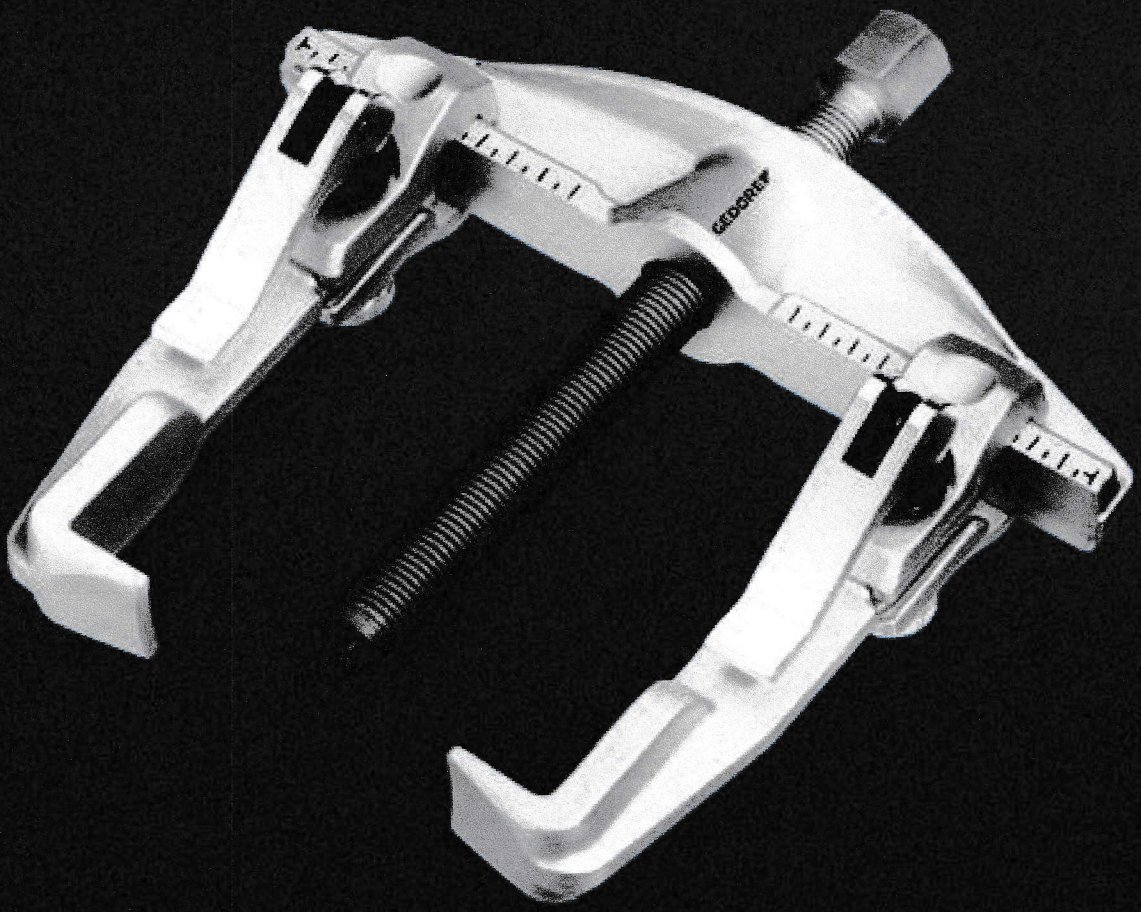
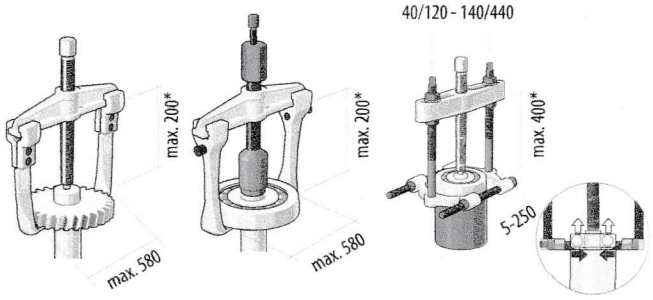

GEDORE

PULLERS

YOUR PATH TO THE RIGHT PULLER

A How can the component to be extracted be gripped?
B Is a support possible either externally or internally?
C Which clamping spread/reach has to be obtained?

