



KUKKO
Tool factory

A world **in motion**
since 1919!

specialized in extractors



Automotive ^{EN}

KUKKO tool program specially tailored for automotive.





KUKKO - the puller specialist since 1919

KUKKO-Werkzeugfabrik Kleinbongartz & Kaiser oHG is the manufacturer of extractor tools for users in trade and industry. In 1919, Kleinbongartz & Kaiser oHG, the core company of today's **KUKKO Group**, was founded by Alfred Kleinbongartz and his brother-in-law Emil Kaiser in Remscheid, the centre of the German tool industry.

KUKKO has been an independent, owner-run family company for four generations and is one of the world's leading producers of extractor tools of all kinds.

From the very beginning, **KUKKO** specialized in the development and manufacturing of extractor tools for the non-destructive dismantling of gears, bearings, ball bearings and similar components in all areas of technology. To this day, the product lines, extractor tools and dismantling tools are the core business of the **KUKKO Group**.

Numerous German and foreign patents, registered designs, and utility models bear witness to the intensive, continuous and successful development work.

You can find this on our homepage **www.kukko.com**

We have made plenty of information available for you in the download area. You will also find detailed information and application videos concerning the product.



www.youtube.com/kukkotools

The videos will help you with any questions you may have about the application of our tools.



Our Extractor Guide will help you to quickly and safely select the right extractor.











Would you like to order spare parts? You can do this quickly and easily, because all the components are available and numbered as spare parts. In the service area of our homepage, you will find the spare parts list for downloading.





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Impressum

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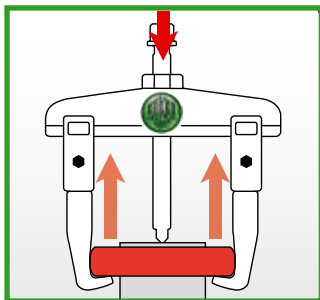
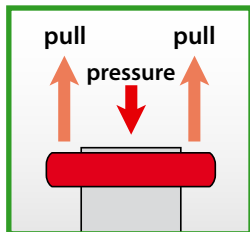
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EXTERNAL



The part to be removed is on a shaft and is freely accessible from the outside!

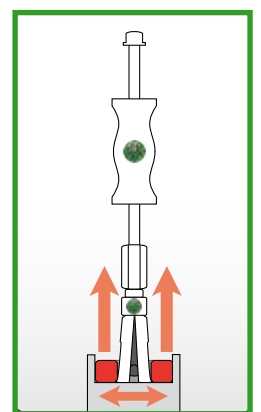
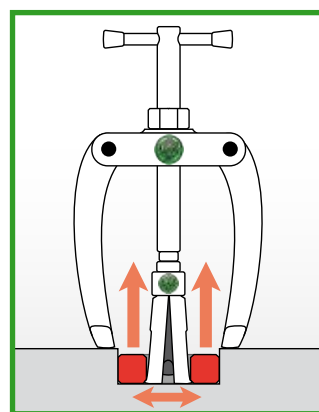
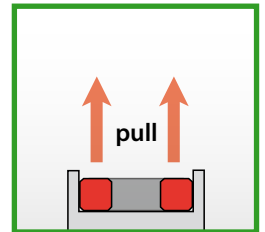
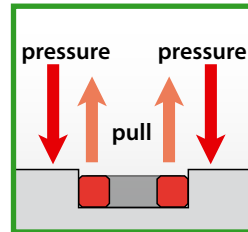


Use an **EXTERNAL** puller

INTERNAL



The part to be removed is in a recess!

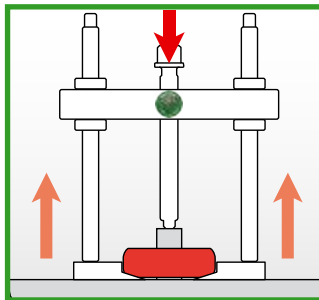
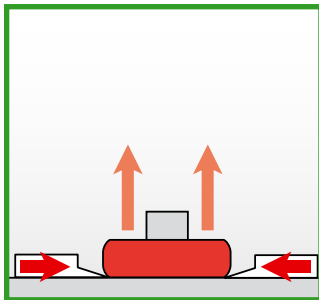
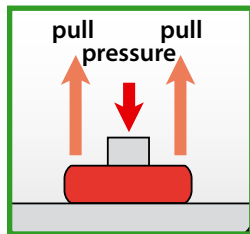


Use an **INTERNAL** puller

SEPARATING



The part to be removed is level. It is not possible to use standard puller jaws!

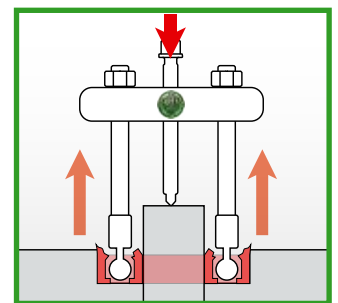
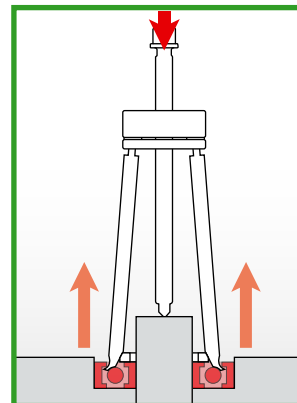
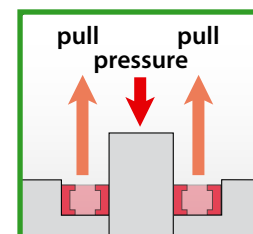


Use an SEPARATING device

BALL BEARING



The ball bearing is in a housing and on a shaft at the same time.



Use an BALL BEARING extractor





External extracting

Außen-Abziehen

01

Pullers with sliding,
parallel jaws.....**06-22**

Abzieher mit gleitenden,
immer parallelen Abzughaken

Pullers with swivelling jaws.....**23-27**

Abzieher mit
schwenkbaren Abzughaken

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Pullers with sliding, parallel jaws

2-arm pullers

For removing bearings, gears, discs, etc.

20








Description

- Standard pulling hook.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.
- Pulling hooks with infinite adjustment on the cross-beam.
- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 30 for optimal force distribution.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam, up to size -30, includes hexagonal profile for holding.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
20-1	-009433	90	100	17	4,5	80	
20-10	-009921	120	100	17	4,5	80	
20-2	-009501	160	150	22	6,0	150	
20-20	-010088	200	150	22	6,0	150	
20-3	-009686	250	200	27	8,5	300	
20-30	-010163	350	200	27	8,5	300	
20-4	-009761	520	200	36	12,0	400	
20-40	-411861	650	300	36	12,0	400	

Universal 2-jaw puller with long hydraulic spindle(including mechanical pressure screw)

For pulling particularly tight bearings, gears, discs, etc.

20-B







Description

- Lubricating hydraulics.
- Standard pulling hook.
- Two-arm design for space-saving operation.
- Pulling hooks with infinite adjustment on the cross-beam.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Easy and even pulling for particularly tight parts.
- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam, up to size -30, includes hexagonal profile for holding.

Art.-No.		 mm	 mm	 mm	max. t	mit with	
20-2-B	-885815	160	150	12	7	8-01	
20-20-B	-885846	200	150	12	7	8-01	
20-3-B	-885891	250	200	12	10	8-02	
20-30-B	-885945	350	200	12	10	8-02	
20-4-B	-885983	520	200	-	15	8-1-B	
20-40-B	-886010	650	300	-	15	8-1-B	

Universal 2-jaw puller, in set

For removing bearings, gears, discs, etc.





20-P

**Description**

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller Series 30-P3 for optimal force distribution.
- Standard pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.	 4021176	 mm	 mm	 mm	max. t	mit with	
20-10-P3	-267611	120	100/200/250/350	17	4,5	1-90-P, 1-190-P, 1-250-P	
20-20-P2	-003004	200	150/300	17	6	2-150-P, 2-300-P	
20-30-P3	-003011	350	200/300/400	19	8,5	3-200-P, 3-300-P, 3-400-P	

Sales display for 2-arm pullers

For removing bearings, gears, discs, etc.





20-ST

**Description**

- The sales and workshop stands enable 2-jaw pullers to be stored and presented safely.
- Standard pulling hook.
- Two-arm design for space-saving operation.
- Pulling hooks with infinite adjustment on the cross-beam.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.

Art.-No.	 4021176	 mm	 mm	max. t		Stück pieces	
20-ST	-010248	90 - 250	100 - 200	4,5 - 8,5	20-1, 20-10, 20-2, 20-20, 20-3, 20-STL	5	



Set of universal 2- and 3-arm pullers

For removing bearings, gears, discs, etc.

K-2030-10








Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- 8 in 1 kit in the tried-and-tested KUKKO-L-Boxx-System.
- Standard pulling hook.
- Jaw extensions.
- Pulling hooks with infinite adjustment on the cross-beam.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.

Art.-No.				max.			
K-2030-10	-974748	120 - 130	100 - 350	4,5 - 6,0	20-10-P3, 30-10-P3, 614250	L-Boxx	

Set of universal 2- and 3-arm pullers

For removing bearings, gears, discs, etc.

K-2030-20








Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- 7 in 1 kit in the tried-and-tested KUKKO-L-Boxx-System.
- Standard pulling hook.
- Jaw extensions.
- Pulling hooks with infinite adjustment on the cross-beam.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.

Art.-No.				max.			
K-2030-20	-161360	200	150 - 450	6	24	L-Boxx	

Set of universal hydraulic 2- and 3-arm pullers

For pulling particularly tight bearings, gears, discs, etc.

K-2030-20-B








Description

- Lubricating hydraulics.
- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- 14 in 1 kit in the tried-and-tested KUKKO-L-Boxx-System.
- Standard pulling hooks in various lengths.
- Jaw extensions.
- Pulling hooks with infinite adjustment on the cross-beam.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.

Art.-No.				max.		mit with		
K-2030-20-B	-123269	200	150 - 450	7	24	8-01	L-Boxx	

Universal 3-jaw pullers

ST

For removing bearings, gears, discs, etc.

30








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20.
- Standard pulling hook.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
30-1	-013393	90	100	17	6	80	
30-10	-013621	120	100	17	6	80	
30-2	-013478	160	150	22	7	150	
30-20	-013706	200	150	22	7	150	
30-3	-013546	250	200	27	10	250	
30-30	-303005	350	200	27	10	250	
30-4	-303302	375	200	36	15	500	
30-40	-303319	520	200	41	15	500	
30-5	-303326	650	300-500	41	20	650	

Universal 3-jaw puller with long hydraulic spindle

ST

For pulling particularly tight bearings, gears, discs, etc.

30-B







Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20-B.
- Lubricating hydraulics.
- Standard pulling hook.
- Pulling hooks with infinite adjustment on the cross-beam.
- Hydraulic and mechanical pressure screw.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.-No.		 mm	 mm	 mm	max. t	mit with	
30-2-B	-886317	160	150	12	7	8-01	
30-20-B	-886348	200	150	12	7	8-01	
30-3-B	-886393	250	200	12	10	8-02	
30-30-B	-303104	350	200	12	10	8-02	



Universal 3-jaw puller with extended jaws

ST

For removing bearings, gears, discs, etc.

30







Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20.
- Extended standard puller hook.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.

Art.-No.					max.	
		mm	mm	mm	t	
30-1-2	-730726	90	200	17	6	
30-10-2	-730801	120	200	17	6	
30-2-3	-730986	160	300	22	7	
30-20-3	-731068	200	300	22	7	
30-3-25	-901256	250	250	27	10	
30-3-3	-731143	250	300	27	10	
30-3-4	-731228	250	400	27	10	
30-3-5	-731303	250	500	27	10	

Universal 3-jaw puller with long hydraulic spindle and extended jaws(including mechanical pressure screw)

ST

For pulling particularly tight bearings, gears, discs, etc.

30 B







Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20-B.
- Lubricating hydraulics.
- Extended standard puller hook.
- Pulling hooks with infinite adjustment on the cross-beam.
- Hydraulic and mechanical pressure screw.

Advantage

- Easy and even pulling for particularly tight parts.
- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.					max.	mit with	
		mm	mm	mm	t		
30-2-3-B	-886300	160	300	12	7	8-01	
30-20-3-B	-886331	200	300	12	7	8-01	
30-3-3-B	-886362	250	300	12	10	8-02	
30-3-4-B	-886379	250	400	12	10	8-02	
30-3-5-B	-886386	250	500	12	10	8-02	

Universal 3-arm puller-set

For removing bearings, gears, discs, etc.





30-P3

**Description**

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20-P.
- Standard pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.- No.	 40211176	 mm	 mm	 mm	max. t	
30-10-P3	-111136	130	100/200/250/350	17	6	
30-20-P2	-111150	200	150/300	22	7	
30-3-P3	-111174	250	200/300/400	27	10	



Universal 2-jaw puller with narrow jaws

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

20-S








Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller Series 30-S for optimal force distribution.
- Thin pulling hooks.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
20-1-S	-757396	90	100	17	2,5	35	
20-10-S	-757471	120	100	17	2,5	35	
20-2-S	-727368	160	150	22	5	120	
20-20-S	-727443	200	150	22	5	120	
20-3-S	-727511	250	200	27	7	220	
20-30-S	-727696	350	200	27	7	220	

2-jaw puller with narrow jaw, in set

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

20-SP







Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller Series 30-SP for optimal force distribution.
- Thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.		 mm	 mm	 mm	max. t	mit with	
20-10-SP	-461514	120	100/200/250/350	17	4	1-91-P, 1-191-P, 1-251-P	
20-20-SP	-701856	200	150/300	22	5	2-151-P, 2-301-P	
20-30-SP	-701931	350	200/300/400	27	7	3-201-P, 3-301-P, 3-401-P	

Set of two- and three-arm pullers with narrow jaws

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

K-2030-10-S



Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- 8 in 1 kit in the tried-and-tested KUKKO-L-Boxx-System.
- Thin pulling hooks.
- Jaw extensions.
- Pulling hooks with infinite adjustment on the cross-beam.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.

Art.-No.		mm	mm	max. t	mm			
K-2030-10-S	-306181	120 - 130	100 - 350	4,0	17	20-10-SP, 30-10-SP, 614250	L-Boxx	

Set of two- and three-arm pullers with narrow jaws

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

K-2030-20-S



Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- 7 in 1 kit in the tried-and-tested KUKKO-L-Boxx-System.
- Thin pulling hooks.
- Jaw extensions.
- Pulling hooks with infinite adjustment on the cross-beam.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.

Art.-No.		mm	mm	max. t	mm			
K-2030-20-S	-123276	200	150 - 450	5	24	L-Boxx		



Universal 3-jaw puller with narrow jaws

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

30-S








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20-S for optimal force distribution.
- Thin pulling hooks.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.-No.					max. t	 max. Nm	
30-1-S	-727771	90	100	17	3	40	
30-10-S	-728198	120	100	17	3	40	
30-2-S	-727856	160	150	22	5	120	
30-20-S	-727931	200	150	22	5	120	
30-3-S	-728013	250	200	27	7	220	

Universal 3-jaw puller with narrow jaws, in set

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

30-SP








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20-SP for optimal force distribution.
- Thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

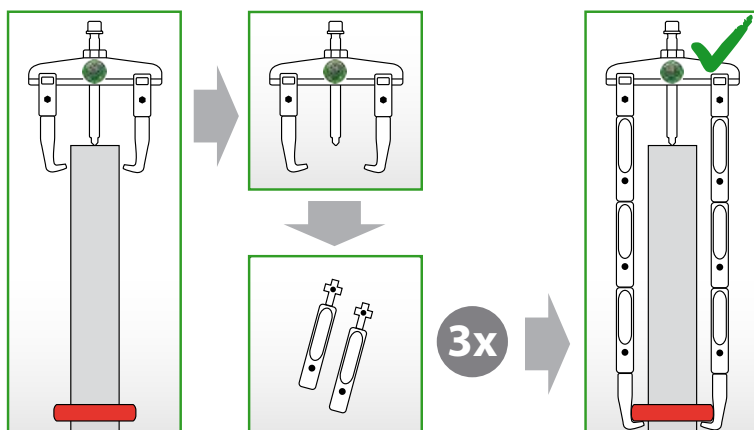
Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.-No.					max. t	 max. Nm	mit with	
30-10-SP	-463839	120	100 - 350	17	3	40	1-91-S, 1-191-S, 1-251-S	
30-20-SP	-728273	200	150/300	22	5	120	2-151-S, 2-301-S	
30-3-SP	-728358	250	200/300/400	27	7	220	3-201-S, 3-301-S, 3-401-S	



TIP: Modular extensions

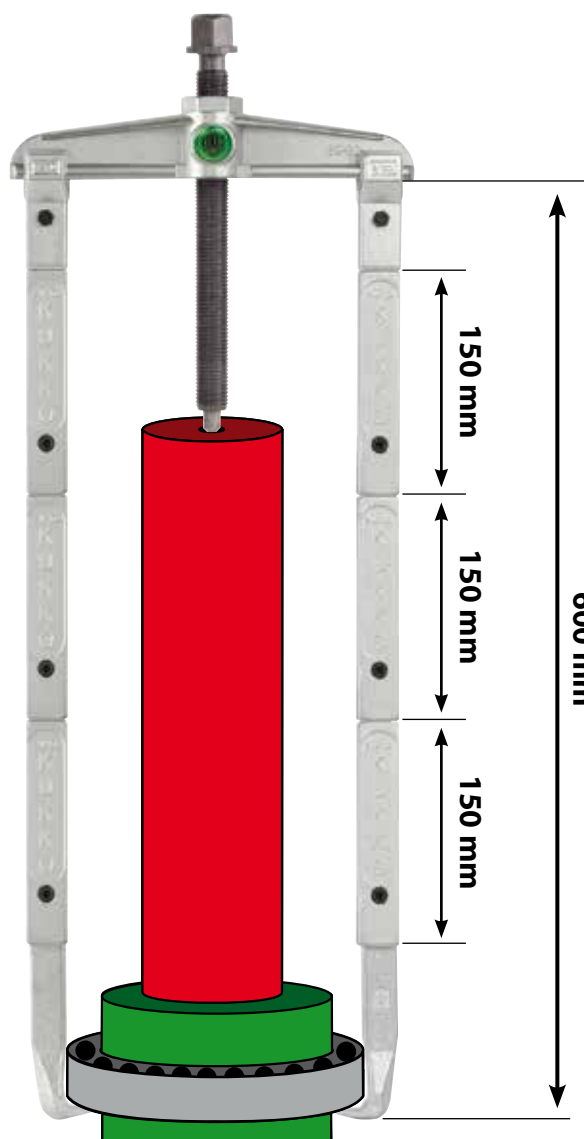


For the 20 and 30 series, we offer modular extensions. If the part to be removed sits deep inside a shaft, jaw extensions will be needed.

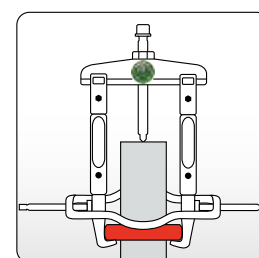
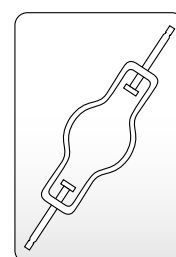
see: ACCESSORIES EXTERNAL PULLING.

20-1	30-1	100
20-10	30-10	100
20-2	30-2	150
20-20	30-20	150

Art.-No.	mm	für for
1-V-100	100	20-1; 20-10 30-1; 30-10
1-V-150	150	20-1; 20-10 30-1; 30-10
2-V-150	150	20-2; 20-20 30-2; 30-20



The side clamp is available separately (No. 219-1). It is attached to the puller jaw after the puller has been fitted and prevents slippage of the puller jaw under very high forces.





Universal 2-jaw puller with extremely narrow jaws

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

20-S-T








Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller Series 30-S-T for optimal force distribution.
- Extra-thin trapezoidal pulling hooks.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Turning the pulling hooks enables them to be used both internally and externally.

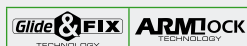
Art.-No.					max.		
		mm	mm	mm	t	Nm	
20-1-S-T	-321641	90	100	17	2,5	35	
20-10-S-T	-201097	120	100	17	2,5	35	

2-jaw puller with extremely narrow jaws, in set

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

20-SP-T







Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- Extra-thin trapezoidal pulling hooks.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.					max.	mit with	
		mm	mm	mm	t		
20-10-SP-T	-321658	120	100/200/250/350	17	4,0	1-94-P, 1-194-P, 1-254-P	

Set of universal 2- and 3-arm pullers with extremely narrow jaws

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

K-2030-10-S-T








Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- 8 in 1 kit in the tried-and-tested KUKKO-L-Boxx-System.
- Extra-thin trapezoidal pulling hooks.
- Jaw extensions.
- Pulling hooks with infinite adjustment on the cross-beam.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.

Art.-No.				max.			
		mm	mm	t			
K-2030-10-S-T	-852022	120 - 130	100 - 350	4,0	20-10-SP-T, 30-10-SP-T, 614250	L-Boxx	



Universal 3-jaw puller with extremely narrow jaws

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

30-S-T








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20-S-T for optimal force distribution.
- Extra-thin trapezoidal pulling hooks.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.-No.					max. t	 max. Nm	
30-1-S-T	-321689	90	100	17	3	40	
30-10-S-T	-321696	120	100	17	3	40	

3-jaw puller with extremely narrow jaws, in set

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

30-SP-T








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20-SP for optimal force distribution.
- Thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.-No.					max. t	 max. Nm	
30-10-SP-T	-770272	130	100/200/250/350	17	3	40	



Universal 2-jaw puller with quick adjusting jaws

ST

For removing bearings, gears, discs, etc.

20+








Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller series 30+ for optimal force distribution.
- Standard pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.

Art.-No.					max.	 max.	
		mm	mm	mm	t	Nm	
20-1+	-644771	90	100	17	4,5	80	
20-10+	-644856	120	100	17	4,5	80	
20-2+	-644931	160	150	22	6	150	
20-20+	-645013	200	150	22	6	150	
20-3+	-645198	250	200	27	8,5	300	
20-30+	-645273	350	200	27	8,5	300	

Universal 2-jaw puller with long hydraulic spindle and quick adjusting jaws(including mechanical pressure screw)

ST

For pulling particularly tight bearings, gears, discs, etc.

20+B







Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 30+B.
- Lubricating hydraulics.
- Standard pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Hydraulic and mechanical pressure screw.

Advantage

- Easy and even pulling for particularly tight parts.
- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam, up to size -30, includes hexagonal profile for holding.

Art.-No.					max.	mit with	
		mm	mm	mm	t		
20-2+B	-885792	160	150	12	7	8-01	
20-20+B	-885822	200	150	12	7	8-01	
20-3+B	-885853	250	200	12	10	8-02	
20-30+B	-885907	350	200	12	10	8-02	



Universal 3-jaw puller with quick adjusting jaws

ST

For removing bearings, gears, discs, etc.

30+








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20+ for optimal force distribution.
- Standard pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.

Art.-No.					max.		
		mm	mm	mm	t	Nm	
30-1+	-731488	90	100	17	6	80	
30-10+	-731556	120	100	17	6	80	
30-2+	-731631	160	150	22	7	150	
30-20+	-731716	200	150	22	7	150	
30-3+	-731891	250	200	27	10	250	
30-30+	-303333	350	200	27	10	250	

Universal 3-jaw puller with long hydraulic spindle and quick adjusting jaws(including mechanical pressure screw)

ST

For pulling particularly tight bearings, gears, discs, etc.

30+B







Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20+B.
- Lubricating hydraulics.
- Standard pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Hydraulic and mechanical pressure screw.

Advantage

- Easy and even pulling for particularly tight parts.
- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.					max.	mit with	
		mm	mm	mm	t		
30-2+B	-886294	160	150	12	7	8-01	
30-20+B	-886324	200	150	12	7	8-01	
30-3+B	-886355	250	200	12	10	8-02	
30-30+B	-303067	350	200	12	10	8-02	



Universal puller set with separator

ST

For removing and separating ball bearings, roller bearings, inner rings and other flush parts.

K-20-15









Description

- Lubricating hydraulics.
- Standard pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Hydraulic and mechanical pressure screw.
- Pressure pads and extensions includes in the set.

Advantage

- Hydraulic spindle can be used for both cross-beams.
- Easy and even pulling for particularly tight parts.
- Can be installed on various pulling hooks.
- Variable reach with jaw extensions.
- Spindle head band prevents the wrench from slipping off.

Art.-No.		 mm	 mm	 mm	max. t			
K-20-15	-367311	90 - 160	100 - 300	22 - 115	4,5 - 6,0	20-1+, 20-2+, 1-192-P, 2-302-P, 8-01, 600-17, 15-2, 18-2	L-Boxx (2 Stk./ pcs.)	

Sales display for 2-arm pullers

ST

For removing bearings, gears, discs, etc.

20-ST+







Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- The sales and workshop stands enable 2-jaw pullers to be stored and presented safely.
- Standard pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.

Art.-No.		 mm	 mm	max. t		Stück pieces	
20-ST+	-668944	90 - 250	100 - 200	4,5 - 8,5	20-1+, 20-10+, 20-2+, 20-20+, 20-3+, 20-STL	5	

Universal 2-jaw puller with narrow, quick adjusting jaws

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

20+S



Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller series 30+S for optimal force distribution.
- Thin pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.					max.		
		mm	mm	mm	t	max. Nm	
20-1+S	-756221	90	100	17	2,5	35	
20-10+S	-756306	120	100	17	2,5	35	
20-2+S	-756481	160	150	22	5	120	
20-20+S	-756559	200	150	22	5	120	
20-3+S	-756634	250	200	27	7	220	
20-30+S	-756719	350	200	27	7	220	

Universal 2-jaw puller with extremely narrow, quick adjusting jaws

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

20+S-T



Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller series 30+S-T for optimal force distribution.
- Extra-thin trapezoidal pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Turning the pulling hooks enables them to be used both internally and externally.

Art.-No.					max.		
		mm	mm	mm	t	max. Nm	
20-1+S-T	-321344	90	100	17	2,5	35	
20-10+S-T	-321368	120	100	17	2,5	35	



Universal 3-jaw puller with narrow, quick adjusting jaws

ST

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

30+S








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20+S for optimal force distribution.
- Thin pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.-No.					max.		
		mm	mm	mm	t	Nm	
30-1+S	-756894	90	100	17	3	40	
30-10+S	-756979	120	100	17	3	40	
30-2+S	-757051	160	150	22	5	120	
30-20+S	-757136	200	150	22	5	120	
30-3+S	-757211	250	200	27	7	220	

Universal 3-jaw puller with extremely narrow, quick adjusting jaws

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

30+ST








Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20+S-T for optimal force distribution.
- Extra-thin trapezoidal pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Can be installed on various pulling hooks.
- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.

Art.-No.					max.		
		mm	mm	mm	t	Nm	
30-1+S-T	-321320	90	100	17	3	40	
30-10+S-T	-321337	130	100	17	3	40	



Pullers with swivelling jaws

Universal 2-jaw puller with swiveling jaws

ST

For removing bearings, gears, discs, etc.

41



41-0






41-1
41-241-3
41-4
41-5

Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 42 for optimal force distribution.
- Rotating standard puller hook.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
41-0	-362859	60	40	13	1,0	25	
41-1	-015038	65	65	-	1,0	25	
41-2	-015113	80	80	-	1,5	25	
41-3	-787829	90	120	13	3,0	40	
41-4	-836268	130	160	17	5,0	85	
41-5	-836343	180	200	22	7,0	150	

Universal 2-jaw puller with long hydraulic spindle(including mechanical pressure screw)

ST

For pulling particularly tight bearings, gears, discs, etc.

41-B





hydraulic
TECHNOLOGY

Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 42 for optimal force distribution.
- Lubricating hydraulics.
- Rotating standard puller hook.
- Two-arm design for space-saving operation.
- Hydraulic spindle and mechanical pressure screw.

Advantage

- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm	 mm	 mm	max. t	mit with	
41-5-B	-887345	180	200	22	7	8-01	



Universal 3-jaw puller with swiveling jaws

ST

For removing bearings, gears, discs, etc.

