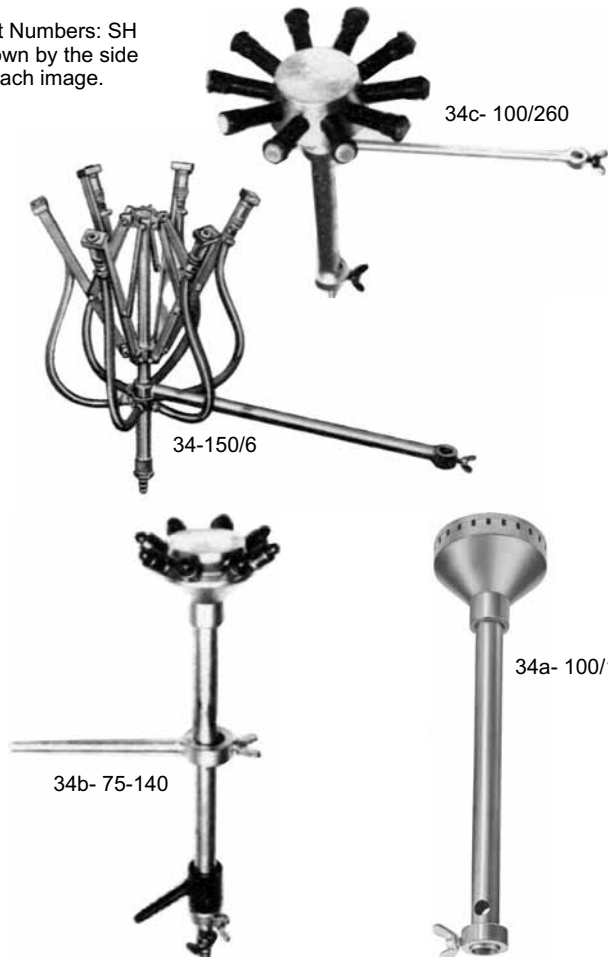
This is a handy tool for making two creases in slot liners or closures. This robust device, made with heavy-duty cast iron base is ideal for electric motor repair workshops of all sizes.

Two creasing rolls can be adjusted easily using the calibrated scale provided. The depth of crease is adjustable by thumbnuts, which press onto the floating creasing shaft. Two guides are provided so that the creasing can be centralised in relation to the material width. Maximum strip width: 200mm. Distance between creases: 2-180 mm, Strip length: Unlimited.

Insulation thickness: 0.15-0.80 mm
Dimensions: 210 x 300 x 220 mm Weight: 10.5 kg

34

Part Numbers: SH
Shown by the side
of each image.



34 STATOR HEATERS (GAS)

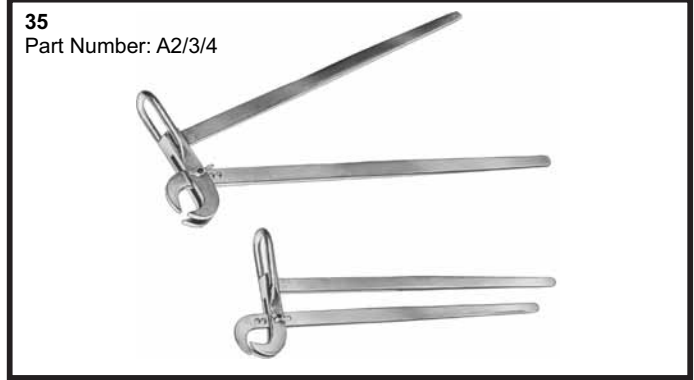
Heaters for use with propane gas or natural gas with compressed air. Wide range of sizes for stators from 50 mm bore.

| Type | Head dia mm | Gas used |
|-----------|-------------|----------|
| 60/1 | 60 | Propane |
| 75/1 | 75 | Propane |
| 100/1 | 100 | Propane |
| 60/2 | 60 | Natural |
| 75/2 | 75 | Natural |
| 100/2 | 100 | Natural |
| 75/115/3 | 115 | Natural |
| 75/140/3 | 140 | Natural |
| 75/160/3 | 160 | Natural |
| 100/140/4 | 140 | Propane |
| 100/260/4 | 260 | Propane |
| 100/340/4 | 340 | Propane |
| 100/140/5 | 140 | Natural |
| 100/260/5 | 260 | Natural |
| 100/340/5 | 340 | Natural |
| 150/6 | 150-600 | Propane |
| 150/8 | 150-600 | Natural |

35 GRIPPING TONGS

For gripping and removing stator and armature coils. Used with Coil Extracting Machines, these are available individually for use on other types of extractor or lifting tackle. They grip the coils positively and safely. The harder they are pulled, the tighter they grip.

