



GRANIT
QUALITY PARTS



CONSUMABLES COMPACT

AN A TO Z OF PRODUCTS
FOR ALL YOUR DAILY
WORKSHOP REQUIREMENTS

BLACK EDITION

More tools from the GRANIT BLACK EDITION range can be found online or in the GRANIT BLACK EDITION catalogue!

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Multispray Plus 500 ml

BLACK EDITION

Mineral oil-based multifunction oil with special additives for maximum protection against corrosion, oxidation, wear and non-ferrous metals

Properties:

- Excellent rust penetration and dissolution thanks to optimum creep capability
- Extremely effective against wear and oxidation
- Excellent water displacement
- Very good corrosion protection
- Adjustable spray head
- Cleans and cares for plastic/metal parts
- Lubricates closures, hinges, etc.

Areas of application:

- Releases seized bolts, pipe fittings, screws, nuts, joints, Bowden cables, shafts, locks
- Lubricates closures, hinges, bushes, chains, door locks
- Cleans and cares for plastic and metal parts
- Prevents corrosion on metals and electrical assemblies, cable connections, relays, plugs, couplings

Container: 500 ml

Box contents: 12

Part no. 11044553



Multispray Allround GP 400



Mineral oil-based, universal multifunction oil for five application areas: corrosion protection, lubrication, cleaning, rust removal and contact spray.

Properties:

- Very good rust and corrosion penetration for effective rust removal
- Very good lubrication properties
- Creeps under dirt, grease and oil residues
- Forms a thin, viscous protective film which protects against moisture at the slightest unevenness
- Displaces water and moisture

Areas of application:

- Releases seized bolts, pipe fittings, screws, nuts, joints, Bowden cables, shafts, locks, etc.
- Lubricates closures, hinges, bushes, chains, door locks
- Cleans and cares for plastic and metal parts
- Prevents corrosion on metals and electrical assemblies, cable connections, relays, plugs, couplings, etc.



Part no.	Container	Box contents	PP
320320000-1	400 ml	12	1
320320083	5 l		1

Graphite rust remover 500 ml

BLACK EDITION

Multifunction rust remover with graphite for loosening corroded and stuck connections and screw connections.

- Loosens heavily rusted and oxidised screw connections
- Addition of graphite ensures a very good reduction in friction
- Good corrosion protection
- Not aggressive
- Resin-, silicone- and acid-free

Areas of application:

- Rusted and oxidised screw connections
- Agricultural and construction machinery, trucks, cars, units and equipment

Container: 500 ml spray can

Box contents: 12

Part no. 12260988



Rust remover 400 ml



Mineral oil-based rust remover with excellent creep capability, long-lasting corrosion protection and very good reduction in friction thanks to MoS₂ solid lubricants.

Properties:

- Optimum creep capability ensures outstanding rust penetration and effective rust removal
- Lubricates bolts, nuts, axles, joints, etc.
- Reduces wear, ensures mobility and function
- Very good reduction in friction thanks to MoS₂ solid lubricants
- Good corrosion protection

Areas of application:

- Rusted and oxidised screw connections
- Agricultural and construction machinery
- Trucks
- Cars

Container: 400 ml

Box contents: 12

Part no. 320320002-1



Freeze shock rust remover 500 ml

High-quality rust remover with freeze shock effect: extreme cooling of the screw connection combined with excellent creep capability.

Properties:

- Cooling of the material surface thanks to the freeze shock effect down to -40°C
- Creates capillary cracks in the rust layer and enables better penetration of the active ingredient
- Corrosion protection thanks to special protective additives
- Resin- and acid-free
- Silicone-free
- Compatible with rubber and seals

Areas of application:

- For loosening heavily rusted and oxidised screw connections
- For rust removal on agricultural and construction machinery, trucks, cars, units and equipment

Container: 500 ml

Box contents: 12

Part no. 320320118



Rust converter 1 l

BLACK EDITION

Properties:

- Environmentally friendly and economical rust converter
- Free from organic solvents
- Free from heavy metals and phosphates
- Passivated surface rust to an iron-tannin complex
- No need to wash off, repaint or fill afterwards

Application:

- Remove oil, grease, dirt and salts from surfaces. Remove coarse rust
- Apply once generously, undiluted and without running
- Paint or fill the dried surface using a brush, roller or spray gun, or by immersion
- Processing temperature: +5°C-40°C
- Can also be applied in fog or dew. Do not paint over healthy paint surfaces

Container: 1000 ml

Part no. 18542593



Spray grease white 400 ml

Versatile mineral oil-based, white, long-life grease with excellent material compatibility. For long-lasting lubrication and protection against rust and oxidation.

Properties:

- Free from silicone, resin and acid
- Excellent sealing properties
- Good oxidation stability
- Very good corrosion protection
- Excellent material compatibility
- Splashproof and resistant to salt water
- Temperature range: -15°C to +130°C; temporarily: +200°C

Areas of application:

- Maintenance and inspection work, e.g. hinges, joints, slide rails
- Wherever an oil spray doesn't last long enough

Container: 400 ml

Box contents: 12

Part no. 320320015-1



Professional rust converter 400 ml

Neutralises the rust layer and stops rust development.

The corrosion protection paint with the ability to convert rust is ideal for painting older rusted vehicles. Quick and easy to apply. Without stoichiometry effect: does not attack steel if too much is applied.

Properties:

- Quick and easy to use - can be painted after just 2 hours
- Epoxy binder means that the product is ideal for painting
- Reliable corrosion protection
- Does not attack steel if too much is applied
- Visible rust conversion thanks to indicator effect

Application:

1. The surface must be dry and free of grease and dust. Grind problem surfaces and old paintwork.
2. Shake for at least 2 minutes before use.
3. Apply sparingly in 2-3 sprays at a distance of 25-30 cm. After just a few minutes, the rust conversion is evident by the blackening (complexing) of the rusty areas.
4. Apply top coat once dry (after approx. 2 hours).

Technical data:

Material base: epoxy paint with rust converting properties

Colour: transparent (black after rust conversion)

Temperature resistance: up to 180°C

Can be painted: after 2 hours

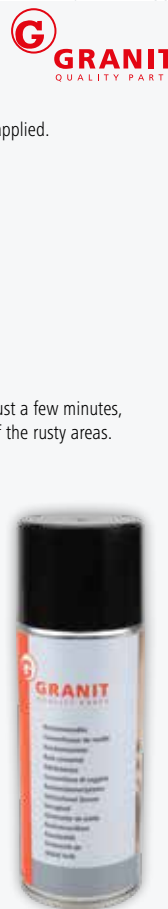
Storage stability: 24 months

Recommended storage temperature: between +5°C and +25°C

Container: 400 ml

Box contents: 12

Part no. 320320131



Chain spray

Highly adhesive and spin-resistant chain spray with excellent creep capability. Resistant to cold and heat, splashproof, with increased corrosion protection. Protects against wear, corrosion and chain extension. Suitable for O-ring and X-ring chains. Tested on racing motorbikes.

Properties:

- Excellent creep capability, even in hard-to-reach places
- Excellent adhesion against external influences
- Resistant to pressure, cold and heat
- Splashproof and resistant to salt water
- Very good damping properties
- Increased corrosion protection
- Protects against chain elongation

Areas of application:

- Metallic and moving components such as chains, cables, gears, brake and fuel lines, joints, hinges, sliding parts, slide rails
- When repairing drive chains, gear shift, clutch and brake linkages, suspension struts, stabilisers, rocker arms, axle joints
- Lubrication of bicycle chains and door hinges
- Suitable for O-ring and X-ring chains

Container: 400 ml

Box contents: 12

Part no. 320320006-1



V-belt spray 500 ml

Semi-synthetic, high pressure-resistant long-life lubricant with adhesive additives. Designed for high-speed belts, chains or cables. Eliminates unpleasant noise. Care and protection in one product.

Properties:

- Eliminates unpleasant noise
- Excellent adhesion for high durability
- With special wear protection additives
- Good creep capability, even in hard-to-reach places
- Temperature- and pressure-resistant
- Splashproof and resistant to salt water
- Inhibits corrosion and wear
- Very good damping properties
- Forms a durable protective film

Areas of application:

- For lubricating belts of all kinds
- Also suitable for chains, cables, joints, hinges and rails
- Corrosion protection for fuel and brake lines

Container: 500 ml

Box contents: 12

Part no. 320320114



Adhesive grease spray, white

White adhesive grease, water- and temperature-resistant up to +200°C. Extremely adhesive long-life grease for lubricating chains, gear wheels, linkages, rollers, steel cables and springs. Inhibits corrosion and wear, forms a permanent, non-drip lubricating film wherever screws, nuts, bolts, split pins or other moving parts can become fixed in rust.

Properties:

- Excellent adhesion ensures resistance to external influences
- Good creep capability, even in hard-to-reach places
- Lubrication safety thanks to wear protection additives
- Pressure- and temperature-resistant (up to +200°C)
- Splashproof and resistant to salt water
- Inhibits corrosion and wear
- Very good damping properties
- Protects against chain elongation
- Forms a permanent, non-drip lubricating film wherever screws, nuts, bolts, split pins or other moving parts can become fixed in rust

Areas of application:

- For lubricating chains, gear wheels, linkages, rollers, steel cables and springs
- For repairing suspension struts, stabilisers, levers, axle joints, gear shift, clutch and brake linkages
- Corrosion protection for brake and fuel lines
- Movable metallic components such as joints, hinges, sliding parts, strikers, slide rails
- For lubricating door hinges

Container: 400 ml

Box contents: 12

Part no. 320320035-1



PTFE spray 300 ml

Oil- and grease-free, PTFE dispersion-based release and lubricating spray.

Properties:

- Reduces friction and wear
- Good adhesion to almost all materials
- Water-repellent
- Clean
- Temperature-resistant from -180°C to +250°C

Areas of application:

- As a base lubricant for guides, sliding surfaces, conveyor belts, transport rollers, etc. subject to low loads
- As a silicone-free release agent
- Wherever lubrication with oil or grease is not desired
- Metal, plastic, wood, rubber

Container: 300 ml

Box contents: 12

Part no. 320320129



Lubricant varnish spray MoS2 400 ml

Properties:

- Completely grease- and oil-free application
- High pressure absorption capacity
- Very good friction and wear reduction
- Extremely clean application as it does not bind dust
- Adhesive sliding surface with high load-carrying capacity
- Quick-drying
- Extreme temperature resistance from -180°C to +400°C

Areas of application:

- As stand-alone and base lubricant for guides, sliding surfaces, conveyor belts, transport rollers, etc.
- As a release agent and for coating stressed components
- Wherever lubrication with oil or grease is not desired

Container: 400 ml

Box contents: 12

Part no. 320320140



Silicone lubricant spray 400 ml

High-quality silicone lubricant spray for use on sliding roofs, headrests, seat rails, curtain rails, door and window rails. Maintains and preserves leather, chrome, plastic and rubber. Prevents rubber parts on vehicles from sticking and freezing, lubricates locks and hinges. Protects against rust and is suitable as a release agent for rubber, metal, glass, plastic, wood and cardboard.

Properties:

- Prevents sticking
- Excellent temperature resistance from -50°C to +250°C
- Colourless, non-staining
- Excellent material compatibility
- Protects and cares for surfaces
- Moisture-repellent, protects e.g. rubber parts against frost
- Maintains and preserves rubber
- Protects against rust

Areas of application:

- Moving parts on machines
- Agricultural and construction machinery, forklifts, cars, vehicle construction
- Plastic, leather, chrome, rubber
- Prevents rubber parts on vehicles from sticking and freezing
- Lubricates locks, hinges, sunroofs, headrests, seat rails, curtain rails, door and window rails
- As a release agent for rubber, metal, glass, plastic, wood and cardboard

Container: 400 ml
Box contents: 12

Part no. 320320011-1



Ceramic paste

Synthetic grey multipurpose paste with ceramic pigments. Long-term lubrication for screw connections, resistant to high temperatures.

Properties:

- High pressure absorption capacity and excellent separation effect
- More temperature-resistant than pastes containing metal
- Water-resistant
- Excellent protection against corrosion, oxidation and scaling
- Minimises friction and wear
- No oil carbon formation at high temperatures
- Temperature range: -30°C to +1400°C

Areas of application:

- Protection of screw connections
- Basic and thin film lubrication
- Separation lubrication for reliable, problem-free disassembly
- For uniform friction values

Container: 500 ml
Box contents: 12

Part no. 320320136



Copper paste 400 ml

Synthetic multipurpose spray with copper pigments.

Properties:

- For basic and thin film lubrication
- Very high pressure absorption capacity and excellent separation effect
- Effective separation even at extreme temperatures
- Water-resistant
- Excellent protection against corrosion, oxidation and scaling
- No oil carbon formation at high temperatures
- Temperature range: -40°C to +1100°C

Areas of application:

- For basic and thin film lubrication
- To prevent friction and wear
- For separating lubrication for reliable, problem-free disassembly
- To protect screw connections and achieve a uniform coefficient of friction

Container: 400 ml
Box contents: 12

Part no. 320320126



Brake protection paste

Metal-free special inspection and repair lubricant for the entire brake, chassis and bodywork area. Prevents contact corrosion. Remains at the lubrication point for a long time thanks to good splash and salt water resistance.

Properties:

- Effective corrosion protection
- High pressure and temperature resistance
- Protects against burning
- Resistant to external influences such as splashes and salt water
- Very good damping properties
- Metal-free
- Prevents running-in damage, friction and wear on bearings, sliding points, screw and plug connections

Areas of application:

- ABS braking systems
- Assembly work on machines

Container: 500 ml
Box contents: 12

Part no. 320320120



Underbody protection 600 ml

Corrosion protection paint for the underbody and lower side panels. Bitumen-free.

Properties:

- To protect against corrosion caused by road salt, moisture and alkalis
- For repairing the stone chip coating applied at the factory
- Stone chip protection that can be painted
- Permanently resilient
- Bitumen-free, has a low solvent content and creates hardly any mist when sprayed on
- Quick-drying, can be ground
- UV-resistant

Areas of application:

- Protects car underbodies and lower side panels from stone chips
- To maintain value or after accident repairs to sills, aprons, spoilers, rear aprons and wheel arches
- Also suitable for PVC-coated underbodies

Container: 600 ml

Box contents: 12

Part no. 320320115



Battery terminal protective paint

Long-lasting protection for terminals and plug connections against corrosion, weather and battery acid. Prevents contact resistance and voltage drop.

Properties:

- Permanent and temperature-resistant protection
- Protects against corrosion, weather and battery acid
- Prevents contact resistance and voltage drop
- Extends the life of the battery

Areas of application:

For terminal, terminal clamp and plug connection maintenance

Description:

- pH-neutral
- Acid-resistant
- Excellent corrosion protection
- Temperature-resistant from -40°C to +120°C
- Good material compatibility

Container: 150 ml spray can

Box contents: 12

Part no. 320320133



Drilling and cutting oil

Mineral oil-based universal cutting oil for light to medium-duty chip removal and higher cutting speeds.

Properties:

- Tool life extension thanks to excellent heat dissipation
- Cools when sprayed on
- Dissolves resinous residues and deposits
- Very good material compatibility
- Very good corrosion protection

Areas of application:

- When machining normal and high-alloy steels
- As a preservative for finished and machine parts

Container: 400 ml

Box contents: 12

Part no. 320320128



Zinc spray 400 ml

Matt grey metal protection paint based on high-purity zinc metal powder. For first-class corrosion protection and an optimum metal surface appearance. Tested in accordance with DIN 50021.

Properties:

- Excellent corrosion protection
- Tested in accordance with DIN 50021 in the salt spray test
- High zinc content (99%)
- Does not run
- High abrasion resistance
- Dust dry in a short time (5 minutes)
- Can be handled in a short time (10 minutes)

Areas of application:

- Iron and steel surfaces
- Weld seams and damaged metal surfaces
- Body parts
- Exhaust systems

Container: 400 ml

Box contents: 12

Part no. 320320009-1



Zinc spray, light aluminium, 400 ml

Silver grey metal protection paint based on high-purity zinc metal powder. For first-class corrosion protection and an optimum metal surface appearance. Tested in accordance with DIN 50021.

Properties:

- Excellent corrosion protection
- Tested in accordance with DIN 50021 in the salt spray test
- High zinc content (99%)
- Does not run
- High abrasion resistance
- Dust dry in a short time (5 minutes)
- Can be handled in a short time (10 minutes)

Areas of application:

- Iron and steel surfaces
- Weld seams and damaged metal surfaces
- Body parts
- Exhaust systems

Container: 400 ml

Box contents: 12

Part no. 320320125



Release spray 500 ml

Non-combustible special agent for welding. Silicone-free as aqueous emulsion. Ensures optimum ash formation between the workpiece and welding spatter.

Properties:

- Prevents welding spatter from sticking to gas nozzles and workpiece surfaces
- Offers complete protection during the welding process
- Makes subsequent workpiece cleaning unnecessary
- For cleaning and keeping the welding nozzles clean
- Protects the workpiece to be welded from the effects of spatter
- Subsequent workpiece treatment is possible without special cleaning

Areas of application:

- Aluminium
- Structural steel
- Non-ferrous metals
- Stainless steels
- Welding torch nozzles

Container: 500 ml

Box contents: 12

Part no. 320320116



Leak detection spray 500 ml

Biodegradable test foam for detecting leaks, micro leaks and hairline cracks. Suitable for all pressurised points on pipelines (compressed air, oxygen, fuel gases), pressure tanks, compressor systems, air brake systems and welding equipment, plus leaking tyres and hoses.

Properties:

- Suitable for all pressurised points
- Frost-proof down to -16°C
- Biodegradable

Areas of application:

- Micro leaks, hairline cracks and leaks in pressurised components
- Pipelines (compressed air, oxygen, fuel gases)
- Pressure tanks
- Compressors
- Pneumatic brake systems
- Welding equipment
- Air conditioning systems

Container: 500 ml

Box contents: 12

Part no. 320320121



Cold spray 500 ml

Versatile product with non-flammable propellants. For localised cooling down to approx. -50°C within a few seconds. Suitable for maintenance and adjustment work, as well as troubleshooting in the electrical sector.

Properties:

- Enables immediate cooling down to approx. -50°C
- Not conductive
- Not aggressive
- Quick, time-saving cooling of cold start devices
- Cold indicated immediately after switching off a device
- Filled with environmentally friendly propellant

Areas of application:

- Enables easy insertion of ball bearings, bushes, shafts, etc. in the tightest spaces
- For removing stubborn chewing gum residues from stone, carpet, fabric and plastic

Container: 500 ml

Box contents: 12

Part no. 320320119



Starting aid spray 400 ml

Cold starter for all diesel and petrol engines, protects battery and engine, provides reliable cold starting even at low temperatures. Economical, easy and wear-saving ignition.

Helps to start your vehicle even at extreme winter temperatures without overloading the battery.

Application:

Spray GRANIT starting aid spray directly into the air filter or suction line and, if possible, start the engine at the same time.

Properties:

- Ensures that the engine starts even at low temperatures, in damp weather or after a long period of inactivity
- Easy and gentle ignition
- Very good wear and corrosion protection
- Prevents carburettor icing

Areas of application:

- Tractors, construction machinery, chainsaws, lawnmowers, forklifts, boat engines, pumps and other units in industrial plants
- Vehicle engines (cars, trucks, buses, motorcycles)

Container: 400 ml

Box contents: 12

Part no. 320320004-1



Brake cleaner

Solvent cleaner for maintenance, repair and assembly work in the trade sector. Removes and dissolves oily dirt, grease and silicone on brake discs, clutch parts, transmission parts, cables, tool parts, etc. Abrasion dust is bound and washed away. For agricultural and construction machinery, forklifts, vehicles/machinery in general.

Properties:

- Removes oil, grease, resin and silicone
- Binds and washes away abrasion dust
- Evaporates quickly
- High spray pressure for optimised cleaning effect even in hard-to-reach places

Areas of application:

- Maintenance
- Repair
- Assembly
- Grease
- Resin

Tyre sealing gel

Fibre-free tyre sealant that outperforms all conventional fibre-based sealants. It is not an adhesive, but a water-soluble liquid containing recycled rubber particles.

Properties:

- Fibre-free tyre sealant
- Water-soluble liquid with recycled rubber particles
- Mechanically seals punctures and leaks between the tyre and rim
- Effective for the entire life of the tyre
- Permanently seals hundreds of holes with diameters up to 12 mm (depending on tyre stability)
- Helps prevent downtimes
- Reusable
- Can be used down to -40°C
- Non-toxic
- Non-stick
- Washable with water

Areas of application:

- Agricultural equipment (tractors, trailers, combine harvesters, loading wagons, etc.)
- Trucks
- Construction machinery
- Forestry machinery
- Forklifts
- Lawnmowers
- Bicycles
- All tyres that are filled with air



Part no.	Container	PP
50010002	1 l	1
50010001	25 l	1

Inflation pump

For filling the 25 l tyre sealing gel can

- Delivery rate 200 ml per stroke
- For filling the 25 l tyre sealing gel can part no. 50010001
- Rinse with clean water after use

Part no. 50030008



Part no.	Container	Box contents	PP
320320001-1	600 ml spray can	12	1
320320024	5 l can		1
320320081	20 l metal can		1
320320038	30 l can		1
320320070	60 l drum		1

Brake cleaner

BLACK EDITION

Cleaner for maintenance, repair and assembly work in the trade sector. Removes and dissolves oily dirt, grease and silicone on brake discs, clutch parts, transmission parts, cables, tool parts, etc.

Properties:

- Removes oil, grease, resin and silicone
- Binds and washes away abrasion dust
- High spray pressure for optimised cleaning, even in hard-to-reach places
- Reduced risk of fire and the associated consequences
- Lower explosion limit >1.5% by volume
- With acetone

Contains acetone

ECO features:

- Free from microplastics
- Free from fluorine compounds
- Free from allergenic fragrances
- Free from n-hexane
- Compressed propellant CO₂

Areas of application:

- Maintenance
- Repair
- Assembly
- Grease and resin deposits



Part no.	Container	Box contents	PP
11095079	500 ml spray can	12	1
11204977	5 l can		1
11255635	20 l can		1
11157691	60 l drum		1

Agricultural and industrial cleaner 500 ml

Universal cleaner and quick degreaser, hydrocarbon alcohol-based.

Properties:

- Optimum cleaning action on grease and resin
- Cleans without leaving a residue
- Protects against immediate rusting, extended period of action thanks to mid-range evaporation number

Areas of application:

- For maintenance, repair and assembly where there are greasy and resinous deposits
- For degreasing and activating parts before bonding and painting
- Ideal for residue-free cleaning

Container: 500 ml

Part no. 320320123



Tyre care foam 600 ml

Tyre foam for improving the appearance of stressed tyres. Cleans, protects and cares for tyre sidewalls. The special antistatic effect delays recontamination.

Properties:

- Improves the visual appearance as the colour is refreshed
- Semi-gloss effect
- Protects against recontamination
- Cleans and cares for tyres
- Suitable for all tyre types

Areas of application:

- Stressed vehicle tyres
- Rubber and plastic parts

Container: 600 ml

Box contents: 12

Part no. 320320103



Rim cleaner 1 l

For gentle removal of stubborn dirt, such as brake dust and other road grime, from steel and aluminium rims.

Properties:

- Excellent cleaning performance, good material compatibility with all materials used on rims
- No corrosion on wheel bolts and steel parts

Areas of application:

For removing dirt from aluminium rims, steel rims and plastic hubcaps.

Container: 1 l

Part no. 320320138



Cleaning concentrate GRANIT 6000

High-gloss spray cleaning concentrate with beading effect for your agricultural business. For fast and thorough cleaning of commercial vehicles and systems of all kinds.

Properties:

Suitable for contamination all kinds in the agriculture sector.

Quickly and thoroughly removes:

- Maize and grass residues
- Oil and grease
- Protein and starch stains
- Slurry and urine residues
- Algae and green rust

Also effective on general everyday and environmental contamination, as well as grease, oil, encrusted dirt, soot particles and brake dust.

Ideal as an intensive cleaner for coarse contamination.

Effortlessly removes hydraulic and engine oils.

Gentle on materials and compatible with aluminium.

Also suitable for sensitive surfaces and workpieces (painted surfaces, copper, etc.)

Demulsifying and therefore suitable for oil separators.

Areas of application:

- Agricultural machinery (tractors, tractor units, self-propelled harvesters)
- Stable and milking parlour
- Trailers and utility vehicles
- Loading and transport wagons
- Slurry tankers

Application:

Premix, spray on with a sprayer, allow the

adhesive foam to work and rinse

Recommended dosage: depending on the degree of contamination 3-10% (1:30-1:10)

Safety:

Based on the data available, this product is not a hazardous substance within the meaning of EC directives. However, the usual precautions when handling chemicals must be observed.



Part no.	Container	PP
12403315	5 l	1
12366545	10 l	1
12347843	30 l	1
12347844	200 l	1

Foam cleaner for glass 600 ml

Active foam cleaning spray with excellent wetting and cleaning action. The active foam penetrates hard-to-reach places and provides convenient, economical, fast and streak-free cleaning.

