

## 2 Jaws Puller

- Pole and battery terminal puller.
- Optimally suited for the removal of small parts such as battery terminals, ball bearings, pulleys, sprockets, etc.
- Automatic gripping of hooks
- Manageable and rugged design, with drop-forged hooks
- 2-arm design



CODE	Spread mm	Reach mm	Spindle	Pulling Force Ton	Weight kg	Std Pack
M2JGP-0	60	40	M10x1.5x60	0.5	0.16	1
M2JGP-1	60	60	M10x1.5x80	0.5	0.18	1
M2JGP-2	70	80	M10x1.5x100	0.5	0.30	1

## 3 Jaws Puller

- Pole and battery terminal puller.
- Optimally suited for the removal of small parts such as battery terminals, ball bearings, pulleys, sprockets, etc.
- Automatic gripping of hooks
- Manageable and rugged design, with drop-forged hooks
- 3-arm design



CODE	Spread mm	Reach mm	Spindle	Pulling Force Ton	Weight kg	Std Pack
M3JGP-0	60	40	M10x1.5x60	0.75	0.20	1
M3JGP-1	60	60	M10x1.5x80	0.75	0.20	1
M3JGP-2	70	80	M10x1.5x100	0.75	0.40	1

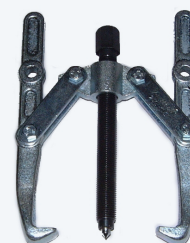
## 2 Jaws Puller

- Drop forged two adjustable jaws from chrome vanadium alloy steel.
- Drop forged beam
- T-shape thread, stronger than normal.
- Reversible jaws.



CODE	Spread mm	Reach mm	Pulling Force Ton	Spindle	Weight kg	Std Pack
<b>B2JGP075</b>	15-80	80	2	M14x1.5x125	0.4	20
<b>B2JGP100</b>	20-110	90	3	M18x1.5x200	0.8	20
<b>B2JGP200</b>	30-210	160	5	G1/2x250	5.2	4
<b>B2JGP300</b>	50-310	260	8	G1/2x350	12.0	2

- The reliable, extra-strong model for the removal of pulleys, wheels, ball bearings, etc.
- The double leg ends, wide or narrow, grip automatically.
- With technical and economical benefits due to the variable clamping reach and automatic grip of the legs
- Especially suited to removing V-belt pulley wheels and flywheels mounted on longer shafts.



CODE	Spread mm	Reach mm	Pulling Force Ton	Spindle	Weight kg	Std Pack
<b>2JGP100</b>	90	100	1	M12x1.5x110	0.4	1
<b>2JGP150</b>	130	140	2	M14x1.5x140	0.9	1
<b>2JGP230</b>	200	210	5	M18x1.5x200	2.2	1
<b>2JGP300</b>	250	260	8	G1/2x250	4.4	1
<b>2JGP400</b>	280	390	8	G1/2 x250	5.1	1

## 3 Jaws Puller

- Drop forged three adjustable jaws from chrome vanadium alloy steel.
- Drop forged beam
- T-shape thread, stronger than normal.
- Reversible jaws.



CODE	Spread mm	Reach mm	Pulling Force Ton	Spindle	Weight kg	Std Pack
<b>B3JGP075</b>	15-80	80	3	M14x1.5x125	0.5	20
<b>B3JGP100</b>	20-110	90	7.5	M18x1.5x200	1.0	20
<b>B3JGP200</b>	30-210	160	12	G1/2x250	3.6	5
<b>B3JGP300</b>	50-310	260	12	G1/2x350	9.0	2

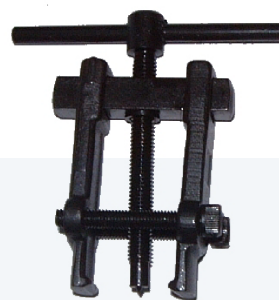
- The reliable, heavy-duty model for the removal of pulleys, wheels, ball bearings, etc.
- The triple leg ends, wide or narrow, grip automatically.
- With technical and economical benefits due to the variable clamping reach and automatic grip of the legs
- Especially suited to removing V-belt pulley wheels and flywheels mounted on longer shafts.



