



KUKKO
Tool factory

A world **in motion**
since 1919!

specialized in extractors



General catalogue

KUKKO tool program

EN
2017/2018





KUKKO tool factory a world in motion 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.

As of October 2013, the company location is in Hilden. 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.

Hilden Logistics Center

State-of-the-art storage technology - Global distribution - Supply capability as a success factor

An optimized organization, state-of-the-art data technology and the new, automated small parts warehouse at the Hilden location guarantee that 95 per cent of customer orders received at the factory are shipped within 24 hours. In the tool industry, this warehouse is the most modern of its kind. In addition to shipping, it also supplies our company's production.





Innovation, competence, quality, service and customer proximity

have for decades been the foundation of the company's success in the world's markets. More than 60% of production is exported and sold worldwide in more than 100 countries.

The success with more than 150 extractor types in more than 500 different implementation sizes has, over time, resulted in the KUKKO brand name becoming synonymous with extractor tools.

Strict adherence to the requirements of the customer benefit – as well its modernity, high technical competence, significant financial power, and timely customer service – has made KUKKO an esteemed partner of the retail trade and one of the top European system suppliers in the workshop area of the automotive industry.

Design and modeling

3D printing technology in the early design phase

The tradition of technical drawing on paper was digitalized a long time ago. Today, an engineer can use professional CAD applications for the design and construction of technical solutions. They can be used to create a virtual model of three-dimensional objects using a computer. One great advantage here is the spatial representation of the object as needed.



Meanwhile, it is also possible to quickly create the previously produced 3D model with cutting-edge printing technology early on in the design phase.



Knowledge management

Shorter distances, faster design

With the integration of Confluence into the operation, the current design status of any product can be viewed at any time. Using defined data on deadlines and allocation to teams and people, what is missing, who is responsible, and when the task must be completed can all be seen at a glance.

Project status and deadlines globally visualized.

The schedule for the development of a new tool is designed and established from the start through to completion. The clear allocation of tasks and their due dates help prevent unnecessary down times. The development phase is significantly optimized with Confluence.

The customer can also see the transparency of the product development. Specific customer projects can always be monitored and, if necessary, immediately corrected.





Puller guide

Use our guide to pullers to help quickly and safely select the right puller.

Not sure which puller is the right one for you? Our guide will ensure that you find the puller best suited for your application. Whether external pulling, interior extraction, separating pulling, or the fitting and removal of ball bearings, you can find the right tool for every application.

The guide also serves as a textbook for pulling applications and is available in seven languages.

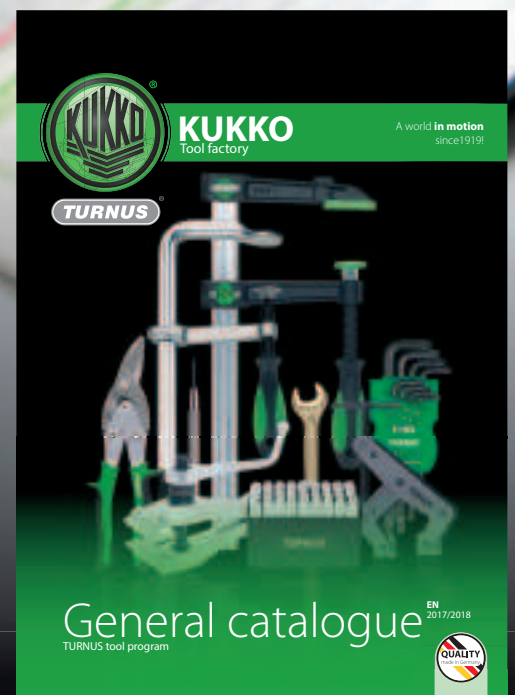
You can find it under the download section in the service area of our website.



TURNUS catalogue

Our TURNUS line of products is specially designed for bolting, tensioning, clamping, striking, and marking jobs.

Any time you need to clamp something in place or mark something, the TURNUS catalogue has the solution for your application. Hand vises, screw clamps, door clamps, vises, screwdrivers, pin wrenches, punching and cutting, signing and marking as well as arc-free tools are part of the product range. You can download the current catalogue under downloads in the service area of www.KUKKO.com. Our website also offers you fast access to all TURNUS products via the TURNUS products tab.





Information about the KUKKO product range

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.



Would you like to order spare parts? You can do this quickly and easily, because almost 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.

Videos

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

What is the proper way to use the tool? The application video is a quick illustration of the safe and correct use of our tools. Almost all our tools have a QR code that you can scan with your smartphone to directly access the corresponding video. All videos are provided directly on your YouTube channel www.youtube.com/kukkotools.



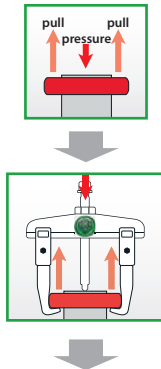
www.youtube.com/kukkotools



EXTERNAL



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

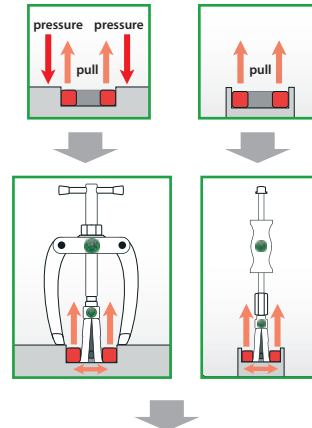


Use an EXTERNAL puller

INTERNAL



The part to be removed is in a recess!

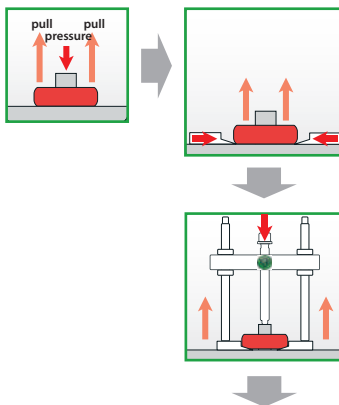


Use an INTERNAL puller

SEPARATING



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

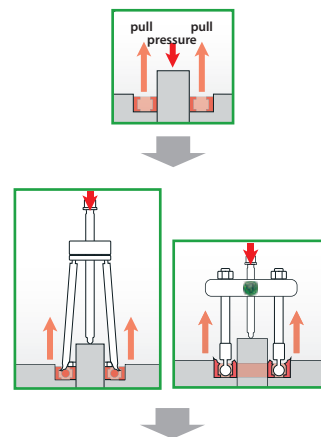


Use an SEPARATING device

BALL BEARING



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



Use an BALL BEARING extractor



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Impressum

Firma / Company:

Registergericht / Court of Registry:

Phone:

Fax:

E-Mail:

Website:

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Kukko Werkzeugfabrik
Kleinbongartz & Kaiser oHG
Heinrich-Hertz-Str. 5, 40721 Hilden, Germany
+49 (0) 2103-9754-300
+49 (0) 2103-9754-310
info@kukko.com
www.kukko.com

Gesamtkatalog / General catalogue

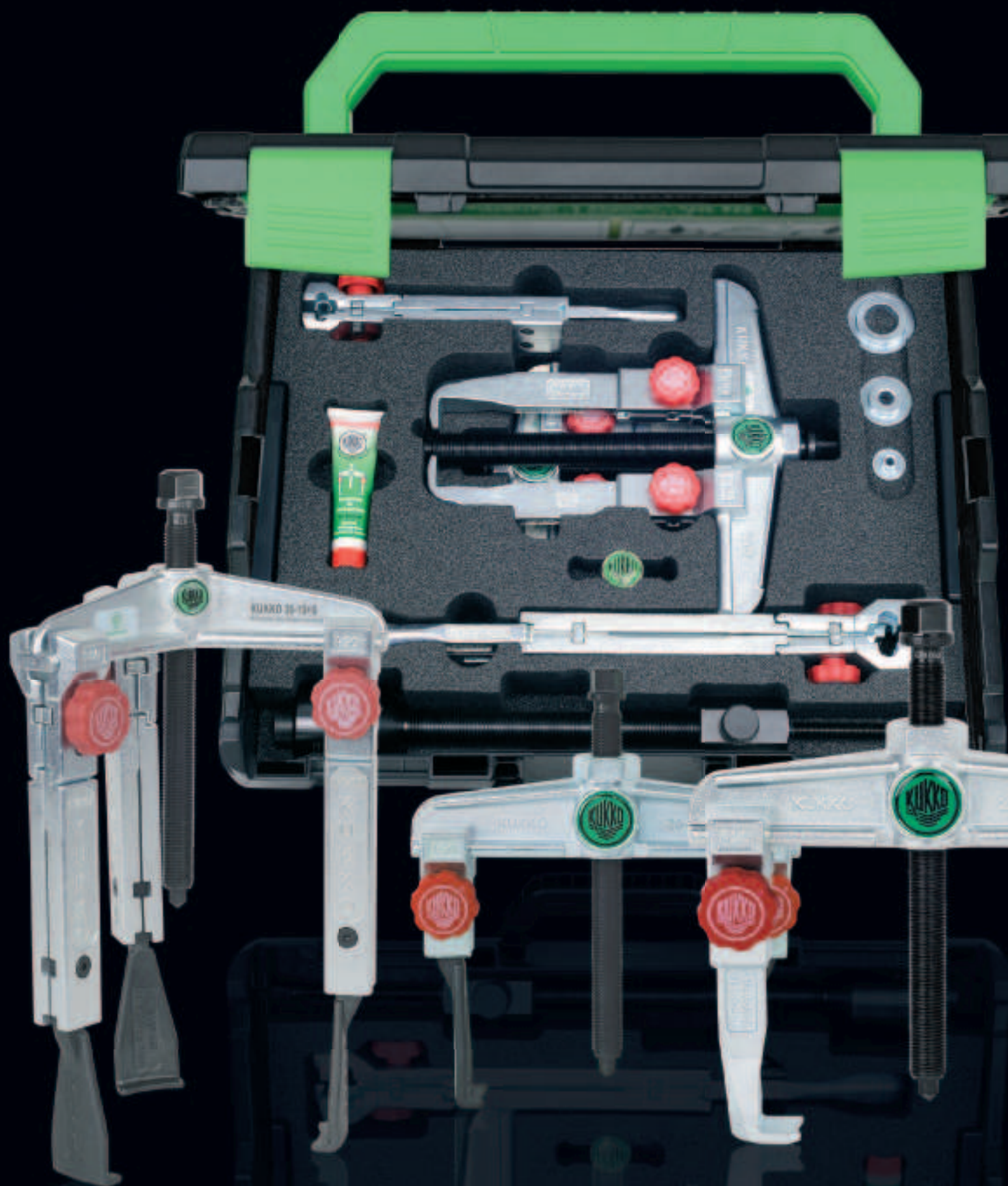
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External extracting

Außen-Abziehen

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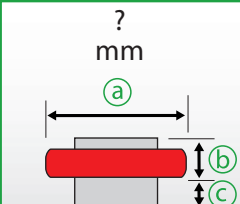
Selection of the right external puller



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



1st step: Measuring the space available



Ⓐ diameter → defines the spreads

Ⓑ depth → defines max. reach

Ⓒ available space → defines the size of the puller jaw

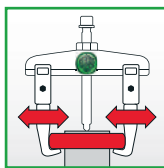
2nd step: Selection of the puller type

Requirement:

- The puller is used for various applications.
- The puller must be able to change characteristics e.g. increase the reach etc.