42



42-0



42-1
42-2








42-3
42-4
42-5

Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 41.
- Rotating standard puller hook.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
42-0	-362026	60	40	13	1,5	25	
42-1	-015298	65	65	-	1,5	25	
42-2	-015373	80	80	-	1,5	25	
42-3	-787904	90	120	13	3,0	40	
42-4	-836428	130	160	17	5,0	85	
42-5	-836596	180	200	22	7,0	150	

3-jaw puller with long hydraulic spindle(including mechanical pressure screw)

ST

For pulling particularly tight bearings, gears, discs, etc.

42-B







hydraulic
TECHNOLOGY

Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 41 for optimal force distribution.
- Lubricating hydraulics.
- Rotating standard puller hook.
- Hydraulic spindle and mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	 mm	max. t	mit with	
42-5-B	-887352	180	200	22	7	8-01	

Universal 2-jaw puller with adjustable reach and swiveling jaws

ST

For removing bearings, gears, discs, etc.

205









Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 206 for optimal force distribution.
- Rotating standard puller hook.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Universal application thanks to adjustable clamping depths.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.

Art.-No.		 mm	 mm		 mm	max. t	 max. Nm	
205-00	-028571	100	100	2	13	3,5	50	
205-01	-028656	150	150	2	17	5	120	
205-02	-028731	250	220	2	22	7	150	
205-1	-028816	300	280	2	27	10	280	
205-2	-028991	400	400	3	27	10	300	
205-3	-029073	500	540	3	27	12	320	

Universal 2-jaw puller with adjustable reach, long hydraulic spindle and swiveling jaws(including mechanical pressure screw)

ST

For pulling particularly tight bearings, gears, discs, etc.

205-B







Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 206-B for optimal force distribution.
- Rotating standard puller hook.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.
- Mechanical pressure screw.

Advantage

- Easy and even pulling for particularly tight parts.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Universal application thanks to adjustable clamping depths.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm	 mm		max. t	mit with	
205-02-B	-886072	250	220	2	7	8-01	
205-1-B	-886089	300	280	2	12	8-02	
205-2-B	-886096	400	400	3	12	8-02	
205-3-B	-886102	500	540	3	12	8-02	



Universal 3-jaw puller with adjustable reach and adjustable swiveling jaws

ST

For removing bearings, gears, discs, etc.

206









Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 205.
- Rotating standard puller hook.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Moving special press cap enables sloping workpieces up to 35° to be clamped.
- Mechanical pressure screw.

Advantage

- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Universal application thanks to adjustable clamping depths.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8-0 for particularly tight parts, available from a particular puller size.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.

Art.-No.		 mm	 mm		 mm	max. t	 max. Nm	
206-00	-029158	100	100	2	13	3,5	50	
206-01	-029233	150	150	2	17	5	120	
206-02	-029318	250	220	2	22	7	150	
206-1	-029493	300	280	2	27	10	280	
206-2	-029561	400	400	3	27	10	300	
206-3	-029646	500	540	3	27	12	320	

Universal 3-jaw puller with adjustable reach, long hydraulic spindle and swiveling jaws(including mechanical pressure screw)

ST

For pulling particularly tight bearings, gears, discs, etc.

206-B







Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 205-B.
- Rotating standard puller hook.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Mechanical pressure screw.
- Lubricating hydraulics.

Advantage

- Easy and even pulling for particularly tight parts.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Universal application thanks to adjustable clamping depths.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm	 mm		max. t	mit with	
206-02-B	-886119	100	100	2	7	8-01	
206-1-B	-412448	300	280	2	10	8-02	
206-2-B	-886126	400	400	3	10	8-02	
206-3-B	-886133	500	540	3	12	8-02	

3-jaw combination puller with adjustable reach and swiveling jaws**ST**

For removing bearings, gears, discs, etc.

207

**Description**

- Rotating puller hook.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Combi-pullers can be used as a 3-jaw and 2-jaw puller.
- Universal application thanks to adjustable clamping depths up to a certain size.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.						max.		
		mm	mm		mm	t	max. Nm	
207-00	-029721	120	100	2	13	3,5	50	
207-01	-029806	200	150	2	17	5	120	
207-02	-029981	300	220	2	22	7	150	
207-1	-030048	400	280	2	27	10	280	
207-2	-030123	450	400	3	27	10	300	
207-3	-030208	550	540	3	27	12	320	
207-65	-880100	650	650	1	41	15	400	
207-80	-880117	800	800	1	41	15	400	
207-95	-880094	1000	1000	1	41	15	400	

3-jaw combination puller with adjustable reach, long hydraulic spindle and swiveling jaws(including mechanical pressure screw)**ST**

For pulling particularly tight bearings, gears, discs, etc.

207-B


Description

- Rotating standard puller hook.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Lubricating hydraulics.
- Milled thread treated with special coating.

Advantage

- Combi-pullers can be used as a 3-jaw and 2-jaw puller.
- Easy and even pulling for particularly tight parts.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Universal application thanks to adjustable clamping depths.
- Spindle head band prevents the wrench from slipping off.

Art.-No.					max.	für	mit	
		mm	mm		t	for	with	
207-02-B	-886140	300	170	2	7		8-01	
207-1-B	-886157	400	230	2	10		8-02	
207-2-B	-886164	450	350	3	10		8-02	
207-3-B	-886171	550	490	3	12	VW T4, VAG Transporter (96)	8-02	



Pullers with self-centering jaws

2-jaw pullers with quick adjusting capability and T-jaws with claw feet

ST

For tight spaces when pulling sprockets, bearings and similar parts.

14








Description

- Shears - pulling hooks.
- Parallel pulling hooks in every position, even with full load.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Self-securing locking pins do not fall out during work.
- Clamping widths and depths can be selected on an individual basis.
- Puller is self-tensioning and easy to handle.
- Extremely high clamping width range thanks to variable assembly of puller jaws.
- Shear-style hook design presses into the claw-style feet when pulling the part to be removed.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
14-01	-459559	6 - 100	85	13	1	30	
14-03	-460111	5 - 140	160	17	2	40	
14-1	-455421	6 - 100	85	13	2,5	50	
14-2	-248443	10 - 140	125	17	3,5	80	
14-3	-248511	15 - 140	160	17	4,5	100	

2-jaw small part puller with self-centering jaws

ST

For removing particularly small bearings, gears or discs, etc. for tight or difficult-to-access spaces.

43-001









Description

- Thin pulling hooks.
- Automatic self-centering pulling hooks.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- This handy, space-saving model is particularly suited for vehicle electrical equipment, electrical workshops, compressed air repair processes and other similar applications.
- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	 mm	 mm	
43-001	-913518	60	50	1,5	10	4,5	

3-jaw small part puller with self-centering jaws**ST**

For removing particularly small bearings, gears or discs, etc. for tight or difficult-to-access spaces.

43-011

**Description**

- Thin pulling hooks.
- Automatic self-centering pulling hooks.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- This handy, space-saving model is particularly suited for vehicle electrical equipment, electrical work-shops, compressed air repair processes and other similar applications.
- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.							
		mm	mm	mm	mm	mm	
43-011	-913501	60	50	1,5	10	4,5	

Universal 2-jaw puller with self-centering jaws**ST**

For removing small bearings, gears or discs, etc. for tight or difficult-to-access spaces.

43

**Description**

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- Thin pulling hooks.
- Automatic self-centering pulling hooks.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.

Advantage

- This handy, space-saving model is particularly suited for vehicle electrical equipment, electrical work-shops, compressed air repair processes and other similar applications.
- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.				max.		
		mm	mm	t	Nm	
43-1	-015458	60	50	1	25	
43-2	-015861	70	70	1	25	
43-3	-015946	80	80	1	25	

Universal 3-jaw puller with self-centering jaws**ST**

Moving special press cap enables sloping workpieces up to 35° to be clamped.

43

**Description**

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller.
- Thin pulling hooks.
- Automatic self-centering pulling hooks.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.

Advantage

- This handy, space-saving model is particularly suited for vehicle electrical equipment, electrical work-shops, compressed air repair processes and other similar applications.
- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.				max.		
		mm	mm	t	Nm	
43-11	-015526	60	50	1,5	25	
43-12	-015601	70	70	1,5	25	
43-13	-015786	80	80	1,5	25	



Universal 2-jaw puller with self-centering jaws

ST

For removing bearings, gears, discs, etc.

44








Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller series 45 for optimal force distribution.
- Standard pulling hook.
- Automatic self-centering pulling hooks.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.

Advantage

- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
44-1	-016028	100	100	13	3	50	
44-2	-016103	120	120	17	5	85	
44-3	-016288	160	160	19	6	140	
44-4	-016363	250	200	24	7	190	
44-5	-815133	300	250	24	9,5	200	
44-6	-815218	375	275	24	9,5	200	

Universal 3-jaw puller with self-centering jaws

ST

For removing bearings, gears, discs, etc.

45







Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 44.
- Standard pulling hook.
- Automatic self-centering pulling hooks.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Mechanical pressure screw.

Advantage

- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.





Art.-No.		 mm	 mm	max. t	 max. Nm	
45-1	-016448	100	100	4	50	
45-2	-016516	120	120	6	120	
45-3	-016691	160	160	8	180	
45-4	-016776	250	200	9,5	200	
45-5	-815393	300	250	9,5	200	
45-6	-815478	375	275	9,5	200	
45-7	-821646	600	350	9,5	200	

Self centering universal jaw puller with slide hammer

ST

243



Art.-No.		 mm	 mm	 mm	
243-12	-924170	70	70	225	



Puller with cone-driven spread adjuster

2-jaw puller with cone-driven spread adjuster

ST

For removing bearings, gears, discs, etc.

220






Description

- Standard pulling hook.
- Automatic self-centering pulling hooks.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- Quick adjustment of the spread by a knurled cone.
- Turning the pulling hooks enables them to be used both internally and externally.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	
220-02	-778919	200	165	

3-jaw puller with cone-driven spread adjuster

ST

For removing bearings, gears, discs, etc.

220-03






Description

- Standard pulling hook.
- Automatic self-centering pulling hooks.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- Quick adjustment of the spread by a knurled cone.
- Turning the pulling hooks enables them to be used both internally and externally.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	
220-03	-779091	200	165	

Universal puller with slide hammer

ST

For removing bearings, gears, discs, etc.

220







Description

- Automatic self-centering pulling hooks.

Advantage

- Quick adjustment of the spread by a knurled cone.
- Turning the pulling hooks enables them to be used both internally and externally.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm		
220	-030611	0 - 200	165	220-02, 220-03	
220-K	-874055	0 - 200	165	220-02, 220-03	



Pullers with reversible jaws

2-arm pullers with reversible double-end jaws

ST

For removing bearings, gears, discs, etc.

201



201-0
201-1
201-3
201-4








201-2

Description

- If there is adequate free space around the part, we recommend a 3-jaw puller series 202 for optimal force distribution.
- Rotating and reversible puller hooks.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- The pulling hooks are reversible and can be used on both sides with various different types of hooks.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.							max.		
		mm	mm	x	mm	mm	t	max.	
201-0	-026423	100	75	1	-	14	1,5	25	
201-1	-026591	150	85	1	-	17	5	75	
201-2	-026676	220	130	1	8	22	7	150	
201-3	-026751	300	260	2	-	27	10	250	
201-4	-026836	380	300	2	-	27	10	250	

3-arm pullers with reversible double-end jaws

ST

For removing bearings, gears, discs, etc.

202










Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 201 for optimal force distribution.
- Rotating and reversible puller hooks.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

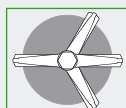
- The pulling hooks are reversible and can be used on both sides with various different types of hooks.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.							max.		
		mm	mm	x	mm	mm	t	max.	
202-0	-027093	100	75	1	-	14	1,5	25	
202-1	-027178	150	85	1	-	17	5	75	
202-2	-027253	220	130	1	8	22	7	150	
202-3	-027338	300	260	2	-	27	10	250	
202-4	-027413	380	300	2	-	27	10	250	

3-arm combination pullers with reversible double-end jaws**ST**

For removing bearings, gears, discs, etc.

203

**Description**

- Rotating and reversible puller hooks.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Combi-pullers can be used as a 3-jaw and 2-jaw puller.
- The pulling hooks are reversible and can be used on both sides with various different types of hooks.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic extra press series 9 for particularly tight parts, can be used from a particular puller size.

Art.-No.		mm	mm	x	mm	max. t	max. Nm	
203-0	-027666	120	75	1	14	1,5	25	
203-1	-027741	180	85	1	17	5	75	
203-2	-027826	280	130	1	22	7	150	
203-3	-027901	350	260	2	27	10	250	
203-4	-028083	400	300	2	27	10	250	

2-arm puller for fan wheels**ST**

The extra thin hooks move through the two slits and grip the fan's collar.

201-S

**Description**

- The pulling hooks are reversible and can be used on both sides with various different types of hooks.
- The multiple boreholes in the pulling hooks enable users to work with variable reach.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- Double-sided hooks.
- Universal application thanks to adjustable clamping depths and two types of hook.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		mm	mm	x	mm	max. t	max. Nm	
201-S	-026911	200	200	3	17	1,5	30	

3-arm puller for fan wheels**ST**

The extra thin hooks move through the three slits and grip the fan's collar.

202-S

**Description**

- The pulling hooks are reversible and can be used on both sides with various different types of hooks.
- The multiple boreholes in the pulling hooks enable users to work with variable reach.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Double-sided hooks.
- Universal application thanks to adjustable clamping depths and two types of hook.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		mm	mm	x	mm	max. t	max. Nm	
202-S	-027581	200	200	3	17	2	35	



Pullers with side clamp

2-arm bearing pullers „Cobra“ with separating claw and side clamp

ST

For removing tight ball bearings, bearing rings and workpieces.

204-0



204-0








204-02

Description

- Note: Pressure pads from series 600-17 are a good addition if the shaft is hollow and the spindle cannot be supported.
- Puller hooks are specially hardened and smoothed.
- Clamps increase the pressure of the hooks significantly.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- No cut-off grinding, chiselling or hammering required
- Safe, fast and efficient disassembly.
- Format W 85 mm x H 65 mm
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
204-0	-028168	50	70	-	1	10	
204-02	-339516	90	100	22	4	75	

Universal 2-arm pullers with side clamp

ST

For removing particularly tight ball bearings, bearing rings and workpieces.

204








Description

- Note: Pressure pads from series 600-17 are a good addition if the shaft is hollow and the spindle cannot be supported.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Clamps increase the pressure of the hooks significantly and prevent the puller from slipping.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm	
204-1	-028243	80	90	19	5	100	
204-2	-028328	100	100	22	6	120	
204-3	-028403	150	140	24	7,5	175	

2-arm puller „Cobra“ for inner races with side clamp**ST**





For safe and simple disassembly of the bearing inner race.

204-V**Description**

- Adapter fits on all common axial holes, e.g. on VAG and other models.
- Puller hooks are specially hardened and smoothed.
- Clamps increase the pressure of the hooks significantly.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- No cut-off grinding, chiselling or hammering required
- Safe, fast and efficient disassembly.
- Flat inner races are disassembled without any problems.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	 mm	für for	
204-V	-974533	90	100	22	an der vorderen Radnabe V10.1 (Volkswagen)	

2-arm separator pullers „Cobra“ with adjustable reach**ST**







For pulling bearings, gears, discs, etc. that are lying flat against one another.

210**Description**

- The pulling hooks are reversible and can be used on both sides with various different types of hooks. One side features normal pulling claws and the other, separating claws.
- The multiple boreholes in the pulling hooks enable users to work with variable reach.
- With integrated clamp.
- Two-arm design for space-saving operation.
- Note: If there is adequate free space around the part to be removed, we recommend a separator blade series 15 or series 17 for optimal force distribution.

Advantage

- Double-sided hooks.
- Universal application thanks to adjustable clamping depths and two types of hook.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm		 mm	max. t	 max. Nm	
210-1	-030383	95	170	4	22	5	100	
210-2	-030468	135	270	5	24	8	140	
210-3	-030536	150	325	5	24	10	200	



Small part puller

Small-part pullers, e.g. for speedometer cable pullers

ST

140








Description

- Extra narrow gripping jaws.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- This handy, space-saving model is particularly suited for speedometer cables, pressure gauges, clock model making and other similar applications.
- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	 mm	
140-1	-266720	2,25	10	10	0,9 / 1,3 / 1,8	
140-2	-266737	3,5	15	15	0,9 / 1,3 / 1,8 / 2,0	
140-3	-266751	5,25	18	18	0,9 / 1,3 / 1,8 / 2,0 / 3,0	

Small-part pullers set

ST

140-S












Description

- Extra narrow gripping jaws.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	 mm	 mm			Stück pieces		
140-S	-951138	2,25-5,25	10-18	10-18	0,9 / 1,3 / 1,8 / 2,0 / 3,0	1,8	0,3	PH00	140-1, 140-2, 140-3	11	L-Boxx MINI

Small-part puller

ST

Micro








Description

- Extra narrow gripping jaws.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- This handy, space-saving model is particularly suited for speedometer cables, pressure gauges, clock model making and other similar applications.
- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	 mm	
Micro	-974755	5	20	18	1	



Puller Economy

Universal 2-arm pullers „Vario“

For removing bearings, gears, discs, etc.

120







Description

- Standard pulling hook.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.
- Mechanical pressure screw.

Advantage

- The end stop protects the hook from slipping off the cross-beam.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	 mm	
120-1	-918551	100	100	17	
120-10	-918599	125	100	17	
120-2	-918636	150	150	17	
120-20	-918674	200	150	17	
120-3	-918711	250	200	24	
120-30	-918759	350	200	24	

Sales display „Economy“

120-ST





Description

- The sales and workshop stands enable 2-jaw pullers to be stored and presented safely.
- Standard pulling hook.
- Two-arm design for space-saving operation.
- Pulling hooks with infinite adjustment on the cross-beam.
- Parallel pulling hooks in every position, even with full load.

Advantage





- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.			Stück pieces	
120-ST	-961489	120-1, 120-10, 120-2, 120-20, 120-3, 20-STL	5	

Universal 3-arm pullers „Vario“

130



Art.-No.		 mm	 mm	 mm	
130-10	-918834	110	100	17	
130-2	-918872	150	150	17	
130-20	-918919	200	150	17	
130-3	-918957	250	200	24	



Universal 2-arm pullers „Techno“

For removing bearings, gears, discs, etc.

110







Description

- Standard pulling hook.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.
- Mechanical pressure screw.

Advantage

- The end stop protects the hook from slipping off the cross-beam.
- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	 mm	
110-01	-923753	50	50	10	
110-02	-923760	80	50	10	
110-1	-923777	100	100	17	
110-10	-923784	120	100	17	
110-2	-923791	160	150	19	
110-20	-923807	200	150	19	
110-3	-923814	250	200	22	
110-4	-956317	350	250	22	

Farm and workshop puller with jaws of varying lengths, in set

For removing bearings, gears, discs, etc.

200-U







Description

- Four pairs of jaws for different jobs.
- Two-arm design for space-saving operation.
- Pulling hooks with infinite adjustment on the cross-beam.
- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- Mechanical pressure screw.

Advantage

- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	
200-U	-025433	250	80 - 180	22	

Farm and workshop puller with jaws in varying lengths, in set with metal case

For removing bearings, gears, discs, etc.

200-UM









Description

- Four pairs of jaws for different jobs.
- Two-arm design for space-saving operation.
- Pulling hooks with infinite adjustment on the cross-beam.
- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller.
- Mechanical pressure screw.

Advantage

- Spindle head band prevents the wrench from slipping off.
- Turning the pulling hooks enables them to be used both internally and externally.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm			
200-UM	-025501	250	80 - 180	22	200-U	Metall	

KUKKO i-BOXX® AND L-BOXX® SYSTEM



- ▶ **Save keeping of the tools in special foam**
- ▶ **Instructions in the cover always remain visible with:**
 - **Statement of contents**
 - **Usage diagrams**
 - **Safety notes**
- ▶ **If you register online, the manufacturer's guarantee increased to 5 years.**
- ▶ **Special grease for pressure screws included**
- ▶ **Easy to grasp at a glance**
- ▶ **Connectable with the systems of other well known manufacturers**



ONE SYSTEM. A LOT OF POSSIBILITIES.

With the **KUKKO-i** and **L-BOXX-System** you get all opportunities. You can equip it with insert-boxes, deep drawing parts, foam inlets and different applications for the lid. Your tools, small parts or spare parts will be kept and transported safely and well arranged. The **KUKKO-i** and **L-BOXX-System** is the perfect mobile solution and can be integrated easily into most vehicles.



SECURE

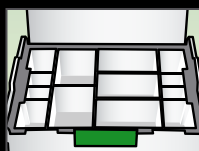


MOBILE

The new front handle for easy carrying the proven L-Boxx.



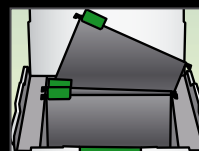
TOOLS



INSERT-BOXES



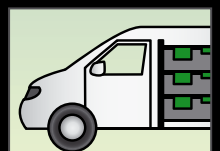
LOCKABLE



OFFICE



MAX. LOAD 100 KG



**CAR HOLDER +
CRASHSAFE**



Mechanische Druckspindeln

Mechanical pressure spindle



Beschreibung

- KUKKO Druckspindeln mit gewalztem Gewinde sind speziell für die Verwendung in KUKKO-Abziehern entwickelt, um besonders hohe Abzugkräfte zu erreichen.
- Die Druckspindeln sind spezialbeschichtet und garantieren so eine besonders gute Gleiteigenschaft im Gewindegang.
- Die gelagerte, freidrehende Zentrierspitze schützt die Welle vor Beschädigungen beim Aufbringen der Abziehkraft.

Vorteil

- Der Spindelkopf und der Spindelbund sind mit der Artikel-Nummer gelasert.
- Die Spindelköpfe sind mit einem Bund versehen, der verhindert, dass der Schraubenschlüssel beim Abziehvorgang abrutscht.

Description

- KUKKO pressure spindles with milled thread have been specifically engineered for use in KUKKO pullers, in order to achieve particularly high tensile forces.
- The pressure spindles are specially coated and therefore guarantee particularly good sliding properties in the thread.
- The mounted, freely-rotating centering point protects the shaft against damage when applying the pulling force.

Advantage

- The spindle head and the spindle band are lasered with the item number.
- The spindle heads have a band which prevents the wrench from slipping during the pulling process.

Das richtige Ermitteln einer Ersatzspindel, wenn keine Artikelnummer vorhanden ist.

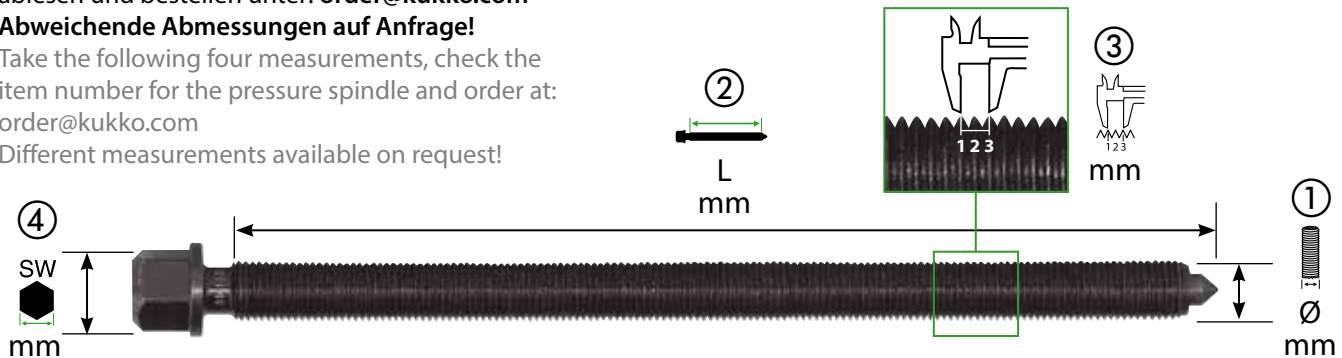
The correct determination of a replacement spindle if no item number is available.

Die folgenden 4 Maße abnehmen und in der nebenstehenden Tabelle die Artikelnummer der Druckspindel ablesen und bestellen unter: order@kukko.com

Abweichende Abmessungen auf Anfrage!

Take the following four measurements, check the item number for the pressure spindle and order at: order@kukko.com

Different measurements available on request!



① Messen Sie den Spindeldurchmesser.
Measure the spindle diameter.



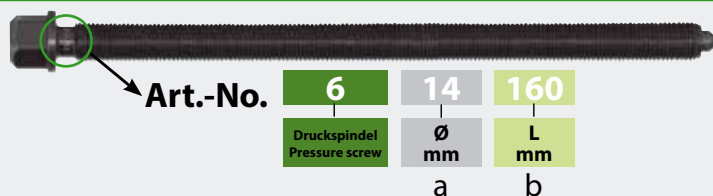
② Messen Sie die Gewindelänge bis zur Spindelspitze.
Measure the thread length to the tip of the spindle.



③ Messen Sie die Länge über 3 Gewindegänge.
Measure the length over three turns of the thread.



④ Messen Sie den Sechskant des Spindelkopfes.
Measure the hexagon of the spindle head.