1. EXTERNAL PULLING

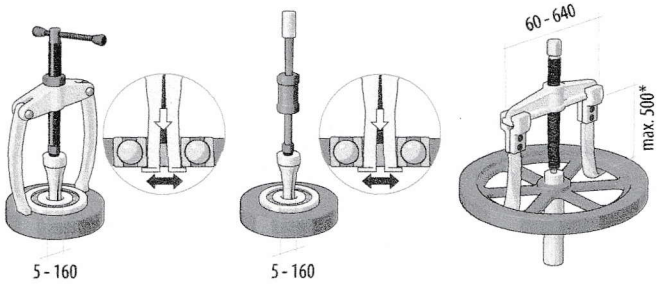


› The component to be extracted can only be gripped externally.
› The centre axle is for supporting purposes.

› The component to be extracted is well set into, thus ruling out the use of pulling legs.
› The centre axle is for supporting purposes.

2. INTERNAL PULLING

› The component to be extracted can only be gripped internally.
› Centre axle supporting is not possible.



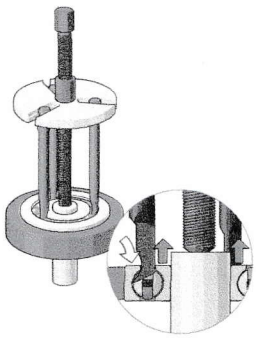
› Supporting possible outside of the component.

› No support possible - thus the use of extracting aids.

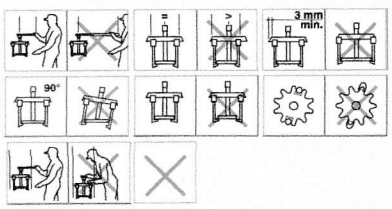
› Centre axle supporting is possible.

3. BALL BEARING EXTRACTION

The ball bearing to be pulled is fitted on a shaft and in a housing and, as such, can neither be internally or externally gripped.

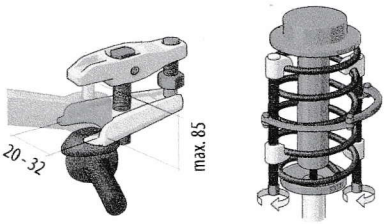


SAFETY NOTES FOR PULLERS › 201/238

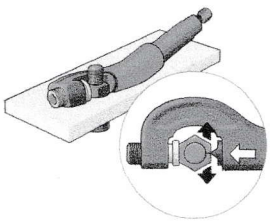


4. EXTRACTION USING A SPECIAL- PURPOSE TOOL

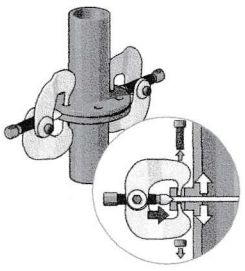
› Automotive tool for:
› Ball joints.
› Oil filters /cartridges.
› Steering wheel.
› Springs.
› Wheel hubs etc.



› Supporting possible outside of the component.



› Nut splitters.
› Stud extractors.

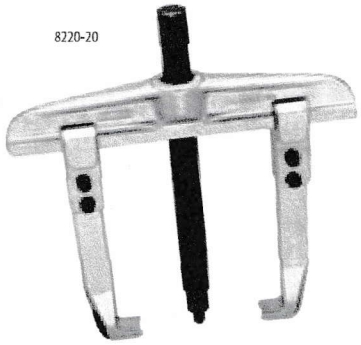


› Flange separators.
› Threaded inserts.

8220
TWIN GRIP PULLERS

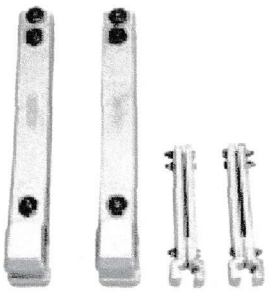
- For the safe and fast removal of discs, pulleys, wheels, ball bearings etc.
- Strong drop forged design.
- Reversible hooks permit use as an internal or external puller.
- Available in standard length or with extensions for extra length.

8220-20



8220-20HSP

8220P



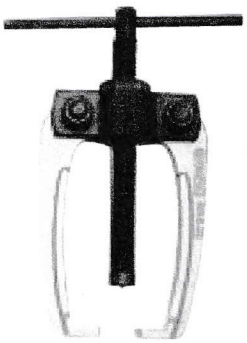
Code	No	Running Depth	Max. Opening	kg
040150	8220-10	105	110	1.20
040180	8220-20	160	180	3.10
040210	8220-30	210	280	8.50
040160	8220-10L	200	110	1.80
040190	8220-20L	310	180	4.50
040220	8220-30L	410	280	11.60

Code	No	⟷ mm ⟷	kg
040170	8220-10P	151	0.900
040200	8220-20P	220	2.0
040230	8220-30P	308	5.0

Code	No	Running Depth	Max. Opening	kg
040460	8220-20HSP1 Puller & Spindle	90	180	3.6
040470	8220-30HSP3 Puller & Spindle	100	280	9.9
040480	8220-20L HSP1 Puller & Spindle	90	180	5.1
040490	8220-30L HSP3 Puller & Spindle	100	280	13.1

8562
TWIN GRIP PULLERS

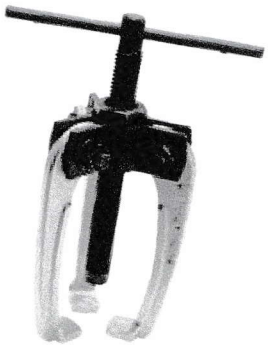
- For removing small parts such as battery terminals, pulleys, wheels, ball bearings etc.