CODE	Spread mm	Reach mm	Pulling Force Ton	Spindle	Weight kg	Std Pack
<b>3JGP100</b>	90	100	2	M12x1.5x110	0.5	1
<b>3JGP150</b>	130	140	3	M14x1.5x140	1.2	1
<b>3JGP230</b>	200	210	7.5	M18x1.5x200	3.3	1
<b>3JGP300</b>	250	260	12	G1/2x250	6.3	1
<b>3JGP400</b>	280	390	12	G1/2 x250	7.7	1

## Bearing Puller

- Two adjustable jaws special designed for removing armature bearing.



CODE	Cap mm	Weight kg	Std Pack
BP1136	15-25	1.00	1
BP1137	20-50	1.40	1

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# Slide Hammer & Dent Puller Set

- 2.5kg slide malleable steel hammer with 570mm shaft
- Includes: external three jaw puller, internal three jaw puller, external two jaw puller, internal two jaw puller, grip locking wrench adaptor, puller hook, rear axle puller, dent puller.
- Drop forged steel pullers and attachments
- Converts into a 2 or 3 jaw internal or external puller for reaching hard to reach areas
- Chrome vanadium
- Chrome plated alloy steel body
- Puller type: Twin Leg (Internal Capacity:Φ35-110mm, Reach:82mm & External Capacity:Φ50-140mm, Reach:75mm)
- Puller Type: Triple Leg (Internal Capacity :Φ50-135mm, Reach:82mm & External Capacity:Φ20-135mm, Reach:75mm)
- High impact blow molded case included



CODE	Weight kg	Std Pack
SH1301	7.5	1

- 13Pc Professional Dent Puller Kit
- Perfect For Auto Body Repair
- Suitable For Home Or Business Applications
- Slide Weight: 10LBS
- Slide Pole Length: 22-3/4"
- Slide Pole Diameter: 3/4"
- Attachments: 1 Handle, Washer, 5pc Hasp Iron, Long Tube Hasp Iron, Cast Iron Hammer, Right Angle Flat Steel, Hex Taping Adaptor, Hex Taping Screw Holder, Taping Screw, Connector Hasp Iron, Double Barreled Connector
- With carrying case



CODE	Weight kg	Std Pack
DP1302		1

# 46 Pc Director Puller

- Multi-purpose puller set for removal of balancers, vibration dampers, pulleys, gears and flywheels.
- Drop forged four slot yoke with a variety of hex bolts and forcing screw tips provides a complete universal set.
- Contents: Yoke, 5" Thrust Bolt, Centering Adaptors; Small, Large, Flat, Bolts;
- 3/8"x24x1-1/2"x3PC, 3/8"x16x2"x3PC,
- 3/8"x16x3x3PC, 3/8"x16x4-1/2"x2PC,
- 5/16"x12x6"x2PC, 5/16"x18x3-1/2"x3PC,
- 5/16"x24x3"x2PC, 1/4"x28x2-1/2"x2PC,
- M10X1.25x35mmx3PC,
- M8x1.25x45mmx3PC,
- M8x1.25x65mmx2PC
- M8x1.5x90mmx2PC
- Washers: 5/1" IPx3PC, 1/4" IDx2PC,
- 10mmIDx3PCS, 8mmIDx3PC



CODE	Content	Weight kg	Std Pack
DP1146	46Pc	4.0	1

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## Internal & External Puller

- Special steering wheel puller.
- Drop forged chrome Vanadium steel puller arms with locking/gripping feature
- All pullers with locking feature which clamps the jaw firmly inside/outside the gear or bearing.
- Includes 1x 1.5kg slide hammer, 2x Internal pullers:100mm Triple leg , 1x External puller:100mm Triple leg
- Capacity  $\Phi$ 20-130mm  $\Phi$ 15-40mm  $\Phi$ 29-100mm



CODE	Content	Weight kg	Std Pack
HS3334	2x Internal Puller 1x External Puller 1x Slide Hammer	1.40	1

# FATOOLS®

## Combination Puller Set

- Pulling Gear, Bearing, Pulley, etc.
- Delivers up to 10 Ton pulling force.
- 2, 3 Legs Pullers with Bearing Separator.
- 19pcs set in plastic box.



