HIGHVELD

Garage Equipment CC

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Garage equipment & tools catalogue 2026

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HIGHVELD GARAGE EQUIPMENT CC was established in 1985. We specialise in quality garage equipment and tools, either imported by ourselves, purchased from local wholesalers or manufactured in South Africa. We do not sell inferior products, but only well known, professional products, always taking value for money into consideration.

Our office is located in Montana, Pretoria, where safe parking on premises, is always available. Our facility includes a showroom, modern offices, training centre, mechanical workshop, electronic workshop and warehouse.

Our own technicians ensure that the equipment is professionally installed and serviced when required. We do not use agents or 3rd party companies to do our installations and training. Training schools on automotive diagnostics and wheel service equipment, are held regularly.

National and International sales and service, are done throughout Southern Africa.

Mission Statement

We at Highveld Garage Equipment CC are committed to be market leaders in the garage equipment industry. We strive to offer the best products, always taking value for money into consideration. With superior industry knowledge we will back the products with the best possible service.



Highveld Garage Equipment CC building at 42 Taaifontein st, Cnr Khai Apple st, Montana, Pretoria

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2 Post lifts



002-010
2 Post lift 4000Kg
With base

Electro hydraulic 220V Single phase.
Capacity 4000Kg.
The arms lock automatically when raised.
Suitable for most car, bakkie and 4X4 vehicles.
Complies with all safety regulations.



002-014
2 Post lift 4000Kg
With base

Electro hydraulic 220V Single phase.
Control box with isolator switch included.
Capacity 4000Kg.
The arms lock automatically when raised.
One set of extension adaptors included.
Suitable for most car, bakkie and 4X4 vehicles.
Single point lock release for easy operation.
Complies with all safety regulations.



002-022
2 Post lift 4500Kg
Base free

Electro hydraulic 220V Single phase.
Control box with isolator switch included.
Capacity 4200Kg.
The arms lock automatically when raised.
One set of extension adaptors included.
Suitable for most car, bakkie, and 4X4 vehicles.
Very low maintenance required due to direct. drive cylinders.
Single point lock release for easy operation.
Complies with all safety regulations.

4 Post lifts





004-010
4 Post lift 4000Kg
Standard

4000 Kg capacity.
220V Single phase.
Mechanical safety lock at each pillar.
No need for pneumatic connection. 220V Only.
Lift can be mechanically lowered in case of power failure.
Complies with all safety regulations.
Auxiliary jack not included.

004-020
4 Post lift 4000Kg
With alignment plates

4000 Kg capacity.
220V Single phase.
Suitable for wheel alignment with built in slip plates and turntable recesses.
Turntables not included.
Mechanical safety lock at each pillar.
No need for pneumatic connection. 220V Only.
Lift can be mechanically lowered in case of power failure.
Complies with all safety regulations.
Auxiliary jack not included.



004-030
4 Post lift 5000Kg
Standard

5000 Kg capacity.
220V Single phase.
Mechanical safety lock at each pillar.
Complies with all safety regulations.
Auxiliary jack not included.

Auxiliary jacks





006-010 2800Kg capacity
006-020 3000Kg capacity
Pneumatically operated

To be used with 4 Post lift and pits. Rail at the bottom.
Complete with cradle, lifting pads and extension pieces.
Mechanical safety lock

In-ground single post lift



004-040
In ground single post lift
5000Kg Capacity
Pneumatic / hydraulic lift to be installed in-ground. Suitable for cars and 4X4 vehicles. Designed to be used in wash bays. Drive on type. No need to position arms under vehicle.

Low level lifts



008-020
Low level lift
Single cylinder
Capacity 3000Kg capacity. Hydraulic pump 220V Single phase. Suitable for cars and 4X4 vehicles. Used in tyre shops, general. workshops and panel beaters. Maximum height 600mm.

Scissors lift



Scissors lifts
011-010 3500Kg Capacity
011-020 4000Kg Capacity
Full rise type. Above ground installation. Electro hydraulic 220V Single phase. Suitable for most car, bakkie and 4X4 vehicles. Complies with all safety regulations.

Motorcycle lifts



010-005
Motorcycle lift
Foot operated (Manual)
Capacity 450 Kg
Minimum height 195 mm.
Maximum height 780 mm.
Weight 133Kg.



010-020
Motorcycle lift
Pneumatically or manually operated
Capacity 450 Kg
Minimum height 195mm.
Maximum height 780 mm.
Weight 133Kg.

Hydraulic power pack



003-010
Power pack
220V Single phase
Pressure 210Bar
Suitable for most 2 and 4 Post lifts.
Push button with contactor included.

Ramps





012-070
Car ramps
Patented ramps with built in bottle jacks to lift vehicle
Sold in pairs
Length 820mm
Width 300mm
Height 225mm

012-010
Car ramps
Sold in pairs
Length 820mm
Width 300mm
Height 225mm



Heavy duty car ramps (Sold each)

Code	Length	Width	Height
012-020	1200mm	250mm	250mm
012-030	1500mm	250mm	250mm

Trestles



Trestles
With ratchet
Sold in pairs

Code	Capacity	Min height	Max height
014-020	3 Ton	285mm	425mm
014-030	6 Ton	410mm	600mm
014-040	12 Ton	487mm	748mm







Trestles
With pin
Sold individually

Code	Capacity	Min height	Max height
014-050	2 Ton	1200mm	1800mm
014-060	3 Ton	320mm	520mm
014-070	6 Ton	375mm	560mm
014-080	12 Ton	470mm	770mm
014-090	25 Ton	520mm	790mm
014-100	50 Ton	520mm	790mm

Bottle jacks





Bottle jacks with 60mm additional adjustment				
Code	Capacity	Min height	Stroke	Max height
016-010	2 Ton	158mm	90mm	308mm
016-015	3 Ton	195mm	125mm	380mm
016-025	5 Ton	197mm	125mm	382mm
016-040	8 Ton	200mm	125mm	385mm
016-050	10 Ton	200mm	125mm	385mm
016-060	12 Ton	210mm	125mm	395mm
016-070	15 Ton	225mm	140mm	425mm
016-080	20 Ton	235mm	145mm	440mm
016-085	30 Ton	255mm	150mm	405mm
016-100	50 Ton	255mm	150mm	405mm
016-110	100 Ton	300mm	180mm	480mm

Bottle jacks 2 Stage Telescopic type					
Code	Capacity	Min height	Stroke	Adjustment	Max height
016-026	4 Ton	170mm	190mm	50mm	410mm
016-036	6 Ton	170mm	200mm	50mm	420mm
016-046	8 Ton	170mm	200mm	50mm	420mm
016-056	10 Ton	180mm	210mm	60mm	450mm

Air bottle jacks



Air hydraulic jacks



Bottle jacks Pneumatic type					
Code	Capacity	Min height	Stroke	Adjustment	Max height
018-010	20 Ton	260mm	170mm	80mm	510mm
018-020	30 Ton	250mm	150mm		400mm
018-030	50 Ton	265mm	160mm		425mm

Trolley jacks Pneumatic			
Code	Capacity	Min height	Max height
024-010	22 Ton	245mm	535mm
024-020	35 Ton	283mm	638mm

Scissor jacks



Scissors jacks				
Code	Capacity	Min height	Max height	Length
022-010	1 Ton	88mm	383mm	426mm
022-020	2 Ton	90mm	380mm	460mm



Trolley jacks Pneumatic			
Code	Capacity	Min height	Max height
024-030	40/20/10 Ton	125mm	404mm
024-040	50/25 Ton	215mm	564mm

Farm jack



Farm jack 3 Ton				
Code	Capacity	Min height	Max height	Length
022-030	3 Ton	48mm	1045mm	1220mm

Pneumatic bellows jack



Bellows jack 2.2 Ton			
Code	Capacity	Min height	Max height
024-070	2.2 Ton	150mm	435mm

Trolley jacks



020-050
Trolley jack
Aluminium
3 Ton
Aluminium trolley jack used for racing purposes because of light weight.
Professional heavy duty.
Minimum height 100mm
Maximum height 465mm
Body length 770mm



020-005
Trolley jack
Standard profile
3 Ton
Suitable for most workshops
Minimum height 130mm
Maximum height 495mm
Body length 630mm



020-025
Trolley jack
Low profile
3 Ton
Low profile trolley jack suitable for workshops with low vehicles
Minimum height 75mm
Maximum height 505mm
Body length 685mm



020-055
Trolley jack
Aluminium
2 Ton Low profile
Aluminium trolley jack used for racing purposes because of light weight.
Professional heavy duty.
Minimum height 90mm
Maximum height 440mm



020-030
Trolley jack
Quick lift
4 Ton
Popular for workshops and garages.
Quick lift patented design.
Minimum height 100mm
Maximum height 455mm



020-052
Trolley jack
Yellow jacket
3 Ton
Popular for workshops and garages.
Very heavy duty design.
Minimum height 100mm
Maximum height 585mm

Trolley jacks
Heavy duty

Code	Capacity	Min height	Max height	Length
020-060	3 Ton	140mm	620mm	1400mm
020-070	5 Ton	160mm	560mm	1510mm
020-080	10 Ton	170mm	570mm	1640mm
020-090	15 Ton	220mm	680mm	1550mm
020-100	20 Ton	220mm	680mm	1550mm



Forklift jack



026-010
Forklift jack
5 Ton
Forklift trolley jack
Minimum height 70mm
Maximum height 365mm

Pallet jack



Pallet jack			
Code	Capacity	Outside width	Length
028-040	2.5Ton	685mm	1220mm

Car dolly's



030-010
Car dolly
450Kg capacity per dolly
Suitable to move small to medium cars around. Sold in pairs.
Each dolly capable of supporting 450Kg therefore a vehicle of maximum 1.8 Ton weight

Positioning jack



030-020
Positioning jack
Hydraulic type
700Kg Capacity
Suitable to move most cars and 4X4 around.
Each dolly capable of supporting 700Kg therefore a vehicle of maximum 2.8 Ton weight

Mechanics chairs



032-010
Mechanics chair
Pneumatically adjustable seat by 120mm



032-020
Mechanics chair
Includes drawer under seat

Creepers



034-010
Padded steel creeper
6 Wheels
Length 1050mm



Steel heavy duty creepers		
Code	Wheels	Length
034-030	4 Wheels	900mm
034-040	6 Wheels	1200mm



034-020
Plastic creeper
6 Wheels
Length 1030mm



034-070
Padded steel creeper / seat
6 Wheels
Length 1050mm



034-060
Nylon webbing creeper
6 Wheels
Length 1300mm

Chocks



Wheel chocks			
Code	Purpose	Size	Material
036-010	Car	105x75x75mm	Rubber
036-020	Truck	326x204x161mm	Steel
Sold in pairs			

Engine stands



038-020
Engine stand
450Kg capacity
Engine stand on wheels.
Suitable for small to medium engines up to 3L capacities



038-030
Engine stand
680Kg capacity
Engine stand on wheels.
Suitable for medium to large engines 3L and above

Engine cranes



040-020
Engine crane 2 Ton
2 Ton capacity.
Engine crane on wheels and foldable to save space when storing.
Minimum height 25mm.
Maximum height 2300mm.



040-030
Engine crane 3 Ton
3 Ton capacity.
Engine crane on wheels for heavy duty work.
Foldable to save space when storing.
Minimum height 0mm.
Maximum height 2450mm.

Engine leveler



042-010
Engine leveler
680Kg capacity
Engine leveler to be used when lifting engines with engine crane

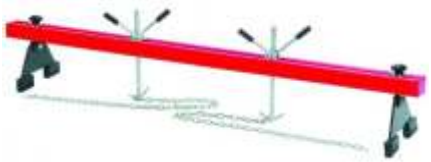
Engine crane cylinders



044-010
Hydraulic cylinder for engine cranes
Capacity 8000 Kg. Minimum height 630mm. Maximum height 1120mm

Engine support

046-020
Engine support
500Kg capacity
Engine support with double chain
Length 1500mm



Work benches



Workbench
Standard
3mm Steel top

Code	Length	Height	Depth
048-010	1500mm	850mm	750mm
048-020	1800mm	850mm	750mm
048-030	2400mm	850mm	750mm



Workbench
Half locker
3mm Steel top

Code	Length	Height	Depth
050-010	1500mm	850mm	750mm
050-020	1800mm	850mm	750mm
050-030	2400mm	850mm	750mm



Workbench
Full locker
3mm Steel top

Code	Length	Height	Depth
052-010	1500mm	850mm	750mm
052-020	1800mm	850mm	750mm
052-030	2400mm	850mm	750mm



Workbench
Half locker 3 drawers
3mm Steel top

Code	Length	Height	Depth
054-010	1500mm	850mm	750mm
054-020	1800mm	850mm	750mm
054-030	2400mm	850mm	750mm

Bench vices



Bench vice
Heavy duty

Code	Jaws
056-010	100mm 4"
056-020	150mm 6"
056-030	200mm 8"



Bench vice
Extra heavy duty

Code	Jaws
058-010	100mm 4"
058-020	150mm 6"
058-030	200mm 8"

Vice stand



060-010
Bench vice stand
Suitable for 100mm, 150mm and 200mm bench vices

Bench grinders



Bench grinder
Medium duty

Code	Wheel
062-010	150mm
062-020	200mm



Bench grinder
Heavy duty

Code	Wheel
064-010	200mm
064-020	250mm

Bench grinder stand



066-010
Bench grinder stand
Suitable for 150mm, 200mm and 250mm bench grinders

Drill presses



Pedestal drill

Code	Voltage	Capacity	Chuck	Model
068-010	220V	16mm	16mm	Bench
068-020	220V	20mm	16mm	Floor
068-030	380V	32mm	16mm	Floor

Drill press vices



Drill vice
Heavy duty

Code	Throat
070-010	100mm
070-020	150mm

Presses



072-010
Hydraulic shop press
Bottle jack type. No gauge.
12 Ton
Stroke 150mm
Working capacity 0-910mm



072-020
Hydraulic shop press
Professional press with gauge
12 Ton
Stroke 150mm
Working capacity 0-910mm



072-030
Hydraulic shop press
Professional press with gauge
20 Ton
Stroke 170mm
Working capacity 0-910mm



072-040
Hydraulic shop press
Professional press with gauge
30 Ton
Stroke 150mm
Working capacity 0-960mm



072-060
Hydraulic shop press
Professional press with gauge
50 Ton
Stroke 190mm
Working capacity 0-800mm
Includes winch to lift or lower cradle

Coil spring compressors



074-030
Coil spring compressor
Floor standing hydraulic type
Capacity 1 Ton
Maximum length 480mm
Stroke 325mm
Spring diameter 100-254mm



074-050
Coil spring compressor
Floor standing pneumatic type
Capacity 1.5 Ton
Maximum length 400mm
Stroke 250mm
Spring diameter 100-200mm



074-010
Coil spring compressor
Professional unit pneumatically operated
Capacity 1.26 Ton

Coil spring compressors



074-040
Coil spring compressor
Capacity 1 Ton
Portable hydraulic type
Two sets shoes included



076-010
Coil spring compressor
Supplied complete with 3 sets of shoes.
Operation is very safe and fast to use.
Capacity more than 1100 Kg.



076-020
Coil spring compressor
External type. Two legs with double hooks on both sides. Pressure is evenly balanced and operation is safer.

Strut sockets



076-030
Coil spring compressor
External type. Includes three legs so that pressure is evenly balanced around the coil.



080-020
Strut nut kit
Designed to hold the damper shaft during the re-fitting and removal of strut nuts. Sizes 10.5, 12.5, 14, 14.5 and 14.5mm sockets.



080-030
Master strut kit
39 Piece. A complete set to remove or install shock absorbers.

Bearing seperators



Bearing separator	
Code	Size
082-010	30 - 50mm
082-020	50 - 75mm
082-030	75 - 105mm
082-040	105 - 150mm



080-040
Master strut kit
Shock absorber & MacPherson strut tool kit 24pc. Includes ratchet and extensions

Bearing pullers



Bearing puller 2 Jaw	
Code	Size
084-010	75mm
084-020	100mm
084-030	150mm
084-040	200mm
084-050	300mm



Bearing puller 3 Jaw	
Code	Size
086-010	75mm
086-020	100mm
086-030	150mm
086-040	200mm
086-045	250mm
086-050	300mm
086-060	400mm



Bearing puller 2 and 3 Jaw	
Code	Capacity
088-010	2 Ton
088-020	5 Ton

Bearing pullers



096-060
Bearing puller set
UNIVERSAL 2 & 3 LEG
250MM 6 PIECE



090-020
Bearing separator set
Includes 2 x Bearing separators



092-010
Hydraulic gear puller set
3 Sets of 3 and / or 2 leg pullers
1 Bearing separator
10 Ton hydraulic ram



096-050
Bearing puller set
Puller designed to insert legs between balls when it's impossible to grip from outside or inside



098-010
Slide hammer puller set
3 Jaw internal or external puller. Includes slide hammer. Capacity 15 to 80mm



096-020
Ribbed pulley puller
Clamps designed to clamp to most ribbed pulley's



096-030
Flange puller
Universal 2 or 3 position setup



096-040
Pilot bearing puller
12 - 38mm Capacity



098-020
Blind (inner) bearing puller
5 Piece
10 - 14, 15 - 19, 18 - 25, 25 - 32mm



098-030
Blind (inner) bearing puller
9 Piece
8 - 10, 10 - 12, 12 - 14, 15 - 17,
17 - 20, 20 - 24, 25 - 29, 30 - 32mm



098-040
Blind (inner) bearing puller set
16 Piece
8 - 11, 12 - 17, 18 - 23, 24 - 29, 30 - 34,
34 - 38, 39 - 43, 44 - 48, 49 - 53, 54 - 58mm
1 x Puller included

Hub / bearing pullers



100-010
Hub puller
Removes wheel hubs mounted on tapered axles. Three adjustable legs adjustable up to 190mm diameter.



100-020
Slide hammer hub puller set
Combination puller with 2 Kg steel slide hammer. Also converts into a 2 or 3 jaw internal or external puller.

Motorcycle magneto puller



636-010
Motorcycle magneto puller
Suitable for most motorcycles

Stud / Screw extractors



102-010
Screw extractor set
8 Piece.
Quick and easy to remove broken screws, pipes, bolts and studs. Sizes 3, 6, 8, 12, 14, 19, 25, 28mm



102-020
Screw extractor set
5 Piece.
Quick and easy to remove broken screws, pipes, bolts and studs. Sizes 7/64", 9/64", 5/32", 1/4", 19/64"



102-040
Scew extractor, drill and guide set
25 Piece.
Can be used to remove studs with sizes 5 to 16mm in diameter (3/16'' to 9/16'')



102-070
Stud Extractor Set
4 Piece.
Designed for working in hard to reach places. Sizes 6, 8, 10 & 12mm



102-080
Stud Extractor Set
11 Piece.
Designed for working in hard to reach places Sizes 5, 6, 7, 8, 10, 10.5, 11, 12, 14 & 16mm



102-060
Stud Extractor
1/2'' Drive.
Designed to remove studs 6 to 19mm in diameter

Nut splitters



102-130
Nut splitter
To split nuts when it's impossible to remove otherwise
Suitable for nuts from 5 to 16mm



102-160
Nut splitter set
To split nuts when it's impossible to remove otherwise
Set of four splitters.
Suitable for nuts from 9 to 27mm

Nut removers



102-140
Damaged bolt& nut extractor
4 Piece. Designed to remove damaged nuts and bolts. 1/2" Drive. 17mm, 19mm, 21mm & 22mm tube sockets with 80mm Drift.



102-150
Damaged bolt& nut extractor
10 Piece. Designed to remove damaged nuts and bolts. 3/8" Drive. 9, 10, 11, 12, 13, 14, 15, 16, 17, 19mm & 90mm Drift

Seal puller



104-010
Seal puller
300mm long
Suitable to remove oil and grease seals in automotive vehicles

Pick & hook sets



664-010
Mini pick and hook set
4 Piece
For removal of bushings, cotter pins, O-rings & seals. Curve hook, 45-degree hook, 90 degree hook, straight Pick.



664-020
Mini pick and hook set
6 Piece
For removal of bushings, cotter pins, O-rings & seals. Curve hook, 3 x 45-degree hook, 90 degree hook, straight Pick.

Seal / Bearing extractors / installers



104-100
Bearing removal tool kit
Front wheel drive 23 Piece
Installation of bearings or seals without damaging the bearing, seal or housing.

Seal / Bearing extractors / installers



104-040
Seal remover and installer set
20 Piece
Includes puller
Ideal for crank shaft and other oil seals



104-070
Bearing, seal and sleeve pull set
For installation of bearings and seals
Sizes from 34 to 82mm



104-060
Bearing and seal driver set
For installation of bearings and seals
39.5, 44.5, 50, 59, 63, 65, 72, 76, 81mm flanges



776-100
Fuel injector seal installer / remover
A set of fitting aids to enable the operator to correctly fit the Teflon seal (or ring) onto a BMW fuel injector prior to refitting the fuel injector to the cylinder
BMW N13, N14, N18, N20, N26, N43, N55, N63, N74, S55, S63, B38, B48



104-050
Wheel bearing extractor
For installing and removing wheel bearing as well as for installing wheel hubs. Adapter size: 35, 35, 37, 39, 40, 41, 42, 45mm
Ring size: 60, 62, 64, 66, 68, 72, 74, 80, 82, 84mm.



104-055
Bearing race and seal
driver set 52 piece
Installation of bearings or seals without damaging the bearing, seal or housing.
Size: 18-65mm with 1mm increments, and 74mm

Wheel balancers





106-010
Semi Automatic wheel balancer

Wheel cover included.
Automatic start and stop after 6 seconds.
Dynamic, static and mag rim programs included.
Self calibrating, and diagnostics program standard.
Special stick on MAG and hidden weight program included.
Includes cone adaptors, quick release nut, rim caliper, wheel weight plier and 4x4 cone.
Blind wheel and motor cycle adaptor optional.

106-020
Automatic wheel balancer

Wheel cover included.
Automatic start and stop after 6 seconds.
Rim distance and rim diameter recorded automatically.
Dynamic, static and mag rim programs included.
Laser beam included for very accurate positioning of the internal weight.
Self calibrating, and diagnostics program standard.
Special stick on MAG and hidden weight program included..
Includes cone adaptors, quick release nut, rim caliper, wheel weight plier and 4x4 cone.
Blind wheel and motor cycle adaptor optional.



106-030
Semi Automatic wheel balancer (Truck)

Wheel cover included.
Automatic start and stop.
Dynamic, static and mag rim programs included.
Self calibrating, and diagnostics program standard.
Includes cone adaptors, stud adaptors quick release nut, rim caliper, wheel weight plier, 4x4 and truck adaptors.
Pneumatic lifting bridge included.
380V Three phase.

Wheel balancer adaptors







108-010
Large cone (5th Cone)

To be used with wheels with very large center holes or on some small truck wheels

108-020
Flange

To be used together with the large cone for wheels with very large center holes or on some small truck wheels

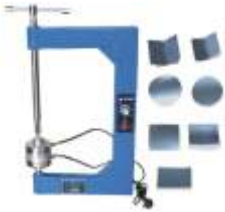
108-030
Motorcycle adaptor

Suitable for most motorcycle wheels including blind wheel balancing such as Harley Davidson wheels without spokes

108-050
Blind wheel adaptor

To be used with blind rims such as Peugeot / Renault or in the event of rim damage around center hole

Tyre repair equipment



121-010
Tyre vulcanizer

G-Clamp type. Suitable for car, 4x4 and light truck repairs.
Temperature controlled by thermostat with 7 moulds.



121-020
Tyre spreader

Suitable for car, 4x4 and lights truck tyres.
Mounted on stand for easy tyre inspection and repairs.

Mechanical wheel balancers



106-040
Bubble wheel balancer

Completely portable.
No power necessary.
Suitable for cars and 4 x 4 vehicles with centre hole.



106-050
Static motorcycle wheel balancer

Completely portable.
No power necessary.
Suitable for most motorcycle wheels.

Wheel weights



Standard wheel weights (Steel rims)		
Code	Weight	Quantity
110-005	5g	50
110-010	10g	50
110-015	15g	50
110-020	20g	50
110-025	25g	50
110-030	30g	50
110-035	35g	50
110-040	40g	50
110-045	45g	50
110-050	50g	50
110-055	55g	50
110-060	60g	50
110-065	65g	50
110-070	70g	50
110-075	75g	50
110-080	80g	50
Other weights available on request		



Mag wheel weights (Mag rims)		
Code	Weight	Quantity
112-005	5g	50
112-010	10g	50
112-015	15g	50
112-020	20g	50
112-025	25g	50
112-030	30g	50
112-035	35g	50
112-040	40g	50
112-045	45g	50
112-050	50g	50
112-055	55g	50
112-060	60g	50
Other weights available on request		



Stick on weights			
Code	Description	Colour	Quantity
114-010	Slim line	Silver	100
114-020	Slim line	Black	100
114-030	4 X 4	Silver	50
114-040	Jumbo	Silver	50



116-010
Wheel weight plier



Truck wheel weights		
Code	Type	Weight
116-085	Light	85g
116-115	Light	115g
116-170	Light	170g
116-200	Light	200g
117-085	Heavy	85g
117-115	Heavy	115g
117-170	Heavy	170g
117-230	Heavy	230g
117-280	Heavy	280g
117-340	Heavy	340g

Wheel balancer accessories



118-010
Wheel weight tray
16 Bins with panel



108-060
Wheel rim caliper
Calibrated in inches



Quick release nut for balancer
Supplied complete with cup

Code	Size
108-070	36mm
108-080	40mm

Tyre changers



120-010
Semi Automatic tyre changer
Complete with inflator and tyre lever.
230V Single phase
Capacity 10"- 24"



120-090
Automatic tyre changer
Tyre changer without help arm
Complete with tyre inflator and tyre lever.
230V Single phase
Capacity 10"- 24"



120-020
Automatic tyre changer
Tyre changer complete help arm for run-flat or tough low profile tyres.
Complete with tyre inflator and tyre lever.
230V Single phase
Capacity 10"- 24"



120-070
Automatic tyre changer
Tyre changer complete with help arm for run-flat or tough low profile tyres.
Machine has patented bead breaker system to break beads on very wide wheels.
230V Single phase
Capacity 10"- 24"



120-040
Semi Automatic tyre changer
Suitable for truck and bus tyres
Rims 14" to 26" diameter
380V Three phase



120-050
Semi Automatic tyre changer
Suitable for truck, bus, tractor and earth mover tyres
Rims 14" to 56" diameter
380V Three phase

Bead knocker



120-080
Manual tyre changer
Suitable for car and 4 x 4 tyres
Wheel diameter from 102 to 524mm
No electricity required. Must be bolted down.



126-010
Bead knocker
Suitable for truck, bus, tractor and earthmover tyres

Tubeless tyre levers



126-020
Tubeless truck tyre changing system
Suitable for truck and bus tubeless tyres

Motorcycle adaptors



122-010
Motorcycle and quad bike adaptors
Adaptors necessary to mount motorcycle tyres and quad tyres to car tyre changers

Rim protectors



124-010
Rim protection cover (Top part)
Cover clips over the metal wheel to protect mag rims from scratching



124-020
Rim protection cover (Bottom part)
Cover clips under the mounting head to protect mag rims from scratching



124-030
Rim protection covers (Clamps)
Sold as a set of four
Covers clip over the metal clamps on turntable to protect mag rims from scratching

Wheel lock remover sets



128-010
Wheel lock remover set (BMW)
21 Piece. Suitable to remove wheel locks on BMW wheels.



128-020
Wheel lock remover set (VW / Audi)
23 Piece. Suitable to remove wheel locks on VW and Audi wheels.



128-030
Wheel lock remover set (Mercedes Benz)
30 Piece. Suitable to remove wheel locks on Mercedes Benz wheels.

Tyre repair tools



130-010
Tyre valve tool
Double ended with large and small bore on either side



130-020
Snap in tool
To be used to insert tubeless valves on rims



130-030
Stitcher
To be used to roll patches or gaiters on to tubes and tyres



130-040
Spiral reaming tool
To be used to prepare hole before inserting tubeless plug



130-050
Insert tool
To be used to insert tubeless plug when repairing a tubeless tyre



130-060
Rasp
To be used to prepare tyres and tubes before repairing. Rasp adaptor not included and you need a die grinder with 6mm chuck to operate



130-070
Rasp adaptor
This adaptor in necessary to fit the onto so that the rasp can be used with a die grinder



199-570
Impact sockets scratch protected
17, 19 and 21mm



130-090
PCD Gauge
Suitable to measure 4, 5, 6 and 8 stud rims

Tyre repair consumables



Patches tube round

Code	Description	Quantity
132-010	No1	30
132-020	No2	30
132-030	No3	30
132-040	No4	30
132-050	No5	10



Universal patch (Nail hole)

Code	Description	Quantity
134-010	55mm	30
134-020	80mm	20



Radial repair patch (rectangular)

Code	Description	Quantity
136-010	R110	20
136-020	R112	20
136-030	R114	10
136-040	R120	10



Mushroom plugs

Code	Description	Quantity
138-010	CP5	20
138-020	CP7	20
138-030	CP9	50
138-040	CP12	50
138-050	CP15	25



Tubeless plugs

Code	Description	Quantity
140-010	Car	60
140-020	Truck	25



Cement

Code	Quantity
142-010	250ml
142-020	500ml



Tubeless repair kits
Includes reamer & insert tool

Code	Vehicle	Plugs
130-100	Car	60
130-110	Truck	25



144-010
Soft soap
25L Container
Necessary to lubricate tyres when fitting



144-020
Bead lube
5L
Necessary to lubricate tyres when fitting



146-010
Tyre marker (White)
Supplied in packets of 50



146-010
Tubeless valves TR414
Supplied in packets of 100



146-020
Valve cores
Supplied in packets of 100



Valve caps
Packets o ff100

Code	Colour	Function
146-030	Black	Standard
146-040	Green	Nitrogen

Wheel dolly's



148-020
Wheel dolly
1.2 Ton Capacity
Maximum lift 225mm



148-010
Wheel dolly
1 Ton Capacity
Maximum lift 225mm

Tyre cages



Safety tyre inflation cage
Tyre safety cage for
inflating truck tyres

Code	Height	Width	Length
150-010	1300mm	500mm	1800mm
150-020	1800mm	500mm	1800mm
150-030	2100mm	900mm	2000mm

Nitrogen generator



152-010
Nitrogen Generator
Produces nitrogen at 42 L/min
Pressure 8 Bar
Suitable for truck and car
wheels with built in 50L tank
Complete with automatic tyre
inflator / deflator

Tyre inflators





154-020
Automatic digital tyre inflator
220V Single phase. Indoor use.
Inflates or deflates tyres to the
selected pressure. Beeps when done.
Includes wall mounting bracket.

154-030
Automatic digital tyre inflator
220V Single phase. Outdoor use.
Inflates or deflates tyres to the
selected pressure. Beeps when done.
Includes wall mounting bracket



156-050
Tyre inflator digital
Digital tyre inflator.
Very accurate
with clip on connector
0 - 1200 kPa
0 - 12 Bar



156-030
Tyre inflator
Liniar type
Used in most driveways
and workshops
0 - 960 kPa
0 - 9.6 Bar



156-020
Tyre inflator
Liniar type
Used in most driveways
and workshops
0 - 960 kPa
0 - 9.6 Bar



156-040
High pressure tyre inflator
Liniar type
Used where high pressure
inflation is necessary
0 - 2100 kPa
0 - 21 Bar

Tyre inflator parts



Hold on connector	
Code	Closed / Open
158-010	Open end
158-020	Closed end



Twin connector (tip)	
Code	Closed / Open
158-030	Open end



158-050
Clip on connector
Open end
1/4" BSP Female thread

Tyre pressure gauges



160-010
Tyre pressure gauge
0 - 1200 kPa
0 - 12 Bar
With twin hold on connector



160-060
Tyre Pressure gauge
Pocket type
0.5-3.5 Bar
50-350kPa



160-070
Tyre Pressure gauge
Pocket type with twin connector
0.8-8.2 Bar
80-820kPa



160-050
Tyre pressure gauge
Dial type
0.5-4.5 Bar
50-450kPa

Tyre tread depth gauges



160-040
Digital Tyre pressure & tread depth gauge
Digital LCD display
Change beween PSI & kPa or mm & Inches



162-010
Tyre tread depth gauge
Pocket type

Nut remover (multiplier)



164-010
Truck wheel nut remover
Nut multiplier
Ratio 1:56
Weight 8.6Kg

Bead blaster (seater)



166-010
Bead blaster (bead seater)
Helps seating the bead in seconds when inflating tubeless tyres
20 L Tank

Air hose



Rubber hose	
Code	Internal diameter
168-010	6mm
168-020	8mm
168-030	10mm
168-040	13mm
Sold per meter. Maximum length 100m	



Polyurethane hose	
Code	Internal diameter
170-010	6mm
170-020	8mm
170-030	10mm
170-040	13mm
Sold per meter. Maximum length 100m	

Blow guns (air dusters)



172-010
Blow gun (air duster)
Plastic with long spout



172-020
Blow gun (air duster)
Metal

Tyre buffer



234-010
Tyre buffer
2500RPM. Ideal to prepare tyres and tubes for puncture repairs

Wheel aligners



174-012
Computerized 3D wheel alignment system with fixed boom
Wheel aligner with fixed boom, ideal for pit installations
174-014
Computerized 3D wheel alignment system with automatic boom
Wheel aligner with automatic boom, ideal for lift installations

Complete with large colour monitor, keyboard, printer, mouse, turntables, brake depressor, steering holder and chocks.
2 optical 3D camera system.
No need to lift vehicle for run-out compensation and periodic calibration.
Fast, accurate and reliable.



174-030
Laser wheel aligner for trucks and trailers
Includes two light alloy heads to measure camber and caster. Eight targets to measure toe and thrust-line on various parts of the truck / trailer such as kingpin, draw-bar or chassis. Heavy duty set of turntables included. Wheel alignment can be done on any flat surface and takes only a few minutes to set up. Readings are accurate and reliable.

Wheel alignment tools



176-040
Camber, caster, KPI gauge
Magnetic type
For accurate readings it's recommended to use the gauge together with turntables



176-050
Camber gauge
Ideal for measuring Camber when doing strut aligning



176-060
Side slip alignment gauge
By driving over the gauge toe-in / out can be determined within seconds

Wheel alignment accessories



176-030 **176-035**
Turntable set Turntable set
Cars and 4 x 4 Trucks
Sold in pairs.
Complete with radius gauge.
Full floating type



176-020
Brake pedal depressor
Necessary to press the brake when doing the castor and KPI swing.



176-010
Steering wheel holder
Necessary to align and lock steering wheel when adjusting individual toe.

Pit rack



178-010
Pit rack with scuff plates
Suitable to be installed in a pit.
Manufactured to specifications.
Scuff plates included but turntables excluded.

Toe in gauge



174-020
Laser toe in / out gauge (Optical type)
Optical toe in / out gauge. Laser beam for accurate readings. Can be used on level floor. No need for use on lift or pit.

Extended slip plates



178-020
Extended slip plates
(Ramp top conversion)
Includes scuff plates.
Suitable to install above lift platform or where drive on ramps on pit exists.
Manufactured to specifications.
Scuff plates included but turntables excluded.

Wheel alignment shims



Shims (Car & truck)			
Code	Vehicle	Thickness	Weight box
180-010	Car	0.5mm	700g
180-020	Car	1mm	700g
180-030	Car	2mm	700g
180-040	Car	3mm	700g
180-050	Car	4mm	700g
180-060	Car	5mm	700g
180-070	Truck	1mm	700g
180-080	Truck	2mm	700g
180-090	Truck	3mm	700g

Tie rod tools



Inner tie rod tool	
Code	Size
182-010	33-42mm
182-020	42-50mm



182-030
Tie rod end remover & installer
Removal and replacement of inner steering ball joints. Range 30 to 35mm, 35 to 40mm and 40 to 45mm

Ball joint pullers



184-120
Ball joint puller for cars
Jaw width 20mm



184-010
Ball joint puller for cars
Jaw width 22mm



184-080
Outer tie rod puller



184-100
Ball joint puller for trucks
Jaw width 32mm



184-110
Ball joint puller for cars and trucks
Jaw width 20mm cars
Jaw width 32mm trucks



184-090
Ball joint puller for cars
Jaw width 17mm



184-130
Ball joint remover / installer
Heavy duty type suitable
21 Piece



184-040
Pitman arm puller
Width 33mm
Stroke 64mm



184-070
Front end service tool kit
6 Piece

Tie rod / ball joint splitters

Hub pullers



184-050
Tie rod splitter
Jaw opening 17mm
Length 300mm



184-055
Tie rod / ball joint splitter set
5 Piece.
To be used with hammer



184-060
Tie rod / ball joint splitter set
5 Piece.
Can be used with hammer or pneumatic hammer



100-010
Hub puller
Removes wheel hubs mounted on tapered axles. Three adjustable legs adjustable up to 190mm diameter.



100-020
Slide hammer hub puller set
Combination puller with 2 Kg steel slide hammer. Also converts into a 2 or 3 jaw internal or external puller.