Code	No	Running Depth	Max. Opening	kg
040427	8562-1	50	60	0.20
040428	8562-2	70	70	0.22

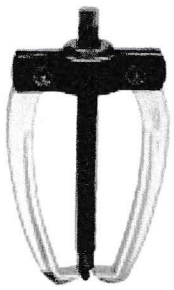
8563
TRIPLE GRIP PULLER

- For removing small parts such as battery terminals, pulleys, wheels, ball bearings etc.



Code	No	Running Depth	Max. Opening	kg
040417	8563-1	55	60	0.31

8564
TWIN GRIP PULLERS



Code	No	Running Depth	Max. Opening	kg
040010	8564-2	100	110	1.0
040030	8564-3	140	150	1.9
040050	8564-4	200	200	2.3
040440	8564-4 HSPIL Puller & Spindle	105	200	3.7

8565
TRIPLE GRIP PULLERS

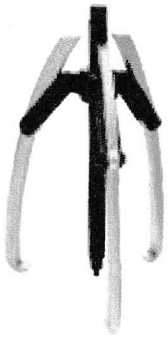
Code	No	Running Depth	Max. Opening	kg
040020	8565-2	80	120	1.3
040040	8565-3	140	160	2.5
040060	8565-4	200	220	4.0
040450	8564-4 HSPIL Puller & Spindle	105	220	4.6

8566
TWIN GRIP PULLERS

Code	No	Running Depth	Max. Opening	kg
040070	8566-1	300	300	9.8
040080	8566-2	400	400	10.8
040495	8566-1 HSP3 Puller & Spindle	105	300	10.1
040500	8566-2 HSP3 Puller & Spindle	110	370	11.1

8567
TRIPLE GRIP PULLERS

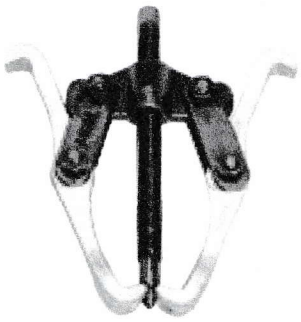
› Suitable for industrial purposes and heavy agricultural as well as construction machines.



Code	No	Running Depth	Max. Opening	kg
040090	8567-1	400	350	11.9
040100	8567-2	400	420	13.0
040505	8567-1 HSP3 Puller & Spindle	110	345	12.1
040510	8567-2 HSP3 Puller & Spindle	110	350	13.3

8568
TWIN GRIP PULLERS

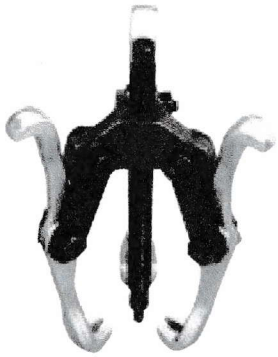
› Heavy duty model for the removal of discs, pulleys, wheels, ball bearings etc.



Code	No	Running Depth	Max. Opening	kg
040110	8568-1	100	150	0.800
040130	8568-2	140	200	1.9

8569
TRIPLE GRIP PULLERS

› Heavy duty model for the removal of discs, pulleys, wheels, ball bearings etc.



Code	No	Running Depth	Max. Opening	kg
040120	8569-1	80	150	1.1
040140	8569-2	140	200	2.7