Art.-No.		passend zu/ suitable for	Gewinde/ thread	a mm	b mm	c mm	d mm						Preis-/ Price- Gr.
608080	-176241	48, 482-1	M 8x1,25	8	80	3,75	-	-	X	-	X	-	PG 1
608130	-481086	482-2, 483-2	M 8x1,25	8	130	3,75	-	-	X	-	X	-	PG 1
609087	-102493	41-1, 42-1, 43-1, 43-11, 43-12, 43-2	M 9x1,25	9	87	3,75	-	-	X	-	X	-	PG 1
609105	-101403	41-2, 42-2, 43-3, 43-13	M 9x1,25	9	105	3,75	-	-	X	-	X	-	PG 1
610070	-362446	41-0, 42-0	M 10x1,5	10	75	4,50	13	X	-	-	X	-	PG 1
610094	-122118	204-0	M 10x1,5	10	94	4,50	-	-	X	-	-	X	PG 1
610110	-433726	208-0, 209-0, 112-1, 112-10	M 10x1,5	10	120	4,50	8	X	-	-	-	X	PG 1
612080	-238468	201-0, 202-0, 203-0	M 12x1,5	12	85	4,50	14	X	-	X	-	-	PG 2
612110	-112881	205-00, 206-00, 207-00	M 12x1,5	12	110	4,50	13	X	-	X	-	-	PG 2
612130	-077081	18-0, 44-1, 45-1, 14-01, 14-1	M 12x1,5	12	130	4,50	13	X	-	X	-	-	PG 2
612150	-790201	41-3, 42-3	M 12x1,5	12	150	4,50	13	X	-	X	-	-	PG 2
612200	-480744	482-3, 483-3	M 12x1,75	12	210	5,25	10	X	-	-	-	X	PG 2
614135	-074271	12-1, 30-1, 30-1+, 30-10, 30-10+, 30-1-S, 30-10-S, 30-1+S, 30-10+S, 30-1-S-T, 30-10-S-T, 30-1+S-T, 30-10+S-T, 30-10SP, 32-1, 33, 34-0, 34-1, 110-1, 110-10, 112-2, 120-1, 120-10, 130-10, 201-1, 202-1, 203-1,	M 14x1,5	14	135	4,50	17	X	-	X	-	-	PG 2
614160	-112966	14-2, 20-1, 20-10, 20-1-S, 20-10-S, 20-1+S, 20-10+S, 20-1+, 20-10+, 20-1+S-T, 20-10+S-T, 20-1-2, 20-10-2, 20-1-S-T, 20-10-S-T, 20-10-SP, 20-10-P3, 20-10-V, 44-2, 45-2, 112-20, 113-20, 120-2, 130-2, 205-01, 206-01, 207-01, 208-01, 209-01,	M 14x1,5	14	160	4,50	17	X	-	X	-	-	PG 2
614200	-838576	14-3, 14-03 41-4, 42-4	M 14x1,5	14	200	4,50	17	X	-	X	-	-	PG 2
614240	-208188	70-2, 201-S, 202-S	M 14x1,5	14	240	4,50	17	X	-	X	-	-	PG 2
614250	-306709	K-2030-10, K-2030-10+S, K-2030-10+S+T	M 14x1,5	14	250	4,50	17	X	-	X	-	-	PG 2
616220	-420856	112-3, 113-3	M 16x1,5	16	220	4,50	17	X	-	X	-	-	PG 2
616270	-480829	482-4, 483-4	M 16x2,0	16	270	6,00	13	X	-	-	-	X	PG 2
616325	-480904	482-5, 483-5	M 16x2,0	16	325	6,00	13	X	-	-	-	X	PG 2
618105	-073779	204-1	M 18x1,5	18	105	4,50	19	X	-	X	-	-	PG 2
618175	-074356	12-2, 18-1, 32-2, 110-2, 110-20	M 18x1,5	18	175	4,50	19	X	-	X	-	-	PG 2
618210	-113048	44-3, 45-3	M 18x1,5	18	210	4,50	19	X	-	X	-	-	PG 2
620162	-816040	28-1	M 20x2,5*	20	160	7,50	24	X	X	-	-	X	PG 4
620172	-817946	28-2	M 20x2,5*	20	170	7,50	24	X	X	-	-	X	PG 5
620230	-818028	28-3	M 20x2,5*	20	230	7,50	24	X	X	-	-	X	PG 5
620250	-818103	28-4	M 20x2,5*	20	250	7,50	24	X	X	-	-	X	PG 5
621130	-124358	204-2, 204-02	G 1/2" / 14"	20,955	130	5,40	22	X	-	X	-	-	PG 3
621220	-268373	18-2, 20-2, 20-20, 20-2+, 20-2+S, 20-20+S, 20-20+, 20-2-S, 20-20-S, 20-2-3, 20-20-3, 20-20SP, 20-20-P2, 30-2, 30-20, 30-2+, 30-20+, 30-2+S, 30-20+S, 30-2-S, 30-20-S, 30-2-3, 30-20-3, 30-20SP, 30-20-P2, 31-1, 31-2, 200-U, 201-2, 202-2, 203-2, 205-02, 206-02, 207-02, 208-02, 209-02, 210-1	G 1/2" / 14"	20,955	210	5,40	22	X	-	X	-	-	PG 3
621300	-765346	41-5, 42-5, 110-3, 110-4	G 1/2" / 14"	20,955	300	5,40	22	X	-	X	-	-	PG 4
621355	-236228	70-4, 112-4, 113-4	G 1/2" / 14"	20,955	355	5,40	24	X	-	X	-	-	PG 4
623230	-074684	12-3, 120-3, 120-30, 130-3	G 5/8" / 14"	22,911	230	5,40	24	X	-	X	-	-	PG 5
623260	-113123	44-4, 45-4	G 5/8" / 14"	22,911	260	5,40	24	X	-	X	-	-	PG 5
623325	-125263	44-5, 45-5, 113-5, 210-2, 210-3	G 5/8" / 14"	22,911	325	5,40	24	X	-	X	-	-	PG 5
623360	-814976	44-6, 45-6	G 5/8" / 14"	22,911	400	5,40	24	X	-	X	-	-	PG 8
623450	-832796	45-7	G 5/8" / 14"	22,911	450	5,40	24	X	-	X	-	-	PG 7
626300	-765360	18-3, 20-3, 20-30, 20-3+, 20-30+, 20-3-S, 20-30-S, 20-3+S, 20-30+S, 20-3-3, 20-30-3, 20-3-4, 20-30-4, 20-3-5, 20-30-5, 20-30SP, 30-3, 30-30, 30-3+, 30-30+, 30-3-S, 30-3+S, 30-3-3, 30-30-3, 30-3-4, 30-30-4, 30-3-5, 30-30-5, 30-30-P3, 30-3SP, 201-3, 201-4, 202-3, 202-4, 203-3, 203-4, 205-1, 206-1, 207-1	G 3/4" / 14"	26,441	300	5,40	27	X	-	X	-	-	PG 5
626400	-125423	12-4, 205-2, 205-3, 206-2, 206-3, 207-2, 207-3	G 3/4" / 14"	26,441	400	5,40	27	X	-	X	-	-	PG 5
626500	-765377	12-5	G 3/4" / 14"	26,441	500	5,40	27	X	-	X	-	-	PG 7
633400	-765384	11-0, 18-4, 20-4, 46-1, 47-1	G 1" / 14"	33,249	400	6,90	36	X	-	X	-	-	PG 7
633500	-893452	20-AV, 46-2-A, 47-2-A	G 1" / 14"	33,249	500	6,90	36	X	-	X	-	-	PG 7
633600	-866388	12-6, 12-7	G 1" / 14"	33,249	600	6,90	36	X	-	X	-	-	PG 8
637350	-893469	11-1, 11-2, 30-40, 30-5	G 1 1/8" / 14"	37,897	350	6,90	41	X	-	X	-	-	PG 8
637500	-893469	15-E	G 1 1/8" / 14"	37,897	500	6,90	41	X	-	X	-	-	PG 9
637600	-169236	18-5, 20-5, 205-4, 207-4	G 1 1/8" / 14"	37,897	600	6,90	41	X	-	X	-	-	PG 9

* Regelgewinde / coarse pitch thread



Accessories External pulling

Long hydraulic spindles

ST

For pulling particularly tight bearings, gears, discs, etc.

8-0








Description

- Lubricating hydraulics.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Easy and even pulling for particularly tight parts.
- Can be combined with various mechanical pulling devices from the KUKKO range.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm		max. t	 max.	Bezeichnung description		
8-01	-887871	10	G 1/2"	10	11	Spindel komplett	18-2, 20-2, 20-20, 30-2, 30-20, 41-5, 42-5, 205-02, 206-02, 207-02	
8-02	-887901	12	G 3/4"	12	13	Spindel komplett	18-3, 20-3, 20-30, 30-3, 205-1, 205-2, 205-3, 206-1, 206-2, 206-3, 207-1, 207-3, 207-2	
8-01ERS	-989452	Verschleißteilsatz					8-01	
8-01-176	-811760	Kopfschrauben mit Spindel u. Schraube					8-01	
8-02ERS	-887918	Verschleißteilsatz					8-02	
8-02-176	-821769	Kopfschrauben mit Spindel u. Schraube					8-02	

Auxiliary hydraulic ram

ST

To increase the pressure for mechanical pulling devices for particularly tight bearings, gears, discs, etc.

9









INFO: For use with mechanical KUKKO-pullers from size 3.

Description

- Lubricating hydraulics.
- Centering hole for ideal spindle guidance.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Can be combined with various mechanical pulling devices from the KUKKO range.
- Saves time as spindle does not need to be replaced.
- Specification for maximum torques.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	 mm	max. t	 max. Nm		
9-1	-005053	37	60	10	10	35	9-1-ERS	
9-2	-005138	50	87	15	15	50	9-2-ERS	
9-3	-924408	80	113	7	30	35	-	
9-1-ERS	-243981	Verschleißteilsatz					9-1	
9-2-ERS	-244063	Verschleißteilsatz					9-2	

Short hydraulic spindles

ST

For pulling particularly tight bearings, gears, discs, etc.

800



Description

- Series is built on a modular system.
- Pullers have the same hydraulic spindle.
- Easy-to-replace individual components that can be combined in a number of different ways.
- Lubricating hydraulics.
- Hydraulic spindle.

Advantage

- Available as complete hydraulic pullers, individual parts and sets.
- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle extensions enable the unit to be adjusted quickly to a range of different requirements.
- Spindle head band prevents the wrench from slipping off.

Art.-No.					max. t	max. Nm	
	4021176		mm	mm			
800	-034343	W 1.1/2"-16 (55°;16Gang)	10	13	10	40	
801	-784446	W 1.1/2"-16 (55°;16Gang)	10	19	15	70	
802	-784514	M40x1,5	10	19	20	100	
804	-456787	W 1.1/2"-16 (55°;16Gang)	10	19	15	-	
800-ERS	-244483	Verschleißteilsatz					
801-ERS	-788086	Verschleißteilsatz					
802-ERS	-788246	Verschleißteilsatz					
800017	-165351	Druckstück					

Spindle extension

ST



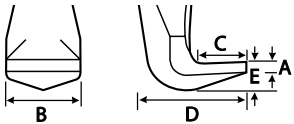

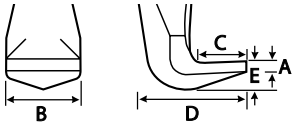

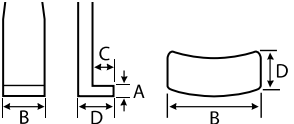

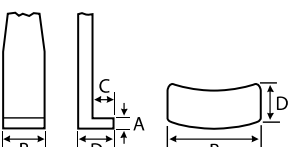

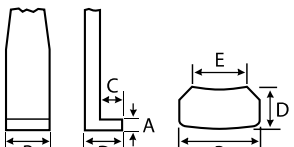

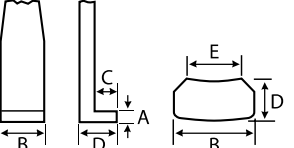
800



Art.-No.			
	4021176	mm	
800-050	-031113	50	
800-100	-031298	100	
800-150	-031373	150	



Pulling jaws for 2-jaw pullers, series 20

Dimensions of the puller jaws	A mm	B mm	C mm	D mm	E mm	 mm
 	3,0	20	15	31	10	100
	4,0	24	18	40	9	150
	4,0	35	37	67	20	200
 	3,0	20	15	31	10	200
	3,0	20	15	31	10	250
	4,0	24	18	40	9	300
	4,0	35	37	67	20	300
	4,0	35	37	67	20	400
	4,0	35	37	67	20	500
 	2,6	30	7	14	-	100
	4,0	32	8	19	-	150
	6,5	35	17	52	-	200
 	2,6	30	7	14	-	200
	2,6	30	7	14	-	250
	4,0	32	8	19	-	300
	6,5	35	17	40	-	300
	6,5	35	17	40	-	400
	6,5	35	17	40	-	500
 	3,0	24	7	12	15	100
 	3,0	24	7	12	15	200
	3,0	24	7	12	15	250



		Art.- No.	Quick adjust TECHNOLOGY	Art.- No.	suitable for KUKKO-pullers:	 mm
		1-90-P		1-92-P	20-1; 20-10	90-120
		2-150-P		2-152-P	20-2; 20-20	160-200
		3-200-P		3-202-P	20-3; 20-30; 20-4; 20-40	250-650
		1-190-P		1-192-P	20-1; 20-10	90-120
		1-250-P		1-252-P	20-1; 20-10	90-120
		2-300-P		2-302-P	20-2; 20-20	160-200
		3-300-P		3-302-P	20-3; 20-30; 20-4; 20-40	250-650
		3-400-P		3-402-P	20-3; 20-30; 20-4; 20-40	250-650
		3-500-P		3-502-P	20-3; 20-30; 20-4; 20-40	250-650
		1-91-P		1-93-P	20-1; 20-10	90-120
		2-151-P		2-153-P	20-2; 20-20	160-200
		3-201-P		3-203-P	20-3; 20-30	250-350
		1-191-P		1-193-P	20-1; 20-10	90-120
		1-251-P		1-253-P	20-1; 20-10	90-120
		2-301-P		2-303-P	20-2; 20-20	160-200
		3-301-P		3-303-P	20-3; 20-30	250-350
		3-401-P		3-403-P	20-3; 20-30	250-350
		3-501-P		3-503-P	20-3; 20-30	250-350
		1-94-P		1-95-P	20-1; 20-10	90-120
		1-194-P		1-195-P	20-1; 20-10	90-120
		1-254-P		1-255-P	20-1; 20-10	90-120

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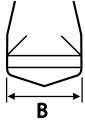
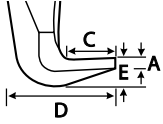

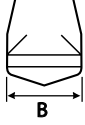
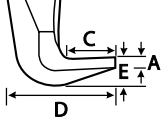

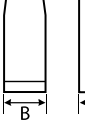
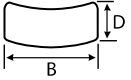

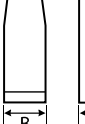
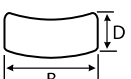

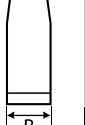
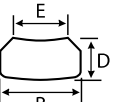

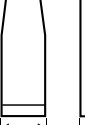
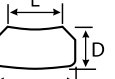
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Pulling jaws for 3-jaw pullers, series 30

Dimensions of the puller jaws	A mm	B mm	C mm	D mm	E mm	 mm
  	3,0	20	15	31	10	100
	4,0	24	18	40	9	150
	4,0	35	37	67	20	200
  	3,0	20	15	31	10	200
	3,0	20	15	31	10	250
	4,0	24	18	40	9	300
	4,0	35	37	67	20	300
	4,0	35	37	67	20	400
	4,0	35	37	67	20	500
  	2,6	30	7	14	-	100
	4,0	32	8	19	-	150
	6,5	35	17	52	-	200
  	2,6	30	7	14	-	200
	2,6	30	7	14	-	250
	4,0	32	8	19	-	300
	6,5	35	17	40	-	300
	6,5	35	17	40	-	400
	6,5	35	17	40	-	500
  	3,0	24	7	12	15,0	100
  	3,0	24	7	12	15,0	200
	3,0	24	7	12	15,0	250



		Art.- No.	Quick adjust TECHNOLOGY	Art.- No.	suitable for KUKKO-pullers:	 mm
		1-90-S		1-92-S	30-1; 30-10	90-120
		2-150-S		2-152-S	30-2; 30-20	160-200
		3-200-S		3-202-S	30-3; 30-30; 30-4; 30-40	250-650
		1-190-S		1-192-S	30-1; 30-10	90-120
		1-250-S		1-252-S	30-1; 30-10	90-120
		2-300-S		2-302-S	30-2; 30-20	160-200
		3-300-S		3-302-S	30-3; 30-30; 30-4; 30-40	250-650
		3-400-S		3-402-S	30-3; 30-30; 30-4; 30-40	250-650
		3-500-S		3-502-S	30-3; 30-30; 30-4; 30-40	250-650
		1-91-S		1-93-S	30-1; 30-10	90-120
		2-151-S		2-153-S	30-2; 30-20	160-200
		3-201-S		3-203-S	30-3; 30-30	250-350
		1-191-S		1-193-S	30-1; 30-10	90-120
		1-251-S		1-253-S	30-1; 30-10	90-120
		2-301-S		2-303-S	30-2; 30-20	160-200
		3-301-S		3-303-S	30-3; 30-30	250-350
		3-401-S		3-403-S	30-3; 30-30	250-350
		3-501-S		3-503-S	30-3; 30-30	250-350
		1-94-S		1-95-S	30-1; 30-10	90-120
		1-194-S		1-195-S	30-1; 30-10	90-120
		1-254-S		1-255-S	30-1; 30-10	90-120

01

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2 pulling jaws (pair)

For removing bearings, gears, discs, etc.

0-P



1-90-P
2-150-P
3-200-P




1-190-P
1-250-P
1-400-P
2-300-P
3-300-P
3-400-P
3-500-P

Description

- Standard pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 2.

Advantage

- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-90-P	-001338	100	20-1, 20-10	
1-190-P	-001666	200	20-1, 20-10	
1-250-P	-001901	250	20-1, 20-10	
2-150-P	-002403	150	20-2, 20-20	
2-300-P	-002731	300	20-2, 20-20	
3-200-P	-003233	200	20-3, 20-30, 20-4, 20-40	
3-300-P	-003561	300	20-3, 20-30, 20-4, 20-40	
3-400-P	-003806	400	20-3, 20-30, 20-4, 20-40	
3-500-P	-004148	500	20-3, 20-30, 20-4, 20-40	

3 pulling jaws (set)

For removing bearings, gears, discs, etc.

0-S



1-90-S
2-150-S
3-200-S




1-190-S
1-250-S
1-400-S
2-300-S
3-300-S
3-400-S
3-500-S

Description

- Standard pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 3.

Advantage

- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-90-S	-001413	100	30-1, 30-10	
2-150-S	-002571	150	30-2, 30-20	
3-200-S	-003318	200	30-3, 30-30, 30-4, 30-40	
1-190-S	-001741	200	30-1, 30-10	
1-250-S	-002083	250	30-1, 30-10	
1-400-S	-975684	400	30-1, 30-10	
2-300-S	-002816	300	30-2, 30-20	
3-300-S	-003646	300	30-3, 30-30, 30-4, 30-40	
3-400-S	-003981	400	30-3, 30-30, 30-4, 30-40	
3-500-S	-004223	500	30-3, 30-30, 30-4, 30-40	

2 narrow jaws (pair)**ST**

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

1-P

1-91-P
2-151-P
3-201-P




1-191-P
1-251-P
1-401-P
2-301-P
3-301-P
3-401-P
3-501-P

Description

- Thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 2.

Advantage

- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-91-P	-434716	100	20-1-S, 20-10-S	
1-191-P	-461286	200	20-1-S, 20-10-S	
1-251-P	-461446	250	20-1-S, 20-10-S	
1-401-P	-985010	400	20-1-S, 20-10-S	
2-151-P	-702921	150	20-2-S, 20-20-S	
2-301-P	-703188	300	20-2-S, 20-20-S	
3-201-P	-726521	200	20-3-S, 20-30-S, 20-4, 20-40	
3-301-P	-726781	300	20-3-S, 20-30-S, 20-4, 20-40	
3-401-P	-726941	400	20-3-S, 20-30-S, 20-4, 20-40	
3-501-P	-727108	500	20-3-S, 20-30-S, 20-4, 20-40	

3 narrow jaws (set)**ST**

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

1-S

1-91-S
2-151-S
3-201-S




1-191-S
1-251-S
1-401-S
2-301-S
3-301-S
3-401-S
3-501-S

Description

- Thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 3.

Advantage

- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-91-S	-497834	100	30-1-S, 30-10-S	
1-191-S	-497919	200	30-1-S, 30-10-S	
1-251-S	-498091	250	30-1-S, 30-10-S	
1-401-S	-985034	400	30-1-S, 30-10-S	
2-151-S	-728686	150	30-2-S, 30-20-S	
2-301-S	-728761	300	30-2-S, 30-20-S	
3-201-S	-728846	200	30-3-S	
3-301-S	-728921	300	30-3-S	
3-401-S	-729003	400	30-3-S	
3-501-S	-729188	500	30-3-S	



2 quick adjusting jaws (pair)

For removing bearings, gears, discs, etc.

2-P



1-92-P
2-152-P
3-202-P




1-192-P
1-252-P
2-302-P
3-302-P
3-402-P
3-502-P

Description

- Standard pulling hooks in various lengths with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 2.

Advantage

- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-92-P	-732393	100	20-1+, 20-10+	
1-192-P	-973611	200	20-1+, 20-10+	
1-252-P	-973673	250	20-1+, 20-10+	
2-152-P	-973765	150	20-2+, 20-20+	
2-302-P	-973819	300	20-2+, 20-20+	
3-202-P	-732706	200	20-3+, 20-30+	
3-302-P	-973932	300	20-3+, 20-30+	
3-402-P	-974014	400	20-3+, 20-30+	
3-502-P	-974137	500	20-3+, 20-30+	

3 quick adjusting jaws (set)

For removing bearings, gears, discs, etc.

2-S



1-92-S
2-152-S
3-202-S




1-192-S
1-252-S
2-302-S
3-302-S
3-402-S
3-502-S

Description

- Standard pulling hooks in various lengths with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 3.

Advantage

- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-92-S	-973741	100	30-1+, 30-10+	
1-192-S	-973635	200	30-1+, 30-10+	
1-252-S	-973697	250	30-1+, 30-10+	
2-152-S	-973772	150	30-2+, 30-20+	
2-302-S	-973833	300	30-2+, 30-20+	
3-202-S	-973895	200	30-3+, 30-30+	
3-302-S	-973956	300	30-3+, 30-30+	
3-402-S	-974038	400	30-3+, 30-30+	
3-502-S	-974151	500	20-3+, 20-30+	

2 narrow, quick adjusting jaws (pair)**ST**

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

3-P

1-93-P
2-153-P
3-203-P




1-193-P
1-253-P
2-303-P
3-303-P
3-403-P
3-503-P

Description

- Thin pulling hooks with Quickadjust in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 2.

Advantage

- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-93-P	-973352	100	20-1+S, 20-10+S	
1-193-P	-973642	200	20-1+S, 20-10+S	
1-253-P	-973710	250	20-1+S, 20-10+S	
2-153-P	-973789	150	20-2+S, 20-20+S	
2-303-P	-973857	300	20-2+S, 20-20+S	
3-203-P	-973901	200	20-3+S, 20-30+S	
3-303-P	-973970	300	20-3+S, 20-30+S	
3-403-P	-974052	400	20-3+S, 20-30+S	
3-503-P	-974175	500	20-3+S, 20-30+S	

3 narrow, quick adjusting jaws (set)**ST**

For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

3-S

1-93-S
2-153-S
3-203-S




1-193-S
1-253-S
2-303-S
3-303-S
3-403-S
3-503-S

Description

- Thin pulling hooks in various lengths with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 3.

Advantage

- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-93-S	-973758	100	30-1+S, 30-10+S	
1-193-S	-973659	200	30-1+, 30-10+	
1-253-S	-973734	250	30-1+, 30-10+	
2-153-S	-973796	150	30-2+S, 30-20+S	
2-303-S	-973871	300	30-2+S, 30-20+S	
3-203-S	-973918	200	30-3+S	
3-303-S	-973994	300	30-3+S	
3-403-S	-974076	400	30-3+S	
3-503-S	-974199	500	30-3+S	



2 extremely narrow jaws (pair)

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

4-P






1-94-P
1-194-P
1-254-P

Description

- Extra-thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 2.

Advantage

- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-94-P	-852039	100	20-1-S-T, 20-10-S-T	
1-194-P	-321399	200	20-1-S-T, 20-10-S-T	
1-254-P	-321498	250	20-1-S-T, 20-10-S-T	

3 extremely narrow jaws (set)

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

4-S






1-94-S
1-194-S
1-254-S

Description

- Extra-thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 3.

Advantage

- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-94-S	-321580	100	30-1, 30-10	
1-194-S	-321412	200	30-1, 30-10	
1-254-S	-484520	250	30-1, 30-10	

2 extremely narrow, quick adjusting jaws (pair)

ST

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

5-P






1-95-P
1-195-P
1-255-P

Description

- Extra-thin pulling hooks with Quickadjust in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 2.

Advantage

- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-95-P	-321610	100	20-1+S-T, 20-10+S-T	
1-195-P	-321443	200	20-1+S-T, 20-10+S-T	
1-255-P	-321542	250	20-1+S-T, 20-10+S-T	

**3 extremely narrow, quick adjusting jaws (set)****ST**

For removing gears, bearings, sprockets, synchronizer bodies, etc., in tight or difficult-to-access spaces.

5-S




1-95-S
1-195-S
1-255-S

Description

- Extra-thin pulling hooks in various lengths with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in set of 3.

Advantage

- Adjustable clamping depth thanks to jaw extensions, available up to a puller size of -30.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-95-S	-321634	100	30-1+S-T, 30-10+S-T	
1-195-S	-321467	200	30-1+S-T, 30-10+S-T	
1-255-S	-321566	250	30-1+S-T, 30-10+S-T	

2 jaw extensions (pair)**ST**

For removing bearings, gears, discs, etc.

V-P




1-V-100-P
1-V-150-P
2-V-150-P

Description

- Jaw extensions in various lengths.
- Jaw extensions only available in set of 2.
- Strong design, high performance and long service life.

Advantage

- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-V-100-P	-985058	100	20-1, 20-10	
1-V-150-P	-985089	150	20-1, 20-10	
2-V-150-P	-985201	150	20-2, 20-20	

3 jaw extensions (set)**ST**

For removing bearings, gears, discs, etc.

V-S




1-V-100-S
1-V-150-S
2-V-150-S

Description

- Jaw extensions in various lengths.
- Jaw extensions only available in set of 3.
- Strong design, high performance and long service life.

Advantage

- Stability support from optional side clamp series 219
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm		
1-V-100-S	-985065	100	30-1, 30-10	
1-V-150-S	-985096	150	30-1, 30-10	
2-V-150-S	-985218	150	30-2, 30-20	



Pressure pad bricks


ST

600-17



Description

- Safety label to ensure protection of intellectual property.
- Self-healing corrosion protection KUKKcoating for galvanized parts.

Art.-No.		Ø	
		mm	
600-17	-914188	20; 32; 41	

Clamp for 2-arm pullers





ST

219



Description

- Safety label to ensure protection of intellectual property.
- Self-healing corrosion protection KUKKcoating for galvanized parts.

Art.-No.					
		mm	mm		
219-1	-777777	40 - 190	8	20-1, 20-10	

Tool holder with ratchet

For reworking and cleaning damaged internal and external threads.

ST

97






Description

- Each file has different pitches.

Advantage

- The application is simple and easy.

Art.-No.				für for	
		mm	inch		
97-1	-490231	0,8 - 1-1,25 - 1,5 - 1,75 2 - 2,5 - 3		DIN-ISO	
97-2	-490316	-	10 - 11 - 12 - 14 - 16 18 - 20 - 24	Whitworth + BSF	
97-3	-490491	-	11-12 - 14 - 16 - 18 20 - 24	SAE / UNF	
97-4	-720253	-	11 - 14 - 19 - 28	Whitworth / Rohrgewinde	

Protective tarps for extraction jobs

ST

UFP







Description

- For disassembly and extraction jobs, the application of greater force is often necessary. It can happen that whole parts abruptly detach themselves, that parts break, disassemble themselves and debris starts flying around uncontrollably. To prevent these potential risks of an accident, KUKKO accident protection tarps can be used to safely enclose workpieces and tools before any force is applied.
- Highly elastic, tear-resistant and oil-resistant material.
- Protective blankets are delivered for careful storage in the Sortimo case.

Advantage

- The transparent film enables close observation, control and monitoring of all removal processes safely while working.

Art.-No.					
		mm	mm		
UFP-1	-445118	1100	500	L-Boxx	
UFP-2	-445293	1500	670	L-Boxx	
UFP-3	-445378	4000	1300	L-Boxx	

The world first from Hilden!

Europäer



Diamond mouth

Millimeter and inch scale

Plastic jaw



Art.- No.	Länge / length	Spannweite / width
	mm	mm
1900-30	150	30
1900-50	175	50
1900-75	250	75



A world **in motion**
since 1919!



KUKKO
Kleinbongartz & Kaiser oHG





Internal Extracting

Innen-Ausziehen

02

Internal extractor.....**58-59**
Innenauszieher

Slide hammers and sets.....**59-61**
Gleithämmer und Sätze

Counterstays and sets.....**62-69**
Gegenstützen und Sätze

Dovel-pins.....**66-69**
Passstifte

01

02

03

04

05

06

07

08

09

10





Internal extractors

For extracting inner bearings, bearing outer rings and bushings.

21



21-0
21-00
21-01
21-02



21-1
21-2
21-3
21-4
21-5
21-6



21-7
21-8
21-9









21-89
21-90

Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.
- Kukko internal extractors can be combined with counter supports and slide hammers.
- When combined with the internal extractors, extensions from series 21-V enable deeper bearings to be extracted.

Art.-No.		 mm	 mm	 mm	 Segment		
21-0	-010408	5 - 8	14	73	2	22-1, 22-0	
21-00	-010576	6 - 10	14	73	2	22-1, 22-0	
21-01	-010651	8 - 12	14	73	2	22-1, 22-0	
21-02	-010736	10 - 14	14	73	2	22-1, 22-0	
21-1	-010811	12 - 16	25	72	2	22-1, 22-0	
21-2	-010996	14 - 19	27	72	2	22-1, 22-0	
21-3	-011153	18 - 23	35	89	2	22-1, 22-2, 22-0-1, 22-0	
21-4	-011238	20 - 30	40	92	2	22-1, 22-2, 22-0-1, 22-0	
21-5	-011498	28 - 40	23	101	2	22-1, 22-2, 22-0-1, 22-0	
21-6	-011566	35 - 46	50	113	2	22-2, 22-3, 22-0-1	
21-7	-011641	45 - 58	85	135	2	22-2, 22-3, 22-0-1	
21-8	-011726	56 - 70	85	133	2	22-2, 22-3, 22-0-1	
21-9	-011986	70 - 100	95	166	2	22-3, 22-0-1	
21-89	-011801	56 - 110	120	187	3	22-4, 22-0-2	
21-90	-012068	100 - 200	175	220	3	22-5, 22-0-2	

Needle bearing extractors

To extract internal needle bearings.