186-010
Hub puller VW / Audi (Polo and A2)
Hub puller for bearings on VW Polo and Audi A2 with or without ABS



186-020
Hub puller VW T5
Hub puller for bearings on VW T5 with or without ABS

Compressors (piston)



188-010
Compressor
1.5HP 1,1KW
220V Single phase
24L tank
Direct coupled



188-020
Compressor
2HP 1,5KW
220V Single phase
50L tank
Direct coupled



188-030
Compressor V-Twin
3HP 2.2KW
220V Single phase
100L tank
Direct coupled



188-040
Compressor V-Twin
3HP 2.2KW
220V Single phase
150L tank
Belt driven



188-050
Compressor 3 Cyl
3HP 2.2KW
220V Single phase
150L tank
Belt driven



188-060
Compressor petrol
11HP
4 Stroke petrol
100L tank
Belt driven



190-010
Compressor 2 Cyl
3HP 2.2KW
220V Single phase
150L tank
Belt driven



190-020
Compressor 2 Cyl
5.5HP 4KW
380V Three phase
200L tank
Belt driven



190-030
Compressor 2 Cyl
7.5HP 5.5KW
380V Three phase
270L tank
Belt driven

Compressors (screw)



190-040
Compressor 2 Cyl
10HP 7.5KW
380V Three phase
270L tank
Belt driven



192-010
Compressor screw
10HP 7.5KW
380V Three phase
270L tank



192-020
Compressor screw
20HP 15KW
380V Three phase
500L tank

Hose reels (air)



194-010 Air hose reel (Blue)
Hose length 20m 3/8" BSP fitting PVC hose. Pressure 20Bar Includes swivel bracket



194-030 Air hose reel
Hose length 15m x 8mm ID 1/4" BSP fitting Polyurethane hose Metal reel

Filters / Regulators / Lubricators



194-040 Air hose reel
Hose length 15m Polyurethane hose Includes swivel bracket



194-050 Air hose reel
Hose length 9m x 8mm ID 1/4" BSP fitting Polyurethane hose Swivel bracket included



Filter, regulator, lubricator & gauge	
Code	Thread
196-010	1/4"
196-020	1/2"
196-030	1"

Filters



Filter	
Code	Thread
198-010	1/4"
198-020	1/2"
198-030	1"

Regulators



Filter, regulator & gauge	
Code	Thread
200-010	1/4"
200-020	1/2"
200-030	1"



Regulator & gauge	
Code	Thread
202-010	1/4"
202-020	1/2"
202-030	1"

Lubricators



Lubricator	
Code	Thread
204-010	1/4"
204-020	1/2"
204-030	1"

Hose clamps



Hose clamps			
Code	Size	Code	Size
206-010	3-13mm	**206-015**	6-17mm
206-020	10-22mm	**206-025**	15-27mm
206-030	14-32mm	**206-035**	17-38mm
206-040	19-44mm	**206-045**	25-51mm
206-050	32-57mm	**206-055**	38-63mm
206-060	44-70mm	**206-065**	51-76mm
206-070	57-82mm	**206-075**	63-89mm
206-080	70-95mm	**206-085**	75-102mm



2 Ear clamps	
Code	Size
208-010	9-11mm
208-020	11-13mm
208-030	13-15mm
208-040	15-18mm

Quick couplers



Quick coupler
Female thread

Code	Thread
210-010	1/4”
210-020	3/8”
210-030	1/2”



Quick coupler
Male thread

Code	Thread
212-010	1/4”
212-020	3/8”
212-030	1/2”



Quick coupler
Hose barb

Code	Barb
214-010	6mm
214-020	8mm
214-030	10mm
214-040	12mm

Inserts



Insert
Male thread

Code	Thread
216-010	1/8”
216-020	1/4”
216-030	3/8”
216-040	1/2”



Insert
Female thread

Code	Thread
218-010	1/8”
218-020	1/4”
218-030	3/8”
218-040	1/2”



Insert
Hose barb

Code	Barb
220-010	6mm
220-020	8mm
220-030	10mm
220-040	13mm

Hose connectors





Hose connector
Male thread

Code	Thread	Barb	Code	Thread	Barb
222-010	1/8”	6mm	**222-090**	3/8”	6mm
222-020	1/8”	8mm	**222-100**	3/8”	8mm
222-030	1/8”	10mm	**222-110**	3/8”	10mm
222-040	1/8”	13mm	**222-120**	3/8”	13mm
222-050	1/4”	6mm	**222-130**	1/2”	6mm
222-060	1/4”	8mm	**222-140**	1/2”	8mm
222-070	1/4”	10mm	**222-150**	1/2”	10mm
222-080	1/4”	13mm	**222-160**	1/2”	12mm



Hose connector
Female thread

Code	Thread	Barb	Code	Thread	Barb
224-010	1/4”	6mm	**224-070**	3/8”	10mm
224-020	1/4”	8mm	**224-080**	3/8”	13mm
224-030	1/4”	10mm	**224-090**	1/2”	6mm
224-040	1/4”	13mm	**224-100**	1/2”	8mm
224-050	3/8”	6mm	**224-110**	1/2”	10mm
224-060	3/8”	8mm	**224-120**	1/2”	13mm

226-010
Hose connector
Straight (2 Way)
8mm



226-020
Hose connector
T Type (3 Way)
8mm



226-030
Hose connector
Y Type (3 Way)
8mm



226-040
Hose connector
+Type (4 Way)
8mm

Impact wrenches



228-030
Impact wrench kit with sockets 1/2" drive
Capacity 310Nm. Includes 10 impact sockets 9, 10, 11, 13, 14, 17, 19, 22, 24, 27mm, 125mm extension and an in line lubricator.



228-010
Impact wrench 1/2" drive
Capacity 310Nm. 1/2" drive.



228-020
Impact wrench 1/2" drive
Capacity 567Nm. 1/2" drive. Twin hammer super strong.

Ratchet wrenches (nut runners)



228-040
Impact wrench 3/4" drive
Capacity 949Nm. 3/4" drive. Heavy duty.



228-050
Impact wrench 1" drive
Capacity 2440Nm. 1" drive. Super duty. 6" Anvil.



230-010
Ratchet wrench 3/8" drive
Capacity 69Nm. 3/8" drive.

Die grinders



230-020
Ratchet wrench 1/2" drive
Capacity 69Nm. 1/2" drive.



232-030
Die grinder kit 6mm
Kit includes a 3mm collet. 25000 RPM. Small in size and light weight. 10 Grinding stones included



232-010
Die grinder 6mm
6mm Collet. 25000 RPM. Small in size and light weight.

Tyre buffer



232-020
Die grinder 6mm
6mm Collet. 4000 RPM. Small in size and light weight.



234-010
Tyre buffer
2500RPM. Ideal to prepare tyres and tubes for puncture repairs



234-020
Tyre buffer wheel
Wheel is included with tyre buffer but available loose if required

Drills



236-010
Reversible drill 10mm
Chuck size 10mm. Speed 1800RPM. Reversible.



236-020
Reversible drill 13mm
Chuck size 13mm. Speed 550RPM. Reversible.

Angle grinders



238-010
Angle grinder 115 and 125mm
10 000RPM. Suitable for 115mm and 125mm cutting and grinding discs.



238-020
Angle grinder 180mm
8 400RPM. Suitable for 180mm cutting and grinding discs.

Cutter



240-010
Steel cutter 76mm
Ideal for body panels. 20 000RPM. Small in size and light weight.

Saw



242-010
Reciprocating saw
Ideal for body panels and exhaust tubing. Capacity 1.6mm (steel), 2mm aluminium

Sanders



Saw blades (Reciprocating saw)

Code	TPI	Packet
242-020	32	5



244-010
Orbital sander
Pad size 95 x 175mm. Very comfortable to use with palm grip for one hand operation. Uses 1/3 abrasive sheets.



244-020
Random orbital sander
4.8mm Orbits. 150mm Pad with 6 holes. Very comfortable to use with palm grip for one hand operation. Port included for dust extraction.



244-030
Random orbital sander
2.4mm Orbits. 150mm pad with 6 holes. Very comfortable to use with palm grip for one hand operation.



244-040
Random orbital sander with exhaust tube
2.4mm Orbits. 150mm pad with 6 holes. Very comfortable to use with palm grip for one hand operation. Hose included for dust extraction.



244-070
Sanding pad for random orbital sander
6 Hole with hook & loop. 150mm x 5/16 UNF

Sanders



244-050
Random orbital sander 50mm
50mm pad. Light weight, small and comfortable to use for small jobs.



244-080
Sanding pad for random orbital sander
Hook & loop. 50mm x 5/16 UNF



244-060
Random orbital sander 150mm
Pad size 150mm. Suitable for automotive sanding and woodworking work.

Polisher



244-090
Sanding pad for random orbital sander
Hook & loop. 150mm x 5/16 UNF



246-010
Angle polisher 180mm
Pad size 180mm. Suitable for automotive work. Slow speed.



246-020
Backing pad for polisher
180mm

Nailers



246-030
Sheep's wool buff for polisher
180mm



248-010
Nail gun (18 gauge (1.25mm) nails)
Maximum thickness 18 gauge. Length of nails 10 to 32mm. Maximum capacity 100 nails.



248-020
Nail gun (16 gauge (1.65mm) nails)
Maximum thickness 16 gauge. Length of nails 15 to 50mm. Maximum capacity 100 nails.

Stapler





250-010
Stapler (21 g (0.6mm) staples)
Maximum thickness 21 gauge (0.6mm). Length of staples 6 to 16mm. Maximum capacity 125 nails. Crown width 12.7mm



Nails

Code	Gauge	Length	Qty
248-030	18	15mm	5000
248-040	18	20mm	5000
248-050	18	25mm	5000
248-060	18	30mm	5000
248-070	16	25mm	2500
248-080	16	32mm	2500
248-090	16	38mm	2500
248-100	16	45mm	2500
248-110	16	50mm	2500

Staples 21 Gauge

Code	Length	Qty	Code	Length	Qty
250-020	4mm	10000	**250-050**	10mm	5000
250-030	6mm	5000	**250-060**	12mm	5000
250-040	8mm	5000	**250-070**	14mm	5000

Riveter



Riveter (Pneumatic) Container on rear holds mandrels after riveting	
Code	Capacity
252-010	2.4 to 4.8mm
252-020	2.4 to 6.35mm

Aluminium rivets 100 per packet		
Code	Thickness	Length
252-030	3.2mm	6mm
252-040	3.2mm	8mm
252-050	3.2mm	10mm
252-060	4.0mm	6mm
252-070	4.0mm	8mm
252-080	4.0mm	10mm
252-090	4.8mm	8mm
252-100	4.8mm	10mm
252-110	4.8mm	12mm
252-120	3.2mm	12mm
252-130	3.2mm	15mm
252-140	3.2mm	18mm
252-150	4.0mm	12mm
252-160	4.0mm	15mm
252-170	4.0mm	18mm
252-180	4.8mm	15mm
252-190	4.8mm	18mm
252-200	4.8mm	21mm

Needle scaler





254-010 Needle scaler
Ideal for removing paint, cement, rust and welding on uneven surfaces. 2800BPM. 12 Needles.

Grinding discs





Grinding disc (steel) for angle grinder		
Code	Diameter	Width
256-010	100mm	4.5mm
256-020	115mm	6mm
256-030	125mm	6mm
256-040	230mm	6mm

Cutting disc (steel) for angle grinder or cut off saw					
Code	Diameter	Width	Code	Diameter	Width
258-010	76mm	1.1mm	258-100	125mm	1.6mm
258-020	100mm	1mm	258-110	125mm	2.5mm
258-030	100mm	3mm	258-120	180mm	2.5mm
258-040	115mm	0.8mm	258-130	230mm	1.6mm
258-050	115mm	1mm	258-140	230mm	2mm
258-060	115mm	1.6mm	258-150	230mm	2.5mm
258-070	115mm	2.5mm	258-160	230mm	3mm
258-080	115mm	3mm	258-170	350mm	3mm
258-090	125mm	1.2mm	258-180	400mm	3mm

Cutting discs



Cutting disc (masonry) for angle grinder or tile / brick cutter		
Code	Diameter	Width
260-010	115mm	1mm
260-020	115mm	1.6mm
260-030	115mm	2mm
260-040	115mm	2.5mm
260-050	115mm	3mm
260-060	125mm	2.5mm
260-070	230mm	2mm
260-080	230mm	2.5mm
260-090	230mm	3mm
260-100	350mm	3mm

Grinding wheels



Grinding wheel for bench grinder			
Code	Diameter	Width	Grit
262-010	150mm	20mm	36
262-020	150mm	20mm	46
262-030	150mm	20mm	60
262-040	200mm	20mm	36
262-050	200mm	20mm	46
262-060	200mm	20mm	60
262-070	200mm	25mm	36
262-080	200mm	25mm	46
262-090	200mm	25mm	60

Wire wheels



Wire wheel for bench grinder					
Code	Diameter	Width	Code	Diameter	Width
264-010	100mm	12mm	264-070	150mm	25mm
264-020	100mm	20mm	264-080	200mm	20mm
264-030	100mm	25mm	264-090	200mm	25mm
264-040	127mm	12mm	264-100	250mm	25mm
264-050	127mm	19mm	264-110	250mm	40mm
264-060	150mm	19mm	264-120	305mm	50mm

Wire brushes



Wire brush for drill or die grinder	
Code	Diameter
266-010	6mm
266-020	15mm
266-030	20mm
266-040	25mm

Wire cup brushes





Wire cup brush for angle grinder			
Code	Diameter	Code	Diameter
268-010	60mm	268-050	120mm
268-020	76mm	268-060	140mm
268-030	85mm	268-070	150mm
268-040	100mm		

Wire cup brush with 6mm shaft for drill or die grinder			
Code	Diameter	Code	Diameter
270-010	50mm	270-030	75mm
270-020	65mm	270-040	85mm

Wire brush sets





272-010 Wire brush decarbon set
4 Piece

272-020 Wire brush decarbon set
7 Piece

Impact drills





290-010
Impact drill 650W 13mm
Variable electronic speed with forward and reverse direction. 650W Power. 13mm Geared chuck

290-020
Impact drill 1300W 13mm
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 1300W Power. 13mm Geared chuck. Mechanical safety clutch included.

Hammer drills



290-030
Rotary hammer drill 800W 24mm (masonry)
Variable electronic speed with forward and reverse direction. 2.3J Chiseling capacity. 800W Power. SDS chuck. Capacity 24mm masonry.



290-040
Rotary hammer drill 1100W 24mm (masonry)
Variable electronic speed with forward and reverse direction. 2.8J Chiseling capacity. 1100W Power. SDS chuck but also a standard quick change keyless 13mm included. Capacity 24mm masonry.

Mag base drill



292-010
Mag base drill 1000W 32mm (Steel)
Broach cutter adaptor included. 1000W Power. 16mm Geared chuck and chuck adaptor available.

Die grinder



294-010
Die grinder 710W 6mm chuck
Variable electronic speed 10 000 to 30 000RPM. 710W Power. 6mm chuck.

Impact wrench



296-010
Impact wrench 650W 600Nm 1/2" Drive
650W Power. 600Nm torque. 2100 RPM speed.

Angle grinders



298-010
Angle grinder 115mm 850W
Angle grinder 115mm capacity. 850W Power.



298-020
Angle grinder 115mm 1100W
Angle grinder 115mm capacity. 1100W Power.

Angle grinders



298-030
Angle grinder 230mm 2200W
Angle grinder 230mm capacity. 2200W Power.



298-040
Angle grinder 230mm 2600W
Angle grinder 230mm capacity. 2600W Power.

Cut off saw



300-010
Cut off saw 355mm 2300W
Cut off saw 355mm blade. 2300W Power.

Heat gun



302-010
Heat gun 2000W 3 Speed
Three speed 150 / 300 / 500L/min. Temperature Temperature 80 to 600°C.

Glue gun



304-010
Glue gun
Non drip nozzle.
Capacity 18g/min. 11W.

Screwdriver / drill



306-010
Cordless drill / screwdriver 12V
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 10mm keyless chuck. 2 x 12V 2Ah Li-Iron batteries with fast charger. Maximum torque 40Nm.

Screwdriver impact drill



306-020
Cordless drill / impact drill 18V
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 13mm keyless chuck. 2 x 18V 2Ah Li-Iron batteries with fast charger. Maximum torque 50Nm.



306-030
Cordless drill / impact drill 18V
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 13mm keyless chuck. 2 x 18V 4Ah Li-Iron batteries withfast charger. Maximum torque 60Nm.



306-040
Cordless drill / impact drill 18V
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 13mm keyless chuck. 2 x 18V 5.2Ah Li-Iron batteries with fast charger. Maximum torque 120Nm.

Hammer drill



308-010
Cordless rotary hammer drill 24mm (masonry)
Variable electronic speed with forward and reverse direction. 2.2J Chiseling capacity. SDS chuck but also a standard quick change keyless 13mm chuck included. Capacity 24mm masonry. No batteries or charger included.

Battery charger



310-010
Li-Iron 12 to 36V battery charger
Fast charger, air cooled

Batteries



Li-Iron battery		
Code	Voltage	Amp Hour
310-020	12V	2.0Ah
310-030	12V	4.0Ah
310-040	18V	2.0Ah
310-050	18V	4.0Ah
310-060	18V	5.5Ah
310-070	18V	8.0Ah
310-080	18V	10.0Ah
310-090	36V	5.2Ah
310-100	36V	6.2Ah

Impact wrench



Cordless impact wrench	
Code	Torque
312-010	300Nm
312-020	400Nm
312-030	600Nm

Angle grinders



314-010
Cordless angle grinder 115/125mm 18V
115 / 125mm. No load speed 9000RPM.



314-020
Cordless angle grinder 230mm 36V
230mm. No load speed 6600RPM.
Battery not included.

Impact drills



290-050
Impact drill 850W 13mm
Variable electronic speed with forward and reverse direction. 850W Power. 13mm Geared chuck.



290-060
Impact drill 1010W 13mm
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 1010W Power. 13mm Geared chuck. Aluminium durable gearbox. Professional use.

Hammer drills



290-070
Rotary hammer drill 800W 26mm (masonry)
Variable electronic speed with forward and reverse direction. 2.5J Chiseling capacity. 800W Power. SDS chuck. Capacity 26mm masonry.

Reciprocating saw



290-080
Rotary hammer drill 800W 26mm (masonry)
Variable electronic speed with forward and reverse direction. 2.5J Chiseling capacity. 800W Power. SDS chuck but also a standard quick change keyless 13mm included. Capacity 26mm masonry.



290-090
Rotary hammer drill 1500W 32mm (masonry)
Forward and reverse direction. Mechanical gearbox 5.5J Chiseling capacity. 1500W Power. Industrial quality. SDS chuck. Capacity 32mm masonry.



299-010
Reciprocating saw 750W
Variable electronic speed 900 to 3300RPM. 750W Power. Includes 2 blades.

Impact wrench



296-020
Impact wrench 1050W 550Nm 1/2" Drive
1050W Power. 550Nm torque. 2300 RPM speed. Includes 6 impact sockets 17, 18, 19, 21, 23 and 24mm. 125mm Extension included.

Angle grinders



298-050
Angle grinder 115mm 750W
Angle grinder 115mm capacity. 750W Power.



298-060
Angle grinder 230mm 2400W
Angle grinder 230mm capacity. 2400W Power.

Circular saw



299-020
Circular saw 185mm 1600W
Circular saw 185mm. 1600W Power. .
Includes 1 x 185mm blade.

Jig saw



299-030
Jig saw 570W
Jig saw. 570W Power.
Includes 3 free blades.
Variable speed 800 - 3000RPM.
Includes 3 free blades.

Cut off saw



300-020
Cut off saw 355mm 2400W
Cut off saw 355mm blade. 2400W Power.

Heat guns



302-030
Heat gun 2 Speed
Two speed. Temperature 300 / 550 °C. Airflow 100 / 200 L/min.
No battery or charger included.



302-040
Heat gun 2 Speed
Two speed. Temperature 300 / 550 °C. Airflow 100 / 200 L/min. One 4Ah battery, charger and case included.

Cordless drill



306-050
Cordless drill 20V
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 10mm keyless chuck. Maximum torque 45Nm.
Battery and charger not included.

Impact wrench



312-040
Cordless impact wrench 1/2" Drive
Variable electronic speed with forward and reverse direction. 1/2" with 19 and 21mm sockets included. 2 x 20V 2Ah Lithium-Iron batteries with fast charge and case included. Maximum torque 300Nm.

Impact drills



306-060
Cordless impact drill 20V
Variable electronic speed with forward and reversedirection. 2 Speed mechanical gearbox. 10mm keyless chuck. 2 x 20V 2Ah Lithium-Ion batteriesand fast charger. Maximum torque 45Nm. Bit 65mm with 3 masonry drills and case included.



306-070
Cordless impact drill 20V
Variable electronic speed with forward and reverse direction. 2 Speed mechanical gearbox. 13mm keyless chuck. 2 x 20V 2Ah Lithium-Ion batteries and fast charger. Maximum torque 60Nm.
Bit 65mm with 3 masonry drills and bag included.

Hammer drills



308-020
Cordless rotary hammer drill
Variable electronic speed with forward and reverse direction. 2.5J Chiseling capacity. SDS chuck. Includes 6, 8 and 10mm masonry drills and one chisel. Capacity 26mm masonry. No batteries or charger included. Takes 20V batteries.



308-030
Cordless rotary hammer drill
Variable electronic speed with forward and reverse direction. 2.5J Chiseling capacity. SDS chuck. Includes 6, 8 and 10mm masonry drills and one chisel. Capacity 26mm masonry. Two 4Ah batteries, charger and case included. 20V batteries.

Batteries



Li-Iron batteries		
Code	Voltage	Amp Hour
310-110	20V	2.0Ah
310-120	20V	4.0Ah
310-130	20V	5.0Ah

Battery charger



Li-Iron battery chargers		
Code	Voltage	Amp Hour
310-140	20V	2.0Ah
310-150	20V	4.0Ah
310-160	20V	8.0Ah

Angle grinders



314-030
Cordless angle grinder 115mm 20V
115mm. No load speed 3000-8500rpm. Voltage 20V. No battery and charger included.



314-040
Cordless angle grinder 115mm 20V
115mm. No load speed 3000-8500rpm. Voltage 20V. 4Ah battery and charger included. 10 Cutting discs included.

Brake lathes







316-020
On car and off car disc brake lathe
It is possible to mount disc directly onto the lathe. Earn more income by clients dropping off discs for skimming. Also possible to cut discs directly on the vehicle. Complete with heavy duty drive motor mounted on adjustable stand, cutting lathe with universal fittings, alignment tools, cutting bits and manual. Easy to use.

316-010
On car disc brake lathe
Complete with heavy duty drive motor mounted on adjustable stand, cutting lathe with universal fittings, alignment tools, cutting bits and manual. Easy to use.

Brake tester



316-030
Off car / truck
Drum, disc brake and flywheel lathe
Complete with stand and all accessories
Disc diameter 102-610mm
Disc width up to 73mm
Drum diameter 152-711mm
Drum depth up to 229mm
220V 50Hz Single phase

318-010
Brake tester
Decelerometer that allows the execution of braking efficiency tests on the road for light and heavy vehicles with convenient Bluetooth connection

Brake bleeders







322-010
Brake bleeder / vacuum tester
Suitable to bleed brakes with one person and to test vacuum related systems accurately.

454-010
Brake bleeder / vacuum system tester
Suitable to bleed brakes with one person and to test vacuum and pressure related systems accurately.

322-020
Brake / clutch bleeder (pressure method)
Suitable to bleed brakes and clutches with one person. Can be used on ABS brakes.







322-050
Brake bleeder vacuum type
Uses standard workshop air supply. Quick clean and efficient operation. Does not require specialised brake reservoir caps. Draws the brake fluid from brake nozzle
Flexible rubber joint for fluid extractions. Fluid bottle 1 x 1L

322-040
Brake bleeder vacuum type
Uses standard workshop air supply
Quick clean and efficient operation
Does not require specialised brake reservoir caps
Draws the brake fluid from brake nozzle
Flexible rubber joint for fluid extractions
Fluid bottles 1 x 750ml and 1 x 1L

322-030
Brake bleeder pressure type
Suitable for bleeding brake and clutch systems for vehicles with an ABS system
One-man operation
Low pressure tank (10-40PSI) can be pre-charged with compressed air-making the unit fully portable
Supplied with a range of adaptors

Brake tools



330-010
Brake spring plier
Tool easily removes and installs shoe return springs on most drum brakes



330-020
Brake adjuster
To adjust brake drum shoes



330-030
Brake spring washer tool
To remove and install stubborn hold-down springs. Suitable for spring washers 5/8" to 7/8" (12 – 22mm) in diameter



330-050
Brake pad thickness gauge
2 to 12mm



330-040
Brake drum wear gauge
Metric and imperial scale
160 to 400mm



320-010
Disc brake separator
Maximum opening 65mm



320-020
Wind back tool
Cube
6 Popular sizes



320-030
Brake Piston Wind Back Tool Set
Reset the brake piston when changing the brake pad
With universal adapter, to be operated with T-handle or 19mm wrench



320-040
Brake wind back tool
11 Piece. Suitable for most popular vehicles.



320-050
Brake wind back tool
18 Piece. Very comprehensive set suitable for most vehicles. Includes left and right threaded tools.



320-060
Brake wind back tool
21 Piece. Very comprehensive set suitable for most vehicles. Includes left and right threaded tools.

Brake fluid testers







324-010
Brake fluid tester
Detects moisture in DOT 3, 4 and 5 brake fluid. Easy to read 3 colour LED display 5 brake fluid.

324-030
Brake fluid tester
Digit display on the moisture in Brake fluid.
6 LEDS indicate the status of brake fluid
Brake fluids selection: DOT3, DOT4 and DOT 5.1
Warning sounds if the digit is over 3%
Just insert probe and press button for immediate result.

324-020
Brake service & inspection kit
Kit includes brake fluid tester, disc brake vernier, tyre tread gauge and disc pad thickness gauge

Brake cylinder hones







328-010
Brake cylinder hone
Two stone 13 to 64mm

328-020
Brake cylinder hone
Three stone 19 to 64mm

Stone sets	
Code	Set
328-030	Two stone
328-040	Three stone

Ball hones



Brake cylinder hone
Professional ball type

Code	Size	Range	Grit
326-010	12mm	10 - 14mm	180 grit
326-020	14mm	12 - 16mm	180 grit
326-030	16mm	14 - 18mm	180 grit
326-040	18mm	16 - 20mm	180 grit
326-050	20mm	18 - 22mm	180 grit
326-060	22mm	20 - 25mm	180 grit
326-070	25mm	22 - 29mm	180 grit
326-080	29mm	25 - 35mm	180 grit
326-090	35mm	29 - 41mm	180 grit

Other sizes and grits available on request

Flaring tools





542-010
Flaring tool
Double or single flare in copper, aluminum and soft steel tubing
3/16", 1/4", 5/16", 3/8", 1/2"

542-020
Flaring tool (Heavy Duty)
Double or single flare in copper, aluminum and steel tubing
4.75, 5, 6, 8, 9, 10 mm

542-030
Flaring tool (Extra Heavy Duty)
Hydraulic type
Double or single flare in copper, aluminum and steel tubing
Metric and imperial
4.75, 6, 8 and10 mm
5/16", 3/8", 3/16", 1/2" and 1/4"



Valve refacer



332-010
Valve refacer
230 V Single phase. Machine is complete with stone dresser. Cut valves with stem diameter from 5 - 18 mm. Special design, no need for collets to clamp valve stems.

Valve seat grinder



334-010
Valve seat grinder
Machine is complete with self centering pilots and grinding wheels 26 - 63 mm diameter. Stone dresser included to reface grinding wheels. 220V Single phase.

Valve seat cutter



334-020
Valve seat cutting tool
Precision machined tungsten carbide blades produce valve seats with accurate seat angles, superior surface and true flat seal. Seats concentric with valve guide.

Valve lappers



334-030
Oscillating valve lapper
Unique mechanism converts rotary drill action to oscillating grinding motion. 22/28mm sucker head fits most valves.



334-040
Double-ended valve grinder set
Suitable for grinding most engine valves. Suction cup sizes: 15, 20, 28, 34mm.

Valve spring tester



336-010
Valve spring compressor
0 - 700 lbs/in
0 - 320 Kg/in

Block testers



338-010
Block tester
Testing kit to check cylinder heads and blocks for cracks and / or blown gaskets



338-020
Block testing fluid
Additional fluid to be used with block tester. Recommended to keep fluid refrigerated to extend shelf life

Valve spring compressors



340-010
Universal Valve Spring Installer & Remover Set
Applications: Audi, Citroen, Fiat, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Toyota, Vauxhall, VW, Volvo



340-020
Universal Valve Spring Installer & Remover Set
Used for removing and installing valve spring
Applications: Audi, Citroen, Fiat, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Toyota, Vauxhall, VW, Volvo
Includes valve stem seal pliers and pneumatic hose and fittings to keep valves closed with compressed air



340-030
Valve spring compressor
For large engines complete with two sets of jaws.
Capacity 55 - 165 mm with offset jaws and 75 - 185 mm with straight jaws.
Throat clearance 245 mm.



340-040
Multi valve spring compressor
For multi-valve petrol & diesel engines, specially designed for difficult access & deep-seated multi-valve cylinder heads.
Includes two valve spring adapters, which fit valve spring retainers up to 1"(25mm) and 1-3/16" (30mm).
Jaw opening of 1-3/8" to 5-5/8" (35mm to 142mm)
Throat clearance of 5-7/8"(150mm).



340-050
Multi valve spring compressor
Suitable for use on multi-valve petrol and diesel engines with deep-seated valves.
Suitable also for general use on OHC engines.
Universal jaw with 55-175mm capacity and 165mm throat depth.
Reversible jaw and adaptor.
Twin cam action permits use from above or below valve.



340-070
Valve pressure spring compressor
BMW
N13, N20, N26, N51, N52,
N53, N54, and N55
For removal and installation of valve pressure springs



340-080
Valve pressure spring compressor
BMW, Peugeot, Citroen
BMW N12, N16, N18
Peugeot 207, 308, 3008, 508, 5008, EP6 Engine
Citroen C3 Picasso, C4, C4 Picasso, C5, DS3, DS4, Ds5
For removal and installation of valve pressure springs

Valve pliers



340-090
Valve Stem Seal Pliers
Used to reach into confined areas for removal of valve seals.
Serrated tip for better grip of valve seals

Piston ring compressors



344-040
Piston ring compressor set
Installs pistons from 2.7/8" to 4.3/8" (73 to 111mm). 6 Bands.
Ratchet allows for bands to compress in small increments.



Piston ring compressors
Self locking ratchet pawl allows positive locking action. Friction proof band edge makes a smooth & accurate operation.

Code	Height	Capacity
344-010	3" 76mm	53-125mm
344-020	4" 100mm	60-175mm
344-030	6" 150mm	60-175mm

Piston ring pliers



342-010
Piston ring groove cleaner
Fits 2"- 5" (51 - 127 mm) pistons. Three six blade cutters cover all major piston ring grooves. SAE & Metric.



342-020
Piston ring installer
Makes ring installation fast and easy. Protects against ring breakage. Suitable for rings from 64 to 159mm. Spring loaded for one hand operation.



342-030
Piston ring plier 40 - 100mm
342-035
Piston ring plier 80 - 120mm
For the installation or removal of rings. Jaws are shaped to protect the rings from damage.

Cylinder hones



346-010
Cylinder hone small engine 3 stone
Suitable from 1.1/4" to 3.1/2" (32-90 mm) 3 Medium grit stones are 2" (50 mm) long. Square ended stones polish to the end in step or blind end cylinders. Flexible shaft.



346-020
Cylinder hone 3 stone
For cylinders from 2" to 7" (50 - 177 mm) 3 Medium grid stones 4" (100 mm) long for quick polishing or honing



346-050
Cylinder hone 3 stone
For cylinders from 2" to 10" (51 - 250 mm) 3 Medium grid stones 4" (100 mm) long for quick polishing or honing



Honing stones
Three medium grit stones
Complete with pins.

Code	Length	Hone
346-030	50mm	346-010
346-040	100mm	346-020



Cylinder hone
Professional ball type

Code	Size	Range	Grit
348-010	41mm	38 - 45mm	180 grit
348-020	45mm	41 - 51mm	180 grit
348-030	51mm	45 - 57mm	180 grit
348-040	57mm	51 - 64mm	180 grit
348-050	64mm	57 - 70mm	180 grit
348-060	70mm	64 - 76mm	180 grit
348-070	76mm	70 - 83mm	180 grit
348-080	83mm	76 - 89mm	180 grit
348-090	89mm	83 - 95mm	180 grit
348-100	95mm	89 - 101mm	180 grit
348-110	101mm	95 - 105mm	180 grit

Other sizes and grits available on request

Thread repair inserts



Thread insert set
Includes drill, tap, insert tool and breakout punch

Code	Size
350-010	M4 x 0.7mm
350-020	M5 x 0.8mm
350-030	M6 x 1.0mm
350-040	M8 x 1.25mm
350-050	M10 x 1.5mm
350-060	M12 x 1.75mm



350-070
Thread insert kit
M6, M8 and M10
Includes drills, taps, insert tools and breakout punches

Spark plug repair inserts



352-030
Thread insert kit 14 mm spark plug
Repairs damaged threads on aluminum cylinder heads.
Includes tap & 15 solid steel inserts
Varoius lengths.



352-010
Thread insert kit 14 mm spark plug
Repairs damaged threads on aluminum cylinder heads.
Includes tap & 4 solid steel inserts of sizes 9.5, 11, 12.7 and 19mm



352-020
Spark plug hole thread chaser
14 and 18mm thread.