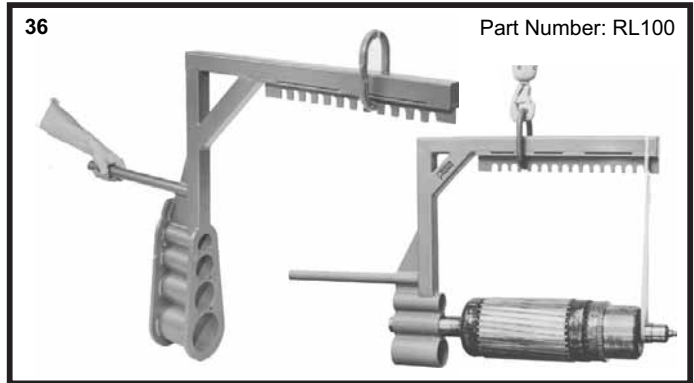
| Type | Dimensions mm | |
|-------|---------------|--|
| A2-S | 380 x 140 | standard pattern |
| A3-S | 500 x 170 | standard pattern |
| A4-S | 760 x 200 | standard pattern |
| A4-L | 1000 x 210 | standard pattern |
| A2-DL | 520 x 190 | Extended neck for deep-seated windings |
| A3-DL | 840 x 220 | Extended neck for deep-seated windings |
| A4-DL | 1000 x 240 | Extended neck for deep-seated windings |



36 ROTOR LIFTER

Useful lifting device for large rotors. Designed to balance the rotor by means of a slotted support and adjustable ring. Invaluable for fitting rotors into stators in the horizontal plane. Four lifting tubes of 50, 60, 80 and 100 mm for a maximum shaft diameter of 100 mm. Carries weights of up to 1000 kg. For transporting heavy rotors for a long distance, it is recommended that an outer support sling is fitted.

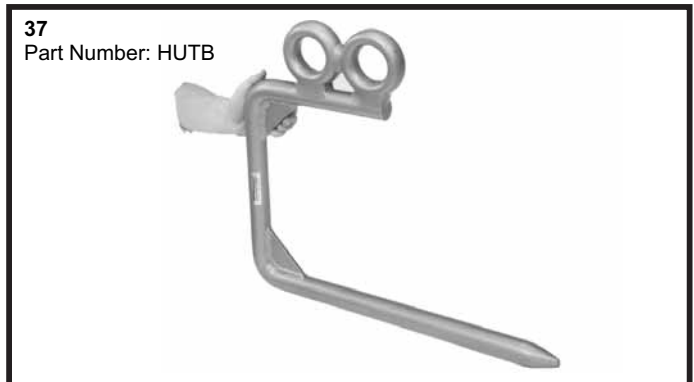
Dimensions: 900 x 1250 x 150 mm Weight: 32 kg



37 STATOR LIFTER

Made in three different sizes. Makes handling of stators easy work. Very useful for lifting stators into stator holding rings.

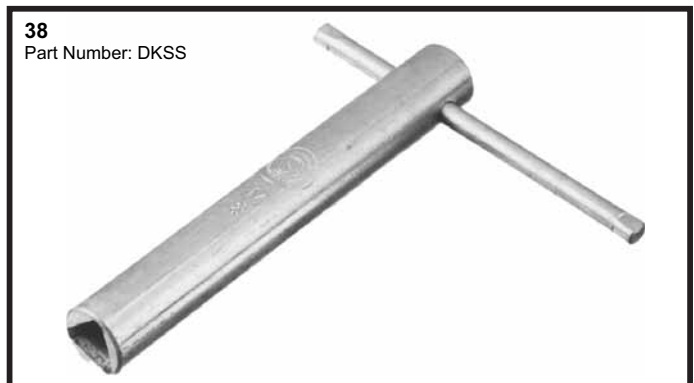
| Type | Fork Dia | Eye Dia | For Weight Max | Dimensions | Weight |
|-----------|----------|---------|----------------|------------|---------|
| HUTB-3853 | 30 mm | 60 mm | 250 kg | 380 x 530 | 13.8 kg |
| HUTB-4360 | 40 mm | 65 mm | 500 kg | 430 x 600 | 16.7 kg |
| HUTB-5176 | 50 mm | 65 mm | 700 kg | 510 x 760 | 24.6 kg |



38 TRIANGULAR SPANNERS

Special spanners for EX motors, pressed steel constructions with sliding handle.