Recommendation of KUKKO

Puller with sliding, parallel puller jaws



The puller jaws can be moved continuously (even asymmetrically) on the cross-beam, and can be fixed to the cross-beam using a bolt connection or knurled knob.

Series available

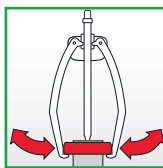
11 ; 20; 20+; 20-S; 20+S; 20-S-T
20-S+T; 30; 30+; 30-S; 30+S
30-S-T; 30-S+T; 110; 120; 130

Requirement:

- The same removal application is always used.

Recommendation of KUKKO

Puller with self-centering puller jaws (autogrip)



The two puller jaws are connected to each other. The pullers therefore ensure automatic self-tensioning and self-centering of the jaws.

Series available

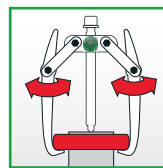
43; 44; 45; 482; 483; 844; 845

Requirement:

- The same removal application is always used.
- Same application at different depths.

Recommendation of KUKKO

Puller with swivel puller jaws



The jaws and the cross-beam are connected by movable brackets. As the spindle pulls, the jaws tense and tighten firmly. An additional option is swivel-jaws pullers. Reversing the puller jaws expands or reduces the reach.

Series available

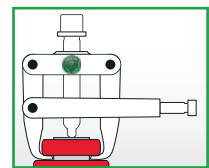
41; 42; 46; 47; 201; 203; 205
206; 207; 208; 209

Requirement:

- The bearing is flush.
- It is especially important that the puller arms do not slip off.

Recommendation of KUKKO

Puller with side tension clamps.



To remove flush parts the puller jaws grab beneath the part to be removed when pulling on the side clamps and loosen the part even before the actual pulling process. The clamp presses the puller jaws securely onto the part to be removed. This ensures that the puller jaws do not slip off.

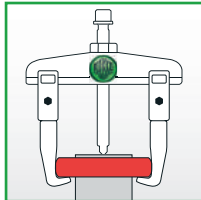
Series available

204; 210



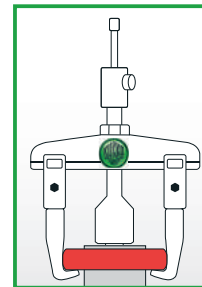
3rd step: How much force is required?

A normal amount of pressure is required.



**Puller with
mechanical pressure spindle**

High pressure is required because the part to be removed is particularly secure, or rusted.



**Puller with
long hydraulic spindle**

4th step: Select model

The selected pulling tool normally states the necessary power and pulling force. However, in order to be absolutely sure, you should always choose the largest possible model for dimension ranges which cross over.

Detailed dimension and performance details for all models can be found at www.KUKKO.com

For example:

1st step: Measuring the space available

Diameter: 142 mm / 120 mm / 135 mm
Depth: 135 mm / 120 mm / 220 mm
Available space: unlimited

2nd step: Selection of puller type

Specification: There must be pulled various bearings at different depths.
Target: We are looking for a puller which can be individually adapted.

According to the puller guide should be used pullers with sliding puller arms that are always parallel.

3rd step: How much force is needed?

The bearings are on the shaft.

According to the puller guide should be used a puller with a mechanical spindle.

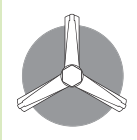
4th step: Select model

According to the KUKKO website choose the pullers from series 20 and 30 in size 2.

The decision falls to : 30-2+

Advantage:

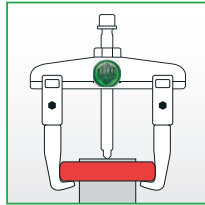
- with the 3-jaw model, you have the best possible load distribution and a particularly secure hold.
- You can adjust your puller to the relevant reach by buying the extensions.
- The quick adjusting capability allows the reach to be changed quickly.



You should always give a 3-jaw puller preference if the access conditions permit. The uniform load distribution guarantees a particularly secure hold on the to be extracted part.

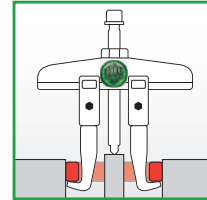
Mode of operation

STANDARD



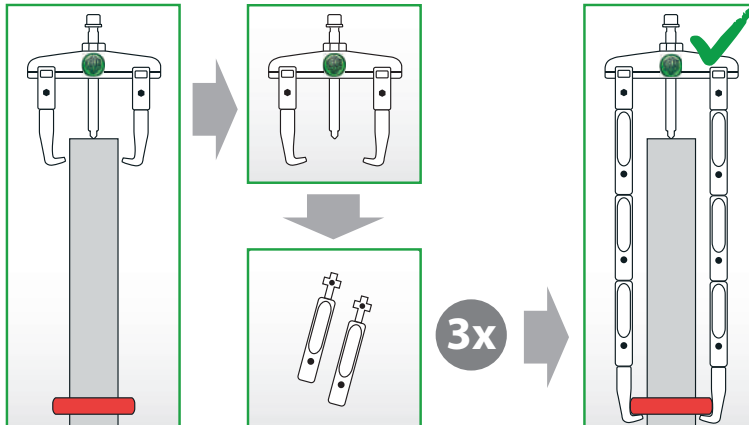
External pulling is the most common type of pulling. The part to be extracted such as a gear wheel, pulley or ball bearing, is gripped from the outside. The part is loosened from the shaft by the pull of the pressure screw.

as INTERNAL extractor



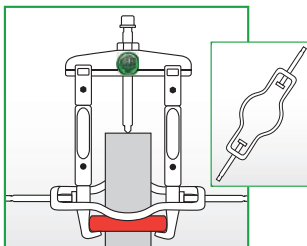
The external pullers can also be used as internal extractors by turning the jaws.
Important: *When used as internal extractors, a fixed center point is required to brace the pressure screw of the products in these series.*

Accessories: Modular extensions



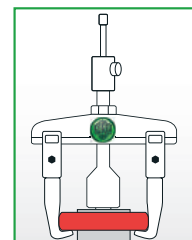
For the 20 and 30 series, we offer modular extensions. If the part to be removed sits deep inside a shaft, jaw extensions will be needed.

Accessories: Side clamp



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.

Accessories: Grease hydraulic pressure spindle

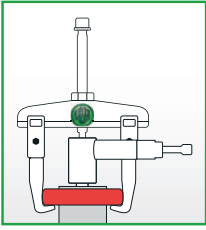


The hydraulic spindle ensures controlled and secure operating of 7-20 t. It uses the entire capability of the puller, over and above what can be achieved with a mechanical spindle. When replacing a mechanical spindle with a hydraulic one, there is also a considerable reduction in the drive force which needs to be used.



Sliding-arm pullers with constantly parallel jaws

Accessories: auxiliary grease hydraulic rams



For use with mechanical KUKKO pullers from size 3.

The auxiliary grease hydraulic rams are a good tool for significantly increasing the pressure when removing very secure parts. The hydraulic rams are simply secured between the spindle and shaft with the mechanical spindle.

No conversion of the puller is needed!

Accessories: Puller jaws

Pullers in series 20 and 30 can easily be adjusted using different puller jaws lengths and types.



Which puller jaws are right for which puller?

The puller jaws that start with **-1** ➡ fit all pullers of size **-1** and **-10**

The puller jaws that start with **-2** ➡ fit all pullers of size **-2** and **-20**

The puller jaws that start with **-3** ➡ fit all pullers of size **-3** and **-30**

The puller jaws that start with **-3** ➡ can also use by the pullers of size **-4** and **-40**

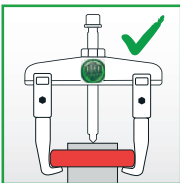
Example:

20-2 ➡ has the puller jaws 2-150-P

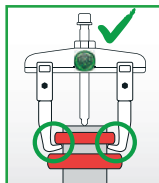
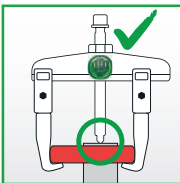
➡ can also use: 2-151-P; 2-152-P; 2-153-P

➡ can also use long puller jaws such as: 2-300-P; 2-301-P; 2-302-P; 2-303-P

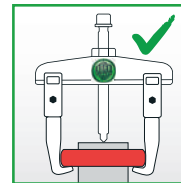
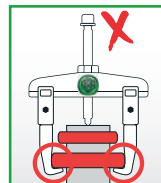
Safety instructions



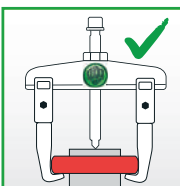
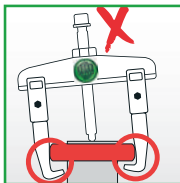
The puller must be centrally positioned for center shafts. If the shaft is not centered, pulling with parallel jaws may result asymmetrical pulling.



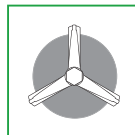
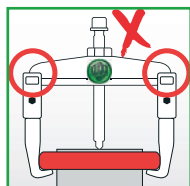
If there are several parts to be pulled, always remove them one-by-one. Never remove several parts simultaneously.



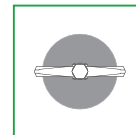
Jaws must always be positioned directly below the part to be removed.



The jaws of the leg must be set firmly and completely against the cross-beam.



If there is adequate free space around the part, we recommend a 3-jaw puller for optimal force distribution.



A 2-jaw puller is always used in situations where there is insufficient space for a 3-jaw puller.



Pullers with sliding, parallel jaws

2-jaw pullers

For removing bearings, gears, discs, etc.

20








Description

- Standard pulling hook.
- Two-jaw 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 standard 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. |  4021176 |  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 |
| 20-5 | -009846 | 750 | 400-700 | 41 | 15,0 | 650 |

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-jaw 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.