Taps



Tap (metric)					
Code	Thread	Code	Thread	Code	Thread
354-010	3 x 0.35mm	**354-020**	3 x 0.5mm	**354-030**	4 x 0.5mm
354-040	4 x 0.7mm	**354-050**	5 x 0.5mm	**354-060**	5 x 0.8mm
354-070	6 x 0.75mm	**354-080**	6 x 1.0mm	**354-090**	7 x 1.0mm
354-100	8 x 1.0mm	**354-110**	8 x 1.25mm	**354-120**	9 x 1.25mm
354-130	10 x 1.5mm	**354-140**	11 x 1.5mm	**354-150**	12 x 1.25mm
354-160	12 x 1.75mm	**354-170**	14 x 1.0mm	**354-180**	14 x 1.5mm
354-190	14 x 2.0mm	**354-200**	16 x 1.5mm	**354-210**	16 x 2.0mm
354-220	18 x 1.5mm	**354-230**	18 x 2.0mm	**354-240**	18 x 2.5mm
354-250	20 x 1.5mm	**354-260**	20 x 2.5mm	**354-270**	22 x 1.5mm
354-280	22 x 2.5mm	**354-290**	24 x 2.0mm	**354-300**	24 x 3.0mm
354-310	27 x 2.0mm	**354-320**	27 x 3.0mm	**354-330**	30 x 1.5mm
354-340	30 x 3.5mm	**354-350**	36 x 4.0mm	**354-360**	42 x 4.5mm

Thread files



Thread file Internal and external		
Code	Type	Pitch
356-010	Metric	0.8 to 3mm
356-020	Imperial	11,12,13,14, 16,18,20,24TPI
356-030	Imperial	9,10,12,16,20, 27,28,32TPI

Thread file External only		
Code	Type	Pitch
358-010	Metric	0.8 to 3mm
358-020	Imperial	11,12,13,14, 16,18,20,24TPI
358-030	Imperial	9,10,12,16,20, 27,28,32TPI

Dies





Die nut (metric)					
Code	Thread	Code	Thread	Code	Thread
360-010	3 x 0.35mm	**360-020**	3 x 0.5mm	**360-030**	4 x 0.7mm
360-040	5 x 0.8mm	**360-050**	6 x 0.75mm	**360-060**	6 x 1.0mm
360-070	7 x 1.0mm	**360-080**	8 x 1.0mm	**360-090**	8 x 1.25mm
360-100	9 x 1.25mm	**360-110**	10 x 1.25mm	**360-120**	10 x 1.5mm
360-130	11 x 1.5mm	**360-140**	12 x 1.25mm	**360-150**	12 x 1.75mm
360-160	14 x 1.5mm	**360-170**	14 x 2.0mm	**360-180**	16 x 1.5mm
360-190	16 x 2.0mm	**360-200**	18 x 1.5mm	**360-210**	18 x 2.5mm
360-220	20 x 1.5mm	**360-230**	20 x 2.5mm	**360-240**	22 x 1.5mm
360-250	22 x 2.5mm	**360-260**	24 x 2.0mm	**360-270**	24 x 3.0mm
360-280	30 x 3.5mm	**360-290**	36 x 4.0mm		

Die (metric)					
Code	Thread	Code	Thread	Code	Thread
362-010	3 x 0.5mm	**362-020**	4 x 0.5mm	**362-030**	4 x 0.7mm
362-040	5 x 0.5mm	**362-050**	5 x 0.8mm	**362-060**	6 x 0.5mm
362-070	6 x 0.75mm	**362-080**	6 x 1.0mm	**362-090**	7 x 1.0mm
362-100	8 x 1.0mm	**362-110**	8 x 1.25mm	**362-120**	9 x 1.25mm
362-130	10 x 1.25mm	**362-140**	10 x 1.5mm	**362-150**	11 x 1.5mm
362-160	12 x 1.25mm	**362-170**	12 x 1.75mm	**362-180**	14 x 1.0mm
362-190	14 x 2.0mm	**362-200**	16 x 1.5mm	**362-210**	16 x 2.0mm
362-220	18 x 1.0mm	**362-230**	18 x 1.5mm	**362-240**	18 x 2.5mm
362-250	20 x 1.5mm	**362-260**	20 x 2.5mm	**362-270**	22 x 1.5mm
362-280	22 x 2.5mm	**362-290**	24 x 2.0mm	**362-300**	24 x 3.0mm
362-310	27 x 2.0mm	**362-320**	27 x 3.0mm	**362-330**	30 x 2.0mm
362-340	30 x 3.5mm	**362-350**	36 x 4.0mm		

Die handles



Die stock			
Code	Type	Size	Tap
364-010	Die stock	13/16"	M3 - M6
364-020	Die stock	1"	M4 - M10
364-030	Die stock	1.5/16"	M6 - M14
364-040	Die stock	1.1/2"	M8 - M20
364-050	Die stock	2"	M12 - M27

Tap handles



Tap wrench			
Code	Type	Size	Tap
366-010	Tap wrench	2.8 - 5mm	M3.5 - M6
366-020	Tap wrench	4 - 10mm	M5 - M16
366-030	Tap wrench	4 - 12mm	M5 - M20
366-040	Tap wrench	5.3 - 17mm	M7 - M30

Drills

Steel drills (reduced shanks 13mm) Fully ground					
Code	Size	Code	Size	Code	Size
370-010	14mm	**370-070**	17mm	**370-130**	20mm
370-020	14.5mm	**370-080**	17.5mm	**370-140**	20.5mm
370-030	15mm	**370-090**	18mm	**370-150**	21mm
370-040	15.5mm	**370-100**	18.5mm	**370-160**	21.5mm
370-050	16mm	**370-110**	19mm	**370-170**	22mm
370-060	16.5mm	**370-120**	19.5mm	**370-180**	24mm



Steel drills Fully ground							
Code	Size	Code	Size	Code	Size	Code	Size
368-010	1mm	**368-170**	4.2mm	**368-330**	7.4mm	**368-490**	10.6mm
368-020	1.2mm	**368-180**	4.4mm	**368-340**	7.6mm	**368-500**	10.8mm
368-030	1.4mm	**368-190**	4.6mm	**368-350**	7.8mm	**368-510**	11.0mm
368-040	1.6mm	**368-200**	4.8mm	**368-360**	8.0mm	**368-520**	11.2mm
368-050	1.8mm	**368-210**	5mm	**368-370**	8.2mm	**368-530**	11.4mm
368-060	2.0mm	**368-220**	5.2mm	**368-380**	8.4mm	**368-540**	11.6mm
368-070	2.2mm	**368-230**	5.4mm	**368-390**	8.6mm	**368-550**	11.8mm
368-080	2.4mm	**368-240**	5.6mm	**368-400**	8.8mm	**368-560**	12.0mm
368-090	2.6mm	**368-250**	5.8mm	**368-410**	9.0mm	**368-570**	12.2mm
368-100	2.8mm	**368-260**	6.0mm	**368-420**	9.2mm	**368-580**	12.4mm
368-110	3.0mm	**368-270**	6.2mm	**368-430**	9.4mm	**368-590**	12.6mm
368-120	3.2mm	**368-280**	6.4mm	**368-440**	9.6mm	**368-600**	12.8mm
368-130	3.4mm	**368-290**	6.6mm	**368-450**	9.8mm	**368-610**	13.0mm
368-140	3.6mm	**368-300**	6.8mm	**368-460**	10.0mm	**368-620**	13.2mm
368-150	3.8mm	**368-310**	7.0mm	**368-470**	10.2mm	**368-630**	13.4mm
368-160	4.0mm	**368-320**	7.2mm	**368-480**	10.4mm	**368-640**	13.5mm

Tap & Die sets



372-010
Tap & Die set (metric) M2 to M18
110 Piece
M2 to M18 in various pitch sizes



372-020
Tap & Die set (metric) M6 to M20
37 Piece
M6, M8, M10, M12, M16, M18 and M20



372-030
Tap & Die set (imperial) 5/16 - 1/2"
20 Piece
5/16" to 1/2"



372-040
Tap & Die set (metric) M3 to M12
32 Piece
M3, M4, M5, M6, M8, M10 and M12



372-050
Tap & Die set (metric) M3 to M12
44 Piece
M3, M4, M5, M6, M8, M10 and M12



372-060
Tap & Die set (metric) M3 to M12
41 Piece
M3, M4, M5, M6, M8, M10 and M12

Step drills





374-010
Step drill
4 to 22 mm
Steps of 2mm
4, 6, 8, 10, 12, 14, 16, 18, 20 and 22mm

374-020
Step drill
5 to 35 mm
Steps of 2 to 3mm
5, 8, 10, 12, 14, 17, 20, 22, 25, 27, 30, 32 and 35mm

Drill sets



376-010
Drill set 1 to 10mm
19 Piece
1 to 10mm in each 0.5mm size



376-020
Drill set 1 to 13mm
25 Piece
1 to 13mm in 0.5mm sizes



376-030
Drill set 1 to 13mm (Cobalt)
25 Piece
1 to 13mm in each 0.5mm size

Rotary burrs







Carbide rotary burr
Cylindrical shape with top flat cutter 6mm shaft

Code	Diameter	Length	Total length
378-010	6mm	16mm	61mm
378-020	8mm	20mm	65mm
378-030	10mm	20mm	65mm
378-040	12mm	25mm	70mm
378-050	16mm	25mm	70mm

Carbide rotary burr
Cylindrical shape with ball nose 6mm shaft

Code	Diameter	Length	Total length
380-010	6mm	16mm	61mm
380-020	8mm	20mm	65mm
380-030	10mm	20mm	65mm
380-040	12mm	25mm	70mm
380-050	16mm	25mm	70mm

Carbide rotary burr
Ball nose taper shape 6mm shaft

Code	Diameter	Length	Total length
382-010	10mm	25mm	70mm
382-020	12mm	28mm	73mm
382-030	16mm	33mm	78mm







Carbide rotary burr
Tree shape ball nose 6mm shaft

Code	Diameter	Length	Total length
384-020	8mm	20mm	65mm
384-030	12mm	32mm	77mm

Carbide rotary burr
Tree shape with sharp point 6mm shaft

Code	Diameter	Length	Total length
386-010	6mm	18mm	63mm
386-020	10mm	20mm	65mm
386-030	12mm	25mm	70mm
386-040	16mm	25mm	70mm

Carbide rotary burr
Ball shape 6mm shaft

Code	Diameter	Length	Total length
388-010	6mm	5mm	50mm
388-020	8mm	7mm	47mm
388-030	10mm	9mm	49mm
388-040	12mm	12mm	61mm
388-050	16mm	14mm	54mm

Measuring tapes



Measuring tape	
Code	Length
390-010	3m
390-020	5m
390-030	8m
390-040	10m

Rulers



Steel ruler	
Code	Length
392-010	150mm
392-020	300mm
392-030	600mm
392-040	1000mm

Straight edges



Straight edge Professional	
Code	Length
394-010	300mm
394-020	500mm
394-030	1000mm

Engineers square



Engineer square	
Code	Length
396-010	100mm
396-020	150mm
396-030	200mm
396-040	300mm

Builders square



Square Builders / Carpenters	
Code	Size
398-010	200 x 300mm
398-020	400 x 600mm

Combination square



400-010 **Combination square set**
300mm

Feeler gauges



Feeler gauge			
Code	Range	Length	Standard
402-010	0.03-1mm 0,0015-0,025''	100mm	Metric Imperial
402-020	0.05-1mm	150mm	Metric
402-030	0.05-1mm	200mm	Metric
402-040	0.05-1mm	300mm	Metric

Screw pitch gauges



404-010 **Screw pitch gauge**
Metric and imperial

Radius gauges



406-010 **Radius gauge**
Inside and outside

Standard verniers



Vernier Standard	
Code	Length
408-010	150mm
408-020	200mm
408-030	300mm

Dial type verniers



Vernier Dial	
Code	Length
410-010	150mm
410-020	200mm
410-030	300mm

Digital vernier



Vernier Digital	
Code	Length
412-010	150mm
412-020	200mm
412-030	300mm

Outside micrometers







Outside micrometer
Standard type

Code	Range
414-010	0 to 25mm
414-020	25 to 50mm
414-030	50 to 75mm
414-040	75 to 100mm

Digital micrometers available on request

416-010
Outside micrometer 0 to 100mm
4 Piece
0 - 25mm, 25 - 50mm, 50 - 75mm and 75 - 100mm
Digital micrometer sets available on request

416-020
Outside micrometer 0 to 150mm
6 Piece
0 - 25mm, 25 - 50mm, 50 - 75mm, 75 - 100mm, 100 - 125mm and 125 - 150mm
Digital micrometer sets available on request

Dial gauge



418-010
Dial gauge
With lug at back. 0 to 10mm x 0.01mm

Magnetic base



420-010
Magnetic base
Includes fine adjustment

Bore gauges



Bore gauge set
Dial type

Code	Range
422-010	18 to 35mm
422-020	35 to 60mm
422-030	50 to 160mm

Telescopic gauges



424-010
Telescopic gauge set
8 to 150mm

V Blocks



V Blocks
Magnetic

Code	Size
426-010	75mm
426-020	100mm
426-030	150mm

Scribers



428-010
Scriber
190mm

Spring calipers



Spring caliper
Inside

Code	Size
430-010	100mm
430-020	150mm
430-030	200mm
430-040	250mm
430-050	300mm



Spring caliper
Outside

Code	Size
432-010	100mm
432-020	150mm
432-030	200mm
432-040	250mm
432-050	300mm



Spring divider

Code	Size
434-010	100mm
434-020	150mm
434-030	200mm
434-040	250mm
434-050	300mm

Diagnostic scanners



438-050
Scan tool (professional)
Top of the line scan tool. OE level. Capable to connect to most cars and 4X4 vehicles.
Read fault codes. Erase fault codes. Reset service lights. Do adjustments. Test actuators. Do dynamic tests. Code components. View live data. Free software updates for 2 years.



438-040
Scan tool (professional) Budget
Great scan tool to start with. Capable to connect to most cars and 4X4 vehicles.
Read fault codes. Erase fault codes. Reset service lights. Do basic adjustments. Test some actuators. View live data. 3 Years free software updates.



438-055
Truck module with plugs for 438-050
To upgrade 438-050 to do most trucks and trailers. Software update included.
Read fault codes. Erase fault codes. Reset service lights. Do adjustments. Test actuators. Do dynamic tests. Code components. View live data. Free software updates for 2 years.



438-070
Scan tool (professional) Single brand
OE level scanner with up to 3 vehicle brands. Designed for workshops that only specialize in 3 vehicle brands or less or DIY mechanic that services his own vehicles and wants a professional tool with OE capabilities.
Read fault codes. Erase fault codes. Reset service lights. Do adjustments. Test actuators. Do dynamic tests. Code components. View live data. Free software updates for 2 years.



442-010
Diagnostic scanner (PC Based)
Bluetooth interface complete with all cables, pins and software. Possible to scan vehicles fitted with 16 pin OBD plugs but also vehicles with older round or square plugs. Includes a 2 channel oscilloscope. Software updates available every 6 months and lowest cost in the industry. Only R1500 per update.
PC not included.

4 Gas analyser (5 Gas option)



436-010
4-Gas analyser (5-Gas optional)
Used to measure CO, HC, O2 and Co2 (NOX Optional)
These readings can be used to analyse and adjust the most advance fuel injection and carburettor system.
Lambda, AFR and corrective CO can be displayed as well.
The warm up time is 3 minutes. Printer included

Smoke tester



440-010
Diesel smoke tester
Complies with European regulations. Micro processor controlled. To be connected to the 4 / 5 Gas analyser or can work on it's own by interfacing to a computer.

Gas analyser (CO Tester)



436-020
Digital CO Tester
Portable CO tester to test fuel injection and carburetor systems. 12 V operation.

Injector tester



766-030
Diesel injector tester (Pop tester)
90mm Large gauge
0 to 600 Bar
Supplied with M14 x M12 fittings

Smoke leak detectors



440-020
Smoke leak detector (Economy version)
Produces white smoke to check intake and exhaust manifolds, valve seats and various other systems where it is difficult otherwise.
Use standard baby oil to produce smoke.
Complete with adaptors to connect to system.



440-030
Smoke leak detector (Deluxe version)
Produces white smoke to check intake and exhaust manifolds, valve seats and various other systems where it is difficult otherwise.
Use standard baby oil to produce smoke.
Gauge included to view pressure as well as oil level gauge to view oil level.
Complete with adaptors to connect to system.

Circuit Testers



480-030
Inteli probe 6 - 24V
The probe uses a 5m cable which attaches to the vehicle's battery, allowing the user to perform an electrical test anywhere in, or around the vehicle.
The inteli probe is a continuity / voltage tester, with visual indicators to indicate ground or voltage. The circuit tester also supplies battery voltage or ground to activate components.
This powerful time-saver tool is perfect for every technician



480-040
Inteli probe 0 - 40V
The probe uses a 5m cable which attaches to the vehicle's battery, allowing the user to perform an electrical test anywhere in, or around the vehicle.
The inteli probe is a continuity / voltage tester, with visual indicators to indicate ground or voltage with a digital display. This circuit tester also supplies battery voltage or ground to activate components.
This powerful time-saver tool is perfect for every technician



480-050
Diagnostic Smart Probe
Test ignition plugs, sensor measurement, earth testing, polarity checks, continuity testing and components activation.
Easy reading AVO meter allows you to read voltage, current and resistance as well as an oscilloscope to read pulses at a fingertip.
Just pressing power switch, the live wire / ground lead can instantly power up electrical components such as the cooling fans, relays etc.
Instantly identifies positive, negative and open circuits
Test for bad ground contacts instantly, allowing you to follow and locate the shorts fast without wasting fuses.

Compression testers



446-010
Petrol compression tester
Includes ridged and flexible hoses with fittings for most petrol engines



446-030
Digital petrol compression tester
Includes ridged and flexible hoses with fittings for most petrol engines



446-020
Petrol compression tester with printout (cards)
Includes ridged and flexible hoses with fittings for most petrol engines. Packet of 100 cards included.



448-020
Diesel compression tester
Includes a wide variety of glow plug adaptors for diesel engines. Pressure 70Bar.



448-030
Diesel compression tester with printout (cards)
Includes ridged and flexible hoses with fittings for diesel engines. Packet of 100 cards included. All adaptors sold seperately



448-010
Diesel compression tester
Includes a wide variety of glow plug adaptors and injector adaptors for diesel engines. Pressure 70Bar.

Fuel injection pressure testers



450-010
Fuel injection pressure tester
Suitable for petrol injection systems
Pressure 0 to 7Bar



450-020
Fuel injection pressure tester
Suitable for petrol injection systems
Complete with a range of fittings
Pressure 0 to 7Bar



450-030
Fuel injection pressure tester (Petrol)
Includes most adaptors, hoses and fittings to test most petrol engines. Has two gauges and capable of doing a very important flow test.

Cylinder leakage tester



452-010
Cylinder leakage tester
Suitable for petrol and diesel engines
Includes adaptors for petrol engines

Vacuum / Pressure testers



454-010
Brake bleeder / vacuum pressure system tester
Suitable to bleed brakes with one person and to test vacuum related systems accurately and also activate systems operated by pressure.



454-020
Vacuum pressure tester
To test vacuum related problems as well as fuel pressure (carburettors)
Not suitable for fuel injection pressures

Carburettor synchroniser



456-010
Carburettor synchronisation kit
The kit let you synchronize the air intake of 2 to 4 carburettors simultaneously. Complete with most fittings

Fuel flow meter



458-010
Fuel flow meter (Common rail diesel engines)
For measuring the amount of fuel the injectors return to the tank. This way the volume injected per cylinder can be determined. For use on up to 6 Injectors. Adaptors for Bosch, Siemens, Denso and Delphi injectors

Oil pressure tester



460-010
Oil pressure tester
Hose 600mm long with assortment of fittings.
0 to 35Bar pressure.

Exhaust pressure tester



462-010
Exhaust back pressure tester
Easy to detect blocked catylic converters or exhausts

Transmission pressure tester



464-010
Transmission pressure tester
Supplied with two pressure gauges for high and low pressure ranges. Complete with adaptors. Range 0 to 7Bar & 0 to 35Bar.



461-010
Power steering tester
Used to check power steering pressures with 13 adaptors to fit most systems. 150 Bar gauge

Stethoscope



466-010
Stethoscope
Used to pinpoint worn bearings, engine faults and other noises.

Noise finder



466-030
Electronic stethoscope
5 Channel. Complete with 5 types of sensors. Possible to connect to various points at one time and select between the different sensors to isolate noise in worn bearings or engine engine faults and other mechanical noises.

Timing lights



468-010
Diesel timing light with advance
Supplied with universal clamp that fits over diesel pipe. Advance reading on dial 0 to 60 degree.



468-015
Set of leads
Inductive probe with battery clamps to convert 468-010 diesel timing light to use on petrol vehicles

Diesel timing adaptor



468-030
Diesel timing adaptor
The adaptor is designed to be used in conjunction with most petrol timing lights fitted with an inductive clamp. The diesel adaptor's clamp, is supplied with a square clamp capable of testing diesel engines with pipes from 6 to 10mm in diameter.

Ultrasonic leak detector



470-010
Ultrasonic leak detector
Easy to check for windows and doors not sealing properly.

Tachometer



472-010
Digital tachometer
To measure RPM of moving shafts, pulley's etc. Contact type by means of various wheels or non contact by means of reflective tape.

Electrical Test Benches





Electrical test benches
For alternators and starters 12 / 24V
Bench models

Code	Voltage	Speed	Reg test
474-010	380V	Fixed	No
474-020	230V	Variable	No
474-030	230V	Variable	Yes

Electrical test benches
For alternators and starters 12 / 24V
Regulator test and hydraulic starter brake included

Code	Voltage	Speed	Reg test
474-040	380V	Fixed	No
474-050	230V	Variable	No
474-060	230V	Variable	Yes

Headlight Aimer



476-010
Headlight aimer
Complete with optical alignment gauge
Suitable for symmetric and asymmetric lenses with headlight heights of up to 1660mm.
Includes digital LUX meter.

Regulator Testers



478-010
Alternator regulator tester
This unit is necessary to test modern electronic regulators.

Circuit Testers



480-010
Car tester light 6 to 24V
Sharp probe tip covered with brass protection cap.
You can check the function of car lights fast and easily.
Brass casing body.



480-020
Car tester light 6 to 50V
Sharp probe with special housing to probe through wire easily and lock into position if needed. The use of LED's instead of globes reduces the risk of damage to electronics.



480-030
Inteli probe 6 - 24V
The probe uses a 5m cable which attaches to the vehicle's battery, allowing the user to perform an electrical test anywhere in, or around the vehicle.
The inteli probe is a continuity / voltage tester, with visual indicators to indicate ground or voltage. The circuit tester also supplies battery voltage or ground to activate components.
This powerful time-saver tool is perfect for every technician



480-040
Inteli probe 0 - 40V
The probe uses a 5m cable which attaches to the vehicle's battery, allowing the user to perform an electrical test anywhere in, or around the vehicle.
The inteli probe is a continuity / voltage tester, with visual indicators to indicate ground or voltage with a digital display. This circuit tester also supplies battery voltage or ground to activate components.
This powerful time-saver tool is perfect for every technician



480-050
Diagnostic Smart Probe
Test ignition plugs, sensor measurement, earth testing, polarity checks, continuity testing and components activation.
Easy reading AVO meter allows you to read voltage, current and resistance as well as an oscilloscope to read pulses at a fingertip.
Just pressing power switch, the live wire / ground lead can instantly power up electrical components such as the cooling fans, relays etc.
Instantly identifies positive, negative and open circuits
Test for bad ground contacts instantly, allowing you to follow and locate the shorts fast without wasting fuses.

Battery and alternator testers



482-010
Voltage tester 0 - 16V
A must for starting / charging systems and battery tests as well as other electrical tests. Single function meter with large face for simplicity and easy reading. 0 - 16V DC Volt scale for all automotive electrical systems. Convenient probe and alligator clip.



482-020
Battery alternator tester 12V
Cost effective tester to test battery and alternator



482-030
Battery and charging system tester
Battery testing on 6V and 12V batteries
Alternator charging on 12V and 24V systems
Suitable to test 200 to 1200 CCA batteries
Capable of testing 12V start stop batteries.
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-040
Battery and charging system tester
Battery testing on 12V batteries
Alternator charging on 12V and 24V systems
Suitable to test 40 to 2000 CCA batteries
Capable of testing 12V start stop batteries
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-080
Battery and charging system tester with printer
Battery testing on 12V and 24V batteries
Alternator charging on 12V and 24V systems
Suitable to test 100 to 2000 CCA batteries
Capable of testing 12V start stop batteries
Capable of printing a full report
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries



482-090
Battery and charging system tester with printer and amps probe
Battery testing on 12V and 24V batteries
Alternator charging on 12V and 24V systems
Suitable to test 100 to 2000 CCA batteries
Capable of testing 12V start stop batteries
Capable of printing a full report
For all Lead-Acid, AGM, EFB, GEL, VRLA batteries
Includes a inductive AMPS probe to measure up to 1000A.

Load testers



484-020
Battery load tester (digital)
Load testing on 12V batteries. Alternator charging on 12V systems. Suitable to test up to 1000 CCA batteries Load capacity 125A. Possible to test battery, cranking system (starter) and charging system (alternator). Automatically turns off load after 10 sec



484-030
Battery load tester (carbon pile)
Load testing on 12V batteries
Alternator charging on 12V systems
Suitable to test up to 1000 CCA batteries
Load capacity 500A. Possible to test battery, cranking system (starter) and charging system (alternator) under load. Built in beeper after test.



514-010
Alternator socket
Suitable for Bosch alternators normally found on
Mercedes Benz, VW, Audi and BMW vehicles

Alternator Sockets



514-020
Alternator socket set
13 Piece.
Suitable to most alternators



514-030
Alternator socket set
18 Piece.
Suitable to most alternators



514-040
Alternator socket set
22 Piece.
Suitable to most alternators

Multimeters



486-010
Multimeter
AC / DC Voltage 0 to 500V, AC & DC Amperage 0 to 10A , transistor check (PNP or NPN), diode check, resistance up to 2MΩ, continuity tester with buzzer and data hold, min & max hold standard.



486-020
Multimeter
AC & DC Voltage 0 to 1000V, AC & DC Amperage 0 to 10A (optional clamp on adaptor available to measure amperage up to 600A), frequency up to 10MHz, capacitance up to 4000µF, **duty cycle**, resistance up to 60MΩ, continuity tester with buzzer, auto ranging, data hold, min & max hold standard



486-030
Multimeter
AC & DC Voltage 0 to 1000V, AC & DC Amperage 0 to 10A (optional clamp on adaptor available to measure amperage up to 600A), frequency up to 10MHz, capacitance up to 4000µF, **temperature**, resistance up to 60MΩ, continuity tester with buzzer, auto ranging, data hold, min & max hold standard

Surge Protectors



488-010
Clamp meter
AC / DC Amps 0 to 800V. No need for tapping into the circuit. Simply clamp the meter over the wire. AC & DC Volts 0 to 600V, temperature, capacitance, frequency, resistance, continuity tester with buzzer and diode test. Automatic power off function.



490-010
Voltage tester
AC & DC Voltage 0 to 690V, phase rotation test, single pole phase check, low impedance check, polarity detection, rotary field indication and continuity test. By simply placing the probes of the tester onto the circuit under test, the meter is automatically turned on.



Surge protectors
Protects sensitive electronic components on vehicles when battery terminals are connected or removed, vehicles are boost started with jumper cables / booster packs or arc welding is performed

Code	Voltage
492-010	12V
492-020	24V

Battery Hydrometers



494-010
Battery hydrometer
Cost effective hydrometer to measure specific gravity of battery fluid



494-020
Battery hydrometer
Cost effective hydrometer to measure specific gravity of battery fluid



496-010
Refractometer
Test ethylene glycol (antifreeze) strength, battery liquid (specific gravity), AdBlue and washer fluid.

Booster Packs



498-010
Booster pack 12V
Capable of starting most petrol & diesel cars and LDV vehicles. Voltage 12V 2000A. Designed to supply high current at short intervals. Not recommended to crank problem vehicles for long durations.



498-020
Booster pack 12V 24V
Capable of starting most petrol & diesel cars, LDV's and small trucks. Voltage 12V 4000A or 24V 2000A. Designed to supply high current at short intervals. Not recommended to crank problem vehicles for long durations.



498-040 Booster pack 12V 24V 3000A
498-050 Booster pack 12V 24V 5000A
Capable of starting most petrol & diesel cars, LDV's and large trucks. Voltage 12V or 24V. Designed to supply high current at short intervals. Not recommended to crank problem vehicles for long durations.

Battery maintainers / chargers





500-010
Battery maintainer / charger 1.5A 12V
Smart charger. Power 1.5A 12V. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used.

500-020
Battery maintainer / charger 3A 12V
Smart charger. Power 3A 12V. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used.

500-030
Battery maintainer / charger 5A 12V
Smart charger. Power 5A 12V. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used.

Battery chargers






500-050
Battery maintainer / charger 4 x 5A 12V
Smart charger. Four chargers in one. Power 5A 12V. Charge and maintain up to 4 batteries at a time. Keeps batteries fully charged and maintained. To be used on caravans, boats and vehicles that are not frequently used. Ideal for people that want to charge and maintain more than one battery at a time.

502-020
Battery charger 70A 12V
Smart charger. Power 70A 12V. For all Lead-Acid, AGM, EFB, GEL and VRLA batteries. Quick and easy way to quick charge a battery without damaging it. Ideal for modern vehicles.

502-010
Battery charger 22A 6V or 12V
Smart charger. Power 22A 6V or 12V. For all Lead-Acid, AGM, EFB, GEL and VRLA batteries. Quick and easy way to quick charge a battery without damaging it.

Bank battery charger
504-050 6 to 36V 15A
504-090 6 to 72V 15A
504-060 6 to 72V 30A
Suitable to charge many batteries at a time. Charge up to 6 x 12V batteries (504-060/090) Extra heavy duty.









504-010
Battery charger 12A
12 and 24V. Continuous charge rate of 12A. Suitable for wet and AGM batteries.

504-020
Battery charger 30A
12 and 24V. Continuous charge rate of 30A. Suitable for wet and AGM batteries.

504-030
Boost battery charger on wheels
12 and 24V. Continuous charge rate of 40A. Boost charge 400A.

Boost battery charger on wheels
504-070 Continuous charge 60A
504-080 Continuous charge 120A
12 and 24V. Suitable for wet and AGM batteries. Boost charge of 4 times the continuous rating. Very heavy duty. Made to last.



Armature growler



Impact driver



504-040
Boost battery charger on wheels
12 and 24V. Continuous charge rate of 75A. Boost charge 500A.

506-010
Armature growler
For testing armatures on motors

508-010
Impact driver set
6 Piece. To be used to remove stubborn bolts on starters, alternators and other applications. Supplied with 2 x Flat and 2 x Phillips bits

Booster Cables



510-010
Battery booster cables (1000A)
Very heavy duty cables suitable for most vehicles. Battery cables are 50m2 and use clamps with copper tips.



Battery booster cables		
Code	Capacity	Length
510-020	400A	3m
510-030	600A	3m
510-040	800A	3m

Battery Carier



512-010
Battery carrier
Tool for lifting and carrying batteries effortless

Alternator Sockets



514-010
Alternator socket
Suitable for Bosch alternators normally found on Mercedes Benz, VW, Audi and BMW vehicles



514-020
Alternator socket set
13 Piece.
Suitable to most alternators



514-030
Alternator socket set
18 Piece.
Suitable to most alternators

Battery terminal tools



516-015
Battery terminal cleaner
Suitable of cleaning battery terminals (posts) and battery clamps



516-010
Battery terminal cleaner
Suitable of cleaning battery terminals (posts) and battery clamps



516-020
Battery terminal & wiper arm puller
Easily removes stuck battery terminals and bolted on windshield wiper arms, that fit over a tapered spline.



516-030
Battery plier
7" Used on battery terminals

Crimping pliers



518-010
Crimping pliers
Capacity 1.25mm to 8mm



518-020
Crimping pliers
Capacity 1.25mm to 14mm



518-030
Crimping tool set
7 Piece. Ratchet type to apply consistent pressure. Suitable for insulated, non insulated, open barrel, cord end and coaxial terminals.

Wire strippers



520-010
Wire stripper
0.2 to 6mm wire



520-020
Wire stripper
0.2 to 6mm wire



520-030
Wire stripper
0.2 to 6mm wire
Fully insulated

Ignition tools



522-010
Ignition lock remover
Tool used for removing Mercedes Benz ignition locks



522-020
Relay plier
For the safe removal of electrical relays and fuses. Spring loaded for one handed operation.



522-030
Spark lead plier
For removing plug and coil leads to avoid being shocked by HT leads

Radio removal kit



522-040
Ignition coil puller
For removing VW and Audi ignition coils



522-050
Ignition coil puller set
4 Piece. Suitable to be used on VW and Audi ignition coils



524-010
Master radio set
46 Piece master set to install and / or remove most automotive radios

Soldering







Soldering irons

Code	Power
526-010	40W
526-020	80W
526-030	120W
526-040	175W

Soldering gun / station

Code	Description	Power
528-010	Gun	100W
528-020	Tips for gun	
528-030	Station	40W

Solder
Resin core suitable for electronic work
Acid core suitable for plumbing work

Code	Thickness	Weight	Core
530-010	0.7mm	500g	Resin
530-020	0.9mm	500g	Resin
530-030	1.25mm	500g	Resin
530-040	1.6mm	500g	Resin
530-050	2mm	500g	Resin
530-060	2.5mm	500g	Acid

Aircon charging stations



532-010
Aircon station
R134A
Gas recovery, leak check, oil recovery and injection and recharging all done automatically. Very easy to operate. Integrated vehicle database. Suitable for cars and bakkies. Tank capacity 12.5Kg. 220V Single phase Optional printer available.



532-020
Aircon station
R134A and R1234yF
Two machines in one. Gas recovery, leak check, oil recovery and injection and recharging all done automatically. Very easy to operate. Integrated vehicle database. Suitable for cars and bakkies. Tank capacity 2 x 10.5Kg. 220V Single phase Printer included.



532-030
Aircon station
R134A
Gas recovery, leak check, oil recovery and injection and recharging all done automatically. Very easy to operate. Integrated vehicle database. Suitable for cars and bakkies. Tank capacity 30Kg. 220V Single phase Printer included. Recommended for Bus service.



532-015
Printer kit
To be used installed on Spin Clever aircon station to do print-outs.



534-010
Aircon flushing station
To be used as a stand alone unit to clean aircon systems. Suitable for R134A gas. 230V Single phase.



534-020
Aircon flushing kit
To be used with any of the aircon stations.



536-025
Leak detector
Detector with Goose Neck

Aircon consumables



536-010
R134A Aircon gas
13Kg Bottle



536-020
UV Light with goggles
To check leaks on aircon systems. Works in conjunction with UV dye



536-030
Leak detecting dye
250ml Bottle



536-040
Pag oil 100
1L Bottle

Hose clamp tools



538-010
Fuel line disconnect tool
1/4, 5/16, 3/8, 1/2,
5/8, 3/4 & 7/8'' adaptors



538-110
Spring Lock Coupling Tool
Hose Sizes: A: 3/4", B: 5/8",
C: 1/2" & D: 3/8". Length 137mm.



538-020
Fuel line disconnect plier set
Blue 1/4", 5/16", 8mm
Green 3/8", 10mm
Red Special applications



538-030
Hose clamp plier set
9 Piece



538-040
Fuel feed pipe pliers
Suitable for releasing connections on fuel pipes during maintenance or when replacing fuel filters



538-050
Hose clamp plier
With long extension to reach hard to get places



538-060
Hose clamp plier
Straight type with built in ratchet



538-070
Hose clamp plier
Angled type with built in ratchet



538-080
Fuel line pliers
Used to remove clamps on fuel lines



538-090
Hose clamp pliers
Click type

Pipe cutters



540-010
Pipe cutter (mini type)
3mm – 28mm



540-020
Pipe cutter
3mm – 28mm



540-030
Pipe cutter
12mm – 50mm

Flaring tools



542-010
Flaring tool
Double or single flare in copper, aluminum and soft steel tubing
3/16", 1/4", 5/16", 3/8", 1/2"



542-020
Flaring tool (Heavy Duty)
Double or single flare in copper, aluminum and steel tubing
4.75, 5, 6, 8, 9, 10 mm



542-030
Hydraulic flaring tool (metric and imperial)
Professional flaring tool for various types of flaring.
Suitable for steel, copper & aluminium tubing

Pipe benders



544-040
Pipe bender 2” to 3” tubing
Ideal for exhaust tubing, roll bars and bull bars. Complete die package to bend, expand and swage pipes from 2” to 3”. Die package 21 parts.



544-050
Pipe bender 1.1/2” to 3” tubing
Ideal for exhaust tubing, roll bars and bull bars. Complete die package to bend, expand and swage pipes from 1.1/2” to 3”. Die package 45 parts.

Cooling system cleaner



547-010
Radiator & cooling system cleaner
Automatic radiator cleaning unit that cleans the complete engine cooling system on cars and trucks. Printer included.



544-010
Tube bender
Suitable for 10 to 13mm tubing



544-020
Pipe bender
Suitable for 6, 8 and 10mm tubing



544-030
Pipe bender
Suitable for pipes 15mm and 22mm in diameter (1/2” and 3/4”)

Radiator pressure testers



546-010
Radiator pressure tester
28 Piece. Master cooling radiator pressure tester with vacuum purge and refill kit. Suitable for most vehicles



546-020
Radiator pressure tester
14 Piece. Universal radiator pressure tester. Kit includes thermometer. Suitable for a wide variety of vehicles



546-030
Radiator cap pressure tester
Suitable for most standard radiator cap pressure testing. Pressure pump capable of testing up to 2 Bar (30 psi)



546-040
Radiator pressure tester
18 Piece. Universal radiator pressure tester. Kit includes cap tester. Suitable for a wide variety of vehicles. Aluminium radiator caps tester. Suitable for a wide variety of vehicles.



546-050
Radiator vacuum purge & refill kit
Refill entire cooling system quickly. Eliminates the need for bleeding and purging the system to prevent air pockets.



546-060
Radiator pressure tester
Ideal for locating system leaks from head gaskets, header tank, radiator, feeder core, core plugs, water pump and hoses. Suitable for most vehicles including trucks. With special patented bludder it’s easy to use with no special adaptors

Block testers



338-010
Block tester
Testing kit to check cylinder heads and blocks for cracks and / or blown gaskets



338-020
Block testing fluid
Additional fluid to be used with block tester. Recommended to keep fluid refrigerated to extend shelf life

Fuel / Brake hose clamps



548-010
Fuel & brake line clamps
Compact design allows use in confined spaces. Suitable for use on fuel, vacuum and brake hoses



548-020
Fuel & brake line clamps
3 Piece
Plastic pliers prevent harm to hoses. Suitable for use on fuel, vacuum and brake hoses

Antifreeze testers



550-010
Antifreeze tester
Test ethylene glycol strength and include temperature adjustment scale for accurate interpretation of mixture strength.



496-010
Refractometer
Test ethylene glycol (antifreeze) strength, battery liquid (specific gravity), AdBlue and washer fluid.

Viscous van clutch spanners



552-010
Viscous fan spanner set
Suitable for most viscous fans including BMW and Mercedes Benz vehicles.

Thermometers



554-010
Infrared thermometer
Temperature from -50 °C to 1050 °C. Include dual laser for accurate distance measurement, data hold and maximum reading hold.



554-020
Pen type thermometer
Temperature from -40 °C to 250 °C. Includes data hold, automatic power off, and minimum / maximum reading hold. Probe made of stainless steel.

Carburettor / Injection adjustment set



556-010
Carburettor & fuel injection set
Most drivers to adjust carburettor and fuel injection systems

Fuel lid spanner



556-020
Fuel injection lid remover
Adjustable tool to remove most fuel tank lids. 45 - 190mm

Turbo spanner



558-010
Turbo spanner
12mm Bi-hexagon spanner to be used with 3/8" Drive ratchet. To be used on VW / Audi diesel engines fitted with turbo chargers

BMW Mini timing tools



562-010
Timing tool
BMW
M40 / M43



562-030
Timing tool
BMW
M40 / M42 / M43 / M44 / M50
M52 / M54 / M55 / M60



562-050
Timing tool
BMW
M42 / M50



562-070
Timing tool
BMW
M42 / M47 / M50 / M52 / M60



562-040
Timing tool
BMW
M42 / M44 / M50 / M52 / M52TU
M54 / M56 / S50US / S52US



562-060
Timing tool
BMW
M42, M44, M50, M52, M54, M56



562-110
Timing tool
BMW
M60 / M62



562-120
Timing tool
BMW
M60 / M62
M60B30, M60B40, M62B35,
M62TUB35, M62B44, and
M62TUB44.