CODE	Pulling Force Ton	Weight kg	Std Pack
BS709	10	17	1

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# Bearing Separator Set

- Bearing separator inside.
- Pull out the bearing with the H-type beam and bolts.
- Ram capacity 7.5Ton



CODE	Cap mm	Weight kg	Std Pack
BS708	15-100	9	1

- 1PC Forcing Screw(9/16"-10T/Inch x 175mm(L), S45C)
- 1PC Beam(S45C)
- 4PCS Main/Extension Rod(Hex Bar 17mm x 127mm(L) x 3/8"-16T)
- 4PCS Main/Extension Rod(Hex Bar 14mm x 102mm(L) x 3/8"-16T)
- 1PC Bearing Separator(Spread Range 30-50mm, SCM415 Drop Forged HRC 42°-45°)
- 1PC Bearing Separator(Spread Range 50-75mm, SCM415 Drop Forged HRC 42°-45°)



CODE	Cap mm	Weight kg	Std Pack
BS706	7-60	5.0	1

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- 1PC Hydraulic Ram (SCM420, Ø37.7mm)
- 1PC Beam(Ductile)
- 2PC Main Rod(Hex Bar 21mm x 10”(L) x 5/8”-11NC)
- 2PC Extension Rod(Hex Bar 21mm x 10”(L) x 5/8”-11NC)
- 1PC Bearing Separator, separator range 105-150mm(SCM415 drop forged HRC 42°-45°)
- 1PC Adapter(Carbon Steel)



CODE	Cap mm	Weight kg	Std Pack
BS9035	25-150	15	1

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# Hydraulic Puller

- Hydraulic heavy-duty puller 3-arm pattern
- Suitable for the removal of ball bearings, pulleys, wheels, and other close-fitting components.
- The product range offers a wide variety of clamping widths and depths, and load limits
- Legs drop forged
- Through the cage, the legs are fixed at the point where the force is to be applied - thus the legs cannot slip off, even on a small contact surface
- Scope of delivery: Puller, lid with screws and various pressure pads for centered and non-centered shafts
- Include cylinder and pump.



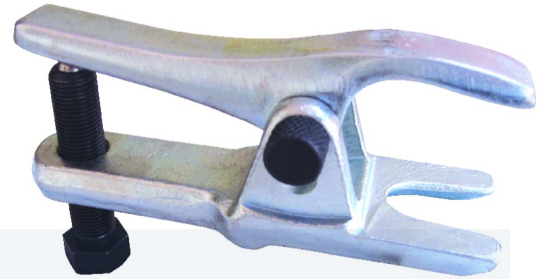
CODE	Spread mm	Reach mm	Pulling Force Ton	Weight kg	Std Pack
EPH108	19-305	202	10	19.8	1
EPH110	20-390	245	20	33.4	1
EPH113	27-445	304	30	52.1	1
EPH116	70-635	355	50	91.2	1

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# Balljoint Separator

- Special design 2-stage operating suits most cars and light trucks ball joints in steering and suspension.
- Offset lever permits maximum jaw opening in 30mm-56mm.
- Material: SCM440



CODE	Range mm	Total Weight gr	Std Pack
HS3320	30-56	1100	1

- Special design 2-stage operating suits most cars and light trucks ball joints in steering and suspension.
- Heat treated drop forged steel body & bolt for long rough usage, black oxide finish.
- Spread ball joints easily where space prevents use of direct action method.
- Jaws open: 19mm.