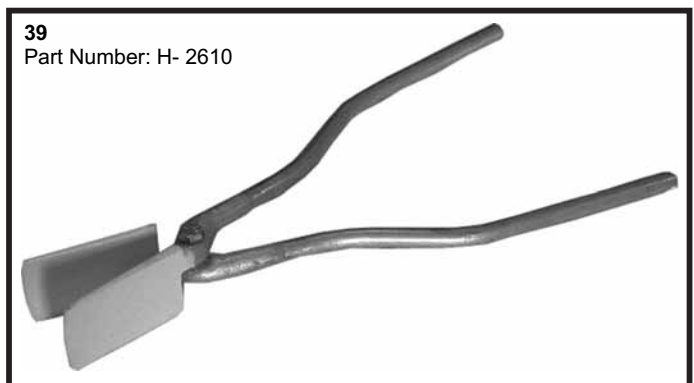
| Type | Size | Dia mm | Length mm |
|----------|------|--------|-----------|
| DKSS0411 | M 4 | 11 | 90 |
| DKSS0513 | M 5 | 13 | 103 |
| DKSS0615 | M 6 | 15 | 114 |
| DKSS0818 | M 8 | 18 | 130 |
| DKSS1022 | M10 | 22 | 144 |
| DKSS1224 | M12 | 24 | 168 |
| DKSS1630 | M16 | 30 | 188 |



39 COIL SHAPER

Special heavy-duty tongs with plastic coated jaws to prevent any damage to the wires. The jaws are curved to give the coils a radius

Dimensions: 440x65mm
Weight: 1.3kg



40
Part Number: KZSS



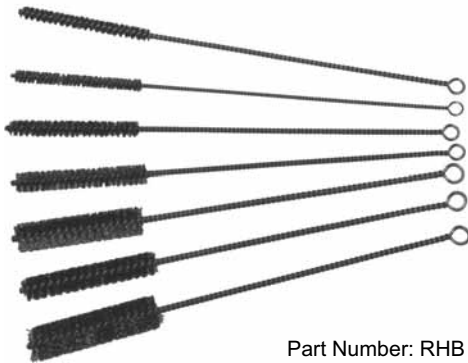
40 4-WAY SPANNER

Solid model, made of chrome-vanadium steel. Four sizes available, covering screw sizes SW7, 8, 9, 10, 13, 14, 17 and 19.

A powerful and useful tool in any workshop.

| Type | Screw sizes | Length |
|-----------|-------------------|--------|
| KZSS 4568 | SW 4, 5, 6, 8 | 110 mm |
| KZSS 0710 | SW 7, 8, 9, 10 | 220 mm |
| KZSS 0814 | SW 8, 10, 13, 14 | 220 mm |
| KZSS 1319 | SW 13, 14, 17, 19 | 220 mm |

41



Part Number: RHB or FHB

41 WIRE SLOT BRUSHES

For brushing out slots after burning off insulation materials.

Made in five different sizes as round brushes (RHB) and four sizes as flat brushes (FHB)

42
Part Number: WCS



42 WIRE CUTTING SCISSORS

Useful and practical scissors for cutting small diameter wires. One blade has a serrated edge to prevent the wire slipping. Suitable for wires of up to 1 mm diameter. Handier and quicker to use than conventional side cutters.

Dimensions: 55 x 140 mm
Weights: 130 gr

43
Part Number:
GS 1875



Part Number:
PS 1123

43 CURVED INSULATION SCISSORS

Special scissors made with curved blades for cutting insulations with a radius, such as phase barriers.