21-4x









Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.
- Kukko internal extractors can be combined with counter supports and slide hammers.
- When combined with the internal extractors, extensions from series 21-V enable deeper bearings to be extracted.

Art.-No.		 mm	 mm	 mm	 Segment		
21-40	-411526	9,6 - 18	18	92	2	22-1, 22-2, 22-0-1, 22-0	
21-41	-186066	11,5 - 19	18	92	2	22-1, 22-2, 22-0-1, 22-0	
21-42	-186141	12,5 - 21	19	92	2	22-1, 22-2, 22-0-1, 22-0	
21-43	-186226	14,5 - 22	19	92	2	22-1, 22-2, 22-0-1, 22-0	
21-44	-186301	16,5 - 23	23	92	2	22-1, 22-2, 22-0-1, 22-0	
21-45	-186486	18,5 - 24	23	92	2	22-1, 22-2, 22-0-1, 22-0	
21-46	-186554	20 - 25	23,5	92	2	22-1, 22-2, 22-0-1, 22-0	

Segmented internal extractor

ST

For extracting bearings, bearing outer rings and bushings that lay flat on one another.

21-E



21-0-E
21-00-E
21-01-E
21-1-E
21-2-E
21-3-E



21-4-E
21-5-E



21-6-E
21-7-E

Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- The segmented design with extra fine grasp edges ensures safe extraction.
- Kukko internal extractors can be combined with counter supports and slide hammers.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		mm	mm	mm	Segment		
21-0-E	-909153	4,8 - 6,5	30	54	2	22-0, 22-0-1, 22-1, 22-2	
21-00-E	-909160	6,8 - 9,5	30	54	2	22-0, 22-0-1, 22-1, 22-2	
21-01-E	-909177	9,5 - 12,5	30	54	2	22-0, 22-0-1, 22-1, 22-2	
21-1-E	-930003	12 - 16	35	80	3	22-0, 22-0-1, 22-1, 22-2	
21-2-E	-931000	14 - 19	40	83	3	22-0, 22-0-1, 22-1, 22-2	
21-3-E	-931109	18 - 23	50	90	3	22-0, 22-0-1, 22-1, 22-2	
21-4-E	-909191	24 - 34	58	98	4	22-0, 22-0-1, 22-1, 22-2	
21-5-E	-924071	34 - 48	65	110	4	22-2, 22-0-1	
21-6-E	-924088	48 - 63	80	120	6	22-2, 22-0-1	
21-7-E	-924095	63 - 78	80	120	6	22-2, 22-0-1	

Slide hammer devices

ST

For use with series 21, series 21-E or series 22-1-AS.

22



22-0



22-0-1



22-0-2



22-0-2-100

Description

- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- TIP: 22-0-2 The impact of the slide hammer can be increased by increments of 3 kg by screwing in one or multiple supplementary weights (item no. 22-0-2-100).

Art.-No.		mm	kg				
22-0	-012143	240	0,5	M10	M7/M10	21-00, 21-01, 21-0, 21-02, 21-1, 21-2, 21-3, 21-4, 21-5, 21-0-E, 21-1-E, 21-2-E, 21-3-E, 21-4-E, 21-40, 21-41, 21-42, 21-43, 21-44, 21-45, 21-46	
22-0-1	-555558	320	1,7	M16 x1,5	M10; 15x16 Gang; G1/2"	21-3, 21-4, 21-5, 21-6, 21-7, 21-8, 21-9, 21-40, 21-41, 21-42, 21-43, 21-44, 21-45, 21-46, 21-0-E, 21-00-E, 21-01-E, 21-1-E, 21-2-E, 21-3-E, 21-4-E, 21-5-E, 21-6-E, 21-7-E	
22-0-2	-111204	700	5,0	G1/2"	G1/2"; G3/4"	21-89, 21-90, 22-0-2-100	
22-0-2-100	-111211	Zusatzgewicht/supplementary weight 3kg				22-0-2	



Internal extractor with slide hammer

ST




224



224-1



224-2




Art.-No.		Ø			
		mm	mm	mm	
224-1	-325656	12-35	25	305	
224-2	-325571	15-50	50	290	

Internal extractor with slide hammer

ST

221-G



Art.-No.		Ø			
		mm	mm	mm	
221-G	-175824	30-180	150	140	

Percussion type bearing extractor sets

For extracting inner bearings, bearing outer rings and bushings.

26



Description

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.
- Mechanical pressure screw.

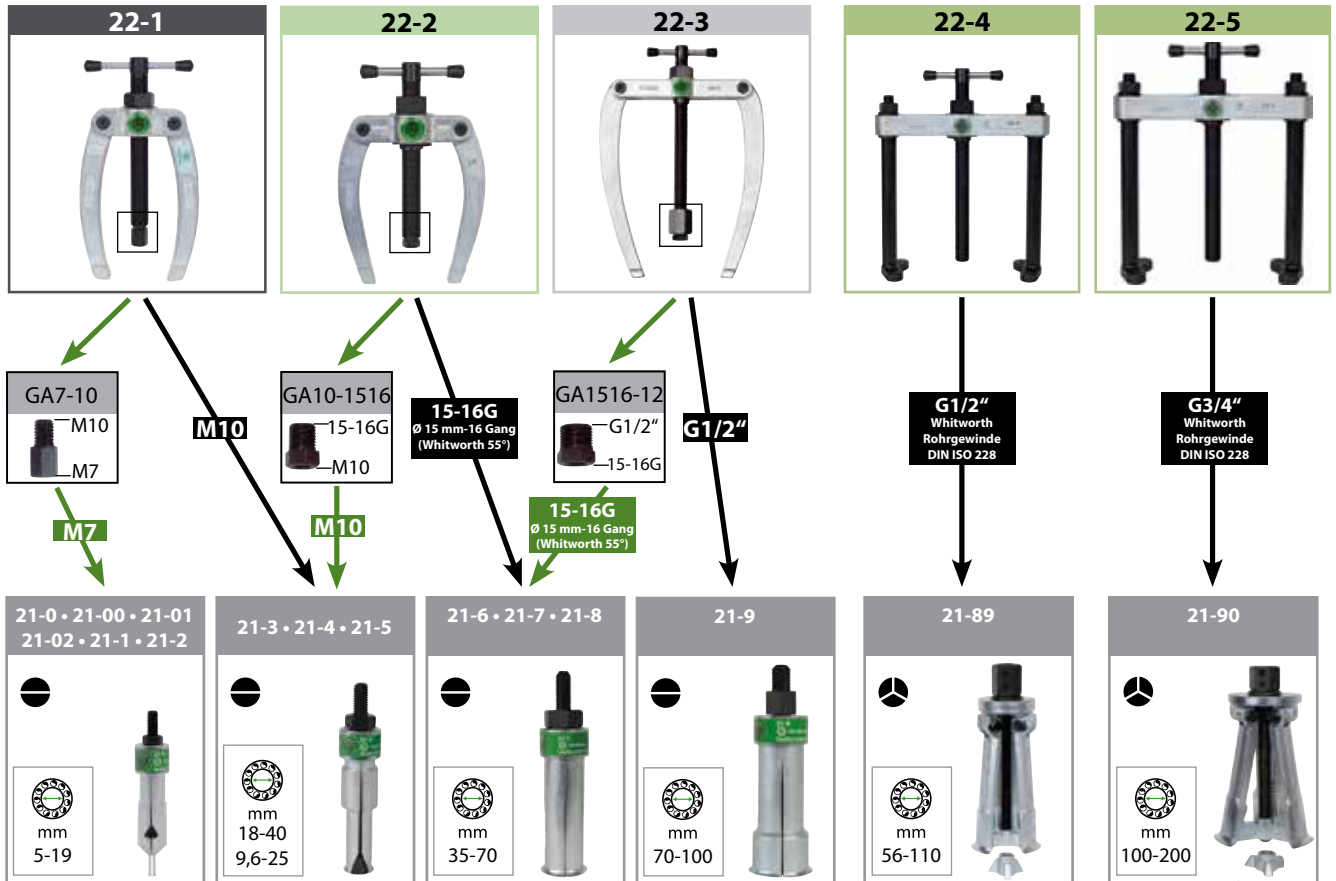
Advantage

- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.
- Kukko internal extractors can be combined with counter supports and slide hammers.
- When combined with the internal extractors, extensions from series 21-V enable deeper bearings to be extracted.

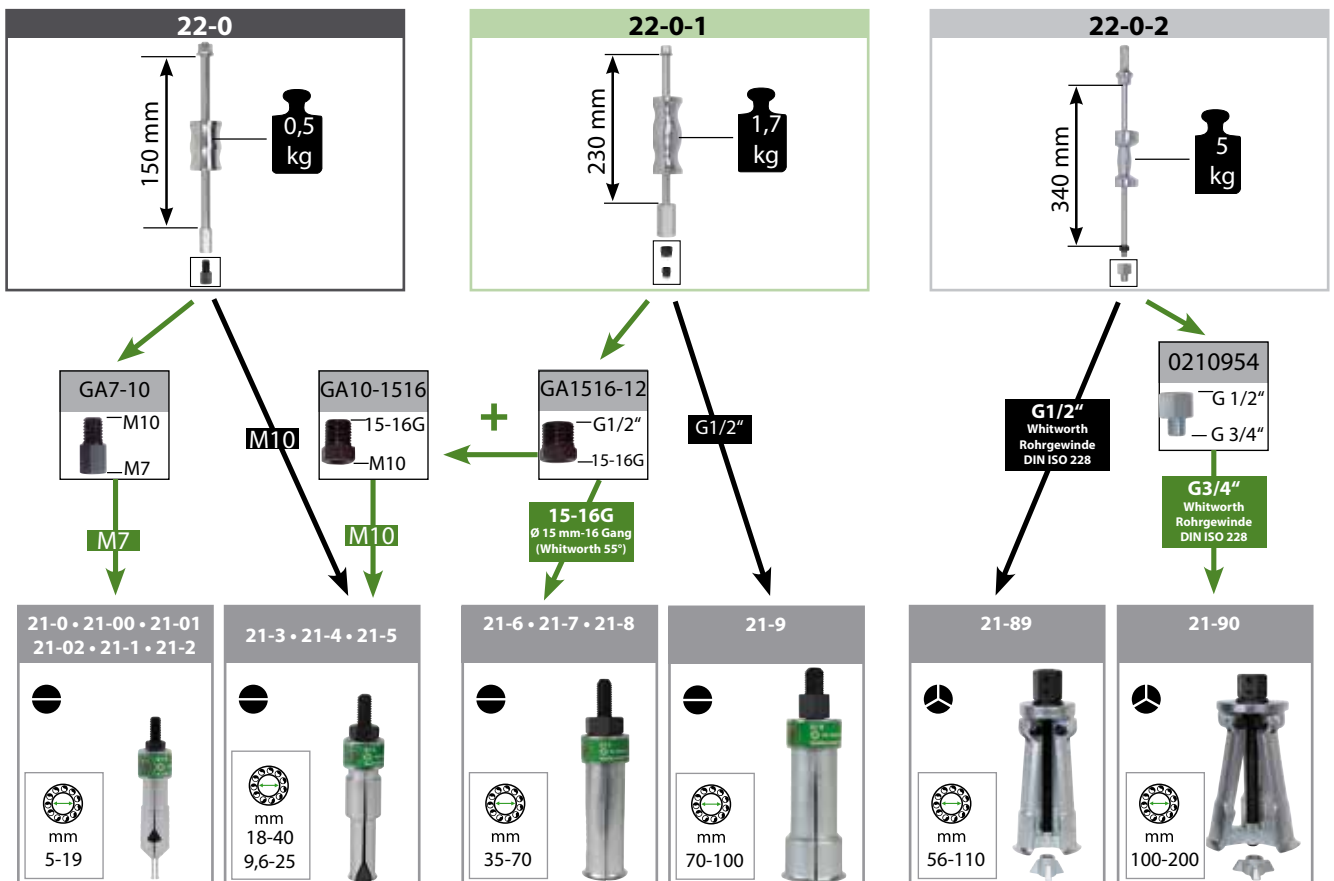
Art.-No.		mm	mm		kg		Stück pieces		
26-A	-781629	6 - 19	290	M12	0,9	21-00, 21-01, 21-02, 21-1, 21-2, KS-22-01-GH, VM12-7, VM12-10	8	i-Boxx	
26-B	-781704	12 - 40	320	M16 x 1,5	1,7	21-1, 21-2, 21-3, 21-4, 21-5, 22-0-1, GA7-10	7	i-Boxx	



Combination of counter stay with internal extractors, series 21

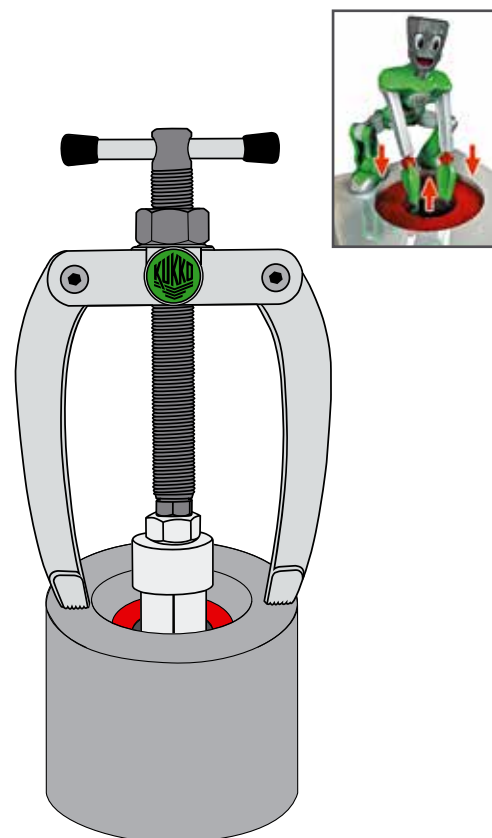
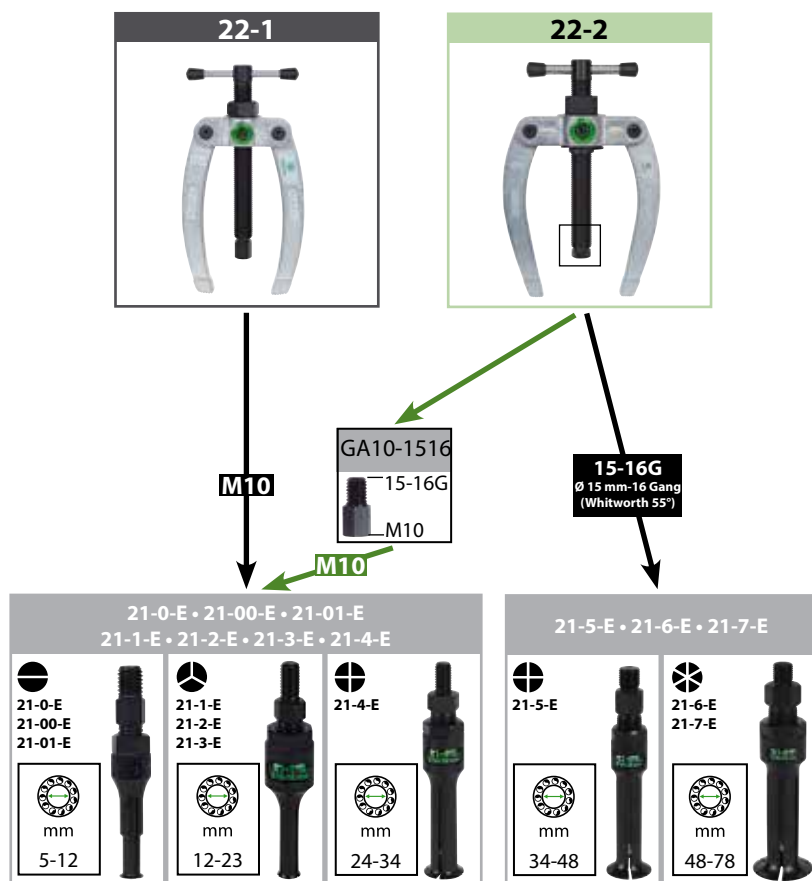


Combination of slide hammer with internal extractors, series 21

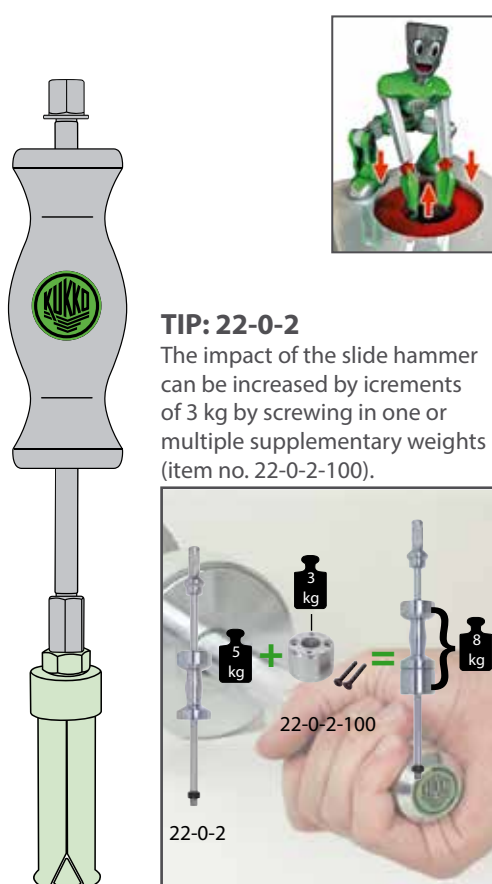
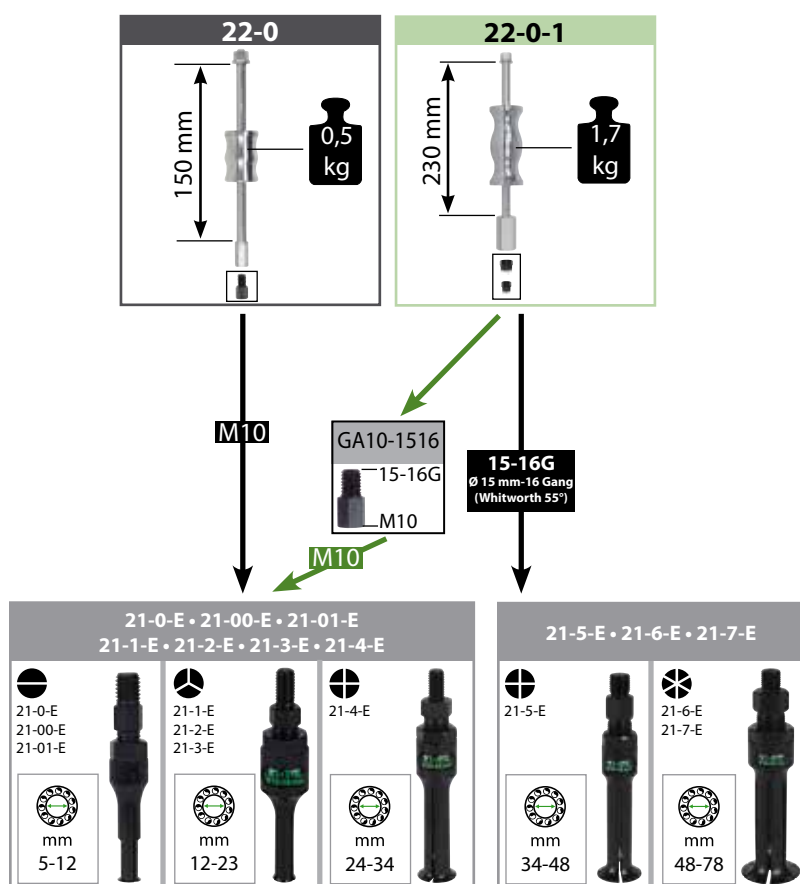




Combination of counter stay with segmented internal extractors, series 21-E



Combination of slide hammer with segmented internal extractors, series 21-E





Counterstays

For use with series 21, series 21-E or series 22-1-AS.

22



22-1
22-2
22-3





22-4
22-5

Description

- Note: If the counter supports cannot be used for space reasons, use a slide hammer series 22-0.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Thanks to their support struts, sizes (4 and 5) counter struts are particularly suited for large ball bearings, etc., and ensure that the assembly remains stable during the extraction process.
- The jaws on the counter supports are easy-to-adjust thanks to an internal spring mechanism. (size 1 to 3)
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.	 4021176	max. t		
22-1	-012228	3	21-0, 21-00, 21-01, 21-02, 21-1, 21-2, 21-3, 21-4, 21-5, 21-40, 21-41, 21-42, 21-43, 21-44, 21-45, 21-46, 21-0-E, 21-00-E, 21-01-E, 21-1-E, 21-2-E, 21-3-E, 21-4-E	
22-2	-012303	4	21-3, 21-4, 21-5, 21-6, 21-7, 21-8, 21-40, 21-41, 21-42, 21-43, 21-44, 21-45, 21-46, 21-0-E, 21-00-E, 21-01-E, 21-1-E, 21-2-E, 21-3-E, 21-4-E, 21-5-E, 21-6-E, 21-7-E	
22-3	-012488	5	21-6, 21-7, 21-8, 21-9	
22-4	-112478	7	21-89	
22-5	-012556	9	21-90	



Sets of bearing pulling and extracting tools

ST

For pulling bearings, gears and discs and for extracting interior bearings, outer bearing rings and bushings.

24








Description

- The puller chuck is used for pulling separable bearing inner races with a diameter of 5-32 mm on magnets, light machines, electric motors and small electrical machinery.
- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.

Advantage

- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.
- Kukko internal extractors can be combined with counter supports and slide hammers.
- When combined with the internal extractors, extensions from series 21-V enable deeper bearings to be extracted.

Art.-No.	 4021176	 mm	 mm		Stück pieces		
24-A	-012716	60 - 90	12 - 46	43-1, 20-1, 21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 22-1, 22-2	11	L-Boxx	
24-B	-012891	60 - 160	12 - 70	43-1, 20-1, 20-2, 21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 21-7, 21-8, 22-1, 22-2	14	L-Boxx	
24-C	-012976	60 - 160	12 - 58	43-1, 20-1, 20-2, 21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 21-7, 21-8, 22-1, 22-2, 22-4	15	L+Boxx	

Sets of bearing extracting tools

ST

For extracting inner bearings, bearing outer rings and bushings.

25







Description

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Note: If the counter supports cannot be used for space reasons, use a slide hammer series 22-0.
- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.

Advantage

- Thanks to their support struts, sizes (4 and 5) counter struts are particularly suited for large ball bearings, etc., and ensure that the assembly remains stable during the extraction process.
- The jaws on the counter supports are easy-to-adjust thanks to an internal spring mechanism. (size 1 to 3)
- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.

Art.-No.	 4021176	 mm		Stück pieces		
25-K	-863899	6 - 19	21-00, 21-02, 21-2, 22-1	4	i-Boxx	
25-N	-787096	11,5 - 25	21-41, 21-42, 21-43, 21-44, 21-45, 21-46, 22-1	7	i-Boxx	
25-A	-013058	12 - 46	21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 22-1, 22-2	8	L-Boxx	
25-B	-013133	12 - 70	21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 21-7, 21-8, 22-1, 22-2	10	L-Boxx	
25-C	-013218	12 - 110	21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 21-7, 21-8, 22-1, 22-2, 22-4	11	L-Boxx	
25-D	-158803	56 - 110	21-89, 22-4	2	L-Boxx	



Set of slide hammer for extracting ball bearings and dowel-pins

ST

For extracting interior bearings, outer bearing rings and bushings and components with threads (dowel-pins, parallel-keys, bolts, etc.).

28










Description

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.
- Mechanical pressure screw.

Advantage

- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.
- Kukko internal extractors can be combined with counter supports and slide hammers.
- When combined with the internal extractors, extensions from series 21-V enable deeper bearings to be extracted.

Art.-No.		 mm	 mm	 kg			Stück pieces		
28-A	-507779	6 - 19	M3-M18	290	0,9	M12	21-00, 21-01, 21-02, 21-1, 21-2, KS-22-01-GH, VM12-7, VM12-10, GE3-10, GE4-10, GE5-10, GE6-10, GE8-10, GE10-10, GE12-10, GE14-10, GE16-10, GE18-10	18	i-Boxx
28-B	-507786	12 - 40	M8-M24	230	1,7	M16 x1,5	21-1, 21-2, 21-3, 21-4, 21-5, 22-0-1, GA12-1815, GA7-10, GE8-1815, GE10-1815, GE12-1815, GE14-1815, GE16-1815, GE18-1815, GE20-1815, GE22-1815, GE24-1815	17	i-Boxx



Set of slide hammer and counterstays for extracting ball bearings and dowel-pins

ST

For extracting interior bearings, outer bearing rings and bushings and components with threads (dowel-pins, parallel-keys, bolts, etc.).

28








Description

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.
- Mechanical pressure screw.

Advantage

- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.
- Thanks to their support struts, sizes (4 and 5) counter struts are particularly suited for large ball bearings, etc., and ensure that the assembly remains stable during the extraction process.
- The jaws on the counter supports are easy-to-adjust thanks to an internal spring mechanism. (size 1 to 3)

Art.-No.		 mm			Stück pieces		
28-C	-466762	12 - 46	M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 22-1, 22-2, KS-22-01-GH, VM12-10, VM12-1516, GE3-10, GE4-10, GE5-10, GE6-10, GE8-10, GE10-10, GE12-10, GE14-10, GE16-10, GE18-10	22	L+Boxx	
28-D	-466779	12 - 70	M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 22-1, 22-2, KS-22-01-GH, VM12-10, VM12-1516, GE3-10, GE4-10, GE5-10, GE6-10, GE8-10, GE10-10, GE12-10, GE14-10, GE16-10, GE18-10	24	L+Boxx	



Sets of slide hammers in case

ST

For extracting bushings and components with threads (dowel-pins, parallel-keys, bolts, etc.).

KS-22










Description

- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.
- Self-healing corrosion protection KUKKCoating for galvanized parts.

Advantage

- Kukko dowel pins can be combined with counter supports and slide hammers.
- Practical package for universal use.
- All components available as replacement parts, time-saving order process thanks to numbering system.






Art.-No.								
		mm	kg					
KS-22-01	-924569	M3, M4, M5, M6, M8, M10, M12 verzinkt/zinc plated: M7, M10, 15-16G	M12	290	0,9	M12	10	Kunststoff
KS-22-02	-951121	M6, M8x1, M10, M10x1, M12x1, M15x1,5 verzinkt/zinc plated: M7, M10, 15-16G	M12	290	0,9	M12	10	Kunststoff

Extractor for parts with tapholes

ST

223



Art.-No.						
		mm	kg			
223	-309083	M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	M12/M10	290	0,9	

Set of screw adapters

ST

For extracting and removing parts with threads (dowel-pins, parallel-keys, bolts, etc.) for use with series 22 and series 22-0.

22-1-AS







Description

- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.					
22-1-AS	-339288	M4; M5; M6; M8; M10; M12	M12/M10	22-0, 22-0-1, 22-1, 22-2, 22-3	

Set of parallel-key and dowel-pin extractors

ST

For extracting components with threads (dowel-pins, parallel-keys, bolts, etc.).







223



223-K

Description

- Kit in the tried-and-tested KUKKO-i-Boxx-System.
- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.

Art.-No.						Stück pieces		
			mm	kg				
223-K	-784859	M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	290	0,9	M12	14	i-Boxx	
223-G	-984181	M8; M10; M12; M14; M16; M18; M20; M22; M24	320	1,7	M16 x 1,5	11	i-Boxx	

Extensions for internal extractors

ST

Extensions for internal extractor.

21-V






Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.				
		mm		
21-V-040	-909214	40	21-0, 21-00, 21-01, 21-02, 21-2	
21-V-060	-909221	60	21-0, 21-00, 21-01, 21-02, 21-2	
21-V-080	-909238	80	21-0, 21-00, 21-01, 21-02, 21-2	
21-V-310	-914386	100	21-3, 21-4, 21-5, 21-40, 21-41, 21-42, 21-43, 21-44, 21-45, 21-46	





Separating

Trenn-Abziehen

03

Separators and sets.....**72-73**
Trennvorrichtungen und Sätze

Pulling devices.....**75**
Abziehvorrichtungen

Dowel-pins.....**76-77**
Passstifte

01

02

03

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10





Separators

ST

For removing ball bearings, roller bearings, inner races and other tight parts if there is not enough space to use pulling hooks.