Properties:

- Streak-free cleaning thanks to special surfactants
- Excellent wetting and cleaning effect
- Removes road dust and insects
- Removes nicotine deposits and silicone residues
- Economical
- Compatible with paints, rubber and plastics

Areas of application:

- Glass surfaces
- Plastic surfaces
- Upholstery

Container: 600 ml

Box contents: 12

Part no. 320320007-1



Foam cleaner for upholstery 500 ml

Aqueous foam cleaner for upholstery, for stubborn stains with very good cleaning effect. Universal. Phosphate-free.

Properties:

- Very good cleaning effect on stubborn stains such as coffee, ketchup, cola, etc.
- Cleans gently and refreshes colours
- Leaves no visible residues
- Eliminates odours and leaves a pleasant fragrance
- Suitable for a wide range of upholstery types such as fabric, velour upholstery, headliners and vinyl cladding

Areas of application:

- Velour upholstery in the home
- All common upholstery types in vehicles
- Headliners
- Vinyl cladding

Container: 500 ml

Box contents: 12

Part no. 320320117



Air conditioning spray 100 ml

Quick and efficient odour removal in the vehicle interior.

Properties:

- Reliably eliminates unpleasant odours
- Leaves a pleasant fresh fragrance
- Reaches even hard-to-reach areas thanks to the fine distribution of active ingredients
- Leaves no residues

Areas of application:

- Vehicles with air conditioning or ventilation systems
- Preparation of used vehicles

Container: 100 ml

Part no. 320320104



Resin remover 500 ml

High-performance alkaline spray for removing heavy resin build-up and coarse dirt (resin, bitumen, tar, adhesions, encrusted, burned-on/dried-on dirt).

Properties:

- Developed for effortless cleaning of heavy resin deposits and coarse dirt
- Effective with high cleaning power
- Gentle on materials, ideal for metals, plastic and painted surfaces

Areas of application:

- Garden, agricultural and forestry equipment
- Chainsaws (cutting set: saw chain, blade)
- Saw blades, cutting tools (hedge trimmer, brushcutter, lawnmower)
- Tool and machine housings
- Woodworking (harvester, circular saw, planer)

Container: 500 ml

Box contents: 12

Part no. 320320122



Cockpit spray 400 ml

Fully synthetic, high temperature-resistant, silicone-free care spray with antistatic effect. User-friendly and safe to handle. Reduces wear and eliminates unpleasant squeaking noises.

Properties:

- Maintains and protects plastic and rubber
- Non-soiling, non-greasy and fully synthetic care and lubricating film
- Silicone-free
- Eliminates creaking and squeaking
- High performance and long-lasting protection
- Displaces moisture and humidity
- Prevents rubber from freezing
- Does not gum or stick
- Antistatic and protects against UV rays

Areas of application:

- Plastic and rubber parts
- Stiff seat belts
- Seals
- Stiff window guides

Container: 400 ml

Box contents: 12

Part no. 320320014-1



Label remover 500 ml

High-performance cleaner for industrial applications. For maintenance, repair and assembly work.

Properties:

- Removes labels, adhesives, protective preservatives and heavy contamination
- Very powerful cleaning and dissolving action even on stubborn contamination
- Very good material compatibility as it is acetone-free
- Unpainted surfaces are not attacked
- Low evaporation rate
- Without allergenic terpenes
- Pre-cleaning for bonding

Areas of application:

- Adhesive tape residues
- Marking paints
- Protective preservatives
- Grease and oil contamination

Container: 500 ml

Box contents: 12

Part no. 320320137



Adhesive and sealant remover 500 ml

Special solvent for removing sealant and adhesive residues. Also suitable for vertical surfaces thanks to the excellent adhesion.

Properties:

- Dissolves and removes sealant and adhesive residues
- Facilitates the removal of oil, grease, resin, paint, varnish and tar
- Excellent adhesion even to vertical surfaces
- Protects workpiece surfaces thanks to less mechanical processing

Areas of application:

- Oil sumps
- Valve covers
- Manifolds
- Cylinder heads
- Metal flanges
- Other metallic engine parts

Container: 500 ml

Box contents: 12

Part no. 320320141



Contact cleaner 400 ml

Electrical contact cleaner for electrical contacts and sensitive electronic components.

Removes grease, oil and dirt from metallic contact surfaces.

Properties:

- For removing grease, oil and dirt from metallic contact surfaces
- Fast and residue-free evaporation
- Displaces moisture
- Also for cleaning hard-to-reach places

Areas of application:

For use on electronic contacts, battery terminals, earth connections, plug connections, etc.

Container: 400 ml

Box contents: 12

Part no. 320320127



Radiator sealant 1000 ml

Secures cooling circuit and combustion chamber against leaks, permanent sealing of hairline cracks and leaks, prevents seals from sweating and prevents coolant loss.

Areas of application:

For sweating head seals, leaking hose connections and hairline cracks in the radiator, cylinder head or engine block.

Application:

- Open heating valve
- Engine should be at operating temperature. Shake can and pour contents into the cooling circuit while the engine is running
- Add coolant
- After filling allow the engine to run for at least 10 minutes longer or carry out a test drive
- Check coolant level, air freedom and system leak tightness
- Sufficient for up to 33 l
- Compatible with antifreeze and coolants
- Also suitable for closed cooling systems
- Neutral towards rubber, plastics, light and non-ferrous metals
- Radiator sealant may not be used when there are filters in the cooling system

Container: 1000 ml

Part no. 320320005



Radiator cleaner 1000 ml

Cleaning concentrate for quick and easy cleaning of the cooling and heating system. Removes and binds residues containing oil and grease. Penetrates and removes sludge and corrosion deposits.

Areas of application:

- For solving the problem of reduced cooling performance when carrying out radiator repairs
- For use in the event of deposits in the cooling circuit
- For use when changing the coolant
- For cleaning after engine repairs (oil in the cooling system)

Application:

Drain contaminated coolant before cleaning and fill with fresh water. Add radiator cleaner and leave the engine to run at operating temperature for approx. 30 minutes. Drain the contaminated mixture - repeat treatment in the event of severe contamination. Flush the cooling circuit with clean water. After cleaning, refill the cooling system, vent and check for leaks. Sufficient for approx. 40 l of coolant.

Container: 1000 ml

Part no. 320320108



Engine oil additive 950 ml

Additive package with a new wear protection formula for improving the performance of engine oils. Stabilises the lubricating film even under extreme loads. Supplements partially used engine oil active ingredients for full fresh oil performance.

Areas of application:

- Reduces friction resistance thanks to the OMC2 formula
- Loosens gummed piston rings
- Protects against corrosion
- Neutralises corrosive combustion acids
- Reduces friction-related wear
- Improves the running-in of engine components in the oil circuit

Application:

Add to the engine oil. (Maximum 10% of the engine oil filling capacity.) 950 ml sufficient for up to 14 litres of engine oil.

Container: 950 ml

Part no. 320320110



Engine oil leak stop 950 ml

Special additive package for engine oil. Reduces oil consumption and reduces the risk of oil loss.

Application:

Bring the engine to operating temperature and add the contents to the engine oil. Allow the engine to run for 10 minutes. 950 ml sufficient for 14 litres of engine oil.

Do not exceed the dose of 20% of the engine oil filling capacity.

Areas of application:

- In the event of oil consumption by piston rings and valve guides
- In the event of engine oil leaks in diesel and petrol engines
- As a preventative measure in difficult operating conditions that can lead to a drop in the viscosity of the engine oil
- As a preventative measure during long engine oil change intervals

Container: 950 ml

Part no. 320320109



Engine interior cleaner 950 ml

Highly effective cleaning concentrate for petrol and diesel engines. Effective removal and dispersion of all soluble dirt and sludge deposits. Prevents rapid contamination of fresh oil.

Application:

Add the product to the engine at operating temperature before changing the oil. The oil level must not fall below the minimum quantity, and must not exceed the maximum quantity. Allow the engine to idle for no more than 20 minutes. Then change the oil and filter immediately. 950 ml sufficient for approx. 10 litres of engine oil.

Areas of application:

- In the event of oil sludge deposits
- In the event of a loss of piston ring compression
- In the event of rattling hydraulic valve lifters
- When changing the oil to prevent the new engine oil from being contaminated by used oil residues
- Suitable for petrol and diesel engines

Container: 950 ml

Part no. 320320111



Diesel additive 950 ml

Improves the ignitability of diesel fuel and fuel oil. Cleans the diesel system and combustion chamber. Protects against wear and corrosion. Enables clean combustion even at sub-zero temperatures.

Application:

Add to the tank before refuelling and before the temperature drops.

Add at approx. +5 to +8°C to ensure performance. 1 litre additive to 1000 litres diesel fuel and fuel oil.

Properties:

- Cleans the fuel and injection system of diesel engines
- Fuel saving thanks to precise injection and atomisation of diesel fuel
- Protects against wear and corrosion
- Improves the ignitability of diesel fuel and fuel oil
- Enables clean combustion even at sub-zero temperatures



Areas of application:

- For all diesel engines
- As a preventative measure at the time of each inspection
- For all diesel fuels, summer and winter diesel
- Fuel oil
- Suitable for modern common rail and pump nozzle injection systems

Container: 950 ml

Box contents: 6

Part no. 320320013

Super diesel additive 950 ml

High-performance additive for all diesel engines. Cleans and protects all components in contact with fuel. Ensures technically safe and economical operation.

Properties:

- Suitable for all diesel engines
- Reduces CO₂ and HC emissions
- Cleans the diesel system and combustion chamber
- Keeps the injection system clean
- Protects against wear and corrosion
- Increases lubricating effect with low-sulphur fuel
- Improves ignitability
- Effective against the growth and spread of microorganisms in the fuel tank
- As a preventative measure at every inspection
- For all diesel fuels (summer and winter diesel)
- Suitable for modern common rail and pump nozzle systems

Areas of application:

- For all diesel engines in agricultural machinery, trucks and cars
- As a preventative measure at the time of each inspection
- For all diesel fuels, summer and winter diesel
- Suitable for modern common rail and pump nozzle injection systems

Application:

Add the contents of the can to the tank. 950 ml sufficient for up 250 l of diesel. The quantity of fuel should be equivalent to at least the reserve volume.

Container: 950 ml

Part no. 320320112



Winter diesel additive 950 ml

Special winter product with a combination of active ingredients to improve the cold start behaviour of diesel vehicles.

The active ingredients have a positive effect on exhaust gas behaviour and combustion noise.

Properties:

- Flow improver for fuel oil, diesel and super diesel
- Prevents problems when switching from operation with summer diesel to winter diesel
- Keeps diesel and fuel oil operational at low temperatures
- Prevents fuel mixtures
- Increases the cetane number
- Prevents diesel from gelling and clogging fuel lines and filters

Areas of application:

- All diesel engines in vehicles and systems
- To avoid cold start and cold running problems, even in extreme cold
- For all fuel oil tanks

Application:

Add to the tank before refuelling and before the temperature reaches 0°C

Dosage:

Improvement of cold protection:

1:1000 = -3°C

1:500 = -6°C

1:200 = -12°C

Container: 950 ml

Part no. 320320107



Spray adhesive

Film-forming adhesive with high adhesive strength
Bonds fabric, foam, leather, paper, cardboard, plastic coverings, vinyl, insulation mats and rubber.
Precise application thanks to adjustable spray jet.

Properties:

- Strong adhesive effect
- Quick-drying
- Resistant to water and petrol
- Application temperature -30°C to +80°C, short-term (up to 1 hour) +100°C
- Even spray pattern

Areas of application:

- Paper, cardboard
- Metal films
- Leather
- Rubber
- Fabric, felt
- Plastics
- Polystyrene

Container: 400 ml

Part no. 320320135



Superglue

Transparent, high-quality superglue for various materials with easy gap bridging.

Properties:

- Medium viscosity (approx. 50-100 mPa.s)
- Setting time: 8-20 seconds
- Setting time on aluminium: 5-15 seconds
- Setting time on rubber: 5-10 seconds
- Final strength after: 24h
- Max. gap filling capacity: 0.10 mm
- Temperature resistance: -50°C to +80°C
- Colour: transparent

Areas of application:

Suitable for the following materials

- Metal ++
- Plastic ++
- Rubber ++
- EPDM elastomers +
- Glass/ceramic +
- Leather +
- Wood ---
- + Suitable ++ Preferred

Container: 20 g

Part no. 320320098



Assembly adhesive, white

High-quality adhesive and sealant based on MS polymer

Properties:

- Immediate initial adhesion
- Free from isocyanates and silicone
- Can be painted
- Can be sanded, odourless
- Permanently elastic, for universal use
- Suitable for heavy materials
- Anti-fungal

Areas of application:

Sheet metal processing, bodywork, apparatus construction, vehicle construction, air conditioning technology, roofing (compatible with bitumen), yacht/boat construction and window construction. Bonding stone, concrete, mirrors, natural stone, plaster, polycarbonate, PPSU, PVC, plastic, copper, lead, zinc, aluminium, steel, wood and glass. GRANIT assembly adhesive is silicone-free. This adhesive boasts unprecedented initial adhesion. With GRANIT assembly adhesive, it is possible to bond even heavy items such as stones, wood, tiles and metals where conventional adhesives would give way and slip.

Application examples:

Bonding metals, wood and plastics with each other.
Can be used in areas where silicone cannot. It is possible to bond even heavy items such as stones, wood, tiles and metals to walls and ceilings, where conventional adhesives would give way and slip.

Container: 310 ml

Part no. 320320097



Threadlocker

High-quality threadlocker for shock- and vibration-resistant securing of transversely and axially loaded threaded connections of all kinds. Meets the highest demands on the load-bearing capacity of a screw connection. The adhesive produces a material connection, and also serves as a seal for the thread gap and provides optimum protection against corrosion.

Properties:

- Vibration-resistant
- Single-component - clean and easy to apply
- Suitable for all thread types and shapes
- Also seals in the thread
- A single-component adhesive which hardens when it comes into contact with metal in the absence of air
- Easily, securely and permanently bonds, seals and secures screw connections, joints, bearings and pipe connections
- Replaces conventional fixing methods such as split pins, spring washers and washers



Part no.	Version	Container	PP
320320075	Medium strength - high viscosity - can be dismantled	24 g	1
320320076	Medium strength - high viscosity - can be dismantled	50 g	1
320320077	High strength - medium viscosity - difficult to dismantle	24 g	1
320320078	High strength - medium viscosity - difficult to dismantle	50 g	1

Silicone sealant

GRANIT silicone sealant is a high-quality neutrally crosslinking silicone that is resistant to weather influences, vibrations, moisture and high temperatures. The silicone is completely cured after 24 hours and can then be subjected to loading.

Properties:

- Temperature-resistant -50°C to +260°C
- Cures at room temperature
- High-quality silicone sealant
- Anti-fungal
- Permanently elastic
- Cannot be painted
- Good media resistance
- Excellent resistance to cold, heat and ageing with an extensive range of applications
- Can be used on numerous substrates
- High viscosity

Areas of application:

Gearbox, valve and housing covers, oil sumps and oil pumps, water pumps, transmissions and axles, flanges, tanks and containers.

Container: 200 ml automatic cartridge

Colour: black

Part no. 320320105



Silicone sealant

GRANIT silicone sealant is a high-quality neutrally crosslinking silicone that is resistant to weather influences, vibrations, moisture and high temperatures. The silicone is completely cured after 24 hours and can then be subjected to loading.

Properties:

- Temperature-resistant -50°C to +260°C
- Cures at room temperature
- High-quality silicone sealant
- Anti-fungal
- Permanently elastic
- Cannot be painted
- Good media resistance
- Excellent resistance to cold, heat and ageing with an extensive range of applications
- Can be used on numerous substrates
- High viscosity

Areas of application:

Gearbox, valve and housing covers, oil sumps and oil pumps, water pumps, transmissions and axles, flanges, tanks and containers.

Colour: black

Container: 310 ml

Part no. 320320096



GRANIT radiator antifreeze P11

GRANIT radiator antifreeze P11 is an ethylene glycol-based (MEG), amine-, phosphate-, nitrite- and borate-free radiator protection agent concentrate with additives based on OAT technology. Suitable for use in the coolant systems of combustion engines and for aluminium engines.

Properties:

- Excellent corrosion and frost protection
- Good compatibility with seal materials
- Hard water stable
- Cost efficiency
- Protection against overheating

Colour: blue

Antifreeze mixing ratio:

- 1/2 antifreeze:1/2 water = -37°C
- 2/5 antifreeze:3/5 water = -27°C
- 1/3 antifreeze:2/3 water = -18°C

Specifications:

Mercedes-Benz 325.0, MAN 324 NF, Volkswagen TL 774-C (G11)

Classifications:

ASTM D 3306, ASTM D 4985, BS 6580:2010, AFNOR N FR 15-601



Radiator antifreeze RM 50:50

Radiator antifreeze RM 50:50 is a premixed, ethylene glycol-based, nitrite-, amine- and phosphate-free radiator antifreeze with an additive package based on modern inhibitor technology for temperatures down to -37°C. It is also suitable for aluminium engines. It is premixed with high-quality preparation water (demineralised water).

Properties:

- Premixed with 50% radiator protection concentrate and 50% demineralised water
- For temperatures down to -37°C
- Excellent corrosion protection and frost protection
- Good compatibility with seal materials
- Hard water stable
- Cost-effectiveness
- Protection against overheating

Colour: blue

Specifications:

MAN 324 NF, Mercedes-Benz 326.0, Volkswagen TL 774-C (G11)

Classifications:

AFNOR N FR 15-601, ASTM D 3306, ASTM D 4985, BS 6580:2010

Container: 20 l

Part no. 210RM5050 GEB20



Part no.	Container	PP
12220391	1.5 l	1
12262506	5 l	1
12216788	20 l	1
12136084	60 l	1
12258634	200 l	1

Radiator antifreeze silicate-free P12+

GRANIT radiator antifreeze - silicate-free P12+ is an ethylene glycol-based silicate-, nitrite-, amine-, borate- and phosphate-free antifreeze concentrate with additives based on OAT technology. It is particularly suitable for aluminium engines and must be changed at intervals of up to five years.

Properties:

- Excellent long-term corrosion protection
- Optimum seal and rubber compatibility
- Optimum hard water stability
- Optimum heat transfer
- Optimum cost-effectiveness thanks to long-term protection
- Optimum frost protection
- Optimum protection against overheating
- Very good long-term stability

Colour: red/purple

Antifreeze mixing ratio:

- 1/2 antifreeze:1/2 water = -37°C
- 2/5 antifreeze:3/5 water = -27°C
- 1/3 antifreeze:2/3 water = -18°C

Specifications:

DTFR 29C110 (325.3); VW TL 774-D/F (G12+); MAN 324 SNF; DEUTZ DQC CB-14; Ford WSS-97B44-D/E; GM 6277M, B 040 1065; JD H 24 B1 & C1; Renault 41-01-001-D; Volvo Coolant VCS; DAF 74002; Mack 014GS 17004; Cummins CES 14439, CES 14603; Honda >1983, Motorbike; Opel / Vauxhall B 040 1065

Classifications:

AFNOR N FR 15-601, ASTM D 3306, ASTM D 4985, BS 6580:2010, CUNA NC 956-16, FFV Heft R443, JIS K 2234:2018, NATO S-759, Önorm V 5123, SAE J 1034, UNE 26-361 - 88



Part no.	Container	PP
12220392	1.5 l	1
12220440	5 l	1
12220159	20 l	1
12208995	60 l	1
12208996	200 l	1

Antifreeze tester

- For quickly and accurately checking the antifreeze content
- For ethylene glycol (ethanediol)/water mixtures in cooling circuits (tractors, commercial vehicles, cars, etc.)
- Visual inspection for rust and other contamination possible
- Can also be used at ambient temperatures below 10°C
- Pendulum display (down to -43°C/-45°F)

Part no. 11045408



Anti-freeze screenwash for windscreen washer system

GRANIT antifreeze concentrate for windscreen washer systems is a frost-resistant, deep action screenwash with excellent cleaning power and good material compatibility.

Prevents the windscreen and headlight washer systems from freezing. Effortlessly removes dirt accumulating during winter transport and ensures good visibility.

Properties:

- Prevents the windscreen washer system from icing
- Cleans vehicle screens intensively and remains free of ice
- Suitable for fan nozzles with a mixing ratio of 1:1

Colour: blue

Anti-freeze screenwash mixing ratio:

- Undiluted approx. -60°C
- 2/3 anti-freeze screenwash:1/3 water -30°C
- 1/2 anti-freeze screenwash:1/2 water -20°C



Part no.	Container	PP
320320003	1 l	1
320320012	5 l	1
320320132	20 l	1
320320041	60 l	1
320320082	200 l	1

Antifreeze concentrate, field sprayers

Protects spray circuits at low temperatures or during long-term storage. This product provides very good frost and corrosion protection. The concentrate must be used diluted. The mixture ensures good lubrication. Prevents deposits and prevents joints from drying out. No clogging of valves.

Properties:

- Frost protection
- Prevents seals from drying out
- Protection against corrosion
- Prevents deposits
- Helps to achieve an optimum spray result

Colour: red

Antifreeze mixing ratio:

- 35% antifreeze:65% water = -15°C
- 45% antifreeze:55% water = -25°C

Container: 10 l

Part no. 320320084



Screen de-icer 500 ml

Alcohol-based de-icer with liquid gas for fast and effective removal of ice and frost. Delays re-icing.

Properties:

- Very good de-icing
- Very good material compatibility
- Protects plastic surfaces and windscreen wipers
- Reliable spraying down to -20°C
- Delays re-icing

Areas of application:

- Frozen door seals
- Frosted windows
- Frozen locks

Container: 500 ml

Part no. 320320124



Screen de-icer 500 ml

GRANIT screen de-icer cleans and protects against re-icing. It is suitable for conventional types of glass, and for polycarbonate screens. It removes hoarfrost and ice from windscreens, exterior mirrors and headlights down to approx. -30°C, and guarantees a clear view without streaks. Does not attack paint, metals, plastics or rubber.

Container: 500 ml

Part no. 320320016



Acid tester 280 mm

For battery fluid

- Easy checking of the acid content of the battery fluid
- With sturdy plastic housing
- With suction bulb
- Measuring range: 1.10 to 1.30 g/ml
- Graduation: 0.01 g/ml

Part no. 11039713



Light spray oil

GRANIT light spray oil is a liquid solvent-free corrosion protection agent without graphite and MoS₂ for vehicles, agricultural machinery and equipment

The product forms a thin oily film.

Application using spray guns, brushes and handheld sprayers.

Properties:

- Compatible with non-ferrous metals
- Good corrosion protection



Part no.	Container	PP
2105600203	5 l	1
2105660401	20 l	1

Winter diesel additive 950 ml

Special winter product with a combination of active ingredients to improve the cold start behaviour of diesel vehicles. The active ingredients have a positive effect on exhaust gas behaviour and combustion noise.

Properties:

- Flow improver for fuel oil, diesel and super diesel
- Prevents problems when switching from operation with summer diesel to winter diesel
- Keeps diesel and fuel oil operational at low temperatures
- Prevents fuel mixtures
- Increases the cetane number
- Prevents diesel from gelling and clogging fuel lines and filters

Areas of application:

- All diesel engines in vehicles and plants
- To avoid cold start and cold running problems
- For all fuel oil tanks

Application:

Add to the tank before refuelling and before the temperature reaches 0°C

Dosage:

Improvement of cold protection:

1:1000 = -3°C

1:500 = -6°C

1:200 = -12°C

Container: 950 ml

Part no. 320320107



Acrylic paint spray by brand

High-quality acrylic paint. For painting and retouching smaller areas with high colour accuracy. Specially for machinery, machine parts, tools, vehicles of all kinds, equipment, steel furniture and much more.