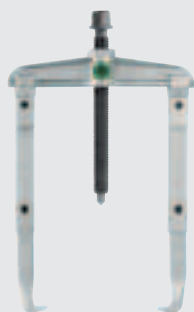
| Art.-No. |  4021176 |  mm |  mm |  mm | max. t | mit with |
|----------------|--|---|---|---|-----------|-------------|
| 20-2-B | -885815 | 160 | 150 | 12 | 7 | 8-01 |
| 20-20-B | -885846 | 200 | 150 | 12 | 7 | 8-01 |
| 20-3-B | -885891 | 250 | 200 | 12 | 10 | 8-02 |
| 20-30-B | -885945 | 350 | 200 | 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 with extended jaws

ST

For removing bearings, gears, discs, etc.

20







Description

- Extended standard puller hook.
- Two-jaw design for space-saving operation.
- Pulling hooks with infinite adjustment on the cross-beam.
- Parallel pulling hooks in every position, even with full load.
- 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.
- 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 |
|----------|---|---|---|---|-----------|
| 20-1-2 | -466311 | 90 | 200 | 17 | 4,5 |
| 20-1-25 | -914362 | 90 | 250 | 17 | 4,5 |
| 20-1-4 | -989643 | 90 | 400 | 17 | 4,5 |
| 20-10-2 | -466496 | 120 | 200 | 17 | 4,5 |
| 20-10-25 | -908682 | 120 | 250 | 17 | 4,5 |
| 20-10-4 | -989650 | 120 | 400 | 17 | 4,5 |
| 20-2-3 | -466564 | 160 | 300 | 22 | 6,0 |
| 20-20-3 | -466649 | 200 | 300 | 22 | 6,0 |
| 20-3-25 | -901188 | 250 | 250 | 27 | 8,5 |
| 20-3-3 | -466724 | 250 | 300 | 27 | 8,5 |
| 20-3-4 | -467066 | 250 | 400 | 27 | 8,5 |
| 20-3-5 | -467301 | 250 | 500 | 27 | 8,5 |
| 20-30-3 | -466809 | 350 | 300 | 27 | 8,5 |
| 20-30-4 | -467141 | 350 | 400 | 27 | 8,5 |
| 20-30-5 | -467486 | 350 | 500 | 27 | 8,5 |
| 20-4-3 | -466984 | 520 | 300 | 36 | 12,0 |
| 20-4-4 | -467226 | 520 | 400 | 36 | 12,0 |
| 20-4-5 | -467554 | 520 | 500 | 36 | 12,0 |
| 20-40-4 | -730641 | 650 | 400 | 36 | 12,0 |
| 20-40-5 | -731976 | 650 | 500 | 36 | 12,0 |

Sales display for 2-jaw pullers

ST

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-jaw 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. |  |  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 | 5 |



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

ST

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

20-B







Description

- Lubricating hydraulics.
- Extended standard puller hook.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-jaw design for space-saving operation.
- 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.

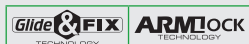
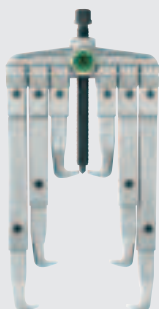
| Art.-No. |  |  |  |  | max. t | mit with |
|-----------|---|---|---|---|-----------|-------------|
| 20-2-3-B | -885808 | 160 | 300 | 12 | 7 | 8-01 |
| 20-20-3-B | -885839 | 200 | 300 | 12 | 7 | 8-01 |
| 20-3-3-B | -885860 | 250 | 300 | 12 | 10 | 8-02 |
| 20-3-4-B | -885877 | 250 | 400 | 12 | 10 | 8-02 |
| 20-3-5-B | -885884 | 250 | 500 | 12 | 10 | 8-02 |
| 20-30-3-B | -885914 | 350 | 300 | 12 | 10 | 8-02 |
| 20-30-4-B | -885921 | 350 | 400 | 12 | 10 | 8-02 |
| 20-30-5-B | -885938 | 350 | 500 | 12 | 10 | 8-02 |
| 20-4-3-B | -885952 | 520 | 300 | - | 15 | 8-1-B |
| 20-4-4-B | -885969 | 520 | 400 | - | 15 | 8-1-B |
| 20-4-5-B | -885976 | 520 | 500 | - | 15 | 8-1-B |
| 20-40-4-B | -885990 | 650 | 400 | - | 15 | 8-1-B |
| 20-40-5-B | -886003 | 650 | 500 | - | 15 | 8-1-B |

Universal 2-jaw puller, in set

ST

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-jaw 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. t | mit with |
|----------|---|---|---|---|-----------|---------------------------------|
| 20-10-P3 | -267611 | 120 | 100/250/ 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 |

Set of universal 2- and 3-jaw pullers

ST

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. | | |
|-----------|---------|-----------|-----------|-----------|----------------------------------|--------|
| | | mm | mm | t | | |
| 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-jaw pullers

ST

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. | | |
|-----------|---------|-----|-----------|------|----|--------|
| | | mm | mm | t | | |
| K-2030-20 | -161360 | 200 | 150 - 450 | 6 | 24 | L-Boxx |

Set of universal hydraulic 2- and 3-jaw pullers

ST

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.
- 12 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 | |
|-------------|---------|-----|-----------|------|----|----------|--------|
| | | mm | mm | t | | | |
| K-2030-20-B | -123269 | 200 | 150 - 450 | 7 | 24 | 8-01 | L-Boxx |

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.



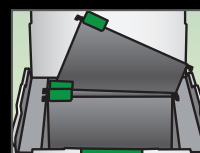
TOOLS



INSERT-BOXES



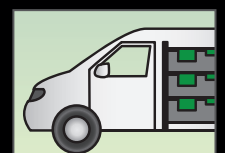
LOCKABLE



OFFICE



MAX. LOAD 100 KG



CAR HOLDER +
CRASHSAFE

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-jaw 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. |  |  |  |  | max. |  |
|----------|---|---|---|---|------|---|
| | | mm | mm | mm | t | 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. |  |  |  |  | max. | mit with |
|----------|---|---|---|---|------|----------|
| | | mm | mm | mm | t | |
| 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 |

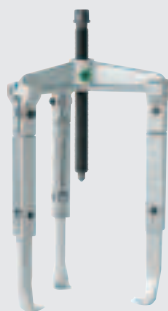


Universal 3-jaw puller with extended jaws

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-jaw 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-jaw puller-set**ST**





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-jaw 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. |  |  mm |  mm |  mm | max. t |
|-----------------|---|---|---|---|-----------|
| 30-10-P3 | -111136 | 130 | 100 - 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-jaw 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 | 4 | 35 |
| 20-10-S | -757471 | 120 | 100 | 17 | 4 | 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 |

Sales display for 2-jaw puller with narrow jaws**ST**





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

20-ST-S**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.
- Thin pulling hooks.
- Pulling hooks with infinite adjustment on the cross-beam.
- Two-jaw design for space-saving operation.

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 | max. t |  | Stück pieces |
|----------------|---|---|---|-----------|---|-----------------|
| 20-ST-S | -906282 | 90 - 250 | 100 - 200 | 2,5-7,0 | 20-1-S, 20-10-S, 20-2-S, 20-20-S, 20-3-S, 20-STL | 5 |

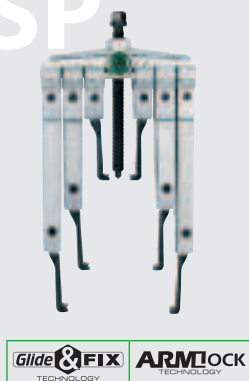


2-jaw puller with narrow jaw, in set

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-jaw 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 | 100/250/ 250/350 | 17 | 2,5 | 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-jaw 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 | 3 | 17 | 20-10-SP, 30-10-SP, 614250 | L-Boxx |

Set of two- and three-jaw 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.
- 6 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-jaw 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 | -727771 | 90 | 100 | 17 | 4 | 40 |
| 30-10-S | -728198 | 120 | 100 | 17 | 4 | 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-jaw 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. |  | mit with |
|-----------------|---|---|---|---|------|---|---------------------------------|
| | | mm | mm | mm | t | Nm | |
| 30-10-SP | -463839 | 120 | 100 - 350 | 17 | 4 | 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 |



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-jaw 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.

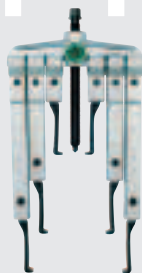
| Art.-No. |  |  |  |  | max. |  |
|-----------|---|---|---|---|------|---|
| | | mm | mm | mm | t | Nm |
| 20-1-S-T | -321641 | 90 | 100 | 17 | 2,5 | 35 |
| 20-10-S-T | -201097 | 120 | 100 | 17 | 2,5 | 35 |

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-jaw 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 - 350 | 17 | 2,5 | 1-94-P, 1-194-P, 1-254-P |

Set of universal 2- and 3-jaw 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 | 3 | 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-jaw 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.

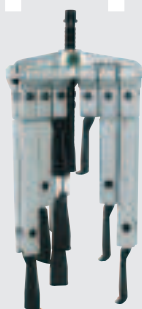
Advantage

- 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. |  max. |
|------------------|---|---|---|---|------|--|
| | | mm | mm | mm | t | 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-jaw 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. |  max. |
|-------------------|---|---|---|---|------|--|
| | | mm | mm | mm | t | Nm |
| 30-10-SP-T | -770272 | 130 | 100 - 350 | 17 | 3 | 40 |



Universal 2-jaw puller with quick adjusting jaws

ST

For removing bearings, gears, discs, etc.

20+



Glide&FIX
TECHNOLOGY

Quick adjust
TECHNOLOGY

ARMLOCK
TECHNOLOGY








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-jaw 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.

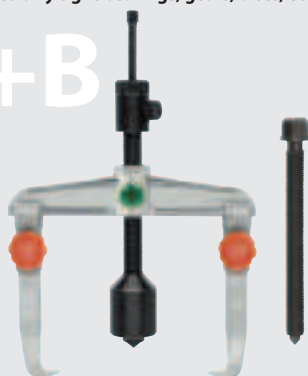
| Art.-No. |  |  |  |  | max. t |  max. Nm |
|---------------|---|---|---|---|-----------|--|
| 20-1+ | -644771 | 90 | 100 | 17 | 4,5 | 80 |
| 20-10+ | -644856 | 120 | 100 | 17 | 4,5 | 80 |
| 20-2+ | -644931 | 160 | 150 | 22 | 6 | 150 |
| 20-20+ | -645013 | 200 | 150 | 22 | 6 | 150 |
| 20-3+ | -645198 | 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



Glide&FIX
TECHNOLOGY

ARMLOCK
TECHNOLOGY

Quick adjust
TECHNOLOGY

hydraulic
TECHNOLOGY







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. t | mit with |
|----------------|---|---|---|---|-----------|-------------|
| 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 |

Sales display for 2-jaw 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-jaw 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 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.) |



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-jaw 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.