566-020
Timing tool
BMW, Land Rover, Range Rover, Rover, Opel
M41, M51, M47 - M47 TU/T2,
M57 TU/T2 2.0L/3.0L (1998-2008),
204D3, Td4, Td6, M47R
2.0 3.0



566-010
Timing tool
BMW
M41, M51, OMEGA B, 2.5 TDS
17 4T 1, 25 6T 1, OHC 25 DT, X25 DT,
25 6D 1991 - 2003



562-090
Timing tool
BMW
M47
1.6 2.0



562-100
Timing tool
BMW
M52TU / M54 / M56
M52TU (1998-2000)
M54 (2001-2004)
M56 (2003-present)

BMW Mini timing tools



560-030
Timing tool
BMW, Mini
N47 / N47S / N57
R56 / R60 / R61
2.0
Diesel
N47 C16, N47 D16, N47 20,
N47 C20, N47 D20, N47S D20,
N47T D20, N57 D30



562-171
Timing tool
BMW
N47 N57
N47 C16, N47 D16, N47 20,
N47 C20, N47 D20, N47S D20,
N47T D20, N57 D30



562-170
Timing tool
BMW
N47 / N47S
2.0
Diesel



562-220
Timing tool
BMW
N62 / N73
V8 / V12



562-230
Timing tool
BMW
N62 / N73
V8 / V12



562-140
Timing tool
BMW
N40 N45 N45T
1.6
N40 B16A, N45 B16A,
N45T B16AC, N45T B16C



562-150
Timing tool
BMW
N42 / N46
1.8: N42 B18A, N46 B18
2.0: N42 B20A, N46 B18, N46 B20,
N46 B20B, N46T B20, N46T B20B,
N46T B20BD, N46T B20BZ, N46T B20O2



562-160
Timing tool
BMW
N42 / N46 / N46T
1.8 2.0
Petrol
1.8: N42 B18A, N46 B18
2.0: N42 B20A, N46 B18, N46 B20,
N46 B20B, N46T B20, N46T B20B,
N46T B20BD, N46T B20BZ, N46T B20O2



562-190
Timing tool
BMW
N53 / N54



562-180
Timing tool
BMW
N51 / N52 / N53 / N54
N52 B25, N52K B25, N52 B30
N52K B30, N53 B25, N53 B30
N54 B30



562-200
Timing tool
BMW
N51, N52, N52K, N53, N54



562-210
Timing tool
BMW
N51 / N52 / N53 / N54 / N55
N52 B25, N52K B25, N52 B30
N52K B30, N53 B25, N53 B30
N54 B30, N55 B30

BMW Mini timing tools



562-130
Timing tool
BMW

N20 / N26
4 Cylinder turbo
N20B20, N20B20A, N20B20B,
N20B20/UO, N20B20O0, N26B20



562-330
Socket vanos
BMW and Ford

16 Pins



562-080
Timing tool
BMW

N43 1.6, 2.0, (B16, B20 CHAIN)
1.6L N43 B16A/AA, N43 B16AA, N43 B16AA/O0
2.0L N43 B20A, N43 B20A/AA, N43 B20AA
N43 B20AY, N43 B20K0, N43 B20U0



560-010
Timing tool
BMW, Mini

B38 / B48 / B58
1.2: B38A12A
1.6: B38A15A, B38B15A, B38K15A
2.0: B48A20A, B48B20B



562-240
Timing tool
BMW

N63 / N74
4.4L (N63B44O0),
6.0L (N74B60U0)



562-250
Timing tool
BMW

R50 / R52 / R53
W10 / W11



568-010
Timing tool
BMW, Mini, Citroen, Peugeot

N12 / N14
1.4 1.6
Petrol
1.4 VTi (Valvetronic), EP3 (8FS), EP6 (5FW),
1.6 THP (Direct Injection), EP6DT (5FX),
EP6DTS (5FY)



560-020
Timing tool
BMW, Mini, Citroen, Peugeot

N13 / N16 / N18
N13: B16A
N18: B16/MO, B16A/MO



562-020
Timing tool
BMW

N40 / N42 / N45 / N46

BMW Mini timing tools



562-260
Timing tool
BMW
S54



634-030
Timing tool
BMW
N12,N14,N40,N42,N45,N46,N52



562-270
Timing tool
BMW
N47 B47 B48
B47 D20A, B47 C20A, B48 A20B,
B47, B47 C20, B48 A20A







562-280
Timing tool
BMW
N20 and N26
new engine

560-040
Timing tool
BMW
S63
F10/M5 (2010+), F06/M6 (2011+), F12/13/M6 (2011+),
E70/X5M (2008-2013), E71/X6M (2008-2013), F10/M5 (2010+),
F06/M6 (2011+), F12/13/M6 (2011+), E70/X5M (2008-2013),
E71/X6M (2008-2013), E70/X5M (2008-2013), E71/X6M (2008-2013)

562-310
Timing tool
BMW
N20(Old), N26(Old),
and N55



562-290
Balance shaft timing tool
BMW
M40, M70



562-320
Timing tool
BMW
S85
S85B50 DOHC
40-valve V10



564-090
Timing tool
BMW
S65



560-050
Timing tool
BMW Mini
FLYWHEEL HOLDING TOOL
M47T2, M47TU, M57T2, M57TU,
M67, N45, N45T, N46, N46T, N51,
N52, N53, N54, and W17.

Mercedes Benz timing tools



570-010
Timing tool
Mercedes Benz, Chrysler, Jeep
CDI 2.0 2.2 2.7 3.3 4.0
D-DT 2.0 2.2 2.5 2.9 3.0
Petrol 1.8 2.0 2.3



564-020
Timing tool
Mercedes Benz
M271



564-010
Crankshaft pulley socket
Mercedes Benz
M133 / M157 / M270 / M271 / M276 / M278
T100H 1/2" Drive



564-030
Timing tool
Mercedes Benz
M157 / M276 / M278



564-040
Timing tool
Mercedes Benz
M156 (AMG)



564-050
Timing tool
Mercedes Benz
M270 / M274



564-120
Timing tool
Mercedes Benz
M112 M113



564-080
Timing tool
Mercedes Benz
M651



564-082
Timing tool
Mercedes Benz
M651 CDI



564-084
Timing tool
Mercedes Benz
M651



564-100
Timing tool
Mercedes Benz
M177



564-110
Timing tool
Mercedes Benz
Om654
1.6 2.0 Diesel 2016 - Onwards



564-060
Chain rivet tool
Mercedes Benz
M272 / M273
1.7 2.1 2.2 2.7 3.0 3.2 3.9 4.0
Diesel

VW / Audi timing tools



572-010
Timing tool
VW, Audi
FSI / TFSI
1.4 1.6
AXU / BAG / BKG / BLF / BLN / BLP



572-020
Timing tool
VW, Audi
FSI / TFSI
1.4 1.6
AXU / BAG / BKG / BLF / BLN / BLP



572-030
Timing tool
VW, Audi
TSI / FSI / TFSI
1.2 1.4 1.6
CBZA / CBZB / CBZC
AXU / BAG / BKG / BLF / BLN / BLP



572-040
Timing tool
VW, Audi
FSI / TFSI
1.4 1.6



572-050
Timing tool
VW, Audi
FSI
1.8



572-060
Timing tool
VW, Audi
TSI
1.2 1.4



572-070
Timing tool
VW, Audi
TSI
1.0
CHYA, CHYB, CPGA, DAFA



572-080
Timing tool
VW, Audi
TSI
1.0 1.2 1.4 1.6 EA211



572-090
Timing tool
VW, Audi
TSI
1.2 1.4



572-100
Timing tool
VW, Audi
TFSI
1.4
CPTA, CZEA



572-110
Timing tool
VW, Audi
FSI / TFSI
1.8 2.0 16V



572-120
Timing tool
VW, Audi
FSI / TFSI
2.0
AWA / AXW / BHD / BMB

VW / Audi timing tools



572-130
Timing tool
VW, Audi
Diesel



572-140
Timing tool
VW, Audi
TSI / TFSI
1.8 2.0
Petrol



572-150
Timing tool
VW, Audi
TSI / TFSI
1.8 2.0 EA888



572-160
Timing tool
VW, Audi
FSI TFSI
2.0 2.8 3.0T



572-170
Timing tool
VW, Audi
FSI
2.0 2.4 2.8 3.0 3.2 4.2



572-180
Timing tool
VW, Audi
FSI
2.4 3.2
V6 V8 V10



572-190
Timing tool
VW, Audi
2.4 3.2
FSI
V6



572-200
Timing tool
VW, Audi
TDI
2.7 3.0



572-210
Timing tool
VW, Audi
2.7D 3.0D TDi V6
4.2D TDi V8



572-220
Timing tool
VW, Audi
TDI
1.9



572-230
Timing tool
VW, Audi
TDI
1.2 1.4 1.6 1.9 2.0



572-240
Timing tool
VW, Audi
TDI Diesel
1.6 2.0

VW / Audi timing tools



572-250
Timing tool
VW, Audi
TDI SDI
1.9



572-260
Timing tool
VW, Audi
TSI
1.2
CBZA / CBZB



572-270
Timing tool
VW, Audi
1.2
Petrol



572-280
Timing tool
VW, Audi
1.2 1.4 1.9 2.0
AFB / KE / AKN / AYM / BAU / BCZ / BOG / BOH / BFC



572-290
Timing tool
VW, Audi
TDI
2.5 V6 3.3 V8



572-300
Timing tool
VW, Audi
A4, A6, A8, A11
1997 - 2004



572-310
Timing tool
VW, Audi
1.4 1.6 16V
Petrol



572-320
Timing tool
VW, Audi
TDI SDI
1.9



572-330
Timing tool
VW, Audi
2.3 2.8
Petrol



572-340
Timing tool
VW, Audi, Ford
2.3 2.8 2.9
AAA / ABV / AES / AGZ / AMY / AFP / AZX



572-360
Timing tool
VW, Audi
TDI
2.5

VW / Audi timing tools



572-370
Timing tool
VW, Audi
TDI SDI
2.4 2.5



572-380
Timing tool
VW, Audi
TDI PD
2.5
AXD / AXE / BAC / BLJ / BLK / BPD / BPC / BPE



572-390
Timing tool
VW, Audi
D TDI PD
2.5 4.9
BAC / BLK / BDP / AXD / AXE / AYH / BLJ / BNZ / BPC / AYH



572-490
Timing tool VW Audi
FSI VAG petrol engines
1.0, 1.2, 1.4L



572-400
Timing tool
VW, Audi
2.4 2.8
V6



572-410
Timing tool
VW, Audi
V8

572-420
Timing tool
VW, Audi
2.4 2.7 2.8 3.0



572-500
Camshaft Turning Tool
VAG TFSI Gen III
1.8 and 2.0L petrol engines



104-120
Crank seal installer
VW, Audi



104-110
Crank seal installer
VW, Audi



572-201
Timing tool
VW, Audi
3.2 4.2
FSI

572-440
Crankshaft pulley puller
VW, Audi
4 and 5 Cylinder engines



572-470
Timing tool
VW, Audi
1.2 1.4 TFSI



186-010
PULLER VW AUDI WHEEL BEARINGS
POLO, A2
THE PULLER IS USED TO ASSEMBLE AND DISASSEMBLE THE HUB ON VW & AUDI VEHICLES



572-480
Timing tool
VW, Audi
1.8L 2.0L V4 TSI TFSI 2.0L TURBO BYT, BZB, CABA, CABB, CABD, CADA, CAEA, CAEB, CAWA, CAWB, CBFA, CCTA, CCZA, CCZB, CCZC, CDAA, CDAB

Porsche timing tool



571-010
Timing tool
Porsche
1.2 1.6 2.0 2.7 3.0 4.0
Diesel



571-020
Timing tool
Porsche
Cayenne
Panamera

Opel GM Chevrolet timing tools



576-020
Timing tool
Opel, Chevrolet
1.4
Petrol



578-030
Timing tool
Opel
1.3 1.9 2.0 2.2



580-010
Timing tool
Opel, Fiat
1.7 1.9 2.4
D / TD / JTD / CDTI



574-020
Timing tool
Opel, Fiat, Alfa Romeo
1.9 2.4
JTD / CDTI



578-040
Timing tool
Opel
2.0
CDTI



578-050
Timing tool
Opel
1.6 1.7
Diesel



578-060
Timing tool
Opel
1.5 1.9 2.2 2.5
DCI
K9K, K9Q, G9T, G9U



576-030
Water pump spanner
Opel, Chevrolet
41mm 1/2" Drive



576-040
Water pump spanner
Opel, Chevrolet
46mm 1/2" Drive



574-030
Timing tool
Opel, Fiat, Alfa Romeo, Chevrolet
1.4 1.6 1.8 16V
Petrol



576-010
Timing tool
Opel, Chevrolet
2.0
Diesel

Opel GM Chevrolet timing tools



580-020
Timing tool
Fiat, Opel
1.3
CDTI / JTD



588-010
Timing tool
Fiat, Iveco, Opel, Citroen, Peugeot, Renault
2.5 2.8
TDI / JTD / HDI / D



566-010
Timing tool
BMW
M41, M51, OMEGA B, 2.5 TDS
17 4T 1, 25 6T 1, OHC 25 DT, X25 DT, 25 6D 1991 - 2003



578-070
Timing tool
Opel
1.0 1.4
Adam, Astra, Corsa



574-040
Timing tool
Opel
Chevrolet
Cruze



628-010
Timing tool
Chrysler, Jeep, Dodge, Chevrolet
2.8
Diesel



628-030
Timing tool
Chrysler, Jeep, Dodge, Chevrolet
2.8
Diesel



576-060
Timing tool
Opel, GM, SAAB
V6
2.5, 2.6, 3.0, 3.2 Belt drive



574-010
Timing tool
Opel, Fiat, Alfa Romeo, Chevrolet
1.4 1.6 1.8 16V;2003-2012 159
Petrol



578-010
Timing tool
Opel
1.0 1.2 16V
Petrol



578-020
Timing tool
Opel
1.4
A14NEL / A14NET / A14XER



576-050
Timing tool
Opel, Chevrolet
2.0T 2.4
Ecotec 2010 Onwards

Fiat Iveco timing tools



584-020
Timing tool
Fiat
500 8V
1.2 1.4 VVT



584-030
Timing tool
Fiat
1.2 8V 1.4 16V
Petrol



588-010
Timing tool
Fiat, Iveco, Opel, Citroen, Peugeot, Renault
2.5 2.8
TDI / JTD / HDI / D



584-040
Timing tool
Fiat
1.6 16V



584-050
Timing tool
Fiat
1.6 16V



590-010
Timing tool
Fiat, Iveco
2.3 3.0
JTD



586-020
Timing tool
Fiat, Lancia
1.2 16V



580-020
Timing tool
Fiat, Opel
1.3
CDTI / JTD



590-020
Timing tool
Fiat, Iveco
2.3 3.0
JTD



582-020
Timing tool
Fiat, Alfa Romeo, Lancia
1.4
MultiAir



582-030
Timing tool
Fiat, Lancia, Alfa Romeo
0.9 TwinAir Turbo



588-020
Timing tool
Fiat, Iveco, Ford, Citroen, Peugeot
2.2
TDCI / JTD / HPI

Fiat Iveco timing tools



584-060
Timing tool
Fiat
1.2 8V



584-070
Timing tool
Fiat
1.2 8V EVO



586-010
Timing tool
Fiat, Lancia
1.4 Fire EVO



574-030
Timing tool
Opel, Fiat, Alfa Romeo, Chevrolet
1.4 1.6 1.8 16V
Petrol



620-050
Timing tool
Fiat, Citroen, Peugeot, PSA
2.2, 2.3, and 3.0



582-010
Timing tool
Alfa Romeo, Fiat, Lancia
1.2 1.4 1.6 1.8 2.0 3.0



584-080
Timing tool
Fiat
1.3 JTD



584-010
Timing tool
Fiat
For most petrol and diesel engines



574-010
Timing tool
Opel, Fiat, Alfa Romeo, Chevrolet
1.4 1.6 1.8 16V;2003-2012 159
Petrol

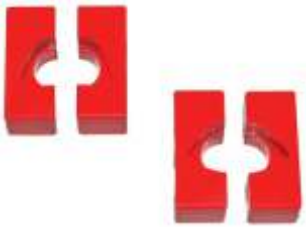
Alfa Romeo Lancia timing tools



592-010
Timing tool
Alfa Romeo
1.4 1.6 16V TS



592-020
Timing tool
Alfa Romeo
1.8 2.0 16V 2.0 TS



592-030
Timing tool
Alfa Romeo
2.5 3.0 V6 24V



574-030
Timing tool
Opel, Fiat, Alfa Romeo, Chevrolet
1.4 1.6 1.8 16V
Petrol



582-010
Timing tool
Alfa Romeo, Fiat, Lancia
1.2 1.4 1.6 1.8 2.0 3.0



574-010
Timing tool
Opel, Fiat, Alfa Romeo, Chevrolet
1.4 1.6 1.8 16V;2003-2012 159
Petrol



582-030
Timing tool
Fiat, Lancia, Alfa Romeo
0.9 TwinAir Turbo



582-040
Timing tool
Alfa Romeo, Lancia
1.75L TBI 2009 ONWARDS ALFA 159, BRERA, GUILIETTA, SPIDER.;LANCIA DELTA



582-020
Timing tool
Fiat, Alfa Romeo, Lancia
1.4
MultiAir

Renault Nissan timing tools



596-010
Timing tool
Renault
2.0 IDE
F5R



596-020
Timing tool
Renault
1.2 1.4 1.5 1.6 1.8 2.0 2.0T
16V CDI
Petrol and diesel



598-010
Timing tool
Renault, Nissan, Opel
1.2 1.4 1.5 1.6 1.8 2.0 2.0T
16V DCI
Petrol and diesel



596-030
Timing tool
Renault
16V
K4J / K4M / F4P / F4R



596-040
Timing tool
Renault
1.2 1.4 1.6 1.8 2.0 2.2 2.5
16V 20V D/TD
Petrol and diesel



598-020
Timing tool
Renault, Nissan, Opel
1.5 1.9 2.2 2.5
Diesel



594-010
Timing tool
Renault, Nissan
16V
D4F / K4J / K4M / F4P / F4R / F4Rt / F5R740 / K9K / FR4720



588-010
Timing tool
Fiat, Iveco, Opel, Citroen, Peugeot, Renault
2.5 2.8
TDI / JTD / HDI / D



584-080
Timing tool
Fiat
1.3 JTD



594-020
Timing tool
Renault, Nissan
3.0
DCI



594-030
Timing tool
Renault, Nissan
1.6
DCI



596-050
Timing tool
Renault
2.0
CDI
Diesel

Renault Nissan timing tools



598-030
Timing tool
Renault, Nissan, Opel
1.5 1.9 2.0 2.2
DCI



600-010
Timing tool
Renault, Volvo
1.6 1.8 1.9 2.0 2.2 2.3 2.4 2.5
16V 20V



602-010
Timing tool
Ford
1.25 1.4 1.6 2.0 16V

Ford Mazda JLR timing tools



604-010
Timing tool
Volvo
1.8 2.0
16V



606-010
Timing tool
Ford, Mazda
1.25 1.4 1.6 1.7 1.8 2.0
16V



606-020
Timing tool
Ford, Mazda
1.25 1.4 1.7 1.8 2.0 16V



606-030
Timing tool
Ford, Mazda
1.25 1.4 1.6 1.7 2.0 16V 1.8 TDI



602-020
Timing tool
Ford
1.6
TI-VCT



602-030
Pulley lock
Ford
1.6



616-110
Timing tool
Jaguar Land Rover 2.0 GTDi
JLR 2.0 GTDI Petrol
Jaguar XE, XF, GTDi, XJ
Discovery Sport, Freelander 2
Range Rover Evoque
Engine code 204PT.



594-040
Timing tool
Nissan, Renault
2.0 2.3 DCI
Chain driven diesel engines
Engine codes M9R, M9T

Ford Mazda JLR timing tools



572-340
Timing tool
VW, Audi, Ford
2.3 2.8 2.9
AAA / ABV / AES / AGZ / AMY / AFP / AZX



588-020
Timing tool
Fiat, Iveco, Ford, Citroen, Peugeot
2.2
TDCI / JTD / HPI



602-180
Timing tool
Ford
3.5 3.7 4.0



602-190
Timing tool
Ford
1.5 Ecoboost



602-145
Timing tool
Ford
2.0 TDCI
ECO BLUE BELT IN OIL
FORD TRANSIT(2016-), RANGER(2019-)
(YLFS, YMFS, YLF6, YMF6, YNF6, YLR6, YMR6, YNR6)



608-050
Timing tool
Ford, Volvo
2.5 Turbo Petrol



602-040
Timing tool
Ford
1.6
TI-VCT



608-010
Timing tool
Ford, Volvo
1.6
EcoBoost



602-050
Timing tool
Ford
1.6
EcoBoost



608-020
Timing tool
Ford, Volvo
1.6
EcoBoost



602-060
Timing tool
Ford
1.6
TI-VCT TDI



602-070
Timing tool
Ford
1.8
TDDI / TDCI

Ford Mazda JLR timing tools



606-040
Timing tool
Ford, Mazda
1.25 1.3 1.4 1.6 1.8 1.9 1.9T 2.0 2.5T
Petrol and diesel



606-050
Timing tool
Ford, Mazda
1.25 1.4 1.6 1.8 2.0 2.4
Petrol and diesel



602-080
Timing tool
Ford
1.25 1.4 1.6 1.7 1.8 2.0
VCT-TI / TDCI / DI / TDDI
Petrol and diesel



602-090
Timing tool
Ford
2.0T
TI-VCT



606-060
Timing tool
Ford, Mazda
1.8 2.0 2.3



610-010
Timing tool
Ford, Mazda, Volvo
1.6 2.0



602-100
Flywheel lock
Ford
1.25 1.4 1.6 1.7 1.8 2.0 2.2



612-010
Timing tool
Ford, Volvo, Peugeot, Citroen, Land Rover
2.0 2.2



602-110
Timing tool
Ford
1.25 1.4 1.6 1.7 1.8 2.0
16V



602-120
Injection pump tool
Ford
2.0 2.4
16V



602-130
Timing tool
Ford
2.0 2.2 2.4
Diesel



602-140
Timing tool
Ford
1.0 Ecoboost
3 Cylinder

Ford Mazda JLR timing tools



602-150
Timing tool
Ford
2.2 3.2
TDCI



612-020
Timing tool
Ford, Citroen, Peugeot
1.4 1.6 2.0 2.4
8V 16V TDCI TDI HDI



602-160
Timing tool
Ford
1.6 1.8 2.5
D / TD



612-030
Timing tool
Ford, Land Rover, Jaguar
4.0 Petrol
SOHV Engines V6



602-170
Timing tool
Ford
1.5T 3 Cylinder
Belt driven engine



608-030
Timing tool
Ford, Volvo
2.5T
HUBA / HUWA / HYD



606-070
Timing gear puller
Ford, Mazda
1.8 2.5
TDCI / TCI / TDDI



606-080
Timing tool
Ford, Mazda
1.8 2.0 2.3T
SCI / LF / L3



604-060
Crankshaft holding tool
Volvo
5 and 6 Cylinder engines



624-010
Timing tool
Honda Mazda Subaru
Master set



616-100
Timing tool
Jaguar Land Rover Rover 2.0
Jaguar E-Pace (2017-), F-Pace (2016-), XE (2015-) and XF (2015-). Land Rover Discovery (2017-), Discovery Sport (2015 - 2019), Range Rover Evoque (2015 - 2019), Range Rover Sport (2016 - 2018) and Range Rover Velar (2017-)



776-030
Fuel injection pump locking tool
Ford
2.2 3.2 TDCI

Ford Mazda JLR timing tools



616-010
Timing tool
Land Rover, Jaguar
4.2 4.4
V8



616-020
Timing tool
Land Rover, Jaguar
2.7
276D / 276DT



612-030
Timing tool
Land Rover, Jaguar, Ford
4.0 Petrol
SOHV Engines V6



562-330
Socket vanos
BMW and Ford
16 Pins



776-090
Fuel pump camshaft alignment tool
Jaguar Land Rover
508PN AJ-133 and
508PS AJ-133



616-050
Crankshaft sensor locking tool
Land Rover, Jaguar
3.0 3.6
Diesel



566-010
Timing tool for BMW, Opel, Land Rover, Range Rover
2.5 TDS



616-060
Timing tool
Jaguar, Land Rover, Rover
3.0 V6 Petrol engine
Set of 3 parts
OEM # 303-1303, 303-1304
303-1621



616-030
Timing tool
Jaguar, Land Rover
2.0



616-040
Timing tool
Land Rover, Jaguar
3.0 5.0



618-010
Timing tool
Land Rover, Rover
2.0 2.5 V6
Petrol



616-070
Crankshaft holding tool
Jaguar, Land Rover
3.0 V6, 5.0 V8



566-020
Timing tool for BMW, Land Rover, Range Rover, Rover and Opel
M41 / M47 / M47TU
M47T2 / M47R M51
M57 / M57TU
M57T2 2.0 3.0
204D3, Td4, Td6



776-040
Locking tool injection pump
LAND ROVER JAGUAR
TDV6



616-080
Timing tool for Jaguar, Land Rover
2.0 2015 Onwards.
Engine codes AJ-200D, 204DT,
AJ200D, AJ200, 204DTD



616-090
Timing tool
Jaguar, Land Rover
3.6 V8 TDV8
Diesel engines

Volvo timing tools



600-010
Timing tool
Renault, Volvo
1.6 1.8 1.9 2.0 2.2 2.3 2.4 2.5
16V 20V



604-020
Timing tool
Volvo
1.6 2.0
T4 T5



604-030
Timing tool
Volvo
2.0
T4 T5



604-050
Timing tool
Volvo
850 960 S40 S60 S70 S80



604-040
Timing tool
Volvo
2.0 3.0 3.2
T6



614-010
Timing tool
Volvo, Land Rover
3.0 3.2
T6



610-010
Timing tool
Ford, Mazda, Volvo
1.6 2.0



602-110
Timing tool
Ford
1.25 1.4 1.6 1.7 1.8 2.0
16V



608-050
Timing tool
Ford, Volvo
2.5 Turbo Petrol



606-020
Timing tool
Ford, Mazda
1.25 1.4 1.7 1.8 2.0 16V



604-010
Timing tool
Volvo
1.8 2.0
16V



606-030
Timing tool
Ford, Mazda
1.25 1.4 1.6 1.7 2.0 16V 1.8 TDI

Volvo timing tools



616-030
Timing tool
Jaguar, Land Rover
2.0



608-030
Timing tool
Ford, Volvo
2.5T
HUBA / HUWA / HYD



604-060
Crankshaft holding tool
Volvo
5 and 6 Cylinder engines

Citroen / Peugeot timing tools



620-010
Timing tool
Citroen, Peugeot
HPI / HDI
Petrol and diesel



620-020
Timing tool
Citroen, Peugeot
1.8 2.0 16V
6FZ / RFN



620-030
Timing tool
Citroen, Peugeot
1.4 16V



568-010
Timing tool
BMW, Mini, Citroen, Peugeot
N12 / N14
1.4 1.6
Petrol



620-040
Timing tool
Peugeot, Citroen
1.0 1.2 VTI
Petrol



612-010
Timing tool
Ford, Volvo, Peugeot, Citroen, Land Rover
2.0 2.2



588-010
Timing tool
Fiat, Iveco, Opel, Citroen, Peugeot, Renault
2.5 2.8
TDI / JTD / HDI / D



620-050
Timing tool
Fiat, Citroen, Peugeot, PSA
2.2, 2.3, and 3.0

Toyota Honda Mitsubishi timing tool



622-010
Timing tool
Toyota Mitsubishi
Master set
Petrol and diesel



626-010
Harmonic damper pulley socket
Honda
50mm Hexagon
1/2" Drive



624-010
Timing tool
Toyota Honda Mazda Subaru
Master set
Petrol and diesel

Dodge Jeep Chrysler Chery timing tools



628-010
Timing tool
Chrysler, Jeep, Dodge, Chevrolet
2.8
Diesel



570-010
Timing tool
Mercedes Benz, Chrysler, Jeep
CDI 2.0 2.2 2.7 3.3 4.0
D-DT 2.0 2.2 2.5 2.9 3.0
Petrol 1.8 2.0 2.3



628-020
Timing tool
Chrysler, Jeep
2.5 2.8
CRD



630-010
Timing tool
Chery
A3, A5, Tiggo
SQR481, 484



628-030
Timing tool
Chrysler, Jeep, Dodge, Chevrolet
2.8
Diesel



582-030
Timing tool
Fiat, Lancia, Alfa Romeo
0.9 TwinAir Turbo



582-020
Timing tool
Fiat, Alfa Romeo, Lancia
1.4
MultiAir

Universal timing tools



632-040
Timing tool fuel pump
Universal
Diesel engines
Bosch, EP/VE Rotory, Kikki, Nippon Denso,
Cav Roto Diesel, and Top Entry fuel pumps
Alfa Romeo, Audi, BMW, Daihatsu, Fiat, Ford,
Isuzu, Iveco, Lancia, Land Rover, Mazda, Mitsubishi,
Nissan, Renault, Rover, Vauxhall, VW, and more



632-010
Timing tool
Universal
Single overhead and twin cam engines

Crank pulley locking tools



634-050
Crankshaft holding tool
2.0L, 2.2L, 2.4L & 3.2L
Duratorq Di, TDDi & TDCi diesel engines
(from 2001)



634-010
Pulley locking tool
Universal
21 - 100mm Diameter between holes



634-020
Pulley locking tool
Universal
Movable arm

Crankshaft holding / locking tools



634-030
Crankshaft lock
BMW
N12 / N14 / N40 / N42 / N45 / N46 / N52



634-040
Crank pulley holding tool
VW, Audi
TSI / TFSI
1.8 2.0
Petrol



572-450
Timing belt tensioner spanner
VW, Audi
TSI / TFSI
1.2 1.4



572-460
VW Audi adjustment tool
Belt tension adjustment tool



564-070
Flywheel lock (Mercedes Benz)
Suitable for M651 series



604-060
Crankshaft holding tool
Volvo
5 and 6 Cylinder engines

Motorcycle magneto puller



636-010
Motorcycle magneto puller
Suitable for most motorcycles

Pulley removing tool



638-010
Pulley holding tool
V Groove
Used for clamping and holding V groove pulleys



638-020
Hand impact wrench
Remove nuts effortlessly with this tool where limited space is available

Timing belt tools



640-010
Cam belt tension gauge
Universal
Suitable for belts with various thicknesses



640-030
Stretch belt installer
4 Piece. Suitable for a wide range of motor vehicles

Torque wrench



642-010
Torque wrench 1/2" drive
Torque in both directions
Capacity 0 to 300Nm

Torque angle gauge



644-010
Torque angle gauge
Work with 1/2" drive ratchet. Easy to read the dial, calibrated in degrees



Digital torque adaptor
651-010 40-200Nm
651-020 200-1000Nm
Measure torque accurately

Torque multiplier



Torque multiplier
By using a smaller torque wrench, much higher torques (5 times more) can be obtained

Code	Ratio	Torque	Drive
646-010	5:1	2000Nm	1/2" & 1"
646-020	5:1	2700Nm	3/4" & 1"

Torque wrenches





Torque wrench
Forward & reverse (torque in forward (clockwise) position)
Lock to prevent accidental torque adjustment settings
Calibration certificate included

Code	Range	Drive	Code	Range	Drive
648-010	5 to 25Nm	1/4"	**648-050**	70 to 340Nm	1/2"
648-020	5 to 25Nm	3/8"	**648-060**	65 to 450Nm	3/4"
648-030	20 to 110Nm	3/8"	**648-070**	140 to 980Nm	1"
648-040	42 to 210Nm	1/2"			

Torque wrench
Dial type for easy and accurate settings
Calibration certificate included

Code	Torque	Drive	Code	Torque	Drive
650-005	5 to 25Nm	1/4"	**650-060**	80 to 400Nm	3/4"
650-020	10 to 50Nm	3/8"	**650-070**	150 to 700Nm	3/4"
650-030	20 to 100Nm	1/2"	**650-080**	300 to 1000Nm	3/4"
650-040	40 to 200Nm	1/2"	**650-090**	700 to 1500Nm	1"
650-050	60 to 300Nm	1/2"			





642-020
Torque wrench
Dial type 0.8 - 4Nm
Suitable for checking pre-loads on diffs and gearboxes.

Torque wrench
With interchangeable bits
Calibration certificate included

Code	Torque	Bit size	Code	Torque	Bit size
652-010	4 to 20Nm	9 x 12mm	**652-050**	40 to 200Nm	14 x 18mm
652-020	10 to 60Nm	9 x 12mm	**652-060**	60 to 340Nm	14 x 18mm
652-030	20 to 100Nm	9 x 12mm	**652-070**	100 to 600Nm	14 x 18mm
652-040	20 to 100Nm	14 x 18mm	**652-080**	200 to 1000Nm	14 x 18mm

Interchangeable bits





Open end insert tool

Code	Size	Square	Code	Size	Square
654-010	7mm	9 x 12mm	**656-010**	13mm	14 x 18mm
654-020	8mm	9 x 12mm	**656-020**	14mm	14 x 18mm
654-030	9mm	9 x 12mm	**656-030**	15mm	14 x 18mm
654-040	10mm	9 x 12mm	**656-040**	16mm	14 x 18mm
654-050	11mm	9 x 12mm	**656-050**	17mm	14 x 18mm
654-060	12mm	9 x 12mm	**656-060**	18mm	14 x 18mm
654-070	13mm	9 x 12mm	**656-070**	19mm	14 x 18mm
654-080	14mm	9 x 12mm	**656-080**	22mm	14 x 18mm
654-090	15mm	9 x 12mm	**656-090**	24mm	14 x 18mm
654-100	17mm	9 x 12mm	**656-100**	27mm	14 x 18mm
654-110	18mm	9 x 12mm	**656-110**	30mm	14 x 18mm
654-120	19mm	9 x 12mm	**656-120**	32mm	14 x 18mm
654-130	21mm	9 x 12mm	**656-130**	36mm	14 x 18mm
654-140	22mm	9 x 12mm	**656-140**	38mm	14 x 18mm
			656-150	41mm	14 x 18mm
			656-160	46mm	14 x 18mm

Ring insert tool

Code	Size	Square	Code	Size	Square
658-010	10mm	9 x 12mm	**660-010**	16mm	14 x 18mm
658-020	11mm	9 x 12mm	**660-020**	17mm	14 x 18mm
658-030	12mm	9 x 12mm	**660-030**	18mm	14 x 18mm
658-040	13mm	9 x 12mm	**660-040**	19mm	14 x 18mm
658-050	14mm	9 x 12mm	**660-050**	24mm	14 x 18mm
658-060	16mm	9 x 12mm	**660-060**	27mm	14 x 18mm
658-070	17mm	9 x 12mm	**660-070**	30mm	14 x 18mm
658-080	19mm	9 x 12mm	**660-080**	32mm	14 x 18mm
			660-090	36mm	14 x 18mm

Magnetic parts dishes



662-010
Magnetic dish (round)
150mm Diameter



662-020
Magnetic dish (rectangular)
240mm x 140mm

Pick set (scriber)



428-020
Pick and hook set
2 Piece
For removal of bushings, cotter pins, O-rings & seals. Curve hook, 45-degree hook, 90 degree hook, straight pick.

Pick & hook sets



664-010
Mini pick and hook set
4 Piece
For removal of bushings, cotter pins, O-rings & seals. Curve hook, 45-degree hook, 90 degree hook, straight Pick.



664-020
Mini pick and hook set
6 Piece
For removal of bushings, cotter pins, O-rings & seals. Curve hook, 3 x 45-degree hook, 90 degree hook, straight Pick.

Magnetic pick up tool



666-010
Pick up tool
Length 580mm. Telescopic, magnetic pick up tool with very strong magnet to pick up heavy objects. Weight capacity 3.5Kg.

Magnetic pick up tool



666-020
Pick up tool
Length 525mm. Flexible magnetic pick up with very narrow front end to get into small spaces.

Magnetic pick up tool with light



666-030
Pick up tool
Length 585mm. Flexible magnetic pick up tool with LED light to pick up objects.

Pick up tool with claw



666-040
Pick up tool
Length 610mm. Flexible magnetic pick up tool with mechanical claw to pick up objects.

Pick up tool with claw and light



666-050
Pick up tool
Length 610mm. Flexible magnetic pick up tool with mechanical claw and LED light to pick up objects.

Inspection mirrors



668-010
Inspection mirror
Length 580mm. Telescopic, inspection mirror with small mirror to get into small spaces.



668-020
Inspection mirror
Length 580mm. Telescopic, inspection mirror with large mirror to get into places where space is not a problem. Size of mirror 50mm x 92mm.

Inspection cameras



670-010
Inspection camera
Colour screen. Probe is 1m long with 9mm front camera. Colour screen. Camera uses AA batteries.



670-020
Inspection camera
Removable colour screen with remote data transmission. Camera capable for recording video and images. Probe is 1m long with 9mm front piece. Rechargeable monitor. Colour screen.



670-030
Endoscope (Boroscope)
Articulating front probe to move in any direction. Very small camera 6mm to fit into tiny places. Connects To cell phone. Phone not included.

Lead light



672-010
Inspection light (lead light)
Lead light complete with 5m cable and plug

Inspection lights (lead lights)



672-020
Inspection light
Pen, pocket inspection light with 6 LED lights. Small and compact. Use AA batteries.



672-090
WORK LIGHT TORCH
LED RECHARGEABLE LI ION.



672-040
Inspection light (under bonnet)
Inspection light with 3 very bright cob LED lights. Rechargeable batteries.



672-030
Inspection light (slim type)
Inspection light with cob LED light. Rechargeable batteries.