- High-quality acrylic
- Quick-drying
- Excellent coverage
- Accurate colour
- Excellent adhesion
- For use on numerous materials
- Good flow, smooth surface
- Suitable for painting and repairing objects indoors and outdoors
- Surface can be polished
- Weatherproof, colourfast, UV-resistant
- Resistant to scratches, shocks and impacts

Container: 400 ml spray can



Part no.	Colour	PP	Part no.	Colour	PP
27077053	Amazone green	1	27077093	Husqvarna grey	1
27077008	Amazone orange	1	27077001	IHC light ivory	1
27077006	Atlas orange	1	27077029	IHC white	1
12079717	Bergmann green new	1	27077015	IHC red	1
27077049	Case IH red	1	27077046	JCB yellow	1
27077037	Case IH matt black	1	27077057	John Deere green	1
27077030	Case IH silver	1	27077038	John Deere matt black	1
11970489	Caterpillar yellow	1	27077047	John Deere yellow	1
27077054	Claas seed green	1	11980547	Komatsu yellow	1
27077003	Claas red	1	27077023	Kramer green	1
27077061	Claas light grey	1	27077042	Krone green new	1
27077039	Claas green	1	27077011	Krone red	1
27077060	Claas dark grey	1	27077043	Kubota orange	1
27077026	Deutz green 74 new	1	27077004	Kuhn red	1
27077031	Deutz silver	1	27077017	Kuhn red old	1
27077019	Deutz black blue	1	27077009	Kverneland red	1
27077014	Deutz red	1	27077021	Lemken blue	1
27077025	Deutz green old	1	11970270	Liebherr yellow	1
27077055	Deutz green 06	1	27077010	Massey Ferguson super red	1
27077024	Deutz green 05	1	27077032	Massey Ferguson silver	1
27077062	Fendt diamond grey	1	27077012	Massey Ferguson red old	1
27077056	Fendt green	1	11971185	MB Trac yellow green	1
27077059	Fendt grey old 100	1	11975351	Merlo green	1
27077016	Fendt red	1	27077041	New Holland white	1
11968788	Fendt green old	1	11978137	New Holland yellow new	1
11979941	Fendt nature green	1	27077050	New Holland blue new	1
27077048	Fiat red brown	1	27077018	Pöttinger red	1
27077007	Fiat orange	1	27077052	Rabe blue	1
27077063	Fiat dark brown	1	27077022	Reisch green	1
27077040	Fiat diamond white	1	27077013	Welger red	1
27077020	RAL 5008 blue	1	27077005	Zetor red	1
27077051	Ford blue	1	27077002	Zetor ivory	1
27077064	Ford white	1	27077058	Zetor black green	1
27077082	Hitachi red orange	1			

More colours can be found in our webshop at www.granit-parts.co.uk

Acrylic paint spray RAL colours

High-quality acrylic paint. For painting and retouching smaller areas with high colour accuracy. Specially for machinery, machine parts, tools, vehicles of all kinds, equipment, steel furniture and much more.

Properties:

- High-quality acrylic
- Quick-drying
- Excellent coverage
- Accurate colour
- Excellent adhesion to numerous materials
- Good flow, smooth surface
- Suitable for painting and repairing objects indoors and outdoors
- Surface can be polished
- Weatherproof, colourfast, UV-resistant
- Resistant to scratches, shocks and impacts

Container: 400 ml



Part no.	Colour	PP	Part no.	Colour	PP
11975350	RAL 1003 signal yellow	1	27077077	RAL 6001 emerald green	1
11969995	RAL 1004 golden yellow	1	27077078	RAL 6002 leaf green	1
11981532	RAL 1006 maize yellow	1	11971184	RAL 6003 olive green	1
27077083	RAL 1007 daffodil yellow	1	27077088	RAL 6005 moss green	1
11968894	RAL 1013 pearly white	1	11986708	RAL 6010 grass green	1
27077065	RAL 1015 light ivory	1	11978053	RAL 6011 reseda green	1
11967196	RAL 1018 zinc yellow	1	11982128	RAL 6017 May green	1
27077084	RAL 1021 rape yellow	1	27077079	RAL 6018 yellow green	1
11972066	RAL 1028 melon yellow	1	11971572	RAL 6024 traffic green	1
11983018	RAL 2000 yellow orange	1	27077089	RAL 6029 mint green	1
27077066	RAL 2002 blood orange	1	11982817	RAL 7001 silver grey	1
27077067	RAL 2004 pure orange	1	11981238	RAL 7011 iron grey	1
11971571	RAL 2008 bright red orange	1	11973063	RAL 7015 slate grey	1
27077068	RAL 2009 traffic orange	1	27077027	RAL 7016 anthracite grey	1
27077085	RAL 2011 deep orange	1	27077028	RAL 7021 black grey	1
27077070	RAL 3000 flame red	1	27077090	RAL 7024 graphite grey	1
27077086	RAL 3001 signal red	1	11982129	RAL 7032 pebble grey	1
27077071	RAL 3002 carmine red	1	27077091	RAL 7035 light grey	1
27077072	RAL 3003 ruby red	1	27077092	RAL 7043 traffic grey	1
11982816	RAL 3011 brown red	1	11967197	RAL 9002 grey white	1
27077073	RAL 3020 traffic red	1	11968789	RAL 9003 signal white	1
11980548	RAL 5002 ultramarine blue	1	27077036	RAL 9005 jet black, glossy	1
27077019	RAL 5004 black blue	1	27077081	RAL 9005 jet black, matt	1
11970271	RAL 5005 signal blue	1	27077080	RAL 9006 white aluminium	1
27077020	RAL 5008 blue	1	11977842	RAL 9007 grey aluminium	1
27077087	RAL 5010 gentian blue	1	27077033	RAL 9010 pure white	1
27077075	RAL 5015 sky blue	1	27077034	RAL 9011 graphite black	1
11977030	RAL 5017 traffic blue	1	27077035	RAL 9017 traffic black, glossy	1
11978052	RAL 5018 turquoise blue	1	11968895	RAL 9018 papyrus white	1
27077076	RAL 6000 patina green	1			

Rust protection set with colour chart

Contents:

- 3x rust protection 2.5 l red brown 600
- 3x rust protection 2.5 l grey 601
- 1x GRANIT colour chart

- Quick-drying special primer
- With rust protection pigments
- For iron and steel substrates
- GRANIT colour chart: clear presentation of the most common colours for agricultural and construction machinery

Part no. 895999118



More colours can be found in our webshop at www.granit-parts.co.uk

Rust protection primer, acrylic-based

This primer ensures excellent adhesion to steel, aluminium, polyester fillers and numerous plastics.

Properties:

- High level of coverage and filling power
- Excellent adhesion to steel, aluminium, polyester fillers, fully hardened old paint, various plastics such as PC, PVC, ABS, PA, SAN, PU, UP, EP
- Resistant to silicone removers
- Suitable for wet and dry grinding
- Easy, time-saving handling
- Quick-drying
- Can be painted with water- and solvent-based paints



Part no.	Description	Container	PP
27077044	Rust protection grey 601	400 ml spray can	1
27077045	Rust protection red brown 600	400 ml spray can	1

Pack of 6 rust protection spray set

Acrylic-based rust protection primer

Properties:

- High level of coverage and filling power
- Excellent adhesion to steel, aluminium, polyester fillers, fully hardened old paint, various plastics such as PC, PVC, ABS, PA, SAN, PU, UP, EP
- Resistant to silicone removers
- Suitable for wet and dry grinding
- Easy, time-saving handling
- Quick-drying
- Can be painted with water- and solvent-based paints

Contents:

3x rust protection grey 601 400 ml

3x rust protection red brown 600 400 ml

Areas of application:

This primer ensures excellent adhesion to steel, aluminium, polyester fillers and numerous plastics

Part no. 27013100



Synthetic resin-based rust protection

- Synthetic resin corrosion protection primer
- Quick-drying special primer with rust protection pigments

Areas of application:

- Special primer for iron and steel substrates
- GRANIT rust protection must always be reworked outdoors

Part no.	Colour	Container	PP
320320059	Red brown 600	400 ml spray can	1
27012423	Red brown 600	1 l tin	1
270339	Red brown 600	2.5 l tin	1
270340	Red brown 600	10 l bucket	1
320320134	Grey 601	400 ml spray can	1
27012422	Grey 601	1 l tin	1
270342	Grey 601	2.5 l tin	1
270343	Grey 601	10 l bucket	1
320320080	White	400 ml spray can	1
270981	White	10 l bucket	1
27012424	Black	1 l tin	1
270344	Black	2.5 l tin	1
270980	Black	10 l bucket	1
27012421	Yellow (penetrant)	1 l tin	1
270972	Yellow (penetrant)	2.5 l tin	1



Hardener for synthetic resin paint

Mixing ratio: paint + hardener max. 5%



Part no.	Container	PP
270768	1 l tin	1
270360	2.5 l tin	1

Synthetic resin thinner

A synthetic resin thinner whose slow evaporation guarantees very good flow without delaying the oxidative drying of paints.

The composition of GRANIT synthetic resin thinner means that it can be used with almost all known paints, including air- and oven-drying synthetic resin paints, silver bronzes, zinc dust paints, bitumen and asphalt paints.



Part no.	Container	PP
270898	1 l tin	1
270350	3 l tin	1
270351	6 l bucket	1
270352	12 l can	1

Synthetic resin thinner set

A synthetic resin thinner whose slow evaporation guarantees very good flow without delaying the oxidative drying of paints. The composition of GRANIT synthetic resin thinner means that it can be used with almost all known paints, including air- and oven-drying synthetic resin paints, silver bronzes, zinc dust paints, bitumen and asphalt paints.

Consisting of: 6x synthetic resin thinner 6l

Part no. 270351/6



Nitro thinner

A high-quality, semi-volatile solvent for thinning nitro, nitro-combination, chlorinated rubber, air-drying and storable synthetic resin paints, two-component paints, and air- and oven-drying Zapon paints.

Paints thinned using this product boast good coverage and a glossy finish once dry. This product boasts high thinning power, making it extremely economical.



Part no.	Container	PP
270354	1 l tin	1
270356	6 l bucket	1
270357	12 l can	1
270358	30 l can	1

Colour chart

Part no. 27000270



Paint mixing cup

The presto paint mixing cup is used wherever paints, varnishes, fillers, adhesives and much more need to be mixed.

With individual measurements for varnish, hardener and thinner.

Contents 1300 ml (with scale up to 1100 ml)

Filling capacity (l): 1.3

Part no. 3207015



Vehicle paint

Repair paint for vehicles, for styling, contrasting and laminating paintwork.

Description:

- Quick-drying acrylic paint for contrasting and laminating paintwork on vehicles
- High-quality acrylic
- Excellent adhesion
- High surface hardness with excellent resilience
- Good flow, smooth surface
- Quick-drying
- For indoor and outdoor use
- Can be polished, dirt-resistant surface
- Weatherproof, lightfast, UV-resistant (non-yellowing)
- Scratch-, shock- and impact-resistant
- Limited resistance to petrol



Part no.	Colour	Container	Box contents	PP
320320019-1	Glossy black	400 ml spray can	12	1
320320010-1	Matt black	400 ml spray can	12	1



Skin protection cream

- Protects heavily stressed skin against dirt, oil and grease
- Apply before work
- Dermatologically tested for compatibility with skin
- Ideal hand and skin protection for trade, industry and agriculture
- Forms an invisible film that protects skin against dirt, oil, paint, grease and grinding dust
- Does not block pores, allows skin to breathe
- Protects hands for up to 4 hours
- Easily washable with soap and water

Contents: 1000 ml

Part no. 320320094



Hand wash paste

Cleans thoroughly and gently

- Sand-free
- Skin-friendly
- With nourishing skin protection
- Exfoliating agent: natural wood flour
- Does not clog drains
- Dermatologically tested



Part no.	Container	PP
320320039	500 ml	1
320320008	10 l	1

Cream soap, 10 l

- Suitable for frequent use on slightly dirty hands
- Mild, skin-friendly cream soap for dispenser systems
- pH-neutral
- Made with moisturising, plant-based ingredients
- Moisturising

Physical properties:

- Colour: pink
- Consistency: gel-like liquid
- Concentrate pH value: 6.5

Contents: 10 l can

Part no. 5005126



Hand cleaning gel

Concentrate for effortlessly removing dirt, varnish, paint, oil and tar remnants

- With micro-fine abrasive particles
- Particularly skin-friendly thanks to the natural lipid and mild detergents
- Dermatologically tested



With sustainable exfoliating agents

Part no.	Description	Contents	PP
320320091-SET	Hand cleaning gel supply set	3x 3 l hand cleaning gel (part no. 320320091) 1x dispensing pump (part no. 320320092)	1
320320091	Hand cleaning gel	3 l can	1
320320092	Dispensing pump For 3 l round container		1
320320093	Wall mount For 3 l round container, made of stainless steel wire		1

GRANIT dispenser system



Part no.	Description	Contents	Contents	PP
320320089	Dispenser system starter set		1x hand cleaner 2 l 1x skin protection cream 1 l 1x care cream 1 l 3x dispenser	1
320320085	Professional hand cleaner GRANIT professional hand cleaner cleans thoroughly, but is mild and skin-friendly even when dealing with heavy contamination. Contains micro-fine exfoliating agents. Moisturising skin protection thanks to natural lipid.	2 l		1
320320086	Skin protection cream GRANIT skin protection cream forms an invisible film that protects skin against dirt, oil, paint, grease and grinding dust. Does not block pores and allows skin to breathe. Protects hands for a number of hours, easily washable with soap and water, dermatologically tested.	1 l		1
320320087	Care cream GRANIT care cream is designed for frequent use with stressed skin. Cares for skin during and after work. Moisturising, silicone-free and can be used sparingly. Rapidly absorbed and can also be used as a face cream.	1 l		1
320320088	Dispenser For hand cleaner			1

Universal cleaning wipes

High-quality cleaning wipes for cleaning hands, tools and surfaces

Properties:

- Absorbent
- Double-sided
- Antibacterial
- Skin-friendly
- Gentle and strong with microbeads
- Environmentally friendly and kind to skin
- Resealable packaging

Contents: 80 wipes

Part no. 320320095



Tricot rags

These tricot cleaning rags are made exclusively from cut-up T-shirts, sweatshirts and tracksuit bottoms. The cleaning rags are made from 100% recycled textiles. The cloths are low-lint and absorbent. These colourful tricot cleaning rags are ideal for cleaning work in the workshop.

Properties:

- Soft
- Recycled
- High tensile strength
- High absorbency

Areas of application:

- Degreasing
- Precision mechanical work
- Absorbing
- Cleaning



Part no.	Colour	Weight (kg)	PP
50033110	Multicoloured	10	1
50035310	White	10	1

Cleaning rolls

- The coloured paper cleaning cloth for all purposes
- Powerful absorption
- Fast cleaning combined with economy
- Separator sheet glued
- Point-to-point embossing

The tried and tested industrial and workshop cloth you can't do without. For removing liquids, oil, grease and drilling emulsions with a single wipe. Boasts excellent absorption at an unbeatable cost.



Part no.	Version	Contents	PP
5001000115	2-ply, blue, perforated sheets: 217 x 360 mm, 500 sheets per roll	2 rolls	2
50099027/2	2-ply, blue, perforated sheets: 375 x 380 mm, 1000 sheets per roll	2 rolls	2
500128350	3-ply, blue, perforated sheets: 370 x 380 mm, 1000 sheets per roll	1 roll	1

Set 4x 2-ply cleaning roll + 1x floor stand

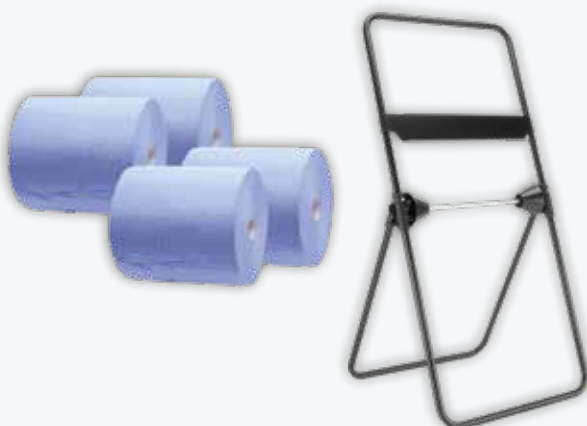
Contents:

- 4x 2-ply cleaning roll, blue, 1000 sheets per roll
- 1x floor stand made of anodised, corrosion-resistant steel tube

Part no. 5001234



SET



Set 3x 3-ply cleaning roll + 1x wall holder

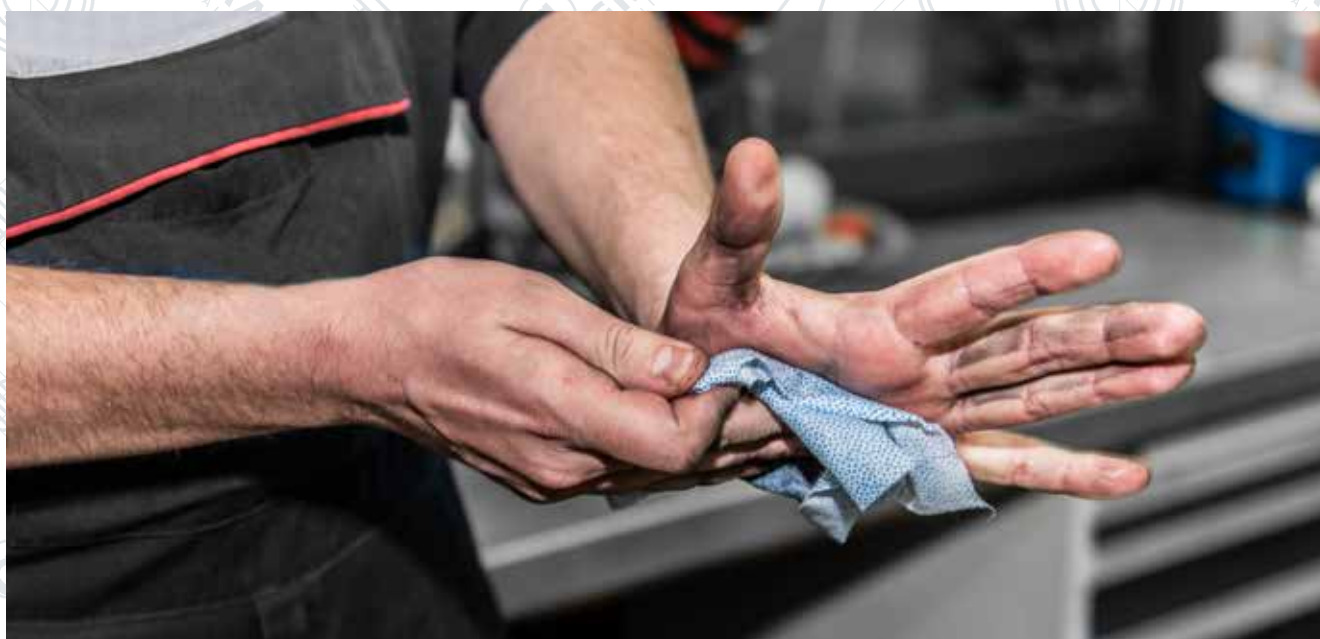
Contents:

- 3x 3-ply cleaning roll, blue, 1000 sheets per roll
- 1x wall holder made of corrosion-resistant steel tube for rolls up to 430 mm wide

Part no. 5000023



SET



PEARL softshell jacket

Material:

94% polyester / 6% elastane - 300 g/m²

- 4-way stretch softshell
- Elasticated cuffs and waist
- 2 pockets with zip
- Reflective strips

Part no.	EU size	UK size	PP
11974060	S	36-38	1
11973883	M	40-42	1
11740970	L	44-46	1
11983118	XL	48-50	1
11481069	2XL	52-54	1
11984726	3XL	56-58	1

ENDURANCE
STYLE



ZIRCON hoodie

Material:

55% cotton/45% polyester - 360 g/m²

- Ultra soft fleece fabric
- Adjustable hem
- Elasticated cuffs
- Two side pockets with zip

ENDURANCE
STYLE



Part no.	EU size	UK size	PP
11974489	S	36-38	1
11974490	M	40-42	1
12053721	L	44-46	1
12052016	XL	48-50	1
11988170	2XL	52-54	1
11983194	3XL	56-58	1

DIAMOND work trousers

- Ergonomically and anatomically shaped knee area, reinforced with Oxford fabric
- Hem at the end of the legs reinforced with Oxford fabric, extendable (by separating the seam)
- Comfort waistband
- Triple stitched
- With nylon belt and metal belt buckle
- Silver reflective strips
- 2 front pockets
- 2 back pockets with flap and bottom reinforced with Oxford fabric, press stud and hook and loop closure
- 1 leg pocket, left with flap and bottom reinforced with Oxford fabric, press stud and hook and loop closure
- 1 ruler pocket, right, reinforced with Oxford fabric and with attached pen pocket
- 1 mobile phone pocket, left with flap and hook and loop closure
- 1 hammer loop made of Oxford fabric

Material:

65% polyester, 35% cotton, approx. 280 g/m²

ENDURANCE
STYLE



Part no.	EU size	UK size	PP
517505-01	S	36-38	1
517505-02	M	40-42	1
517505-03	L	44-46	1
517505-04	XL	48-50	1
517505-05	2XL	52-54	1
517505-06	3XL	56-58	1

FLINT microfleece jacket

Material:

100% polyester, approx. 300 g/m²

- Anti-pilling microfleece
- Drawstring in hem
- Elasticated cuffs
- 2 hip pockets with zip

ENDURANCE
STYLE

Part no.	EU size	UK size	PP
517501-01	S	36-38	1
517501-02	M	40-42	1
517501-03	L	44-46	1
517501-04	XL	48-50	1
517501-05	2XL	52-54	1
517501-06	3XL	56-58	1



QUARTZ winter bomber jacket

- Extended back
- High collar reinforced with Oxford fabric, microfleece lining
- Shoulder yoke reinforced with Oxford fabric
- Elasticated cuffs and hem
- Double storm flap with 2 press studs and hook and loop closure
- Chin guard on the collar (anti-chafing protection)
- YKK® front zip
- Triple stitched
- Reflective strips, silver
- Breathable, windproof and water-repellent
- Breathable (3000 g/m²/24h)
- Water-repellent (water column 5000 mm)
- 2 chest pockets with zip
- 2 hip pockets with zip

- 1 inside pocket with hook and loop closure
- 1 sleeve pocket with zip
- 1 inside pocket with zip
- 1 mobile phone pocket, right with flap and hook and loop closure

Material:

100% polyester

Part no. 517500-01

ENDURANCE
STYLE

Part no.	EU size	UK size	PP
517500-01	S	36-38	1
517500-02	M	40-42	1
517500-03	L	44-46	1
517500-04	XL	48-50	1
517500-05	2XL	52-54	1
517500-06	3XL	56-58	1



JADE work overalls

Material:

65% polyester, 35% cotton, approx. 280 g/m²

- Elasticated straps with impact-resistant plastic buckle
- Ergonomically and anatomically shaped knee area, reinforced with Oxford fabric
- Hem at the ends of the legs reinforced with Oxford fabric, extendable
- Adjustable, elasticated waistband
- Triple stitched

ENDURANCE
STYLE

Part no.	EU size	UK size	PP
517506-01	S	36-38	1
517506-02	M	40-42	1
517506-03	L	44-46	1
517506-04	XL	48-50	1
517506-05	2XL	52-54	1
517506-06	3XL	56-58	1



EMERALD work shorts

ENDURANCE
STYLE

Material:

65% polyester, 35% cotton, approx. 280 g/m²

- Comfort waistband
- Triple stitched
- With nylon belt and metal belt buckle
- Silver reflective strips
- 2 front pockets
- 2 back pockets with flap and bottom reinforced with Oxford fabric, press stud and hook and loop closure
- 1 leg pocket, left with flap and bottom reinforced with Oxford fabric, press stud and hook and loop closure
- 1 ruler pocket, right, reinforced with Oxford fabric and with attached pen pocket
- 1 mobile phone pocket, left with flap and hook and loop closure
- 1 hammer loop made of Oxford fabric



Part no.	EU size	UK size	PP
517508-01	S	36-38	1
517508-02	M	40-42	1
517508-03	L	44-46	1
517508-04	XL	48-50	1
517508-05	2XL	52-54	1
517508-06	3XL	56-58	1

LAPIS polo shirt

ENDURANCE
STYLE

Material:

60% cotton, 40% polyester, approx. 200 g/m²

- 3-button design and raglan sleeves
- Ribbed polo collar
- Extended back
- Comfort slots in the side seam



Part no.	EU size	UK size	PP
517510-01	S	36-38	1
517510-02	M	40-42	1
517510-03	L	44-46	1
517510-04	XL	48-50	1
517510-05	2XL	52-54	1
517510-06	3XL	56-58	1

PU safety boots Allround S5

- PU safety boots, metal-free, with fibreglass protective cap and aramid fibre puncture protection
- Excellent comfort thanks to anatomical footbed and ergonomically shaped shaft
- Extra wide and asymmetrical fibreglass protective cap, ankle recess
- Flexible metatarsal protection (instep protection) thanks to material reinforcement in the instep area of the boot; protects the metatarsal bones from injuries caused by impacts
- Highly resistant thanks to BASF Elastopan® - PU systems with additional cold protection function
- PU insole: absorbs shocks and moisture, removable
- Flexible at low temperatures and insulates against cold down to -40°C
- Self-cleaning outsole
- Pull-off aid
- Extensive resistance to: animal oils and fats, slurry, blood, organic acids, bases, hydrocarbonate, alcohol, cleaning agents
- Certified according to: EN ISO 20345 S5 CI SR



Part no.	EU size	PP	Part no.	EU size	PP
19190796	37	1	11011885	44	1
19187723	38	1	12545673	45	1
19174073	39	1	19313258	46	1
12538777	40	1	11011598	47	1
18542626	41	1	19192666	48	1
19313257	42	1	19175628	49	1
19190797	43	1			

S3 lace-up safety boots Gravity CTX mid WR SRC

- Protection: steel toecap and steel midsole
- Shaft: smooth full-grain cowhide leather
- Plus: enclosed dust tongue, collar made of leather
- Footbed: removable, anatomically shaped COMFIT® AIR insole
- Lining: functional lining with breathable and water-repellent COA.TEX® membrane
- Sole: ClearTPU - non-slip and abrasion-resistant PU/TPU sole with overcap
- Width: 11
- DGUV 112-191 certified
- Colour: black



Part no.	EU size	PP	Part no.	EU size	PP
517631080-39	39	1	517631080-44	44	1
517631080-40	40	1	517631080-45	45	1
517631080-41	41	1	517631080-46	46	1
517631080-42	42	1	517631080-47	47	1
517631080-43	43	1			

S3 lace-up safety boots Gravitation low SRC

- Protection: steel toecap and steel midsole
- Shaft: smooth full-grain cowhide leather
- Plus: enclosed dust tongue, collar made of leather
- Footbed: removable, anatomically shaped COMFIT® AIR insole
- Lining: breathable 3D functional lining
- Sole: ClearTPU - non-slip and abrasion-resistant PU/TPU sole with overcap
- Width: 11
- Colour: black



Part no.	EU size	PP	Part no.	EU size	PP
517641080-39	39	1	517641080-44	44	1
517641080-40	40	1	517641080-45	45	1
517641080-41	41	1	517641080-46	46	1
517641080-42	42	1	517641080-47	47	1
517641080-43	43	1			

TOP assembly gloves

- Its robustness, comfort and breathability make the GRANIT assembly glove a real all-rounder
- Assembly gloves with nitrile microfoam coating and nitrile studs on the palms
- Thanks to the high level of comfort and the breathable coating, the GRANIT assembly gloves protect like a second skin.