HSP GREASE HYDRAULIC PRESSURE SPINDLE

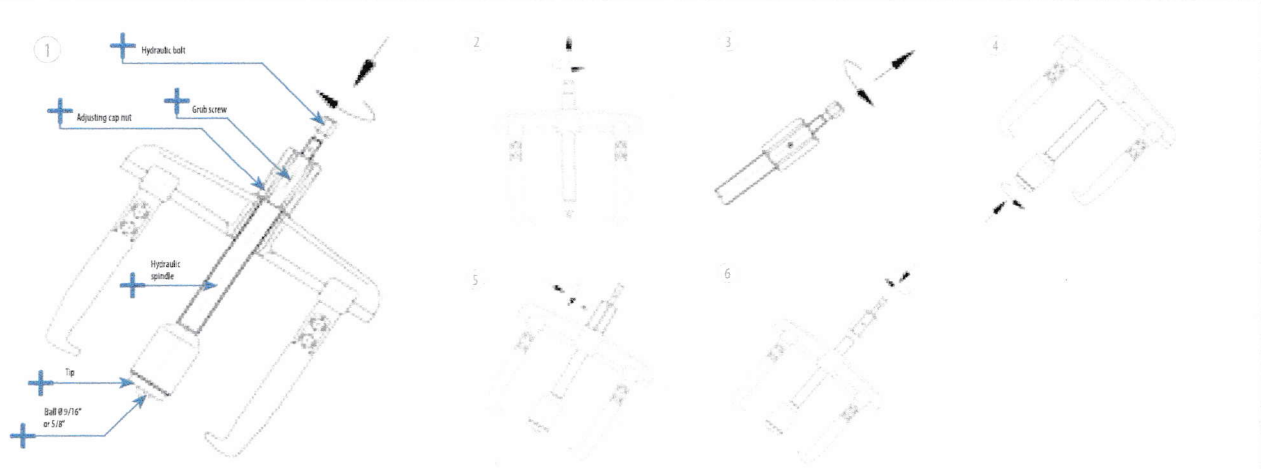
The grease hydraulic pressure spindle has been designed for controlled and safe extraction forces of up to 15t.

Preperation for use:

- Before using, check whether the pressure spindle is screwed far enough out of the cap, so that the pressure pad is in the initial position in the hydraulic cylinder.
- Unscrew the cap from the spindle body. First slacken off the grub screw.
- Screw the spindle body into the crossbeam of the puller from below until the body protrudes approximately 60mm from the crossbeam.
- Screw the cap onto the spindle body until the stop, and then fix it in position by turning in the grub screw.

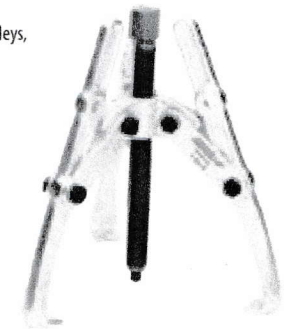
Preperation for use:

- Place the puller into position and pre-tension the spindle body using a size 32mm or 41mm wrench.
- Screw the pressure spindle size 12mm or 17mm into the cap. The hydraulic process will come into play. The workpiece that has been loosened by the hydraulic force may be pulled off completely by turning the spindle body with the 32mm or 41mm cap.
- After use, the pressure spindle (size 12mm or 17mm) is turned back into its initial position and the pressure pad is pushed into the hydraulic cylinder.



1.15 TRIPLE GRIP PULLERS

- Heavy duty model for the removal of discs, pulleys, wheels, ball bearings etc.



Code	No	Running Depth	Max. Opening	kg
8006190	1.15/1	140	130	1.2
8006350	1.15/2	210	200	3.3

HSP GREASE HYDRAULIC PRESSURE SPINDLES

- The grease hydraulic pressure spindle has been designed for controlled and safe pulling work, and is set up for a pressure of up to 15t.

Code	No	Force Capacity	Puller Ref.	kg
040350	HSP1L	6-ton - Twin Grip	8564-4	1.30
		10-ton - Triple Grip	8565-4	
040360	HSP1	6-ton - Twin Grip	8220-20	1.20
			8220-20L	
040400	HSP3	8-ton - Twin Grip	8220-30	3.30
		12-ton - Twin Grip	8220-30L	
		15-ton - Triple Grip	8566-1	
			8566-2	
			8567-1	
			8567-2	

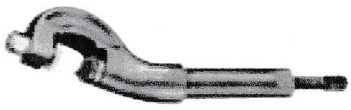
5.10
SAFETY COVER

- At pulling forces of 18t, these PVC safety covers provide maximum active safety protection from suddenly detaching ball bearings, driving pinions or small parts. The safety covers are extremely flexible, making them suitable for all applications.
- Dimensions 510 x 915mm.
- Double-ply welded = double safety (total thickness at 0.5mm = 1.0mm).
- Tear strength: longitudinal 23N/mm² - lateral 21N/mm².
- Two straps for variable adjustment.
- Press stud fasteners for added safety - no flapping ends.
- UV resistant.
- Temperature resistant at -25 °C to +50 °C.
- Supplied in a carry bag which guarantees a long service life.

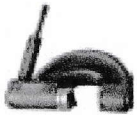
Code	No	kg
1868195	5.10	1.5

1.26/HYD
NUT SPLITTERS
hydraulic

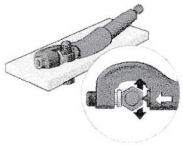
- With strong chisel, additionally induction hardened.
- At the cutting edge for breakage resistance.
- The chamfer at the chisel's edge improves the splitting effect and prevents breakage.
- With smooth chisel function.
- Channel walls rolled, thus mirror-smooth and wear resistant.
- For nuts up to property class 10.
- Chisel replaceable.
- For splitting jammed or stripped nuts without damaging the bolt thread.