672-060
Inspection light 625 Lumens
The portable LED work light with a powerful 625 lumen output. Integral pocket clip and strong magnets for hands free use. An additional 200 lumen torch provides a useful spot beam. USB charging cable included.



672-080
COB light
5W COB 1 LED Rechargeable batteries.

Seat / Fender covers



674-010
Fender cover
Universal protective fender cover. Reusable. Made of very durable leather that is water and oil resistant. Magnetic strip is used for easy fitment without the risk of scratching the paint



674-020
Fender cover
Magnetic with scratch resistant material on the bottom. Shaped to follow the contour of the wheel arch. Size 1050mm x 650mm.



676-010
Seat cover
Universal protective cover designed for the front seats of passenger cars. Made from non-woven polypropylene. Reusable. Elastic material sewn into the back of the cover to hold the cover perfectly. Very easy and quick to fit.

Pom pom greaser



678-010
Greaser pom pom
Capacity 300ml

Lever type greaser



678-020
Greaser lever type
Capacity 500ml

Air greaser (pneumatic)



680-010
Greaser lever type
Capacity 500ml

Greaser hand operated



678-030
Greaser hand operated
Complete with container. Capacity 15 Kg

Greaser foot operated



678-040
Greaser foot operated
Capacity 8Kg

Greaser pneumatic



680-020
Greaser pneumatically operated
Complete with 3m hose, control on wheels. Capacity 15 L

Field greaser



678-050
Greaser field type
Complete with hose, control & follower plate to fit a 15Kg bucket

Greaser (pneumatic)



Greaser (pneumatic)	
Complete with hose, control, drum cover & follower plate.	
Code	To fit drum size
680-040	20Kg
680-050	50Kg
680-060	180Kg

Greaser with trolley & reel



680-060
Greaser field type
Complete with hose, control, drum cover, follower plate, drum trolley and hose reel To fit a 180Kg drum

Grease pumps (pneumatic)



Greaser 50:1 Ratio		
Code	Length	Drum capacity
682-010	480mm	20 / 30Kg
682-020	740mm	50 / 60Kg
682-030	940mm	200Kg

Drum covers



Drum cover		
Code	Size	Drum capacity
684-010	330mm	20 / 30Kg
684-020	400mm	50 / 60Kg
684-030	600mm	200Kg

Follower plates



Follower plate		
Code	Size	Drum capacity
686-010	310mm	20 / 30Kg
686-020	400mm	50 / 60Kg
686-030	600mm	200Kg

Drum trolley's



688-010
Trolley
20 / 30 Kg drum



688-020
Trolley
50 / 60 Kg drum



688-030
Trolley
180 Kg drum

Grease couplers



690-010
Grease coupler
4 Jaw



690-020
Grease coupler
Button head 15mm
Pull type



690-030
Grease coupler
Button head 15mm
Push type



690-040
Grease coupler
Button head 22mm

Grease swivels



692-010
Swivel
Straight 1/4"



692-020
Swivel
Z Type 1/4"

Grease controls



694-010
Grease control
Ridget hose with swivel and coupler



694-020
Grease control
Flexible hose with swivel and coupler

Bearing packers



696-010
Bearing packer
Suitable to pack bearings with grease up to a bearing diameter of 88mm



696-020
Bearing packer
Suitable to pack bearings with grease up to a bearing diameter of 150mm

Grease hose



Grease hose		
Code	Length	Fitting
698-010	400mm	1/8"
698-020	1.5m	1/4"
698-030	3m	1/4"
698-040	5m	1/4

Grease hose reel



Hose reel grease	
Code	Hose
700-010	10m
700-020	15m

Oil suction gun



702-010
Suction gun
500ml

Lever type pump



704-010
Lever type transfer pump
Oil & diesel
25L/min

Rotary type pump



704-020
Rotary pump
Oil & diesel
45L/min @ 60RPM

Gear oil dispenser



704-040
Gear oil dispenser
16L Container

Oil pump (pneumatic)



Oil pump stub type
Pneumatic

Code	Volume	Ratio
706-010	21.5L/min	3.5:1
706-020	15.5L/min	5.5:1

Oil pumps (pneumatic)



Oil pump drum type
Pneumatic

Code	Volume	Ratio
706-030	21.5L/min	3.5:1
706-040	15.5L/min	5.5:1

Oil controls



708-010
Oil Control
Rigid nozzle with swivel

Oil controls with meters



708-020
Oil Control
Flexible nozzle with swivel



708-030
Oil Control with meter
Rigid nozzle with swivel



708-040
Oil Control with meter
Flexible nozzle with swivel

Oil hose



Hydraulic oil hose 1/2" BSP Fittings both sides	
Code	Length
710-010	1.5m
710-020	3m
710-030	5m
710-040	10m
710-050	12m
710-060	15m

Oil pumps (pneumatic)



Oil pump stub Pneumatic		
Code	Volume	Ratio
706-050	14L/min	3:1
706-060	14L/min	5:1



Bung adaptor



712-010
Bung adaptor
Necessary to fit drum pumps to a 200L drum. 2" Fitting

Intellegent oil pump



706-110
Pneumatic oil pump with oil monitoring system included
Keeps record of all oil used and. prints report. Keeps theft to a minimum. Warns you when oil level is low. Oil volume up to 35L/min Standard with drum trolley for 210L drum. Completely mobile.

Oil pump drum Pneumatic				
Code	Volume	Ratio	Drum	Length
706-070	14L/min	3:1	50/60L	740mm
706-080	14L/min	3:1	200L	940mm
706-090	14L/min	5:1	50/60L	740mm
706-100	14L/min	5:1	200L	940mm

Oil management system

Oil management system	
Intelligent system that keep record of all oil being dispensed. Control up to 4 dispensing points at a time. Prints reports. Users need passwords to dispense oil. Monitor oil level and automatic warning will sound when minimum levels are reached.	
706-200	Console
706-210	Display
706-220	Flow control
706-230	Level



Level



Console



Display



Flow control

Drum trolley's



688-010
Trolley
20/30L drum



688-020
Trolley
50/60Lg drum



688-030
Trolley
200L drum

Oil hose reels



Hose reel oil	
Code	Hose
714-010	10m
714-020	15m



Hose reel oil	
Code	Hose
714-030	10m
714-040	15m

Drip trays



Drip trays Steel 50mm high	
Code	Length
716-010	50x50cm
716-020	50x80cm
716-030	80x80cm

Oil drains / evacuators



718-010
Oil drain
Capacity 80 L. Bowl 10 L. Pneumatic drain operation. Hose 1.5m



718-030
Oil drain and evacuator in one
Capacity 80 L. Bowl 10 L. Suction time 2 L/min. Pneumatic drain operation. Hose 2m. 7 Suction probes included

Oil drains



718-040
Oil evacuator (manual)
Capacity 7L complete with 4 probes



720-010
Oil drain
16L



Oil drain (Truck)
Trolley type on wheels

Code	Capacity	Size
720-020	60L	90x50x15cm
720-030	240L	150x80x20cm

Sump socket set



722-010
Sump plug socket set
21 Piece

Oil measures



Measuring jug
Complete with lid

Code	Capacity
724-010	1L
724-020	2L
724-030	5L

Funnels



Funnel
Complete with lid

Code	Size
726-010	180mm
726-020	200mm

Oil cans



Oil can
With brass internals

Code	Container
728-010	300ml
728-020	500ml
728-030	700ml

Oil drum trolley's



730-010
Drum trolley
With this trolley it's easy to lift and move 200L drums 250mm rubber wheels



730-020
Drum decanting trolley
Capacity 220Kg
Suitable for 200L drums

Oil filter cups / wrenches

732-030
Oil filter cup set
30 Piece set

Code	Size	Flutes	Steps
732-040	66/6 66mm	6 flutes	1 step
732-050	65/14 65mm	14 flutes	1 step
732-060	65-67/14 65-67mm	14 flutes	2 step
732-070	68/14 68mm	14 flutes	1 step
732-080	73/14 73mm	14 flutes	1 step
732-090	74/15 74mm	15 flutes	1 step
732-100	74-76/15 74-76mm	15 flutes	2 step
732-110	75-77/15 75-77mm	15 flutes	2 step
732-120	76/12 76mm	12 flutes	1 step
732-130	76/14 76mm	14 flutes	1 step
732-140	76/30 76mm	30 flutes	1 step
732-150	76/8 76mm	8 flutes	1 step
732-160	78/15 78mm	15 flutes	1 step
732-170	80/15 80mm	15 flutes	1 step
732-180	80-82/15 80-82mm	15 flutes	2 step
732-190	86/16 86mm	16 flutes	1 step
732-200	86/18 86mm	18 flutes	1 step
732-210	90/15 90mm	15 flutes	1 step
732-220	92/10 92mm	10 flutes	1 step
732-230	93/15 93mm	15 flutes	1 step
732-240	93/36 93mm	36 flutes	1 step
732-250	93/45 93mm	45 flutes	1 step
732-260	95/15 95mm	15 flutes	1 step
732-270	96/18 96mm	18 flutes	1 step
732-280	100/15 100mm	15 flutes	1 step
732-290	106/15 106mm	15 flutes	1 step
732-300	108/15 108mm	15 flutes	1 step
732-310	108/18 108mm	18 flutes	1 step
732-320	Adaptor 3/8" x 1/2"		
732-330	3 Jaw Two way oil filter wrench 65-120mm.		



732-020
Oil filter cup set
15 Piece



732-010
Oil Filter Wrench Set
9 Piece

14 flutes x 64.5mm
14 flutes x 64.5mm
15 flutes x 88.8mm
14 flutes x 74.2mm.
16 flutes x 86.6mm.
6 flutes x 27mm
6 flutes x 32mm
6 flutes x 36mm
63-83mm. Universal oil filter wrench 63-83mm.



734-010
Oil filter plier
Locking plier type
53 - 118mm



734-020
Toyota filter cup
14 Flutes x 64.5mm
Steel thickness: 2.5mm
Designed with 6 slots
1/2" Drive or 21mm spanner



734-030
Oil filter wrench 3 Leg
Loosens or tightens oil filters from 2.1/2" to 4.3/4" (60 -120 mm) diameter. Use with 3/8" square drive or 3/4" (19mm) spanner.



734-040
Oil filter wrench two way
Removes all oil filters from 2 1/2"- 4 3/4" (65 - 120 mm). Use with 1/2" or 3/8" square drive tool.



Oil filter wrench
Heavy duty
Swivel type

Code	Range
734-050	60mm to 73mm
734-060	73mm to 85mm
734-070	85mm to 95mm
734-080	95mm to 111mm

Oil filter wrenches



734-090 Oil filter strap
Maximum 152mm filter diameter Nylon



Oil filter straps Leather type	
Code	Range
734-100	Up to 160mm
734-110	Up to 240mm



734-120 Oil filter wrench
Chain type 60 - 140mm



734-130 Oil filter wrench
Chain type Up to 135mm diameter



Oil filter wrench Double chain type	
Code	Range
734-140	60 to 115mm
734-150	60 to 170mm



734-160 Hinged oil filter wrench
Heavy duty chain type Suitable for filter diameters from 60mm to 160mm. Total length of chain: 520mm.

Pumps



Diesel pump 3/4”			
Code	Voltage	Volume	Amps
736-010	12V	50L/min	24A
736-020	12-24V	30-50L/min	6.5-13A



Diesel pump 1”			
Code	Voltage	Volume	Amps
736-030	12V	56L/min	35A
736-040	12-24V	35-70L/min	16-25A



Diesel pump 1”			
Code	Voltage	Volume	Amps
736-050	12V	85L/min	42A
736-060	24V	85L/min	21A



Oil pump				
Code	Voltage	Volume	Amps	Port
736-070	12V	5L/min	22.5A	1/2”
736-080	24V	5L/min	19.5A	1/2”
736-090	12V	10L/min	35A	3/4”
736-100	24V	10L/min	18A	3/4”



736-110 Diesel pump 1"
230V
56L/MIN
3A



Diesel / oil pump 1”			
Code	Voltage	Volume	Amps
736-120	230V	25L/min	5.5A
736-130	230V	50L/min	6.5A

Pump kits



736-140 Oil pump 1"
230V
14L/MIN
6A



Petrol AVGAS pump 1”			
Code	Voltage	Volume	Amps
736-150	12V	50L/min	21A
736-160	230V	50L/min	1A



Diesel pump 3/4” kit			
Code	Voltage	Volume	Amps
738-010	12V	50L/min	22A
738-020	24V	50L/min	13A



Diesel pump 1” kit			
Code	Voltage	Volume	Amps
738-030	12V	56L/min	35A
738-040	12-24V	35-70L/min	16-25A



738-050 Diesel pump 1"kit
12V
80L/MIN
22A



Oil pump 3/4” kit			
Code	Voltage	Volume	Amps
738-060	12V	10L/min	22A
738-070	24V	10L/min	18A

Pump kits



Diesel pump 1” kit				
Code	Voltage	Volume	Amps	Meter
738-080	12V	80L/min	44A	No
738-090	12V	80L/min	44A	Yes
738-100	24V	80L/min	22.5A	No
738-110	24V	80L/min	22.5A	Yes



Diesel pump kit					
Code	Voltage	Volume	Amps	Meter	Port
738-120	230V	56L/min	44A	No	1”
738-130	230V	56L/min	44A	Yes	1”
738-140	12-24V	35-70L/min	16A	Yes	3/4”



Petrol AVGAS pump kit				
Code	Voltage	Volume	Amps	Port
738-210	12V	50L/min	21A	1”
738-220	230V	50L/min	1A	1”



Petrol AVGAS pump kit				
Code	Voltage	Volume	Amps	Port
738-230	12V	50L/min	21A	1”
738-240	230V	50L/min	1A	1”

Flow meters



740-010
Diesel flow meter
1” Ports
Maximum flow 100L/min
Maximum 10Bar
4 Digit display



740-020
Diesel flow meter
1” Ports
Maximum flow 100L/min
Maximum 10Bar
3 Digit display



740-030
Petrol AVGAS flow meter
1” Ports
Maximum flow 100L/min
Maximum 10Bar
3 Digit display



740-040
Flow Meter diesel / oil 1/2”
Flow rate of 30 L/min
Max Pressure of 70 Bar
5 Digit Display.



Flow meter 1” port			
Code	Material	Volume	Pressure
740-050	Diesel	120L/min	20Bar
740-060	Petrol	120L/min	20Bar

Fuel control



742-010
Manual Nozzle 1"
Flow rate of 120 L/min
complete with swivel

Fuel controls



742-020
Manual Nozzle 1"
Flow rate of 150 L/min complete with swivel



742-030
Automatic Nozzle 1"
Flow rate of 120 L/min complete with swivel

Filters (oil, diesel, petrol & AVGAS)



Filter 1" Port

Code	Volume	Combination	Microns
744-010	60L/min	Head & Filter	10
744-020	60L/min	Head only	
744-030	60L/min	Filter only	10
744-040	100L/min	Head & Filter	10
744-050	100L/min	Head only	
744-060	100L/min	Filter only	10

Water absorbing filter (diesel, petrol & AVGAS)



Filter (Water captor) 1" Port

Code	Volume	Combination	Microns
746-010	70L/min	Head & Filter	30
746-020	70L/min	Head only	
746-030	70L/min	Filter only	30
746-040	150L/min	Head & Filter	30
746-050	150L/min	Head only	
746-060	150L/min	Filter only	30

Hose (diesel, petrol & AVGAS)



748-010
Hose with 1" fitings both sides
Length 4m
Maximum pressure 10Bar



Hose reel diesel

Code	Hose	Diameter
750-010	10m	20mm
750-020	10m	25mm

Pump and drum accessories



752-010
Drum connector without flange 2" x 1"
Drum connector with flange. Top section connects to pump and bottom section connects to riser tube.



752-020
Drum connector with flange 2" x 1"
Drum connector with flange. Top section connects to pump and bottom section connects to riser tube.



752-030
Drum connector quick type 2" x 1"
Quick connector. Top section connects to pump and bottom section connects to riser tube.



752-040
Flange 1"
Flange specially designed to connect to most pumps, drum connectors etc. A perfect connection is made by o rings.



752-050
Riser tube 1"
Riser tube can be connected via drum connectors or directly onto pumps to suck material out of drums. Riser tube is extendable to accommodate various drum capacities.

Parts cleaners



754-020
Parts cleaner
Single brush
40 L container 230V Single phase
No bleeding necessary and easy to clean. Stand alone unit.



754-030
Parts cleaner
Double brush
40 L container 230V Single phase
No bleeding necessary and easy to clean. Stand alone unit.

Parts cleaner brush



754-040
Parts cleaner brush
Nylon
Replaceable brush for parts cleaners. Hole through center for chemical to flow.

Pressure washers



756-030
Pressure washer (cold water)
Semi industrial type
5 m hose. 95 Bar pressure
6 L/min (360 L/hour)
230V Single phase 1850W
Not recommended for constant use



Pressure washer (cold water)
Industrial professional type

Code	Pressure	Volume	Voltage
756-010	120Bar	12L/min	220V
756-020	150Bar	15L/min	380V

Sand blaster



764-040
Sand blaster
Tank 80L.
Ideal for large jobs.

Vacuum cleaner



760-010
Vacuum cleaner
2 x 1200 W motors.
100 L per second vacuum power
70 L tank. 230V.

Paraffin spray gun



762-010
Paraffin spray gun
1L cup capacity

Sand blasters



764-010
Sand blasting gun
Sandblaster needs a medium to large size compressor to operate.



764-020
Sand blaster (bench top model)
Internal dimension 560 x 460 x 280mm
Sandblaster needs a medium size compressor to operate.



764-030
Sand blaster on stand
Internal dimension 600 x 840 x 630mm
Includes foot operated pedal. Sandblaster needs a large compressor to operate

Injector tester & cleaner (petrol)



766-010
Injector tester and cleaner
Tester supplied with most adaptors for electrical and mechanical petrol injectors. Injectors can be tested on bench and cleaned with ultrasonic bath. Test 8 or clean 8 injectors simultaneously. Adaptors and ultrasonic bath included

766-020
Ultrasonic bath
Ultrasonic bath supplied with injector tester but available separately if required. Fluid capacity 1L.



766-040
Injector testing fluid
To be used inside injector tester. 5L Container.

766-050
Ultrasonic bath fluid
To be used in ultrasonic bath. 5L Container.

Injector tester (diesel)



766-030
Injector tester (diesel)
Also known as a pop tester
Maximum pressure 60Bar

Injector tools



768-030
Diesel injector / sensor socket set
14 Piece.
A comprehensive set of sockets to remove and install diesel injectors and lambda sensors. 17 to 30mm bi-hexagon and 20 to 22mm hexagon sockets.



768-010
Injector socket set
4 Piece. 22mm Hexagon socket 22, 27 and 28mm bi-hexagon sockets



768-020
Sensor socket set
7 Piece.
A comprehensive set to remove and install a wide range of oxygen and oil pressure sending units



770-010
Injector shaft cleaning set
28 Piece
To be used to clean o ffcarbon on shafts prior to replacing injectors



772-010
Diesel injector seat cutter set
7 Piece.
To clean and re-cut the injector seats of modern common rail diesel engines



772-020
Diesel injector seat cutter set
17 Piece.
To clean and re-cut the injector seats of modern common rail diesel engines



774-010
Master injector puller set
Master set to remove almost any diesel injector that is stuck. Kit includes 4 different sliding hammers.



774-070
Pneumatic injector puller set
Very easy to remove stuck diesel injectors.Pneumatic action requires no effort from operator.



774-080
VW Audi VAG Injector puller
FSI Diesel engines. 1.4 1.6 1.8 2.0 2.7V6 3.0V6 3.2V6 4.2V8

Injector tools



774-020
Diesel injector puller
Assists with the removal of stubborn Bosch and Lucas diesel injectors. With M8, M12, M14 adaptors. Length: 230mm



774-030
Injector puller set
This 3 piece diesel injector puller set comes complete with an extractor key for removing the inner part of the Bosch injectors.



774-040
Injector puller set
To be hooked on base (overhead or sideways). Slide hammer for easy removal. Suitable for most Bosch injectors.



774-100
Injector puller set VW and Audi
Quick extraction of diesel injectors - Fitted to VW and Audi engines. 0.7Kg slide hammer 1.4 SDI / TDI, 1.9 D / SF TDI / TDI(PD), 2.0 TDI / TDI(PD), 2.8 TDI(PD).



774-090
Injector puller set
Suitable for the fast and safe removal of Bosch, Delphi, Denso and Siemens diesel injectors. Slide Hammer, 1/2"Sq drive sockets 25, 27, 29, 30mm and ball joint.



774-060
Injector puller set
Suitable for the fast and safe removal of Bosch, Delphi, Denso and Siemens diesel injectors. 2 x Slide hammers, 1/2"Sq drive sockets 25, 27, 29, 30mm and ball joint.



774-050
Injector puller set
Can be hooked on base or fitted to injector intake. Slide hammer for easy removal. Suitable for most Bosch injectors.



776-010
Injector pump puller BMW
Diesel



776-020
Injector pump puller BMW
Diesel



776-100
Fuel injector seal installer / remover
A set of fitting aids to enable the operator to correctly fit the Teflon seal (or ring) onto a BMW fuel injector prior to refitting the fuel injector to the cylinder
BMW N13, N14, N18, N20, N26, N43, N55, N63, N74, S55, S63, B38, B48



776-110
Diesel pump sprocket puller
Suitable for Ford Transit (2011) onwards. 2.2L TDCi.
Land Rover Defender 2.2L TD4 (2001 - 2015).



776-030
Injection pump locking tool
Suitable for all 2.2 and 3.2 Ford TDCI engines



776-040
Injection pump lock Land Rover, Jaguar
3.0 TDV6



776-050
Injection pump lock Mercedes Benz
601, 602, 603



776-120
Diesel Pump Sprocket Remover
2.2L and 2.5 Renault diesel engines
Also found in Nissan and Opel



776-060
Oxygen sensor socket
22mm



776-070
Oxygen sensor socket
22mm



776-080
Diesel injector socket
MAN, Mercedes Benz

Automatic transmission service station



778-010
Automatic transmission oil exchanger & cleaner
Can be used in manual or automatic cycle.
Easy to use with only 4 buttons. Measurement of delivery and return pressures. User friendly software.
Two scales and pumps with oil temperature measurement.
Automatic discharge of old oil with removable new and used oil tanks. Includes assortment of fittings to connect most transmissions. 220V Single phase.

Transmission jacks (trolley type)



780-005
Transmission jack
Trolley type
1 Ton capacity
Transmission jack with adjustable cradle
Minimum height 175mm
Maximum height 675mm



780-020
Transmission jack
Trolley type
2 Ton capacity
Transmission jack with adjustable cradle
Minimum height 210mm
Maximum height 960mm

Transmission jacks (pit / lift type)



782-010
Transmission jack
Pit / Lift type
500Kg capacity
Transmission jack with fork
Minimum height 1135mm
Maximum height 1950mm



782-015
Transmission jack
Pit / Lift type
500Kg capacity
Transmission jack with adjustable cradle
Minimum height 1270mm
Maximum height 2075mm



782-030
Transmission jack
Pit / Lift type
1 Ton capacity
Transmission jack with adjustable cradle
Minimum height 855mm
Maximum height 1845mm

Gearbox tools



777-010
Automatic gearbox dispenser
Two way dispenser to dispense or extract fluid in or out of a automatic gearbox. Complete with most fittings to connect to gearboxes.

Clutch tools



784-010
Clutch alignment tool
Operation range: ø14.4 - 29mm



784-050
Clutch installation kit (DSG)
Suitable for VAG vehicles



784-020
Cluth Alignment Tool SAC
For fast and professional disassembly & assembly of SAC clutches. Fits on most SAC clutches with 3 and 4 hole systems



608-040
Clutch dual dry (Ford Volvo)
Transmission reset and installation kit



784-030
Clutch tool (Audi and VW) DSG
Clutch assembly and disassembly device

Clutch tools



784-040
Clutch tool (Audi and VW) DSG
Clutch assembly and disassembly device



786-010
Mechatronic unit remover (DSG)
Specially designed to remove load from plungers of mechatronic unit when you insert the tool between clutch lever and gear housing



Lock ring pliers
Right angle knurled tips hold rings securely

Code	Length
786-020	250mm
786-030	350mm

CV Tools



788-010
CV Boot clamp plier
Crimp and flattens ear-type clamps found on CV joint boots also to be on quick clamps on fuel filters and cooling system hoses



788-020
CV Joint clamp banding plier
Tool for installing CV Bands. Includes built-in cutter



788-015
CV Boot installation tool
Pneumatically operated



788-050
CV Joint CV Joint Puller
For front wheel drive cars (including 4x4) & vans

Exhaust tools



788-030
CV Band
Stainless steel 6mm x 30m roll



788-040
Buckle
Stainless steel buckle to fit 6mm band



790-010
Tailpipe & tubing cutter
Quickly cuts exhaust and tail pipes in confined areas. Cuts thin wall copper and steel tubing from 19 - 83mm (3/4" to 3") in diameter



790-020
Tailpipe & tubing cutter
Vice grip handle design cuts pipes easily without needing to exert pressure. Simply turn adjustment T bar in handle for further force. Can cut up to 2.5 mm thickness. Capacity 19 - 83 mm OD



792-010
Exhaust expander
Tail pipe reshaper



794-010
Exhaust spring clamp remover and installer
Essential for safe, controlled removal of clamps which attach the exhaust to the manifold.



462-010
Exhaust back pressure tester
Easy to detect blocked catylic converters or exhausts

Spray booth



796-010
Spray Booth Car
380V 3 Phase
Outside dimension L 7m x W 5,2m x H 3.6m.
Inside dimension L 6.9m x W 3.9m x H 2.8m
Vehicle door W 3.2m x H 2.7m, Personnel door W0.8m x H 2m
Available with diesel burner or infrared heaters
32 Explosion proof ceiling lights included

Collision repair bench



798-010
Collision repair system (Car bench)
Complete with twin boom system capable of pulling 360 degrees
Platform length 5200mm Width 2100mm Height 500mm.
Pulling power per post is 9.5 Ton
Lifting capacity 3000Kg. Easy to use, and fast and very accurate.
Supplied complete with assortment of pulling clamps, chains and anchoring equipment.

Chassis straightener



798-020
Chassis straightener
Complete with single swivel boom. Supplied complete with sill clamps, cross tube, cross tube stands, pull clamps and pull chains.

Spot weld dent puller



800-010
Electrical spot weld dent puller
3000A Dent puller on trolley. Includes slide hammer with an assortment of rivets to use. 220V Single phase

Body / Chassis repair kits



802-005
Body repair kit
4 Ton Capacity



802-010
Body repair kit
10 Ton Capacity



802-020
Body repair kit
20 Ton Capacity
Supplied in two metal cases

Manual hydraulic pump



804-010
Hydraulic hand pump
10 Ton Capacity
700 Bar
10 000 PSI

Air hydraulic pump



806-010
Hydraulic foot pump
10 Ton Capacity
700 Bar
10 000 PSI
3.1 L Tank

Trim tools



808-020
Trim remover tool
Ideal for removing plastic upholstery fasteners on doors and other applications



808-040
Trim remover set
11 Piece. Easily remove clips on trim and do other upholstery work, without damaging painted surfaces



808-030
Trim remover set
5 Piece. Easily remove clips on trim and do other upholstery work, without damaging painted surfaces

Speed file



810-010
Speed file
Holds 350mm body file. Holder only. File not included. File adjustable as required.



Body file (Speed file) 350mm

Code	Teeth
810-020	9 TPI
810-030	12 TPI

Dolly's



812-010
Dolly
Multi type



812-020
Dolly
Double ended



812-030
Dolly
Curved

Body repair kit



812-040
Dolly
Toe



814-010
Body repair set
6 Piece. Set includes 2 hammers, 3 dollies and 1 moulding spoon

Dent puller



816-010
Dent puller set
9 Piece. 2.5Kg Sliding hammer to remove dents effortlessly.

Body repair tools



818-010
Panel beating hammer
Heavy shrinking hammer (flat face)
Milled face



818-020
Panel beating hammer
Pick hammer
Crowned face



818-030
Panel beating hammer
Straight peen and finishing hammer
Crowned face

Hand sander



820-010
Hand sander
Sand paper size 70mm x 430mm
Base length 400mm



820-020
Sanding block
Sand paper size 212mm x 106mm
ABS Plastic material

Door opening holder



822-010
Door opening holder set
Size 74mm to 115mm
Adjustable anywhere in between

Spot weld cutter



822-020
Spot weld cutter set
9 Piece. For drilling out spot welds on most body panels. Includes 1 x 5/16" and 1 x 3/8" cutters with 2 cutters spare on both sizes.

Windscreen removal tool



822-030
Windscreen (windshield) removal tool
7 Piece. Includes stainless steel wire, 2 x Handles, removal tool, wire feeder tool, trim pad remover, windshield molding release tool

Airbag removal tool



822-040
Airbag removal tool set
12 Piece. Suitable for VW, Audi, BMW, Opel, Renault and Mercedes Benz vehicles

Rivnut tool



350-080
Rivnut tool
5mm, 6mm, 8mm and 10mm capacity
Length 320mm. Comes with an assortment of rivnuts. Various shapes of rivnuts available on request.

Positioning jack



030-020
Positioning jack
Hydraulic type
700Kg Capacity
Suitable to move most cars and 4X4 around. Each dolly capable of supporting 700Kg therefore a vehicle of maximum 2.8 Ton weight

Pull back ram



Pull back ram
Stroke 600mm

Code	Capacity
802-030	2 Ton
802-040	5 Ton

Body repair pull clamps



824-010
Pull clamp
Self locking
100mm 10Ton



824-020
Pull clamp
With yoke
100mm 6Ton



824-030
Pull clamp
Right angle
with yoke
100mm 6Ton



824-040
Clamp
Anchor Base



824-050
Base set
Chain fixing
with pins



824-060
Base set
Ball pivot
with pins



824-070
Pull clamp
Right angle
without yoke
100mm



824-080
Pull clamp
Self locking
100mm 6Ton



824-090
Base set
Scissors type



824-100
Ball pivot



824-110
Pull clamp
Large hook



824-120
Pull clamp
Wide serrated



824-130
Pull clamp
Box type 2 way



824-140
Pull clamp
Heavy duty
2 way



824-150
Pull clamp
Small mouth



824-160
Pull clamp
Self locking
60mm 10Ton

Arc welders



826-010
Arc welder MMA (Stick)
20-120A. Electrode size up to 2.5mm Inverter type (light weight and portable) Voltage 220V. Includes welding shield and cables. Weight 3.2Kg



826-020
Arc welder MMA (Stick)
20-200A. Electrode size up to 4mm Inverter type (light weight and portable) Voltage 220V. Includes welding shield and cables. Weight 4.35Kg

MIG Welders



826-030
MIG welder (C02)
250A. Welding wire 0.8 to 1mm Voltage 220V. Includes cable and MIG torch. Optional extras, flow meter and gas. Weight 62Kg

TIG Welders



826-040
MIG welder (C02)
350A. Welding wire 0.8 to 1.2mm Voltage 380V. Includes wire feeder, earth cable and MIG torch. Optional extras, flow meter and gas. Weight 143Kg



826-050
TIG / MMA welder AC / DC
Suitable for aluminium welding. 5-200A. Electrode size up to 4mm. Voltage 220V. Includes earth cable, electrode cable, foot operated control and TIG torch. Optional extras, flow meter and gas. Weight 15Kg



826-060
TIG / MMA welder AC / DC
Suitable for aluminium welding. 5-250A. Electrode size up to 5mm. Voltage 380V. Includes earth cable, electrode cable, foot operated control and TIG torch. Optional extras, flow meter and gas. Weight 33Kg

Plasma cutters



826-070
Plasma cutter 5mm
40A. Cutting capacity 0.6 to 5mm Voltage 220V. Includes earth cable and Plasma torch. Optional extra compressor Weight 9Kg



826-080
Plasma cutter 20mm
60A. Cutting capacity 1 to 20mm Voltage 380V. Includes earth cable and Plasma torch. Optional extra compressor Weight 19Kg



826-090
Plasma cutter 30mm
100A. Cutting capacity 1 to 30mm Voltage 380V. Includes earth cable and Plasma torch. Optional extra compressor Weight 19Kg

Gas welding



828-010
Gas welding kit
Includes welding and cutting torch complete with regulators, nozzles, flash back arrestors, nozzle cleaner, hoses, flint lighter and goggles.



Gas regulators	
Code	Description
828-020	Oxygen
828-030	Acetylene

Flow meter



828-040
Flow meter regulator (CO2 / ARGON)
Flow meter with regulator for CO2 or ARGON

Gas welding accessories



Flash back arrestors							
Code	Size	Gas	Mount	Code	Size	Gas	Mount
828-050	3/8''	Oxygen	Reg	**828-090**	9/16''	Oxygen	Reg
828-060	3/8''	Acet	Reg	**828-100**	9/16''	Acet	Reg
828-070	3/8''	Oxygen	Torch	**828-110**	9/16''	Oxygen	Torch
828-080	3/8''	Acet	Torch	**828-120**	9/16''	Acet	Torch



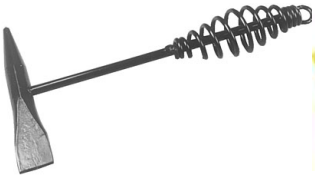
828-130
Flint lighter
Triple head for long life

828-140
Nozzle cleaner
Fold away holder

Welding accessories



828-150
Wire brush
4 Row ideal for welding



828-160
Chipping hammer
Ideal for removing flux



828-170
Welding gloves
Cuff size 204mm

Helmets and goggles



828-180
Welding helmet (flip front)
Helmet with adjustable head strap.
Spare lenses available in request.



828-190
Welding helmet (auto darkening)
Helmet with adjustable head strap.
Fixed darkness shade control.
Spare lenses available in request.



828-200
Welding helmet (auto darkening)
Helmet with adjustable head strap.
Adjustable darkness shade control.
Spare lenses available in request.



828-210
Welding / grinding helmet (auto darkening)
Helmet for welding and grinding with adjustable head strap. Adjustable darkness shade control.
Spare lenses available in request.



828-220
Gas welding goggles (flip front)
Goggles with adjustable head strap.
Can be used for grinding with dark lenses flipped up.



828-230
Grinding goggles
Goggles with adjustable head strap.
Anti dust with high impact.