Colour: black/grey

Material:

- 80% nylon, 20% elastane
- Coating: nitrile microfoam



Part no.	Size	Glove size	PP
18523444	L	9	12
19175359	XL	10	12
19160627	XXL	11	12



Pack of 12

Full-grain leather gloves

- Standard: EN 388
- CE Cat. 2
- Work gloves made of grain leather
- Double stitched
- Rubberised cuffs
- Lined palms



Part no.	Glove size	PP
5170170	9	12
5170171	10	12
5170172	11	12



Pack of 12

Split leather gloves

- Standard: EN 388
- CE Cat. 2
- Work gloves made of split leather
- Double stitched
- Rubberised cuffs
- Lined palms

Glove size: 10

Part no. 5170160



Pack of 12

Safety glasses



Part no.	Version	PP
50099213	Clear	1
50099214	Tinted grey	1



Breakdown kit

Contents:

Contents according to DIN 13164 - edition 2022-02
1x roll of adhesive plaster DIN 13019-A 5 m x 2.50 cm

1x plaster set:

- 4x quick dressings DIN 13019-EL, 10 cm x 6 cm
 - 2x fingertip dressings DIN 13019, 5 cm x 4 cm
 - 2x elastic finger dressings DIN 13019, 12 cm x 2 cm
 - 2x waterproof plaster strips DIN 13019, 1.9 cm x 7.2 cm
 - 4x waterproof plaster strips DIN 13019, 2.5 cm x 7.2 cm
 - 1x compression bandage DIN 13151-K, individual, sterile
 - 2x compression bandages DIN 13151-M, individual, sterile
 - 1x compression bandage DIN 13151-G, individual, sterile
 - 1x bandage DIN 13152-A 60 cm x 80 cm, individual, sterile
 - 2x gauze bandages DIN 61634-FB 6 6 cm, cellophane-wrapped
 - 3x gauze bandages DIN 61634-FB 8 8 cm, cellophane-wrapped
 - 1x emergency blanket 160 cm x 210 cm, silver/gold
 - 3 packs of 2 dressings 10 cm x 10 cm, sterile
 - 1x triangular bandage DIN 13168-D fleece
 - 1x scissors DIN 58279-A 145
 - 4x single-use gloves according to DIN EN 455-1, DIN EN 455-2 and DIN EN 455-3
 - 2x wet wipes for cleaning skin
 - 1x first aid booklet
 - 2x face masks, min. type I, according to DIN EN 14683
 - 1x list of contents
 - 1x Euro-Mini XS warning triangle
 - 1x hi-vis vest polyester DIN EN ISO 20471
- Dimensions (mm):
450 x 120 x 70

Part no. 50020138



First aid kit

For vehicles, contents conforming to DIN 13164

Contents:

1x roll of adhesive plaster DIN 13019-A 5 m x 2.50 cm

1x plaster set:

- 4x quick dressings DIN 13019-EL, 10 cm x 6 cm
- 2x fingertip dressings DIN 13019, 5 cm x 4 cm
- 2x elastic finger dressings DIN 13019, 12 cm x 2 cm
- 2x waterproof plaster strips DIN 13019, 1.9 cm x 7.2 cm
- 4x waterproof plaster strips DIN 13019, 2.5 cm x 7.2 cm
- 1x compression bandage DIN 13151-K, individual, sterile
- 2x compression bandages DIN 13151-M, individual, sterile
- 1x compression bandage DIN 13151-G, individual, sterile
- 1x bandage DIN 13152-A 60 cm x 80 cm, individual, sterile
- 2x gauze bandages DIN 61634-FB 6 6 cm, cellophane-wrapped
- 3x gauze bandages DIN 61634-FB 8 8 cm, cellophane-wrapped
- 1x emergency blanket 160 cm x 210 cm, silver/gold
- 3 packs of 2 dressings 10 cm x 10 cm, sterile
- 1x triangular bandage DIN 13168-D fleece
- 1x scissors DIN 58279-A 145
- 4x single-use gloves according to DIN EN 455-1, DIN EN 455-2 and DIN EN 455-3
- 2x wet wipes for cleaning skin
- 1x first aid booklet
- 2x face masks, min. type I, according to DIN EN 14683
- 1x list of contents

Part no. 50021010011



DynamicPro workshop trolleys

Suitable for all GRANIT BLACK EDITION insert sets

BLACK EDITION


Supplied without laptop

Supplied without vice

Part no.	Description	Version	Dimensions (mm)	Fig. no.	PP
11096295	DynamicPro workshop trolley	- High-quality sheet steel construction with sheet thickness of 1.0 mm - Additional reinforcement of the bottom, corners and back wall - High stability - Version with 8 drawers with individual locking - 7 drawers: 569 x 410 x 75 mm, load capacity: 40 kg - 1 drawer: 569 x 410 x 154 mm, load capacity: 60 kg - Central locking with keyless lock - Drawers with ball bearing-mounted runners and safety handles - With sturdy handle for safely pushing the workshop trolley - With 2 fixed and 2 swivel castors, Ø 125 mm - Total load capacity: 500 kg - Including magnetic nameplate for each drawer, cleaning roll holder, waste paper basket compartment and document holder - Powder-coated, glossy black	722 x 459 x 1000	1	1
11287660	DynamicPro Service workshop trolley	- High-quality sheet steel construction with sheet thickness of 1.0 mm - Additional reinforcement of the bottom, corners and rear panel - High stability - Version with 8 drawers with individual locking - 7 drawers: 569 x 410 x 75 mm, load capacity: 40 kg - 1 drawer: 569 x 410 x 154 mm, load capacity: 60 kg - Central locking with keyless lock - Drawers with ball bearing-mounted runners and safety handles - With sturdy handle for safely pushing the workshop trolley - With 2 fixed and 2 swivel castors, Ø 125 mm - Total load capacity: 500 kg - Including magnetic nameplate for each drawer, cleaning roll holder, waste paper basket compartment and document holder - Powder-coated, glossy black Including laptop holder (dimensions: 450 x 301 mm)	722 x 459 x 1000 (without laptop holder)	2	1
11267535	DynamicPro Worker workshop trolley	- High-quality sheet steel construction with sheet thickness of 1.0 mm - Additional reinforcement of the bottom, corners and rear panel - High stability - Version with 8 drawers with individual locking - 7 drawers: 569 x 410 x 75 mm, load capacity: 40 kg - 1 drawer: 569 x 410 x 154 mm, load capacity: 60 kg - Central locking with keyless lock - Drawers with ball bearing-mounted runners and safety handles - With sturdy handle for safely pushing the workshop trolley - With 2 fixed and 2 swivel castors, Ø 125 mm - Total load capacity: 500 kg - Including magnetic nameplate for each drawer, cleaning roll holder, waste paper basket compartment and document holder - Powder-coated, glossy black Including vice holder 4" (suitable for GRANIT BLACK EDITION 4" vice) Including perforated rear panel and 7-piece hook set	722 x 459 x 1450 (including perforated rear panel)	3	1

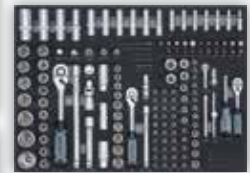
Ultra 2.0 workshop trolley

- High-quality sheet steel construction with sheet thickness of 1.0 mm
- High stability
- Version with 10 drawers
 - 6 drawers: 570 x 410 x 83 mm, load capacity: 25 kg
 - 2 drawers: 570 x 410 x 112 mm, load capacity: 30 kg
 - 2 drawers: 570 x 410 x 228 mm, load capacity: 40 kg
- Drawer and cabinet locking via 3 cylinder locks (keyed alike) with a total of 4 keys
- Drawers with ball bearing-mounted runners and safety handles
- The drawers can be pulled out 380 mm
- Shelf (inner door compartment) load capacity: 10 kg
- Wooden worktop, 30 mm thick, load capacity: 200 kg
- Prefabricated attachment points for GRANIT BLACK EDITION parallel vice 4" (11255648)
- With sturdy handle for safely pushing the workshop trolley
- With 4 steering wheels (Ø 125 mm) with brake
- Total load capacity: 520 kg
- Including 8 tool holders and 2 shelves
- Powder-coated, glossy black

Dimensions (mm): 1141 x 730 x 888



BLACK EDITION



Part no.	Description	Contents	PP
12363190	Ultra 2.0 Expert workshop trolley With tools, 277 pcs.	• 11410692: 1/1 insert set, 1/4", 3/8" and 1/2" socket wrenches, 163 pcs., metric • 11029402: 1/1 insert set, XL combination spanners, 31 pcs., metric • 11043858: 1/1 insert set, screwdrivers, 36 pcs. • 11400031: 1/1 insert set, hammers and chisels, 10 pcs. • 7303006: 1/1 insert set, pliers, 10 pcs. • 7303016: 1/2 insert set, double ring spanners, 11 pcs., metric • 7303017: 1/2 insert set, ratchet ring spanners, 15 pcs., metric	1
12258171	Ultra 2.0 workshop trolley	Not filled	1

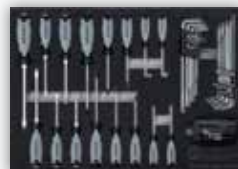
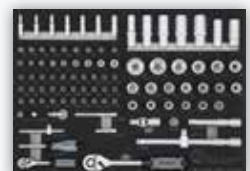
Performance 2.0 workshop trolley

- High-quality sheet steel construction with sheet thickness of 1.0 mm
- High stability
- Version with 8 drawers
 - 5 drawers: 570 x 410 x 74.5 mm, load capacity: 25 kg
 - 1 drawer: 570 x 410 x 153.5 mm, load capacity: 30 kg
 - 1 drawer: 313 x 410 x 548.5 mm, load capacity: 40 kg, including 18 storage boxes (L x W x H: 140 x 105 x 70 mm)
 - 1 drawer: 956.5 x 410 x 115.5 mm, load capacity: 40 kg
- Central locking with cylinder lock including 2 keys
- Drawers with ball bearing-mounted runners and safety handles
- The drawers can be pulled out 380 mm
- Stainless steel worktop, load capacity: 80 kg
- Total weight capacity: 260 kg
- With sturdy handle for safely pushing the workshop trolley
- With 2 fixed and 2 swivel castors, Ø 125 mm
- Including cleaning roll holder, waste paper basket compartment and document holder
- Powder-coated, glossy black

Dimensions (mm):
1108.5 x 482 x 1010



BLACK EDITION



Part no.	Description	Contents	PP
7301023	Performance 2.0 Heavy workshop trolley With tools, 216 pcs.	• 7303000: 1/1 insert set, 1/2" and 1/4" socket wrenches, 95 pcs., metric • 7303001: 1/1 insert set, 3/4" socket wrench, 19 pcs., metric • 7303002: 1/1 insert set, spanners, 28 pcs., metric • 7303003: 1/1 insert set, screwdrivers, 36 pcs. • 7303005: 1/1 insert set, hammers, files and accessories, 26 pcs. • 7303006: 1/1 insert set, pliers, 10 pcs.	1
12369034	Performance 2.0 workshop trolley	Not filled	1

Dynamic 2.0 workshop trolley

Suitable for all GRANIT BLACK EDITION insert sets

Version:

- High-quality sheet steel construction with sheet thickness of 1.0 mm
- High stability
- Version with 8 drawers with individual locking
 - 7 drawers: 570 x 410 x 74.5 mm, load capacity: 25 kg
 - 1 drawer: 570 x 410 x 153.5 mm, load capacity: 30 kg
- Central locking with cylinder lock including 2 keys
- Drawers with ball bearing-mounted runners and safety handles
- The drawers can be pulled out 380 mm
- Stainless steel worktop, load capacity: 50 kg
- With sturdy handle for safely pushing the workshop trolley
- With 2 fixed and 2 swivel castors, Ø 125 mm
- Total load capacity: 260 kg
- Including cleaning roll holder, waste paper basket compartment and document holder
- Powder-coated, glossy black



BLACK EDITION



Part no.	Description	Contents	PP
7303100	Dynamic 2.0 Start workshop trolley With tools, 133 pcs.	• 7303000: 1/1 insert set, 1/2" and 1/4" socket wrenches, 95 pcs., metric • 7303002: 1/1 insert set, spanners, 28 pcs., metric • 7303004: 1/1 insert set, screwdrivers, hammers and pliers, 10 pcs.	1
12139965	Dynamic 2.0 workshop trolley, not filled	Not filled	1

Socket wrench and spanner set

211 pcs., metric

Description:

- Chrome vanadium steel
- Matt satin finish
- Sturdy, finely splined ratchet for high loads
- Ratchet: 72 teeth with quick release function
- 2-component handles
- Sockets can be replaced quickly via the push button lock
- Switch between clockwise and anticlockwise operation using the lever
- Hexagon sockets
- Angled combination spanners
- In high-quality, sturdy GRANIT BLACK EDITION tool case with metal clasps, ordering system and plastic divider to ensure that the tools fit perfectly
- Dimensions including case handle: 500 x 397.5 x 102.5 mm

Contents:

- 1/4", 3/8", 1/2" reversible ratchet, 72 teeth
- Combination spanner, angled, 8/10/11/12/13/14/15/16/17/18/19/22 mm
- 1/4" hexagon socket, 4/4.5/5/5.5/6/7/8/9/10/11/12/13/14 mm
- 1/4" hexagon socket, long, 4/5/6/7/8/9/10 mm
- 1/4" bit socket, hexagonal, 3/4/5/6 mm
- 1/4" bit socket, slotted, 4/5.5/7 mm
- 1/4" bit socket, PH1/PH2/PH3
- 1/4" bit socket, PZ1/PZ2/PZ3
- 1/4" bit socket, TX, T8/T9/T10/T15/T20/T25/T27/T30
- 1/4" bit socket, TX with face hole, TB8/TB9/TB10/TB15/TB20/TB25/TB27/TB30
- 1/4" TX-E socket, E4/E5/E6/E7/E8
- 1/4" bit adaptor socket, with clamping ring
- 1/4" T-handle with slide, 110 mm
- 3/8" hexagon socket, 10/11/12/13/14/15/16/17/18/19 mm
- 3/8" hexagon socket, long, 10/11/12/13/14/15 mm
- 3/8" TX-E socket, E10/E11/E12/E14/E16/E18
- 3/8" bit adaptor socket, 3/8" x 5/16", 28 mm
- 3/8" spark plug socket, 18 mm
- 1/2" hexagon socket, 10/11/12/13/14/15/17/19/20/21/22/24/27/30/32 mm
- 1/2" hexagon socket, long, 13/17/19 mm
- 1/2" spark plug socket, 16/21 mm
- 1/2" TX bit socket, T5/T60
- 1/2" TX-E socket, E20/E24
- 1/2" bit adaptor socket, 1/2" x 5/16", 38 mm
- 1/2" extension, 125/250 mm
- 3/8" expansion adaptor, 3/8" F x 1/2" M

- 1/4" extension, 50/100 mm
- 3/8" extension with hexagon drive, 150 mm
- 1/4", 3/8", 1/2" universal joint
- 5/16" PZ bit, PZ3/PZ4
- 5/16" PH bit, PH3/PH4
- 5/16" slotted bit, 6/6.5/8 mm
- 5/16" bit with hexagon socket, 5.5/6/6.5/7/8 mm
- 5/16" TX bit, T25/T27/T30/T35/T40/T45/T50
- 5/16" TX bit, hole, TB27/TB30/TB35/TB40/TB45/TB50
- 5/16" internal multi-tooth XZN, M5/M6/M8/M10
- Hex keys, short, 1.27/1.5/2/2.5/3/4/5 mm
- Screwdriver with 1/4" bit holder
- 1/4" square screwdriver, 150 mm
- 1/4" bit PH, PZ, TX, TB, HEX, etc.

Drive: 1/4", 3/8", 1/2"

Part no. 12271881



Socket wrench set 1/4", 3/8", 1/2"

181 pcs., metric

Description:

- Chrome vanadium steel
- Matt satin finish
- Sturdy, finely splined ratchet for high loads
- Ratchet: 72 teeth with quick-release function
- 2-component handles
- Sockets can be replaced quickly using the push button lock
- Can be switched between clockwise and anticlockwise operation using the lever
- Hexagon sockets
- In high-quality, sturdy GRANIT BLACK EDITION tool case with metal clasps and ordering system
- Dimensions including case handle: 500 x 397.5 x 102.5 mm

Contents:

- 1/4" square screwdriver, 150 mm
- 1/4", 3/8", 1/2" reversible ratchet, 72 teeth
- 1/4" hexagon socket, 4/4.5/5/5.5/6/7/8/9/10/11/12/13/14 mm
- 1/4" hexagon socket, long, 4/5/6/7/8/9/10 mm
- 1/4" bit socket, hexagonal, 3/4/5/6 mm
- 1/4" bit socket, slotted, 4/5.5/6.5/7 mm
- 1/4" bit socket, PH1/PH2/PH3
- 1/4" bit socket, PZ1/PZ2/PZ3
- 1/4" bit socket, TX, T8/T9/T10/T15/T20/T25/T27/T30
- 1/4" bit socket, TX with face hole, TB8/TB9/TB10/TB15/TB20/TB25/TB27/TB30
- 1/4" TX-E socket, E4/E5/E6/E7/E8
- 1/4" bit adaptor socket, with clamping ring
- 1/4" T-handle with slide, 110 mm
- 3/8" hexagon socket, 10/11/12/13/14/15/16/17/18/19 mm
- 3/8" hexagon socket, long, 10/11/12/13/14/15 mm
- 3/8" TX-E socket, E10/E11/E12/E14/E16/E18
- 3/8" bit adaptor socket, 3/8" x 5/16", 28 mm
- 3/8" spark plug socket, 18 mm
- 1/2" hexagon socket, 10/11/12/13/14/15/16/17/18/19/20/21/22/24/27/30/32 mm
- 1/2" hexagon socket, long, 13/17/19/24 mm
- 1/2" spark plug socket, 16 mm
- 1/2" TX-E socket, E20/E24
- 1/2" bit adaptor socket, 1/2" x 5/16", 38 mm
- 1/2" spark plug socket, 21 mm
- 1/2" extension, 125/250 mm
- 3/8" reducing adaptor, 3/8" F x 1/4" M
- 3/8" expansion adaptor, 3/8" F x 1/2" M
- 3/8" slide/expansion adaptor
- 1/4" extension, 50/100 mm

- 3/8" extension with hexagon drive, 150 mm
- 1/4", 3/8", 1/2" universal joint
- 1/4" bit, TX, 25 mm, T5/T6/T7/T8/T9/2xT10/2xT15/2xT20/2xT25/2xT27/2xT30
- 1/4" bit for five-pointed star, hole, TS10/TS15/TS20/TS25/TS27/TS30/TS40/TS45
- 5/16" bit, PZ, 30 mm, PZ3/PZ4
- 5/16" bit, PH, 30 mm, PH3/PH4
- 5/16" bit with hexagon socket, 7/8/10/12/14 mm
- 5/16" bit, TX, hole, 30 mm, TB40/TB45/TB50/TB55
- 5/16" bit, slotted, 8/10/12 mm
- 5/16" bit, TX, 30 mm, 2xT40/2xT45/2xT50/2xT55/2xT60/2xT70
- Hex key, short, 1.5/2/2.5/3/4/5/6/8 mm

Part no. 7301001



1/2" socket wrench set

20 pcs., metric

Description:

- Chrome vanadium steel
- Matt satin finish
- Sturdy, finely splined ratchet for high loads
- Ratchet: 72 teeth with quick release function
- 2-component handles
- Sockets can be replaced quickly via the push button lock
- Switch between clockwise and anticlockwise operation using the lever
- Hexagon sockets
- In high-quality, sturdy GRANIT BLACK EDITION tool case with ordering system
- Dimensions including case handle: 390 x 285 x 77.5 mm

Contents:

- 1/2" reversible ratchet, 72 teeth
- 1/2" hexagon socket, 10/11/12/13/14/15/16/17/18/19/22/24/27/30/32 mm
- 1/2" extension, 125/250 mm
- 1/2" universal joint
- 3/8" slide/expansion adaptor, 3/8" F x 1/2" M

Part no. 7301002



3/4" socket wrench set

BLACK EDITION

19 pcs., metric

Description:

- Chrome vanadium steel
- Matt satin finish
- Sturdy ratchet for high loads
- Ratchet: 24 teeth with quick release function
- Sockets can be replaced quickly via the push button lock
- Switch between clockwise and anticlockwise operation using the lever
- Hexagon sockets
- In high-quality, sturdy GRANIT BLACK EDITION tool case with metal clasps and ordering system
- Dimensions including case handle: 590 x 428.9 x 112.5 mm

Contents:

- 3/4" reversible ratchet, 24 teeth
- 3/4" hexagon socket, short, 19/21/22/24/27/29/30/32/35/36/38/41/46/50 mm
- 3/4" extension, 100/200/400 mm
- 3/4" T-handle with slide, 450 mm

Part no. 7301003



1/4" socket wrench set

BLACK EDITION

45 pcs., metric

Description:

- Chrome vanadium steel
- Matt satin finish
- Sturdy, finely splined ratchet for high loads
- Ratchet: 72 teeth with quick release function
- 2-component handles
- Sockets can be replaced quickly via the push button lock
- Switch between clockwise and anticlockwise operation using the lever
- Hexagon sockets
- In high-quality, sturdy GRANIT BLACK EDITION tool box with ordering system

Contents:

- 1/4" reversible ratchet, 72 teeth
- 1/4" square screwdriver
- 1/4" hexagon socket, 4/4.5/5/5.5/6/7/8/9/10/11/12/13/14 mm
- 1/4" bit socket, TX, T10/T15/T20/T25/T27/T30/T40
- 1/4" bit socket, hexagon socket, 3/4/5/6/7/8 mm
- 1/4" bit socket, PH1/PH2/PH3
- 1/4" bit socket, PZ1/PZ2
- 1/4" bit socket, slotted, 4/5.5/7 mm
- 1/4" extension, 50/100 mm
- 1/4" flexible extension
- 1/4" T-handle with slide
- 1/4" universal joint
- 1/4" square adaptor, for bit ratchet spanner
- Hex key, short, 1.5/2/2.5 mm

Part no. 7301004



Combination spanner set, 6-32 mm

BLACK EDITION

21 pcs.

Description:

- Chrome vanadium steel
- Jaws angled 15°
- Matt chrome-plated, satin surface finish
- In practical tool roll

Contents:

AF: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm

Part no. 7301350



Screwdriver set

17 pcs.

Description:

- 2-component handles for high power transmission without slipping
- Blades made of S2 steel, round
- Burnished tips
- Selected sizes also with hexagon drive for higher power transmission
- Handle markings for easily finding and sorting the screwdrivers
- In high-quality, sturdy GRANIT BLACK EDITION tool case with ordering system
- Dimensions including case handle: 390 x 285 x 77.5 mm

Contents:

- PH: 1, 2, 3 (with hexagon drive)
- PZ: 1, 2, 3 (with hexagon drive)
- Slotted: 2.5 mm
- Slotted with striking cap: 4, 5.5, 6.5, 8 mm (from 5.5 mm with hexagon drive)
- T10, T15, T20, T25, T27, T30

Part no. 7301464



BLACK EDITION

Screwdriver set with striking cap

6 pcs.