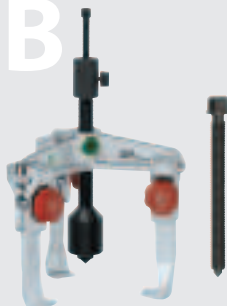
| Art.-No. |  |  |  |  | max. |  |
|----------|---|---|---|---|------|---|
| | | mm | mm | mm | t | Nm |
| 30-1+ | -731488 | 90 | 100 | 17 | 6 | 80 |
| 30-10+ | -731556 | 120 | 100 | 17 | 6 | 80 |
| 30-2+ | -731631 | 160 | 150 | 22 | 7 | 150 |
| 30-20+ | -731716 | 200 | 150 | 22 | 7 | 150 |
| 30-3+ | -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 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-jaw 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. 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 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-jaw 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 | -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 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-jaw 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 | -321344 | 90 | 100 | 17 | 2,5 | 35 |
| 20-10+S-T | -321368 | 120 | 100 | 17 | 2,5 | 35 |

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-jaw 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 |

3-jaw pullers**ST**

For removing bearings, gears, discs, etc.

11-A**Description**

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

Advantage

- Variable reach thanks to optional jaw extensions.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8 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. | | | | | max. t | max. Nm |
|----------|---------|-----|-----|----|-----------|------------|
| 11-0-A | -005886 | 375 | 200 | 36 | 15 | 500 |
| 11-0-A3 | -729263 | 375 | 300 | 36 | 15 | 500 |
| 11-0-A4 | -729348 | 375 | 400 | 36 | 15 | 500 |
| 11-0-A5 | -729423 | 375 | 500 | 36 | 15 | 500 |
| 11-1-A | -075421 | 520 | 200 | 41 | 20 | 650 |
| 11-1-A3 | -729591 | 520 | 300 | 41 | 20 | 650 |
| 11-1-A4 | -729676 | 520 | 400 | 41 | 20 | 650 |
| 11-1-A5 | -729751 | 520 | 500 | 41 | 20 | 650 |
| 11-2-A | -006203 | 650 | 200 | 41 | 20 | 650 |
| 11-2-A3 | -706158 | 650 | 300 | 41 | 20 | 650 |
| 11-2-A4 | -729836 | 650 | 400 | 41 | 20 | 650 |
| 11-2-A5 | -729911 | 650 | 500 | 41 | 20 | 650 |

3-jaw puller with long hydraulic spindle**ST**

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

11-Bhydraulic
technology**Description**

- Lubricating hydraulics.
- Standard pulling hook.
- The three-jaw 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.
- Pulling hooks with infinite adjustment on the cross-beam.

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.

| Art.-No. | | | | max. t | max. Nm | mit with |
|----------|---------|-----|-----|-----------|------------|-------------|
| 11-0-B | -075346 | 375 | 200 | 15 | 30 | 8-1-B |
| 11-1-B | -006128 | 520 | 200 | 20 | 45 | 8-2-K |
| 11-2-B | -006388 | 650 | 200 | 20 | 30 | 8-2-K |
| 11-3-B | -706073 | 650 | 300 | 20 | 30 | 8-2-K |

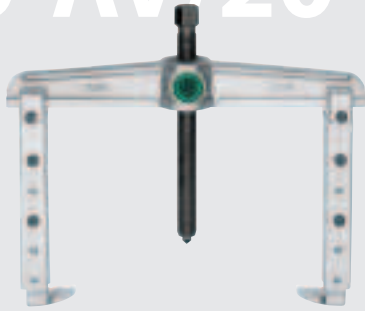


Universal 2-jaw pullers with adjustable reach

ST

For removing bearings, gears, discs, etc.

20-AV/20-5








Description

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

Advantage

- Pulling hooks can be adjusted lengthwise and to meet the required clamping depths.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8 available as an option for particularly tight parts.
- Hydraulic extra press series 9 available as an option for particularly tight parts.
- Turning the pulling hooks enables them to be used both internally and externally.

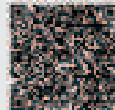
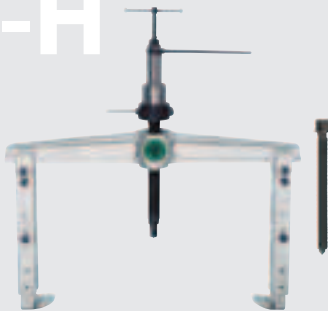
| Art.-No. |  |  mm |  mm |  mm |  max. Nm | max. t |
|----------|---|---|---|---|---|-----------|
| 20-4-AV | -706233 | 520 | 300 - 500 | 36 | 400 | 12 |
| 20-40-AV | -973222 | 650 | 300 - 500 | 36 | 400 | 12 |
| 20-5 | -009846 | 750 | 400 - 700 | 41 | 650 | 15 |

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

ST

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

20-H







Description

- Lubricating hydraulics.
- Standard pulling hook with adjustable clamping depths.
- Two-jaw 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

- Pulling hooks can be adjusted lengthwise and to meet the required clamping depths.
- 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.

| Art.-No. |  |  mm |  mm | max. t |  max. Nm | mit with |
|----------|---|---|---|-----------|---|-------------|
| 20-4-H | -227981 | 520 | 300 - 500 | 15 | 45 | 8-1-B |
| 20-40-H | -732218 | 650 | 300 - 500 | 15 | 45 | 8-1-B |
| 20-5-H | -228063 | 750 | 400 - 700 | 20 | 30 | 8-2-M |

3-jaw pullers with adjustable reach**ST**






For removing bearings, gears, discs, etc.

11-AV**Description**

- Standard pulling hook with adjustable clamping depths.
- The three-jaw 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.
- Pulling hooks with infinite adjustment on the cross-beam.
- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 20.

Advantage

- Pulling hooks can be adjusted lengthwise and to meet the required clamping depths.
- Spindle head band prevents the wrench from slipping off.
- Hydraulic spindle series 8 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. |  |  |  |  | max. |  max. |
|----------------|---|---|---|---|------|--|
| | | mm | mm | mm | t | Nm |
| 11-0-AV | -730078 | 375 | 300 - 500 | 36 | 15 | 500 |
| 11-1-AV | -730153 | 520 | 300 - 500 | 41 | 20 | 650 |
| 11-2-AV | -730238 | 650 | 300 - 500 | 41 | 20 | 650 |

3-jaw pullers with adjustable reach and long hydraulic spindle**ST**





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

11-BVhydraulic
TECHNOLOGY**Description**

- Lubricating hydraulics.
- Standard pulling hook with adjustable clamping depths.
- The three-jaw design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Pulling hooks with infinite adjustment on the cross-beam.
- Parallel pulling hooks in every position, even with full load.

Advantage

- Pulling hooks can be adjusted lengthwise and to meet the required clamping depths.
- 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.

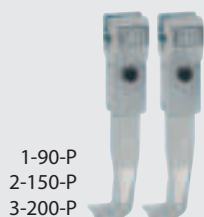
| Art.-No. |  |  |  | max. |  max. | mit with |
|----------------|---|---|---|------|--|----------|
| | | mm | mm | t | Nm | |
| 11-0-BV | -730313 | 375 | 300 - 500 | 15 | 45 | 8-1-B |
| 11-1-BV | -730498 | 520 | 300 - 500 | 20 | 30 | 8-2-K |
| 11-2-BV | -730566 | 650 | 300 - 500 | 20 | 30 | 8-2-K |



2 pulling jaws (pair)

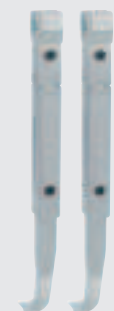
For removing bearings, gears, discs, etc.

0-P



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

1-190-P
1-250-P
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

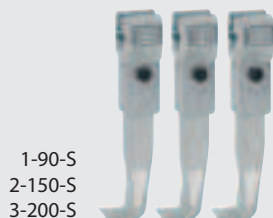
- Variable reach thanks to jaw extensions, available up to a puller size of -20.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Stability support from optional side clamp series 219

| Art.-No. |  4021176 |  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)

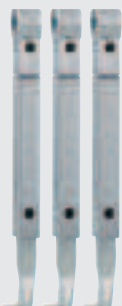
For removing bearings, gears, discs, etc.

0-S



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

1-190-S
1-250-S
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.

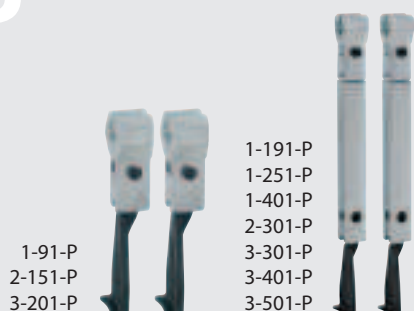
Advantage

- 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.

| Art.-No. |  4021176 |  mm |  |
|----------------|---|---|---|
| 1-90-S | -001413 | 100 | 30-1, 30-10 |
| 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 |
| 2-150-S | -002571 | 150 | 30-2, 30-20 |
| 2-300-S | -002816 | 300 | 30-2, 30-20 |
| 3-200-S | -003318 | 200 | 30-3, 30-30, 30-4, 30-40 |
| 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**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

| 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**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.

| 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 extremely narrow jaws (pair)

ST

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

4-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

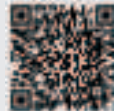
| Art.-No. |  40211176 |  mm |  |
|----------------|--|---|---|
| 1-94-P | -852039 | 100 | 20-1-S-T, 20-10-S-T |
| 1-194-P | -321399 | 200 | 20-1-S-T, 20-10-S-T |
| 1-254-P | -321498 | 250 | 20-1-S-T, 20-10-S-T |

3 extremely narrow jaws (set)

ST

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

4-S






Description

- Extra-thin pulling hooks in various lengths.
- Pulling hooks with infinite adjustment on the cross-beam.

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.

| Art.-No. |  40211176 |  mm |  |
|----------------|--|---|---|
| 1-94-S | -321580 | 100 | 30-1, 30-10, 30-1-ST, 30-10-ST |
| 1-194-S | -321412 | 200 | 30-1, 30-10, 30-1-ST, 30-10-ST |
| 1-254-S | -484520 | 250 | 30-1, 30-10, 30-1-ST, 30-10-ST |

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 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.
- Mechanical pressure screw.