Cantilever toolboxes







Toolbox cantilever

61 Piece **587-061**

Sockets hexagon 1/2" drive	8 - 32mm	18 Sockets
Ratchet 1/2" drive		
T Bar 1/2" drive 250mm		
Extension bar 1/2" drive 250mm		
Extension bar 1/2" drive 125mm		
Universal joint 1/2" drive		
Spark plug socket 1/2" drive 20.8mm		
Combination spanners	6 - 24mm	18 Spanners
Hammer ball pein 340 g		
Allen key set	1.5 - 10mm	9 Allen keys
Flat screwdrivers	5 - 8mm	3 Screwdrivers
Phillips screwdrivers	No1 - No3	3 Screwdrivers
Diagonal plier	160mm	
Combination plier	170mm	
Long nose plier	160mm	

Toolbox cantilever

Pink 77 Piece **587-177**
Blue 77 Piece **587-277**
Khaki 77 Piece **587-377**

Sockets hexagon 1/2" drive	8 - 32mm	18 Sockets
Ratchet 1/2" drive		
Extension bar 1/2" drive 250mm		
Universal joint 1/2" drive		
Bit set 1/4" drive	32 Piece	
Voltage tester		
Combination spanners	8 - 19mm	11 Spanners
Hammer engineers 340 g		
Flat screwdrivers	4 - 6mm	2 Screwdrivers
Phillips screwdrivers	No1 - No2	2 Screwdrivers
Diagonal plier	160mm	
Combination plier	170mm	
Waterpump plier	250mm	
Shifting spanner (adjustable wrench)	200mm	
Driver 1/4"		
Scissors		
Tape measure 3m		



Toolbox cantilever

62 Piece (Red) plastic inserts **587-062**
62 Piece (Black) foam inserts **589-062**

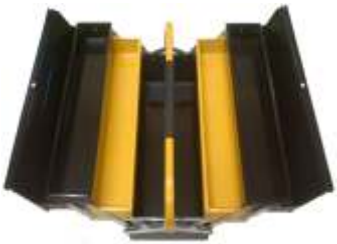
Sockets hexagon 1/2" drive	10 - 32mm	18 Sockets
Ratchet 1/2" drive		
Power bar 1/2" drive 460mm		
T Bar 1/2" drive 300mm		
Wobble extension bar 1/2" drive 55mm		
Extension bar 1/2" drive 125mm		
Extension bar 1/2" drive 250mm		
Universal joint 1/2" drive		
Spark plug socket 1/2" drive 20.8mm		
Combination spanners	6 - 24mm	18 Spanners
Allen key set	1.5 - 10mm	9 Allen keys
Flat screwdrivers	5.5 - 8mm	3 Screwdrivers
Phillips screwdrivers	No1 - No3	3 Screwdrivers
Diagonal plier	160mm	
Combination plier	180mm	
Long nose plier	160mm	

Cantilever toolboxes



Toolbox cantilever 85 Piece **587-085**		
Sockets hexagon 1/2" drive	8 - 32mm	18 Sockets
Ratchet 1/2" drive		
T Bar 1/2" drive 200mm		
Extension bar 1/2" drive 125mm		
Universal joint 1/2" drive		
Spark plug socket 1/2" drive 20.8mm		
Spark plug socket 1/2" drive 16mm		
Combination spanners	6 - 22mm	12 Spanners
Hammer ball pein 340 g		
Allen key set	1.5 - 10mm	9 Allen keys
Torx ket set	T10 - T50	9 Torx keys
Flat screwdrivers	3.5 - 8mm	4 Screwdrivers
Phillips screwdrivers	No1 - No3	3 Screwdrivers
Diagonal plier	160mm	
Combination plier	180mm	
Long nose plier	160mm	
Waterpump plier	250mm	
Locking plier	250mm	
Ratchet screwdriver		
Flat screwdriver bits	3 - 5mm	3 Bits
Phillips screwdriver bits	No1 - No3	3 Bits
Pozi screwdriver bits	No1 - No2	2 Bits
Torx bits	T10 - T15	2 Bits
Measuring tape	5m	
Trimming knife		
Blades trimming knife	5 Blades	

Empty toolboxes



587-100
Cantilever toolbox (empty)
Cantilever toolbox
460 (L) x 200 (W) x 200mm (H)



587-200
Chest toolbox (empty)
Chest toolbox with 3 drawers
655 (L) x 295 (W) x 305mm (H)



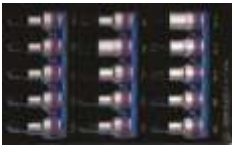
587-300
Trolley toolbox 5 drawer (empty)
Trolley type toolbox with 5 drawers
680 (L) x 460 (W) x 660mm (H)



587-400
Trolley toolbox 7 drawer (empty)
Trolley type toolbox with 5 drawers
680 (L) x 460 (W) x 820mm (H)

Chest toolboxes

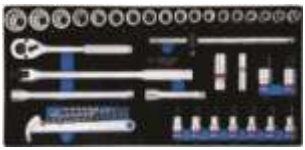


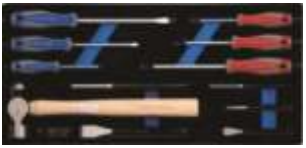








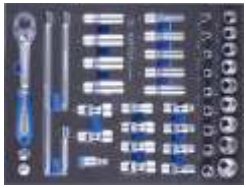






Toolbox chest 196 Piece **587-196**					
Sockets hexagon 1/4" drive	4 - 13mm	12 Sockets	Power bar 1/4" drive 130mm		
Sockets hexagon 3/8" drive	6 - 22mm	16 Sockets	Power bar 3/8" drive 200mm		
Sockets hexagon 1/2" drive	10 - 32mm	18 Sockets	Power bar 1/2" drive 375mm		
Sockets hexagon 1/4" drive	1/4" - 1/2"	3 Sockets	Sliding T Bar 1/4" drive 115mm		
Sockets E type 1/4" drive	E4 - E8	5 Sockets	Sliding T Bar 3/8" drive 200mm		
Sockets E type 3/8" drive	E10 - E18	5 Sockets	Sliding T Bar 1/2" drive 300mm		
Tube sockets hexagon 3/8" drive	8 - 17mm	5 Sockets	Extension bar 1/4" drive 55mm		
Torx bit sockets 1/4" drive	T20 - T40	4 Sockets	Extension bar 1/4" drive 100mm		
Torx bit sockets 1/2" drive	T20 - T60	9 Sockets	Extension bar 3/8" drive 44mm		
Torx tamper proof bit sockets 1/4" drive	TH10 - TH30	6 Sockets	Extension bar 3/8" drive 75mm		
Torx tamper proof bit sockets 3/8" drive	TH40 - TH50	3 Sockets	Extension bar 3/8" drive 150mm		
Hexagon (allen) bit sockets 1/2" drive	H6 - H12	7 Sockets	Extension bar 1/2" drive 125mm		
Spline bit sockets 1/2" drive	M5 - M14	6 Sockets	Extension bar 1/2" drive 250mm		
Spline tamper proof sockets 1/2" drive	M16 - M18	2 Sockets	Spark plug socket 3/8" drive 16mm		
Torx bits 5/16"	T25 - T27	2 Bits	Spark plug socket 3/8" drive 18mm		
Torx bits 10mm	T30 - T60	6 Bits	Spark plug socket 1/2" drive 14mm		
Spline bits 10mm	M6 - M12	4 Bits	Spark plug socket 1/2" drive 20.8mm		
Hexagon (allen) bits 10mm	H5 - H12	6 Bits	Combination spanners	6 - 24mm	16 Spanners
Phillips bits 5/16"	PH2 - PH3	2 Bits	Flare nut spanners	8 - 14mm	3 Spanners
Flat bits 5/16"	9 - 11mm	2 Bits	Hexagon (allen) key set extra long	1.5 - 10mm	9 Allen keys
Impact phillips bits 5/16"	PH2 -PH3	2 Bits	Flat screwdrivers	3 - 8mm	3 Screwdrivers
Bit holder 10mm			Phillips screwdrivers	PH1 - PH3	3 Screwdrivers
Bit holder 5/16"			Combination plier	180mm	
Impact flat bits 5/16"	8 - 10mm	2 Bits	Diagonal plier	150mm	
Impact driver 5/16"			Long nose plier	150mm	
Universal joint 1/4" drive			Chain wrench	60 - 140mm	
Universal joint 3/8" drive			Hammer ball pein 480 g		
Ratchet 1/4" drive			Centre punch	4mm	1 Punch
Ratchet 3/8" drive			Cold chisels	15 - 23mm	2 Chisels
Ratchet 1/2" drive			Pin punches	3 - 10mm	2 Punches

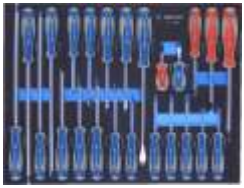
Trolley toolbox













Toolbox trolley 286 Piece **587-286**					
Sockets hexagon 1/4" drive	4 - 14mm	12 Sockets	Extension bar 1/2" drive 150mm		
Sockets hexagon 3/8" drive	10 - 22mm	12 Sockets	Extension bar 1/2" drive 250mm		
Sockets hexagon 1/2" drive	8 - 32mm	21 Sockets	Offset extension bar 3/8" drive 38mm		
Sockets E type 1/4" drive	E4 - E8	5 Sockets	Offset extension bar 1/2" drive 55mm		
Sockets E type 3/8" drive	E7 - E12	5 Sockets	Spark plug socket 1/2" drive 14mm		
Sockets E type 1/2" drive	E10 - E24	8 Sockets	Spark plug socket 1/2" drive 16mm		
Tube sockets hexagon 1/4" drive	4 - 14mm	12 Sockets	Spark plug socket 1/2" drive 20.8mm		
Tube sockets hexagon 3/8" drive	8 - 19mm	9 Sockets	Adaptor 1/4" - 3/8" drive		
Sockets universal bi-hexagon 3/8" drive	10 - 19mm	10 Sockets	Adaptor 3/8" - 1/4" drive		
Tube impact sockets 1/2" drive	17 - 21mm	3 Sockets	Adaptor 3/8" - 1/2" drive		
Tube thin wall impact sockets 1/2" drive	17 - 21mm	3 Sockets	Hexagon (allen) bit sockets 1/2" drive	H6 - H10mm	3 Sockets
Impact sockets 1/2" drive	17 - 36mm	5 Sockets	Torx bit sockets 1/2" drive	T20 - T60	9 Sockets
Torx bit sockets 1/4" drive	T8 - T40	9 Sockets	Spline bit sockets 1/2" drive	M8 - M14	5 Sockets
Hexagon (allen) bit sockets 1/4" drive	H3 - H8	5 Sockets	Combination spanners	6 - 32mm	20 Spanners
Hexagon (allen) bit sockets 1/2" drive	H3 - H19	11 Sockets	Ring spanners	6 - 32mm	10 Spanners
Spline bit sockets 1/2" drive	M5 - M14	6 Sockets	Flare nut spanners	6 - 22mm	6 Spanners
Spline tamper proof sockets 1/2" drive	M16 - M18	2 Sockets	Hexagon (allen) key set extra long	1.5 - 10mm	9 Allen keys
Pozi bit sockets 1/4" drive	PZ1 - PZ2	2 Sockets	Torx key set	T10 - T50	9 Torx keys
Phillips bit sockets 1/4" drive	PH1 - PH2	2 Sockets	Flat screwdrivers	3 - 10mm	6 Screwdrivers
Flat bit sockets 1/4" drive	3.5 - 8mm	3 Sockets	Phillips screwdrivers	No2 - No3	4 Screwdrivers
Bit holder ratchet 1/4"			Torx screwdrivers	T6 - T30	14 Screwdrivers
Torx bits 1/4"	T6 - T7	2 Bits	Combination plier	150mm	
Spline bits 1/4"	M4 - M10	4 Bits	Diagonal plier	180mm	
Universal joint 1/4" drive			Long nose plier	140mm	
Universal joint 1/2" drive			Long nose plier	200mm	
Ratchet 1/2" drive			Long nose plier	275mm	
Ratchet 3/8" drive			Waterpump plier	250mm	
Extension bar 1/4" drive 100mm			Locking plier	250mm	
Extension bar 1/4" drive 150mm			Hammer ball pein 400 g		
Extension bar 3/8" drive 75mm			Centre punch	4mm	1 Punch
Extension bar 3/8" drive 150mm			Cold chisels	17 - 20mm	2 Chisels
Extension bar 3/8" drive 250mm			Pin punches	3 - 8mm	4 Punches











Bi-Hexagon sockets

1/4" Drive **850-**
3/8" Drive **851-**
1/2" Drive **852-**
3/4" Drive **853-**
1" Drive **854-**

3.2mm	032	15mm	150	1.3/16"	301	47mm	470
5/32"	039	19/32"	151	31mm	310	1.7/8"	476
4mm	040	5/8"	158	1.1/4"	317	48mm	480
4.5mm	045	16mm	160	32mm	320	49mm	490
3/16"	047	17mm	170	33mm	330	1.15/16"	492
5mm	050	11/16"	174	1.5/16"	333	50mm	500
5.5mm	055	18mm	180	34mm	340	2"	508
7/32"	056	19mm	190	1.3/8"	349	51mm	510
6mm	060	3/4"	191	35mm	350	52mm	520
1/4"	063	25/32"	198	36mm	360	2.1/16"	523
7mm	070	20mm	200	1.7/16"	365	53mm	530
9/32"	071	13/16"	206	37mm	370	2.1/8"	539
5/16"	079	21mm	210	38mm	380	54mm	540
8mm	080	22mm	220	1.1/2"	381	55mm	550
11/32"	087	7/8"	222	39mm	390	2.3/16"	555
9mm	090	23mm	230	1.9/16"	396	56mm	560
3/8"	095	15/16"	238	40mm	400	57mm	570
10mm	100	24mm	240	41mm	410	2.1/4"	571
13/32"	103	25mm	250	1.5/8"	412	58mm	580
11mm	110	1"	254	42mm	420	2.5/16"	587
7/16"	111	26mm	260	1.11/16"	428	59mm	590
15/32"	119	1.1/16"	269	43mm	430	60mm	600
12mm	120	27mm	270	44mm	440	2.3/8"	603
1/2"	127	28mm	280	1.3/4"	445	61mm	610
13mm	130	1.1/8"	285	45mm	450	2.7/16"	619
14mm	140	29mm	290	46mm	460	62mm	620
9/16"	142	30mm	300	1.13/16"	461	63mm	630

Hexagon sockets

1/4" Drive **855-**
3/8" Drive **856-**
1/2" Drive **857-**
3/4" Drive **858-**
1" Drive **859-**

2.1/2"	635						
64mm	640						
65mm	650						
2.9/16"	651						
66mm	660						
2.5/8"	666						
67mm	670						
68mm	680						
2.11/16"	682						
69mm	690						
2.3/4"	698						
70mm	700						
71mm	710						
72mm	720						
73mm	730						
74mm	740						
2.15/16"	746						
75mm	750						
76mm	760						
77mm	770						
78mm	780						
79mm	790						
3.1/8"	793						
80mm	800						

Bi-Hexagon tube sockets

1/4" Drive **860-**
3/8" Drive **861-**
1/2" Drive **862-**
3/4" Drive **863-**
1" Drive **864-**

5/32"	039	14mm	140	27mm	270	42mm	420
4mm	040	9/16"	142	28mm	280	1.11/16"	428
4.5mm	045	15mm	150	1.1/8"	285	43mm	430
3/16"	047	19/32"	151	29mm	290	44mm	440
5mm	050	5/8"	158	30mm	300	1.3/4"	445
5.5mm	055	16mm	160	1.3/16"	301	45mm	450
7/32"	056	17mm	170	31mm	310	46mm	460
6mm	060	11/16"	174	1.1/4"	317	1.13/16"	461
1/4"	063	18mm	180	32mm	320	47mm	470
7mm	070	19mm	190	33mm	330	1.7/8"	476
9/32"	071	3/4"	191	1.5/16"	333	48mm	480
5/16"	079	25/32"	198	34mm	340	49mm	490
8mm	080	20mm	200	1.3/8"	349	1.15/16"	492
11/32"	087	13/16"	206	35mm	350	50mm	500
9mm	090	21mm	210	36mm	360	2"	508
3/8"	095	22mm	220	1.7/16"	365	51mm	510
10mm	100	7/8"	222	37mm	370	52mm	520
13/32"	103	23mm	230	38mm	380	2.1/16"	523
11mm	110	15/16"	238	1.1/2"	381	53mm	530
7/16"	111	24mm	240	39mm	390	2.1/8"	539
15/32"	119	25mm	250	1.9/16"	396	54mm	540
12mm	120	1"	254	40mm	400	55mm	550
1/2"	127	26mm	260	41mm	410	2.3/16"	555
13mm	130	1.1/16"	269	1.5/8"	412	56mm	560

Hexagon tube sockets

1/4" Drive **865-**
3/8" Drive **866-**
1/2" Drive **867-**
3/4" Drive **868-**
1" Drive **869-**

57mm	570						
2.1/4"	571						
58mm	580						
2.5/16"	587						
59mm	590						
60mm	600						
2.3/8"	603						
61mm	610						
2.7/16"	619						
62mm	620						
63mm	630						
2.1/2"	635						
64mm	640						
65mm	650						
2.9/16"	651						
66mm	660						
2.5/8"	666						
67mm	670						
68mm	680						
2.11/16"	682						
69mm	690						
2.3/4"	698						
70mm	700						







E Sockets

1/4" Drive **870-**
3/8" Drive **871-**
1/2" Drive **872-**
3/4" Drive **873-**
1" Drive **874-**

E4	004	E11	011	E22	022
E5	005	E12	012	E24	024
E6	006	E14	014	E26	026
E7	007	E16	016	E28	028
E8	008	E18	018	E30	030
E10	010	E20	020	E32	032

E Tube Sockets

1/4" Drive **875-**
3/8" Drive **876-**
1/2" Drive **877-**
3/4" Drive **878-**
1" Drive **879-**

Allen key (Hexagon) bit sockets

1/4" Drive 25mm **880-**
1/4" Drive 37mm **881-**
3/8" Drive 50mm **882-**
1/2" Drive 60mm **883-**
1/2" Drive 80mm **884-**
1/2" Drive 100mm **885-**
1/2" Drive 140mm **886-**
1/2" Drive 160mm **887-**
1/2" Drive 200mm **888-**
3/4" Drive 80mm **889-**

H 3mm	030	H 1/4"	063	H 11mm	110	H 17mm	170	H 7/8"	222
H 1/8"	032	H 7mm	070	H 7/16"	111	H 11/16"	174	H 15/16"	238
H 5/32"	039	H 9/32"	071	H 15/32"	119	H 18mm	180	H 24mm	240
H 4mm	040	H 5/16"	079	H 12mm	120	H 19mm	190	H 1"	254
H 4.5mm	045	H 8mm	080	H 1/2"	127	H 3/4"	191	H 1.1/16"	269
H 3/16"	047	H 11/32"	087	H 14mm	140	H 15/32"	198	H 27mm	270
H 5mm	050	H 9mm	090	H 9/16"	142	H 20mm	200	H 1.1/8"	285
H 5.5mm	055	H 3/8"	095	H 19/32"	151	H 13/16"	206	H 30mm	300
H 7/32"	056	H 10mm	100	H 5/8"	158	H 21mm	210	H 1.3/16"	301
H 6mm	060	H 13/32"	103	H 16mm	160	H 22mm	220	H 1.1/4"	317
								H 32mm	320









Torx bit sockets

1/4" Drive 25mm **890-**
1/4" Drive 37mm **891-**
3/8" Drive 50mm **892-**
1/2" Drive 60mm **893-**
1/2" Drive 80mm **894-**
1/2" Drive 100mm **895-**
3/4" Drive 80mm **896-**

T8	**008**	T25	**025**
T9	**009**	T27	**027**
T10	**010**	T30	**030**
T15	**015**	T40	**040**
T20	**020**	T45	**045**

Torx tamper proof bit sockets

1/4" Drive 25mm **897-**
1/4" Drive 37mm **898-**
3/8" Drive 50mm **899-**
1/2" Drive 60mm **900-**
1/2" Drive 80mm **901-**
1/2" Drive 100mm **902-**
3/4" Drive 80mm **903-**

T50	**050**	T90	**090**
T55	**055**	T100	**100**
T60	**060**	T110	**110**
T70	**070**	T120	**120**
T80	**080**	T130	**130**

Ribe Sockets

1/2" Drive **904-**

M10S	**010**
M12S	**012**

Ribe bit sockets

3/8" Drive 90mm **912-**
1/2" Drive 100mm **913-**
1/2" Drive 140mm **914-**
1/2" Drive 160mm **915-**

M4	**040**
M5	**050**
M6	**060**
M7	**070**
M8	**080**
M9	**090**
M10	**100**
M10.5	**105**
M12	**120**
M13	**130**
M14	**140**
M16	**160**









Spline bit sockets

1/2" Drive 60mm **905-**
1/2" Drive 80mm **906-**
1/2" Drive 100mm **907-**
1/2" Drive 140mm **908-**
1/2" Drive 160mm **909-**
1/2" Drive 180mm **910-**

M5	**050**
M6	**060**
M7	**070**
M8	**080**
M8.9	**089**
M9	**090**
M10	**100**
M12	**120**
M14	**140**
M16	**160**
M18	**180**

Tamper proof spline bit sockets

1/2" Drive 66mm **916-**

M16	**160**
M18	**180**

Torx plus bit sockets

1/2" Drive 50mm **911-**

IPR8	**008**
IPR9	**009**
IPR10	**010**
IPR15	**015**
IPR20	**020**
IPR25	**025**
IPR27	**027**
IPR30	**030**
IPR40	**040**
IPR45	**045**
IPR50	**050**
IPR55	**055**
IPR60	**060**













Push through type



Swivel head type



Dial type



Lever type



Swivel handle type

Bi-hexagon spark plug sockets

3/8" Drive with magnet **917-**
3/8" Drive with rubber **918-**
3/8" Drive with spring **919-**
1/2" Drive with magnet **920-**
1/2" Drive with rubber **921-**
1/2" Drive with spring **922-**

14mm	**140**
16mm 5/8"	**160**
18mm	**180**
20.8mm 13/16"	**208**

Hexagon spark plug sockets

3/8" Drive with magnet **923-**
3/8" Drive with rubber **924-**
3/8" Drive with spring **925-**
1/2" Drive with magnet **926-**
1/2" Drive with rubber **927-**
1/2" Drive with spring **928-**

14mm	**140**
16mm 5/8"	**160**
18mm	**180**
20.8mm 13/16"	**208**



Flat screwdriver bit sockets

1/4" Drive 25mm **929-**
1/4" Drive 37mm **930-**
3/8" Drive 50mm **931-**
1/2" Drive 60mm **932-**

03.5 x 0.5mm	**355**	07.0 x 1.2mm	**701**
03.5 x 0.6mm	**356**	08.0 x 1.2mm	**801**
04.0 x 0.8mm	**408**	10.0 x 1.6mm	**101**
05.0 x 1.0mm	**501**	12.0 x 2.0mm	**122**
05.5 x 1.0mm	**551**	14.0 x 2.5mm	**142**
06.5 x 1.2mm	**651**	16.0 x 2.5mm	**162**

Phillips bit sockets

1/4" Drive 25mm **933-**
1/4" Drive 37mm **934-**
3/8" Drive 50mm **935-**
1/2" Drive 60mm **936-**

PH1	**001**
PH2	**002**
PH3	**003**
PH4	**004**

Pozi bit sockets

1/4" Drive 25mm **937-**
937-

PZ1	**001**
PZ2	**002**
PZ3	**003**
PZ4	**004**

Ratchet handles

1/4" Drive **938-**
3/8" Drive **939-**
1/2" Drive **940-**
3/4" Drive **941-**
1" Drive **942-**

Code	Type	Drive	Length	Handle	Teeth	Quick release
001	Dial	1/4"	Standard	Steel	45	No
002	Dial	1/4"	Standard	Rubber	45	No
003	Lever	1/4"	Standard	Steel	24	Yes
004	Lever	1/4"	Standard	Steel	24	No
005	Lever	1/4"	Standard	Rubber	24	Yes
006	Lever	1/4"	Standard	Rubber	24	No
007	Lever	1/4"	Midget	Steel	72	No
008	Lever	1/4"	Midget	Rubber	72	Yes
009	Lever	1/4"	Midget	Rubber	72	No
010	Swivel head	1/4"	Standard	Rubber	72	Yes
011	Swivel head	1/4"	Midget	Rubber	72	Yes
012	Swivel handle	1/4"	Standard	Steel	24	Yes
013	Swivel handle	1/4"	Standard	Steel	24	No
001	Dial	3/8"	Standard	Steel	45	No
002	Dial	3/8"	Standard	Rubber	45	No
003	Lever	3/8"	Standard	Steel	32	Yes
004	Lever	3/8"	Standard	Steel	32	No
005	Lever	3/8"	Standard	Rubber	32	Yes
006	Lever	3/8"	Standard	Rubber	32	No
007	Lever	3/8"	Midget	Steel	72	No
008	Swivel head	3/8"	Standard	Rubber	72	Yes
009	Swivel handle	3/8"	Standard	Steel	32	Yes
001	Push through	1/2"	Standard	Rubber	24	No
002	Dial	1/2"	Standard	Steel	45	No
003	Dial	1/2"	Standard	Rubber	45	No
004	Lever	1/2"	Standard	Steel	32	Yes
005	Lever	1/2"	Standard	Steel	32	No
006	Lever	1/2"	Standard	Rubber	32	Yes
007	Lever	1/2"	Standard	Rubber	32	No
008	Lever	1/2"	Midget	Steel	72	No
009	Lever	1/2"	Midget	Rubber	72	No
010	Lever	1/2"	Long	Steel	32	Yes
011	Lever	1/2"	Long	Steel	32	No
012	Lever	1/2"	Long	Rubber	32	Yes
013	Lever	1/2"	Long	Rubber	32	No
014	Swivel head	1/2"	Standard	Rubber	72	Yes
015	Swivel handle	1/2"	Standard	Steel	32	Yes
001	Push through	3/4"	Standard	Steel	72	No
002	Dial	3/4"	Standard	Steel	24	No
003	Lever	3/4"	Standard	Steel	45	No
001	Lever	1"	Standard	Steel	24	No



Extension bars

1/4" Drive **943-**
3/8" Drive **944-**
1/2" Drive **945-**
3/4" Drive **946-**
1" Drive **947-**

50mm	**050**	250mm	**250**
75mm	**075**	300mm	**300**
100mm	**100**	450mm	**450**
125mm	**125**	600mm	**600**
150mm	**150**	750mm	**750**
175mm	**175**	900mm	**900**
200mm	**200**		





Offset extension bars (wobble)

1/4" Drive **948-**
3/8" Drive **949-**
1/2" Drive **950-**

50mm	**050**	150mm	**150**
75mm	**075**	175mm	**175**
100mm	**100**	200mm	**200**
125mm	**125**	250mm	**250**



Speed wrench

1/2" Drive **964-001**

Flexible extension bars

1/4" Drive **951-**
3/8" Drive **952-**

150mm	**150**
300mm	**300**
450mm	**450**





T Handles

1/4" Drive **958-**
3/8" Drive **959-**
1/2" Drive **960-**
3/4" Drive **961-**
1" Drive **962-**

115mm	**115**	300mm	**300**
200mm	**200**	500mm	**500**
250mm	**250**	600mm	**600**

Power Bars

1/4" Drive **953-**
3/8" Drive **954-**
1/2" Drive **955-**
3/4" Drive **956-**
1" Drive **957-**

130mm	**130**	460mm	**460**
200mm	**200**	600mm	**600**
250mm	**250**	750mm	**750**
375mm	**375**	900mm	**900**
450mm	**450**	1000mm	**100**

Socket rail

1/4" Drive **105-**
3/8" Drive **107-**
1/2" Drive **109-**

160mm	**160**	280mm	**280**
200mm	**200**	560mm	**560**
260mm	**260**		







Universals

1/4" Drive **963-001**
3/8" Drive **963-002**
1/2" Drive **963-003**
3/4" Drive **963-004**
1" Drive **963-005**

Adaptors

1/4" to 3/8"	**963-010**
3/8" to 1/4"	**963-011**
3/8" to 1/2"	**963-012**
1/2" to 3/8"	**963-013**
1/2" to 3/4"	**963-014**
3/4" to 1/2"	**963-015**
3/4" to 1"	**963-016**



Spinner handle 1/4" drive	
Blue / Grey	**963-020**
Blue	**963-021**





Bit holder socket	
1/4" Drive **964-** 3/8" Drive **965-** 1/2" Drive **966-**	
1/4" Bit	**010**
5/16 Bit	**020**
10mm Bit	**030**

Square drive bits					
1/4" Drive **097-**		3/8" Drive **099-**		1/2" Drive **101-**	
25mm	**025**	50mm	**050**	75mm	**075**





Bit holder	
1/4" Length 60mm	
Magnetic	**963-022**
Spring clip	**963-023**

Nut setter			
Length 65mm			
5mm	**103-050**	13mm	**103-130**
6mm	**103-060**	14mm	**103-140**
7mm	**103-070**	1/4"	**103-063**
8mm	**103-080**	5/16"	**103-079**
10mm	**103-100**	3/8"	**103-095**
12mm	**103-120**	1/2"	**103-127**



Bit holder universal joint
1/4" Length 90mm
963-024



Bit holder 90 degree
1/4" Length 140mm
963-025





Square bits			
1/4" 25mm **079-** 5/16" 25mm **085-** 10mm 25mm **091-**		1/4" 50mm **081-** 5/16" 50mm **087-** 10mm 50mm **093-**	
RB0	**000**	RB2	**002**
RB1	**001**	RB3	**003**



Hexagon (allen key) bits

1/4" 20mm **967-** 5/16" 20mm **971-** 10mm 20mm **975-**		1/4" 32mm **968-** 5/16" 32mm **972-** 10mm 32mm **976-**		1/4" 36mm **969-** 5/16" 36mm **973-** 10mm 36mm **977-**		1/4" 80mm **970-** 5/16" 80mm **974-** 10mm 80mm **978-**	
3/64"	**012**	9/64"	**036**	7mm	**070**	7/16"	**111**
1.5mm	**015**	5/32"	**039**	9/32"	**071**	15/32"	**119**
1/16"	**016**	4mm	**040**	5/16"	**079**	12mm	**120**
5/64"	**019**	4.5mm	**045**	8mm	**080**	1/2"	**127**
2mm	**020**	3/16"	**047**	11/32"	**087**	13mm	**130**
3/32"	**024**	5mm	**050**	9mm	**090**	14mm	**140**
2.5mm	**025**	5.5mm	**055**	3/8"	**095**	9/16"	**142**
7/64"	**028**	7/32"	**056**	10mm	**100**	15mm	**150**
3mm	**030**	6mm	**060**	13/32"	**103**	19/32"	**151**
1/8"	**032**	1/4"	**063**	11mm	**110**	5/8"	**158**

Torx bits

1/4" 20mm **979-** 5/16" 20mm **983-** 10mm 20mm **987-**		1/4" 32mm **980-** 5/16" 32mm **984-** 10mm 32mm **988-**		1/4" 36mm **981-** 5/16" 36mm **985-** 10mm 36mm **989-**		1/4" 80mm **982-** 5/16" 80mm **986-** 10mm 80mm **990-**	
T6	**006**	T10	**010**	T27	**027**	T45	**045**
T7	**007**	T15	**015**	T30	**030**	T50	**050**
T8	**008**	T20	**020**	T35	**035**	T55	**055**
T9	**009**	T25	**025**	T40	**040**	T60	**060**



Tamper proof torx bits

1/4" 20mm **991-** 5/16" 20mm **995-** 10mm 20mm **999-**		1/4" 32mm **992-** 5/16" 32mm **996-** 10mm 32mm **001-**		1/4" 36mm **993-** 5/16" 36mm **997-** 10mm 36mm **003-**		1/4" 80mm **994-** 5/16" 80mm **998-** 10mm 80mm **005-**	
TH6	**006**	TH10	**010**	TH27	**027**	TH45	**045**
TH7	**007**	TH15	**015**	TH30	**030**	TH50	**050**
TH8	**008**	TH20	**020**	TH35	**035**	TH55	**055**
TH9	**009**	TH25	**025**	TH40	**040**	TH60	**060**

Spline bits

1/4" 20mm **007-** 5/16" 20mm **015-** 10mm 20mm **023-**		1/4" 32mm **009-** 5/16" 32mm **017-** 10mm 32mm **025-**		1/4" 36mm **011-** 5/16" 36mm **019-** 10mm 36mm **027-**		1/4" 80mm **013-** 5/16" 80mm **021-** 10mm 80mm **029-**	
M4	**004**	M5	**005**	M6	**006**	M8	**008**
M10	**010**	M12	**012**	M14	**014**	M16	**016**



Ribe bits

1/4" 36mm **031-** 5/16" 36mm **035-** 10mm 36mm **039-**		1/4" 80mm **033-** 5/16" 80mm **037-** 10mm 80mm **041-**	
IP10	**010**	IP40	**040**
IP15	**015**	IP45	**045**
IP20	**020**	IP50	**050**
IP25	**025**	IP55	**055**
IP27	**027**	IP60	**060**
IP30	**030**		

Flat screwdriver bits

1/4" 36mm **043-** 5/16" 36mm **047-** 10mm 36mm **051-**		1/4" 80mm **045-** 5/16" 80mm **049-** 10mm 80mm **053-**	
8 x 1.2mm	**008**	11 x 2mm	**011**
9 x 1.6mm	**009**	12 x 2mm	**012**
10 x 1.6mm	**010**	14 x 2mm	**014**



Phillips screwdriver bits

1/4" 36mm **055-** 5/16" 36mm **059-** 10mm 36mm **063-**		1/4" 80mm **057-** 5/16" 80mm **061-** 10mm 80mm **065-**	
PH1	**001**	PH3	**003**
PH2	**002**	PH4	**004**

Pozi screwdriver bits

1/4" 36mm **067-** 5/16" 36mm **071-** 10mm 36mm **075-**		1/4" 80mm **069-** 5/16" 80mm **073-** 10mm 80mm **077-**	
PZ1	**001**	PZ3	**003**
PZ2	**002**	PZ4	**004**







Hexagon impact sockets

1/4" Drive **111-**
3/8" Drive **113-**
1/2" Drive **115-**
3/4" Drive **117-**
1" Drive **119-**

4mm	**040**	16mm	**160**	33mm	**330**	50mm	**500**	67mm	**670**
4.5mm	**045**	17mm	**170**	1.5/16"	**333**	2"	**508**	68mm	**680**
3/16"	**047**	11/16"	**174**	34mm	**340**	51mm	**510**	2.11/16"	**682**
5mm	**050**	18mm	**180**	1.3/8"	**349**	52mm	**520**	69mm	**690**
5.5mm	**055**	19mm	**190**	35mm	**350**	2.1/16"	**523**	2.3/4"	**698**
7/32"	**056**	3/4"	**191**	36mm	**360**	53mm	**530**	70mm	**700**
6mm	**060**	25/32"	**198**	1.7/16"	**365**	2.1/8"	**539**	71mm	**710**
1/4"	**063**	20mm	**200**	37mm	**370**	54mm	**540**	72mm	**720**
7mm	**070**	13/16"	**206**	38mm	**380**	55mm	**550**	73mm	**730**
9/32"	**071**	21mm	**210**	1.1/2"	**381**	2.3/16"	**555**	74mm	**740**
5/16"	**079**	22mm	**220**	39mm	**390**	56mm	**560**	2.15/16"	**746**
8mm	**080**	7/8"	**222**	1.9/16"	**396**	57mm	**570**	75mm	**750**
11/32"	**087**	23mm	**230**	40mm	**400**	2.1/4"	**571**	76mm	**760**
9mm	**090**	15/16"	**238**	41mm	**410**	58mm	**580**	77mm	**770**
3/8"	**095**	24mm	**240**	1.5/8"	**412**	2.5/16"	**587**	78mm	**780**
10mm	**100**	25mm	**250**	42mm	**420**	59mm	**590**	79mm	**790**
13/32"	**103**	1"	**254**	1.11/16"	**428**	60mm	**600**	3.1/8"	**793**
11mm	**110**	26mm	**260**	43mm	**430**	2.3/8"	**603**	80mm	**800**
7/16"	**111**	1.1/16"	**269**	44mm	**440**	61mm	**610**	3.1/4"	**825**
15/32"	**119**	27mm	**270**	1.3/4"	**445**	2.7/16"	**619**	85mm	**850**
12mm	**120**	28mm	**280**	45mm	**450**	62mm	**620**	3.3/8"	**857**
1/2"	**127**	1.1/8"	**285**	46mm	**460**	63mm	**630**	3.1/2"	**889**
13mm	**130**	29mm	**290**	1.13/16"	**461**	2.1/2"	**635**	90mm	**900**
14mm	**140**	30mm	**300**	47mm	**470**	64mm	**640**	95mm	**950**
9/16"	**142**	1.3/16"	**301**	1.7/8"	**476**	65mm	**650**	100mm	**000**
15mm	**150**	31mm	**310**	48mm	**480**	2.9/16"	**651**		
19/32"	**151**	1.1/4"	**317**	49mm	**490**	66mm	**660**		
5/8"	**158**	32mm	**320**	1.15/16"	**492**	2.5/8"	**666**		

Hexagon deep impact sockets

1/4" Drive **121-**
3/8" Drive **123-**
1/2" Drive **125-**
3/4" Drive **127-**
1" Drive **129-**

E Impact sockets

1/4" Drive **131-**
3/8" Drive **133-**
1/2" Drive **135-**
3/4" Drive **137-**
1" Drive **139-**

E4	**004**	E11	**011**	E22	**022**
E5	**005**	E12	**012**	E24	**024**
E6	**006**	E14	**014**	E26	**026**
E7	**007**	E16	**016**	E28	**028**
E8	**008**	E18	**018**	E30	**030**
E10	**010**	E20	**020**	E32	**032**









Allen key (Hexagon) impact bit sockets

3/8" Drive 55mm **141-**
3/8" Drive 90mm **143-**
1/2" Drive 60mm **145-**
1/2" Drive 80mm **147-**
1/2" Drive 100mm **149-**
1/2" Drive 150mm **151-**
3/4" Drive 75mm **153-**
3/4" Drive 90mm **155-**

H 5mm	**050**	H 5/16"	**079**	H 11mm	**110**	H 19/32"	**151**	H 3/4"	**191**	H 15/16"	**238**	H 1.3/16"	**301**
H 5.5mm	**055**	H 8mm	**080**	H 7/16"	**111**	H 5/8"	**158**	H 15/32"	**198**	H 24mm	**240**	H 1.1/4"	**317**
H 7/32"	**056**	H 11/32"	**087**	H 15/32"	**119**	H 16mm	**160**	H 20mm	**200**	H 1"	**254**	H 32mm	**320**
H 6mm	**060**	H 9mm	**090**	H 12mm	**120**	H 17mm	**170**	H 13/16"	**206**	H 1.1/16"	**269**		
H 1/4"	**063**	H 3/8"	**095**	H 1/2"	**127**	H 11/16"	**174**	H 21mm	**210**	H 27mm	**270**		
H 7mm	**070**	H 10mm	**100**	H 14mm	**140**	H 18mm	**180**	H 22mm	**220**	H 1.1/8"	**285**		
H 9/32"	**071**	H 13/32"	**103**	H 9/16"	**142**	H 19mm	**190**	H 7/8"	**222**	H 30mm	**300**		

Torx bit impact sockets

3/8" Drive 55mm **157-**
1/2" Drive 60mm **159-**
1/2" Drive 100mm **161-**

T10	**010**
T15	**015**
T20	**020**
T25	**025**
T27	**027**
T30	**030**
T40	**040**
T45	**045**
T50	**050**
T55	**055**
T60	**060**
T70	**070**
T80	**080**



Flat screwdriver impact bit sockets

3/8" Drive 55mm **163-**

05.5 x 1.0mm	**551**
08.0 x 1.2mm	**651**
10.0 x 1.6mm	**101**



Impact extension bars

3/8" Drive **167-**
1/2" Drive **169-**
3/4" Drive **171-**
1" Drive **173-**

75mm	**075**	250mm	**250**
100mm	**100**	300mm	**300**
125mm	**125**	330mm	**330**
150mm	**150**	400mm	**400**
175mm	**175**	450mm	**450**
200mm	**200**	500mm	**500**