Description:

- 2-component handles for high power transmission without slipping
- Fully hardened hexagonal blades, special steel
- With hexagon drive for higher power transmission (from 5.5 mm)
- Handle marking for easily finding and sorting the screwdrivers

Contents:

- PH1, PH2 with hexagon drive
- Slotted 5.5, 6.5, 8 mm with hexagon drive
- Slotted 4 mm

Part no. 7301466



BLACK EDITION

Pliers set

4 pcs.

Description:

Water pump pliers:

- With dipped grips
- Quick adjustment at the push of a button
- Special steel
- Induction hardened jaws up to 58 HRC
- High wear resistance

Combination pliers, power side cutters, needle nose pliers:

- 2-component handles
- Suitable for different types of wire
- Surface with matt finish
- Hardened precision cutting edges
- Special steel

Contents:

- 1x water pump pliers, 250 mm
- 1x needle nose pliers 200 mm
- 1x combination pliers 180 mm
- 1x side cutters 160 mm

Part no. 7301540



BLACK EDITION

Professional tool set

58 pcs.

- Spanners, socket wrenches and accessories made of chrome vanadium steel with satin finish
- Sturdy, finely splined ratchet with 72 teeth for high loads
- Newly developed 2-component handles for high power transmission without slipping
- Dimensions including case handle: 500 x 397.5 x 102.5 mm

Contents:

- 1/4" square screwdriver, 150 mm
- 1/4" reversible ratchet
- 1/2" reversible ratchet
- 1/4" hexagon sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 1/2" hexagon sockets, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm
- 1/4" extension, 50 mm, 100 mm
- 1/2" extension, 125 mm

- 1/2" bit adaptor socket, 1/2" x 5/16", 38 mm
- 1/4" bit adaptor
- Combination spanners, angled, 6, 7, 8, 9, 10, 13, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm
- Screwdrivers with striking cap: PH1, PH2, slotted: 4, 5.5, 6.5 mm
- 1/4" bit set, 32 pcs.
- Water pump pliers with quick adjustment, 250 mm
- Combination pliers, 180 mm
- Side cutters, 160 mm
- Fitter's hammer 500 g

Part no. 7302220

BLACK EDITION



On-board tool set

25 pcs.

Description:

- Compact tool set with the most important screwdriving and testing tools for maintenance work
- Tools in robust and durable GRANIT BLACK EDITION fabric bag with ordering system and zip

Contents:

- Double open-ended spanners, 8x9, 10x11, 12x13, 17x19 mm
- Double ring ratchet spanner, 10x19 - 13x17 mm
- Water pump pliers, 180 mm
- Hex key set, 10 pcs.
- Screwdrivers: PH1, PH2, slotted: 3, 4, 5.5 mm
- Aluminium telescopic magnetic holder
- Aluminium telescopic mirror
- Feeler gauge, 20 blades, 0.05 - 1 mm

Part no. 7302222

BLACK EDITION



Heavy Duty tool box

With tools, 54 pcs.

Tool box:

- With riveted joints
- Tool compartments can be extended
- High stability even when pulled out on one side
- Two carry handles
- Black hammer paint finish
- Weight (kg): 4.45
- Material thickness (mm): 0.65

Contents:

- 1/4", 1/2" reversible ratchet, 72 teeth
- 1/2" hexagon socket: 10, 11, 12, 13, 16, 17, 19, 21, 22, 24 mm
- 1/4" hexagon socket: 6, 7, 8, 9, 10, 11, 12, 13 mm
- 1/2" extension, 125 mm
- 1/4" adaptor, with clamping ring
- 1/4" bit box, 57 pcs.
- Double open-ended spanner: 8x9, 10x13, 13x17, 17x19, 19x22, 22x24 mm
- 1/4" square screwdriver, 150 mm
- Feeler gauge, 0.05 - 1 mm
- Thread gauge, 0.25 - 6 mm
- Combination pliers, 180 mm
- Tape measure, 3 m
- Screwdriver with striking cap: slotted: 6, 5, 8 mm
- Screwdriver: PH1, PH2, slotted: 4, 5.5 mm

- Side cutters, 160 mm
- 1/4" extension, 50 mm
- Water pump pliers, 250 mm
- Key set, 1.5-10 mm
- Fitter's hammer, 1000 g
- Battery-powered LED work light BEX 3-in-1

Dimensions (mm): 530 x 200 x 200

Part no. 11986696

BLACK EDITION



Creepers

- For comfortable work under vehicles and machines
- Deep for the greatest possible freedom of movement
- Single-piece construction made of high-strength black plastic
- Cut-out arm areas for optimum freedom of movement
- Padded headrest for high comfort when lying down
- With practical tool trays and compartments for small parts on the right and left sides
- High load capacity of up to 180 kg
- Swivel castors with rubber treads
- Carry handle in the foot area
- Dimensions: L 1030 x W 480 x H 115 mm

Part no. 11043580

BLACK EDITION



Creepers and seat, 2-in-1

- For comfortable work on and under vehicles and machines
- Max. load capacity 180 kg
- Easy switching between the two functions
- Sturdy tubular steel frame with padded lying surface
- Dimensions: L 1200 x W 450 x H 130 mm (lying position)
- Seat height: 420 mm
- Seat: 300 x 310 mm

Part no. 11140076

BLACK EDITION



Battery-powered LED spotlight BEX 4000

BLACK EDITION

- 40 W battery-powered LED spotlight with COB LED (6500 K)
- 11.1 V 4400 mAh Li-ion battery with battery level and charge indicator
- 3 adjustable light levels
 - High-power mode: 4000 lm ($\pm 10\%$) / lighting duration: 1.5 hours (± 15 min.)
 - Normal mode: 1600 lm ($\pm 10\%$) / lighting duration: 4.0 hours (± 30 min.)
 - ECO mode: 800 lm ($\pm 5\%$) / lighting duration: 9.0 hours (± 30 min.)
- Base rotatable 180°
- Dimensions (L x W x H): 225 x 200 x 70 mm
- IP65 and IK07 protection

Optional accessories (not included):

- Tripod: 11013040

Part no. 11011199

Tripod without spotlight



Battery-powered LED spotlight BEX 3000

BLACK EDITION

- Battery-powered LED spotlight with 72 SMD LEDs (6500 K)
- 7.4 V 4400 mAh Li-ion battery with battery level and charge indicator
- 3 adjustable light levels
 - High-power mode: 2800 lm ($\pm 10\%$) / lighting duration: 1.5 hours (± 15 min.)
 - Normal mode: 1500 lm ($\pm 10\%$) / lighting duration: 3.3 hours (± 30 min.)
 - ECO mode: 750 lm ($\pm 5\%$) / lighting duration: 5.5 hours (± 30 min.)
- Base rotatable 360°
- Dimensions (L x W x H): 223 x 223 x 309 mm
- Power bank output: max. 5 V / 2 A
- IP65 and IK07 protection

Part no. 11013997



Battery-powered LED lamp BEX 700

BLACK EDITION

- Main work light with dimmable high-performance COB LED 70-700 lm
- Additional spotlight (120 lm) for precise illumination
- Flexible as it can be rotated 180° horizontally and vertically
- With magnetic base and fold-out hook
- Rubber-coated housing
- Li-ion battery 3.7 V/2600 mAh with charge level indicator
- Lighting duration: up to 16 hours
- Charging time: approx. 4 hours
- Including USB charging cable
- IP54 and IK07 protection

Part no. 7304500



Battery-powered LED work light BE 3-in-1

- Main work light on the front with high-performance COB LED 200/100 lm
- Main work light on the back with high-performance COB LED 180 lm
- Additional spotlight (80 lm SMD LED) for precise illumination
- Ultra slim design (6 mm) and with 180° vertical adjustment option
- With magnetic base
- Li-ion battery 3.7 V/700 mAh
- Lighting duration: up to 3.5 hours
- Charging time: approx. 2.5 hours
- Including USB charging cable
- IP54 and IK07 protection

Part no. 7304502



BLACK EDITION

Battery-powered LED pen light BEX 300

BLACK EDITION

- Spotlight with high-performance SMD LED 200 lm
- Two-stage side work light with high-performance COB LED 100/300 lm
- Metal housing with magnetic base
- Li-ion battery 3.7 V/750 mAh with charge indicator
- Lighting duration: up to 5 hours
- Charging time: approx. 2.5 hours
- Including USB charging cable
- IP20 and IK07 protection

Part no. 11659129



Battery-powered LED headlamp BE 150

BLACK EDITION

- High-performance COB LED with 2 light intensities (200 lm/100 lm)
- Control via motion sensor
- Adjustable headband with high level of comfort
- Headlamp can be tilted up to 40°
- Li-polymer battery 3.7 V 600 mAh
- Lighting duration: up to 4 hours
- Charging time: approx. 2.5 hours
- Including USB-C charging cable
- IP65 and IK07 protection

Part no. 12100852



Multifunction LED work light BE 400

BLACK EDITION

- Main work light with high-performance COB LED 400 lm
- Additional spotlight (120 lm SMD LED) for precise illumination
- With 180° adjustable handle with magnet in the base
- Rubber-coated housing
- Two fold-out hooks for fixing in any position
- Li-ion battery 3.7 V / 2600 mAh
- Lighting duration: up to 10 hours
- Charging time: approx. 4 hours
- Including USB charging cable
- IP54 and IK07 protection

Part no. 7304510



Multifunction LED work light BE 300

BLACK EDITION

- Main work light with high-performance SMD LEDs 300/100 lm
- 2 adjustable light levels
 - High-power mode: 300 lm (±5%) / lighting duration: 3.0 hours (±20 min.)
 - ECO mode: 100 lm (±5%) / lighting duration: 8.0 hours (±1.0 hour)
- Base with 360° vertical rotation and magnet
- Li-ion battery 3.7 V / 1500 mAh
- Including USB charging cable
- IP65 and IK07 protection

Part no. 11011198



1/2" mini air impact wrench

BLACK EDITION

- Jumbo hammer striking mechanism
- Convenient one-handed operation for switching between forwards and reverse
- Compact size - just 112 mm, easy to use in confined spaces
- Energy-efficient motor for maximum performance and a long service life
- 2-stage power switch, easy to adjust
- Housing material: aluminium
- Torque range: 678 Nm
 - Forwards: 610 Nm
 - Reverse: 678 Nm
- Exhaust air guide downwards through the handle
- Recommended air pressure: 6.2 bar (90 psi)
- Air consumption: 135.9 l/min.
- Impacts per minute: 1500 impacts/min.
- Free speed: 1000 rpm
- Free sound level: 96 dBA
- Vibration acceleration: 12 m/s²
- Standard screw size: 16 mm
- Min. hose size: 10 mm
- Dimensions: 115 x 58.6 x 196.6 mm
- Weight: 1.4 kg

Part no. 7306510



1/2" air impact wrench

BLACK EDITION

- The TWIN HAMMER mechanism provides more power and even impacts
- Convenient one-handed operation for switching between forwards and reverse
- Ergonomic housing design
- Spring release for precise speed control
- The handle exhaust directs the air away from the workpiece and the operator
- Energy-efficient motor for maximum performance and a long service life
- 3-stage forward switch
- Housing material: composite material
- Torque range: 1055 Nm
 - Forwards: 645 Nm (475 ft-lb)
 - Reverse: 733 Nm (541 ft-lb)
- Exhaust air guide downwards through the handle
- Recommended air pressure: 6.2 bar (90 psi)
- Air consumption: 136 l/min.
- Impacts per minute: 1100 impacts/min.
- Free speed: 7000 rpm
- Sound pressure level at free speed: 88.2 dBA
- Vibration acceleration: 4.8 m/s²
- Standard screw size: 16 mm
- Min. hose diameter: 10 mm
- Dimensions: 184 x 68 x 205.1 mm
- Weight: 1.8 kg

Part no. 7306515



3/4" air impact wrench

BLACK EDITION

- The TWIN HAMMER mechanism provides more power and even impacts
- Convenient one-handed operation for switching between forwards and reverse
- Ergonomic housing design
- Spring release for precise speed control
- The handle exhaust directs the air away from the workpiece and the operator
- Energy-efficient motor for maximum performance and a long service life
- 3-stage forward switch
- Housing material: composite material
- Torque range:
 - Forwards: 875 Nm (645 ft-lb)
 - Reverse: 963 Nm (710 ft-lb)
- Exhaust air guide downwards through the handle
- Recommended air pressure: 6.2 bar (90 psi)
- Impacts per minute: 1100 impacts/min.
- Air consumption: 136 l/min.
- Free speed: 6400 rpm
- Min. hose diameter: 10 mm (3/8")
- Dimensions: 190.5 x 68 x 205.1 mm
- Weight: 1.89 kg

Part no. 12545273



Premium compressed air hose

BLACK EDITION

- Connection: 1/4" (6.3 mm)
- 1/4" quick coupling NW7.2 plug made of brass
- Hose material: fabric-reinforced PU
- Lightweight, flexible and environmentally friendly material
- Inner Ø: 9 mm
- Outer Ø: 14 mm
- Burst pressure: max. 63 bar



Part no.	Length (m)	PP
7306545	10	1
7306546	20	1

Automatic compressed air hose reel

BLACK EDITION

HeavyDuty

- Working hose: 20 m
- Connection hose: 2 m
- Material: flexible hybrid polymer hose
- Inner diameter: 9.5 mm (3/8")
- With Euro quick coupling
- Working pressure: 10 bar
- With automatic slowed return
- With lock to prevent unwanted return
- With metal bracket for easy installation
- Can be pivoted 180°
- Temperature-resistant: -20°C to +45°C

Part no. 18438372



Automatic compressed air hose reel

BLACK EDITION

- Working hose: 20 m
- Connection hose: 2 m
- Material: flexible hybrid polymer hose
- Inner diameter: 9.5 mm (3/8")
- With Euro quick coupling
- Working pressure: 10 bar
- With automatic slowed return
- With lock to prevent unwanted return
- With metal bracket for easy installation
- Can be pivoted 180°
- Temperature-resistant: -20°C to +45°C

Part no. 11672225



Automatic cable reel

BLACK EDITION

- Cable length 15 m + 1.5 m supply cable
- Socket and plug: IP20 Euro type
- Cable: H07RN- 3Gx1.5 mm²
- Operating voltage: 230 V
- Frequency range: 50 Hz
- Maximum power rating: 1500 W (wound up) / 3200 W (unwound)
- With automatic slowed return
- With lock to prevent unwanted return
- With metal bracket for easy installation
- Can be pivoted 180°
- Temperature-resistant: -5°C to +45°C

Part no. 11052797



Cordless drill set

Including 2x 18V 4.0Ah lithium-ion battery and 1x battery charger

- Powerful and robust cordless drill
- Brushless motor for greater endurance, a longer service life and a more compact design
- High-quality and robust aluminium gearbox housing
- Ergonomically shaped handle offering a high level of comfort
- LED light for precise and safe work
- Battery capacity display on the device
- Gearbox with spindle lock
- 20 + 1 torque levels

Technical data:

- 18V 4.0Ah lithium-ion
- 13 mm metal keyless chuck
- Max. torque: 32 Nm
- Speed: 0 - 370 / 1570 rpm
- Dimensions L x W x H: 184 x 76 x 235 mm
- Weight: 1.7 kg (including battery)
- Drill bit diameter:
 - Drilling in steel: 13 mm
 - Drilling in wood: 36 mm

Included in delivery:

- 1x 18V cordless drill
- 2x 18V 4.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 7306010



BLACK EDITION

Cordless angle grinder

Including 2x 18V 4.0Ah lithium-ion battery and 1x battery charger

- Powerful and handy cordless angle grinder
- Brushless motor for greater endurance, a longer service life and a more compact design
- Max. grinding disc Ø 125 mm
- Ergonomically shaped handle offering a high level of comfort
- Battery capacity display on the device
- Smooth motor start-up for a high level of comfort when working
- With safety release lever
- Including side handle for safe two-handed work

Technical data:

- 18V 4.0Ah lithium-ion
- Spindle thread: M16 (5/8")
- Hole: 22.23 mm
- Speed: 6200 rpm
- Dimensions L x W x H: 362 x 142 x 132 mm
- Weight: 2.43 kg (including battery)

Included in delivery:

- 1x 18V cordless angle grinder, 125 mm
- 2x 18V 4.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 7306020



BLACK EDITION

Cordless impact wrench

Including 2x 18V 4.0Ah lithium-ion battery and 1x battery charger

- Powerful and robust 3/4" cordless impact wrench with a maximum torque of 1100 Nm
- Max. loosening torque: 1400 Nm
- Brushless motor for greater endurance, a longer service life and a more compact design
- Solid metal housing
- LED light for precise and safe work
- Ergonomically shaped handle offering a high level of comfort
- Battery capacity display on the device

Technical data:

- 18V 4.0Ah lithium-ion
- Speed: 1500 rpm
- Max. fixed torque: 1100 Nm
- Max. loosening torque: 1400 Nm
- Impact rate: 1950 impacts/min.
- Tool attachment: 3/4" external square
- Dimensions L x W x H: 237 x 79 x 294 mm
- Weight: 3.82 kg (including battery)

Included in delivery:

- 1x 18V 3/4" cordless impact wrench
- 2x 18V 4.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 7306035



BLACK EDITION

1/2" cordless impact wrench

Including 1x 18V 5.0Ah lithium-ion battery and 1x battery charger

- Powerful 1/2" cordless impact wrench with a maximum torque of 700 Nm
- Compact and lightweight design weighing just 2.5 kg for comfortable work
- 3 torque levels for optimal work - 200 / 350 / max. 700 Nm
- Brushless motor for greater endurance and a longer service life
- Solid metal housing
- 4 powerful LEDs on the head of the impact wrench for optimum illumination of the work area
- Ergonomically shaped handle offering a high level of comfort
- Battery capacity indicator on the device

Technical data:

- 18V 5.0Ah lithium-ion
- Idling speed:
 - Level 1: 1380 rpm
 - Level 2: 1750 rpm
 - Level 3: 0~1850 rpm
- Max. fixed torque:
 - Level 1: 200 Nm
 - Level 2: 350 Nm
 - Level 3: 700 Nm
- Max. loosening torque: 840 Nm
- Impact rate: 2600 impacts/min.

- Tool attachment: 1/2" external square
- Dimensions L x W x H: 183 x 76 x 266 mm
- Weight: 2.5 kg (including battery)

Included in delivery:

- 1x 18V 1/2" cordless impact wrench
- 1x 18V 5.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 12271605



BLACK EDITION

Cordless grease gun set

Including 1x 18V 4.0Ah lithium-ion battery and 1x battery charger

- Powerful and robust cordless grease gun
- More compact design and ergonomically shaped handle offering a high level of comfort
- Battery capacity display on the device
- Ventilation by means of a ventilation valve
- Anti-kink springs on the hose increase the service life
- Suitable for 400 g cartridges and bulk grease
- Delivery rate adjustable in 2 steps
- Suitable for all NLGI consistency class 2 greases

Technical data:

- 18V 4.0Ah lithium-ion
- Maximum pressure: 685 bar / 10,000 psi
- Delivery rate:
Level 1 - 125 g/min. (+/- 10 g)
Level 2 - 290 g/min. (+/- 30 g)
- Dimensions L x W x H: 400 x 90 x 227 mm
- Weight: 4.7 kg (including battery)

Included in delivery:

- 1x 18V cordless grease gun
- 1x 18V 4.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 11034443

BLACK EDITION



Cordless riveting tool set

Including 1x 18V 4.0Ah lithium-ion battery and 1x battery charger

- Compact and powerful cordless riveting tool
- Brushless motor for greater endurance, a longer service life and a more compact design
- High-quality and robust aluminium gearbox housing
- Ergonomically shaped handle offering a high level of comfort
- LED light for precise and safe work
- Battery capacity display on the device
- For processing blind rivets Ø 2.4, 3.2, 4.0, 4.8 and 5 mm
- Suitable for blind rivets made of aluminium, steel, stainless steel

Technical data:

- 18V 4.0Ah lithium-ion
- Processing range: blind rivet Ø 2.4, 3.2, 4.0, 4.8 and 5 mm
- Material: suitable for aluminium, steel, stainless steel
- Working stroke: 25 mm
- Tensile force: 19,600 N
- Dimensions L x W x H: 290 x 298 x 80 mm
- Weight: 2.43 kg (including battery)

Included in delivery:

- 1x 18V cordless riveting tool
- 1x 18V 4.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 7306040

BLACK EDITION



Cordless polisher set

Including 1x 18V 4.0Ah lithium-ion battery and 1x battery charger

- Powerful and robust cordless polisher
- Excellent polishing performance thanks to rotating and oscillating movement
- Brushless motor for greater endurance, a longer service life and a more compact design
- High-quality, robust aluminium gearbox housing
- Ergonomically shaped handle offering a high level of comfort
- LED light for precise and safe work
- Battery capacity display on the device

Technical data:

- 18V 4.0Ah lithium-ion
- Speed: 1300 - 3800 rpm
- Polishing disc diameter: 125 mm (5")
- Dimensions L x W x H: 376 x 240 x 153 mm
- Weight: 2.30 kg

Included in delivery:

- 1x 18V cordless polisher
- 1x 18V 4.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 7306041

BLACK EDITION

18V
PROFESSIONAL
SYSTEM



Thread cutting tool set

- Tools in sturdy GRANIT BLACK EDITION metal case
- Manufactured according to DIN standard

Contents:

- 3x each tap M3 x 0.5, M4 x 0.7, M5 x 0.8, M6 x 1.0, M8 x 1.25, M10 x 1.5, M12 x 1.75, M14 x 2.0, M16 x 2.0, M18 x 2.5, M20 x 2.5 mm
- 1x each die M3 x 0.5, M4 x 0.7, M5 x 0.8, M6 x 1.0, M8 x 1.25, M10 x 1.5, M12 x 1.75, M14 x 2.0, M16 x 2.0, M18 x 2.5, M20 x 2.5 mm
- 1x adjustable tap wrench, die-cast zinc no. 1, no. 3
- 1x each die holder 20 x 5, 20 x 7, 25 x 9, 30 x 11, 38 x 14, 45 x 18 mm
- 1x each tool holder with ratchet no. 1, no. 2
- 1x screwdriver
- 1x thread gauge

Part no. 7307000



BLACK EDITION

Cutting discs, steel/stainless steel

Advantages:

- Low burr formation
- Few flying sparks
- High cutting speed
- Long service life
- Cool cut
- Low odour

For the following materials:

- Acid-resistant steels
- High-strength steels
- Hardened steels
- Hardox
- High-strength sheets
- Plastic-coated sheets

All cutting discs for stainless steel are iron- and sulphur-free. Do NOT switch between mild steel and stainless steel when machining workpieces.



Part no.	Type/form	Ø (mm)	Thickness (mm)	Hole (mm)	PP
775F80-11510	Straight	115	1	22.2	25
775F80-11516	Straight	115	1.5	22.2	25
77599135	Straight	125	1	22.2	10
775F80-12510	Straight	125	1	22.2	25
775F80-12516	Straight	125	1.5	22.2	25
775F80-23020	Cranked	230	1.9	22.2	25

Cutting discs EXACT

Even less burr formation, even lower thermal stress, and therefore less blue colouration. The GRANIT EXACT also impresses with its excellent running smoothness. This thin disc (measuring just 0.6 mm) is capable of cutting even extremely hard materials such as spring steels, stainless steel sheets, etc.

Specially adapted for use on stainless steel (VA steel, inox), steel (black steel, structural steel, carbon steel) and cast steel.

All cutting discs for stainless steel are iron- and sulphur-free. Do NOT switch between mild steel and stainless steel when machining workpieces.

Type/form: cranked

Ø (mm): 125

Thickness (mm): 0.6

Hole (mm): 22.23

Part no. 77599150

Contents: 25 pcs.



Freehand cutting discs, steel

Advantages:

- High cutting speed
- Easy cutting
- Comfortable cutting

For the following materials:

- Steel (black steel also called structural steel, St37, S235JR, 1.0037 or carbon steel)
- Cast steel



Part no.	Type/form	Ø (mm)	Thickness (mm)	Hole (mm)	PP
775F1-115	Cranked	115	3	22.2	25
775F1-125	Cranked	125	3	22.2	25
775F1-230	Straight	230	3	22.2	25

Cutting discs MULTI

The GRANIT MULTI impresses with its aggressive cut. Precise work in thin-walled material is no problem. The disc is characterised by low sparking and excellent running smoothness.

It is also possible to cut concrete products and natural stones.

Specially adapted for use on stainless steel (VA steel, inox), steel (black steel, structural steel, carbon steel) and cast steel, cast iron and titanium. Also for concrete products, screed, sand-lime brick, natural stone, marble, plus aluminium and other non-ferrous metals such as copper, brass, bronze, etc.

All cutting discs for stainless steel are iron- and sulphur-free. Do NOT switch between mild steel and stainless steel when machining workpieces.

Type/form: straight

Ø (mm): 125

Thickness (mm): 1.0

Hole (mm): 22.23

Part no. 77599155

Contents: 25 pcs.



Grinding discs

Grinding discs with a particularly long service life. For high material removal and cutting performance, as well as a long service life.