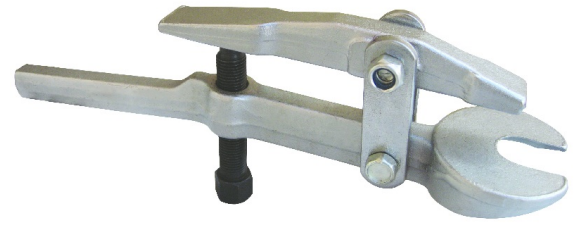
CODE	Opening mm	Total Weight gr	Std Pack
HS1075	19	1100	1

- Separating tie rod end.
- Durability enhanced by offset shape.
- Range of opening:16mm-50mm.
- Use of thrust bolt alone enables easy installation and removal of tie rod end.
- Smooth job using with a drive tool.
- Square drive (3/8"sq.) adopted.
- Can hold counter force of driving tool.



CODE	LxWxH	Jaw Opening mm	Total Weight gr	Std Pack
HS1076	135x55x116	16-50	1600	1

- For removing the ball pivots on steering arms, steering tie rocks and steering knuckles...etc.
- Jaw open: 17mm.



CODE	Jaw Opening mm	Total Weight gr	Std Pack
HS1077	17	1100	1

- It is good to use with powerful structure.
- Stand design to solve the space problem.
- Jaws open: 19mm

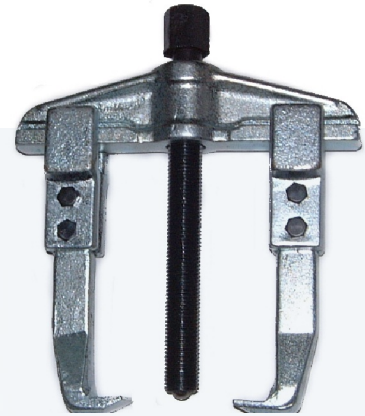


CODE	Jaw Opening mm	Total Weight gr	Std Pack
HS3321	19	1100	1

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# Universal Puller

- Two adjustable jaws special designed for removing bearing.



CODE	Size mm	Reach mm	Range OD		Range ID		Weight kg	Std Pack
			Min	Max	Min	Max		
<b>UP080</b>	100x80	100	25	80	70	130	0.9	1
<b>UP100</b>	120x100	100	25	130	80	180	1.0	1
<b>UP120</b>	150x120	150	50	160	105	220	2.8	1
<b>UP150</b>	200x150	150	60	200	120	270	3.1	1
<b>UP200</b>	250x200	205	80	250	160	330	7.0	1

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# Stud Remover

- For use on stud bolts.
- For left and right hand threaded studs
- Chrome plated, with 22 mm hexagon drive
- Chrome-Vanadium



CODE	Bolt Capacity		Length mm	Total Weight gr	Std Pack
	Min	Max			
	mm	mm			
SR2300	6	19	56	400	1

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# Pitman Arm Puller

- Redesigned heavy duty tool to be used to remove pitman arms from late model cars and light trucks.
- Heavy duty forged alloy steel yoke with heat treated.
- Size from 1-5/16" (33mm) opening 2-1/2" (64mm) pull.
- Removes tie rod ends and pitman arm assemblies from many cars and light trucks.



CODE	Total Weight gr	Std Pack
HS3323	1000	1

- Heavy duty forged alloy steel yoke.
- Heated treated center screw.
- Removes tie rod ends and pitman arm assemblies from many light trucks.
- Opening size:27mm
- Pull travel:45mm

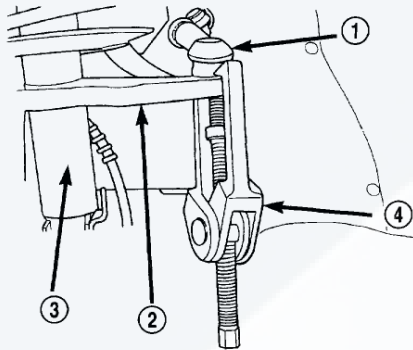


CODE	Total Weight gr	Std Pack
HS3322	1100	1

# FATTOOLS®

# Outer Tie Rod Remover

- This outer tie rod remover is a great addition to your toolbox when servicing tie rod ends and ball joints. The remover work on most cars, front or rear-wheel drive, and cast or stamped steel steering knuckles.
- Handle up to 5 tons of force.
- Jaws spread to 3 in. and have a 4 in. reach.
- Jaws, once tightened, won't slip on the knuckle.
- Two adjustable jaws special designed for removing most models of outer tie rod.
- Material: SCM420 Hardened 42°