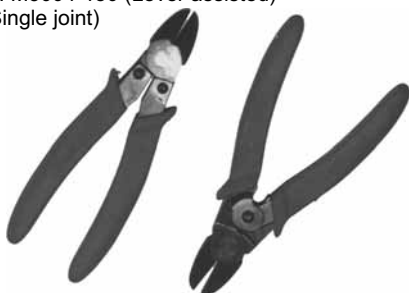
Made in two sizes: small blade 160 mm long
large blade 180 mm long

Also available with straight cutting blade:
small blade 128 mm long
large blade 180 mm long

Part Numbers: Curved blades: GS 1875
PS 1123

Straight blades: large: GS 1874
Small: PS 1490/5

44
Part Numbers: M3004-150 (Lever assisted)
M3009-150 (Single joint)



44 SIDE CUTTERS

High quality cutters made in two versions, single joint for normal use or toggle joint for easier cutting of spring or hard steel wires. Moulded plastic handles for comfortable use.

Length: 150 mm

45 END CUTTERS

High quality cutters with blade designed to cut close to joints, cross-wires etc. Lever, spring-returned toggle action makes these cutters easy to use. Suitable for copper, mild steel and spring steel.

Length 150 mm

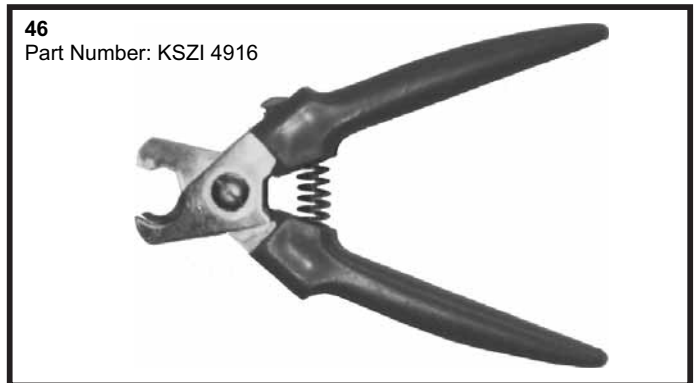


46 CABLE CUTTERS

Handy, easy to use, cable cutters for copper and aluminium cable up to 14 mm diameter (35 mm² cross section).

Fitted with hardened stainless steel blades and comfortable plastic handles. Spring-opened, these cutters are also provided with a locking button.

Length: 175 mm



47 SIMPLEX MALLET

Robust and well-engineered mallet with exchangeable and replaceable inserts. Especially useful for beating down winding heads in stators when rewinding, to make space for next coil group. Nylon inserts do not damage windings. The malleable iron head of the mallet is held together with a single screw. Head inserts of various types and qualities are available and are quickly exchanged. Five different sizes of mallet are available.

| PVC Type | Nylon Type | Head dia mm |
|----------|------------|-------------|
| SSTPV 30 | SSTNY 30 | 30 |
| SSTPV 40 | SSTNY 40 | 40 |
| SSTPV 50 | SSTNY 50 | 50 |
| SSTPV 60 | SSTNY 60 | 60 |
| SSTPV 80 | SSTNY 80 | 80 |



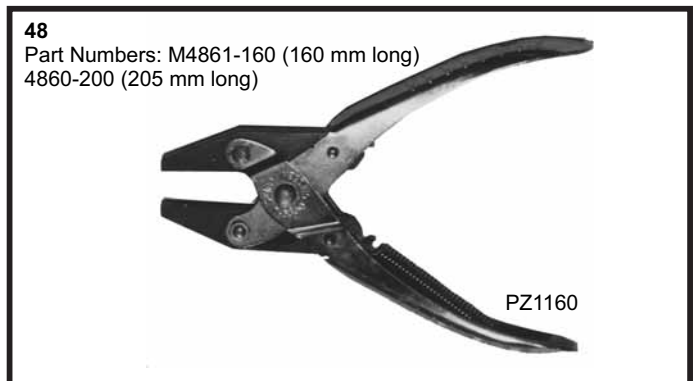
48 MAUN PARALLEL PLIERS

These well-engineered pliers are made in two sizes from high-grade steel. Giving a parallel action, they grip many objects much more firmly than conventional pivoted pliers. The jaws are serrated.