Advantages of the special top layer:

- Virtually no edge chipping
- Smooth, low-vibration running
- Even wear

For the following materials:

- High-strength/high-alloy steels
- Structural steels
- Tool steels
- Hardened steels
- Hardox

Areas of application:

- Weld seam preparation
- Deburring
- Levelling
- Corner and edge grinding
- Levelling weld seams



Part no.	Type/form	Ø (mm)	Thickness (mm)	Hole (mm)	PP
775X3-1156	Cranked	115	7	22.2	10
775X3-1256	Cranked	125	7	22.2	10
775X3-2308	Cranked	230	7	22.2	10

HSS twist drill bit sets, rolled, short

- Right-hand cut, 118° tip angle
- In plastic box



Part no.	Version	Contents	PP
76010R019	19 pcs.	Drill bit Ø 1 - 10 x 0.5 mm	1
76010R025	25 pcs.	Drill bit Ø 1 - 13 x 0.5 mm	1

Flap discs

All-round flap discs with zirconium corundum band for processing steel and stainless steel.

For the following materials:

- Stainless and acid-resistant steels
- High-strength/high-alloy steels
- Hardox
- Tool steels
- Hardened steels

Flap discs are only suitable for processing aluminium under certain conditions. However, there is a little trick that will help you to achieve good results: silicone-free release spray or abrasive grease prevents premature clogging of the abrasive flap discs.



Part no.	Type/form	Ø (mm)	Hole (mm)	Grit	PP
77500001	Angled	115	22.2	40	10
77500003	Angled	115	22.2	60	10
77500004	Angled	115	22.2	80	10
77500005	Angled	125	22.2	40	10
77500006	Angled	125	22.2	60	10
77500007	Angled	125	22.2	80	10

HSS-CO twist drill bit sets

- Cylindrical, right-hand cut
- HSSE (Co=Cobalt)
- In plastic box



Part no.	Version	Contents	PP
76015R019	19 pcs.	Drill bit Ø 1 - 10 x 0.5 mm	1
76015R025	25 pcs.	Drill bit Ø 1 - 13 x 0.5 mm	1

Countersink set

- 6 pcs.
- In plastic box
- DIN 335 Form C
- With cylindrical shaft
- HSS
- Right-hand cut
- 90° angle
- Three cutting edges

Contents:

1x each Ø 6.3/8.3/10.4/12.4/16.5 and 20.5 mm

Part no. 76005529



Step drill bit set

- In plastic box
- 3 pcs.
- With shaft

Contents:

1x each Ø 4-12, 4-20, 6-30 mm

Part no. 76070R003



Bit box 32 pcs.

- In sturdy GRANIT BLACK EDITION plastic box with ordering system and belt holder
- For manual operation and electric tools
- S2 steel bits with coloured marking
- Including quick-change bit holder

Contents:

- 1x each PH: 1/2/3/4
- 1x each PZ: 1/2/3/4
- 1x each SL: 3/4/5.5/6.5 mm
- 1x each hexagon socket: 2/2.5/3/4/5/6 mm
- 1x each TX hole: TB10/TB15/TB20/TB25/TB30/TB40
- 1x each TX: T10/T15/T20/T25/T30/T40
- 1x adaptor
- 1x quick-change bit holder, 60 mm

Part no. 7301217



BLACK EDITION

Bit box 57 pcs.

- In sturdy GRANIT BLACK EDITION plastic box with ordering system and belt holder
- For manual operation and electric tools
- S2 steel bits with coloured marking
- Including quick-change bit holder

Contents:

1/4" 25 mm:

- 3x each PH: 1/2/3
- 3x each PZ: 1/2/3
- 2x each SL: 4/5 mm
- 1x each SL: 6.5/8 mm
- 1x each hexagon socket: 4/5/6 mm
- 2x each TB: TB10/TB15/TB20/TB25/TB27/TB30/TB40
- 1x each TX: TX10/TX20/T25/T27/T30
- 2x TX: TX15

1/4" 75 mm:

- 1x each PH: 1/2
- 1x each PZ: 1/2
- 1x SL: 6.5 mm
- 1x each TB: TB15/TB20
- 1x adaptor
- 1x quick-change bit holder, 60 mm

Part no. 7301218

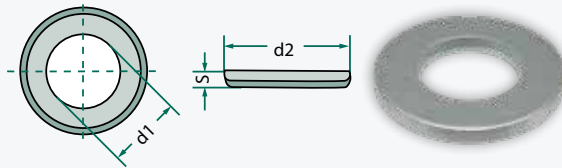


BLACK EDITION



Washers

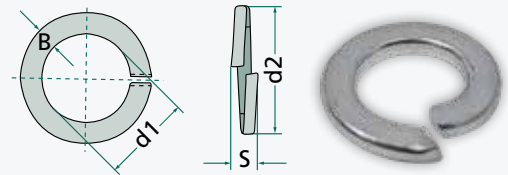
DIN: 125
Material: steel



Part no.	d1 (mm)	d2 (mm)	Thickness (mm)	PP
487125001WR	5.3	10	1	100
487125002WR	6.4	12	1.6	100
487125003WR	8.4	16	1.6	100
487125004WR	10.5	20	2	100
487125005WR	13	24	2.5	100
487125006WR	15	28	2.5	100
487125007WR	17	30	3	50
487125008WR	19	34	3	50
487125009WR	21	37	3	50

Spring lock washers

DIN: 127
Material: steel



Part no.	d1 (mm)	d2 (mm)	Thickness (mm)	PP
487127002WR	6.1	11.8	1.6	100
487127003WR	7.1	12.8	3.6	100
487127004WR	8.1	14.8	2	100
487127005WR	10.2	18.1	2.2	100
487127006WR	12.2	21.1	2.5	100
487127007WR	14.2	24.1	6.8	100
487127008WR	16.2	27.4	7.8	50
487127009WR	18.2	29.4	7.8	50
487127010WR	20.2	33.6	8.8	25

Mudguard washers

DIN: 9021
Material: steel

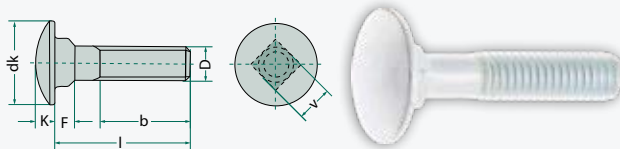


Part no.	d1 (mm)	d2 (mm)	Thickness (mm)	PP
4879021009WR	4.3	12	1	500
4879021011WR	5.3	15	1.2	250
4879021013WR	6.4	18	1.6	250
4879021015WR	8.4	24	2	100
4879021017WR	10.5	30	2.5	100
4879021019WR	13	37	3	100
4879021020WR	15	44	3	100
4879021022WR	17	50	3	100
4879021023WR	20	56	4	50



Mushroom head bolts (carriage bolts)

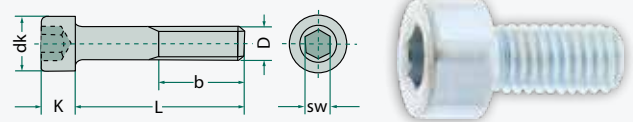
DIN: 603
Material: steel



Part no.	Ø D (mm)	Length (mm)	Strength	PP
487603070WR	6	30	4.6	100
487603074WR	6	40	4.6	50
487603076WR	6	50	4.6	50
487603091WR	8	30	4.6	50
487603095WR	8	40	4.6	50
487603099WR	8	50	4.6	50
487603127WR	10	40	8.8	50
487603135WR	10	60	8.8	50
487603139WR	10	80	8.8	50
487603154WR	12	40	8.8	50
487603158WR	12	60	8.8	50
487603162WR	12	80	8.8	25

Cylinder head bolts with hexagon socket

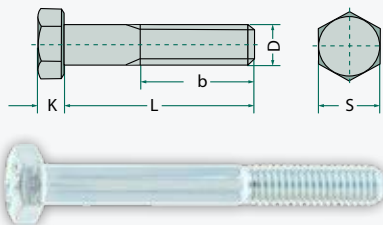
DIN: 912
ISO: 4762
Material: steel



Part no.	Ø D (mm)	Length (mm)	Strength	PP
487912002WR	5	10	8.8	100
487912003WR	5	16	8.8	100
487912006WR	5	30	8.8	100
487912012WR	6	16	8.8	100
487912013WR	6	20	8.8	100
487912014WR	6	25	8.8	100
487912015WR	6	30	8.8	100
487912017WR	6	40	8.8	100
487912025WR	8	20	8.8	100
487912026WR	8	25	8.8	100
487912027WR	8	30	8.8	100
487912045WR	10	30	8.8	50
487912046WR	10	35	8.8	50
487912047WR	10	40	8.8	50

Hexagon head bolts

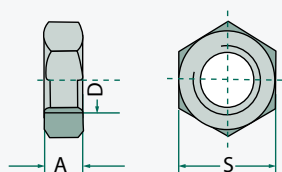
DIN: 931
ISO: 4014
Material: steel



Part no.	Ø D (mm)	Length (mm)	Strength	PP
487931209WR	6	50	8.8	100
487931219WR	8	50	8.8	100
487931221WR	8	60	8.8	100
487931239WR	10	50	8.8	50
487931051WR	10	60	8.8	50
487931241WR	10	80	8.8	50
487931254WR	12	50	8.8	50
487931256WR	12	60	8.8	50
487931260WR	12	80	8.8	25
487931082WR	12	100	8.8	25
487931288WR	16	60	8.8	25
487931291WR	16	80	8.8	10
487931294WR	16	100	8.8	10
487931296WR	16	120	8.8	10
487931307WR	18	80	8.8	10
487931309WR	18	100	8.8	10
487931311WR	18	120	8.8	10
487931312WR	18	140	8.8	10
487931318	20	80	8.8	10
487931321	20	100	8.8	10
487931322	20	120	8.8	10
487931324	20	140	8.8	10

Hexagon nuts

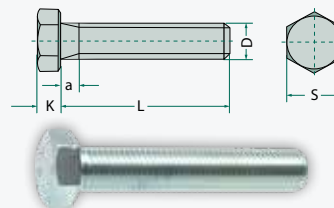
DIN: 934
ISO: 4032
Material: steel



Part no.	Ø D (mm)	Strength	Thread pitch (mm)	PP
487934012WR	6	8.8	1	100
487934016WR	8	8.8	1.25	100
487934021WR	10	8.8	1.5	100
487934027WR	12	8.8	1.75	100
487934033WR	14	8.8	2	100
487934038WR	16	8.8	2	50
487934079WR	18	8.8	2.5	50
487934080WR	20	8.8	2.5	25

Hexagon head bolts

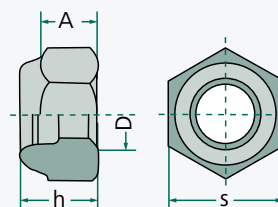
DIN: 933
ISO: 4017
Material: steel



Part no.	Ø D (mm)	Length (mm)	Strength	PP
487933006WR	6	10	8.8	100
487933011WR	6	20	8.8	100
487933124WR	6	30	8.8	100
487933123WR	6	25	8.8	100
487933126WR	6	40	8.8	100
487933022WR	8	20	8.8	100
487933026WR	8	30	8.8	100
487933135WR	8	40	8.8	100
487933024WR	8	25	8.8	100
487933042WR	10	25	8.8	100
487933044WR	10	30	8.8	100
487933147WR	10	40	8.8	50
487933054WR	12	30	8.8	50
487933060WR	12	40	8.8	50
487933175WR	14	30	8.8	50
487933177WR	14	40	8.8	50
487933179	14	50	8.8	25
487933180	14	60	8.8	25
487933184	14	80	8.8	25
487933186	14	100	8.8	25
487933192WR	16	40	8.8	25
487933194WR	16	50	8.8	25
487933209	18	50	8.8	25
487933211	18	60	8.8	10
487933220	20	50	8.8	10
487933221	20	60	8.8	10

Hexagon nuts with clamping part M6x1

DIN: 985
ISO: 10511
Material: steel



Part no.	Ø D (mm)	Strength	Thread pitch (mm)	PP
487985002WR	6	8.8	1	100
487985038WR	8	8.8	1.25	100
487985006WR	10	8.8	1.5	100
487985010WR	12	8.8	1.75	100
487985039WR	14	8.8	2	50
487985040WR	16	8.8	2	50
487985041WR	18	8.8	2.5	25
487985042WR	20	8.8	2.5	25

Cable connector assortment

BLACK EDITION

Description:

- 520 pcs., sorted
- Cable connectors, insulated (red)
 - Blade terminal bush: 2.8 x 0.8 to 6.3 x 0.8 mm
 - Blade terminal bush, fully insulated: 6.3 x 0.8 mm
 - Blade terminal: 2.8 x 0.8 to 6.3 x 0.8 mm
- Cable connectors, insulated (blue)
 - Blade terminal bush: 6.3 x 0.8 mm
 - Blade terminal bush, fully insulated: 6.3 x 0.8 mm
 - Blade terminal: 6.3 x 0.8 mm
- Cable connectors, insulated (yellow)
 - Blade terminal bush: 6.3 x 0.8 mm
 - Blade terminal: 6.3 x 0.8 mm
- Case: 330 x 230 x 50 mm

Part no. 487SET01



Assortment case, hose clamps

BLACK EDITION

Description:

- 150 pcs., sorted
- Band and housing made of stainless steel A2, with galvanised grub screw, hexagon slotted
- Dimensions: 8 - 12 to 32 - 50 mm
- Case: 330 x 230 x 50 mm

Contents:

- 50 x d1 8 mm / d2 12 mm
- 30 x d1 10 mm / d2 16 mm
- 20 x d1 12 mm / d2 20 mm
- 20 x d1 16 mm / d2 25 mm
- 10 x d1 20 mm / d2 32 mm
- 10 x d1 25 mm / d2 40 mm
- 10 x d1 32 mm / d2 50 mm

Part no. 487SET34



Heat shrink connector assortment

BLACK EDITION

Description:

- 200 pcs., sorted
- Heat shrink connectors
 - Butt connectors: red, blue and yellow
- Heat shrink solder connectors
 - Transparent: 0.25 - 0.50 mm
 - Red: 0.50 - 1.00 mm
 - Blue: 1.50 - 2.50 mm
 - Yellow: 4.00 - 6.00 mm
- Case: 330 x 230 x 50 mm

Part no. 487SET06



Assortment case, R-clips

BLACK EDITION

Description:

- 70 pcs., sorted
- R-clips, single and double, galvanised (similar to DIN)
- Dimensions: single: 3 x 60 to 5 x 85, double: 2 x 50 to 5 x 85
- Case: 330 x 230 x 50 mm

DIN: 11024

Part no. 487SET40



Circlip assortment (external)

BLACK EDITION

Description:

- DIN 471, blank
- 180 pcs., sorted
- Dimensions: 8 x 0.8 to 34 x 1.5 mm
- Case: 330 x 230 x 50 mm

DIN: 471

Part no. 487SET36



Circlip assortment (internal)

BLACK EDITION

Description:

- Blank
- 180 pcs., sorted
- Dimensions: 15 x 1 to 38 x 1.5 mm
- Case: 330 x 230 x 50 mm

DIN: 472

Part no. 487SET35



Sealing ring assortment

BLACK EDITION

Description:

- DIN 7603 A, solid copper
- 390 pcs., sorted
- Dimensions: 6 x 10 x 1 to 28 x 34 x 2 mm
- Case: 330 x 230 x 50 mm

Part no. 487SET11



O-ring assortment

BLACK EDITION

Description:

- 700 pcs., sorted
- Material: nitrile rubber (NBR) 70, oil-resistant
- Dimensions: 3 x 2 to 24 x 3 mm
- Case: 330 x 230 x 50 mm

Part no. 487SET12



O-ring assortment

BLACK EDITION

Description:

- 140 pcs., sorted
- Material: nitrile rubber (NBR) 70, oil-resistant
- Dimensions: 25 x 3 to 42 x 3 mm
- Case: 330 x 230 x 50 mm

Part no. 487SET13



Threaded bolt assortment

BLACK EDITION

Description:

- 756 pcs., sorted
- Cylinder head bolts 4.8 with slot DIN EN ISO 1207 (galvanised)
3.0 x 10.0 to 5.0 x 50.0 mm
- Hexagon nuts class 8 (galvanised) M3 - M5
- Washers form A (galvanised) 3.2 to 5.3 mm
- Case: 330 x 230 x 50 mm

DIN: 84, 934, 125

Part no. 487SET09



Grease nipple assortment

BLACK EDITION

Description:

- 215 pcs., sorted
- M6 - M10 grease nipples with thread,
tapered nipples H 1 / H 2 / H 3 (galvanised) form 1 / 2 / 3t
- M6 - M10 tapered grease nipples with drive-in pin H1 (galvanised)
- Case: 330 x 230 x 50 mm

Contents:

Tapered grease nipples with drive-in pin:

- 25x d 6 mm
- 20x d 8 mm
- 20x d 10 mm

Grease nipples with thread, tapered nipples H 1 / H 2 / H 3:

- 15x d 6 mm / pitch 1 mm / H 1
- 20x d 8 mm / pitch 1 mm / H 1
- 20x d 10 mm / pitch 1 mm / H 1
- 15x d 6 mm / pitch 1 mm / H 2
- 20x d 8 mm / pitch 1 mm / H 2
- 15x d 10 mm / pitch 1 mm / H 2
- 15x d 6 mm / pitch 1 mm / H 3
- 15x d 8 mm / pitch 1 mm / H 3
- 15x d 10 mm / pitch 1 mm / H 3

Part no. 487SET31



Split pin assortment

BLACK EDITION

1351 pcs.

Description:

- Dimensions: 1.6 x 32 to 6.3 x 50 mm
- Case: 330 x 230 x 50 mm

DIN: 94

Part no. 487SET14



Blind rivet assortment

550 pcs.

Technical data:

- 550 pcs., sorted
- Large head K16 4.8 x 12
- Large head K14 5.0 x 16
- Case: 330 x 230 x 50 mm
- Aluminium/steel standard 3.0 x 6 - 5.0 x 18

Part no. 11417121



BLACK EDITION

Drilling screw assortment DH-Drive

600 pcs.

DIN: 7504

Contents:

- 50x 3.5 x 13 mm
- 50x 3.5 x 16 mm
- 50x 3.5 x 19 mm
- 50x 3.9 x 13 mm
- 50x 3.9 x 16 mm
- 50x 3.9 x 19 mm
- 50x 4.2 x 13 mm
- 50x 4.2 x 16 mm
- 50x 4.2 x 19 mm
- 50x 4.2 x 25 mm
- 50x 4.8 x 19 mm
- 50x 4.8 x 25 mm

Part no. 12070822



BLACK EDITION

Assortment wall mount

4 compartments (empty, without metal boxes)

Description:

- For four GRANIT BLACK EDITION metal assortment cases
- Empty, without assortment case
- Suitable for wall mounting

Height (mm): 265

Width (mm): 340

Depth (mm): 240

Part no. 487000003



BLACK EDITION

Metal boxes complete with insert, not filled

- Sturdy, powder-coated GRANIT BLACK EDITION metal assortment case
- With easily accessible rounded plastic inserts
- With plastic handle for easy handling and transportation to work location
- With twist lock for secure locking and to prevent unwanted opening



BLACK EDITION

Part no.	Version	PP
487000005	8 compartments	1
487000007	12 compartments	1
487000008	18 compartments	1
487000010	24 compartments	1

Hexagon socket bolt assortment

53 pcs.

DIN: 912

Contents:

- 10x M6 x 30 mm
- 10x M6 x 40 mm
- 5x M8 x 16 mm
- 10x M8 x 30 mm
- 10x M8 x 40 mm
- 8x M10 x 35 mm

Part no. 20010040



Hexagon head bolt assortment

53 pcs.

DIN: 933

Contents:

- 15x M6 x 30 mm
- 10x M6 x 40 mm
- 10x M8 x 25 mm
- 6x M8 x 50 mm
- 8x M10 x 30 mm
- 4x M10 x 50 mm

Part no. 20010045



Hexagon nut assortment

77 pcs.

DIN: 934

Contents:

- 25x M6
- 16x M8
- 14x M10
- 12x M12
- 5x M14
- 5x M16

Part no. 20010050



Hexagon nut assortment with clamping part

260 pcs.

DIN: 985

Contents:

M6, M8, M10;
imperial UNF: 1/4", 5/16" and 3/8"

Part no. 50099011



Split pin assortment

Approx. 200 pcs.

DIN: 94

Contents:

- 40x 1.6 x 32 mm
- 40x 2.5 x 36 mm
- 40x 3.2 x 40 mm
- 40x 4.0 x 40 mm
- 30x 5.0 x 45 mm
- 10x 6.3 x 50 mm

Part no. 20010005



Circlip assortment

Lock washers for shafts



Part no.	Description	Contents	PP
50099001	1300 pcs.	2.5, 3, 4, 5, 6, 7, 8, 9 and 12 mm	1
50099002	300 pcs.	1/16", 1/8", 3/16", 1/22, 5/8", 3/4" and 7/8"	1

Roll pin assortment

DIN: 1481



Part no.	Description	Contents	PP
50099003	300 pcs.	2x20, 2x25, 3x20, 3x40, 4x20, 4x25, 4x40, 5x25, 5x40, 5x50, 6x25, 6x40, 6x50, 8x25, 8x40 and 8x50 mm	1
50099004	300 pcs.	3/32" x 3/4", 3/32" x 1", 1/8" x 3/4", 1/8" x 1 1/2", 5/32" x 3/4", 5/32" x 1", 5/32" x 1 1/2", 3/16" x 1 1/2", 3/16" x 2", 1/4" x 1 1/2", 1/4 x 2", 5/16" x 1", 5/16" x 1 1/2", 5/16" x 2"	1

Circlip assortment

Circlips for holes

DIN: 472



Part no.	Description	Contents	PP
50099005	625 pcs.	External: 8, 10, 11, 12, 14 and 15 mm Internal: 9, 10, 11, 12, 13, 14 and 15 mm	1
50099007	250 pcs.	Internal: 20, 22, 25, 30, 35, 38, 40 and 45 mm	1

External circlip assortment

250 pcs.

DIN: 471

Contents:

20, 22, 25, 30, 35, 38, 40 and 45 mm

Part no. 50099006



Hose clamp assortment

W2 version (stainless steel housing and band)

Contents:

18 pcs.
2x 8-16 mm
4x 12-20 mm
3x 16-25 mm
5x 20-32 mm
2x 25-40 mm
1x 32-50 mm
1x 40-60 mm

Part no. 20010070



Serrated lock washer assortment

200 pcs.

DIN: 6798-A

Contents:

- 60x M6
- 60x M8
- 40x M10
- 20x M12
- 10x M16

Part no. 20010085



Spring washer assortment

1200 pcs.

DIN: 127



Part no.	Contents	PP
50099008	5 mm, 6 mm, 8 mm, 10 mm	1
50099009	3/16", 1/4", 5/16", 3/8"	1

Washer assortment

Version:

1550 pcs.

DIN: 125

Contents:

- 5 mm
- 6 mm
- 8 mm
- 10 mm

Part no. 50099010



Copper ring assortment

Material: copper



Part no.	Version	Contents	PP
50099013	240 pcs., metric	6, 8, 10, 12, 14, 16, 18 and 20 mm	1
50099012	240 pcs., imperial, DIN: 7603	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16"	1

Tension spring assortment

125 pcs.

Contents:

- 1/4"x1 1/2"
- 3/16"x1 5/8"
- 1/4"x2 9/16"
- 5/16"x4"
- 3/8"x5 1/2"
- 3/8"x2 15/16"
- 3/8"x3 5/32"
- 1/2"x3 11/16"

Part no. 50099014



Tension and compression spring assortment

200 pcs.

Contents:

Tension springs:

- 5/32"x3 1/8"
- 11/32"x 1 27/32"
- 5/16"x1 1/8"
- 5/16"x1 1/4"
- 7/32"x1
- 3/16"x1 3/4"
- 13/64x13/16"
- 9/32"x1 1/2"
- 1/4"x7/8"
- 11/32"x17/16"
- 9/32"x2 1/16"

Part no. 50099016

Compression springs:

- 7/32"x1 1/2"
- 5/16"x1 3/4"
- 1/4"x13/32"
- 3/8"x3/4"
- 7/32"x11/16"
- 9/32"x1/2"
- 3/8"x5/8"
- 5/16"x1 3/4"
- 23/64"x1 3/8"



Compression spring assortment

120 pcs.

Contents:

- 1/4"x1 5/16"
- 1/4"x3"
- 5/16"x1 1/2"
- 5/16"x1 3/4"
- 5/16"x1 7/8"
- 3/8"x2 1/2"
- 9/16"x3 1/8"
- 9/16"x2 1/4"

Part no. 50099015



Glass fuse insert assortment

340 pcs.

Contents:

Glass fuses: 1A, 2A, 5A, 10A, 15A, 25A, 35A, 50A

Fuses: 5A, 8A, 16A, 25A

Part no. 50099022



ELECTRICS SERVICE

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- Conversion of starters
- Windings, rectifiers, stators, rotors and controllers

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Order forms can be found in the GRANIT webshop at www.granit-parts.co.uk



Thermometer IT119

The IT119 professional infrared thermometer can determine the surface temperature by measuring the infrared radiation emitted by the surface. It is designed to meet one of the highest protection classes, with IP65 and 3 m fall protection. With a fast response time of 250 ms.