1.26/1 HYD



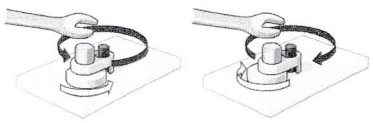
1.26/2 HYD



Code	No	for nuts	mm	max. t	kg
040790	1.26/1	**7-22 mm, M4-M14**	12	5.0	0.80
040870	1.26/2	**22-36 mm, M14-M24**	12	13.0	3.40

8600
STUD EXTRACTORS

- For inserting and removing studs.
- Suitable for extremely short stud ends.



Code	No	Ø-Stud	kg
041010	8600-1	4-10	0.290
041020	8600-2	8-25	0.570

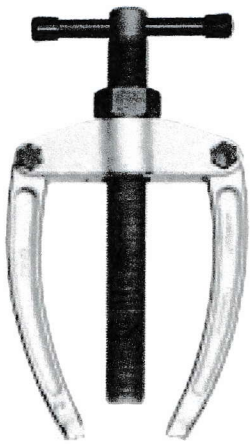
1.30/N
INTERNAL EXTRACTORS
with reinforced shoulder

- For extremely tightly packed ball bearings,bearing races, bushes, shaft seals and circlips.
- The shoulder of the shell jaw must be applied behind the bearing.

Code	No	mm	M	mm	kg
8012750	1.30/0	5-8	M10	10	0.12
8012830	1.30/1	8-12	M10	10	0.12
8012910	1.30/2	12-15	M10	10	0.13
8013130	1.30/3	15-19	M10	14	0.17
8013480	1.30/4	19-25	M10	14	0.20
8013560	1.30/4A	25-30	M10	14	0.30
8013640	1.30/5	30-35	M10	14	0.40
8013720	1.30/6	35-45	M14 x 1,5	17	0.65

1.36
SUPPORT BRACE

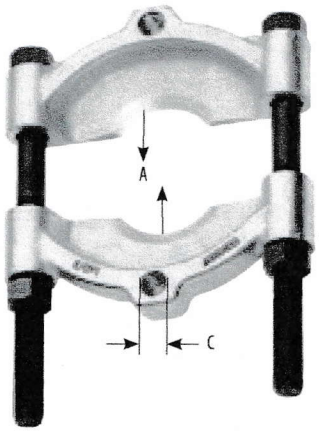
› **Operation:** The counter-support brace is placed on the housing and the spindle screwed onto the spindle of the internal extractor. The toggle is held firmly, and the bearing extracted by tightening the nut.



Code	No	mm	M	kg
8016580	1.36 / 1	27	M10	0.75
8016660	1.36 / 2	32	M14 x 1,5	1.65

1.40
SEPARATORS

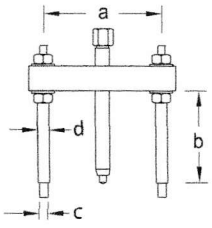
› For removing taper roller and ball bearings, inner bearing races, and other tightly-seated or thin-walled parts.
› **Operation:** The sharp edges of the separator blades are pressed behind the part and it is then withdrawn using the 1.38 puller.
› To avoid damage to delicate parts, the flat surfaces of the separator are used.
› *This produces a large support surface that prevents deformation.*

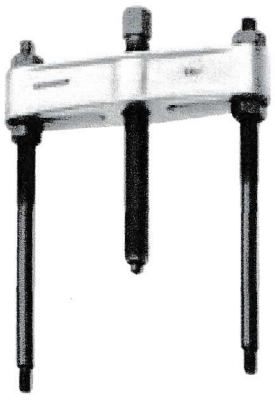


Code	No	A mm	for puller	C	kg
8019680	1.40/0	5-60	1.38/0	M10	1.10
8019760	1.40/1	12-75	1.38/1	M10	3.60
8019840	1.40/2	22-115	1.38/2	M14x1,5	2.30
8019920	1.40/3	30-155	1.38/3	M18x1,5	4.40

1.38
SEPARATOR PULLERS

› These separator pullers are used together with the bearing separators 1.40.
› The tension bolts are screwed into the threaded holes in the bearing separators.