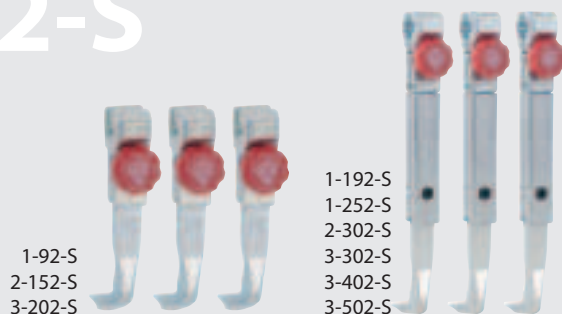
Advantage

- 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

| 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+ |

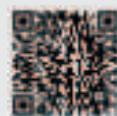
3 quick adjusting jaws (set)

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.

| 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

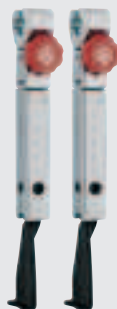
For removing bearings, gears, discs, etc. for tight or difficult-to-access spaces.

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



ARMLOCK
TECHNOLOGY

Glide&FIX
TECHNOLOGY

Quick adjust
TECHNOLOGY






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

| Art.-No. |  4021176 |  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



Glide&FIX
TECHNOLOGY

ARMLOCK
TECHNOLOGY

Quick adjust
TECHNOLOGY






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.

| Art.-No. |  4021176 |  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, quick adjusting jaws (pair)**ST**




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

5-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

| Art.-No. |  4021176 |  mm |  |
|----------------|---|---|---|
| 1-95-P | -321610 | 100 | 20-1+S, 20-10+S |
| 1-195-P | -321443 | 200 | 20-1+S, 20-10+S |
| 1-255-P | -321542 | 250 | 20-1+S, 20-10+S |

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**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.

| Art.-No. |  4021176 |  mm |  |
|----------------|---|---|---|
| 1-95-S | -321634 | 100 | 30-1+S, 30-10+S |
| 1-195-S | -321467 | 200 | 30-1+S, 30-10+S |
| 1-255-S | -321566 | 250 | 30-1+S, 30-10+S |

2 pulling jaws with adjustable length (Pair)**ST**




For removing bearings, gears, discs, etc.

SP-P**Description**

- Standard pulling hook with adjustable clamping depths.
- Pulling hooks with infinite adjustment on the cross-beam.
- Pulling hook with sliding part only available in pair of 2.
- Strong design, high performance and long service life.

Advantage

- Pulling hooks can be adjusted lengthwise and to meet the required clamping depths.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- As a replacement part or supplement to your Kukko puller.

| Art.-No. |  4021176 |  mm |  |
|---------------|---|---|---|
| 4-SP-P | -004636 | 300-500 | 20-3, 20-30, 20-4, 20-40 |
| 5-SP-P | -004971 | 400-700 | 20-5 |

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.

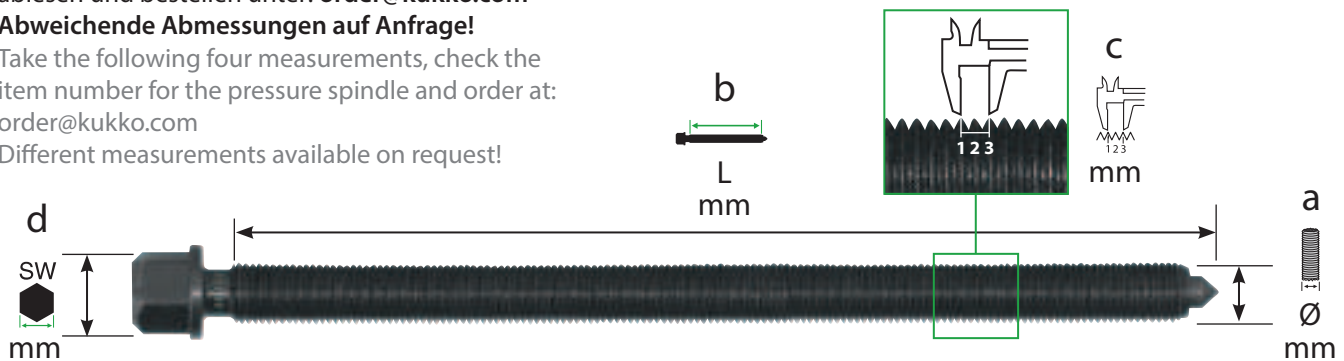
The correct determination of a replacement spindle if no item number is available.

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!



a
Messen Sie den Spindeldurchmesser.
Measure the spindle diameter.



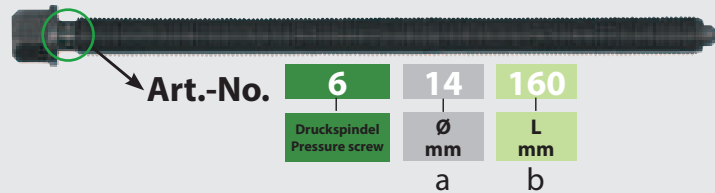
b
Messen Sie die Gewindelänge bis zur Spindelspitze.
Measure the thread length to the tip of the spindle.



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



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

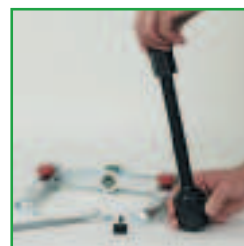


| Art.-No. | | passend zu/ suitable for | Gewinde/ thread | a mm | b mm | c mm | d mm | | | | | |
|----------|---------|--|--------------------|---------|---------|---------|---------|---|---|---|---|---|
| 608080 | -176241 | 48, 482-1 | M 8x1,25 | 8 | 80 | 3,75 | - | - | X | - | X | - |
| 608130 | -481086 | 482-2, 483-2 | M 8x1,25 | 8 | 130 | 3,75 | - | - | X | - | X | - |
| 609087 | -102493 | 41-1, 42-1, 43-1, 43-11, 43-12, 43-2 | M 9x1,25 | 9 | 87 | 3,75 | - | - | X | - | X | - |
| 609105 | -101403 | 41-2, 42-2, 43-3, 43-13 | M 9x1,25 | 9 | 105 | 3,75 | - | - | X | - | X | - |
| 610070 | -362446 | 41-0, 42-0 | M 10x1,5 | 10 | 75 | 4,50 | 13 | X | - | - | X | - |
| 610094 | -122118 | 204-0 | M 10x1,5 | 10 | 94 | 4,50 | - | - | X | - | - | X |
| 610110 | -433726 | 208-0, 209-0, 112-1, 112-10 | M 10x1,5 | 10 | 120 | 4,50 | 8 | X | - | - | - | X |
| 612080 | -238468 | 201-0, 202-0, 203-0 | M 12x1,5 | 12 | 85 | 4,50 | 13 | X | - | X | - | - |
| 612110 | -112881 | 205-00, 206-00, 207-00 | M 12x1,5 | 12 | 110 | 4,50 | 13 | X | - | X | - | - |
| 612130 | -077081 | 18-0, 44-1, 45-1, 14-01, 14-1 | M 12x1,5 | 12 | 130 | 4,50 | 13 | X | - | X | - | X |
| 612150 | -790201 | 41-3, 42-3 | M 12x1,5 | 12 | 150 | 4,50 | 13 | X | - | X | - | - |
| 612200 | -480744 | 482-3, 483-3 | M 12x1,75 | 12 | 210 | 5,25 | 13 | X | - | - | - | X |
| 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 | - | - |
| 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 | - | - |
| 614200 | -838576 | 14-3, 14-03 41-4, 42-4 | M 14x1,5 | 14 | 200 | 4,50 | 17 | X | - | X | - | - |
| 614250 | -306709 | K-2030-10, K-2030-10+S, K-2030-10+S+T, 70-2, 201-S, 202-S | M 14x1,5 | 14 | 250 | 4,50 | 17 | X | - | X | - | X |
| 616220 | -420856 | 112-3, 113-3 | M 16x1,5 | 16 | 220 | 4,50 | 17 | X | - | X | - | - |
| 616270 | -480829 | 482-4, 483-4 | M 16x2,0 | 16 | 270 | 6,00 | 17 | X | - | - | - | X |
| 616325 | -480904 | 482-5, 483-5 | M 16x2,0 | 16 | 325 | 6,00 | 17 | X | - | - | - | X |
| 618105 | -073779 | 204-1 | M 18x1,5 | 18 | 105 | 4,50 | 19 | X | - | X | - | - |
| 618175 | -074356 | 12-2, 18-1, 32-2, 110-2, 110-20 | M 18x1,5 | 18 | 175 | 4,50 | 19 | X | - | X | - | - |
| 618210 | -113048 | 44-3, 45-3 | M 18x1,5 | 18 | 210 | 4,50 | 19 | X | - | X | - | - |
| 620172 | -817946 | 28-1, 28-2 | M 20x2,5* | 20 | 170 | 7,50 | 24 | X | X | X | - | X |
| 620230 | -818028 | 28-3 | M 20x2,5* | 20 | 230 | 7,50 | 24 | X | X | - | - | X |
| 620250 | -818103 | 28-4 | M 20x2,5* | 20 | 250 | 7,50 | 24 | X | X | - | - | X |
| 621130 | -124358 | 204-2, 204-02 | G 1/2" / 14" | 20,955 | 130 | 5,40 | 22 | X | - | X | - | - |
| 621170 | -067181 | 18-2, 120-20, 130-20 | G 1/2" / 14" | 20,955 | 170 | 5,40 | 22 | X | - | X | - | - |
| 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 | - | - |
| 621300 | -765346 | 41-5, 42-5, 110-3, 110-4 | G 1/2" / 14" | 20,955 | 300 | 5,40 | 22 | X | - | X | - | - |
| 621355 | -236228 | 70-4, 112-4, 113-4 | G 1/2" / 14" | 20,955 | 355 | 5,40 | 22 | X | - | X | - | - |
| 623230 | -074684 | 12-3, 120-3, 120-30, 130-3 | G 5/8" / 14" | 22,911 | 230 | 5,40 | 24 | X | - | X | - | - |
| 623260 | -113123 | 44-4, 45-4 | G 5/8" / 14" | 22,911 | 260 | 5,40 | 24 | X | - | X | - | - |
| 623325 | -125263 | 44-5, 45-5, 113-5, 210-2, 210-3 | G 5/8" / 14" | 22,911 | 325 | 5,40 | 24 | X | - | X | - | - |
| 623360 | -814976 | 44-6, 45-6 | G 5/8" / 14" | 22,911 | 360 | 5,40 | 24 | X | - | X | - | - |
| 623450 | -832796 | 45-7 | G 5/8" / 14" | 22,911 | 450 | 5,40 | 24 | X | - | X | - | - |
| 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 | - | - |
| 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 | - | - |
| 626500 | -765377 | 12-5 | G 3/4" / 14" | 26,441 | 500 | 5,40 | 27 | X | - | X | - | - |
| 633400 | -765384 | 11-0, 18-4, 20-4, 46-1, 47-1 | G 1" / 14" | 33,249 | 400 | 6,90 | 36 | X | - | X | - | - |
| 633500 | -893452 | 20-AV, 46-2-A, 47-2-A | G 1" / 14" | 33,249 | 500 | 6,90 | 36 | X | - | X | - | - |
| 633600 | -866388 | 12-6, 12-7 | G 1" / 14" | 33,249 | 600 | 6,90 | 36 | X | - | X | - | - |
| 637350 | -893469 | 11-1, 11-2, 30-40, 30-5 | G 1 1/8" / 14" | 37,897 | 350 | 6,90 | 41 | X | - | X | - | - |
| 637500 | -893469 | 15-E | G 1 1/8" / 14" | 37,897 | 500 | 6,90 | 41 | X | - | X | - | - |
| 637600 | -169236 | 18-5, 20-5, 205-4, 207-4 | G 1 1/8" / 14" | 37,897 | 600 | 6,90 | 41 | X | - | X | - | - |