Wheel nut impact sockets

1/2" Drive

17mm (blue)	**183-017**
19mm (green)	**183-019**
21mm (red)	**183-021**



Impact universals

3/8" Drive **181-002**
1/2" Drive **181-003**
3/4" Drive **181-004**
1" Drive **181-005**



Impact adaptors

1/4" to 3/8"	**197-010**
3/8" to 1/4"	**197-011**
3/8" to 1/2"	**197-012**
1/2" to 3/8"	**197-013**
1/2" to 3/4"	**197-014**
3/4" to 1/2"	**197-015**
3/4" to 1"	**197-016**
1" to 1.1/2"	**197-017**



Phillips bit impact sockets

3/8" Drive 55mm **165-**

PH1	**001**
PH2	**002**
PH3	**003**
PH4	**004**



Impact bit holder sockets

1/2" Drive

1/4" Bit	**175-010**
5/16 Bit	**175-020**
10mm Bit	**175-030**



Torque extension bars

1/2" Drive 195mm

90Nm	**195-090**
100Nm	**195-100**
110Nm	**195-110**
120Nm	**195-120**
135Nm	**195-135**
150Nm	**195-150**
160Nm	**195-160**
175Nm	**195-175**
190Nm	**195-190**
200Nm	**195-200**



Rear wheel impact sockets

3/4" Drive **177-**
1" Drive **179-**

17mm	**017**
19mm	**019**
21mm	**021**





1/4" Socket set on rail		
Set	Sizes	Code
Metric set	4, 5, 6, 7, 8, 9, 10, 11 and 13mm	**199-010**
Imperial set	5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2"	**199-020**

1/4" Tube socket set		
Set	Sizes	Code
Metric set	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 and 13mm	**199-050**
Imperial set	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2"	**199-060**





1/4" Allen key (hexagon) bit socket set on rail		
Set	Sizes	Code
Metric set	H3, H4, H5, H6, H7, H8, and H10mm	**199-030**

1/4" Torx bit socket set on rail		
Sizes		Code
T8, T9, T10, T15, T20, T25, T27, T30 and T40		**199-040**



Metric set	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 and 13mm			**199-090**
Imperial set	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2"			**199-100**
Ratchet	Universal	Spinner handle	100mm Extension	T Handle



1/4" Socket set				
Set		Sizes		Code
Metric set	Standard sockets	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11 and 13mm		**199-070**
	Tube sockets	4, 5, 5.5, 6, 7, 8, 9, 10, 11 and 13mm		
Imperial set	Standard sockets	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32 and 1/2"		**199-080**
	Tube sockets	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2"		
Ratchet	Universal	55mm Extension	100mm Extension	1/4" to 3/8" Adaptor



1/4" Socket set					
Set	Type	Sizes			Code
Metric and imperial set	Standard sockets	4, 4.5, 5, 6, 7, 8, 9, 10, 11 and 12mm			199-110
	Standard sockets	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16 and 1/2"			
	Metric 8 Sided sockets	8 and 10mm			
	Imperial 8 Sided sockets	5/16 and 3/8"			
Ratchet	Universal	T Bar	Power bar	55mm Extension	100mm Extension



1/4" Socket set					
Set	Type	Sizes			Code
Metric set	Standard sockets	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12 and 13mm			199-120
	E Sockets	E4, E5, E6, E7 and E8			
	Torx sockets	T8, T9, T10, T15, T20, T25, T27, T30 and T40			
	Allen (hexagon) sockets	H3, H4, H5, H6, H7, H8 and H10			
Ratchet	Spinner handle	T Bar	55mm Extension	100mm Extension	Universal



1/4" Socket set					
Set	Type	Sizes			Code
Metric set	Standard sockets	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12 and 13mm			199-130
	Torx sockets	T8, T9, T10, T15, T20, T25, T27, T30 and T40			
	Allen (hexagon) sockets	H3, H4, H5, H6, H8 and H10			
Ratchet	Spinner handle	T Bar	75mm Extension	150mm Extension	Universal



3/8" Socket set on rail		
Set	Sizes	Code
Metric set	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm	**199-140**
Imperial set	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4 and 13/16"	**199-150**



3/8" Tube socket set		
Set	Sizes	Code
Metric set	10, 11, 12, 13, 14, 16, 17 and 19mm	**199-160**
Imperial set	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 and 13/16"	**199-170**





3/8" E Socket set on rail		
Set	Sizes	Code
E Sockets	E8, E10, E12, E14, E16 and E18	**199-190**

3/8" E Deep socket set on rail		
Set	Sizes	Code
E Deep sockets	E4, E5, E8, E10, E12 and E14	**199-200**





3/8" Allen key (hexagon) bit socket set on rail		
Set	Sizes	Code
Metric set	H3, H4, H5, H6, H7, H8, H10 and H12	**199-180**

3/8" Tamper proof torx socket set on rail		
Set	Sizes	Code
Tamper proof sockets	TH8, TH9, TH10, TH15, TH20, TH25, TH27, TH30, TH40, TH45 and TH50	**199-210**



3/8" Socket set						
Set	Sizes					Code
Metric set	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21 and 22mm					**199-220**
Imperial set	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 11/16, 3/4, 13/16 and 7/8"					**199-230**
Ratchet	Power bar	75mm Extension	150mm Extension	T Handle	Universal	20.8mm Plug socket



3/8" Socket set					
Set	Type	Sizes			Code
Metric and imperial set	Standard sockets	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19. 20, 21 and 22mm			**199-260**
	Standard sockets	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16 and 7/8"			
Ratchet	Power bar	T Bar	75mm Extension	150mm Extension	Universal



3/8" Socket set			
Set	Sizes		Code
Metric set	Standard sockets	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm	**199-240**
	Tube sockets	8, 10, 11, 12, 13, 14, 16, 17 and 19mm	
Ratchet	75mm Extension	3/8" to 1/4" Adaptor	Universal



3/8" Socket set

Set	Type	Sizes			Code
Metric set	Standard sockets	6, 7, 8, 9, 10, 11, 13, 14, 17 and 19mm			**199-250**
	E Sockets	E4, E5, E6, E7, E8, E10, E12, E14, E16 and E18			
	Torx sockets	T8, T9, T10, T15, T20, T25, T27, T30, T40 and T45			
Ratchet	Power bar	T Bar	75mm Extension	150mm Extension	Universal



1/2" Tube socket set on rail

Set	Sizes	Code
Metric set	12, 13, 14, 17, 19, 21, 22 and 23mm	**199-300**



1/2" E Socket set on rail

Set	Sizes	Code
E Sockets	E10, E12, E14, E16, E18 and E20	**199-320**



1/2" Ribe bit socket set on rail

Set	Sizes	Code
Ribe sockets	M9, M10, M12, M13, M14 and M16	**199-360**



1/2" Square socket set on rail

Set	Sizes	Code
Square sockets	RB8, RB9.5, RB10, RB10.5, RB12, RB12.7, RB13.5 and RB19mm	**199-270**





1/2" Tube socket set

Set	Sizes	Code
Metric set	12, 13, 14, 17, 19, 21, 22 and 23mm	**199-280**
Imperial set	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 15/16"	**199-290**

1/2" Tube socket set

Set	Sizes	Code
Metric set	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30 and 32mm	**199-370**



1/2" Allen key (hexagon) bit socket set		
Set	Sizes	Code
Metric set	H3, H4, H5, H6, H7, H8, H10, H12 and H14mm	**199-310**



1/2" Allen key (hexagon) bit socket set		
Set	Sizes	Code
Metric set	H4, H5, H6, H7, H8, H10, H12, H14 and H17mm	**199-330**



1/2" Torx bit socket set		
Set	Sizes	Code
Torx sockets	T20, T25, T27, T30, T40, T45, T50, T55 and T60	**199-340**



1/2" Torx bit socket set		
Set	Sizes	Code
Torx sockets	T20, T25, T27, T30, T40, T45, T50, T55 and T60	**199-350**



1/2" Spline bit socket set		
Type	Sizes	Code
Short spline sockets	M5, M6, M8 and M10,	**199-380**
Long spline sockets	M8, M10 and M12	
Tamper proof socket	M16	



1/2" Socket set					
Type	Sizes				Code
Metric set	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 and 32mm				**199-390**
Imperial set	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.3/16 and 1.1/4"				**199-400**
Ratchet	T Bar	125mm Extension	250mm Extension	Universal	20.8mm Plug socket



1/2" Socket set					
Type	Sizes				Code
Metric set	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30 and 32mm				**199-410**
Imperial set	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.3/16 and 1.1/4"				**199-420**
Ratchet	Power bar	125mm Extension	250mm Extension	Universal	20.8mm Plug socket



1/2" Socket set					
Type	Sizes				Code
Metric and imperial set	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30 and 32mm 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/8, 1.3/16 and 1.1/4"				**199-430**
Ratchet	T Bar	Extension handle	L Handle	Universal	55mm Wobble extension



3/4" Socket set			
Type	Sizes		Code
Metric set	21, 22, 23, 24, 27, 30, 32, 36, 38, 41, 46 and 50mm		**199-440**
Imperial set	7/8, 15/16, 1, 1.1/16, 1,1/8, 1.1/4, 1.3/8, 1.1/2, 1.5/8, 1.3/4, 1.7/8 and 2"		**199-450**
Ratchet	T Bar	200mm Extension	400mm Extension



3/4" Socket set			
Type	Sizes		Code
Metric set	21, 22, 23, 24, 27, 30, 32, 36, 38, 41, 46 and 50mm		**199-460**
Ratchet	T Bar	200mm Extension	400mm Extension



3/4" Socket set			
Type	Sizes		Code
Metric and imperial set	22, 24, 27, 30, 32, 36, 38, 41, 46 and 50mm 1, 1,1/8, 1.1/4, 1.5/16, 1.3/8, 1.7/16, 1.1/2, 1.5/8, 1.3/4 and 2"		**199-470**
Ratchet	T Bar	200mm Extension	400mm Extension



3/4" Socket set			
Type	Sizes		Code
Metric and imperial set	22, 24, 27, 30, 32, 36, 38, 41, 46 and 50mm 7/8, 15/16, 1, 1,1/8, 1.3/16, 1.5/16, 1.3/8, 1.7/16, 1.5/8, 1.3/4, 1.7/8 and 2"		**199-480**
T Bar	Power bar	200mm Extension	400mm Extension



1" Socket set			
Type	Sizes		Code
Metric set	36, 41, 46, 50, 55, 60, 65, 70, 75 and 80mm		**199-490**
Imperial set	1.7/16, 1.1/2, 1.11/16, 1.7/8, 2, 2.1/4, 2.3/8, 2.5/8, 2.15/16 and 3.1/8"		**199-500**
Ratchet	T Bar	200mm Extension	400mm Extension





1/2" Impact socket set		
Set	Sizes	Code
Metric set	10, 12, 13, 14, 17, 19, 21 and 24mm	**199-510**
Imperial set	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16 and 15/16"	**199-520**

1/2" Impact socket set		
Set	Sizes	Code
Metric set	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 21mm	**199-530**





1/2" Deep impact socket set		
Set	Sizes	Code
Metric set	12, 13, 14, 17, 19, 21, 22 and 24mm	**199-540**
Imperial set	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 15/16"	**199-550**

1/2" Deep impact socket set		
Set	Sizes	Code
Metric set	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30 and 32mm	**199-560**



1/2" Deep wheel nut impact socket set		
Set	Sizes	Code
Metric set	17, 19 and 21mm	**199-570**



1/2" Impact allen key (hexagon) bit socket set		
Set	Sizes	Code
Metric set	H4, H5, H6, H8, H10, H12 and H14	**199-580**



3/4" Impact socket set		
Set	Sizes	Code
Metric set	19, 22, 24, 27, 30, 32, 36 and 38mm	**199-600**



1/2" Impact allen key (hexagon) bit socket set		
Set	Sizes	Code
Metric set	H5, H6, H8, H10, H12 and H14	**199-590**





3/4" Impact socket set		
Set	Sizes	Code
Metric set	26, 29, 30, 32, 34, 35, 36 and 38mm	**199-610**



1" Impact socket set		
Set	Sizes	Code
Metric set	24, 27, 30, 32, 33, 36, 38 and 41mm	**199-630**
Imperial set	15/16, 1.1/16, 1.3/16, 1.1/4, 1.5/16, 1.7/16, 1.1/2 and 1.5/8"	**199-640**

1" Impact socket set		
Set	Sizes	Code
Hexagon sockets	24, 27, 32, 36, 38 and 41mm	**199-620**
Square sockets	17 and 21mm	





Combination spanners

Flat series **201-**

5.5mm	**055**	17mm	**170**	28mm	**280**	1.11/16"	**428**
6mm	**060**	11/16"	**174**	1.1/8"	**285**	44mm	**440**
1/4"	**063**	18mm	**180**	29mm	**290**	1.3/4"	**445**
7mm	**070**	19mm	**190**	30mm	**300**	46mm	**460**
5/16"	**079**	3/4"	**191**	1.1/4"	**317**	1.13/16"	**461**
8mm	**080**	25/32"	**198**	32mm	**320**	1.7/8"	**476**
9mm	**090**	20mm	**200**	33mm	**330**	48mm	**480**
3/8"	**095**	13/16"	**206**	1.5/16"	**333**	1.15/16"	**492**
10mm	**100**	21mm	**210**	34mm	**340**	50mm	**500**
11mm	**110**	22mm	**220**	1.3/8"	**349**	2"	**508**
7/16"	**111**	7/8"	**222**	35mm	**350**	55mm	**550**
12mm	**120**	23mm	**230**	36mm	**360**	60mm	**600**
1/2"	**127**	15/16"	**238**	1.7/16"	**365**	65mm	**650**
13mm	**130**	24mm	**240**	38mm	**380**	70mm	**700**
14mm	**140**	25mm	**250**	1.1/2"	**381**	75mm	**750**
9/16"	**142**	1"	**254**	1.9/16"	**396**	80mm	**800**
15mm	**150**	26mm	**260**	41mm	**410**	85mm	**850**
5/8"	**158**	1.1/16"	**269**	1.5/8"	**412**	90mm	**900**
16mm	**160**	27mm	**270**	42mm	**420**	95mm	**950**

Combination spanners

Offset series **203-**

5.5mm	**055**	5/8"	**158**	1"	**254**	38mm	**380**
6mm	**060**	16mm	**160**	26mm	**260**	1.1/2"	**381**
1/4"	**063**	17mm	**170**	1.1/16"	**269**	1.9/16"	**396**
7mm	**070**	11/16"	**174**	27mm	**270**	41mm	**410**
5/16"	**079**	18mm	**180**	28mm	**280**	1.5/8"	**412**
8mm	**080**	19mm	**190**	1.1/8"	**285**	42mm	**420**
9mm	**090**	3/4"	**191**	29mm	**290**	1.11/16"	**428**
3/8"	**095**	25/32"	**198**	30mm	**300**	44mm	**440**
10mm	**100**	20mm	**200**	1.1/4"	**317**	1.3/4"	**445**
11mm	**110**	13/16"	**206**	32mm	**320**	46mm	**460**
7/16"	**111**	21mm	**210**	33mm	**330**	1.13/16"	**461**
12mm	**120**	22mm	**220**	1.5/16"	**333**	1.7/8"	**476**
1/2"	**127**	7/8"	**222**	34mm	**340**	48mm	**480**
13mm	**130**	23mm	**230**	1.3/8"	**349**	1.15/16"	**492**
14mm	**140**	15/16"	**238**	35mm	**350**	50mm	**500**
9/16"	**142**	24mm	**240**	36mm	**360**	2"	**508**
15mm	**150**	25mm	**250**	1.7/16"	**365**	55mm	**550**

Combination spanner sets

Flat series **265-**

Imperial	11 Piece	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8 and 15/16"	**001**
Imperial	11 Piece	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8 and 1"	**002**
Imperial	14 Piece	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/8 and 1.1/4"	**003**
Metric	14 Piece	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22 and 24mm	**004**
Metric	26 Piece	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 and 32mm	**005**

Combination spanner sets

Offset series **265-**

Metric	6 Piece	10, 11, 13, 14, 17 and 19mm	**006**
Metric	8 Piece	10, 11, 12, 13, 14, 15, 17 and 19mm	**007**
Metric	8 Piece	10, 12, 13, 14, 17, 19, 22 and 24mm	**008**
Metric	11 Piece	10, 12, 13, 14, 17, 19, 22, 24, 27, 30 and 32mm	**009**
Metric	12 Piece	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm	**010**
Imperial	13 Piece	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16 and 1"	**011**
Metric	14 Piece	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30 and 32mm	**012**
Metric	17 Piece	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 and 22mm	**013**
Metric	18 Piece	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 and 24mm	**014**
Metric	26 Piece	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 and 32mm	**015**





Combination spanners

Stubby series **205-**

6mm	**060**	1/2"	**127**	3/4"	**191**
1/4"	**063**	13mm	**130**	25/32"	**198**
7mm	**070**	14mm	**140**	20mm	**200**
5/16"	**079**	9/16"	**142**	13/16"	**206**
8mm	**080**	15mm	**150**	21mm	**210**
9mm	**090**	5/8"	**158**	22mm	**220**
3/8"	**095**	16mm	**160**	7/8"	**222**
10mm	**100**	17mm	**170**	23mm	**230**
11mm	**110**	11/16"	**174**	15/16"	**238**
7/16"	**111**	18mm	**180**	24mm	**240**
12mm	**120**	19mm	**190**	25mm	**250**

Flat (open ended) spanners

Flat (open ended) series **207-**

5.5 X 7mm	**055**	12 X 13mm	**120**	18 X 19mm	**180**	25 X 28mm	**250**
6 X 7mm	**060**	12 X 14mm	**124**	19 X 21mm	**190**	1" X 1.1/8"	**254**
1/4" X 5/16"	**063**	1/2" X 9/16"	**127**	19 X 22mm	**195**	26 X 32mm	**260**
7 X 8mm	**070**	13 X 14mm	**130**	20 X 22mm	**200**	27 X 29mm	**270**
5/16" X 3/8"	**079**	13 X 17mm	**135**	13/16" X 7/8"	**206**	27 X 30mm	**275**
8 X 9mm	**080**	14 X 15mm	**140**	21 X 23mm	**210**	27 X 32mm	**280**
8 X 10mm	**085**	14 X 17mm	**141**	22 X 24mm	**220**	1.1/8" X 1.1/4"	**285**
9 X 11mm	**090**	9/16" X 5/8"	**142**	23 X 26mm	**230**	30 X 32mm	**300**
3/8" X 7/16"	**095**	5/8" X 11/16"	**158**	15/16" X 1"	**238**	30 X 36mm	**310**
10 X 11mm	**100**	16 X 17mm	**160**	15/16" X 1.1/16"	**239**	32 X 36mm	**320**
10 X 12mm	**105**	16 X 18mm	**165**	24 X 26mm	**240**	34 X 36mm	**340**
11 X 13mm	**110**	17 X 19mm	**170**	24 X 27mm	**144**	36 X 41mm	**360**
7/16" X 1/2"	**111**	11/16" X 3/4"	**174**	24 X 30mm	**248**	41 X 46mm	**410**

Combination spanner sets

Stubby series **265-**

Metric	8 Piece	8, 9, 10, 12, 13, 14, 17 and 19mm	**016**
Imperial	8 Piece	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"	**017**
Metric	12 Piece	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm	**018**

Flat (open ended) spanner sets

Flat (open ended) series **265-**

Met	8	6X7,8X9,10X11,12X13,14X15,16X17,18X19and20X22mm	**019**
Met	12	6X7,8X9,10X11,12X13,14X15,16X17,18X19,20X22,21X23,24X26,25X28and27X32mm	**020**
Met	12	6X7,8X9,10X11,12X13,14X15,16X17,18X19,20X22,21X23,24X27,25X28and30X32mm	**021**
Imp	12	1/4X5/16, 5/16X3/8, 3/8X7/16, 7/16X1/2, 9/16X5/8, 5/8X11/16, 11/16X3/4, 13/16X7/8, 15/16X1, 15/16X1.1/16, 1X1.1/8, 1.1/8X1.1/4'	**022**





Ring spanners

Offset series **209-**

5.5 X 7mm	**055**	12 X 13mm	**120**	18 X 19mm	**180**	25 X 28mm	**250**
6 X 7mm	**060**	12 X 14mm	**124**	19 X 21mm	**190**	1" X 1.1/8"	**254**
1/4" X 5/16"	**063**	1/2" X 9/16"	**127**	19 X 22mm	**195**	26 X 32mm	**260**
7 X 8mm	**070**	13 X 14mm	**130**	20 X 22mm	**200**	27 X 29mm	**270**
5/16" X 3/8"	**079**	13 X 17mm	**135**	13/16" X 7/8"	**206**	27 X 30mm	**275**
8 X 9mm	**080**	14 X 15mm	**140**	21 X 23mm	**210**	27 X 32mm	**280**
8 X 10mm	**085**	14 X 17mm	**141**	22 X 24mm	**220**	1.1/8" X 1.1/4"	**285**
9 X 11mm	**090**	9/16" X 5/8"	**142**	23 X 26mm	**230**	30 X 32mm	**300**
3/8" X 7/16"	**095**	5/8" X 11/16"	**158**	15/16" X 1"	**238**	30 X 36mm	**310**
10 X 11mm	**100**	16 X 17mm	**160**	15/16" X 1.1/16"	**239**	32 X 36mm	**320**
10 X 12mm	**105**	16 X 18mm	**165**	24 X 26mm	**240**	34 X 36mm	**340**
11 X 13mm	**110**	17 X 19mm	**170**	24 X 27mm	**244**	36 X 41mm	**360**
7/16" X 1/2"	**111**	11/16" X 3/4"	**174**	24 X 30mm	**248**	41 X 46mm	**410**

Moon spanners

Moon series **211-**

3/8" X 7/16"	**095**	1/2" X 9/16"	**127**	5/8" X 11/16"	**158**
10 X 12mm	**105**	13 X 15mm	**133**	16 X 18mm	**165**
11 X 13mm	**110**	13 X 17mm	**135**	17 X 19mm	**170**
7/16" X 1/2"	**111**	14 X 17mm	**141**	11/16" X 3/4"	**174**
12 X 14mm	**124**	9/16" X 5/8"	**142**	19 X 22mm	**195**

Ring spanner sets

Offset series **265-**

Metric	6 Piece	10 X 12, 12 X 14, 14 X 17, 17 X 19, 19 X 21, 23 X 26mm	**023**
Metric	8 Piece	6 X 7, 8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17, 18 X 19, 20 X 22mm	**024**
Metric	9 Piece	8 X 9, 10 X 12, 11 X 13, 12 X 14, 14 X 17, 17 X 19, 19 X 21, 22 X 24, 23 X 26mm	**025**
Metric	10 Piece	6 X 7, 8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17, 18 X 19, 21 X 23, 24 X 27, 30 X 32mm	**026**
Metric	11 Piece	6 X 7, 8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17, 18 X 19, 20 X 22, 21 X 23, 24 X 26, 30 X 32mm	**027**
Metric	12 Piece	6 X 7, 8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17, 18 X 19, 20 X 22, 21 X 23, 24 X 26, 25 X 28, 30 X 32mm	**028**
Metric	12 Piece	6 X 7, 8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17, 18 X 19, 20 X 22, 21 X 23, 24 X 26, 25 X 28, 27 X 32 mm	**029**

Moon spanner sets

Moon series **265-**

Metric	5 Piece	10 X 12, 11 X 13, 14 X 17, 16 X 18, 19 X 22mm	**030**
Metric	5 Piece	10 X 11, 12 X 13, 14 X 15, 17 X 19, 21 X 22mm	**031**





E Spanners

Star box series **213-**

E6 X E8	**062**
E7 X E11	**075**
E10 X E12	**105**
E14 X E18	**141**
E16 X E22	**168**
E20 X E24	**204**

Flare nut spanners

Pipe series **215-**

6 X 8mm	**060**	12 X 14mm	**124**	19 X 22mm	**195**
1/4" X 5/16"	**063**	1/2" X 9/16"	**127**	3/4" X 7/8"	**198**
5/16" X 3/8"	**079**	13 x 14mm	**129**	13/16" X 7/8"	**206**
8 X 10mm	**085**	13 X 15mm	**133**	22 X 24mm	**220**
9 X 11mm	**090**	14 X 17mm	**141**	15/16" X 1"	**238**
3/8" X 7/16"	**095**	9/16" X 5/8"	**142**	15/16" X 1.1/16"	**239**
10 X 11mm	**100**	5/8" X 11/16"	**152**	24 X 27mm	**240**
10 X 12mm	**105**	5/8" X 3/4"	**158**	1" X 1.1/8"	**254**
11 X 13mm	**110**	16 X 17mm	**167**	1.1/8" X 1.1/4"	**285**
7/16" X 1/2"	**111**	17 X 19mm	**170**	30 X 32mm	**300**
12 X 13mm	**120**	11/16" X 3/4"	**174**	32 X 36mm	**320**

E spanner sets

E series **265-**

Metric	4 Piece	E6 X E8, E10 X E12, E14 X E16 and E18 X E20	**036**
Metric	6 Piece	E6 X E8, E7 X E11, E10 X E12, E14 X E18, E16 X E22 and E20 X E24	**037**

Flare nut spanner sets

Pipe series **265-**

Imperial	4 Piece	5/16" x 3/8", 3/8" x 7/16", 1/2" x 9/16" and 5/8" x 11/16"	**038**
Metric	5 Piece	8 x 10, 9 x 11, 12 x 14, 13 x 15 and 16 x 17mm	**039**
Metric	5 Piece	8 x 10, 10 x 11, 10 x 12, 11 x 13, 12 x 14mm	**040**
Metric	5 Piece	8 x 10, 11 x 13, 12 x 14, 16 x 18, 17 x 19mm	**041**
Imperial	5 Piece	1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16" and 3/4" x 7/8".	**042**
Metric	6 Piece	6 x 8, 9 x 11, 10 x 12, 13 x 14, 14 x 17 and 19 x 22mm	**043**
Metric	6 Piece	8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19, 19 x 22mm	**044**
Metric	6 Piece	8 x 10, 11 x 13, 12 x 14, 13 x 14, 17 x 19, 24 x 27mm	**045**
Metric	8 Piece	8 x 10, 11 x 13, 12 x 14, 16 x 18, 17 x 19, 19 x 22, 24 x 27 and 30 x 32mm	**046**





Swivel spanners

Double sided series **229-**

6 X 7mm	**060**	12 X 14mm	**124**	18 X 19mm	**180**
8 X 9mm	**080**	14 X 15mm	**140**	19 X 21mm	**190**
8 X 10mm	**085**	14 X 17mm	**141**	20 X 22mm	**200**
10 X 11mm	**100**	24 X 27mm	**144**	21 X 23mm	**210**
10 X 12mm	**105**	16 X 17mm	**160**	22 X 24mm	**220**
12 X 13mm	**120**	17 X 19mm	**170**	24 X 27mm	**240**

Crowfoot spanners

3/8" Open ended series **217-**
1/2" Open ended series **219-**
3/8" 6 Point series **221-**
1/2" 6 Point series **223-**
3/8" 12 Point series **225-**
1/2" 12 Point series **227-**

3/8"	**095**	15mm	**150**	22mm	**220**
10mm	**100**	5/8"	**158**	7/8"	**222**
11mm	**110**	16mm	**160**	24mm	**240**
7/16"	**111**	17mm	**170**	26mm	**260**
12mm	**120**	11/16"	**174**	27mm	**270**
1/2"	**127**	18mm	**180**	30mm	**300**
13mm	**130**	19mm	**190**	32mm	**320**
14mm	**140**	3/4"	**191**	34mm	**340**
9/16"	**142**	13/16"	**206**	36mm	**360**



Combination swivel spanners

Open ended single sided series **231-**

8mm	**080**	12mm	**120**	16mm	**160**
9mm	**090**	13mm	**130**	17mm	**170**
10mm	**100**	14mm	**140**	18mm	**180**
11mm	**110**	15mm	**150**	19mm	**190**

Crowfoot spanner sets

Crowfoot series **265-**

Imperial	8 Piece	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 and 7/8"	**032**
Metric	10 Piece	10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm	**033**
Metric	11 Piece	10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 22mm	**034**
Metric	15 Piece	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24 and 26mm	**035**

Swivel spanner sets

Double sided **265-**

Metric	6 Piece	8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17 and 18 X 19mm	**036**
Metric	7 Piece	8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17, 18 X 19 and 21 X 22mm	**037**

Combination swivel spanner sets

Open ended single sided **265-**

Metric	6 Piece	10, 12, 13, 14, 17 and 19mm	**038**
Metric	8 Piece	8, 10, 11, 12, 13, 14, 17 and 19mm	**039**
Metric	9 Piece	10, 11, 12, 13, 14, 15, 16, 17 and 19mm	**040**



Slogging spanners

Flat (open ended) **233-**

24mm	**024**	55mm	**055**	95mm	**095**
27mm	**027**	60mm	**060**	100mm	**100**
30mm	**030**	65mm	**065**	105mm	**105**
32mm	**032**	70mm	**070**	110mm	**110**
36mm	**036**	75mm	**075**	115mm	**115**
41mm	**041**	80mm	**080**	120mm	**120**
46mm	**046**	85mm	**085**	125mm	**125**
50mm	**050**	90mm	**090**	130mm	**130**



Slogging spanners

Ring **235-**

24mm	**024**	55mm	**055**	95mm	**095**
27mm	**027**	60mm	**060**	100mm	**100**
30mm	**030**	65mm	**065**	105mm	**105**
32mm	**032**	70mm	**070**	110mm	**110**
36mm	**036**	75mm	**075**	115mm	**115**
41mm	**041**	80mm	**080**	120mm	**120**
46mm	**046**	85mm	**085**	125mm	**125**
50mm	**050**	90mm	**090**	130mm	**130**



Swivel ratchet spanners

Combination type **237-**

8mm	**080**	12mm	**120**	16mm	**160**
9mm	**090**	13mm	**130**	17mm	**170**
10mm	**100**	14mm	**140**	18mm	**180**
11mm	**110**	15mm	**150**	19mm	**190**



Ratchet spanners

Flat series **239-**

5/16"	**079**	14mm	**140**	25/32"	**198**	1"	**254**
8mm	**080**	9/16"	**142**	20mm	**200**	26mm	**260**
9mm	**090**	15mm	**150**	13/16"	**206**	1.1/16"	**269**
3/8"	**095**	5/8"	**158**	21mm	**210**	27mm	**270**
10mm	**100**	16mm	**160**	22mm	**220**	28mm	**280**
11mm	**110**	17mm	**170**	7/8"	**222**	1.1/8"	**285**
7/16"	**111**	11/16"	**174**	23mm	**230**	29mm	**290**
12mm	**120**	18mm	**180**	15/16"	**238**	30mm	**300**
1/2"	**127**	19mm	**190**	24mm	**240**	1.1/4"	**317**
13mm	**130**	3/4"	**191**	25mm	**250**	32mm	**320**

Swivel ratchet spanner sets

Combination type **265-**

Metric	7 Piece	8, 10, 11, 13, 14, 17 and 19mm	**041**
Imperial	7 Piece	3/8, 7/16, 1/2, 9/16, 5/8 11/16 and 3/4"	**042**
Metric	10 Piece	10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm	**043**

Ratchet spanner sets

Flat series **265-**

Metric	4 Piece	10, 13, 17 and 19mm	**044**
Metric	6 Piece	10, 11, 13, 14, 17 and 19mm	**045**
Imperial	8 Piece	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"	**046**
Metric	9 Piece	10, 11, 12, 13, 14, 15, 16, 17 and 19mm	**047**
Metric	12 Piece	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm	**048**



Reversable ratchet spanners

Offset series **241-**

7mm	**070**	13mm	**130**	3/4"	**191**	25mm	**250**
5/16"	**079**	14mm	**140**	25/32"	**198**	1"	**254**
8mm	**080**	9/16"	**142**	20mm	**200**	26mm	**260**
9mm	**090**	15mm	**150**	13/16"	**206**	1.1/16"	**269**
3/8"	**095**	5/8"	**158**	21mm	**210**	27mm	**270**
10mm	**100**	16mm	**160**	22mm	**220**	28mm	**280**
11mm	**110**	17mm	**170**	7/8"	**222**	1.1/8"	**285**
7/16"	**111**	11/16"	**174**	23mm	**230**	30mm	**300**
12mm	**120**	18mm	**180**	15/16"	**238**	1.1/4"	**317**
1/2"	**127**	19mm	**190**	24mm	**240**	32mm	**320**



Double ratchet spanners

Double ring flat series **243-**

6 X 7mm	**060**	12 X 13mm	**120**	17 X 19mm	**170**
8 X 9mm	**080**	14 X 15mm	**140**	19 X 24mm	**195**
10 X 11mm	**100**	14 X 17mm	**142**	21 X 23mm	**210**
10 X 13mm	**107**	16 X 18mm	**165**	22 X 24mm	**220**





Double reversable ratchet spanners

Double ring offset series **245-**

6 X 7mm	**060**	12 X 13mm	**120**	17 X 19mm	**170**
8 X 9mm	**080**	14 X 15mm	**140**	19 X 24mm	**195**
10 X 11mm	**100**	14 X 17mm	**142**	21 X 23mm	**210**
10 X 13mm	**107**	16 X 18mm	**165**	22 X 24mm	**220**

Stubby ratchet spanners

Flat series **247-**

8mm	**080**	12mm	**120**	16mm	**160**
9mm	**090**	13mm	**130**	17mm	**170**
10mm	**100**	14mm	**140**	18mm	**180**
11mm	**110**	15mm	**150**	19mm	**190**

Double ratchet spanner sets

Double ring series **265-**

Universal	2 Piece	8, 10, 11, 13, 14, 16, 17, 19mm and 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4" and E10, E12, E14, E16, E18, E20, E22, E24	**049**
Metric	3 Piece	8 / 10 X 12 / 13, 9 / 11 X 14 / 15 and 16 / 17 X 18 / 19mm	**050**
Metric	6 Piece	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18 and 17 x 19mm	**051**
Metric	7 Piece	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 17 x 19 and 21 x 22mm	**052**

Stubby ratchet spanner sets

Flat series **265-**

Metric	7 Piece	10, 12, 13, 14, 15, 17 and 19mm	**053**
Imperial	7 Piece	3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"	**054**
Metric	9 Piece	10, 11, 12, 13, 14, 15, 16, 17 and 19mm	**055**
Metric	10 Piece	8, 10, 11, 12, 13, 14, 15, 16, 17 and 19mm	**056**





Podger ratchet spanners

Double sided with taper end **249-**

10 X 12mm	**102**	19 X 22mm	**192**	27 X 30mm	**271**
11 X 13mm	**113**	19 X 24mm	**194**	27 X 32mm	**272**
12 X 14mm	**124**	21 X 23mm	**213**	30 X 32mm	**302**
13 X 17mm	**137**	22 X 24mm	**224**	32 X 36mm	**326**
14 X 15mm	**145**	23 X 26mm	**236**	36 X 38mm	**360**
17 X 19mm	**179**	24 X 27mm	**247**	36 X 41mm	**361**
17 X 21mm	**180**	24 X 30mm	**250**	38 X 41mm	**381**
19 X 21mm	**191**	26 X 32mm	**262**	46 X 50mm	**460**

Tube spanners

Double sided **251-**

6 X 7mm	**067**	17 X 19mm	**179**	24 X 26mm	**246**
8 X 9mm	**089**	17 X 21mm	**180**	24 X 27mm	**247**
10 X 11mm	**101**	18 X 19mm	**189**	24 X 30mm	**250**
10 X 12mm	**102**	19 X 21mm	**191**	25 X 28mm	**258**
11 X 13mm	**113**	19 X 22mm	**192**	26 X 32mm	**262**
12 X 13mm	**123**	19 X 24mm	**194**	27 X 29mm	**272**
12 X 14mm	**124**	20 X 22mm	**202**	27 X 30mm	**273**
13 X 17mm	**137**	21 X 23mm	**213**	27 X 32mm	**272**
14 X 15mm	**145**	22 X 24mm	**224**	30 X 32mm	**302**
16 X 17mm	**167**	23 X 26mm	**236**	32 X 36mm	**326**

Tube spanner sets

Double and single sided series **265-**

Metric	6 Piece	8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17 and 18 X 19mm	**057**
Metric	6 Piece	0 X 1, 2 X 3, 4 X 5, 6 X 7, 8 X 9 and 10mm	**058**
Metric	7 Piece	6 X 7, 8 X 9, 10 X 11, 12 X 13, 14 X 15, 16 X 17 and 18 X 19mm	**059**
Metric	8 Piece	8, 10, 12, 13, 14, 15, 16 and 17mm	**060**



Combination speed spanners

Flat series **253-**

5/16"	**079**	1/2"	**127**	17mm	**170**
8mm	**080**	13mm	**130**	11/16"	**174**
3/8"	**095**	14mm	**140**	18mm	**180**
10mm	**100**	9/16"	**142**	19mm	**190**
11mm	**110**	15mm	**150**	3/4"	**191**
7/16"	**111**	5/8"	**158**	20mm	**200**
12mm	**120**	16mm	**160**	21mm	**210**