15







Description

- Note: When there is enough space, the separators in series 17 are a good alternative as the jaws can be tightened quickly in a central position with a pressure spindle.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm		
15-00	-101854	6 - 40	40	18-00	
15-0	-006951	8 - 60	60	18-0	
15-1	-007033	12 - 75	75	18-1	
15-2	-007118	22 - 115	115	18-2, 18-2-B	
15-3	-007293	25 - 155	155	18-3, 18-3-B	
15-4	-007378	30 - 200	200	18-4, 18-4-B	
15-5	-007453	30 - 250	250	18-5, 18-5-B	

Separating-sets

ST

For removing ball bearings, roller bearings, inner races and other tight parts if there is not enough space to use pulling hooks.

15







Description

- Instructions on the cover.
- Secure storage in special foam.
- Note: When there is enough space, the separators in series 17 are a good alternative as the jaws can be tightened quickly in a central position with a pressure spindle.
- Personal KUKKO-Chip-Code.
- Mechanical pressure screw.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm		Stück pieces		
15-K	-007941	8 - 60	15-0, 18-0, 19-1-P	4	i-Boxx	
15-A	-007521	12 - 75	15-1, 18-1, 19-1-P	4	i-Boxx	
15-B	-007606	22 - 115	15-2, 18-2, 19-2-P	4	L-Boxx	
15-C	-007781	25 - 155	15-3, 18-3, 19-3-P	4	Metall	
15-D	-007866	30 - 200	15-4, 18-4, 19-4-P	4	Metall	
15-E	-308826	30 - 250	15-5, 18-5, 19-5-P	4	Metall	

Separators with quick clamping pressure spindle

ST

For removing ball bearings, roller bearings, inner races and other tight parts if there is not enough space to use pulling hooks.

17







Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- The quick clamping pressure spindle makes it easier to separate tightly-fitting parts.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm		
17-0	-008108	8 - 60	60	18-0	
17-1	-008283	12 - 75	75	18-1	
17-2	-008368	22 - 115	115	18-2	
17-3	-008443	25 - 155	155	18-3	

Separating-sets

ST

For removing ball bearings, roller bearings, inner races and other tight parts if there is not enough space to use pulling hooks.

17









Description

- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.
- Mechanical pressure screw.
- Milled thread treated with special coating.

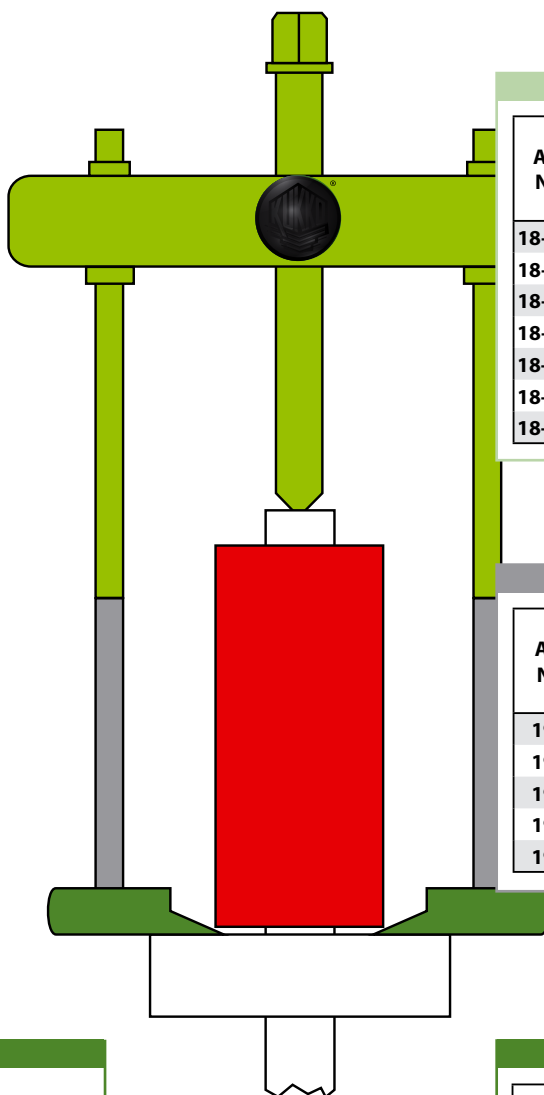
Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.



Art.-No.		 mm	 mm	 mm		Stück pieces		
17-K	-008856	71 -	8 - 60	100	17-0, 18-0, 19-1-P	4	i-Boxx	
17-A	-008511	122 -	12 - 75	150	17-1, 18-1, 19-1-P	4	i-Boxx	
17-B	-008696	125 -	22 - 115	200	17-2, 18-2, 19-2-P	4	L-Boxx	
17-C	-008771	144 -	25 - 155	300	17-3, 18-3, 19-3-P	4	Metall	



INFOBOX: No. 15 · 17 · 18 · 19



No. 18

Art. No.	 mm	 mm
18-00	60	25-100
18-0	71-150	50-110
18-1	122-200	60-150
18-2	125-250	60-200
18-3	144-300	80-300
18-4	134-350	120-380
18-5	225-400	150-440





No. 19

Art. No.	L mm	für for
19-1	100	18-0; 18-1
19-2	100	18-2
19-3	100	18-3
19-4	200	18-4
19-5	200	18-5





No. 15

Art. No.	 mm	 mm
15-00	6-40	40
15-0	8- 60	60
15-1	12- 75	75
15-2	22-115	115
15-3	25-155	155
15-4	30-200	200
15-5	30-250	250



No. 17

Art. No.	 mm	 mm
17-0	8- 60	60
17-1	12- 75	75
17-2	22-115	115
17-3	25-155	155



Sätze / set

15-K	15-A	15-B	15-C	15-D	15-E
15-0	15-1	15-2	15-3	15-4	15-5
18-0	18-1	18-2	18-3	18-4	18-5
19-1	19-1	19-2	19-3	19-4	19-5



Sätze / set

17-K	17-A	17-B	17-C
17-0	17-1	17-2	17-3
18-0	18-1	18-2	18-3
19-1	19-1	19-2	19-3



Steering wheel pullers

ST

For use with series 17, series 15, series 18-AS and series 18-A.

18









Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Hydraulic spindle series 8 for particularly tight parts available from a particular pulling device.
- The extensions in series 19 enable the clamping depth to be increased easily.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.					max. t	 max. Nm		
18-00	-101939	60	25-100	12	1,5	40	15-00	
18-0	-075599	71-150	50-110	13	3	40	15-0, 17-0	
18-1	-075674	122-200	60-150	19	5	70	15-1, 17-1	
18-2	-075759	125-250	60-200	22	7	120	15-2, 17-2	
18-3	-005961	144-300	80-300	27	10	280	15-3, 17-3	
18-4	-006043	134-350	120-380	36	15	450	15-4	
18-5	-075834	225-400	150-440	41	20	500	15-5	

Hydraulic pulling device(including mechanical pressure screw)

ST

For use with series 17 (from 17-2) and series 15 (from 15-2).

18-B







Description

- Hydraulic spindle.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Easy and even pulling for particularly tight parts.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.				max. t	mit with		
18-2-B	-885723	125-250	60-200	7	8-01	15-2, 17-2	
18-3-B	-885730	144-300	80-300	10	8-02	15-3, 17-3	
18-4-B	-885747	134-350	120-380	15	8-1-B	15-4	
18-5-B	-885754	225-400	150-440	20	8-2-M	15-5	



2 Extensions for pulling devices (pair)

ST

For use with series 18.

19






Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.	 4021176	 mm		
19-1-P	-169984	100	18-0, 18-1	
19-2-P	-170041	100	18-2	
19-3-P	-170126	100	18-3, 18-3-B	
19-4-P	-168321	200	18-4, 18-4-B	
19-5-P	-152306	200	18-5, 18-5-B	

Set of screw adapters

ST

For extracting and removing parts with threads (dowel-pins, parallel-keys, bolts, etc.) for use with series 18.

18-AS







Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.	 4021176				Inhalt content	
18-0-AS	-337048	M4-M5- M6-M8- M10-M12	M10	18-0, 18-1	Satz	
18-2-AS	-337123	M8-M10- M12-M14- M16-M18	M14x1,5	18-2	Satz	
18-3-AS	-337208	M14-M16- M18-M20- M22-M24	M18x1,5	18-3	Satz	

Screw adapters (pair)

For extracting and removing parts with threads (dowel-pins, parallel-keys, bolts, etc.) for use with series 18.

18-A







Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.					Inhalt content	
18-003A	-788406	M3	M10	18-0, 18-1	Paar / pair	
18-004A	-337383	M4	M10	18-0, 18-1	Paar / pair	
18-005A	-337468	M5	M10	18-0, 18-1	Paar / pair	
18-006A	-337536	M6	M10	18-0, 18-1	Paar / pair	
18-008A	-337611	M8	M10	18-0, 18-1	Paar / pair	
18-010A	-337796	M10	M10	18-0, 18-1	Paar / pair	
18-012A	-337871	M12	M10	18-0, 18-1	Paar / pair	
18-016A	-788574	M16	M10	18-0, 18-1	Paar / pair	
18-208A	-337956	M8	M14x1,5	18-2	Paar / pair	
18-210A	-338113	M10	M14x1,5	18-2	Paar / pair	
18-212A	-338298	M12	M14x1,5	18-2	Paar / pair	
18-214A	-338373	M14	M14x1,5	18-2	Paar / pair	
18-216A	-338458	M16	M14x1,5	18-2	Paar / pair	
18-218A	-338526	M18	M14x1,5	18-2	Paar / pair	
18-314A	-338601	M14	M18x1,5	18-3	Paar / pair	
18-316A	-338786	M16	M18x1,5	18-3	Paar / pair	
18-318A	-338861	M18	M18x1,5	18-3	Paar / pair	
18-320A	-338946	M20	M18x1,5	18-3	Paar / pair	
18-322A	-339028	M22	M18x1,5	18-3	Paar / pair	
18-324A	-339103	M24	M18x1,5	18-3	Paar / pair	



Automotive

Ball bearing removal and fitting





Ball bearing removal and fitting

Kugellager Aus- & Einbau

04

Ball bearing removal.....**80-83**
Kugellager-Ausbau

Ball bearing fitting.....**83-84**
Kugellager-Einbau

Accessories for ball bearing
removal and fitting.....**85**
Zubehör für den Kugellager
Aus- und Einbau

01

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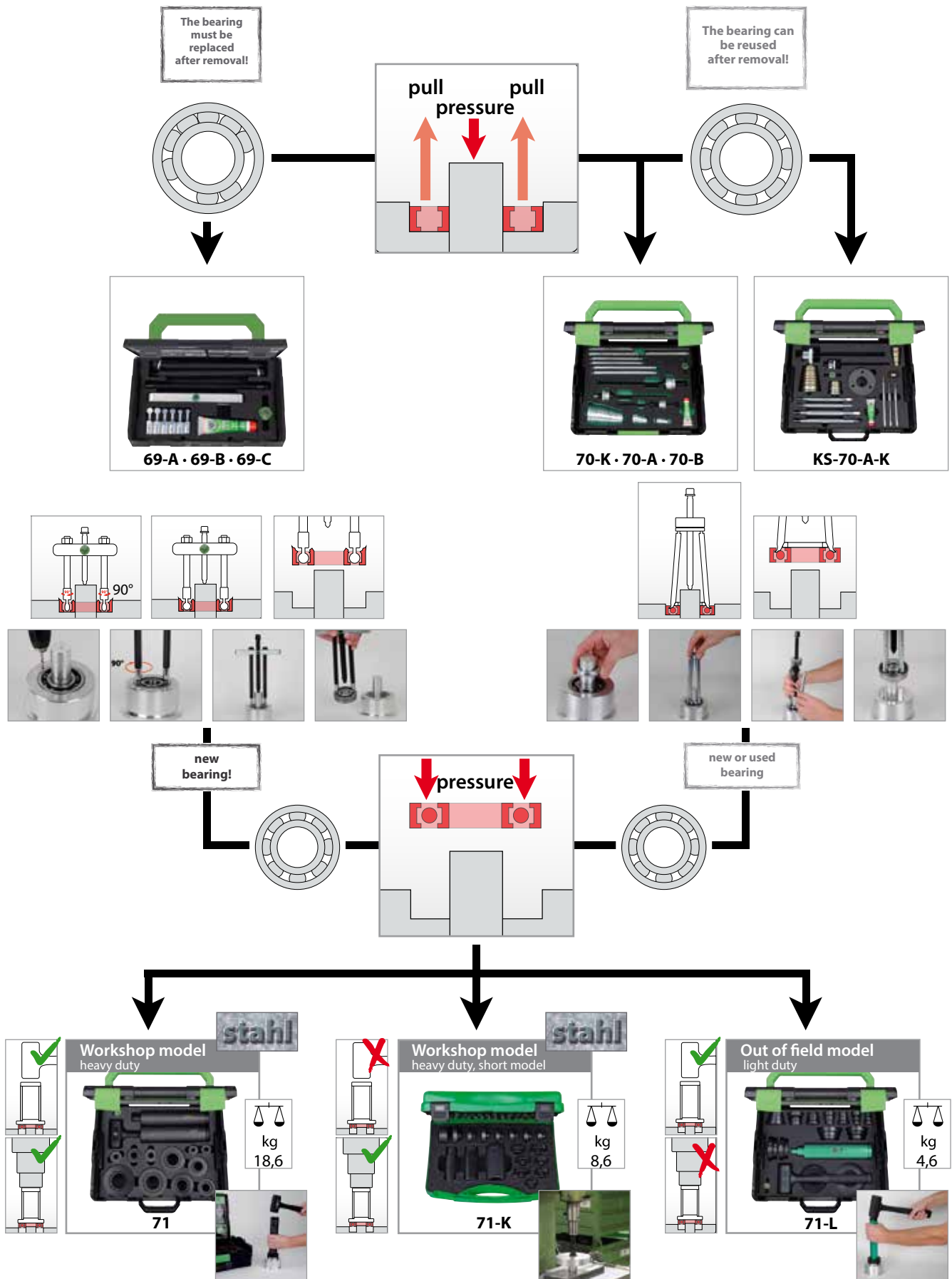
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09

10



BALL BEARING removal and installation

**TIP!**

For an especially reliable fit of the ball bearing onto the shaft, we recommend our inductive ball bearing heater, T-AW. The ball bearing is heated, mounted on the shaft, and as it cools, is firmly pressed to the shaft.



**Ball bearing extractor sets „Universal“****ST**

For removing grooved ball bearings without having to dismantle the shaft.

69

69-A
69-B





69-C

Description

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions and conversion table in the cover.
- Ball bearing puller
- Pulling hook sets
- Secure storage in special foam.

Advantage

- Quick and secure selection thanks to markings on the pulling hooks.
- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- Spindle head band prevents the wrench from slipping off.

Art.-No.		 mm		Stück pieces		
69-A	-781391	20 - 110	6004-6013; 6201-6206; 6300-6305	7	L-Boxx MINI	
69-B	-781476	40 - 110	6011-6020; 6206-6212; 6305-6309; 6403-6407	7	L-Boxx MINI	
69-C	-781544	56 - 240	6021-6032; 6213-6230; 6310-6321; 6406-6417	10	L-Boxx	

Universal set of separator, puller and ball bearing extractor**ST**

For simple and problem-free removal of ball bearings, cylinders, discs, pole wheels and similar parts on motorcycles and other small motors








29-A-69

**Description**

- Two-arm puller: Clamping span: 95 mm, clamping depth: 115 mm
- Clamping depth extensions 95 mm
- For separating and pulling bearings with an exterior diameter of 6-40 mm.
- Extraction of ball bearings, series 6004-6013, 6201-6206, 6300-6305
- Instructions on the cover.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	 mm		 mm	Stück pieces		
29-A-69	-101878	25 - 95	115 - 210	6 - 40z	6004-6013; 6201-6206; 6300-6305	12	12	i-Boxx	

Ball bearing extractor sets for deep-groove ball bearings**ST**

To remove grooved ball bearings without causing damage and without having to dismantle the shaft.

70

**Description**

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions and conversion table in the cover.
- Ball bearing puller
- Pulling hook sets
- Support rings

Advantage

- Pulling hook developed specifically for precise installation in the bearing's tracks for ideal level of support and better extension force.
- Quick and secure selection thanks to markings on the pulling hooks.
- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.

Art.-No.			Stück pieces		
70-K	-786754	6000-6013; 6200-6207; 6300-6306	35	L-Boxx	
70-A	-022128	6000-6013; 6200-6212; 6300-6311; 6403-6408	57	L-Boxx	
70-B	-320866	6014-6021; 6213-6222; 6312-6317; 6409-6415	47	L-Boxx	



Ball bearing extractors and pulling arm sets

ST

To remove grooved ball bearings without causing damage and without having to dismantle the shaft.

70





Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.			
70-1	-021138	70-711, 70-713, 70-712	
70-2	-021213	70-721, 70-722	
70-3	-021398	70-731, 70-732	
70-4	-316418	70-4730, 70-4731, 70-4733, 70-4734	

Pulling hook sets

ST

To remove grooved ball bearings without causing damage and without having to dismantle the shaft.

70



Description

- Pulling hooks.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.
- Self-healing corrosion protection KUKKCoating for galvanized parts.

Advantage

- Pulling hook developed specifically for precise installation in the bearing's tracks for ideal level of support and better extension force.
- Quick and secure selection thanks to markings on the pulling hooks.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.			 Stück		
70-711	-021473	6000-6003; 6200	-	70-1	
70-712	-021541	6004-6006; 6201-6203; 6300	6	70-1	
70-713	-021626	6204-6205; 6301-6303	5	70-1	
70-721	-021701	6007-6013	1	70-2	
70-722	-021886	6011-6012; 6206-6207; 6304-6306	4	70-2	
70-731	-021961	6208-6210; 6307; 6403; 6407	6	70-3	
70-732	-022043	6211-6212; 6308-6311; 6404-6408	9	70-3	
70-4731	-320521	6018-6020; 6213-6213	6	70-4	
70-4733	-320781	6216-6222; 6312-6317; 6410-6415	19	70-4	
70-4734	-320606	6021; 6409	1	70-4	
70-4730	-320453	6014-6017	4	70-4	

**Ball bearing extractor set****ST**

To remove grooved ball bearings without causing damage and without having to dismantle the shaft.




KS-70-A-K

**Description**

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions and conversion table in the cover.
- Ball bearing puller
- Pulling hook sets
- Support rings

Advantage

- Pulling hook developed specifically for precise installation in the bearing's tracks for ideal level of support and better extension force.
- Quick and secure selection thanks to markings on the pulling hooks.
- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.

Art.-No.			Stück pieces	
KS-70-A-K	-956362	6000-6013; 6200-6212; 6300-6311; 6403-6408	60	L-Boxx

Bearing fitting tool kit made of steel, heavy execution**ST**

For bearing installation with a hydraulic press or hammer.







71

**Description**

- For mobile use, we recommend Series 71-L.
- 33 impact rings made of extra strength steel.
- 5 strike pipes made of extra strength steel.
- 1 dead blow hammer
- Kit in the tried-and-tested KUKKO-L-Boxx-System.

Advantage

- The combination of impact ring and impact sleeve required for the installation of the ball bearing can be found in the table inside the case cover.
- The axes, bearing casings and gaskets of the bearing will not be damaged.
- With the combination of the impact ring and the impact pipe, the installation forces are never directed through the rolling elements of the bearing.

Art.-No.						Stück pieces	
71	-314841	mm	Stück	mm	mm	Stück	L-Boxx
		10 - 50	5	15; 20; 30; 40; 55	225	33	

Bearing fitting tool kit made of steel, heavy execution**ST**

For bearing installation with a hydraulic press.







71-K

**Description**

- For mobile use, we recommend Series 71-L.
- 15 impact rings made of extra strength steel.
- 3 strike pipes made of extra strength steel.
- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions and conversion table in the cover.

Advantage

- The combination of impact ring and impact sleeve required for the installation of the ball bearing can be found in the table inside the case cover.
- The axes, bearing casings and gaskets of the bearing will not be damaged.
- With the combination of the impact ring and the impact pipe, the installation forces are never directed through the rolling elements of the bearing.

Art.-No.						Stück pieces	
71-K	-403071	mm	Stück	mm	mm	Stück	Kunststoff
		10 - 25	3	15; 20; 30	77	15	

**Bearing fitting tool kit, light out on field model****ST**







For quick, precise and secure installation of bearings and seals.

71-L**Description**

- For use with a hydraulic press, we recommend the sets series 71 and series 71-K.
- 33 impact rings made of extremely shockproof plastic
- 3 strike pipes made of anodized aluminum
- 1 dead blow hammer
- Kit in the tried-and-tested KUKKO-L-Boxx-System.

Advantage

- The combination of impact ring and impact sleeve required for the installation of the ball bearing can be found in the table inside the case cover.
- The axes, bearing casings and gaskets of the bearing will not be damaged.
- The impact rings have a rubber ring and ensure locking at the strike pipe.
- With the combination of the impact ring and the impact pipe, the installation forces are never directed through the rolling elements of the bearing.

Art.-No.						Stück pieces	
		mm	Stück	mm	mm	Stück	
71-L	-782121	10 - 50	3	19, 32, 50	220	33	L-Boxx

Steering head bearing fitting tool kit**ST**






For installation of steering head bearings on motorcycles

71-M**Description**

- Set is suitable for all motorcycles.
- The following are also included in the set: 1 sealing grip device for hoses.
- Specifically intended for the replacement of the steering head bearing.
- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions and conversion table in the cover.

Advantage

- The special shape of the impact ring allows for the power to be transmitted only to the internal ring during pressing or hammering of the tapered roller bearing.
- This means that the bearing cage will not be destroyed.
- The combination of impact ring and impact sleeve required for the installation of the ball bearing can be found in the table inside the case cover.
- The axes, bearing casings and gaskets of the bearing will not be damaged.
- The impact rings have a rubber ring and ensure locking at the impact hose.




Art.-No.					
		mm	Stück	mm	mm
71-M	-772788	25 - 35	1	32	360

Seal disassembly tools**ST****222**

222-1



222-U

Art.-No.			
		mm	mm
222-1	-035722	430	230
222-U	-777791	300	

Seal pulling set (gasket) in case





For pulling out shaft sealing rings, radial wave sealing rings, gasket sealings, sealings, bearing sealing rings and rotary sealing rings

**Description**

- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.			Stück pieces		
K-222-1/7	-222757	222-1, 222-100, 222-U	7	L-Boxx	1



Circlip pliers, external

ST

728






Description

- For the assembly of retaining rings on shafts.
- Powerful design, forged.
- Non-slip, stable tips.
- Body of pliers and tips: Chrome vanadium steel, forged, oil-hardened.

Advantage

- Work comfortably in hard-to-reach places.
- Unimpeded view of work peaks.
- Easy access to covered retaining rings.

Art.-No.		 mm	 mm	
728T-A0	-139567	3 - 10	135	
728T-A1	-790546	10 - 25	135	
728T-A2	-790560	19 - 60	180	
728T-A3	-545764	40 - 100	225	
728T-A4	-790591	85 - 140	320	
728T-A01	-545757	3 - 10	135	
728T-A11	-790553	10 - 25	135	
728T-A21	-790577	19 - 60	180	
728T-A31	-790584	40 - 100	225	
728T-A41	-545771	85 - 140	320	

Circlip pliers, internal

ST

729






Description

- For the assembly of retaining rings on shafts.
- Powerful design, forged.
- Non-slip, stable tips.
- Body of pliers and tips: Chrome vanadium steel, forged, oil-hardened.

Advantage

- Work comfortably in hard-to-reach places.
- Unimpeded view of work peaks.
- Easy access to covered retaining rings.

Art.-No.		 mm	 mm	
729T-J0	-139574	3 - 10	135	
729T-J1	-545788	10 - 25	135	
729T-J2	-545801	19 - 60	180	
729T-J3	-545825	40 - 100	225	
729T-J4	-545726	85 - 140	320	
729T-J01	-139581	3 - 10	135	
729T-J11	-545795	10 - 25	135	
729T-J21	-545818	19 - 60	180	
729T-J31	-545832	40 - 100	225	
729T-J41	-545849	85 - 140	320	

Circlip pliers service set

ST

728






Description

- For the assembly of retaining rings on shafts.
- Powerful design, forged.
- Non-slip, stable tips.
- Body of pliers and tips: Chrome vanadium steel, forged, oil-hardened.

Advantage

- Work comfortably in hard-to-reach places.
- Unimpeded view of work peaks.
- Easy access to covered retaining rings.