* Regelgewinde / coarse pitch thread



Backfitting 2- and 3-jaw pullers from mechanic up to hydraulic spindle



When using pullers with hydraulic spindles, the application of hydraulic pulling force must always be controlled, i.e., by the use of a torque wrench.

| Art. No. |  | max. | |  |  |
|-------------|---|------|-----|---|---|
| | | t | kN | | |
| 20-2+ | 8-01 | 7 | 70 | 150 | 12 |
| 20-20 | 8-01 | 7 | 70 | 150 | 12 |
| 20-20+ | 8-01 | 7 | 70 | 150 | 12 |
| 20-2-3 | 8-01 | 7 | 70 | 150 | 12 |
| 20-20-3 | 8-01 | 7 | 70 | 150 | 12 |
| 20-3 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-3+ | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-30 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-30+ | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-3-3 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-3-4 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-3-5 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-30-3 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-30-4 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-30-5 | 8-02 | 8,5 | 85 | 300 | 14 |
| 20-4 | 8-1-B | 15 | 150 | 400 | 45 |
| 20-4-3 | 8-1-B | 15 | 150 | 400 | 45 |
| 20-4-5 | 8-1-F | 15 | 150 | 400 | 45 |
| 20-40 | 8-1-B | 15 | 150 | 400 | 45 |
| 20-40-4 | 8-1-B | 15 | 150 | 400 | 45 |
| 20-40-5 | 8-1-F | 15 | 150 | 400 | 45 |
| 20-5 | 8-2-M | 15 | 200 | 650 | 30 |
| 30-2 | 8-01 | 7 | 70 | 150 | 12 |
| 30-2+ | 8-01 | 7 | 70 | 150 | 12 |
| 30-20 | 8-01 | 7 | 70 | 150 | 12 |
| 30-20+ | 8-01 | 7 | 70 | 150 | 12 |
| 30-2-3 | 8-01 | 7 | 70 | 150 | 12 |
| 30-20-3 | 8-01 | 7 | 70 | 150 | 12 |
| 30-3 | 8-02 | 10 | 100 | 250 | 15 |
| 30-3+ | 8-02 | 10 | 100 | 250 | 15 |
| 30-3-3 | 8-02 | 10 | 100 | 250 | 15 |
| 30-3-4 | 8-02 | 10 | 100 | 250 | 15 |
| 30-3-5 | 8-02 | 10 | 100 | 250 | 15 |
| 30-3-5 | 8-02 | 10 | 100 | 250 | 15 |

2- and 3-jaw puller with hydraulic spindle





| | | | |
|---------|------|----------------|-------|
| 20-2 | 8-01 | 7,0 to / 70 kN | 12 Nm |
| 20-2+ | 8-01 | 7,0 to / 70 kN | 12 Nm |
| 20-20 | 8-01 | 7,0 to / 70 kN | 12 Nm |
| 20-20+ | 8-01 | 7,0 to / 70 kN | 12 Nm |
| 20-2-3 | 8-01 | 7,0 to / 70 kN | 12 Nm |
| 20-20-3 | 8-01 | 7,0 to / 70 kN | 12 Nm |
| 20-3 | 8-02 | 8,5 to / 85 kN | 14 Nm |
| 20-3+ | 8-02 | 8,5 to / 85 kN | 14 Nm |
| 20-30 | 8-02 | 8,5 to / 85 kN | 14 Nm |

12 Nm
12 Nm
14 Nm
14 Nm



When using pullers with hydraulic spindles, the application of hydraulic pulling force must always be controlled, i.e., by the use of a torque wrench.

| Art. No. | incl.  | max. | |  max. Nm |
|-------------|---|------|-----|--|
| | | t | kN | |
| 20-2-B | 8-01 | 7 | 70 | 12 |
| 20-20-B | 8-01 | 7 | 70 | 12 |
| 20-3-B | 8-02 | 10 | 100 | 15 |
| 20-30-B | 8-02 | 10 | 100 | 15 |
| 20-4-B | 8-1-B | 15 | 150 | 45 |
| 20-40-B | 8-1-B | 15 | 150 | 45 |
| 20-2-3-B | 8-01 | 7 | 70 | 12 |
| 20-20-3-B | 8-01 | 7 | 70 | 12 |
| 20-3-3-B | 8-02 | 10 | 100 | 15 |
| 20-3-4-B | 8-02 | 10 | 100 | 15 |
| 20-3-5-B | 8-02 | 10 | 100 | 15 |
| 20-30-3-B | 8-02 | 10 | 100 | 15 |
| 20-30-4-B | 8-02 | 10 | 100 | 15 |
| 20-30-5-B | 8-02 | 10 | 100 | 15 |
| 20-4-3-B | 8-1-B | 15 | 150 | 45 |
| 20-4-4-B | 8-1-B | 15 | 150 | 45 |
| 20-4-5-B | 8-1-B | 15 | 150 | 45 |
| 20-40-4-B | 8-1-B | 15 | 150 | 45 |
| 20-40-5-B | 8-1-B | 15 | 150 | 45 |
| 20-2+B | 8-01 | 7 | 70 | 12 |
| 20-20+B | 8-01 | 7 | 70 | 12 |
| 20-3+B | 8-02 | 10 | 100 | 15 |
| 20-30+B | 8-02 | 10 | 100 | 15 |
| 30-2-B | 8-01 | 7 | 70 | 12 |
| 30-20-B | 8-01 | 7 | 70 | 12 |
| 30-3-B | 8-02 | 10 | 100 | 15 |
| 30-2-3-B | 8-01 | 7 | 70 | 12 |
| 30-20-3-B | 8-01 | 7 | 70 | 12 |
| 30-3-3-B | 8-02 | 10 | 100 | 15 |
| 30-3-4-B | 8-02 | 10 | 100 | 15 |
| 30-3-5-B | 8-02 | 10 | 100 | 15 |
| 30-2+B | 8-01 | 7 | 70 | 12 |
| 30-20+B | 8-01 | 7 | 70 | 12 |
| 30-3+B | 8-02 | 10 | 100 | 15 |



Long hydraulic spindles

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

8








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 |  mm |  mm | max. t | max. Nm | Bezeichnung description |  |
|----------------|---|--|--|--|-----------|------------|----------------------------|---|
| 8-1-B | -034596 | 250 | R1" | 10 | 15 | 45 | Spindel komplett | 18-4, 20-4, 20-40 |
| 8-1-F | -034671 | 350 | R1" | 10 | 15 | 45 | Spindel komplett | 46-1-A, 46-1-B, 46-2-A, 46-2-B, 47-1-A, 47-1-B, 47-2-A, 47-2-B |
| 8-1 | -034428 | - | - | 10 | 15 | 45 | Oberteil | 8-1-B, 8-1-F |
| 8-B | -034183 | - | - | - | - | - | Unterteil | 8-1-B |
| 8-F | -034268 | - | - | - | - | - | Unterteil | 8-1-F |
| 8-1-ERS | -243721 | - | - | - | - | - | Verschleißteilsatz | 8-1 |
| 8-2-K | -034831 | 250 | R1/8" | 10 | 20 | 30 | Spindel komplett | 11-1, 11-2 |
| 8-2-M | -034916 | 350 | R1/8" | 10 | 20 | 30 | Spindel komplett | 18-5, 20-5 |
| 8-2 | -034756 | - | - | 10 | 20 | 30 | Oberteil | 8-2-K, 8-2-M |
| 8-K | -035098 | - | - | - | - | - | Unterteil | 8-2-K |
| 8-M | -035173 | - | - | - | - | - | Unterteil | 8-2-M |
| 8-2-ERS | -243806 | - | - | - | - | - | Verschleißteilsatz | 8-2 |

Short hydraulic spindles

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. |  |  mm |  mm |  mm | max. t | max. Nm |
|----------------|---|---|--|--|-----------|------------|
| 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 | | | | |

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. | 40211761 | mm | max. t | max. Nm | Bezeichnung description | |
|----------|----------|----|-----------|------------|--|--|
| 8-01 | -887871 | 10 | 10 | 11 | Spindel komplett | 12-4, 12-5, 18-2, 20-2, 20-20, 30-2, 30-20, 41-5, 42-5, 205-02, 206-02, 207-02 |
| 8-02 | -887901 | 12 | 12 | 13 | Spindel komplett | 12-6, 12-7, 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 und Sicherungsschraube | - |
| 8-02ERS | -887918 | - | - | - | Verschleißteilsatz | - |
| 8-02-176 | -821769 | - | - | - | Kopfschrauben mit Spindel und Sicherungsschraube | 8-02 |

Auxiliary hydraulic ram

ST

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

9



Description

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

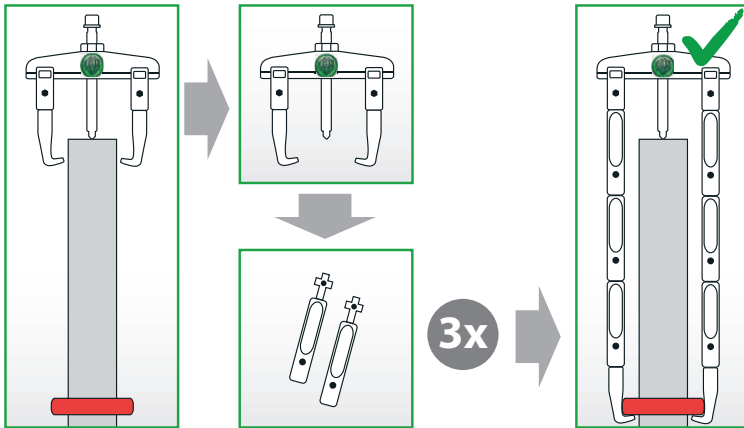
Advantage

- 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. | 40211761 | Ø mm | mm | mm | max. t | max. Nm |
|----------|----------|---------|-----|----|-----------|------------|
| 9-1 | -005053 | 37 | 60 | 10 | 10 | 35 |
| 9-2 | -005138 | 50 | 87 | 15 | 15 | 50 |
| 9-3 | -924408 | 80 | 113 | 7 | 30 | 35 |