49 HAND HELD ARMATURE GROWLER, MODEL 2533

This armature tester is designed to test short circuits in armatures from 150- 300mm diameter and stators from 60-300mm bore. Easy to handle and highly sensitive. Short testing is done by the "feeler" method using a hacksaw blade or a thin strip of steel. The growler is placed on the iron core and the armature steadily rotated by hand with a feeler being held on the side opposite to the coil. The feeler vibrates if there is a short. Simple and positive. Ideal for AC motors and generators.

Dimensions: 100dia x 300 mm Weight: 3kg
For connection to 230/250volt 50/60hz power supply.
Also available for 115volt 50/60hz power supply



50



Part Number: G2503

50 ARMATURE GROWLER MODEL 2503

This armature is of the external metre type for locating shorts, open circuits and grounds in armatures.

12-200 mm diameter.

For connection to 220/250 volt 50/60hz power supply.

A model for connection to 115volt 50/60hz is also available.

Dimensions: 240 x 160 x 120 mm

Weight: 6.5kg

51

Part Number: HSSD
Complete set of five HSSD3008



51 HOLLOW SLOTTED NUT DRIVER

Made from chrome-vanadium steel with special handgrip for turning power. For long threaded bolts to DIN 3115.

Made in five sizes for M3, M4, M5, M6 and M8 nuts

52

Part Number: BUSD



52 COLLAR SCREW DRIVER

Made from chrome-vanadium steel, with special power handle, for special screws fitted to AEG motors.

Made in four sizes for 2.5 x 5.5, 3.5 x 6.5, 3.8 x 7.8, and 4.8 x 9.8.

53

Part Number: MTA
Motatest-L and Motatest-XL



53 MOTATEST- MOTOR ANALYSER

This remarkable instrument is offered in two types: MOTATEST-L

High frequency testing shows winding faults with an automatic testing sequence of three-phase motors. The type of fault is quickly analysed showing its location in the stator coils.

MOTATEST-XL

High frequency and high voltage version with output of up to 4,000volts DC. In addition to the "L version features", the unit is equipped with high voltage test probes and has the facility of making surge tests, resistance tests, PE resistance tests, high voltage DC tests, PI or DAR test.

Winding insulation resistance test, induction test, neutral zone test and rotation of field test. *Additional probes/leads required for some tests.

Software is available and the unit can be fitted with RS232 or USB ports.

Armature probes can be fitted, which find faults in wound armatures (similar to a Growler).

Dimensions: 280 x 95 x 170 mm

Weight: 5 kg

The instrument weight does not include the weight of the battery charger, which is included with both instruments.

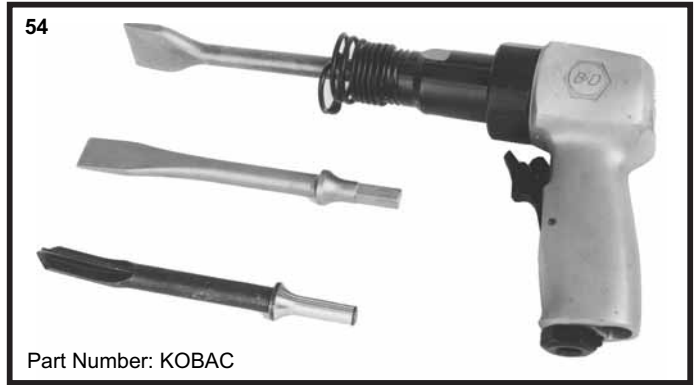
54 AIR CHISEL

Pneumatic air chisel, ideal for cutting off heads of burnt-out stator and armature coils. Supplied in steel carrying-case complete with a set of chisel bits. Chisel bits plug into a chuck and are exchanged in a couple of seconds. Must be used in conjunction with air filter and lubricator unit. One each of chisel types 55416S, 55424S and 55428S are supplied with the kit. Ref. No. 6210ST.

Additional types of chisel for bolt cutting, scraping etc. are available.

Dimensions: 310 x 265 x 70 mm (Boxed set)

Weight: 3.9 kg (Boxed set)



55 SPECIAL HAND CHISEL

Specially designed heavy duty chisels for cutting off stator coils. Curved and notched. The notch prevents the chisels from sliding off the coil and possibly damaging the stator

Supplied only as a set of three.