Art.-No.			Stück pieces		
728T729	-647734	728T-A1, 728T-A11, 728T-A2, 728T-A21, 729T-J1, 729T-J11, 729T-J2, 729T-J21	8	Kunststoff	





Ball joints extractors

Kugelgelenk-Ausdrücker

05

Ball joint extractor guide.....**88-89**

Kugelgelenk-Ausdrücker-ABC

Ball joint extractors.....**90-99**

Kugelgelenk-Ausdrücker

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02

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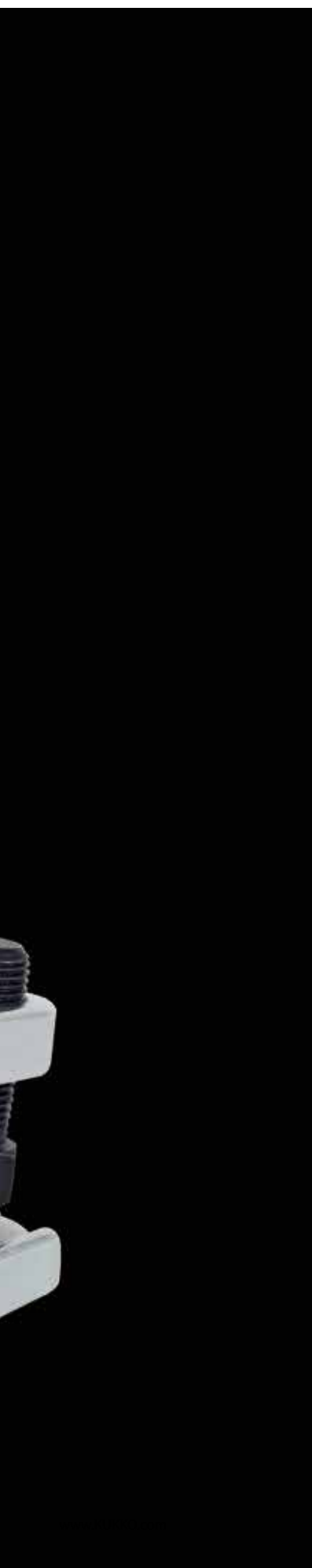
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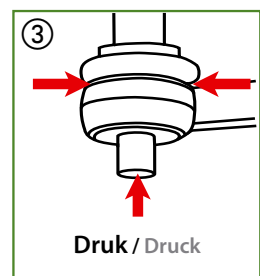
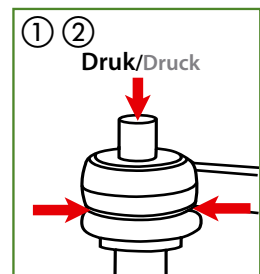
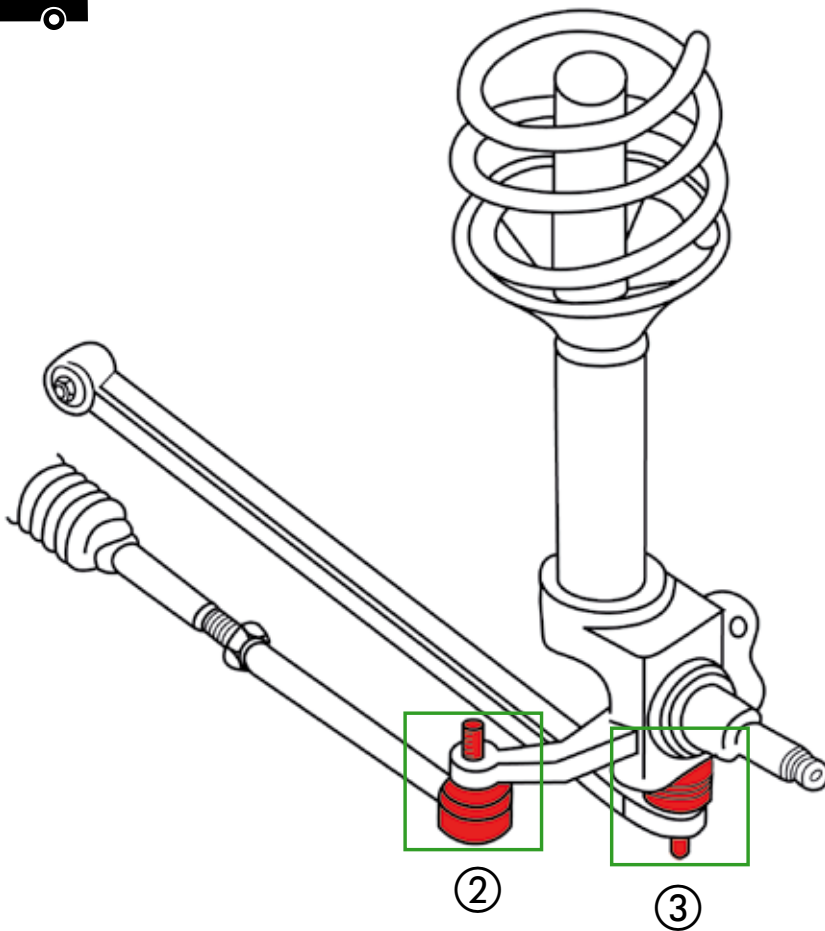
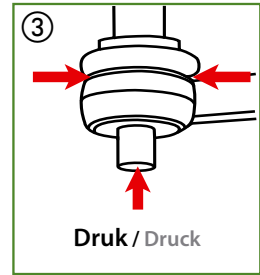
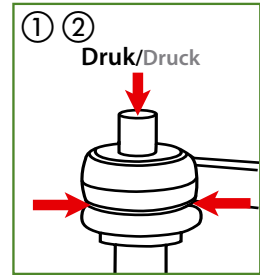
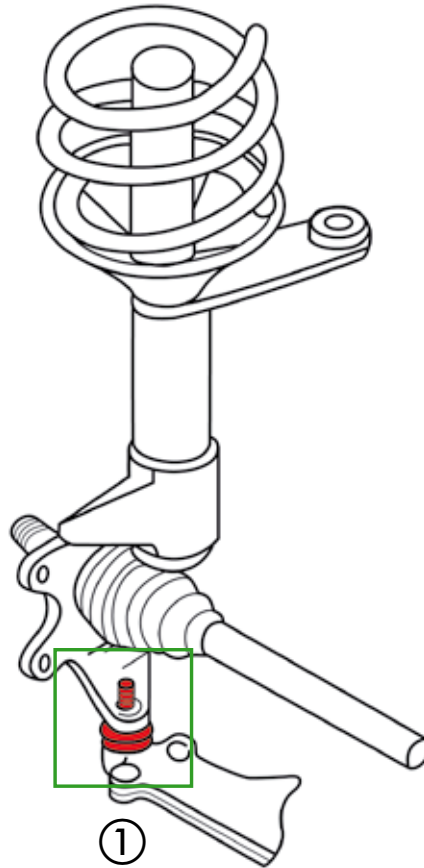
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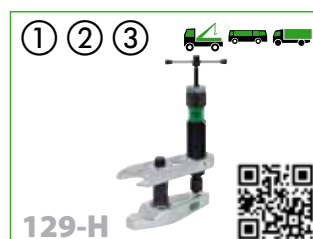


Ball joints extractor





Ball joints extractor



01
02
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06
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09
10



Ball joint extractor

ST

For extracting ball pins when dismantling ball joints, track-rod ends on track rods.

127






Description

- Made from sturdy, alloyed, hardened and tempered steel, gun-metal finished.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
127-2	-123290	33	58	Porsche Cayenne 03/2010<; VW Touareg 2003>; Seat Ibiza 2008>; Seat Leon 2013>	
127-3	-981784	34	63	VW Touareg, Bj. 2003-2009; Mercedes Sprinter; VW-LT 1998; Fiat Ducato 1994;	
127-4	-123306	37	58	VW Touareg, ab Bj. 2010; Audi Q7 ab Bj. 2007;	

Ball joint extractors

ST

For extracting ball pins when dismantling ball joints, track-rod ends on track rods.

128








Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	 mm	
128-1	-024108	18	38	36	17	
128-2	-024283	23	48	45	17	
128-3	-024368	29	60	60	19	

Ball joint extractor

For extracting ball pins when dismantling ball joints, track-rod ends on track rods.

128








Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	 mm	
128-4	-024443	40	106	76	24	
128-5	-024511	50	106	76	24	

**Adjustable ball joint extractors lever type for passenger-cars****ST**

For extracting ball pins when dismantling ball joints, track-rod ends on track rods, for passenger cars and light delivery vehicles.




129

**Description**

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Clamping width can be increased by simple conversion.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
129-0	-410536	20	50	universal	
129-0-25	-989667	25	50	VAG, Universal, kleinere Modelle	
129-0-29	-989674	29,5	50	Polo (02), Golf (04/05), Caddy, A 2 (01), A 6 (98), A 8 (94), Passat (06), TT (99), Touran (04), LT (97) u.a.	
129-0-DC-1	-923920	20	50	Mercedes C, E	
129-0-DC-2	-923647	20	50	Smart	

Universal adjustable ball joints extractors**ST**

For extracting ball pins when dismantling ball joints, track-rod ends on track rods, in passenger vehicles.




129-25

**Description**

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Clamping width can be increased with simple 3-level conversion.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
129-25	-967924	19	24 - 30 40 - 45	universal, auch für italienische PKW-Typen	

Fork separators**ST**

To loosen ball bearing joints wedged into the cone seat, for loosening steering column levers, for disassembly of shock absorbers and for other separation projects of all kinds.



135

**Description**

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Universal application.

Art.-No.		 mm	
135-1	-024856	18	
135-2	-024931	23	
135-3	-025013	29	
135-4	-025198	39	
135-5	-220531	45	



Adjustable ball joint extractors lever type for passenger cars and light commercial vehicles

ST

For extracting ball pins when dismantling ball joints, track-rod ends on track rods, for passenger cars and light delivery vehicles.

129-1






Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Continuously adjustable clamping widths.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
129-1	-024696	18-22	50	universal	
129-1-B-1	-923654	30	50	BMW	

Adjustable ball joint extractors lever type, for all passenger cars, commercial vehicles and medium-sized trucks

ST

For extracting ball pins when dismantling ball joints, track-rod ends on track rods, universal use for passenger cars, delivery vehicles and medium-sized commercial goods vehicles.

129-2








Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Universal application thanks to three jaw widths.
- Continuously adjustable clamping widths.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	 mm	für for	
129-2	-024771	16	22	32	70	universal	

Adjustable ball joint extractors lever type, special model for passenger cars with aluminium chassis

ST

For extracting ball pins when dismantling ball joints, track-rod ends on track rods, especially for passenger cars with aluminium chassis.

129-3-A






Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Simple adjustment of clamping depths thanks to spring mechanism.
- Continuously adjustable clamping widths.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
129-3-A	-803178	30	65	ALU	
129-3-A-32	-989681	32	65	ALU-Fahrwerke, A 8 ab 03 (hinten)	
129-3-A-34	-989698	34	65	ALU-Fahrwerke, A 8 ab 03 (vorne)	

Adjustable ball joint extractors lever type, universal for medium-sized and heavy trucks, busses and construction vehicles

ST

For extracting ball pins when dismantling ball joints, track-rod ends on track rods, for medium heavy goods vehicles, buses and construction vehicles.

129-3/-4






Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Better haptics through modern and ergonomic design.
- Self-alignment of the opposite legs by concave pressure spindle rails.
- Thanks to the pressure spindle adapters (screw adapter), an upgrade is possible at any time with the hydraulic spindle 800 to the hydraulic socket joint ejector element.
- Simple adjustment of clamping depths thanks to spring mechanism.
- Continuously adjustable clamping widths.

Art.-No.		 mm	 mm	für for	
129-3	-270949	31	70	mittlere LKW, Busse, Baufahrzeuge	
129-4	-271021	40	85	schwere LKW, Busse, Baufahrzeuge	

Ball joints extractor with short hydraulic spindle

ST

For extracting particularly tight ball pins when dismantling ball joints, track-rod ends on track rods, for medium-sized heavy goods vehicles, buses and construction vehicles.

129-H






Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Lubricating hydraulics.
- Hydraulic spindle.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Simple adjustment of clamping depths thanks to spring mechanism.
- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.

Art.-No.		 mm	 mm	max. t	für for	mit with	
129-3-H	-803253	31	70	10	mittlere LKW, Busse, Baufahrzeuge	800	
129-4-H	-803666	40	85	15	schwere LKW, Busse, Baufahrzeuge	801	



Adjustable ball joint extractors for heavy trucks

ST

For extracting tight-fitting ball pins when dismantling ball joints, track-rod ends on track rods, for medium-sized heavy goods vehicles, buses and construction vehicles.

129-5






Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Clamping width can be increased by simple conversion.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
129-5	-865084	36	70	mittlere und schwere LKW, Busse, Bau- und Sonderfahrzeuge	

Adjustable ball joint extractors with hydraulic ram for heavy trucks

ST

For extracting particularly tight-fitting ball pins when dismantling ball joints, track-rod ends on track rods, for heavy goods vehicles, buses and construction vehicles.

129-5-H






Description

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Lubricating hydraulics.
- Hydraulic spindle.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	für for	max. t	
129-5-H	-865091	36	70	mittlere und schwere LKW, Busse, Bau- und Sonderfahrzeuge	15	

Tie and connection rod joint puller for heavy trucks

ST

Used for extracting ball pins when dismantling ball joints on push and tie rods.

129-5-45






Description

- High performance is guaranteed by the extra-powerful design of the basic body and reinforced fork.
- The central spindle can be used to preload and adjust the extractor.
- Drive and central spindle of 2 different lengths.
- Suitable for the following motor vehicle types
- Mercedes Benz: ACTROS, ATEGO over 18 tonnes, SKO 405, -N,-GN (low-floor buses)

Advantage

- This extractor can be used both mechanically and with a hydraulic cylinder Series 129-5-45-H.
- Depending on the positioning requirements, the mechanical drive spindle can be converted for operation from above or below.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
129-5-45	-333316	35 - 45	120	schwere LKW's, Busse, Niederflurbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo	

**Tie and connecting rod joint puller with hydraulic lift cylinder****ST**

Used for hydraulic extraction of ball pins when dismantling ball joints on push and tie rods.




129-5-45-H

**Description**

- High performance is guaranteed by the extra-powerful design of the basic body and reinforced fork.
- Heavy duty version for hydraulic extraction and separation of the ball joints on the connecting rods and steering tie rods.
- Hydraulic cylinder.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The hydraulic extractors (129-5-45-H10 and 129-5-45- H20) are driven by a hydraulic cylinder, which ensures controlled and safe operations.
- They use the entire performance range of the puller, well beyond the possibilities of a mechanical pressure screw.

Art.-No.		 mm	 mm	max. t	für for	
129-5-45-H10	-333361	35 - 45	120	10	schwere LKW's, Busse, Niederflurbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo	
129-5-45-H20	-333422	35 - 45	120	20	schwere LKW's, Busse, Niederflurbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo	

TIP:

Not included in the delivery are the hydraulic pump **YHP-320** and the hose **YF-200**. **These are needed to operate the puller!**

Tie and connecting rod joint puller with hydraulic lift cylinder**ST**

Used for hydraulic extraction of ball pins when dismantling ball joints on connecting and steering tie rods, especially, for trucks and low-floor buses.




129-36

**Description**

- High performance is guaranteed by the extra-powerful design of the basic body and reinforced fork.
- Heavy duty version for hydraulic extraction and separation of the ball joints on the connecting rods and steering tie rods.
- The low design is especially well-suited for low-floor buses as supplied by MAN, Mercedes Benz, CITARO and others.
- Hydraulic cylinder.
- Strong design, high performance and long service life.

Advantage

- The hydraulic extractors are driven by a hydraulic cylinder, which ensures controlled and safe operations.
- They use the entire performance range of the puller, well beyond the possibilities of a mechanical pressure screw.

Art.-No.		 mm	 mm	max. t	für for	Bezeichnung description	
129-36-H	-222894	36	60	10	schwere LKW's, Niederflurbusse, speziell Citaro		
129-36	-865077	36	60	-	schwere LKW's, Niederflurbusse, speziell Citaro	Grundgerät / basic device	



Ball joint extractors

ST

For extracting ball pins when dismantling ball joints, track-rod ends on track rods, commercial vehicle sector.

128-G







Description

- Made from sturdy, alloyed, hardened and tempered steel, gun-metal finished.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	
128-G-3	-831324	30	6,5	19	
128-G-4	-831331	39	8,0	24	

Hydraulic bell-shaped drop arm puller

ST

With lubricated hydraulics.

128-G






hydraulic
TECHNOLOGY

Description

- Made from sturdy, alloyed, hardened and tempered steel, gun-metal finished.
- Lubricating hydraulics.
- Hydraulic spindle.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.		 mm	 mm	max. t	
128-G-6-H15	-341724	58	10	15	

Ball joints extractor for trucks „Universal“**ST**

For extracting particularly tight-fitting ball pins when dismantling ball joints, track-rod ends on track rods, for heavy goods vehicles, buses and construction vehicles. To loosen ball pin joints chocked in the conical lug.

129-6

**Description**

- Made from sturdy, alloyed, hardened and tempered steel, gun-metal finished.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Universal application as the delivery scope includes three different separator jaws.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.			für for	
129-6	-971662	24 - 32 - 47 mm	schweres Werkstattmodell	

Hydraulic hand pump, gauge and hoses**HY**

Y-ERS

**Description**






- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Advantage

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Art.-No.					max. t			
YHP-320	-045721	700 bar	900 Kubik- zentime- ter	23 mm	50	YF-200, YM-235		
YHP-321	-111198	700	900	23	50	-	YHP-320, YF-200	
YHP-324	-045806	700	900	23	50	-	YHP-320, YM-235	
YHP-325	-045981	700	900	23	50	-	YHP-320, YF-200, YM-235	
YHP-326	-046483	700	900	23	50	-	YHP-325	
YF-200	-045646	2 m Schlauch			YHP-320	-		
YM-235	-157769	700 bar Manometer			YF-200, YHP-320	-		
YGA-2	-458644	Adapter						



Art.- No.		 mm	 mm	 mm	 mm
720-028	-058714	2; 3; 4; 5; 6; 8	42; 44; 45; 48; 48; 49	11	150

Art.-No. 720-028

Pin drive set



Universal press frame for silent bushings

ST

For replacing bearings on front and rear axles without dismantling the axle, e.g. silent bearings, hydraulic supports, plastic bearings, supporting joints, absorber rubber.

880




Description

- Series is built on a modular system.
- Easy-to-replace individual components that can be combined in a number of different ways.
- Lubricating hydraulics.
- Hydraulic spindle.
- Milled thread treated with special coating.

Advantage

- Pressure pad sets available for a variety of vehicle types.
- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle extensions enable the unit to be adjusted quickly to a range of different requirements.
- Spindle head band prevents the wrench from slipping off.

Art.-No.		max. t	mit with	
880-800	-433689	10	800	
880-801	-433696	15	801	
880-802	-433702	20	802	

Pressure piece kits for universal press frame

ST

880



Description

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Pressure pad sets available for a variety of vehicle types.

Art.-No.		für for	Stück pieces	
880-114	-433610	DB W124; 201; 129	3	
880-137	-433627	BMW (3er); E36	4	
880-144	-433634	VW T4 (92)	4	
880-147	-433658	VW LT; DB Sprinter	4	





Displays

Displays

06

Merchandise.....**102**
Verkaufswand

Wall panels.....**102-105**
Wandtafeln

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Merchandise, automotive pullers

ST

For optimal display of Kukko tools in your business.

KFZ




Description

- More information about the products on this wall is provided on our website in the field **content**.
- Illuminated display.

Advantage

- The combination of tools is based on many years of user experience in various industries.
- Kukko supports the setup and training of your employees on the various products and pulling principles. Contact us for an individual consult.
- Labeling ensures simple replenishment of all distributed products.
- Complete easy-to-manage package.

Art.-No.	 4021176	
EVLW-1-KFZ	-487866	Fordern Sie ihr individuelles Angebot an! Demand your individual offer!

Merchandise, automotive pullers/ commercial vehicle sector

ST

For optimal display of Kukko tools in your business.

NFZ



Description

- More information about the products on this wall is provided on our website in the field **content**.
- Illuminated display.

Advantage

- The combination of tools is based on many years of user experience in various industries.
- Kukko supports the setup and training of your employees on the various products and pulling principles. Contact us for an individual consult.
- Labeling ensures simple replenishment of all distributed products.
- Complete easy-to-manage package.

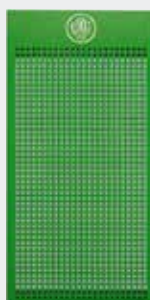
Art.-No.	 4021176	
EVLW-1-NFZ	-487873	Fordern Sie ihr individuelles Angebot an! Demand your individual offer!




Wall panel, blank

ST

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-000



Art.-No.	 4021176	 mm	 mm	
WT-000	-890550	500	1000	

Special-purpose passenger-car tools on wal panel

ST

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-006








Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		 mm	 mm	 mm	 mm	Stück pieces	
WT-006	-890598	95 - 200	100 - 170	18 - 22	7-22	11	

Universal truck tools „Basic set“ on wall panel

ST

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-008







Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		 mm	 mm	 mm	max. t	Stück pieces	
WT-008	-890604	200	150 - 200	22 - 115	10	11	

Universal „truck-chassis“ tools on wall panel

ST

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-009








Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		 mm	 mm	 mm	 mm	max. t	Stück pieces	
WT-009	-890611	150 - 350	150	30 - 34	22-36	7 + 10	14	



Pulling devices for heavy trucks „Basic set“ on wall panel

ST

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-010








Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.						max.	Stück pieces	
	4021176	mm	mm	mm	mm	t		
WT-010	-890628	250	200	22 - 115	36 - 40	8	10	

Universal passenger-car tools „Steering“ on wall panel

ST

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-014








Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.						max.	Stück pieces	
	4021176	mm	mm	mm	mm	t		
WT-014	-890635	120	100	12 - 75	18 - 30	10	10	

Universal tools „General engineering“ on wall panel

ST

For clean and orderly storage of various Kukko products in your workshop.

WT-016








Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

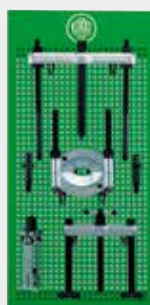
Art.-No.						max.	Stück pieces	
	4021176	mm	mm	mm	mm	t		
WT-016	-893483	200	150 - 300	22 - 115	12 - 46	10	14	

Special-purpose passenger-car tools on wall panel

ST

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-030






Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.				Stück pieces	
	4021176	mm	mm		
WT-030	-893490	25 - 155	56 - 110	6	

Special-purpose tools „SAF axles“ on wall panel

ST

For clean and orderly storage of various Kukko products in your workshop.

WT-031






Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		 mm	 mm	Stück pieces	
WT-031	-914584	134 - 350	380	5	

Universal puller set on wall panel

ST

For clean and orderly storage of various Kukko products in your workshop.

WT-50







Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		 mm	 mm	 mm	max. t	
WT-50	-951114	0 - 200	100 - 300	22 - 115	4,5-6	

Universal puller set on wall panel

ST

For clean and orderly storage of various Kukko products in your workshop.

30-20-T







Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		 mm	 mm	 mm	Stück pieces	
30-20-T	-875717	0 - 200	100 - 300	22 - 115	14	

Universal puller set on perforated plate

ST

For clean and orderly storage of various Kukko products in your workshop.

220-T






Description

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website in the field **content**.

Advantage

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		 mm	 mm	Stück pieces	
220-T	-778759	130 - 450	80 - 400	4	





Nut splitting

Muttersprengen

07

Double-edged, mechanic
nut splitters..... **108**

Zweischneidige, mechanische
Muttersprenger

Single-edged, mechanical
nut splitters..... **108**

Einschneidige, mechanische
Muttersprenger

Single-edged, grease hydraulic
nut splitters..... **109**

Einschneidige, fetthydraulische
Muttersprenger

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Double-edged, mechanic nut splitters

ST

For splitting tight or over-twisted nuts without damaging the bolt thread of quality grades 5, 6, 8 and 10.

54








Description

- Two hardened chisel cutting edges.
- Turn the chisel gently back in the other direction by pull back.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The nut splitter's band provides additional support when turning the chisel back.
- Chisel available as a replacement part, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.	4021176	 mm	 M	 mm	 mm	 K	
54-2	-170614	10-27	6-18	14	109	54-2-M	
54-3	-170799	17-36	12-24	16	134	54-3-M	
54-2-M	-253041	Ersatzmeißel				54-2	
54-3-M	-253126	Ersatzmeißel				54-3	

Single-edged, mechanical nut splitters

ST

For splitting tight or over-twisted nuts without damaging the bolt thread of quality grades 5, 6, 8 and 10.

55








Description

- Hardened chisel cutting edge.
- Turn the chisel gently back in the other direction by pull back.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The nut splitter's band provides additional support when turning the chisel back.
- Chisel available as a replacement part, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.	4021176	 mm	 M	 mm	 mm	 K	
55-0	-019906	4-10	M2-M6	8	58	55-0-M	
55-1	-020063	10-18	M6-M12	12	80	55-1-M	
55-2	-020148	19-27	M12-M18	14	105	55-2-M	
55-3	-020223	27-36	M18-M24	16	125	55-3-M	
55-4	-020308	32-50	M22-M33	26	203	55-4-M	
55-0-M	-252549	Ersatzmeißel				55-0	
55-1-M	-252624	Ersatzmeißel				55-1	
55-2-M	-252709	Ersatzmeißel				55-2	
55-3-M	-252884	Ersatzmeißel				55-3	
55-4-M	-252969	Ersatzmeißel				55-4	

Single-edged, grease hydraulic nut splitters

ST

For splitting particularly large tight or over-twisted nuts without damaging the bolt thread of quality grades 5, 6, 8 and 10.

56



56-1



56-2



56-3



Description

- Hardened chisel cutting edge.
- Turn the chisel gently back in the other direction by pull back.
- Hydraulic spindle.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Due to the hydraulics, only a little force is needed.
- Chisel available as a replacement part, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		mm	mm	mm	max. t	max. Nm		
56-1	-020483	7-24	18	167	-	60	56-1-M	
56-2	-020551	22-36	30	249	-	70	56-2-M	
56-3	-111501	27-36/46	37	210	21	50	56-3-M	
56-1-M	-253201	Ersatzmeißel					56-1	
56-2-M	-253386	Ersatzmeißel					56-2	
56-3-M	-111518	Ersatzmeißel					56-3	





Extractor

Ausdreher

08

Bolt extractors.....**112-114**
Schraubenausdreher

Stud extractors.....**114-115**
Stehbolzen-Ausdreher.

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10





Bolt extractors with drills and drill-guide

ST

to bore out worn bolts, etc.

49-U






Description

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- Product video on the product can be opened.

Art.-No.			 mm	
49-U-11	-799549	M5 - M7	3,2	
49-U-12	-799624	M8 - M9	4,8	
49-U-13	-799709	M10	6,4	
49-U-14	-799884	M12	8,0	
49-U-15	-799969	M14 - M16	8,7	

Bolt extractor set

ST

Universal set for boring out worn bolts, etc.

49-U-B






Description

- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.
- Strong design, high performance and long service life.

Advantage

- Practical package for universal use.
- Complete easy-to-manage package.
- KUKKO-L-Boxx-System compatible with systems by all common manufacturers.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- Product video on the product can be opened.

Art.-No.		 mm		Stück pieces	
49-U-B	-799136	M5 - M16	L-Boxx MINI	25	

Bolt extractors „Super Traction“

ST

To bore out worn bolts with right-hand thread, etc.

49-T





Description

- Chrome vanadium steel
- Square for operation with a tap spanner and an open-end spanner.

Advantage

- Narrow grooves offer better traction for convenient operation.

Art.-No.		 mm	
49-T-1	-758461	4 - 5	
49-T-2	-758539	5 - 7	
49-T-3	-758614	8 - 12	
49-T-4	-758799	12 - 14	
49-T-5	-758874	16 - 20	

Bolt extractor set „Super Traction“

ST

To bore out worn bolts with right-hand thread, etc., in a set.

49-T-A






Description

- Chrome vanadium steel
- Square for operation with a tap spanner and an open-end spanner.

Advantage

- Narrow grooves offer better traction for convenient operation.

Art.-No.		 mm	Stück pieces		
49-T-A	-758959	4 - 20	5	Kunststoff	

Bolt extractors, american shape with broad flutes

ST

To bore out worn bolts with right-hand thread, etc.

49





Description

- Chrome vanadium steel
- Square for operation with a tap spanner and an open-end spanner.

Advantage

- Wide grooves for soft materials, e.g. brass, aluminum, VA, etc.

Art.-No.		 mm	
49-01	-490569	3 - 6	
49-02	-490644	6 - 8	
49-03	-490729	8 - 11	
49-04	-490804	11 - 14	
49-05	-490989	14 - 18	
49-06	-491061	18 - 24	

Bolt extractor set, american shape with broad flutes

ST

To bore out worn bolts with right-hand thread, etc., in a set.

49-0-S





Description

- Chrome vanadium steel
- Square for operation with a tap spanner and an open-end spanner.

Advantage

- Wide grooves for soft materials, e.g. brass, aluminum, VA, etc.

Art.-No.		 mm	Stück pieces	
49-0-S	-491146	3 - 24	6	



Bolt extractors german, shape with narrow flutes

ST

To bore out worn bolts with right-hand thread, etc.

49





Description

- Chrome vanadium steel
- Square for operation with a tap spanner and an open-end spanner.

Advantage

- Fine grooves offer better traction for convenient operation.

Art.-No.		 mm	
49-1	-018008	3 - 6	
49-2	-018183	6 - 8	
49-3	-018268	8 - 11	
49-4	-018343	11 - 14	
49-5	-018428	14 - 18	
49-6	-018596	18 - 24	
49-7	-018671	24 - 33	
49-8	-018756	33 - 45	
49-9	-018831	45 - 52	
49-10	-239809	52 - 64	

Bolt extractor sets

ST

To bore out worn bolts with right-hand thread, etc., in a set.

49






Description

- Chrome vanadium steel
- Square for operation with a tap spanner and an open-end spanner.

Advantage

- Fine grooves offer better traction for convenient operation.

Art.-No.		 mm	Stück pieces		
49-A	-018916	3 - 18	5	Kunststoff	
49-B	-019098	3 - 24	6	Kunststoff	
49-C	-019173	3 - 45	8	Kunststoff	

Stud pullers with internal serration

ST

For boring out stud bolts or torn parts.

50






Description

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- While being bored out, the stud bolt is located in the key area and cannot break off.

Art.-No.		 mm	 mm	
50-1	-019258	5 - 10	17	
50-2	-019333	8 - 19	27	
50-3	-019418	18 - 25	36	

Stud pullers set for confined spaces

ST

For boring out stud bolts or torn parts in a set.

53







Description

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Use in cramped spaces.

Art.-No.		 mm	 mm	Stück pieces		
53	-342233	6; 8; 10; 12	21	4	Kunststoff	

Stud pullers with internal serration

ST




For boring out stud bolts or torn parts.

51



Description

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Art.-No.		 mm	 mm	
51-1	-019586	5 - 10	19	
51-2	-019661	8 - 19	19	
51-3	-019746	18 - 25	19	

Stud puller with extra wide working range

ST




For boring out stud bolts or torn parts.

52



Description

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Art.-No.		 mm	 mm	
52	-019821	5 - 19	19	

Stud pullers for confined spaces

ST

For boring out stud bolts or torn parts.

53






Description

- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Extra large working range.
- Use in cramped spaces.