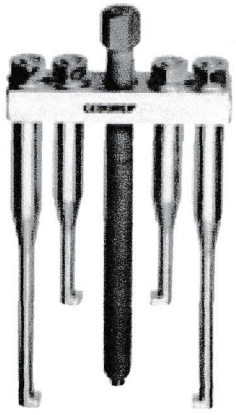




Code	No	For separator	a	b	mm	kg
8017550	1.38/0	1.40/0	40-120	125	17	1.0
8017630	1.38/1	1.40/1	60-165	180	19	1.1
8017710	1.38/2	1.40/2	70-215	195	22	3.4
8017980	1.38/3	1.40/3	*90-300*	*205*	27	6.5

1.67
STEERING WHEEL PULLER
for cars

› Contains 1 pair of short legs, 1 pair of long legs, and a protective cap for the thread of the steering column.



Code	No	Leg length up to	Clamping reach	mm	kg
8028240	1.67/1	135	35-90	17	0.90

1.85/1
PROFESSIONAL PLASTIC BEARING INSTALLATION SET

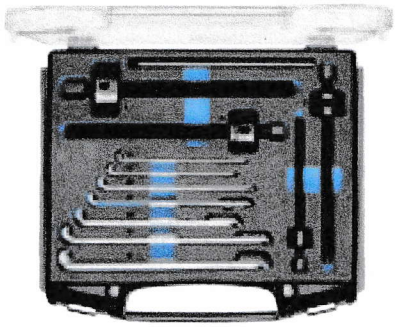
- Sturdy plastic bearing installation set.
- Impact resistant plastic is light but as robust as metal variants.
- This set guarantees that the installed bearings will not suffer the damage that might have occured when working 'metal to metal'.
- Ensures no deformations of the bearing housings, sealing rings or shafts.

Code	No.	Contents	
1120778	1.85/1	33 impact rings, 10-50mm for external Ø 26-110mm 3 aluminium impact sleeves 1 recoil-free bodywork hammer with nylon heads (1.2kg)	5.2

NEW

1101-1.29/3K
BALL BEARING EXTRACTOR SET

- Ball bearing extractor set for more than 40 ball bearings.
- For removing ball bearings that are both on a shaft and in a housing.
- Non-destructive removal of deep-groove ball bearings without dismantling the shaft; no necessity to drill open the bearing cage (no chippings).
- With Check-Tool insert.
- Insert for use in drawers with minimum dimensions 340 x 260 x 60mm.
- In GEDORE i-BOXX® 72 No. 1101 L.
- Dimensions: 367 x 316 x 72mm.



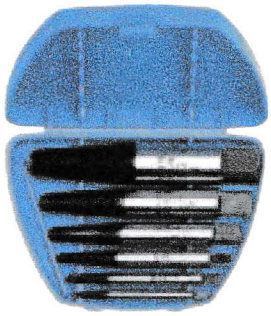
Code	No.	Contents	For ball bearing No.	
2964392	1101-1.29/3K	4 Heads with spindle no. 1.29/1-1.29/5 7 Heads with spindle no. 1.29/10-1.29/45 1 Handle no. 1.29/0	6000 6001 6002 6003 6004 6005 6006 6007 6008 6009 6010 6011 6012 6200 6201 6202 6203 6204 6205 6206 6207 6208 6209 6210 6211 6212 6213 6300 6301 6302 6303 6304 6305 6306 6307 6308 6309 6310 6311 6403 6404 6405 6406 6407	5.8

8551
BOLT EXTRACTOR SET

- Made from Chrome Vanadium steel-35HRC.
- In sturdy plastic case.

Operation

- Drill a central hole into the briken bolt.
- Turn the bolt extractor to the left into the hole until it grips and removes the bolt.
- Always use the maxiumum extractor size.



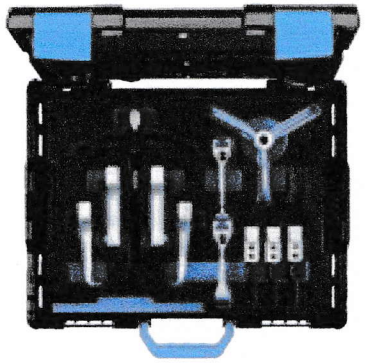
Code	No	
6759890	8551-88 Bolt Extractor Set	0.724
Sizes	1 2 3 4 5 6 7 8	

1.73
UNIVERSAL BALL JOINT PULLER

- For removing ball joints on cars.