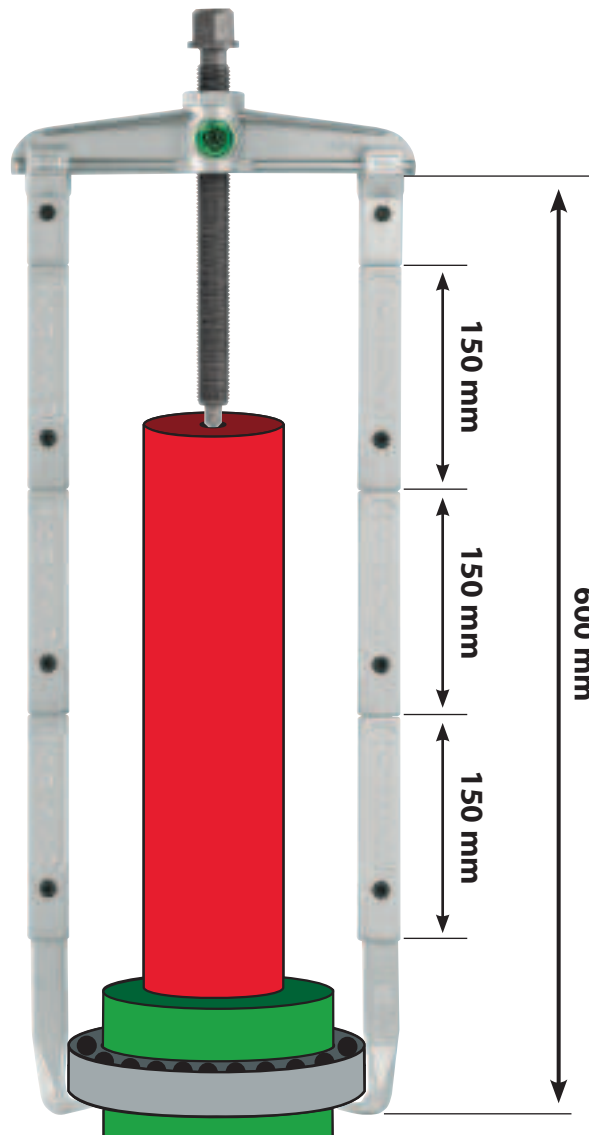
TIP: Modular extensions



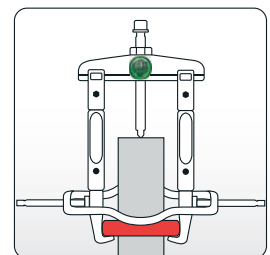
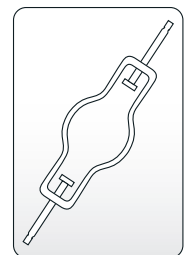
For the 20 and 30 series, we offer modular extensions. If the part to be removed sits deep inside a shaft, jaw extensions will be needed.

| 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.



2 jaw extensions (pair)**ST**




For removing bearings, gears, discs, etc.

V-P**Beschreibung**

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

Vorteil

- 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 Abzughakenverlängerungen (Satz)**ST**




For removing bearings, gears, discs, etc.

V-S**Beschreibung**

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

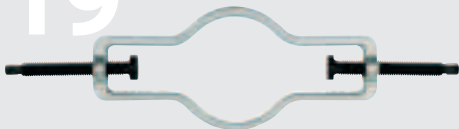
Vorteil

- 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 |

Spannzwinde für 2-armige Abzieher**ST**

Zur Stabilitätsunterstützung bei Abziehvorgängen mit Verlängerungen Baureihe V-P

219**Beschreibung**

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



| Art.-No. |  |  mm |  mm |  mm |
|----------|---|---|---|---|
| 219-1 | -777777 | 40 | 190 | 8 |

Druckstück-Baukasten**ST**

Zum Abstützen der Druckspindel bei hohler Welle

600-17**Beschreibung**

- A total of 3 different pressure pads.
- Self-healing corrosion protection KUKKCoating for galvanized parts.

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



Pullers with swivelling jaws

Universal 2-jaw puller with swiveling jaws

ST

For removing bearings, gears, discs, etc.

41



41-0



41-1
41-2



41-3
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 standard for optimal force distribution.
- Rotating standard puller hook.
- Two-jaw 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. |  |  |  |  | max. t |  max. Nm |
|----------|---|---|---|---|-----------|---|
| 41-0 | -362859 | 60 | 40 | 13 | 1,0 | 25 |
| 41-1 | -015038 | 65 | 65 | - | 1,0 | - |
| 41-2 | -015113 | 80 | 80 | - | 1,5 | - |
| 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







Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 42 standard for optimal force distribution.
- Lubricating hydraulics.
- Rotating standard puller hook.
- Two-jaw 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. |  |  |  |  | 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
42-242-3
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. | | | | | max. | |
|----------|---------|-----|-----|----|------|-----|
| | | mm | mm | mm | t | Nm |
| 42-0 | -362026 | 60 | 40 | 13 | 1,5 | 25 |
| 42-1 | -015298 | 65 | 65 | - | 1,5 | - |
| 42-2 | -015373 | 80 | 80 | - | 1,5 | - |
| 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



Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 41 standard 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.

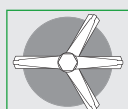
| Art.-No. | | | | | max. | mit with |
|----------|---------|-----|-----|----|------|----------|
| | | mm | mm | mm | t | |
| 42-5-B | -887352 | 180 | 200 | 22 | 7 | 8-01 |

Universal 2-jaw puller with swiveling jaws

ST

For pulling tight-fitting bearings, gears, discs, etc.

46



Description

- Rotating standard puller hook.
- Two-jaw design for space-saving operation.
- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 47 for optimal distribution of force.
- 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 for particularly tight-fitting parts also available as an option.
- 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 | mm | t | Nm |
| 46-1-A | -016936 | 300 | 300 | 36 | 12 | 450 |
| 46-2-A | -017193 | 500 | 450 | 36 | 12 | 450 |

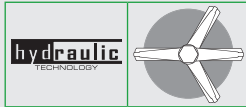


Universal 2-jaw puller with long hydraulic spindle and swiveling jaws(including mechanical pressure screw)

ST

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

46








Description

- Lubricating hydraulics.
- Rotating standard puller hook.
- Two-jaw design for space-saving operation.
- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 47 for optimal distribution of force.
- 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.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

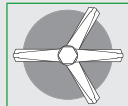
| Art.-No. |  |  |  |  | max. |  max. | mit with |
|----------|---|---|---|---|------|--|-------------|
| | | mm | mm | mm | t | Nm | |
| 46-1-B | -017018 | 300 | 300 | 36 | 15 | 45 | 8-1-F |
| 46-2-B | -017278 | 500 | 450 | 36 | 15 | 45 | 8-1-F |

Universal 3-jaw puller with swiveling jaws

ST

For pulling tight-fitting bearings, gears, discs, etc.

47








Description

- Combi-pullers can be used as a 3-jaw and 2-jaw puller.
- 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 for particularly tight-fitting parts also available as an option.
- Hydraulic extra press series 9 available as an option for particularly tight parts.
- All components available as replacement parts, time-saving order process thanks to numbering system.

| Art.-No. |  |  |  |  | max. |  max. |
|----------|---|---|---|---|------|--|
| | | mm | mm | mm | t | Nm |
| 47-1-A | -017681 | 300 | 300 | 36 | 12 | 450 |
| 47-2-A | -017841 | 500 | 450 | 36 | 12 | 450 |

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

ST

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

47








Description

- Combi-pullers can be used as a 3-jaw and 2-jaw puller.
- Lubricating hydraulics.
- Rotating standard puller hook.
- Two-jaw design for space-saving operation.
- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 46.
- 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.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

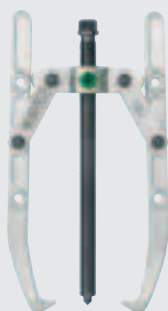
| Art.-No. |  |  |  |  | max. |  max. | mit with |
|----------|---|---|---|---|------|--|-------------|
| | | mm | mm | mm | t | Nm | |
| 47-1-B | -017766 | 300 | 300 | 36 | 15 | 45 | 8-1-F |
| 47-2-B | -017926 | 500 | 450 | 36 | 15 | 45 | 8-1-F |

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 standard for optimal force distribution.
- Rotating standard puller hook.
- Two-jaw 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.

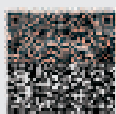
| Art.-No. | | | | | | max. | |
|----------|---------|-----|-----|---|----|------|---------|
| | | mm | mm | | mm | t | max. Nm |
| 205-00 | -028571 | 100 | 100 | 2 | 13 | 3,5 | 50 |
| 205-01 | -028656 | 150 | 150 | 2 | 17 | 5 | 120 |
| 205-02 | -028731 | 250 | 220 | 2 | 22 | 7 | 150 |
| 205-1 | -028816 | 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 standard for optimal force distribution.
- Rotating standard puller hook.
- Two-jaw 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. | | | | | max. | mit with |
|----------|---------|-----|-----|---|------|----------|
| | | mm | mm | | t | |
| 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 standard.
- Rotating standard puller hook.
- The three-jaw 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

- 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 |  x |  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 standard.
- Rotating standard puller hook.
- The three-jaw 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 |  x | 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. 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-jaw 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. t | mit 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 | 8-02 |



2-jaw pullers for roller bearings, swedish model

ST

For removing bearings, gears, discs, etc.

112








Description

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

Advantage

- Quick adjustment of the spread by a knurled cone.
- 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.

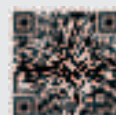
| Art.-No. |  |  mm |  mm |  mm | max. t |  max. Nm |
|----------|---|---|---|---|-----------|---|
| 112-1 | -418143 | 55 | 45 | 8 | 1,5 | 25 |
| 112-10 | -418891 | 65 | 70 | 8 | 1,5 | 25 |
| 112-2 | -419218 | 90 | 70 | 17 | 3 | 55 |
| 112-20 | -420283 | 100 | 100 | 17 | 3 | 55 |
| 112-3 | -420368 | 185 | 165 | 17 | 4 | 65 |

3-jaw pullers for roller bearings, swedish model

ST

For removing bearings, gears, discs, etc.

113








Description

- Standard pulling hook.
- Automatic self-centering pulling hooks.
- The three-jaw 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.
- 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.