Art.-No.		 mm	 mm	
53-5	-137860	5	21	
53-6	-342318	6	21	
53-7	-866234	7	21	
53-8	-342493	8	21	
53-10	-342561	10	21	
53-12	-342646	12	21	
53-14	-984563	14	27	
53-16	-388774	16	27	
53-18	-137846	18	36	
53-20	-745591	20	36	
53-22	-971082	22	36	
53-24	-966774	24	36	
53-30	-966781	30	46	





Automotive special

Automotive Spezial

09

Thread repair..... **118**
Gewindereparatur

Tools for removal of axles..... **119**
Werkzeuge für den
Ausbau von Achsen

Tools for exhaust systems..... **119**
Werkzeuge für Auspuffanlagen

Tools for brake systems..... **120**
Werkzeuge für Bremsanlagen

Spring compressor..... **121-122**
Federspanner

Tools for piston rings..... **122-123**
Werkzeuge für Kolbenringe

Steering wheel pullers..... **123-124**
Lenkradabzieher.

Oil filter wrench..... **125-126**
Ölfilterschlüssel

Hub and rim puller..... **126-129**
Radnaben- und Felgenabzieher

Tools for exchanging wipers..... **130**
Werkzeuge für
Scheibenwischeraustausch

Others Automotive..... **131-137**
Sonstiges Automotive

01

02

03

04

05

06

07

08

09

10





KUKKO Thread Repair Set

For producing heavy-duty screw joints for distorted interior threading.

K-58








Description

- Fully-equipped with drill holder, 4 drills, 4 cutters, 4 thread cutters, 4 insertion tools and organic multi-oil spray.
- For metric threads M5, M6, M8 and M10.
- The original insert sleeve from the USA is made from a solid steel bushing manufactured from whole material.
- Instructions on the cover.
- Secure storage in special foam.

Advantage

- The shape of the bushing prevents unscrewing.
- The bond eliminates the need for additional mounting in the workpiece and provides stability without extra space requirement.
- Also capable of repairing short and small threads.
- The synchronous threading also enables thin wall thicknesses to be repaired.
- Thread Repair can do more than just repairs, it can also be used as a fully functional thread in new workpieces (during a production process).

Art.-No.		 mm	 mm	 mm	 Stück	
K-58-M05-M10	-038853	M5 -M10	0,8 - 1,0	7,6 - 15	8x5	

KUKKO Thread Repair System in the TANOS® - Systainer

For producing heavy-duty screw joints for distorted interior threading.

58








Description

- The original insert sleeve from the USA is made from a solid steel bushing manufactured from whole material.
- Instructions on the cover.
- Secure storage in special foam.
- Personal KUKKO-Chip-Code.
- Strong design, high performance and long service life.

Advantage

- The shape of the bushing prevents unscrewing.
- The bond eliminates the need for additional mounting in the workpiece and provides stability without extra space requirement.
- Also capable of repairing short and small threads.
- The synchronous threading also enables thin wall thicknesses to be repaired.
- Thread Repair can do more than just repairs, it can also be used as a fully functional thread in new workpieces (during a production process).

Art.-No.		 mm	 mm	 mm	 Stk./pcs.	
58-UNC10	-690419	10" 10"	24 Gang 24 Gang	0,30 0,37	5 5	
58-UNC12	-690518	1/2" 1/2"	13 Gang 13 Gang	0,65 1,00	5 5	
58-UNC14	-690617	1/4" 1/4"	20 Gang 20 Gang	0,38 0,50	5 5	
58-UNC38	-690716	3/8" 3/8"	16 Gang 16 Gang	0,52 0,75	5 5	
58-UNC58	-690921	5/8" 5/8"	11 Gang 11 Gang	0,85 1,25	5 5	
58-UNC516	-690815	5/16" 5/16"	18 Gang 18 Gang	0,45 0,62	5 5	
58-UNC716	-691027	7/16" 7/16"	14 Gang 14 Gang	0,60 0,87	5 5	
58-UNC916	-695025	9/16" 9/16"	12 Gang 12 Gang	0,75 1,12	5 5	



Pulling device

ST

For removing hubs on SAF and BPW axes for cars and commercial vehicles

226



226-4/11





K-226-4/12

Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.






Art.-No.		für for	max. t	mit with		
226-4/11	-831362	Sauer. BPW, Bergische Achsen	-	-	-	
K-226-4/12	-035753	Sauer. BPW, Bergische Achsen	15	9-2	Kunststoff	

Flang type axle puller

ST

230

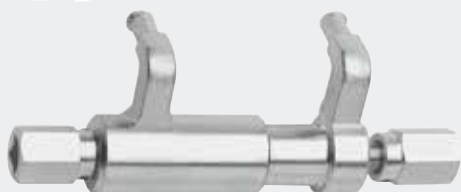



Art.-No.						
		mm	mm	mm	mm	
230	-031038	4-14	100	150	265	
230-S	-893377	4-14	100	150	-	

Clamp spring spreader for VW-exhaust system

ST

119




Art.-No.		für for	
119-0	-248368	VW	

Set of clamp spring tension wedges for VW-exhaust system

ST

119



Art.-No.		für for	
119-1	-365904	VW	

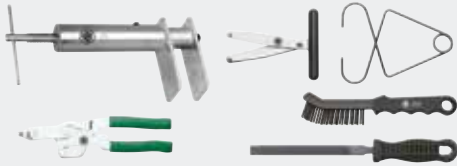


Brake caliper tools set

ST

For quick, timesaving repair.

126





Description

- Pulling hook for brake linings.
- Piston resetting equipment for controlled, damage-free and tilt-free resetting of the pistons on disc brakes in cars, motorcycles and trucks with fixed-caliper disc brakes.
- Brake piston bracket allows the reset brake pistons to be held in place during installation and removal of the brake caliper with the brake hose connected.
- Piston turning pliers, for accurate adjustment of the piston heel with disc brakes and to screw the piston back in brake calipers with integrated parking brake.
- Brake caliper brush to clean the brake caliper from brake wear when replacing the coverings.

Advantage

- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.			Stück pieces	
126-10	-534966	126-00, 126-01, 126-02, 126-03, 126-04, 127	6	

Disk brake pad remover

ST

123





Description

- Safety label to ensure protection of intellectual property.
- Self-healing corrosion protection KUKKCoating for galvanized parts.

Advantage

- The tool allows the removal of stuck brake pads from the fixed caliper of disc brakes.

Art.-No.		Bezeichnung description	 mm	
123	-270789	Mercedes		
123-2	-431586	Vierkant	400 x 14	
123-3	-804243	Sechskant	400 x 17	

2-arm puller for brake linkage adjusters

ST

For removing particularly tight ball bearings, bearing rings and workpieces.

204-30






Description

- Note: Pressure pads from series 600-17 are a good addition if the shaft is hollow and the spindle cannot be supported.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Clamps increase the pressure of the hooks significantly and prevent the puller from slipping.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	
204-30	-914379	150	140	für Achsen an LKW-Anhängern	



Spring compressors set Daimler

ST

KS-63-1/5



Art.-No.				
KS-63-1/5	-800009	63-1, 63-1-A, 63-1-B	Kunststoff	

Spring compressors „All in one“

ST

For approx. 90% of all vehicles.

64



Description

- With non-slip polyurethane inserts, all popular McPherson springs used in the automotive industry that have a diameter of 80-200 mm can be expanded.
- Springs of all sizes, slopes and shapes fit properly under heavy loads in the polyurethane layer.
- Polyurethane is extremely wear-resistant and is known for its property of being able to return to its original shape after deformation.
- Safety label to ensure protection of intellectual property.
- Strong design, high performance and long service life.

Advantage

- Safer and easier expansion of spring struts, for almost 90% of all passenger cars.
- Large, easy to use and ergonomic rotary handle for quick and easy adjustment of the spring jaws by hand.
- You don't need to purchase additional spring holders or adapters for most cars.
- Suitable for impact wrenches
- Adaptive system for normal, conical and ball springs regardless of length and shape with vise terminal strip.

Art.-No.				max.	
		mm	mm	t	
64-1	-987281	80 - 200	40 - 396	2,5	

Spring compressor „Universal“

ST

For expansion of bolt springs.

65



Description

- Connecting bracket is adjustable.

Advantage

- Does not take up much space.

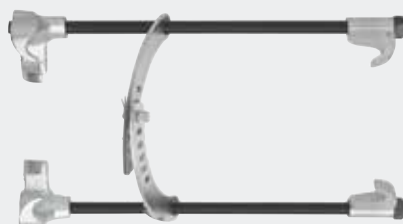
Art.-No.				max.	
		mm	mm	t	
65-0	-020636	110 - 180	100 - 200	2	
65-1	-020711	110 - 180	100 - 300	2	
65-2	-020896	110 - 180	100 - 400	2	

Spring compressor „MacPherson“

ST

For expansion of bolt springs.

66



Description

- Connecting bracket is adjustable.
- Item 66-3 consists of the spring compressor item 66-2 and two additional, short thread rods.

Advantage

- Does not take up much space.

Art.-No.				max.	
		mm	mm	t	
66-1	-020971	110 - 180	100 - 250	2,5	
66-2	-170201	110 - 180	100 - 400	2,5	
66-3	-170386	110 - 180	100 - 400	2,5	



Set of spring compressors

ST

For safe and easy expansion of McPherson spring struts up to 2.5 t.

67







Description

- Two standard spring holder sets included
- Integrated protective jaw made of high-tech durable polyurethane.
- Powder-coated surface to protect the springs.
- Safety label to ensure protection of intellectual property.
- Strong design, high performance and long service life.

Advantage

- Safer and easier expansion of spring struts, for almost 90% of all passenger cars.
- Large, easy to use and ergonomic rotary handle for quick and easy adjustment of the spring jaws by hand.
- Two standard spring holder sets - easily replaceable and secured with strong bolts.
- Increased safety with safety mounts that hold the spring tightly during compression.

Art.-No.		 mm	 Stück	max. t		
67-2	-924286	80 - 195	2+2	2,25	67-01, 67-02	

Jaws

ST




As accessories for the spring compressor set series 67.

67



Advantage

- For safe and easy expansion of McPherson spring struts up to 2.5 t.

Art.-No.		 mm	 Stück	für für	
67-01	-076527	80 - 145	1	-	
67-02	-076534	145 - 195	1	-	
67-03	-076541	140 - 170	1	-	
67-04	-076558	180 - 230	1	-	
67-05	-076565	80 - 120	1	-	
67-06	-076572	80 - 145	1	-	
67-07	-099465	-	1	BMW E39/46; Renault Megane II; Toyota Avensis	
67-08	-924514	-	1	Mercedes C-Klasse Type 203	
67-09	-924521	-	1	Mercedes E-Klasse Type 211, Renault Megane II	
67-10	-924538	-	2	Peugot Break; Citroen C15	
67-12	-924552	-	1	Chrysler Grand Voyager	




Piston ring compressor

ST

For tensioning the piston rings when mounting the pistons in the cylinder.

100



Art.-No.		 mm	 mm	
100-0	-428203	40 - 75	50	
100-1	-022203	57 - 125	80	
100-2	-022388	90 - 175	80	
100-3	-022463	90 - 175	165	






Piston ring spreaders

For spreading the piston rings.

101



Art.-No.		 mm	 mm	
101-1	-022531	50 - 100	200	
101-2	-022616	90 - 150	240	

Piston pin driver

For gentle insertion and removal of the piston pins.

102





Description

- Item 102-0 with two additional pressure pads.
- Item 102-1 with three additional pressure pads.

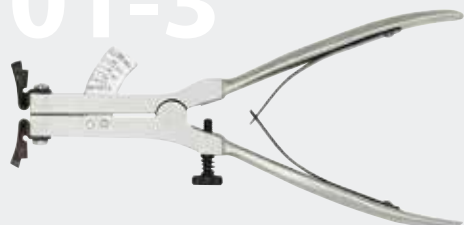
Advantage



- Pistons will not be damaged.

Art.-No.		 mm	
102-0	-170874	38	
102-1	-022791	100	

Universal piston ring spreader

101-3



Art.-No.		 mm	
101-3	-974489	60 - 140	

Hub and rim puller

31






Description

- Particularly strong design for the strongest loads.
- Safety label to ensure protection of intellectual property.

Advantage

- Exchangeable inlay rings.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	
31-1	-013881	30-60	22	
31-2	-013966	80-90	22	



Steering wheel puller for steering wheel with spokes

ST

32






Description

- For steering wheels with three or four spokes
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- With one tensile ring each in 100 and 150 mm diameter for steering wheels with three or four spokes
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	
32-1	-014048	100	17	
32-2	-014123	120	19	

Hub and rim puller

For cars with narrow puller slits.

ST

33







Description

- One pair of short puller hooks for sports steering wheels.
- One pair of long puller hooks for standard steering wheels.
- Safety label to ensure protection of intellectual property.

Advantage

- Cap for protection of the thread in the steering column.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	 mm	für for	
33	-014208	50 - 150	90 - 130	17	Opel	

Hub and rim puller

For universal application with steering wheels with large puller slits.

ST

34



34-0




34-1

Description

- Model 34-0 with one pair of short puller hooks (87 mm)
- Model 34-1 with one pair of short puller hooks (87 mm) and one pair of long puller hooks (135 mm)
- Safety label to ensure protection of intellectual property.

Advantage

- Cap for protection of the thread in the steering column.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	für for	Bezeichnung description	
34-0	-865879	35-90	17	GM 3/Opel	GM 3 / Opel	
34-1	-865886	35-90	17	Universal		




Strap wrench

ST

104





Art.-No.		Ø	
104	-023606	mm 180	

Chain wrench

ST

104



Art.-No.		Ø		
104-32	-790751	mm 0-110	mm 24	

Tools for piston rings

ST

To disconnect the oil filter and other round screwed joints.

105




105-0

105-1

Description

- Steel tape is adjustable.
- Item 105-0 with rugged handle grip for quick application.
- Item 105-1 with space-saving square drive for working in the tightest spaces.

Art.-No.		Ø	
105-0	-023866	mm 70-110	
105-1	-175749	70-110	

Tools for piston rings

ST

To disconnect the oil filter and other round screwed joints.

108



108-1

108-2





108-3

Description

- Extremely strong and rugged oil filter claws.
- Designs with profile claw.
- Drive via external hexagon or square drive (female).

Advantage

- Universal use also in hard-to-reach places.

Art.-No.		Ø				
108-1	-760426	mm 60-100	mm 10	mm 12,5	mm 21	
108-2	-965487	65-120	10	12,5	21	
108-3	-967900	90-140	12,5	12,5		



Universal hub puller

For cars and trucks with 250 mm bolt circle.

38







Description

- Safety label to ensure protection of intellectual property.
- Strong design, high performance and long service life.

Advantage

- Protection of the wheel studs with the movable nut pocket.
- Short hydraulic spindle series 800 for simple work can also be used as an option.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 Stück	 mm	
38	-014383	250	5	27	

Universal hub puller, impact-/shock design

For cars and trucks with 225 mm bolt circle.

40







Description

- Safety label to ensure protection of intellectual property.
- Strong design, high performance and long service life.

Advantage






- The spindle runs in an axially moveable mounted threaded bushing, if the spindle head needs to be pounded to loosen the wheel hub.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 Stück	Bezeichnung description		
40-3	-014611	225	3			
40-5	-014956	225	5			
40-3-1	-014796			Abzugha- ken	40-3, 40-5	
40-3-8	-014871			Schlag- schlüssel	38, 40-3, 40-5	

Hydraulic hub puller

10-A







Art.-No.		 mm	 mm	 Stück	max. t		
10-A	-005626	150	250	6	20	L-Boxx	
10-G	-005701	150	250	7	20	L-Boxx	

Hub puller

ST

10-M



Art.-No.					max.	
		mm	mm	Stück	t	
10-M	-862311	150	350	6	15	

Universal slide hammer devices

ST

With an extractor claw for ball joints and work on the vehicle body.

229






Description

- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Extra heavy, with 5 kg impact weight.
- Can be combined with series 229 for disassembly of the wheel hub.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.				
		mm		
229-1	-995002	340	22-0-2, 229-01	
229-1-2	-545733	340	22-0-2, 229-03	

Hub puller

ST

For pulling all 4 and 5-hole hubs on almost all passenger car models.

229





Description

- The flange is equipped with variable spaced slits for standard screw use.
- For pulling all 4 and 5-hole hubs for VW, Audi, Seat, Skoda, Opel, Volvo, Fiat, Renault etc.

Advantage

- Also for extracting drive shafts for vehicles with front wheel drive.
- This puller can be driven by the 22-0-2 slide hammer instead of the hydraulic spindle.




Art.-No.		max.		Stück pieces	
		t			
229-2	-995026	10	229-1		
229-3	-995033	15	229-1		
229-03	-117336				
229-3/20	-229329			20	
229-100	-995019				



Y-60-100

Hydraulic wheel puller

ZF A, B and C-Axes (type AV132)RL 75 E, RL 75 EC

Art.- No.			max. t	
Y-60-100	-356780	M16; M18; M20	30	YHP-321







Universal whiper-arm puller

For pulling tight-fitting, rusted and deep-set windscreen washer jaws.

128-F-SW






Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Suitable for front and rear wipers with the washing fluid hose passing through the hub.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	
128-F-SW	-971242	60	50	

ST

Universal wiper arm puller

For pulling tight-fitting, rusted and deep-set windscreen washer jaws.

142








Description

- The one-piece bell-shaped design fits on all VW, Audi, Seat, Skoda and other models.
- Shaped for optimal fit with all commonly used types of wiper jaws.

Advantage

- Windshield wiper jaws can be pulled without removing the bonnet.
- The threaded spindles are guided by a movable bush, which allow the puller to be fitted to the edge of the arm at the start and in the middle at the end of the removal process.
- Special threads enable especially high pulling forces.
- Solid, single-piece milled body for high strength.
- No damage to wiper arm, shaft, etc.

Art.-No.		 mm	 mm	 mm	 mm	
142-1	-555572	15	64,5	2,5	47,5	
142-2	-555602	23,5	65	3	48	
142-3	-555619	15	46	2,5	29	
142-4	-555626	26,5	30	5	16	

ST

Universal wiper arm puller sets

General purpose set used for pulling tight-fitting, rusted and deep-set windscreen washer jaws.

K-142



K-142-4



K-142-6









AUTOGRIP
TECHNOLOGY

Description

- The one-piece bell-shaped design fits on all VW, Audi, Seat, Skoda and other models.
- Shaped for optimal fit with all commonly used types of wiper jaws.
- Instructions on the cover.
- Secure storage in special foam.
- Mechanical pressure screw.

Advantage

- Windshield wiper jaws can be pulled without removing the bonnet.
- The threaded spindles are guided by a movable bush, which allow the puller to be fitted to the edge of the arm at the start and in the middle at the end of the removal process.
- Special threads enable especially high pulling forces.
- Solid, single-piece milled body for high strength.
- No damage to wiper arm, shaft, etc.

Art.-No.		 mm	 mm	 mm	 mm	 mm	 mm		Stück pieces	
K-142/4	-039232	60	50	15 - 26,5	30 - 64,5	2,5 - 5	16 - 47,5		4	
K-142/6	-039249	60	50	15-26,5	30-64,5	2,5-5	16-48	142-1, 142-2, 142-3, 142-4, 128-F-SW, 43-1	8	

ST







2-arm puller

ST

20



Art.-No.		 mm	 mm	 mm	max. t	
20-10-V	-907944	120	100	17	4,5	

Spring compressor

ST

For removing battery terminals.

48






Description

- One-hand automatic system.
- Thin pulling hooks.
- Automatic self-tensioning and self-centering pulling hooks auto grip.
- Two-arm design for space-saving operation.
- Mechanical pressure screw.

Advantage

- The one-hand automatics allow for safe work even in tight spaces.
- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.		 mm	 mm	
48	-170539	60	40	



Puller for cam wheels (VW/Audi)

ST

For removing the spoke camshaft sprockets.

118




Description

- Four special pulling claws.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

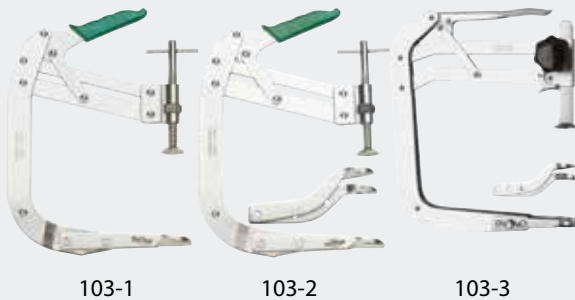
Art.-No.		für for	
118-0	-860904	TDI (4-6-8 Zyl., V6, V8	
118-1	-989636	FSI; 2 Liter	

Tools for exhaust systems

ST



For head-controlled motors.

103



Description

- Item 103-1 designed with straight claws.
- Item 103-2 and 103-3 designed with straight and curved claws.
- Item 103-3 for used in large cars and delivery vans.


Art.-No.		 mm	
103-1	-022876	60 - 230	
103-2	-022951	40 - 230	
103-3	-023378	115 - 290	

Clipping device for fluid hoses

ST

116



Art.-No.		Ø mm	
116-20	-971631	5-20	

2-jaw puller for vibration dampers with quick adjusting jaws

ST

124



Description

- Pulling hook with quick adjusting capability quick adjust.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.
- Mechanical pressure screw.

Advantage

- Can be installed on various pulling hooks.
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Spindle head band prevents the wrench from slipping off.
- Cross-beam with hexagonal profile for good grip.
- Suitable for pulling asymmetric workpieces.

Art.-No.		 mm	Bezeichnung description	
124-20-A	-985140	200	VW T4; VAG Transporter (96)	
124-20-B	-985157	225	VW T4; VAG Transporter (96)	
124-20-U	-985164	45 - 200	universal	

Passenger car V-belt pulley set for all passenger car types

ST

124-K



Description

- Two-arm design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- Spindle head band prevents the wrench from slipping off.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

Art.-No.				
124-K	-736841	mm	mm	

Detaching tool for car-door inside panel

ST

134



Art.-No.				
134	-975981	mm	mm	

Deflection tool for injectors

ST

230-I



Art.-No.			für for	
230-I	-977626	mm	MB CDI	

Dust cover inserter and extractor with slide hammer and self-centering jaws

ST

225



Art.-No.				
225-SK	-324215	mm	mm	







Dust cover inserter and extractor with self-centering jaws

ST

225



AUTOGRIP
TECHNOLOGY

Art.-No.	 4021176	 mm	 mm		
225-1	-123405	30 - 50	25	22-0-1, 22-2	
225-2	-123412	50 - 70	25	22-0-1, 22-2	
225-3	-123429	70 - 90	30	22-0-1, 22-2	

Chain splitting and riveting tool

For splitting and riveting single strand roller chains.

59







Description

- 14-parts for single strand roller chains per DIN 8187 and a bolt diameter of 3.28 – 5.72 mm, for splitting and riveting of single strand chains, e.g. for motorcycles
- For single strand roller chains per DIN 8187 and a bolt diameter of 3.28 – 5.72 mm
- The frame of the motorcycle (frame, swing arm) often makes it necessary to separate the chain directly on the vehicle. Use of „inappropriate“ tools such as screwdrivers or something similar is very likely to result in injury.

Advantage

- Set includes a pressure adapter to properly adjust the distance of the riveting bolts. This ensures there is never too much pressure on the chain during attachment.

Art.-No.	 4021176	 mm		Stück pieces		
K-59-1/14	-412851	3,28 - 5,72	59-1, 59-1-1, 59-1-2, 58-1	14	i-Boxx	



Inductive heater

ST

For the maintenance and servicing of alternators and ignition systems.

98



98-1




98-2

Description

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.			 L mm	
98-1	-433719	M27x1,0	55	
98-2	-433733	M26x1,5; M22x1,5	55	

Bolt hole puncher

ST

For uniform, deformation-free punching of sheet metal, such as steel, V2A, copper and aluminum.

121





Description

- Guaranteed long service life
- Material thickness up to max. 4 mm
- Special grade tool steel, burnished
- Strong design, high performance and long service life.

Advantage

- Ideal for hard to reach places, such as in switch cabinets, junction boxes, instrument panels, sinks basins, vehicle bodies

Art.-No.		 Ø mm	
121-182	-831379	18,2	
121-190	-079092	19	
121-260	-831386	26	
121-266	-403187	26,6	
121-319	-403194	31,9	
121-326	-403200	32,6	
121-389	-403224	38,9	



Slogging spanners (~DIN 7444)

ST




For use in commercial vehicles, the pipe industry, tank cleaning, the petrochemical industry, steel construction, mining, etc.

Description

- Design according to DIN 7444
- Strong design, high performance and long service life.

Advantage

- Up to 480 mm length, made of chrome vanadium steel.
- Width across flats up to 120.

Art.-No.	 4021176	 mm	 mm	
406-24	-856549	24	160	
406-27	-856624	27	180	
406-30	-856709	30	190	
406-32	-856884	32	195	
406-34	-904431	34	195	
406-36	-856969	36	205	
406-38	-865961	38	205	
406-41	-857041	41	225	
406-46	-857126	46	240	
406-50	-857201	50	250	
406-55	-857386	55	270	
406-60	-857461	60	270	
406-65	-857539	65	290	
406-70	-857614	70	320	
406-75	-857799	75	325	
406-80	-857874	80	345	
406-85	-857959	85	360	
406-90	-858031	90	400	
406-95	-858116	95	400	
406-100	-858291	100	400	
406-105	-858376	105	435	
406-110	-858451	110	435	
406-115	-858529	115	435	
406-120	-858604	120	480	

406





Open-end slogging spanners (~DIN 133)

ST

For use in commercial vehicles, the pipe industry, tank cleaning, the petrochemical industry, steel construction, mining, etc.

133






Description

- Design according to DIN 133
- Strong design, high performance and long service life.

Advantage

- Up to 525 mm length, made of chrome vanadium steel.
- Width across flats up to 120.

Art.-No.	 4021176	 mm	 mm	
133-24	-865213	24	160	
133-27	-854804	27	180	
133-30	-854989	30	190	
133-32	-855061	32	195	
133-34	-904394	34	195	
133-36	-855146	36	210	
133-41	-855221	41	225	
133-46	-855306	46	255	
133-50	-855481	50	280	
133-55	-855559	55	310	
133-60	-855634	60	320	
133-65	-855719	65	350	
133-70	-855894	70	370	
133-75	-855979	75	400	
133-80	-856051	80	405	
133-85	-856136	85	405	
133-90	-856211	90	455	
133-95	-856396	95	455	
133-100	-856471	100	500	
133-105	-865176	105	500	
133-110	-865183	110	500	
133-115	-865190	115	525	
133-120	-865206	120	525	



10

All-steel clamps.....	140
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All steel clamp VIRIDIS with 3K comfort handle

For pressing and clamping several workpieces.

469+






Description

- Tension power of up to 5,000 N.
- 3-part handle.
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.
- Fixed clamp treated with cold-formed sectional steel.

Advantage

- 3-part handle for maximum transfer of force, even when hands are wet or greasy.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.		 mm	 mm	
469+0100-050	-018658	100 x 50	11,5 x 5,7	
469+0200-050	-019334	200 x 50	11,5 x 5,7	
469+0300-050	-020804	300 x 50	11,5 x 5,7	
469+0120-060	-018726	120 x 60	13,5 x 6,5	
469+0200-060	-019716	200 x 60	13,5 x 6,5	
469+0300-060	-020842	300 x 60	13,5 x 6,5	
469+0160-080	-018771	160 x 80	16 x 7,5	
469+0200-080	-020156	200 x 80	16 x 7,5	
469+0300-080	-020910	300 x 80	16 x 7,5	
469+0400-080	-021832	400 x 80	16 x 7,5	
469+0200-100	-020224	200 x 100	19,5 x 9,5	
469+0250-100	-020392	250 x 100	19,5 x 9,5	
469+0300-100	-021078	300 x 100	19,5 x 9,5	
469+0400-100	-021900	400 x 100	19,5 x 9,5	
469+0250-120	-020460	250 x 120	22 x 10,5	
469+0300-120	-021214	300 x 120	22 x 10,5	
469+0300-140	-021764	300 x 140	25 x 12	
469+0400-120	-021986	400 x 120	25 x 12	
469+0500-120	-022068	500 x 120	25 x 12	
469+0600-120	-022204	600 x 120	25 x 12	
469+0800-120	-022372	800 x 120	27 x 13	
469+1000-120	-022419	1000 x 120	27 x 13	
469+1250-120	-022518	1250 x 120	27 x 13	
469+1500-120	-022525	1500 x 120	27 x 13	

All steel clamp quick lever VIRIDIS

For fast and effortless clamping of several workpieces with high clamping pressure.