Code	No	Clamping height	Fork Depth	mm	
8030810	1.73/1	65	24	23	0.730

1100-1.04
UNIVERSAL PULLER SET
in L-BOXX® 136

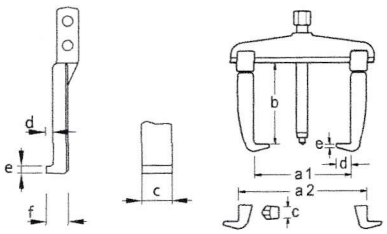


- Maximum capacity up to 5t.
- 2- and 3-arm cross-beam.
- With rigid and slim legs and extensions.
- Extra-slim pulling legs for cramped spaces are attached for self-mounting.
- The forged leg feet are very slim particularly suitable for barely accessible places.
- 12 different pullers can be combined.
- External Ø up to 130mm, internal Ø up to 170mm with a 200mm clamping reach.
- 1100 CT2-1.04 to retrofit existing L-BOXX®es 136.
- As tools are fully sunk in the foam, the equipped insert can be stacked.

Code	No.	Contents	kg
2838362	1100-1.04	L-Boxx® 136 no. 1100L + Assortment no. 1100 CT2-1.04	6.3

1.07/K
PULLER SET
with 9 legs

- In plastic case.
- Dimensions: 120 x 250mm.



Code	No.	Contents	a	b	max.t		mm	c	d	e	kg
8117340	1.07/K	2-arm Cross Piece 3-arm Cross Piece 3 x Pulling Hooks - 100mm 3 x Pulling Hooks - 200mm 3 x Slim Pattern Pulling Hooks - 250mm	130	100 / 200 / 250	2.5	M 14x1,5 x 140	17	27	7.5	3.7	5.8

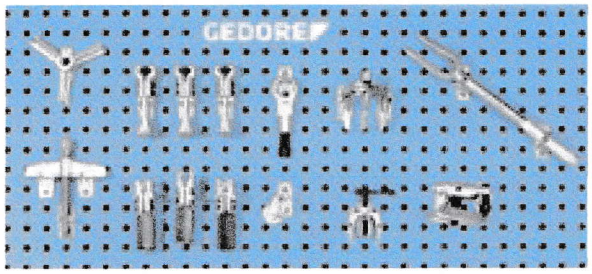
1.31
INTERNAL EXTRACTOR SET

- For extremely tightly packed ball bearings, bearing races, bushes, shaft seals and circlips.

Code	No.	Contents	kg
8014610	1.31/1	6 internal extractors 12-46mm, No. 1.30/2 - /6 2 counter-support braces No. 1.36/1 - /2	6.4

2.10
CAR WORKSHOP KIT

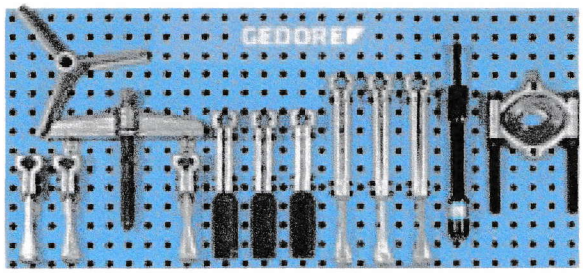
› Clearly arranged modular system on pegboard.



Code	No.	Contents	kg
1088696	2.10PKW	2-arm Cross Piece - 140mm 3-arm Cross Piece - 140mm 3 x Pulling Hooks - 100mm 3 x Slim Pattern Pulling Hooks - 100mm 2-arm Battery Terminal Puller Nut Splitter Stud Extractor Dismantling & Assembly Fork Universal Ball Joint Puller Oil Filter Hook	13.8

2.20
TRUCK WORKSHOP KIT

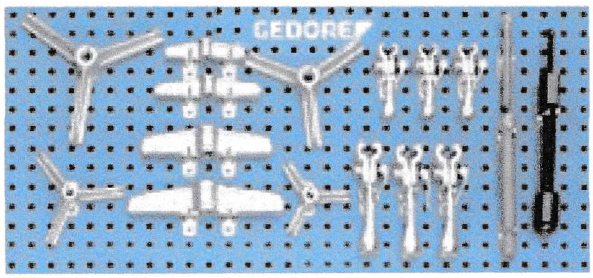
› Clearly arranged modular system on pegboard.



Code	No.	Contents	kg
1088718	2.20LKW	2-arm Cross Piece - 260mm 3-arm Cross Piece - 260mm 3 x Pulling Hooks - 100mm 3 x Pulling Hooks - 300mm 3 x Slim Pattern Pulling Hooks - 220mm Spindle Hydraulic Pressure Spindle Bearing Separator	25.0

2.30
INDUSTRIAL PULLER KIT

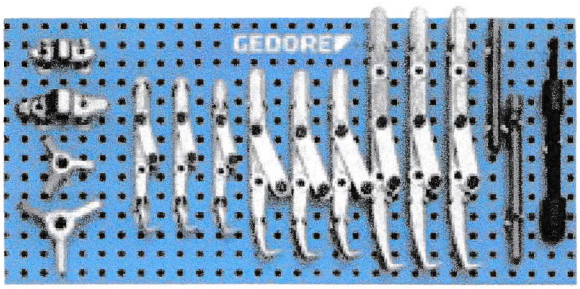
› For the assembly of 1.06 and 1.07 pullers.
› Clearly arranged modular system on pegboard.