- Automatic range selection
- Illuminated LCD display
- MAX / MIN / AVG / DIFF mode
- High / low temperature alarm
- Data hold
- Auto power off

Included in delivery:

- Battery 1x 9V block, 6LR61
- Operating instructions

Measuring range:

Temperature measuring range: $-35 \sim 850$

Resolution: 0.1°C

Distance to spot ratio: 20:01

Response time: 250 ms

Emissivity: $0.1 \sim 1$

Part no. 12366823

TRAXOR



Multimeter MM15

CAT II 250V, manual range selection

Handy digital multimeter for fast and simple measurements with advanced vehicle and system electronics functions.

- Manual range selection
- Illuminated LCD display
- Non-contact voltage test
- Industrial protective cover with test lead holder
- Audible signal
- Data hold
- Diode test
- Auto power off
- Fall protection 2 m

Included in delivery:

- Test leads
- Batteries, 2x 1.5 V AAA
- Operating instructions
- Fuses:
 - F1 = 200 mA / 250 V $\varnothing$ 5 x 20 mm
 - F2 = 10 A / 250 V $\varnothing$ 5 x 20 mm

Measuring range:

AC voltage (V) $250 \pm(1.2\%+3)$

DC voltage (V) $250 \pm(0.5\%+2)$

DC current (A) $10 \pm(1\%+2)$

Resistance (Ω) $200 \text{ M}\Omega \pm(0.8\%+2)$

Part no. 12366422

TRAXOR



Multimeter MM45X

CAT I 1000V, CAT III 600V, automatic range selection

Handy digital multimeter for fast and simple measurements with advanced vehicle and system electronics functions.

- True RMS
- Diode/continuity test
- Temperature
- Non-contact voltage
- Analogue bar/data storage
- Illuminated three-colour LCD display
- Auto/manual range
- Low battery indicator
- CE, UKCA

Included in delivery:

- Test leads
- Temperature measuring line
- Batteries, 3x 1.5V AAA
- Operating instructions
- Fuses: 10A/1000V $\varnothing$ 6.35 x 32 mm

Measuring range:

AC voltage (V) $1000 \pm(0.8\%+3)$

DC voltage (V) $1000 \pm(0.5\%+3)$

DC current (A) $10 \pm(0.8\%+3)$

Resistance (Ω) $100 \text{ M}\Omega \pm(0.8\%+2)$

Part no. 12403208

TRAXOR



Multimeter MM85X

CAT III 1000V, CAT IV 600V, automatic range selection

Handy digital multimeter for fast and simple measurements with advanced vehicle and system electronics functions.

- Automatic range selection
- Illuminated LCD display
- True RMS
- Analogue bar graph
- Non-contact voltage test
- Temperature measurement
- Continuity test
- Min. / max. function
- Relative mode
- Peak hold
- Data hold
- Diode test
- Auto power off
- USB interface

Included in delivery:

- Test leads, K-type
- Temperature measuring line
- USB cable
- Batteries, 4x 1.5V AAA
- Operating instructions
- Fuses:
F1 = 600 mA / 1000 V Ø 6 x 32 mm
(mA / μ A input terminal)
F2 = 11 A / 1000 V Ø 10 x 38 mm
(A input terminal)

Measuring range:

AC voltage (V) 1000 $\pm$ (1%+3)
DC voltage (V) 1000 $\pm$ (0.5%+3)
DC current (A) 20 $\pm$ (1%+2)
Resistance (Ω) 60 M Ω $\pm$ (1%+2)

Part no. 12366911

TRAXOR



Voltage tester SP19M

- LED display
- AC voltage detection
- High-/low-voltage mode
- Solenoid detection
- Magnetic field test
- Low battery indicator
- Tripod mount
- 2 m fall protection
- Certification: CE, UKCA, cETLus

Operating temperature ($^{\circ}$ C): 0 - 40

Frequency (Hz): 50 / 60

Voltage range (V): 24 - 1000

Additional information:

2x 1.5V, AAA batteries required, not included

Part no. 12406606

Clamp-on ammeter AM75X

The digital clamp-on ammeter boasts overload protection, reliability, safety and a high level of accuracy. The device can be used to measure high voltage frequency, temperature, AC/DC current, etc.

- Automatic range selection
- Max. clamp opening 28 mm
- Illuminated LCD display
- Non-contact voltage test
- Temperature measurement
- Continuity test
- Zero mode
- Relative mode
- Data hold
- Diode test
- Auto power off
- Fall protection 1 m

Included in delivery:

- Test leads
- Temperature measuring line
- Batteries, 2x 1.5 V AAA
- Bag
- Operating instructions

Measuring range:

AC voltage (V) 600 $\pm$ (0.8%+5)
DC voltage (V) 600 $\pm$ (0.5%+2)
AC current (A) 600 $\pm$ (2%+5)
DC current (A) 600 $\pm$ (2%+5)
Resistance (Ω) 60 M Ω $\pm$ (0.8%+2)

Part no. 12395484

TRAXOR



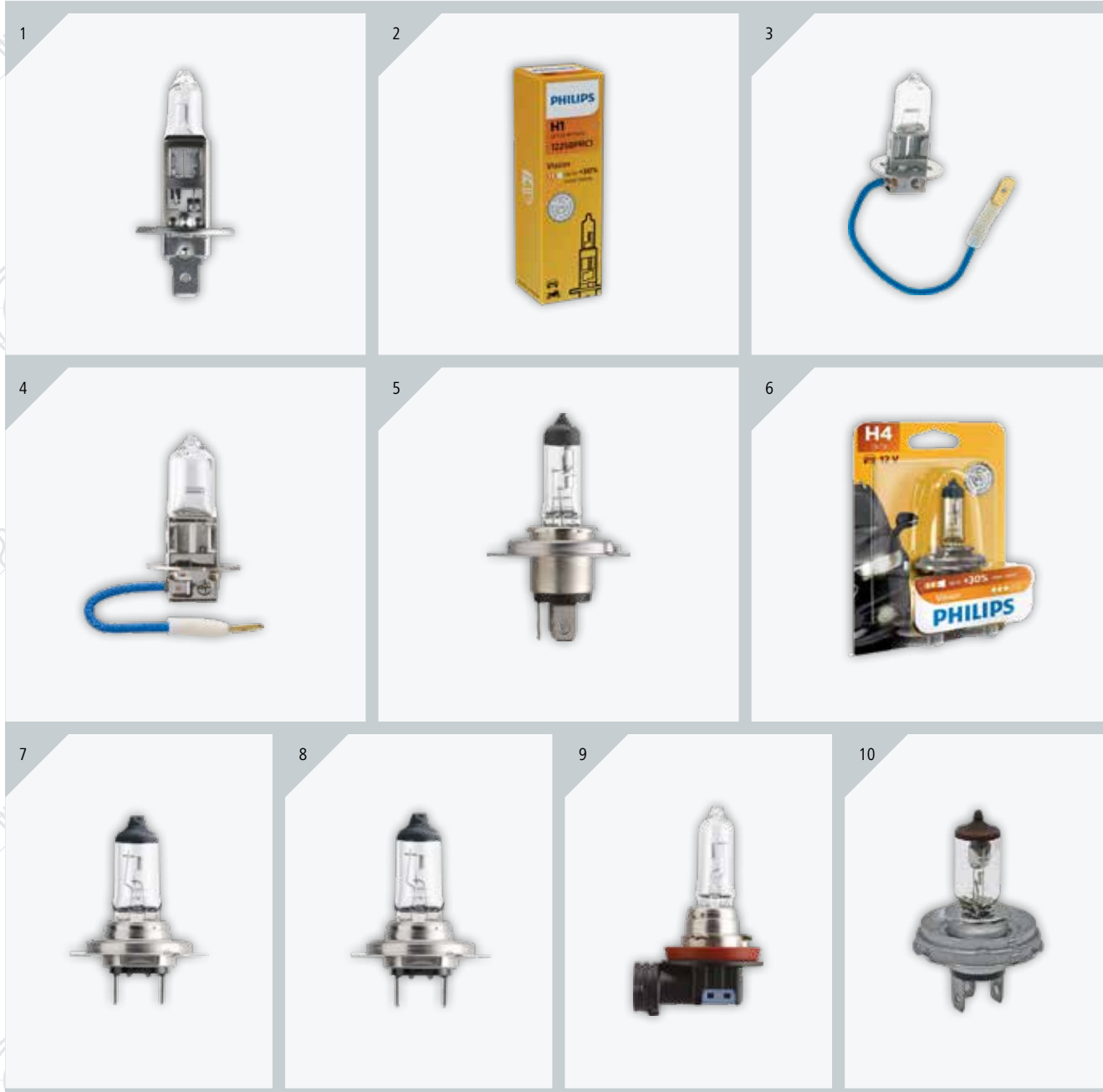
TRAXOR



PHILIPS

Bulbs 12V

- Provides up to 30% more visibility than standard vehicle bulbs
- Excellent luminosity
- For higher safety and comfort



Part no.	Description	Voltage (V)	Power (W)	Socket	Fig. no.	PP
44712258PRB1	Halogen bulb H1	12	55	P14.5s	1	1
44712258PRC1	Halogen bulb H1	12	55	P14.5s	2	1
44712336PRB1	Halogen bulb H3	12	55	PK22s	3	1
44712336PRC1	Halogen bulb H3	12	55	PK22s	4	1
44712342PRC1	Halogen bulb H4	12	60 / 55	P43t-38	5	1
44712342PRB1	Halogen bulb H4	12	60 / 55	P43t-38	6	1
44712972PRC1	Halogen bulb H7	12	55	PX26d	7	1
44712972PRB1	Halogen bulb H7	12	55	PX26d	8	1
44712361C1	Halogen bulb H9	12	65	PGJ19-5	9	1
44712475C1	Halogen bulb R2	12	45 / 40	P45t-41	10	1

PHILIPS

Spherical bulbs



Part no.	Description	To fit	Type	Test mark	Socket	Voltage (V)	Power (W)	Fig. no.	PP
44712620C1STK	Spherical bulb Bilux R2	Dipped beam, full beam	R2	ECE	P45t-41	12	45 / 40	1	1
44712821CP	Spherical bulb R5W	Rear light, reading light, glove compartment light, door light, boot light, brake light, side indicator, rear/parking light, number plate light	R5W	ECE	BA15s	12	5	2	10
44712821B2	Spherical bulb R5W	Rear light, reading light, glove compartment light, door light, boot light, brake light, side indicator, rear/parking light, number plate light	R5W	ECE	BA15s	12	5	3	2
44712814CP	Spherical bulb R10W	Rear light, reading light, reversing light, rear/parking light, number plate light	R10W	ECE	BA15s	12	10	4	10
44712498B2	Spherical bulb P21W	Brake, indicator and fog lights	P21W		BA15s	12	21	5	2
44712499B2	Spherical bulb P21/5W		P21/5W		BAY15d	12	21 / 5	6	2
44712499CP	Spherical bulb P21/5W	Indicator, brake, rear fog and reversing lights	P21/5W	ECE	BAY15d	12	21 / 5	7	10

Festoon bulb T10.5x42.5 10W

12V / 10W

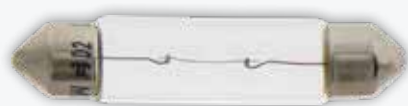
To fit: tail and number plate lights

Socket: SV8.5

Voltage (V): 12

Power (W): 10

Part no. 47712V10WS



PHILIPS

Fuse inserts according to DIN 72581



Part no.	Version	PP
50750295032	5 A, yellow	100
50750295034	8 A, white	100
50750295035	16 A, red	100
50750295036	25 A, blue	100
50798190280	40 A, black	100

Blade fuses, Mini



Part no.	Voltage (V)	Nominal current (A)	Colour	PP
50750295572	32	2	Grey	10
50750295773	32	3	Purple	50
50700343	32	4	Pink	50
50750295575	32	5	Light brown	10
50750295576	32	7.5	Brown	10
50750295577	32	10	Red	10
50750295415	32	15	Blue	50
50750295578	32	15	Blue	10
50750295579	32	20	Yellow	10
50750295580	32	25	White	10
50750295581	32	30	Green	10

Flexible terminal strips

Plug: screw contact



Part no.	Cross section (mm ²)	Number of pins	PP
50750291020	1.5	12	1
50750291021	2.5	12	1
50750291022	6	12	1
50750291023	16	12	1

Blade terminal bushes, partially insulated



Part no.	Cross section (mm ²)	Plug width (mm)	Colour	PP
50750252500	0.5 - 1.0	2.8 x 0.5	Red	100
50750252505	0.5 - 1.0	4.8 x 0.5	Red	100
50750252510	0.5 - 1.0	6.3 x 0.8	Red	100

Blade fuses, Standard



Part no.	Voltage (V)	Nominal current (A)	Colour	PP
50750295403	32	3	Purple	50
50750295405	32	5	Light brown	50
50750295507	32	7.5	Brown	50
50750295410	32	10	Red	50
50750295420	32	20	Yellow	50
50750295525	32	25	White	50
50750295430	32	30	Green	50

Blade fuses, Maxi



Part no.	Voltage (V)	Nominal current (A)	Colour	PP
50750295542	32	20	Yellow	10
50750295543	32	30	Green	10
50750295544	32	40	Orange	10
50750295545	32	50	Red	10
50750295546	32	60	Blue	10
50750295547	32	70	Light brown	10
50750295548	32	80	Natural	10
50750295550	32	100	Purple	10

Blade terminals, partially insulated

DIN / ISO 46245



Part no.	Cross section (mm ²)	Colour	PP
50750252520	0.5 - 1.0	Red	100
50750252521	1.5 - 2.5	Blue	100
50750252522	4.0 - 6.0	Yellow	100

Blade terminals, not insulated


Part no.	Cross section (mm ²)	Version	PP
50750251523	0.5 - 1.0	With locking tab, with locking points	100
50750251522	1.5 - 2.5	With locking tab, with locking points	100
50750251524	4.0 - 6.0	With locking tab, with locking points	100

Part no.	Cross section (mm ²)	Version	PP
50750251214	0.5 - 1.0	With locking tab Galvanised brass, 6.3 mm, for cable 0.5 - 1.0 mm ²	100
50750251418	1.5 - 2.5	With locking tab Blank brass, 6.3 mm, for cable 1.5 - 2.5 mm ²	100
50750251216	4.0 - 6.0	With locking tab Blank brass, 6.3 mm, for cable 2.5 - 6.0 mm ²	100

Deutsch plugs DT series

The extremely robust Deutsch plug system is available in sets, and in addition to the 6-pin variant is also available in other versions.

Further Deutsch plugs with 2-, 3-, 4-, 8- and 12-pin socket housings can also be found in the range.

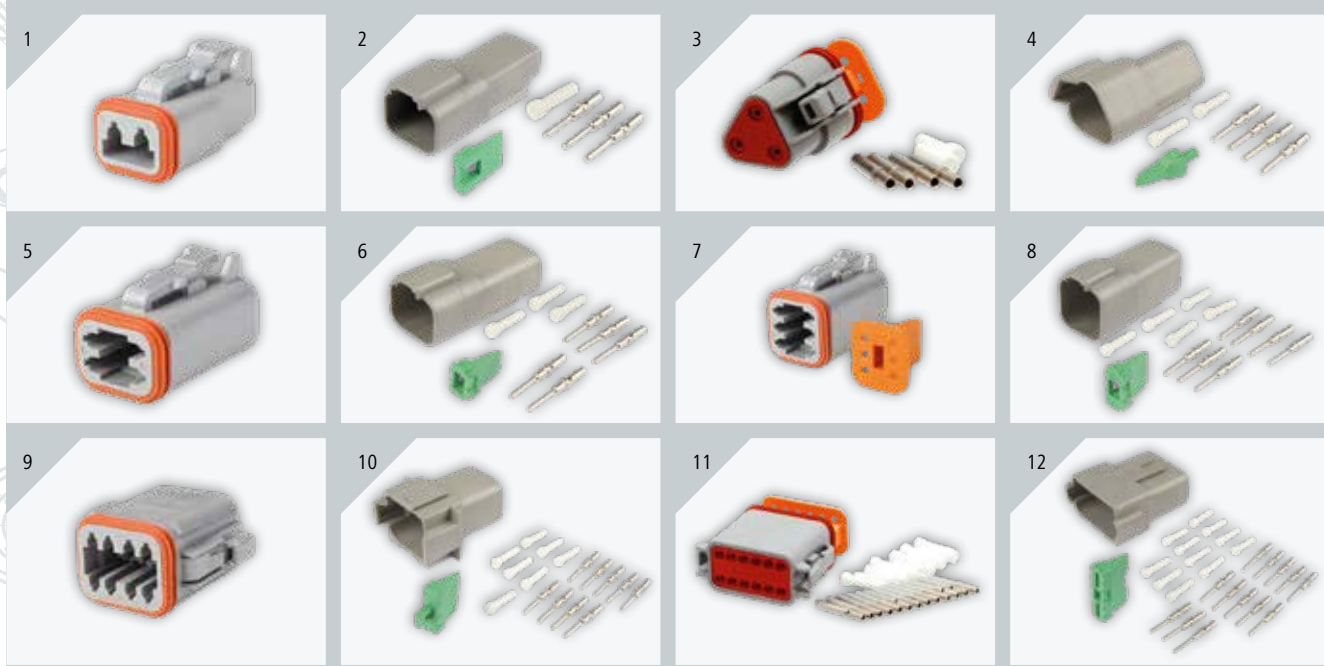
Each pin variant comes in a set consisting of: socket housing, lock, blind plugs (plugs) and crimp connectors.

The Deutsch plugs are resistant even to unusual ambient temperatures from -55°C to +125°C.

The thermoplastic socket housing and high-quality silicone seals are protected against environmental influences such as moisture, dirt and lubricants.

The connectors have an impermeable safety lock. Up to 13 amps current load per contact are possible.

In summary, the Deutsch DT series is one of the most efficient systems and therefore ideally suited to applications under the bonnet, on the transmission, on the chassis and inside the vehicle.



Part no.	Description	Version	Fig. no.	PP
50750390595	Plug housing set	2-pin, 0.5 mm ² to 1.0 mm ² , with seal	1	1
50750390600	Socket With seal, IP68	2-pin	2	1
50750390596	Plug housing set	Connector type: circular socket	3	1
50750390601	Socket	Connector type: circular connector	4	1
50750390597	Plug housing set	4-pin, 0.5 mm ² to 1.0 mm ² , with seal	5	1
50750390602	Socket	Connector type: circular connector	6	1
50750390498	Plug housing set	Connector type: circular socket	7	1
50750390603	Socket	Connector type: circular connector	8	1
50750390598	Plug housing set	8-pin, 0.5 mm ² to 1.0 mm ² , with seal	9	1
50750390604	Socket	Circular connector	10	1
50750390599	Plug housing set	• 12-pin • 0.5 mm ² to 1.0 mm ² • Plug version: circular socket	11	1
50750390605	Socket	Circular connector	12	1

Cable with DEUTSCH DT plug

2-pin connection cable with extra insulation and waterproof Deutsch plug

Part no. 5070010898



Deutsch DT assortment

236 pcs.

Included in delivery:

- 70x circular socket cross section 0.5 - 1.5 mm²
- 70x round plug cross section 0.5 - 1.5 mm²
- 40x sealing/protective plug
- 3x plug housing 6-pin for circular sockets
- 3x secondary lock 6-pin (orange)
- 3x secondary lock 2-pin (orange)
- 3x secondary lock 3-pin (orange)
- 3x secondary lock 4-pin (orange)
- 1x secondary lock 8-pin (orange)
- 1x secondary lock 12-pin (orange)
- 3x plug housing 2-pin for circular sockets
- 3x plug housing 3-pin for circular sockets
- 3x plug housing 4-pin for circular sockets
- 1x plug housing 8-pin for circular sockets
- 1x plug housing 12-pin for circular sockets
- 3x plug housing 2-pin for round plugs
- 3x plug housing 3-pin for round plugs
- 3x plug housing 4-pin for round plugs
- 3x plug housing 6-pin for round plugs
- 1x plug housing 8-pin for round plugs
- 1x plug housing 12-pin for round plugs
- 3x secondary lock 2-pin (light green)
- 3x secondary lock 3-pin (light green)
- 3x secondary lock 4-pin (light green)
- 3x secondary lock 6-pin (light green)
- 1x secondary lock 8-pin (light green)
- 1x secondary lock 12-pin (light green)
- 1x assortment box with 15 compartments

Case size (cm): 33.8 x 26.0 x 5.7

Part no. 50754290600



Plug housings



Part no.	Version	PP
50750290279	Connector type: blade terminal bush	1
50750290280	Connector type: blade terminal	1
50750290285	Connector type: blade terminal bush	1
50750290286	Connector type: blade terminal	1
50750290250	Connector type: blade terminal bush	1
50750290251	Connector type: blade terminal	1
50750290252	Connector type: blade terminal bush	1
50750290253	Connector type: blade terminal	1
50750290284	Connector type: blade terminal bush	1
50750290283	Connector type: blade terminal	1

Ring connectors, partially insulated

DIN/ISO: 46237

Material: copper / PA (polyamide)



Part no.	Colour	Eyelet hole Ø (mm)	Cross section (mm ²)	PP
50750252113	Red	5.3 (M5)	0.5 - 1.0	100
50750252114	Red	6.5 (M6)	0.5 - 1.0	100
50750252122	Blue	5.3 (M5)	1.5 - 2.5	100
50750252123	Blue	6.5 (M6)	1.5 - 2.5	100
50750252124	Blue	8.4 (M8)	1.5 - 2.5	100
50750252161	Yellow	6.5 (M6)	4 - 6	50
50750252162	Yellow	8.4 (M8)	4 - 6	50
50750252163	Yellow	10.5 (M10)	4 - 6	50

U-shaped connectors, insulated



Part no.	Version	PP
50750252213	Red, M 5, for cables 0.5 - 1.0 mm ²	100
50750252214	Red, M 6, for cables 0.5 - 1.0 mm ²	100
50750252222	Blue, M 5, for cables 1.5 - 2.5 mm ²	100
50750252223	Blue, M 6, for cables 1.5 - 2.5 mm ²	100
50750252261	Yellow, M 6, for cables 4.0 - 6.0 mm ²	50
50750252262	Yellow, M 8, for cables 4.0 - 6.0 mm ²	50

Circular connectors, partially insulated



Part no.	Version	PP
50750252532	Red, Ø 4 mm, for cable 0.5 - 1 mm ²	100
50750252533	Blue, Ø 5 mm, for cable 1.5 - 2.5 mm ²	100
50750252537	Yellow, Ø 5 mm, for cable 4.0 - 6.0 mm ²	100

Circular sockets, fully insulated



Part no.	Version	PP
50750252530	Red, Ø 4 mm, for cable 0.5 - 1 mm ²	100
50750252531	Blue, Ø 5 mm, for cable 1.5 - 2.5 mm ²	50
50750252536	Yellow, Ø 5 mm, for cable 4 - 6 mm ²	50

Refill packs, heat shrink tubing



Part no.	Shrinking range Ø (mm)	Length (mm)	Colour	PP
50751273010	1.2 - 0.6	40	Black, yellow, white, red, blue	125
50751273011	1.6 - 0.8	40	Black, yellow, white, red, blue	125
50751273012	2.4 - 1.2	40	Black, yellow, white, red, blue	125
50751273013	3.2 - 1.6	40	Black, yellow, red, blue	80
50751273014	4.8 - 2.4	40	Black, yellow, red, blue	40
50751273015	6.4 - 3.2	40	Black, yellow, red, blue	20
50751273017	9.5 - 4.8	125	Yellow, red, blue	12
50751273018	12.5 - 6.4	125	Yellow, red, blue	9

Repair tape

5 m x 19 mm | Self-sealing

Self-sealing adhesive tape for installing cable sleeves and repairing damaged cable sheaths. Also suitable for sealing hoses and pipes.

When overlapped under tensile stress, quickly self-sealing butyl rubber combined with an interliner. Available in black.

- Supple
- Waterproof
- Permanently elastic
- Quick sealing
- High elongation at break
- Easy handling

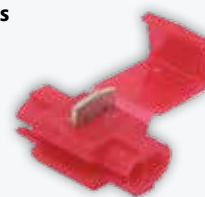
Tear resistance: ≥ 3.0 N/cm
Dielectric strength: 10.0 kV/mm
Temperature range: -30°C to +105°C

Colour: black
Length (m): 5
Width (mm): 19
Thickness (mm): 1.0
Temperature range (°C): -30 - +105

Part no. 50740100007



Branch cable connectors



Part no.	Version	PP
50750252567	Insulated, red, for cables 0.4 - 0.75 mm ²	25
50750252569	Insulated, blue, for cables 1.0 - 1.5 mm ²	25
50750252571	Insulated, yellow, Scotchlok, for cables 2.5 mm ²	10

Electrical insulating tape



Universal insulating tape for all standard electrical insulation work. Also suitable for repairs, colour coding and bundling.