Length: 220 mm

Weight: 800 g



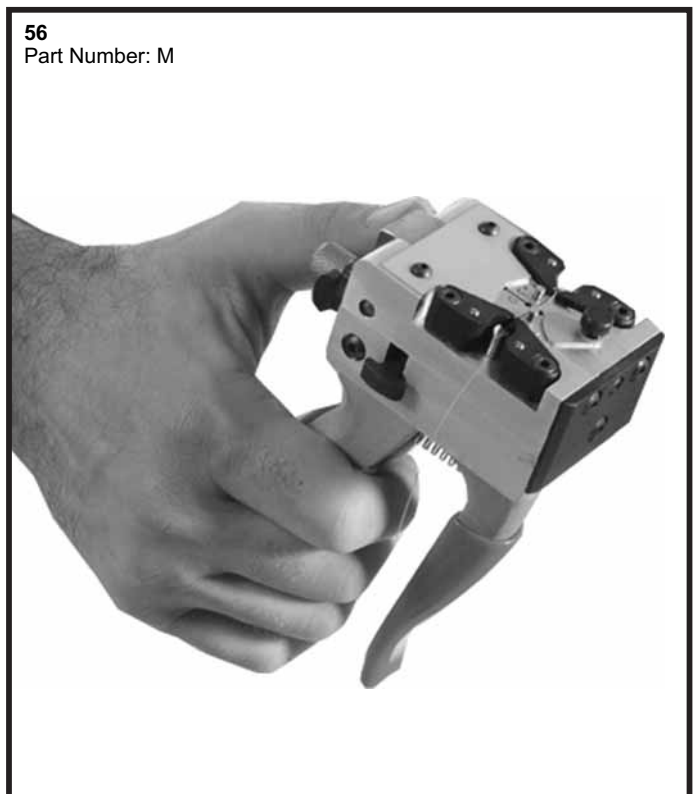
56 WIRE WELDER

Save wire and time by butt-welding with the PWM cold pressure welder. When the wire reel runs out during winding a set of coils, you can join the wire end to a new coil quickly and cleanly with the PWM.

Several sizes available shown is Type M10-45 for wire 0.10-0.45 mm diameter.

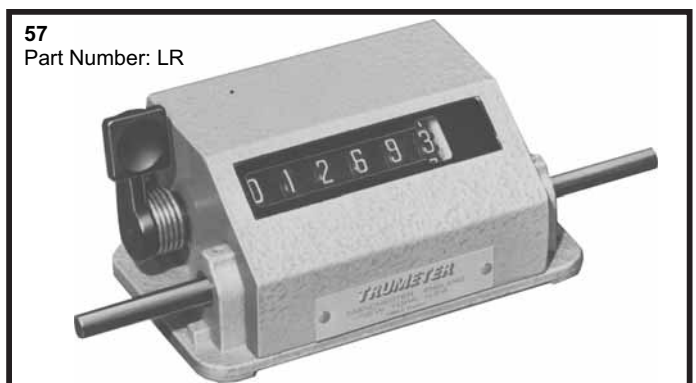
NOTE! These instruments require a different set of dies for every wire size. Dies can be changed in a few seconds.

Please request our detailed catalogue.



57 REVOLUTION COUNTER

TYPE LR is a robust six digit mechanical revolution counter designed for continuous high or low speed operation. Ideal for fitting to coil winding machines. Drive shafts are both sides but counters are available with reset lever on either side. Versions adding when rotation direction is "top coming" or "Top going" are stocked.



58
Part Number: HWA



58 HAND OPERATED ARMATURE WINDER

Screws onto a bench with 2 screws.
Easy to use.
Handle can be reversed for a left-handed operator.

59
Part Number: RRB



59 PORTABLE INDUCTION BRAZER

Robust, heavy duty portable unit designed for brazing copper wire or strip. The extra heavy duty brazing tongs are fitted with carbon electrodes.

The wires are gripped by the tongs and current is applied by a foot pedal switch.

Maximum welding cross-section 200 mm². For 220/250 volt 13 amp single phase supply.