80b27d1c

**Fig. 46 Removing Outer Tie Rod From Steering Arm**

- 1 - TIE ROD END
- 2 - STEERING ARM
- 3 - STRUT
- 4 - C-3894A

CODE	Cap mm	Weight kg	Std Pack
HS1300	70	1.40	6

# FATOOLS®

## Disc Brake Piston Spreader

- Fits in brake caliper to push back pistons for new brake pads installation.
- Pushing in disc brake piston for fully floating caliper with single or double piston or for fixed caliper with two pistons.
- This tool allows quick and clean pressing back of caliper pistons into caliper housings without damage to seal or caliper piston.
- The claw for pushing in the piston makes parallel movement along guide.
- Operation possible by turn of the handle.
- Designed to prevent claw from widening the caliper or mounting when putting it in.
- Applicable for parallel piston caliper and opposed piston caliper of light cars to small trucks (2t). (Cannot be used on brake calipers combined with parking brakes.)



CODE	Jaw Opening mm	WxLxH mm	Total Weight gr	Std Pack
HS1090	10-65	155x50x115	780	1

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## Inspection Mirror Set

- To find screws, bolts and similar parts in awkward areas.
- Magnet tractive force is 2.5 kg, with telescope shaft, mirror 45 mm.
- In stable plastic storage box.



CODE	Length mm	Weight gr	Std Pack
PU31	800	260	1

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## Spring Compressor

- Drop forged CR-V steel jaws & leaded screws (370mm) both heat treated ensure you obtain professional job performance.
- The tool is designed for use in limited space under wheel arch.
- Jaws design is fitting to wrap coil claws for safely.
- Maximum jaw opening is 370 mm.
- Compression Length: 65-320mm.
- To fix and remove coil springs on vehicles.
- Hook the tool in to opposite sides of the coil spring grasping as many coils as possible.
- Operate the drives alternately with a spanner or wrench.
- For use with all Macpherson.
- The spindles are equipped with contra-rotating threads which eliminate the risk of slipping round the spring.
- Important! Release the coil spring by even, alternating operation of the drives. Ensure that the coil spring is seated properly!



CODE	Range mm	Max Jaw Opening	Weight kg	Std Pack
HS1107	65-320	370	3	1

## Hydraulic Spring Compressor

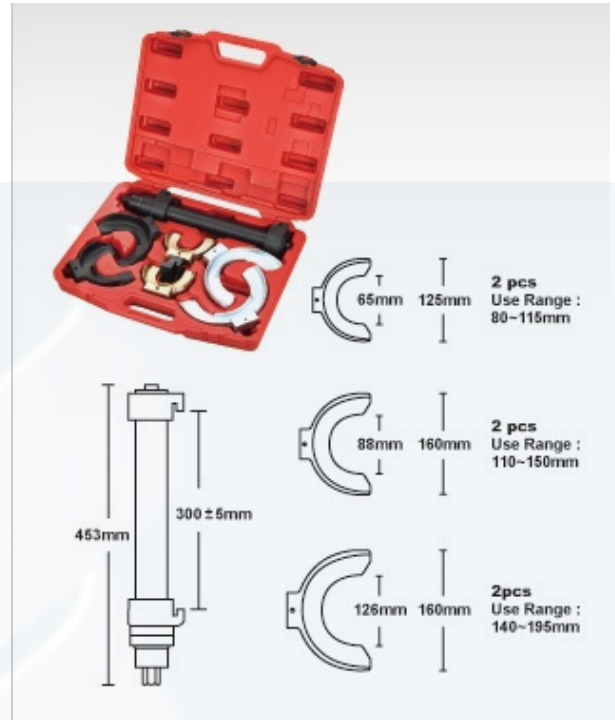
- Compressed spring diameter: 100-200mm
- Working length : 260mm
- Compression length :100mm



CODE	Range mm	Weight kg	Std Pack
TR3211	100-200	23	1

# Interchangeable Spring Compressor

- Made of heat-treated alloy-steel.
- Contains 3 exchangeable claws. Claw A: 140-190mm, Claw B: 110-140mm, Claw C: 75-110mm.
- Approved by BGS German Workers Safety Insurance.
- 850Kg Maximum jaw loading with 4x safety factor.
- Drop forged claws are carefully shaped to prevent coil spring from bowing.