Code	No.	Contents	kg
1393014	2.30	4 x 2-arm cross pieces 140 180 220 260mm 4 x 3-arm cross pieces 140 180 220 260mm 2 x Spindles Hydraulic Pressure Spindle 6 x Pulling Hooks	19.6

2.40
CONSTRUCTION MACHINE KIT

› For the assembly of 1.14 and 1.15 pullers.
› Clearly arranged modular system on pegboard.

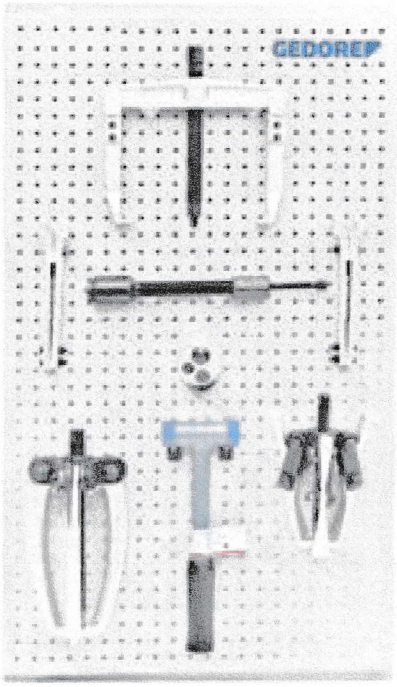


Code	No.	Contents	kg
1393030	2.40	2 x 2-arm Heads 2 x 3-arm Heads 3 x Pulling Hooks - 210mm 3 x Pulling Hooks - 260mm 3 x Pulling Hooks - 390mm 2 x Spindles Hydraulic Pressure Spindle	24.9

INDUSTRIAL KIT

11 pieces

› Clearly arranged modular system on pegboard.

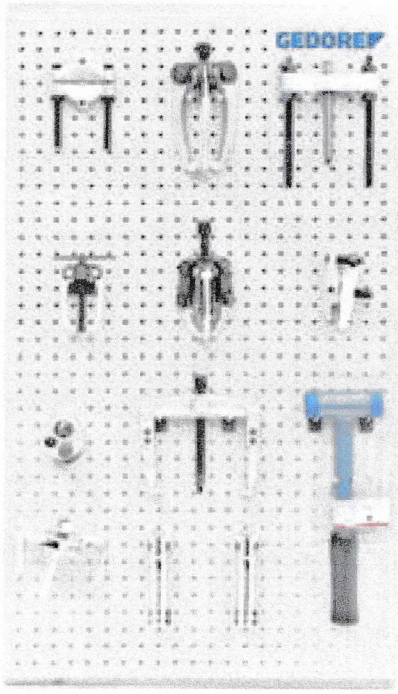


Code	No.	Contents	kg
634840	Industrial Puller Kit (7-Piece)	8220-20 Universal Twin Grip Puller 8220-20P Extension 8565-4 Triple Grip Puller HSP 1 Hydraulic Pressure Spindle 8569-2 Universal Triple Grip Puller 8600-2 Stud Extractor 248 ST Recoil Free Hammer 1450S Tool Panel (Including Hooks)	19.6

CAR WORKSHOP KIT

15 pieces

› Clearly arranged modular system on pegboard.



Code	No.	Contents	kg
634859	Car Workshop Puller Kit (11-Piece)	8220-10 Universal Twin Grip Puller 8220-10P Extensions 8562-2 Battery Terminal Puller 8565-2 Triple Grip Puller 8569-1 Universal Triple Grip Puller 8600-2 Stud Extractor 1.38-0 Separator Puller 1.40-0 Bearing Separator 1.73-1 Ball Joint Puller 1.75-1 Oil Filter Hook 248 ST Recoil Free Hammer 1450S Tool Panel (Including Hooks)	13.6

SAFETY NOTES PULLERS

› Read the operating instructions!
› Use only original spare parts and accessories for your Gedore puller. Never use worn, modified or defective spare parts or accessories.
› Wear goggles and protective clothing when working. For added safety, use the Gedore safety cover 5.10!
› Before pulling, ensure that the legs are in contact with the part to be pulled and are firmly tightened so that the spindle operates centrally along the axis of the puller.
› Attention! When using a puller, forces of up to several tons are generated! Take care to ensure that the puller is correctly positioned and is vertical to the component being pulled.
› Do not use electric or pneumatic power or percussion drivers.