Dimensions: 300 x 180 x 150 mm
Weight: 14.5 kg

60
Part Number: HLGH

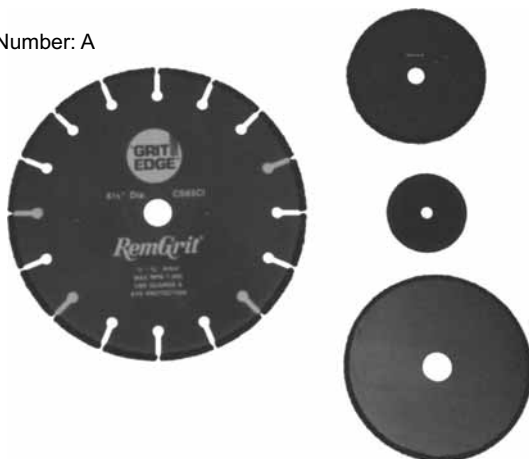


60 INDUCTION BRAZING UNIT

For welding copper wires: comprising portable transformer unit with a three-step tapping selection switch for wires 0.3-4.5 mm diameter, for welding up to 20 wires in parallel using silver solder. Complete with foot pedal and brazing tongs with carbon electrodes.

Dimensions: 370 x 250 x 270 mm
Weight: 19 kg

61
Part Number: A



61 CUTTING DISCS FOR STATORS OR ROTORS

Cutting discs used on Thumm coil extractors or EpoxyLite coil cutters, allow the quick and clean removal of coil heads from stator and rotors. Two ranges are available: flexible abrasive discs and carbide tipped steel discs, the latter having a very long life.

Flexible discs - 10 sizes from 50-230 mm diameter
Carbide discs - 9 sizes from 45-300 mm diameter

See price list E24A for details.

62 LASER SHAFT ALIGNMENT SYSTEMS

- Latest electronic design including Dual Beam Technology for unprecedented accuracy
- Wireless Bluetooth connection from target to hand held PDA or PC
- Up to 5 axis configuration
- 4 axis live move screen which shows the four alignment axis continuously updated simultaneously
- Auto-sweep mode for coupled and uncoupled alignment
- Software takes the user step by step through alignment process for remarkable ease of use.
- Comes complete with carry case, brackets, chains



63 ROTOR STANDS

These robust stands are a necessity for safe and easy manipulation of heavy rotors. Supplied as a pair, one stand is of fixed height and the other is adjustable, to allow for different bearing journal diameters.

The height is adjusted by a shaft 38 mm diameter with an acme thread and lock nut with lever. High impact resistant nylon rollers are fitted.

Maximum rotor weight: 750 kg

Dimensions (each stand): 445 x 550 x 830 mm

Weight (pair): 140 kg



64 MULTI-FUNCTIONAL TWO-CHANNEL ANALYSER

For analysing vibrations and balancing rotating equipment.

This instrument makes vibration analysis, monitors total vibration against time or variation in machine speed, as well as balancing rotating equipment in one or two planes.

The program gives a step-by- step guide to make balancing easy. For ease of reading, the instrument has a large 320 x 240 mm back-lit display with user-friendly software. The N500 is supplied complete with a carrying case containing 2 velocity or acceleration transducers, cables, magnetic bases, probes, photocell, USB drive, battery charger and instruction manual.



OTHER PRODUCTS FROM WHITELEGG

FOR DISMANTLING MOTORS:

Wide range of hydraulic presses and extractors, from 25 to 500 tons.

Coil cutting-off machines for stators and rotors.

Coil extracting machines for stators and rotors

Burn-off ovens

FOR CLEANING COMPONENTS:

Industrial washing machines

Grit and glass bead blasters

FOR INSULATING:

Wide range of light and heavy duty guillotines. Insulation creasing, folding and cutting machines.

FOR WINDING:

Wide range of coil winding machines hand and motor driven, fully automatic.

FOR IMPREGNATING:

Stator and rotor trickle impregnation machines.

Varnish tanks, VPI systems

FOR CURING VARNISH:

Electric and gas ovens.

Fully automatic resin trickle and curing plant

FOR ELECTRIC MOTOR MANUFACTURE:

Single machines or complete production lines for assembling stator laminations, slot insulating, winding, coil inserting, coil end forming and impregnation by trickle or vacuum with automatic curing.

FOR TRANSFORMER MANUFACTURE:

Coil winding machines of all sizes, both with and without automatic wire guides.

Insulating cutting machines., Varnish tanks with pumping systems, Curing ovens.

Commutator Undercutting Machine



SC-1 Coil Cutting machine



Type U Winding Fixture
for small HP Coils



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