Angled tube spanners

Double sided one size **255-**

6mm	**060**	15mm	**150**	24mm	**240**
7mm	**070**	16mm	**160**	25mm	**250**
8mm	**080**	17mm	**170**	26mm	**260**
9mm	**090**	18mm	**180**	27mm	**270**
10mm	**100**	19mm	**190**	28mm	**280**
11mm	**110**	20mm	**200**	29mm	**290**
12mm	**120**	21mm	**210**	30mm	**300**
13mm	**130**	22mm	**220**	31mm	**310**
14mm	**140**	23mm	**230**	32mm	**320**



Speed spanner sets

Flat combination series **265-**

Imperial	8 Piece	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4"	**061**
Metric	11 Piece	8, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm	**062**

Angled tube spanner sets

Double sided one size **265-**

Metric	8 Piece	8, 10, 11, 12, 13, 14, 17 and 19mm	**062**
Metric	12 Piece	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22 and 24mm	**063**
Metric	26 Piece	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 and 32mm	**064**





Shifting spanners

Adjustable wrenches **257-**

100mm	**100**	300mm	**300**
150mm	**150**	375mm	**375**
200mm	**200**	450mm	**450**
250mm	**250**	600mm	**600**

Adjustable hook spanners

Hook wrenches **259-**

13 - 35mm	**035**
35 - 50mm	**050**
50 - 80mm	**080**
80 - 120mm	**120**
120 - 180mm	**180**



Series A



Series B

Pipe wrench

Bobbejaan spanner
Series A **261-**
Series B **263-**

200mm	**020**
250mm	**025**
300mm	**030**
350mm	**035**
400mm	**040**
450mm	**045**
600mm	**060**
900mm	**090**
1200mm	**120**





4 Way wheel spanners

Cross wheel spanners **267-**

Sizes	Code
17, 19, 21 and 22mm	**001**
17, 19, 21 and 23mm	**002**
17, 19, 21 and 1/2" Drive	**003**
17, 19, 13/16" and 1/2" Drive	**004**
19, 20, 24 and 27mm	**005**
24, 27, 32 and 3/4" Drive	**006**

2 Way wheel spanners

Truck wheel spanners **269-**

Sizes	Code		
20 x 24mm	**001**	30 x 32mm	**013**
20 x 41mm	**002**	30 x 33mm	**014**
22 x 24mm	**003**	30 x 34mm	**015**
22 x 38mm	**004**	32 x 33mm	**016**
24 x 27mm	**005**	32 x 38mm	**017**
26 x 32mm	**006**	30 x 38mm x 21 Square	**018**
27 x 30mm	**007**	32 x 38mm x 21 Square	**019**
27 x 32mm	**008**	33 x 38mm x 21 Square	**020**
27 x 33mm	**009**	35mm x 17 Square	**021**
27 x 35mm	**010**	38mm x 17 Square	**022**
28 x 30mm	**011**	38mm x 21 Square	**023**
28 x 32mm	**012**	41mm x 21 Square	**024**
		Round spare bar	**025**





T Handle spanners

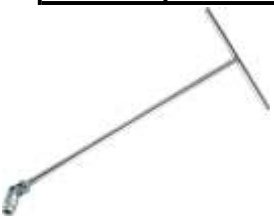
Standard hexagon sockets **271-**

5mm	**050**	12mm	**120**
6mm	**060**	13mm	**130**
7mm	**070**	14mm	**140**
8mm	**080**	15mm	**150**
9mm	**090**	16mm	**160**
10mm	**100**	17mm	**170**
11mm	**110**	19mm	**190**

T Handle spanners

Deep hexagon sockets **273-**

5mm	**050**	12mm	**120**
6mm	**060**	13mm	**130**
7mm	**070**	14mm	**140**
8mm	**080**	15mm	**150**
9mm	**090**	16mm	**160**
10mm	**100**	17mm	**170**
11mm	**110**	19mm	**190**





T Handle swivel spanners

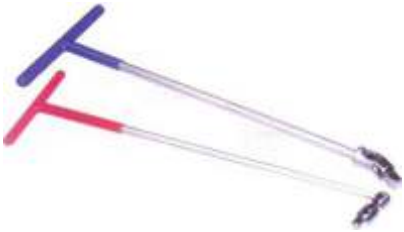
Swivel hexagon sockets **275-**

8mm	**080**	14mm	**140**
10mm	**100**	15mm	**150**
11mm	**110**	16mm	**160**
12mm	**120**	17mm	**170**
13mm	**130**	19mm	**190**

T Handle swivel spark plug spanners

Swivel hexagon spark plug sockets **277-**

16mm	**160**	18mm	**180**	20.8mm	**208**



275-000 T Handle with flexible 1/2" drive

Length 450mm long. Suitable to mount any 1/2" drive socket



Flat screwdrivers

Standard flat screwdrivers **279-**

3 X 0.5 X 75mm	**001**	6.5 X 1.2 X 100mm	**012**
3 X 0.6 X 75mm	**002**	6.5 X 1.2 X 150mm	**013**
4 X 0.8 X 100mm	**003**	6.5 X 1.2 X 300mm	**014**
5 X 0.8 X 75mm	**004**	6.5 X 1.2 X 400mm	**015**
5 X 0.8 X 300mm	**005**	8 X 1.2 X 150mm	**016**
5 X 0.8 X 400mm	**006**	8 X 1.2 X 175mm	**017**
5.5 X 1 X 75mm	**007**	8 X 1.2 X 200mm	**018**
5.5 X 1 X 100mm	**008**	10 X 1.6 X 200mm	**019**
5.5 X 1 X 125mm	**009**	10 X 1.6 X 300mm	**020**
5.5 X 1 X 150mm	**010**	12 X 2 X 250mm	**021**
6.5 X 1.2 X 38mm	**011**	12 X 2 X 300mm	**022**



Flat go through screwdrivers

Go through flat screwdrivers **281-**

5.5 X 1 X 75mm	**001**	8 X 1.2 X 150mm	**006**
5.5 X 1 X 100mm	**002**	8 X 1.2 X 175mm	**007**
6.5 X 1.2 X 100mm	**003**	10 X 1.6 X 200mm	**008**
6,5 X 1.2 X 125mm	**004**	10 X 1.6 X 300mm	**009**
6.5 X 1.2 X 150mm	**005**	12 X 2 X 250mm	**010**



Phillips screwdrivers

Phillips screwdrivers **283-**

PH0 X 60mm	001	PH2 X 100mm	**008**
PH1 X 80mm	002	PH2 X 150mm	**009**
PH1 X 100mm	003	PH2 X 200mm	**010**
PH1 X 200mm	004	PH2 X 300mm	**011**
PH1 X 300mm	005	PH2 X 400mm	**012**
PH1 X 400mm	006	PH3 X 150mm	**013**
PH2 X 38mm	007	PH3 X 200mm	**014**



Phillips go through screwdrivers

Phillips go through screwdrivers **287-**

PH1 X 75mm	**001**	PH2 X 150mm	**003**
PH2 X 100mm	**002**	PH3 X 150mm	**004**



Pozi screwdrivers

Pozi screwdrivers **285-**

PZ0 X 60mm	**001**	PZ2 X 100mm	**005**
PZ1 X 80mm	**002**	PZ2 X 150mm	**006**
PZ1 X 100mm	**003**	PZ3 X 150mm	**007**
PZ1 X 150mm	**004**	PZ3 X 200mm	**008**



Torx screwdrivers

Torx screwdrivers **289-**

T6 X 48mm	**001**	T20 X 250mm	**009**
T7 X 48mm	**002**	T25 X 100mm	**010**
T8 X 75mm	**003**	T25 X 250mm	**011**
T9 X 75mm	**004**	T27 X 100mm	**012**
T10 X 75mm	**005**	T30 X 125mm	**013**
T15 X 75mm	**006**	T30 X 250mm	**014**
T15 X 250mm	**007**	T40 X 150mm	**015**
T20 X 100mm	**008**	T45 X 150mm	**016**



Tamper proof torx screwdrivers

Tamperproof torx screwdrivers **291-**

TH6 X 48mm	**001**	TH20 X 250mm	**009**
TH7 X 48mm	**002**	TH25 X 100mm	**010**
TH8 X 75mm	**003**	TH25 X 250mm	**011**
TH9 X 75mm	**004**	TH27 X 100mm	**012**
TH10 X 75mm	**005**	TH30 X 125mm	**013**
TH15 X 75mm	**006**	TH30 X 250mm	**014**
TH15 X 250mm	**007**	TH40 X 150mm	**015**
TH20 X 100mm	**008**	TH45 X 150mm	**016**



Flat electrical screwdrivers (VDE)

VDE Flat screwdrivers **297-**

3 X 0.5 X 75mm	**001**	5.5 X 1 X 125mm	**004**
3.5 X 0.6 X 100mm	**002**	6.5 X 1.2 X 150mm	**005**
4 X 0.8 X 100mm	**003**	8 X 1.2 X 175mm	**006**





Phillips electrical screwdrivers			
Phillips VDE screwdrivers **303-**			
PH0 X 75mm	**001**	PH2 X 100mm	**003**
PH1 X 100mm	**002**	PH3 X 150mm	**004**

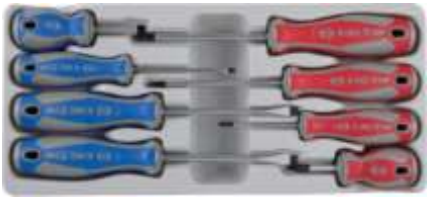
Pozi electrical screwdrivers			
Pozi VDE screwdrivers **305-**			
PZ0 X 75mm	**001**	PZ2 X 100mm	**003**
PZ1 X 100mm	**002**	PZ3 X 150mm	**004**





Flat precision screwdrivers			
Flat precision screwdrivers **299-**			
1 X 50mm	**001**	2.4 X 50mm	**004**
1.6 X 50mm	**002**	2.5 X 40mm	**005**
2 X 50mm	**003**	3 X 50mm	**006**

Phillips precision screwdrivers	
Phillips precision screwdrivers **301-**	
PH00 X 50mm	**001**
PH0 X 50mm	**002**
PH1 X 50mm	**003**

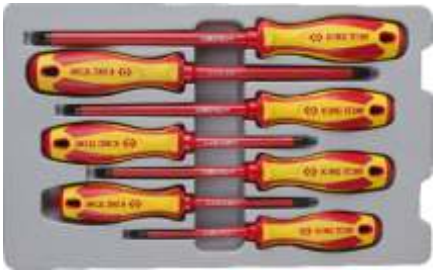


Screwdriver sets			
Screwdriver sets **293-**			
6 Piece	2 X Phillips 4 X Flat	PH1 X 80, PH2 X 100mm 3 X 75, 4 X 100, 5.5 X 125, 6.5 X 150mm	**001**
6 Piece	3 X Phillips 4 X Flat	PH1 X 80, PH2 X 100, PH3 X 150mm 3 X 75, 4 X 100, 5.5 X 125, 6.5 X 150mm	**002**
8 Piece	4 X Phillips 4 X Flat	PH1 X 80, PH2 X 38, PH2 X 100, PH3 X 150mm 4 X 80, 5.5 X 125, 6.5 X 38, 6.5 X 150mm	**003**
14 Piece	6 Phillips 7 Flat	PH0 X 75, PH1 X 100, PH2 X 100, PH2 X 150, PH2 X 38, PH3 X 150mm 3 X 75, 4 X 100, 5.5 X 100, 6.5 X 150, 6.5 X 38, 8 X 200, 10 X 300mm	**004**



Go through screwdriver sets			
Go through screwdriver sets **295-**			
6 Piece	3 X Phillips 3 X Flat	PH1 x 75, PH2 x 100, PH3 x 150mm 5.5 x 100, 6.5 x 150, 8.0 x 175mm	**001**
9 Piece	4 X Phillips 5 X Flat	PH1 X 75, PH2 X 38, PH2 X 100, PH3 X 125mm 5.5 X 100, 6.5 X 38, 6.5 X 125, 8 X 150, 9.5 X 175mm	**002**





Torx screwdriver set

Torx screwdriver set **307-**

9 Piece	T8, T9, T10, T15, T20, T25, T27, T30, T40	**001**

Electrical screwdriver sets

VDE screwdriver sets **309-**

6 Piece	3 X Phillips 3 X Flat	PH0 X 60, PH1 X 80, PH2 X 100mm 4 X 100, 5.5 X 125, 6.5 X 150mm	**001**
7 Piece	3 X Phillips 4 X Flat	PH1 x 100, PH2 x 100, PH3 x 150mm 4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175mm	**002**





Two way screwdriver set

Interchangeable screwdriver set **313-**

11 Piece	Phillips Pozi Flat Torx Hex Hex ball	PH1 X PH2 PZ1 X PZ2 4 X 6, 5 X 7mm T10 X T15, T20 X T25, T30 X T40 4, 5, 6mm 4, 5, 6mm	**001**

Precision screwdriver sets

Precision screwdriver sets **311-**

8 Piece	4 X Phillips 4 X Flat	PH000 x 75, PH.00 x 75, PH0 x 75, PH1 x 75mm 1.5 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75mm	**001**
8 Piece	3 X Phillips 5 X Flat	PH.00 x 75, PH0 x 75, PH1 x 75mm 2.0 x 75, 2.4 x 75, 3.0 x 75, 3.5 x 75, 4.0 x 75mm	**002**
8 Piece	8 X Flat	1.0 x 75, 1.5 x 75, 1.8 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75, 3.5 x 75, 4.0 x 75mm	**003**
8 Piece	Torx	T5, T6, T7, T8, T9, T10, T15, T20	**004**





Nut drivers

Nut drivers **313-**

4mm	**040**	9/32"	**071**	7/16"	**111**	5/8"	**158**
4.5mm	**045**	5/16"	**079**	15/32"	**119**	16mm	**160**
3/16"	**047**	8mm	**080**	12mm	**120**	17mm	**170**
5mm	**050**	11/32"	**087**	1/2"	**127**	11/16"	**174**
5.5mm	**055**	9mm	**090**	13mm	**130**	18mm	**180**
7/32"	**056**	3/8"	**095**	14mm	**140**	19mm	**190**
6mm	**060**	10mm	**100**	9/16"	**142**	3/4"	**191**
1/4"	**063**	13/32"	**103**	15mm	**150**	25/32"	**198**
7mm	**070**	11mm	**110**	19/32"	**151**	20mm	**200**



Nut driver set

Nut driver set **315-**

10 Piece	Metric Imperial	6, 7, 8, 9, 10, 11, 12, 13mm 1/4, 5/16"	**001**





Allen keys

Standard length **317-**
Long length **319-**
Extra long length **321-**

H1	**010**	H 7/32"	**056**	H 12	**120**	H 21	**210**
H1.5	**015**	H 6	**060**	H 1/2"	**127**	H 22	**220**
H1/16"	**016**	H 1/4"	**063**	H 14	**140**	H 7/8"	**222**
H5/64"	**018**	H 7	**070**	H 9/16"	**142**	H 15/16"	**238**
H2	**019**	H 9/32"	**071**	H 19/32"	**151**	H 24	**240**
H3/32"	**023**	H 5/16"	**079**	H 5/8"	**158**	H 1"	**254**
H2.5	**025**	H 8	**080**	H 16	**160**	H 1.1/16"	**269**
H 3	**030**	H 11/32"	**087**	H 17	**170**	H 27	**270**
H 1/8"	**032**	H 9	**090**	H 11/16"	**174**	H 1.1/8"	**285**
H 5/32"	**039**	H 3/8"	**095**	H 18	**180**	H 30	**300**
H 4	**040**	H 10	**100**	H 19	**190**	H 1.3/16"	**301**
H 4.5	**045**	H 13/32"	**103**	H 3/4"	**191**	H 1.1/4"	**317**
H 3/16"	**047**	H 11	**110**	H 15/32"	**198**	H 32	**320**
H 5	**050**	H 7/16"	**111**	H 20	**200**	H33	**330**
H 5.5	**055**	H 15/32"	**119**	H 13/16"	**206**	H1.5/16"	**333**

Ball allen keys

Standard length **323-**
Long length **325-**
Extra long length **327-**

H1	**010**	H 7/32"	**056**	H 12	**120**	H 21	**210**
H1.5	**015**	H 6	**060**	H 1/2"	**127**	H 22	**220**
H1/16"	**016**	H 1/4"	**063**	H 14	**140**	H 7/8"	**222**
H5/64"	**018**	H 7	**070**	H 9/16"	**142**	H 15/16"	**238**
H2	**019**	H 9/32"	**071**	H 19/32"	**151**	H 24	**240**
H3/32"	**023**	H 5/16"	**079**	H 5/8"	**158**	H 1"	**254**
H2.5	**025**	H 8	**080**	H 16	**160**	H 1.1/16"	**269**
H 3	**030**	H 11/32"	**087**	H 17	**170**	H 27	**270**
H 1/8"	**032**	H 9	**090**	H 11/16"	**174**	H 1.1/8"	**285**
H 5/32"	**039**	H 3/8"	**095**	H 18	**180**	H 30	**300**
H 4	**040**	H 10	**100**	H 19	**190**	H 1.3/16"	**301**
H 4.5	**045**	H 13/32"	**103**	H 3/4"	**191**	H 1.1/4"	**317**
H 3/16"	**047**	H 11	**110**	H 15/32"	**198**	H 32	**320**
H 5	**050**	H 7/16"	**111**	H 20	**200**	H33	**330**
H 5.5	**055**	H 15/32"	**119**	H 13/16"	**206**	H1.5/16"	**333**





T Allen keys

T Allen keys **329-**

H2	**019**	H 4.5	**045**	H 7	**070**	H 10	**100**
H3/32"	**023**	H 3/16"	**047**	H 9/32"	**071**	H 13/32"	**103**
H2.5	**025**	H 5	**050**	H 5/16"	**079**	H 11	**110**
H 3	**030**	H 5.5	**055**	H 8	**080**	H 7/16"	**111**
H 1/8"	**032**	H 7/32"	**056**	H 11/32"	**087**	H 15/32"	**119**
H 5/32"	**039**	H 6	**060**	H 9	**090**	H 12	**120**
H 4	**040**	H 1/4"	**063**	H 3/8"	**095**	H 1/2"	**127**

T Ball allen keys

T Ball allen keys **331-**

H2	**019**	H 4.5	**045**	H 7	**070**	H 10	**100**
H3/32"	**023**	H 3/16"	**047**	H 9/32"	**071**	H 13/32"	**103**
H2.5	**025**	H 5	**050**	H 5/16"	**079**	H 11	**110**
H 3	**030**	H 5.5	**055**	H 8	**080**	H 7/16"	**111**
H 1/8"	**032**	H 7/32"	**056**	H 11/32"	**087**	H 15/32"	**119**
H 5/32"	**039**	H 6	**060**	H 9	**090**	H 12	**120**
H 4	**040**	H 1/4"	**063**	H 3/8"	**095**	H 1/2"	**127**





L Allen keys

L Allen keys **333-**

H2	**019**	H 4.5	**045**	H 7	**070**	H 10	**100**
H3/32"	**023**	H 3/16"	**047**	H 9/32"	**071**	H 13/32"	**103**
H2.5	**025**	H 5	**050**	H 5/16"	**079**	H 11	**110**
H 3	**030**	H 5.5	**055**	H 8	**080**	H 7/16"	**111**
H 1/8"	**032**	H 7/32"	**056**	H 11/32"	**087**	H 15/32"	**119**
H 5/32"	**039**	H 6	**060**	H 9	**090**	H 12	**120**
H 4	**040**	H 1/4"	**063**	H 3/8"	**095**	H 1/2"	**127**

L Ball allen keys

L Ball allen keys **335-**

H2	**019**	H 4.5	**045**	H 7	**070**	H 10	**100**
H3/32"	**023**	H 3/16"	**047**	H 9/32"	**071**	H 13/32"	**103**
H2.5	**025**	H 5	**050**	H 5/16"	**079**	H 11	**110**
H 3	**030**	H 5.5	**055**	H 8	**080**	H 7/16"	**111**
H 1/8"	**032**	H 7/32"	**056**	H 11/32"	**087**	H 15/32"	**119**
H 5/32"	**039**	H 6	**060**	H 9	**090**	H 12	**120**
H 4	**040**	H 1/4"	**063**	H 3/8"	**095**	H 1/2"	**127**







Allen key sets

Allen key sets **337-**

8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Standard length	Knife	**001**
9 Piece	Metric	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	Standard length	Pouch	**002**
9 Piece	Imperial	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"	Standard length	Pouch	**003**
8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Extra long length	Pouch	**004**
9 Piece	Metric	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	Extra long length	Pouch	**005**
9 Piece	Imperial	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"	Extra long length	Pouch	**006**
8 Piece	Metric	H3, H4, H5, H6, H8, H10, H12, H14	Extra long length	Pouch	**007**
8 Piece	Imperial	1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 1/2, 9/16"	Extra long length	Metal case	**008**
10 Piece	Metric	H3, H4, H5, H6, H7, H8, H10, H12, H14, H17	Extra long length	Metal case	**009**



Ball allen key sets

Ball allen key sets **339-**

7 Piece	Metric	H2.5, H3, H4, H5, H6, H8, H10	Long length	Pouch	**001**
7 Piece	Imperial	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"	Long length	Pouch	**002**
8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Extra long length	Pouch	**003**
9 Piece	Metric	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	Extra long length	Pouch	**004**
9 Piece	Metric	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	Long length	Pouch	**005**
9 Piece	Imperial	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"	Long length	Pouch	**006**





T Allen key sets

T Allen key sets **341-**

8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Ball type	**001**
8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Standard type	**002**
8 Piece	Imperial	5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"	Standard type	**003**

L Allen key sets

L Allen key sets **343-**

6 Piece	Metric	H3, H4, H5, H6, H7, H8	Ball type	**001**
8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Ball type	**002**
8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Standard type	**003**
8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Ball type	**004**
8 Piece	Metric	H2, H2.5, H3, H4, H5, H6, H8, H10	Standard type	**005**



Torx keys

Standard length **345-**
Extra long length **347-**

T6	**006**	T15	**015**	T40	**040**
T7	**007**	T20	**020**	T45	**045**
T8	**008**	T25	**025**	T50	**050**
T9	**009**	T27	**027**	T55	**055**
T10	**010**	T30	**030**	T60	**060**



Tamper proof torx keys

Standard length **349-**
Extra long length **351-**

T6	**006**	T15	**015**	T40	**040**
T7	**007**	T20	**020**	T45	**045**
T8	**008**	T25	**025**	T50	**050**
T9	**009**	T27	**027**	T55	**055**
T10	**010**	T30	**030**	T60	**060**





L Torx and tamper proof keys

Torx and tamper proof torx **353-**

T10H	**010**	T25H	**025**	T40H	**040**
T15H	**015**	T27H	**027**	T45H	**045**
T20H	**020**	T30H	**030**	T50H	**050**

L Torx and tamper proof torx key sets

L Torx and tamper proof torx key sets **355-**

6 Piece	T10H, T15H, T20H, T25H, T30H, T40H	**001**
9 Piece	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	**002**
9 Piece	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	**003**





Combination pliers

Combination pliers **357-**

100mm	**100**	200mm	**200**
120mm	**120**	230mm	**230**
140mm	**140**	250mm	**250**
160mm	**160**	280mm	**280**
180mm	**180**	300mm	**300**

Diagonal pliers

Combination pliers **359-**

100mm	**100**	200mm	**200**
120mm	**120**	230mm	**230**
140mm	**140**	250mm	**250**
160mm	**160**	280mm	**280**
180mm	**180**	300mm	**300**





Long nose pliers

Long nose pliers **361-**

140mm	**140**	230mm	**230**
160mm	**160**	250mm	**250**
180mm	**180**	280mm	**280**
200mm	**200**	300mm	**300**

Bent nose pliers

Bent nose pliers **363-**

120mm	**120**	180mm	**180**
140mm	**140**	200mm	**200**
160mm	**160**	230mm	**230**



Slip joint pliers			
Slip joint pliers **365-**			
180mm	**180**		
200mm	**200**		
230mm	**230**		



End cutting pliers			
End cutting pliers **367-**			
160mm	**160**	230mm	**230**
180mm	**180**	250mm	**250**
200mm	**200**	280mm	**280**



Waterpump pliers			
Waterpump pliers **369-**			
200mm	**200**	300mm	**300**
230mm	**230**	330mm	**330**
250mm	**250**	360mm	**360**
280mm	**280**	400mm	**400**



Wire stripper
0.2 to 0.6 mm
520-020



Circlip pliers			
Inside straight **371-**			
160mm	**160**	200mm	**200**
180mm	**180**	250mm	**250**

Circlip pliers			
Inside bent **373-**			
160mm	**160**	200mm	**200**
180mm	**180**	250mm	**250**

Circlip pliers			
Outside straight **375-**			
160mm	**160**	200mm	**200**
180mm	**180**	250mm	**250**

Circlip pliers			
Outside bent **377-**			
160mm	**160**	200mm	**200**
180mm	**180**	250mm	**250**



Bolt cutter			
Bolt cutter **381-**			
200mm	**020**	600mm	**060**
300mm	**030**	750mm	**075**
350mm	**035**	900mm	**090**
450mm	**045**	1050mm	**105**



Snap ring plier (circlip plier)
Long nose type with 90 degree bend



Plier set
4 Piece **379-001**
Waterpump plier 250mm
Combination plier 160mm
Diagonal plier 160mm
Long nose plier 200mm



Crimping plier set
6 Piece **518-040**
Insulated Terminal : 0.5 to 6mm²
Non-Insulated Terminal : 1.5 to 10mm²
Open Barrel Terminal : 0.5 to 6mm²
Insulated Core-end Terminal : 0.5 to 4mm²
Insulated Huge Core-end Terminal : 6 to 16mm²
Open Barrel & D-Sub, V.35 Connectors : 0.5 to 10mm²



Circlip plier set
4 Piece 180mm **379-002**
Inside straight
Inside bent
Outside straight
Outside bent



Circlip plier set
4 Piece 180mm **379-005**
Inside straight
Inside bent
Outside straight
Outside bent



Circlip plier set
6 Piece **379-003**
Inside straight 180mm
Inside bent 180mm
Outside straight 180mm
Outside bent 180mm
Outside straight 250mm
Outside bent 250mm



Plier set
3 Piece **379-004**
Combination plier 200mm
Diagonal plier 200mm
Long nose plier 200mm



Combination pliers VDE			
Insulated pliers **383-**			
160mm	**160**	200mm	**200**
180mm	**180**	230mm	**230**



Diagonal pliers VDE					
Insulated diagonal pliers **387-**					
160mm	**160**	180mm	**180**	200mm	**200**



Long nose pliers VDE			
Insulated long nose pliers **393-**			
150mm	**150**	180mm	**180**
160mm	**160**	200mm	**200**
170mm	**170**	230mm	**230**



Bent nose pliers VDE					
Insulated bent nose pliers **385-**					
150mm	**150**	180mm	**180**	200mm	**200**



Cable cutter pliers VDE					
Insulated cable cutter pliers **389-**					
160mm	**160**	180mm	**180**	200mm	**200**



Waterpump pliers VDE					
Insulated waterpump pliers **391-**					
200mm	**200**	250mm	**250**	300mm	**300**



Plier set VDE
3 Piece **395-001**
Combination plier 185mm
Diagonal plier 170mm
Long nose plier 210mm



Locking pliers			
Vice grip pliers **397-**			
125mm	**125**	180mm	**180**
140mm	**140**	250mm	**250**



Locking pliers			
Vice grip pliers **405-**			
125mm	**125**	180mm	**180**
140mm	**140**	250mm	**250**



Long nose locking pliers			
Long nose vice grip pliers **399-**			
150mm	**150**	230mm	**230**
180mm	**180**	250mm	**250**



Sheet metal locking pliers					
Sheet metal vice grip pliers **401-**					
200mm	**200**	230mm	**230**	250mm	**250**



Chain locking pliers			
Chain vice grip pliers **403-**			
230mm	**230**	250mm	**250**



Welding locking pliers					
Welding vice grip pliers **407-**					
225mm	**225**	250mm	**250**	280mm	**280**



C Clamp locking pliers			
C Clamp vice grip pliers **409-**			
100mm	**100**	280mm	**280**
150mm	**150**	450mm	**450**
230mm	**230**	600mm	**600**



Locking plier set
4 Piece **379-006**
Locking plier 140mm
Long nose locking plier 166mm
Locking plier 185mm
Locking plier 254mm



Ball pein hammers

With wooden handle **411-**

115g	1/4 LB	**011**	675g	1.1/2 LB	**067**
225g	1/2 LB	**022**	787g	1.3/4 LB	**078**
337g	3/4 LB	**033**	900g	2 LB	**090**
450g	1 LB	**045**	1125g	2.1/2 LB	**112**
562g	1.1/4 LB	**056**	1350g	3 LB	**135**



Ball pein hammers

With fibre glass handle **413-**

115g	1/4 LB	**011**	675g	1.1/2 LB	**067**
225g	1/2 LB	**022**	787g	1.3/4 LB	**078**
337g	3/4 LB	**033**	900g	2 LB	**090**
450g	1 LB	**045**	1125g	2.1/2 LB	**112**
562g	1.1/4 LB	**056**	1350g	3 LB	**135**



Engineers hammers

With wooden handle **415-**

225g	1/2 LB	**022**	900g	2 LB	**090**
450g	1 LB	**045**	1125g	2.1/2 LB	**112**
675g	1.1/2 LB	**067**	1350g	3 LB	**135**



Club hammer

Wooden handle **417-**
Rubber handle **419-**

1000 g	2.1/4 LB	**100**
1100 g	2.1/2 LB	**110**
1250 g	2.3/4 LB	**125**
1500 g	3.1/4 LB	**150**
1800 g	4 LB	**180**
2000 g	4.1/2 LB	**200**



Claw hammer

Wooden handle **521-**
Fibre glass handle **523-**

450 g	1 LB	16 OZ	**450**
560 g	1.1/4 LB	20 OZ	**560**
600 g	1.1/3 LB	22 OZ	**600**
700 g	1.1/2 LB	24 OZ	**700**
900 g	2 LB	32 OZ	**900**



Sledge hammer

Wooden handle **525-**
Fibre glass handle **527-**

1.8 Kg	2 LB	**180**
2.7 Kg	6 LB	**270**
3.15 Kg	7 LB	**315**
3.6 Kg	8 LB	**360**
4.5 Kg	10 LB	**450**
5.4 Kg	12 LB	**540**
6.36 Kg	14 LB	**636**



Soft face hammer

Nylon type **529-**
Raw hide **531-**

25 mm	**250**
32 mm	**320**
38 mm	**380**
44 mm	**440**
50 mm	**500**
60 mm	**600**



Rubber mallet

Wooden handle **533-**

225 g	1/2 LB	8 OZ	**225**
450 g	1 LB	16 OZ	**450**
560 g	1.1/4 LB	20 OZ	**560**
600 g	1.1/3 LB	22 OZ	**600**
700 g	1.1/2 LB	24 OZ	**700**
790 g	1.3/4 LB	28 OZ	**790**
900 g	2 LB	32 OZ	**900**



Dead blow hammer

Non recoil **535-**

225 g	1/2 LB	8 OZ	**022**
450 g	1 LB	16 OZ	**045**
675 g	1.1/2 LB	24 OZ	**067**
900 g	2 LB	32 OZ	**090**
1125 g	2.1/2 LB	40 OZ	**112**
1350 g	3 LB	48 OZ	**135**
1800 g	4 LB	64 OZ	**180**



Centre punch

Centre punch **537-**

1.5 mm	**015**	4 mm	**040**
2 mm	**020**	5 mm	**050**
2.5 mm	**025**	6 mm	**060**
3 mm	**030**	8 mm	**080**
3.5 mm	**035**	10 mm	**100**



Pin punch

Pin punch **539-**

1.5 mm	**015**	5 mm	**050**
2 mm	**020**	6 mm	**060**
2.5 mm	**025**	8 mm	**080**
3 mm	**030**	10 mm	**100**
3.5 mm	**035**	12 mm	**120**
4 mm	**040**	14 mm	**140**



Chisel

Cold chisel **541-**

7 mm	100 mm	**071**	19 mm	200 mm	**192**
10 mm	150 mm	**101**	19 mm	250 mm	**195**
13 mm	150 mm	**131**	25 mm	250 mm	**252**
16 mm	150 mm	**161**	25 mm	300 mm	**253**
16mm	200 mm	**162**	25 mm	350 mm	**255**





Automatic centre punch

Centre punch **543-001**

Hollow punch

WAD punch **549-**

2 mm	**020**	10 mm	**100**	20mm	**200**	35 mm	**350**
3 mm	**030**	11 mm	**110**	22 mm	**220**	38 mm	**380**
4 mm	**040**	12 mm	**120**	24 mm	**240**	40 mm	**400**
5 mm	**050**	13 mm	**130**	25 mm	**250**	42 mm	**420**
6 mm	**060**	14 mm	**140**	26 mm	**260**	44 mm	**440**
7 mm	**070**	16 mm	**160**	28 mm	**280**	45 mm	**450**
8 mm	**080**	18 mm	**180**	30 mm	**300**	50 mm	**500**
9 mm	**090**	19 mm	**190**	32 mm	**320**	55 mm	**550**





Letter punch set

Letter punch A - Z **547-**

1.5 mm	**015**	8 mm	**080**
2 mm	**020**	10 mm	**100**
3 mm	**030**	12 mm	**120**
4 mm	**040**	13 mm	**130**
5 mm	**050**	16 mm	**160**
6 mm	**060**	20mm	**200**

Number punch set

Figure punch 0 - 9 **545-**

1.5 mm	**015**	8 mm	**080**
2 mm	**020**	10 mm	**100**
3 mm	**030**	12 mm	**120**
4 mm	**040**	13 mm	**130**
5 mm	**050**	16 mm	**160**
6 mm	**060**	20mm	**200**





Pin punch set

Pin punch set **551-**

2 - 8 mm	6 Piece	2, 3, 4, 5, 6 and 8mm	**006**
2 - 14 mm	9 Piece	2, 3, 4, 5, 6, 8, 10, 12 and 14mm	**009**

Chisel and punch set

Chisel and punch set **553-**

Set	Chisel	Pin punch	Centre punch	Roof punch	Code
5 Piece	1	2	1	1	**001**
5 Piece	2	2	1		**002**
6 Piece	2	2	2	0	**003**
12 Piece	3	7	2	0	**004**
13 Piece	6	6	1	0	**005**
14 Piece	4	9	1	0	**006**





Hollow punch set

WAD (Belt) punch set **555-**

9 Piece	2.5 - 10mm	**001**
6 Piece	6 - 19mm	**002**
7 Piece	6 - 19mm	**003**
12 Piece	4 - 20mm	**004**
10 Piece	6 - 25mm	**005**
14 Piece	6 - 38mm	**006**

Hacksaw

Front bottom adjustment	Each	**557-001**
Front top adjustment	Each	**557-002**
Rear bottom adjustment	Each	**557-003**
Hacksaw blade 18 TPI	Each	**557-004**
Hacksaw blade 24 TPI	Each	**557-005**
Hacksaw blade 32 TPI	Each	**557-006**
Hacksaw blade 18 TPI	Set of two	**557-007**
Hacksaw blade 24 TPI	Set of two	**557-008**
Hacksaw blade 32 TPI	Set of two	**557-009**
Hacksaw blade 18 TPI	Set of ten	**557-010**
Hacksaw blade 24 TPI	Set of ten	**557-011**
Hacksaw blade 32 TPI	Set of ten	**557-012**





Tinsnip aviation

Left	**557-015**
Right	**557-016**
Straight	**557-017**

Junior hacksaw 150mm

Hacksaw	Each	**557-013**
Hacksaw blades	Sets of ten	**557-014**



Tinsnip straight	
300 mm	**557-018**
360 mm	**557-019**



Tinsnip scissor	
250 mm	**557-020**
300 mm	**557-021**
350 mm	**557-022**
400 mm	**557-023**



Files			
Flat with handle	**559-**	Flat without handle	**561-**
Half round with handle	**563-**	Half round without handle	**565-**
Round with handle	**567-**	Round without handle	**569-**
Square with handle	**571-**	Square without handle	**573-**
Tri-square with handle	**575-**	Tri-square without handle	**577-**
Slim with handle	**579-**	Slim without handle	**581-**

Length	Bastard	2 nd Cut	Smooth	Rasp
100 mm	**110**	**210**	**310**	**410**
150 mm	**115**	**215**	**315**	**415**
200 mm	**120**	**220**	**320**	**420**
250 mm	**125**	**225**	**325**	**425**
300 mm	**130**	**230**	**330**	**430**
350 mm	**135**	**235**	**335**	**435**



Hole saw

Hole saw **583-**
Arbour 14 to 30mm **585-001**
Arbour 32 to 102mm **585-002**

14 mm	**014**	29 mm	**029**	41 mm	**041**	57 mm	**057**	73 mm	**073**
16 mm	**016**	30 mm	**030**	43 mm	**043**	59 mm	**059**	76 mm	**076**
19 mm	**019**	32 mm	**032**	44 mm	**044**	60 mm	**060**	79 mm	**079**
20 mm	**020**	33 mm	**033**	46 mm	**046**	64 mm	**064**	83 mm	**083**
22 mm	**022**	35 mm	**035**	48 mm	**048**	65 mm	**065**	86 mm	**086**
24 mm	**024**	37 mm	**037**	51 mm	**051**	67 mm	**067**	89 mm	**089**
25 mm	**025**	38 mm	**038**	52 mm	**052**	70 mm	**070**	92 mm	**092**
27 mm	**027**	40 mm	**040**	54 mm	**054**	71 mm	**071**	102 mm	**102**