CODE	Range mm	Weight kg	Std Pack
HS3410	75-190	3	1

# FATOOLS®

## Magnetic Pick Up

- To lift small steel parts in awkward areas.
- With flexible shaft.



CODE	Length mm	Magnet Force (kg)	Weight gr	Std Pack
PT20	545	2.0	220	1

## Telescoping Magnetic Pick Up Tool with LED

- This magnetic pick-up tool has a strong 1.5kg pull magnet on the end, a black cushioned grip and a built in bright white LED light on the center of the magnet.
- The LED light is powered by small button batteries (one set of demonstration batteries included) and telescopes to 32". When closed it is only 7.5" long.
- Use to pick up those hard to reach bolts, nuts, nails, bearings, or other steel and iron items etc...
- LED Illuminated on the magnetic tip
- Handle Length 7.5 inches When Closed
- When Extended Handle Length is 31.5 inches



CODE	Length mm	Magnet Force(kg)	Weight gr	Std Pack
PU30	780	1.5	200	1

## Packing Hook Set

- The packing hooks are strongly made of the toughest materials. Two spiral steel shafts, one inside the other, wound in opposite directions, make up the shaft.
- The flexible shaft has a solid handle and the hook is carefully tempered and pointed.
- Corkscrew tip is permanently attached.
- 4 pcs different sizes set.



CODE	Length Inches	Dia. of Shaft Inches	Dia. of Spiral Inches	Length of Spiral Inches	Weight kg	Std Pack
PHS04	6.1/4	3/16	1/4	3/4	0.4	1
	7	3/32	11/64	5/16		
	10.5/8	1/4	5/16	1.1/8		
	15	3/8	3/8	1.1/2		

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## Screw Extractor Set

- Contains 10 precision tools.
- Pre-formed aluminum box provides convenient storage.
- Standard extractors for righthand pipe and studs.
- Works with shallow grip which lessens expansion and jamming.
- Pulls rather than reams.
- Releases from bite instantly after job completed.
- Designed for strength, durability, and easy handling.



CODE	Cap mm	Total Weight gr	Std Pack
ES10	3.5 4 4.5 5.5 6.5 7.5 8.5 9 10 11	600	1

## Screw and Pipe Extractor Set

- Contains one each of screw extractors Nos. 1 to 8 inclusive (Nos. 1 to 5 Extractors with turnuts;
- Drill 1/8, 3/16, 1/4, 5/16, 11/32, 7/16, 1/2, 5/8 and 1/4x6" inclusive.
- Complete set of drill guides 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2, 17/32, 9/16 and bushings.
- Maximum depth extractor range 1" to 3".
- 2 Pipe extractors also included.
- These precision tools are packed in a fitted compartment box.



CODE	Cap In	Cap mm	Total Weight gr	Std Pack
ES25	1/4"-1"	6-25	4200	1

# Screw Extractor Set

- Contains 6 precision tools.
- Pre-formed plastic box provides convenient storage.
- For the removal of broken screws and bolts with right turn thread
- Polished



CODE	Cap mm	Screw mm	Length mm	Weight gr	Std Pack
SE6	1,4 – 3,6	3 – 6	50	230	1
	2,1 – 4,9	6 – 8	57		
	3,1 – 6,5	8 – 11	64		
	4,8 – 8,8	11 – 14	71		
	6,2 – 11,0	14 – 18	79		
	9,4 – 15,0	18 – 24	85		

# FATOOLS®