472






Description

- Tension power of up to 8,000 N.
- Lever handle
- Fixed clamp treated with cold-formed sectional steel.
- Hardened sliding arm, die-forged.

Advantage

- Larger power reserves thanks to streamlined rail profile for an even application of clamping forces, particular when the clamping width is working at full capacity.
- Up to 5 times faster than standard clamps.
- Self-locking, not affected by vibrations.
- Release lever with non-slip protection.

Art.-No.		 mm	 mm	
472H0120-060	-029302	120 x 60	13,5 x 6,5	
472H0160-080	-030292	160 x 80	16 x 7,5	
472H0200-100	-030360	200 x 100	19,5 x 9,5	
472H0250-120	-030438	250 x 120	22 x 10,5	
472H0300-140	-030506	300 x 140	25 x 12	
472H0400-120	-030674	400 x 120	25 x 12	
472H0500-120	-030742	500 x 120	25 x 12	
472H0600-120	-030810	600 x 120	25 x 12	
472H0800-120	-030988	800 x 120	27 x 13	
472H1000-120	-031046	1000 x 120	27 x 13	

Malleable cast iron clamp VIRIDIS with 3K comfort handle




For pressing and clamping several workpieces.

490+**Description**

- Tension power of up to 6,000 N.
- 3-part handle.
- E-coating.
- Label with information regarding clamping span.
- Pressure plate with integrated spindle lock.

Advantage

- 3-part handle for maximum transfer of force, even when hands are wet or greasy.
- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Soft plastic protective caps to protect sensitive surfaces on workpieces.

Art.-No.		 mm	 mm	
490+0100-050	-034498	100 x 50	15 x 5	
490+0150-050	-034634	150 x 50	15 x 5	
490+0200-050	-034870	200 x 50	15 x 5	
490+0120-065	-034566	120 x 65	22 x 6	
490+0200-065	-487201	200 x 65	22 x 6	
490+0300-065	-035488	300 x 65	22 x 6	
490+0160-080	-034702	160 x 80	22 x 6	
490+0200-080	-035006	200 x 80	22 x 6	
490+0250-080	-035211	250 x 80	22 x 6	
490+0300-080	-035556	300 x 80	22 x 6	
490+0400-080	-035846	400 x 80	22 x 6	
490+0200-100	-035174	200 x 100	30 x 8	
490+0250-100	-035242	250 x 100	30 x 8	
490+0300-100	-035594	300 x 100	30 x 8	
490+0400-100	-035853	400 x 100	30 x 8	
490+0500-100	-036300	500 x 100	30 x 8	
490+0250-120	-035310	250 x 120	30 x 8	
490+0300-120	-035600	300 x 120	30 x 8	
490+0400-120	-036096	400 x 120	30 x 8	
490+0500-120	-036478	500 x 120	30 x 8	
490+0600-120	-036782	600 x 120	30 x 8	
490+0800-120	-037086	800 x 120	30 x 8	
490+1000-120	-037604	1000 x 120	30 x 8	
490+0300-140	-035617	300 x 140	35 x 9	
490+0400-140	-036164	400 x 140	35 x 9	
490+0500-140	-036546	500 x 140	35 x 9	
490+0600-140	-036850	600 x 140	35 x 9	
490+0800-140	-037154	800 x 140	35 x 9	
490+1000-140	-037772	1000 x 140	35 x 9	
490+0400-175	-036232	400 x 175	35 x 9	
490+0500-175	-036614	500 x 175	35 x 9	
490+0600-175	-036928	600 x 175	35 x 9	
490+0800-175	-037222	800 x 175	35 x 9	
490+1000-175	-487218	1000 x 175	35 x 9	

All steel vises

For clamping workpieces.

520



Description

- Gun-metal finished threaded key.
- Adjusting screws.
- Opens to the front.

Advantage

- Available in the colors blue, red and anthracite.

Art.-No.			 mm	 mm	
520-080	-609474	blau	80	100	
520-100	-609542	blau	100	120	
520-125	-609627	blau	125	140	
520-150	-609702	blau	150	150	
520-175	-609887	blau	175	175	
520-100-R	-997090	rot	100	120	
520-125-R	-455668	rot	125	140	
520-150-R	-455880	rot	150	150	
520-175-R	-035808	rot	175	175	
520-100-G	-997083	grau	100	120	
520-125-G	-759865	grau	125	140	
520-150-G	-056179	grau	150	150	
520-175-G	-759872	grau	175	175	

Parallel vises

For clamping workpieces.

525







Description

- Made of forged steel.
- Induction-hardened, knurled jaws and smoothed surfaces.
- Gun-metal finished threaded key.
- Induction-hardened and smoothed anvil.
- Induction-hardened and smoothed sliding parts.

Advantage

- Replaceable pipe clamping jaws.
- Available in the colors blue, red and anthracite.

Art.-No.			 mm	 mm	
525-100	-925185	blau	100	125	
525-125	-925192	blau	125	150	
525-150	-925208	blau	150	200	
525-175	-925215	blau	175	220	
525-100-R	-455675	rot	100	125	
525-125-R	-178796	rot	125	150	
525-150-R	-813468	rot	150	200	
525-175-R	-831332	rot	175	220	
525-100-G	-035815	grau	100	125	
525-125-G	-096991	grau	125	150	
525-150-G	-097028	grau	150	200	
525-175-G	-097042	grau	175	220	

Rotating plate for vise



Can be combined with series 525 and series 520.

525



Description

- Made of forged steel.
- Induction-hardened steel.

Art.-No.			
525-102	-928995	525-100	
525-127	-929015	525-125	
525-152	-929039	525-150	
525-177	-929053	525-175	



Pipe clamping jaws, replaceable

For clamping round workpieces.

525

**Description**

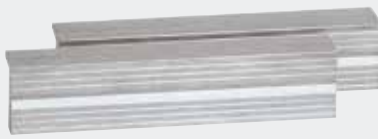
- Made of forged steel.
- Induction-hardened steel.



Art.-No.			
525-101	-928988	525-100	
525-126	-929008	525-125	
525-151	-929022	525-150	
525-176	-929046	525-175	

Vise jaws with magnetic strips, aluminum, smooth

Can be combined with series 525 and series 520.

545





Art.-No.		 mm	
545-080	-929060	80	
545-100	-929077	100	
545-115	-929084	115	
545-125	-929091	125	
545-135	-929107	135	
545-150	-929114	150	
545-180	-929121	180	

Vise jaws with magnetic strips, red felt

Can be combined with series 525 and series 520.

545F





Art.-No.		 mm	
545F100	-998424	100	
545F125	-914240	125	
545F150	-914257	150	
545F180	-029432	180	

Vise jaws with magnetic strips, aluminum with rubber, gray

Can be combined with series 525 and series 520.

545G

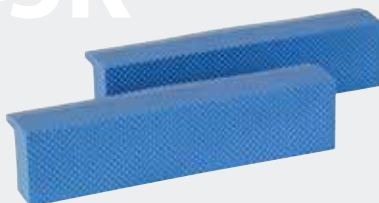




Art.-No.		 mm	
545G100	-914264	100	
545G125	-914271	125	
545G150	-998431	150	
545G180	-029456	180	

Vise jaws with magnetic strips, plastic, blue

Can be combined with series 525 and series 520.

545K

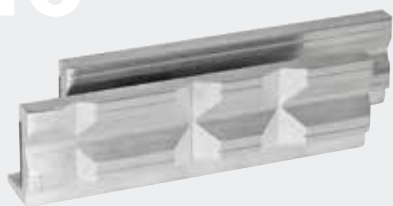




Art.-No.		 mm	
545K125	-280864	125	
545K140	-280871	140	
545K150	-998448	150	
545K160	-853440	160	

Vise jaws with magnetic strips, aluminum with prisms

Can be combined with series 525 and series 520.

546





Art.-No.		 mm	
546-080	-929138	80	
546-100	-929145	100	
546-115	-929152	115	
546-125	-929169	125	
546-135	-929176	135	
546-150	-929183	150	
546-180	-929190	180	

Vise jaws made of aluminum

Can be combined with series 525 and series 520.

550

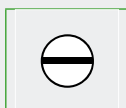


Art.-No.		 mm	
550-080	-609962	80	
550-100	-610029	100	
550-115	-610104	115	
550-125	-610289	125	
550-135	-610364	135	
550-150	-610449	150	
550-180	-701512	180	

Screwdriver slot

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171








Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

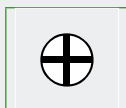
- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.		 mm	 mm	 mm	 mm	
171-0806	-005429	0,2	0,8	60	140	
171-1206	-002008	0,2	1,2	60	140	
171-1506	-005443	0,25	1,5	60	140	
171-1806	-005450	0,3	1,8	60	140	
171-2006	-005467	0,4	2,0	60	140	
171-2506	-025960	0,4	2,5	60	140	
171-2507	-025977	0,4	2,5	75	155	
171-3010	-025984	0,5	3,0	100	180	
171-3015	-025991	0,5	3,0	150	230	
171-3024	-026011	0,5	3,0	240	320	
171-3510	-026028	0,6	3,5	100	180	
171-3515	-026035	0,6	3,5	150	230	
171-4010	-026042	0,8	4,0	100	180	
171-4015	-026059	0,8	4,0	150	230	

Screwdriver PH

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171-PH







Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.			 mm	 mm	
171-PH000	-026080	PH000	60	140	
171-PH00	-026073	PH00	60	140	
171-PH0	-026066	PH0	60	140	
171-PH108	-026097	PH1	80	160	
171-PH118	-026103	PH1	185	265	
171-PH128	-026110	PH1	285	365	

Screwdriver PZ

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171-PZ







Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.			 mm	 mm	
171-PZ0	-002640	PZ0	60	140	
171-PZ1	-002664	PZ1	80	160	

Screwdriver TX

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171-T







Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.			 mm	 mm	
171-T01	-002893	T01	60	140	
171-T02	-002909	T02	60	140	
171-T03	-002916	T03	60	140	
171-T04	-002923	T04	60	140	
171-T05	-002930	T05	60	140	
171-T06	-002947	T06	60	140	
171-T07	-998714	T07	60	140	
171-T08	-998721	T08	60	140	
171-T09	-998738	T09	60	140	
171-T10	-998745	T10	80	160	
171-T15	-998752	T15	80	160	
171-T20	-001414	T20	100	180	



Hexagon precision screwdriver

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171-S







Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

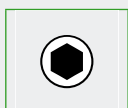
- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.			 mm	 mm	
171-S07	-005016	0,7	60	140	
171-S09	-005023	0,9	60	140	
171-S13	-314330	1,3	60	140	
171-S15	-895068	1,5	60	140	
171-S20	-005054	2,0	60	140	
171-S25	-998653	2,5	60	140	
171-S30	-998660	3,0	60	140	

Hexagon precision screwdriver with ballhead

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171-SK







Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

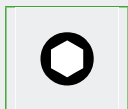
- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.		 mm	 mm	 mm	
171-SK15	-005153	1,5	60	140	
171-SK20	-005160	2,0	60	140	
171-SK25	-005177	2,5	60	140	
171-SK30	-005184	3,0	60	140	

Hexagon socket wrench

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171-ST







Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.		 mm	 mm	 mm	
171-ST15	-002787	1,5	60	140	
171-ST20	-002794	2,0	60	140	
171-ST25	-002800	2,5	60	140	
171-ST30	-998677	3,0	60	140	
171-ST32	-002831	3,2	60	140	
171-ST35	-002848	3,5	60	140	
171-ST40	-998684	4,0	60	140	
171-ST45	-998691	4,5	60	140	
171-ST50	-998707	5,0	60	140	
171-ST55	-002886	5,5	60	140	

Precision screwdriver sets, in rolling case

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

171-R



Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.						Stück pieces	
171-R006	-018115	1,5x60; 2,0x60; 2,5x75	PH00x60; PH0x60; PH1x60			6	
171-R106	-018122			TX04; 05; 06; 07; 08; 10		6	
171-R206	-018139				2,5; 3; 3,5; 4; 5; 5,5	6	

Pick

For loosening tight sealing discs, separating cables in a cable harness and carrying out other work in the healthcare and automotive sectors.

177-P



Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Both more sensitive and more heavy-duty work possible.

Art.-No.					
		mm	mm	mm	
177-P000	-017538	3,5	70	155	

Pick 45°

177-P



Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Both more sensitive and more heavy-duty work possible.

Art.-No.					
		mm	mm	mm	
177-P045	-017545	3,5	70	155	

Pick 90°

177-P



Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Both more sensitive and more heavy-duty work possible.

Art.-No.					
		mm	mm	mm	
177-P090	-017552	3,5	70	155	



Mobile hydraulic tools

For loosening tight sealing discs, separating cables in a cable harness and carrying out other work in the healthcare and automotive sectors.

177-HP






Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Both more sensitive and more heavy-duty work possible.

Art.-No.				Stück pieces	
177-HP04	-158132	177-P000, 177-P045, 177-P090, 177-H000	Kunststoff	4	

Hook

For loosening tight sealing discs, separating cables in a cable harness and carrying out other work in the healthcare and automotive sectors.

177-H






Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

Advantage

- Both more sensitive and more heavy-duty work possible.

Art.-No.		Ø			
		mm	mm	mm	
177-H000	-017521	3,5	70	155	

Accessories for metal shears



Light-weight design for straight end-to-end cuts and for cutting figures.

973



Description

- Cutting head made from STAINLESS STEEL, die-forged.
- Induction-hardened blades (54-58 HRC), finely serrated.
- Bracket made from sturdy plate steel with non-slip 2-component casing.
- Non-slip guard and integrated spring (self-opening).
- CUTTING PERFORMANCE: Sheets up to 1.2 mm, V2A sheets up to 1.0 mm.

Art.-No.			L 	
			mm	
973-240	-558550	rechts / right	240	
973-241	-558635	links / left	240	

Universal/multi-purpose shears



For industrial use and crafts.

993



Description

- Particularly sturdy design.
- Cuts fine sheets, wires, plastic, rubber, leather, cardboard, paper, carpets, flowers, branches, etc.
- Practical one-handed metal lock.

Art.-No.		L 	
		mm	
993-140	-563585	140	
993-190	-563660	190	

Steel number set, standard, 9-piece

To clearly mark workpieces with a strength of up to 900 N/mm².

328






Description

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.

Art.-No.		A mm			
328-101	-266141	1,0	6	65	
328-1015	-926274	1,5	6	65	
328-102	-688257	2,0	6	65	
328-1025	-919320	2,5	6	65	
328-103	-688332	3,0	6	65	
328-104	-688417	4,0	7	65	
328-105	-688585	5,0	8	65	
328-106	-692520	6,0	9	70	
328-107	-804565	7,0	10	75	
328-108	-688660	8,0	11	75	
328-110	-688745	10,0	12	80	
328-112	-688820	12,0	14	80	
328-115	-010072	15,0	16	90	
328-120	-010096	20,0	20	100	

Steel letter set, standard, 27-piece

To clearly mark workpieces with a strength of up to 900 N/mm².

329






Description

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.

Art.-No.		A mm			
329-201	-266493	1,0	6	65	
329-2015	-027605	1,5	6	65	
329-202	-688905	2,0	6	65	
329-2025	-919337	2,5	6	65	
329-203	-692605	3,0	6	65	
329-204	-689087	4,0	7	65	
329-205	-689162	5,0	8	65	
329-206	-689247	6,0	9	70	
329-207	-804572	7,0	10	70	
329-208	-689322	8,0	11	75	
329-210	-689407	10,0	12	80	
329-212	-689575	12,0	14	80	
329-215	-002220	15,0	16	90	
329-220	-002237	20,0	20	100	



Set of nozzle reamers


For cleaning nozzles.

245



Description

- Induction-hardened and smoothed.
- Quality steel.
- Conical design.
- Shape with square hinge for attachment to the metal holder.

Art.-No.		Ø mm	Stück pieces	
245-004	-597412	0,6; 0,65; 0,7; 0,75; 0,8; 0,9; 1,0; 1,1; 1,3; 1,5; 1,7; 1,9	12	

Tool and drill holder with ratchet

For threading and grinding.

280






Description

- Can be converted for right-hand and left-hand rotation plus rigid lock.
- Two jaw chuck for secure clamping for the square shafts.
- Sliding T-handle with grooved grid on the ends.
- Chrome-plated.

Advantage

- Suitable for particularly difficult-to-reach spots.

Art.-No.		 mm	 mm	
280-085	-910938	M3 - M10	85	
280-100	-910945	M5 - M12	100	

Tool and drill holder with ratchet

For threading and grinding deep-set workpieces.

280






Description

- Can be converted for right-hand and left-hand rotation plus rigid lock.
- Two jaw chuck for secure clamping for the square shafts.
- Sliding T-handle with grooved grid on the ends.
- Chrome-plated.

Advantage

- Suitable for particularly difficult-to-reach spots.

Art.-No.		 mm	 mm	
280-250	-910952	M3 - M10	250	
280-300	-910969	M5 - M12	300	

Washer cutter




For holding various tools for universal use.

300



Description

- Striated brass grip
- Two interchangeable clamping cartridges for various diameters.
- Square head nut.

Art.-No.		 mm	 mm	
300-090	-601119	0 - 2,5	90	
300-100	-601294	0 - 3,2	100	
300-110	-601379	0 - 4	110	



Washer cutter

For holding various tools for universal use.

310

**Description**

- Fully perforated.
- Knurled union nut.
- Serrated plastic handle.
- Perforated

Art.-No.		 mm	 mm	
310-105	-601454	0 - 1,2	105	
310-110	-601522	1,2 - 2,0	110	
310-115	-601607	2,0 - 3,0	115	
310-135	-601782	2,0 - 3,5	135	
310-160	-601867	3,0 - 4,5	160	
310-170	-601942	4,0 - 6,0	170	
310-180	-909215	6,0 - 8,0	180	



Washer cutter

For holding various tools for universal use.

315

**Description**

- Brass
- Nickel-plated.
- Perforated

Art.-No.		 mm	 mm	
315-801	-701284	0 - 1,0	80	
315-802	-701369	1 - 2,0	80	



Washer cutter

For holding various tools for universal use.

320

**Description**

- With 2 fixed welding tong components and head nuts.
- Brass shaft
- Grooved and nickel-plated
- Perforated

Art.-No.		 mm	 mm	
320-115	-602109	0 - 1,5 - 1,5 - 3,0	115	



	Spannweite spread		Adapter Innenvierkant inner square drive (adapter)		Durchmesser des Sicherungs-Innenringes diameter of circlip (inner ring)
	Spanntiefe depth		Gewinde thread		Schlaghülsendruchmesser diameter of impact sleeves
	Höhe des Abzughakenfußes length of claw		Durchmesser des Gewindes thread diameter		Anzahl der Schlaghülsen number of impact sleeves
	Abzughakenlänge length of the jaw		Länge des Gewindes length of thread		Durchmesser des Schlagringes diameter of impact ring
	Höhe der Verlängerung length of extension		Gewindelänge der hydraulischen Spindel thread length of hydraulic spindle		Anzahl der Schlagringe number of impact rings
	Fußöffnung des Abzughakens opening of claw end		Spindelspitzendurchmesser diameter of cone end		Anzahl der Abstützringe number of rings
	Länge der Spindel spindle length		Spindelspitzenhöhe length of cone end		Bohrerdurchmesser diameter of drill
	Antrieb Außensechskant hexagon drive (male)		Spannweite der Zwinke spread of clamp		Durchmesser der Insert-Hülse diameter of insert sleeve
	Antrieb Außenvierkant square drive (male)		Mutterngröße nut size		Länge der Insert Hülse length of insert sleeve
	Antrieb Innensechskant hexagon drive (female)		Schneidbereich cutting area		Steigung der Insert Hülse thread pitch of insert sleeve
	Antrieb Innenvierkant square drive (female)		Länge ohne Druckspindel length (without pressure spindle)		Anzahl der Hülsen number of sleeves
	Gabelöffnung fork opening		Anzahl der Spanntiefenverstellung number of positions		Kettenbolzendurchmesser diameter of chain pin
	Gabelöffnung konisch fork opening (conical)		Anzahl der Arme number of jaws		Schlagweg length of impact area
	Hebelspannbereich opening range		Höhe des Zylinders height of cylinder		Schlagmasse mass
	Gabelöffnung fork opening		Hub cylinder stroke		Lenksäulendurchmesser diameter of steering column
	lichte Höhe clear height		Federspannbereich spread		Lochkreisdurchmesser diameter of bolt circle
	lichte Weite clear width		Federdurchmesser diameter		Spreizbereich spread area
	Fußstärke thickness (of material)		Anzahl der Federhalter number of segments		Gewindedurchmesser der Schraube thread diameter
	Durchmesser der Trennmesser diameter of separator		Breite des Grundgerätes width of basic unit		Stehbolzendruchmesser bolt diameter
	Abstand der Seitenbolzen distance of side screw		Höhe des Grundgerätes height of basic unit		Durchmesser des Spannfutters diameter of chuck
	Zugbolzenweite distance of side screw		Spannweite der Klemmbacken spread		Ventilfederspannweite spread of valve spring
	Zugbolzentiefe depth		Durchmesser der Flansche diameter of flanges		Bereich der Spannung voltage area
	Einsatztiefe effective depth		Kugellager ISO ball bearing ISO		Fördervolumen flow volume
	Länge der Innenauszieher length of internal		Innendurchmesser des Kugellagers inner diameter of ball bearings		nutzbares Ölvolumen effective volume
	Anzahl Segmente number of segments		Maximalgewicht des Kugellagers maximum weight of ball bearing		Inhalt content
	Gewinde des Adapters (Werkstückseite) thread of adapter		Durchmesser des Kolbenringes diameter of piston ring		Kompatibel mit compatible with
	Gewinde des Adapters (Zugbolzenseite) thread of adapter		Spanndurchmesser spread		Farbe color
	Anzahl der Adapter number of adapters		Spannhöhe height		Verpackungseinheit package unit
	Adapter Innensechskant inner hexagon drive (adapter)		Durchmesser des Sicherungs-Außenringes diameter of circlip (outer ring)		Gewicht weight



Sicherheits- und Gebrauchshinweise Precautionary Notes and Helpful Hints

Werkzeuge dürfen grundsätzlich nur ihrem Zweck entsprechend, unter den vorgesehenen Bedingungen und innerhalb der Gebrauchsbeschränkungen benutzt werden.

All tools must always be used for the intended purposes under the envisioned conditions and within their postulated limitations.



Überprüfen Sie regelmäßig den Zustand des Werkzeuges und ersetzen Sie beschädigte oder abgenutzte Teile.
Check the condition of your tools at regular intervals, and replace any damaged or worn parts.



Halten Sie die Gewinde von Spindeln und Traversen stets rein und immer gut geölt.
Keep the threads of all spindles, heads, etc. clean and well oiled.



Informieren Sie sich vor dem Einsatz über den richtigen Gebrauch des anzuwendenden Abziehwerkzeuges, unter Berücksichtigung der dabei erforderlichen Sicherheitsmaßnahmen. Before you start work, acquaint yourself with the proper use of the tool or tools in question, with due attention to pertinent safety measures.



Sofern über einen der genannten Punkte die geringste Unsicherheit besteht, sollte zur Klärung werkseitige Anwendungsberatung eingeholt werden.
If anything at all is unclear about any of the above, it is best to call the factory for some firsthand advice.



Vergewissern Sie sich vor dem Einsatz, daß sich das Abziehwerkzeug in einwandfreiem Zustand befindet.
Prior to starting work, make sure that the pulling tool is in good working order.



Überprüfen Sie die korrekte Anbringung des Werkzeuges und überwachen Sie während des Abziehvorganges die auftretenden Kräfte.
Double-check the tool for correct mounting, and monitor the forces incidental to the pulling process.



Überschreiten Sie niemals, die für das Werkzeug vorgegebenen Belastungswerte. Kontrollieren Sie die Aufbringung der Abziehkraft bei mech. Abziehwerkzeugen durch Verwendung eines Drehmomentschlüssels und bei pumpenbetriebenen, hydr. Abziehwerkzeugen durch ein Manometer. Never violate the maximum load data prescribed for the tool in question. Use a torque wrench (for mechanical/pressure-screw-driven tools) or a pressure gauge (hydraulic/pump-driven tools) to keep tabs on the applied forces.



Tragen Sie stets eine Schutzbrille und geeignete Schutzkleidung.
Always wear suitable personal protective equipment, including protective goggles.



Umhüllen Sie zum Schutz gegen das bei Abzieharbeiten immer mögliche ruckartige Ablösen Abziehwerkzeug und abziehendes Teil mit einer Unfallschutzplane. Always wrap the pulling tool and the workpiece in a protective blanket as a precaution against the potential effects of sudden release.



Bei Überlastungserscheinungen, Schwergängigkeit usw. ist der Abziehvorgang zu unterbrechen und eine größere Ausführung der entsprechenden Baureihe einzusetzen. If the tool appears to be overloaded, works sluggishly, or is otherwise negatively conspicuous, interrupt the pulling process, and replace the tool with a larger model.



Verwenden Sie keine elektrischen oder pneumatischen Kraft- oder Schlagschrauber zum Betätigen von Abziehwerkzeugen.
Never use an electric- or pneumatic-powered impact/hammer drill for driving a pulling tool.



Verwenden Sie keine Verlängerungen zur Erhöhung des übertragenen Drehmomentes.
Never use extensions to increase the applied torque.



Nehmen Sie keinerlei Veränderung an den Produkten vor.
Never alter a pulling tool or related product in any way.



Da Stahl unter Wärmeeinfluß seine Festigkeitseigenschaften verändert, dürfen Abziehwerkzeuge bei evtl. Anwärmen abziehender Teile nicht miterwärmt werden. Since heat detracts from the thermal properties of steel, and since some parts require heating to facilitate their removal, remember to never heat the pulling tool along with the part.



Die optimierte Geometrie von Traverse und Gleitstücken sorgt für besonders leichtes Verschieben der Abzughaken auf der Traverse.

The geometry of the cross-bar and sliding parts has been optimized to ensure particularly easy movement of the extractor jaws along the cross-bar.



Die Kreuzhaken garantieren maximale Stabilität der Aufhängung der Abzughaken im Gleitstück.

The cross-jaws guarantee maximum stability for the mounted sliding parts and jaws.



Ermöglicht durch die Handstellrändel ein schnelles Lösen und Verschieben, der Abzughaken auf der Traverse, ohne Schraubenschlüssel.

A manual adjustment knurl allows rapid loosening and adjusting of the extractor jaws without using a wrench.



Leichtes Drehen der Betätigungsmutter durch eingebautes Drucklager. Der Reibungswiderstand wird auf ein Minimum reduziert.

The operating nut is easy to turn thanks to a built-in pressure bearing. Resistance from friction is reduced to a minimum.



Leichtgängige, selbstverstellbare Abzughaken mit innenliegender Federung. Smooth-running, self-adjusting spring-back jaws.



Automatische Selbstspannung und Selbstzentrierung der Abzughaken. Automatic tensioning and centering of the extractor jaws.



Durch das Drehen der Feststellschraube werden die Abzughaken zentrisch angespannt und greifen so fest um das abziehende Teil. Ein Bewegen oder Abrutschen wird so verhindert.

By turning the locking bolt the jaws are centered and tensioned and therefore firmly grip the piece to be pulled off. This prevents the jaws moving or slipping off.




Einzigartiges, leichtes Zurückdrehen des Mutternsprenger-Meißels aus verformten oder gesprengten Muttern. Der Meißel bleibt nicht in der Mutter hängen.

Unique, simple pullback of the nut splitter chisel to remove it from deformed or split nuts. The chisel does not get stuck in the nut.



Abziehwerkzeuge mit Hydraulik-Funktion. Tools with hydraulic function.





Office hours:
Monday - Thursday: 7:00 AM - 4:00 PM
Friday: 7:00 AM - 2:00 PM

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