High-quality soft PVC film as backing material, combined with an acrylate-based, pressure-sensitive adhesive that is resistant to ageing. Resistant to flame spread, self-extinguishing.

Available in black, white, yellow, grey, green, red, blue.

- High adhesive strength
- Supple
- Self-extinguishing
- Lead-free
- Easy to handle
- Certified by VDE and ÖVE

Tear resistance: ≥ 20.0 N/cm
Elongation at break: $\geq 190\%$
Adhesive strength on steel: ≥ 1.8 N/cm
Dielectric strength: ≥ 40.0 kV/mm
Temperature range: -10°C to +105°C
Length: 10 m
Width: 15 mm
Thickness: 0.15 mm



Part no.	Colour	PP
50750272110	Black	1
50750272111	White	1
50750272112	Yellow	1
50750272113	Grey	1
50750272114	Green	1
50750272115	Red	1
50750272116	Blue	1

FLK vehicle cables, single-core

Single-core FLK vehicle cable, up to 16 mm² according to DIN 72 551, sheet 2, form B, from 25 mm² in accordance with the same DIN. PVC insulation, for lighting, signal systems and electrical accessories. Cables from 4 mm² can also be used as charging or starter cables.



Part no.	Cross section (mm ²)	Colour	Roll length (m)	PP
50751274208/00	1.5	Black	100	1
50751274208/01	1.5	White	100	1
50751274208/02	1.5	Yellow	100	1
50751274208/03	1.5	Grey	100	1
50751274208/04	1.5	Green	100	1
50751274208/05	1.5	Red	100	1
50751274208/06	1.5	Blue	100	1
50751274208/07	1.5	Brown	100	1

FLK vehicle cables, single-core

Single-core FLK vehicle cable, up to 16 mm² according to DIN 72 551, sheet 2, form B, from 25 mm² in accordance with the same DIN. PVC insulation, for lighting, signal systems and electrical accessories. Cables from 4 mm² can also be used as charging or starter cables.



Part no.	Cross section (mm ²)	Colour	Roll length (m)	PP
50751274209/00	2.5	Black	50	1
50751274209/02	2.5	Yellow	50	1
50751274209/04	2.5	Green	50	1
50751274209/05	2.5	Red	50	1
50751274209/06	2.5	Blue	50	1
50751274209/07	2.5	Brown	50	1

Cable tie assortment

- 500x 100 mm long, colour: red, yellow, green, blue, natural
- 300x 203 mm long, colour: natural
- 50x 280 mm long, colour: natural

Part no. 5000120058



Cable tie assortment with wall holder

300 x 330 x 60

Part no. 50099101



Cable ties - removable

With plastic tongue, for reopening



Part no.	Version	PP
500KB200122	200 x 4.7	100
500KB250122	250 x 4.8	100

Cable ties made of polyamide

- Colour: black
- Robust
- Flame-retardant, self-extinguishing
- UV-resistant
- Temperature range (°C): -40 to +85



Part no.	Version	PP
500KB100121	100 x 2.5	100
500KB140121	140 x 2.5	100
500KB141121	140 x 3.6	100
500KB160121	160 x 2.5	100
500KB180121	180 x 4.8	100
500KB200121	200 x 2.6	100
500KB201121	200 x 3.6	100
500KB202121	203 x 4.6	100
500KB250121	250 x 4.8	100

Part no.	Version	PP
500KB290121	290 x 3.6	100
500KB291121	290 x 7.8	100
500KB300121	300 x 4.8	100
500KB360121	368 x 4.6	100
500KB370121	375 x 7.6	100
500KB395121	395 x 7.8	100
500KB430121	430 x 7.8	100
500KB750121	750 x 7.8	100

Lashing straps with automatic retractor

- Fix the load quickly and easily
- Can be extended and retracted automatically
- Simply press the button to roll up the strap
- Strap protected from weather and dirt, therefore longer service life
- TÜV GS
- With claw hooks at both ends



Part no.	Total length (mm)	Strap width (mm)	Load capacity, direct pull (daN)	Load capacity, lashing (daN)	PP
11017789	3000	25	320	640	1
11302850	3000	50	750	1500	1

Lashing straps

- 1-piece
- Length: 5 m
- Strap width: 25 mm



Part no.	Version	Load capacity, direct pull (daN)	Load capacity, lashing (daN)	Ratchet breaking force (daN)	PP
22000084	With clamp lock	175	350	350	1
22000085	With mini ratchet	375	700	400	1

Lashing straps

- Lashing straps with ratchets for securing medium to heavy loads
- Suitable for transporting machinery, building materials or bulky goods
- Material: polyester
- 2-piece



Part no.	Length (m)	Strap width (mm)	Load capacity, direct pull (daN)	Load capacity, lashing (daN)	Pre-tensioning force STF (daN)	Ratchet breaking force (daN)	Weight (kg)	PP
50040024001020	4	25	400	800	120	400	0.44	1
50040026001020	5	25	400	800	120	400	0.48	1
500100024003040	4	35	750	1500	200	750	1.04	1
500100026003040	6	35	750	1500	200	750	1.2	1
500200024004030	4	50	2000	4000	300	2500	1.6	1
500200028004030	8	50	2000	4000	300	2500	2.29	1
5002000212004030	12	50	2000	4000	300	2500	2.5	1
50026505034	8	50	2500	5000	300	2500	2.44	1
500265050341	10	50	2500	5000	300	2500	2.68	1
500265050342	12	50	2500	5000	300	2500	3.33	1
500265050343	15	50	2500	5000	300	2500	3.47	1
500500024005010	4	75	5000	10000	480	5000	6.34	1
500500028005010	10	75	5000	10000	480	5000	7.6	1

Lashing straps

- Lashing straps with ratchets and carabiners for securing medium to heavy loads
- Suitable for transporting machinery, building materials or bulky goods
- Carabiners engage securely in eyelets or attachment points and prevent accidental release
- Material: polyester
- 2-piece



Part no.	Length (m)	Strap width (mm)	Load capacity, direct pull (daN)	Load capacity, lashing (daN)	Pre-tensioning force STF (daN)	Ratchet breaking force (daN)	Weight (kg)	PP
500100024003030	4	35	750	1500	200	750	1.02	1
500100026003030	6	35	750	1500	200	750	1.18	1

Lashing straps

- Lashing straps with long lever pull ratchet for securing heavy loads
- With high pretensioning force
- Suitable for transporting machinery, building materials or bulky goods
- Material: polyester, abrasion-resistant and UV-resistant
- 2-piece



Part no.	Length (m)	Strap width (mm)	Load capacity, direct pull (daN)	Load capacity, lashing (daN)	Pre-tensioning force STF (daN)	Ratchet breaking force (daN)	Weight (kg)	PP
50026515034	8	50	2500	5000	500	2500	3.05	1
500265150341	10	50	2500	5000	500	2500	3.4	1
500265150342	12	50	2500	5000	500	2500	3.59	1
500265150343	16	50	2500	5000	300	2500	4.05	1
500265150344	20	50	2500	5000	500	2500	4.55	1

Belt winder for tension belts

The belt winder is lightweight and can be carried to the belt, unlike fixed belt winders attached to lorries. Extremely fast winding of all commercially available belts in just 15 seconds. Works with all belts up to 15 metres.

Part no. 50099124



Edge protection bracket

- Reinforced version with slots
- Stable protection on rough surfaces

Band width (mm): 50

Part no. 50089



Tow ropes

- Twisted with 2 loops
- For towing heavy wheeled vehicles such as trucks or construction machinery
- Robust, insensitive design
- Low weight
- With reinforced loops



Part no.	Length (m)	Colour	Weight (kg)	Breaking load approx. (kN)	Tensile force (t)	PP
5008140PA04S2	4	Red	3.89	350	35	1
5008140PA05S2	6	Red	5.46	350	35	1
5008140PA10S2	10	Red	9.06	350	35	1
50081400001	6	Blue	5.52	560	56	1

Ratchet winch 1.5 t

- For tensioning, pulling and moving loads
- High leverage with low effort and easy handling
- Double sprockets for double safety
- With third hook for straight pulling without pulley

Wire cable Ø (mm): 6

Cable length (m): 3

Tensile force (t): 1.5

Breaking load (N): 4 t

Part no. 11157675



Single cover round slings

- Made of high-quality material, therefore high load capacity
- Easy to transport
- Adapts to different load shapes
- Versatile, ideal for workshops and yards
- TÜV / GS tested



Part no.	Effective length (m)	Length (m)	Direct load capacity (kg)	PP
76005140512-1.5	0.75	1.5	1000	1
76005140512	1	2	1000	1
50020021RS	1	2	2000	1
50020031RS	1.5	3	2000	1
50030031RS	1.5	3	3000	1
50050015RS	1.5	3	5000	1
50020051RS	2.5	5	2000	1
50030061RS	3	6	3000	1
50050030RS	3	6	5000	1

Lifting straps

- With reinforced end loops
- 2-ply
- Versatile, ideal for workshops and yards
- Easy to handle, allowing quick and safe lifting
- Compact and easy to store when rolled up
- Various lengths available
- TÜV / GS tested



Part no.	Length (m)	Direct load capacity (kg)	PP
50010022HB	2	1000	1
50020022HB	2	2000	1
50030022HB	2	3000	1
50020032HB	3	2000	1
50030032HB	3	3000	1
50020042HB	4	2000	1
50030042HB	4	3000	1
50020052HB	5	2000	1
50030052HB	5	3000	1
50040062HB	6	4000	1

Heavy Duty chain hoists

- The mechanical load lifting brake guarantees increased braking performance and safety beyond the limit range
- The load chain runs quietly and smoothly thanks to the chain guide in the flanged load chain wheel and in the guide roller
- Easy to use
- Double-walled housing - protects against dust and water
- Impact-resistant gearbox housing - resistant to external influences
- Precision gearbox - little manual effort
- Conforms to the provisions of the 2006/42/EC Machinery Directive
- In accordance with EN 13157:2004



Part no.	Load capacity (kg)	Lifting height (mm)	PP
11209308	1 t	2500	1
11051138	3 t	2500	1

Heavy Duty ratchet hoists

- Extra thick steel
- With ergonomic ratchet
- Hardened steel hooks
- Operates with minimal resistance
- Compact design
- Smooth, interference-free chain guide



Part no.	Load capacity (kg)	Lifting height (mm)	PP
11019481	1.5 t	1500	1
11132590	3 t	1500	1

Grease gun

- Connection thread M 10 x 1
- Pump piston 8 mm
- Contents approx. 500 cm³
- With reinforced hose Ø 8 x 300 mm
- With 4-jaw hydraulic mouthpiece
- For 400 g cartridge or bulk grease
- Without grease gun filling nipple
- High-pressure hand lever

Connection thread: M 10 x 1

Part no. 50099000



Grease gun, professional version

- Pump piston 8 mm
- Capacity approx. 500 cm³
- With nozzle tube 150 mm
- With 4-jaw hydraulic mouthpiece
- For 400 g cartridge or bulk grease
- For grease up to NLGI 2 at 20°C

Connection thread: M 10 x 1

Part no. 50099089



Two-handed grease gun

For quick and easy high-pressure lubrication

- With 12" (300 mm) high-pressure hose
- With 4-jaw mouthpiece
- Complete emptying
- Extremely robust thanks to die-cast aluminium head
- Low wear resulting in a long service life
- Protective cap for hose storage
- Pressure max. 500 bar / 7500 psi
- For 500 g screw cartridges

Part no. 50099044



One-handed grease gun

High-pressure one-handed grease gun

- With straight nozzle tube
- 4-jaw hydraulic mouthpiece
- For 400 g cartridge or bulk grease
- Strong gun grip

Connection thread M 10x1

Part no. 50099045



Grease gun holder

- Magnetic grease gun holder for safe and practical storage
- Adheres reliably to metal surfaces
- Suitable for grease guns up to Ø 57.15 mm
- Ideal for workshops, garages and maintenance areas
- Perfect for trucks and vans
- Ensures efficient organisation and quick access

Part no. 12407842



Bearing lubricator

Designed for use on bearings with a minimum diameter of 45 mm (1 3/4 inch) and a maximum diameter of 90 mm (3 1/2 inch).

A lightweight, practical and portable bearing lubricator that offers a quick and easy way to remove old grease and dirt and replace it with new grease. Thanks to its simple manual mechanism, no grease gun or pump is required.

Bearing Ø:
Min. 45 mm
Max. 89 mm

Part no. 12369520



Mouthpiece, 4 jaws

M10 x 1

Part no. 50099040



Steel tube with 4-jaw mouthpiece

Connection thread: M10 x 1
Length (mm): 150

Part no. 50099091



Grease gun coupling M10, short

M10 x 1

Version:

Short version, connection length: 30 mm

Part no. 50099099



Grease gun coupling M10, long

M10x1

Version:

Long version, connection length: 80 mm

Part no. 50099199



High-pressure reinforced rubber hose

Connection thread: M10 x 1

Length (mm): 300

Part no. 50099046



High-pressure reinforced rubber hose

Connection thread: M10 x 1

Length (mm): 500

Part no. 50099092



Grease nipple assortment

110 pcs.

Contents:

Straight: M6x1 / M8x1 / M10x1

45°: M6x1 / M8x1 / M10x1

90°: M6x1 / M8x1 / M10x1

Part no. 50099017



Grease nipple assortment

140 pcs.

Contents:

Straight: 1/4"UNF / 5/16"UNF /

1/8"GAS

90°: 1/4"UNF / 5/16"UNF /

1/8"GAS

Part no. 50099018



Protective caps (tapered grease nipples)

Contents: 100 pcs.

Colour: red

Part no. 50099098



Cordless grease gun set

- Powerful and robust cordless grease gun
- More compact design and ergonomically shaped handle offering a high level of comfort
- Battery capacity display on the device
- Ventilation by means of a ventilation valve
- Anti-kink springs on the hose increase the service life
- Suitable for 400 g cartridges and bulk grease
- Delivery rate adjustable in 2 steps
- Suitable for all NLGI consistency class 2 greases

Technical data:

- 18V 4.0Ah lithium-ion
- Maximum pressure: 685 bar / 10,000 psi
- Delivery rate:
Level 1 - 125 g/min. (+/- 10 g)
Level 2 - 290 g/min. (+/- 30 g)
- Dimensions L x W x H: 400 x 90 x 227 mm
- Weight: 4.7 kg (including battery)

Included in delivery:

- 1x 18V cordless grease gun
- 1x 18V 4.0Ah lithium-ion battery
- 1x 18V battery charger
- 1x GRANIT BLACK EDITION case

Part no. 11034443



Multipurpose grease

GRANIT multipurpose grease 2 is a high-quality lithium soap-based lubricating grease with a light natural colour, smooth consistency and short-fibre structure conforming to NLGI class 2. With EP additives.

Areas of application:

GRANIT multipurpose grease 2 is suitable for roller and plain bearings in industrial plants, machine tools, cars and agricultural equipment. Works well even under dusty and slightly humid operating conditions. Thanks to its favourable consistency, GRANIT multipurpose grease 2 is especially suitable for automatic lubricating devices requiring grease of consistency class NLGI 2.

Labelling: in accordance with DIN 51502, type K2K-25

Soap base: Li 12-hydroxystearate

Dripping point: approx. 190°C

Temperature range: -25°C to +120°C (short-term up to +130°C)



Part no.	Container	PP
11659147	12x 400 g cartridge	12
21088883 GEB0.5	500 g screw cartridge	1
21088883 GEB5	5 kg bucket	1
21088883 GEB15	15 kg bucket	1
21088883 GEB25	25 kg container	1

Long-life grease LRZ 2

GRANIT long-life grease LZR 2 is a new, blue roller and plain bearing grease made from high-quality base oils using lithium soap as a thickener. It is characterised by excellent resistance to oxidation.

Areas of application:

GRANIT long-life grease LZR 2 is water-resistant, adhesive, resistant to compression and protects against corrosion. These properties, together with high shear stability and good wear values, mean that this grease is especially suitable for lubricating heavily loaded plain and roller bearings under difficult operating conditions and at low temperatures.

Version:

GRANIT long-life grease LZR 2 is a universal lubricating grease. It is recommended for lubricating vehicles, industrial machinery and construction, masonry and earthmoving machinery and equipment.

Labelling:

In accordance with DIN 51502, type KP2K - 30

Soap base:

Li 12-hydroxystearate



Part no.	Container	PP
18521618	12x 400 g cartridge	12
21088885 GEB1	500 g screw cartridge	1
21088885 GEB5	5 kg bucket	1
21088885 GEB15	15 kg bucket	1
21088885 GEB25	25 kg container	1

Multipurpose graphite grease

GRANIT multipurpose graphite grease is a high-quality lithium soap-based lubricating grease that is black in colour and has a smooth consistency enriched with graphite of maximum fineness.

Areas of application:

GRANIT multipurpose graphite grease has proven itself for universal use at grease lubricating points under low pressure loads and normal temperatures. Enrichment with graphite of maximum fineness gives this product good dry-running properties.

GRANIT multipurpose graphite grease works well even under dusty and slightly humid operating conditions.

GRANIT multipurpose graphite grease is suitable for roller and plain bearings in cars and agricultural equipment and machinery. Thanks to its soft consistency this grease is also suitable for grease guns.

Labelling: in accordance with DIN 51502, type KF2K-30

Soap base: Li 12-hydroxystearate

Dripping point: approx. 180°C

Temperature range: -30°C to +120°C (short-term up to +130°C)



Part no.	Container	PP
18520947	12x 400 g cartridge	12
21088887 GEB0.5	500 g screw cartridge	1
21088887 GEB5	5 kg bucket	1

TOP long-life grease 500 g

Marine grease NLGI2 is a special long-life grease with EP additives based on a Ca-12-OH soap. It is yellowish and transparent, and has a smooth consistency as per NLGI class 2.

Areas of application:

GRANIT marine grease NLGI2 is an extremely long-life grease for plain and roller bearings, sliding guides in vehicles, construction machinery, crusher and screening plants, calenders, rollers, compactors and heavy machinery. This product is based on a highly viscous base oil and a special calcium soap.

The combination of high-quality raw materials and a unique manufacturing process has resulted in an outstanding long-life lubricating grease with exceptional properties. The combined effect of all its properties gives marine grease NLGI2 a high performance level not achieved by multipurpose grease, and that has proven itself to be advantageous in the course of numerous applications.

An ideal long-life grease for extended lubrication intervals and for reducing lubricant requirements.

In order to achieve the longest possible lubrication intervals the directions for use must be observed.

Version:

Marine grease NLGI2 is not a high-temperature grease, but is effective at bearing temperatures of up to approx. 130°C

Dripping point: approx. 150°C

Temperature range: -30°C to +120°C (short-term up to +130°C)

Application notes:

- Only fill closed bearings by up to a third
- Clean bearings before filling
- Waste grease should be completely removed from bearings

Labelling:

According to DIN 51502, type KP2K-30, denomination according to DIN 51502, type KP2K-30 subtitle

Soap base:

Ca-12-OH soap

Container: 500 g screw cartridge

Part no. 21068140025



Low-viscosity grease (gear grease) for special gears and steering



GRANIT low-viscosity gear grease is a high-quality gear grease with sodium soap-based EP additives, a light brown colour and a very soft consistency conforming to NLGI class 0.

Description:

Thanks to its long-fibre sodium soap and very soft consistency, GRANIT low-viscosity gear grease is particularly adhesive and has good corrosion protection properties. The grease's natural properties are reinforced by wear and corrosion protection additives, giving it a high pressure absorption capacity. GRANIT low-viscosity gear grease is suitable for filling the gearboxes of spur gears, bevel gears, worm gears and similar industrial gears. GRANIT low-viscosity gear grease can also be used for manual transmissions in mopeds and stationary engine-driven units. In contrast with classic lithium soap greases that displace water, GRANIT low-viscosity gear grease can absorb small quantities of water to form a homogeneous substance. It also boasts low oil separation.

When using gear greases the instructions for use should be observed.

Labelling: according to DIN 51502, type GP0H-30

Soap base: sodium

Dripping point: approx. 140°C

Temperature range: -20°C to +100°C



Part no.	Container	PP
21088882 GEB2	1000 ml tube	1
21088882 GEB5	5 kg bucket	1
21088882 GEB15	15 kg bucket	1
21088882 GEB25	25 kg container	1

Hand transfer pump



Vacuum hand pump for cleanly transferring or refilling fuels (petrol, diesel, etc.) and other liquids such as water.

- Enables convenient refuelling and emptying without spilling
- One-handed operation
- Pump direction indicator on the pump
- PVC pump and hose (2x 81.5 cm)

Part no. 50020084



Drum piston pump



Technical data:

- Ergonomic design for fatigue-free pumping with an output of up to 350 ml per stroke
- Double wing piston and telescopic suction pipe for improved suction power
- 2" bung adaptor for mounting on the drum
- Pump outlet with vent cap to interrupt the suction and stop the flow
- 2 m x 3/4" (19 mm) flexible hose

Part no. 12367977



Hand lever drum pump



For pumping diesel, fuel oil, kerosene, undiluted radiator antifreeze and oil up to SAE 90.

Technical data:

- Delivery rate: approx. 300 ml/stroke
- For drums: capacity of 50 to 210 litres
- With drum thread: 2" male
- Pump head: die-cast zinc
- Pump body: steel, powder-coated

Part no. 50099041



Rotary hand pump



Robust rotary hand pump made of cast iron.

For pumping diesel, fuel oil, kerosene, oil up to SAE 90 and other non-aggressive media.

Technical data:

- Delivery rate: 5 litres per 20 rotations for diesel
- For drums: 50 - 210 litres
- Pump thread: 1"
- Complete with suction pipe
- Designed for draining low- and medium-viscosity media

Application:

Bidirectional operation:

Pump in both directions by turning the handle backwards a few times.

Part no. 50099093



Transfer pump

Pumped substance:

Suitable for fuel oils, mineral oils, synthetic and biological oils and coolants

Description:

- Dual-function transfer pump
- Die-cast aluminium head with steel housing
- Including 300 mm flexible hose per connection
- Capacity: 500 ml

Part no. 12365767



Filler pipe

- With strainer
- Dust cover and flexible outlet

Capacity: 3 l

Version:

- Heavy-duty polypropylene construction
- Easy to use
- With strainer
- Dust cover and flexible outlet

Part no. 50099043



Measuring can

With lid

Capacity: 5 l

- High-quality polyethylene measuring can
- Stable
- With lockable dust cover
- Flexible spout (screw-on)

Part no. 50099048



Outlet tap

To fit: all 20 l lubricant cans

Technical data:

- Thread Ø (inner): 50.2 mm / 54.8 mm
- Thread pitch: 5 mm

Part no. 2100020



Oil can

- With 225 mm spray tube
- Angled 30°
- Steel construction, powder-coated

Part no. 50099042



Oil drip tray, 16 l

- Ideal for collecting and disposing of used oil
- Made of high-density polyethylene
- For routine maintenance work on heavy machinery
- Can be stacked with other drip trays
- Easy to transport and store

Collection volume (l): 16

Ø (mm): 589

Part no. 12366227



Suction and pressure sprayer

For oils up to SAE 90, petrol, fuel oil and diesel

Part no. 50099096



Oil drip tray AW 225 S

- Oil drip tray for storing a maximum of 2 drums with a capacity of 220 l
- Painted sheet steel with galvanised gratings
- Production monitored by LGA (German certification company)
- Approval according to water-related legislation
- Galvanised gratings
- High stability
- Can be retracted on four sides (ground clearance 100 mm)
- Can be positioned flexibly
- 3.5 mm sheet steel
- RAL 7016

Version: for 2 drums max. 220 l

Dimensions (mm): 1200 x 800 x 385

Capacity (l): 225

Part no. 12541308



TRAXOR



Pack of 50 oil change hangers

Contents: 50 pcs.

Part no. 21099003





GRANIT
QUALITY PARTS



BLACK EDITION

EINFACH STARKES WERKZEUG



Power tools

Compressed air tools

LED workshop lights

Workshop trolleys

Tool cases and boxes

HeavyGrip socket wrenches and accessories

Socket wrenches and accessories

Impact socket wrenches and accessories

Spanners

Screwdrivers, keys, bits

Pliers

Hammers, chisels and pin punches

Metalworking tools

Special tools

Consumables

Garden and forestry tools

The entire GRANIT BLACK EDITION range can be found online or in the GRANIT BLACK EDITION catalogue.

TRAXOR





HEAVY DUTY WORKSHOP EQUIPMENT

Modular systems

Equipment

Compressed air technology

Tyre technology

Lifting technology

Air conditioning technology

Bodywork

Testing tools

Oil and lubrication technology

More items can be found in the new **TRAXOR** brochure and in the **Capital Goods Special**.

THE ENTIRE RANGE CAN BE FOUND IN THE GRANIT WEBSHOP!

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