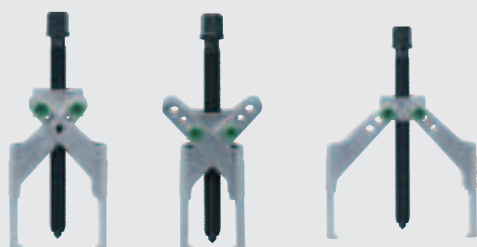
| Art.-No. |  |  mm |  mm |  mm | max. t |  max. Nm |
|----------|---|---|---|---|-----------|---|
| 113-20 | -422423 | 125 | 100 | 17 | 3 | 45 |
| 113-3 | -422751 | 185 | 165 | 17 | 4 | 60 |

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 |



Pullers with self-centering jaws

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



Description

- Thin pulling hooks.
- Automatic self-centering pulling hooks.
- Two-jaw 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. | | | | | | |
|----------|---------|-------|-------|--------|-------|--------|
| 43-001 | -913518 | 60 mm | 50 mm | 1,5 mm | 10 mm | 4,5 mm |

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



Description

- Thin pulling hooks.
- Automatic self-centering pulling hooks.
- The three-jaw 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 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. | | | | | | |
|----------|---------|-------|-------|--------|-------|--------|
| 43-011 | -913501 | 60 mm | 50 mm | 1,5 mm | 10 mm | 4,5 mm |



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-jaw design for space-saving operation.
- Mechanical pressure screw.

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.
- 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 |
| 43-1 | -015458 | 60 | 50 | 1 |
| 43-2 | -015861 | 70 | 70 | 1 |
| 43-3 | -015946 | 80 | 80 | 1 |

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-jaw design for space-saving operation.
- Mechanical pressure screw.

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.
- 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 |
| 43-11 | -015526 | 60 | 50 | 1,5 |
| 43-12 | -015601 | 70 | 70 | 1,5 |
| 43-13 | -015786 | 80 | 80 | 1,5 |

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-jaw 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.

| Art.-No. |  |  |  |  | max. |  |
|----------|---|---|---|---|------|---|
| | | mm | mm | mm | t | 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-jaw 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. |  4021176 |  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 |



Pullers with Auto-Snap

Universal 2-jaw pullers with Auto-Snap

ST

482



482-1



482-2



482-3
482-4
482-5








Description

- Thanks to the integrated force transmission via the spring mechanism, the clamping force increases in proportion to the pulling force.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The elastic effect and slim design enables parts to be pulled in difficult-to-reach places.
- 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 | mm | t | Nm |
| 482-1 | -479779 | 60 | 40 | - | 1,5 | - |
| 482-2 | -479854 | 85 | 90 | - | 1,5 | - |
| 482-3 | -479939 | 150 | 150 | 10 | 2,5 | 35 |
| 482-4 | -480096 | 200 | 200 | 13 | 3 | 40 |
| 482-5 | -480171 | 250 | 250 | 13 | 3 | 40 |

Universal 2-jaw pullers with Auto-Snap

ST

483








Description

- Thanks to the integrated force transmission via the spring mechanism, the clamping force increases in proportion to the pulling force.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The elastic effect and slim design enables parts to be pulled in difficult-to-reach places.
- 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 | mm | t | Nm |
| 483-2 | -480331 | 85 | 90 | - | 1,5 | - |
| 483-3 | -480416 | 150 | 150 | 10 | 2,5 | 35 |
| 483-4 | -480584 | 200 | 200 | 13 | 3 | 40 |
| 483-5 | -480669 | 250 | 250 | 13 | 3 | 40 |

2-jaw Auto-Snap pullers in display package

ST

482






Description

- Thanks to the integrated force transmission via the spring mechanism, the clamping force increases in proportion to the pulling force.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Strong design, high performance and long service life.

Advantage

- The elastic effect and slim design enables parts to be pulled in difficult-to-reach places.
- 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 |  |
|----------|---|---|--------------|---|
| K-482 | -123245 | 482-1, 482-2, 482-3 | 3 | i-Boxx |



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.

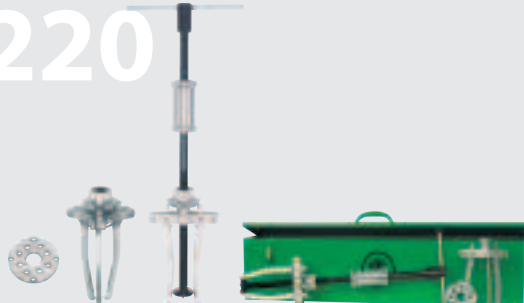
| Art.-No. |  |  mm |  mm |
|----------|--|---|---|
| 220-03 | -779091 | 200 | 165 |

Universal puller with slide hammer

ST

For removing bearings, gears, discs, etc.

220



220

220-K







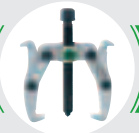
Description

- 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-jaw puller for fan wheels

ST

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

201-S



Description

- Two-jaw design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

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. | | | | | | max. | |
|----------|---------|-----|-----|---|----|------|----|
| | | mm | mm | | mm | t | Nm |
| 201-S | -026911 | 200 | 200 | 3 | 17 | 1,5 | 30 |

3-jaw puller for fan wheels

ST

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

202-S



Description

- 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.

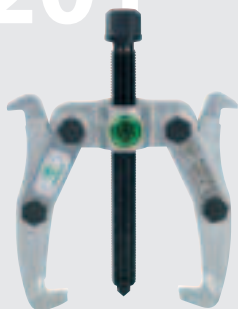
| Art.-No. | | | | | | max. | |
|----------|---------|-----|-----|---|----|------|----|
| | | mm | mm | | mm | t | Nm |
| 202-S | -027581 | 200 | 200 | 3 | 17 | 2 | 35 |

2-jaw 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 standard for optimal force distribution.
- Rotating and reversible puller hooks.
- Two-jaw 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 | | mm | mm | t | Nm |
| 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-jaw 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 standard 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.

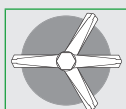
| Art.-No. | | | | | | | max. | |
|----------|---------|-----|-----|---|----|----|------|---------|
| | | mm | mm | x | mm | mm | t | max. Nm |
| 202-0 | -027093 | 100 | 75 | 1 | - | 14 | 1,5 | 25 |
| 202-1 | -027178 | 150 | 85 | 1 | - | 17 | 5 | 75 |
| 202-2 | -027253 | 220 | 130 | 1 | 8 | 22 | 7 |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

3-jaw 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. | | | | | | | max. | |
|----------|---------|-----|-----|---|----|-----|------|---------|
| | | mm | mm | x | mm | mm | 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 | |



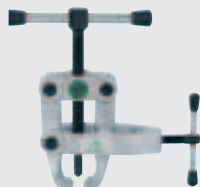
Pullers with side clamp

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

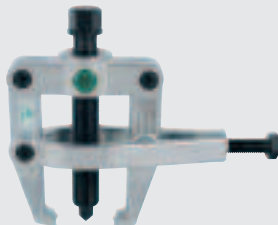
ST

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.
- 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. | max. |
|----------|---------|----|-----|----|------|------|
| | | mm | mm | mm | t | Nm |
| 204-0 | -028168 | 50 | 70 | - | 1 | - |
| 204-02 | -339516 | 90 | 100 | 22 | 4 | 75 |

Universal 2-jaw 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.

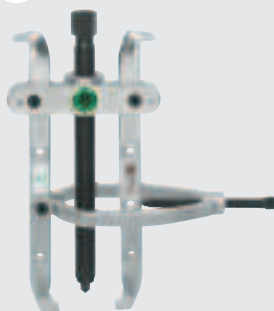
Advantage

- 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. | | | | | max. | max. |
|----------|---------|-----|-----|----|------|------|
| | | mm | mm | mm | t | 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-jaw 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-jaw 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.

| 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 |

Universal puller set with side clamp**ST**







Universal puller set with side clamp

K-204-02-210-1**Description**

- Collar can be used for both pullers and provides additional stability and support for the separation process.
- The legs of the puller feature an adjustable height, are partially invertible, and have standard pulling and separating claws.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Advantage

- Set includes tool for performing the application.
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

| Art.-No. |  |  mm |  mm |  mm |  |  |
|-----------------------|---|--|---|---|---|---|
| K-204-02-210-1 | -038464 | 90 - 100 | 100 - 170 | 17, 22 | 5 | 204-02, 210-1, 225-150, 1007-17, 1007-22 |



Pullers with adjustable jaws

3-jaw „alligator“ pullers with pre-settable jaws

ST

For removing bearings, gears, discs, etc.

12








Description

- Standard pulling hook.
- Moving and slipping is prevented by self lock.
- The three-jaw 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

- The Alligator conversions ensure that the pulling hooks can only be opened and closed by operating the adjustment spanner. The grip of the conversions is therefore as strong as an alligator's bite.
- A tube of KUKKO special grease included for pressure spindle.






| Art.-No. |  |  mm |  mm |  mm | max. t |  max. Nm |
|----------|---|---|---|---|-----------|---|
| 12-1 | -006616 | 100 | 100 | 17 | 8 | 180 |
| 12-2 | -006791 | 150 | 125 | 19 | 9 | 190 |
| 12-3 | -006876 | 200 | 165 | 24 | 10 | 250 |

3-jaw „Tirax“ puller with pre-settable jaws for inside and outside pulling

ST

12



| Art.-No. |  |  mm |  mm |  mm | max. t |  max. Nm |
|----------|---|---|---|---|-----------|---|
| 12-4 | -850509 | 250 | 225 | 27 | 10 | 300 |
| 12-5 | -850684 | 350 | 275 | 27 | 10 | 300 |
| 12-6 | -850769 | 450 | 300 | 36 | 10 | 280 |
| 12-7 | -850844 | 650 | 350 | 36 | 10 | 280 |



Small part puller

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

ST

140



Description

- Extra narrow gripping jaws.
- Mechanical pressure screw.

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

For speedometer cable, pressure gauges, clocks, model building, etc.

ST

140-S



Description

- Extra narrow gripping jaws.
- Mechanical pressure screw.

Advantage

- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- Product video on the product can be opened.

| Art.-No. | | mm | 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 | 140-1, 140-2, 140-3 | 11 | L-Boxx MINI |

Small-part puller

For speedometer cable, pressure gauges, clocks, model building, etc.

ST

Micro



Description

- Extra narrow gripping jaws.
- Mechanical pressure screw.

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.
- Product video on the product can be opened.

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



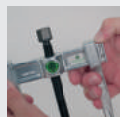
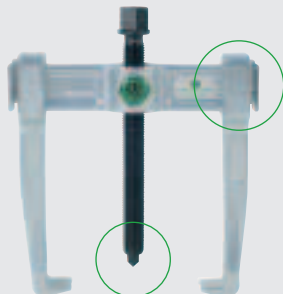
Puller Economy

Universal 2-jaw pullers „Vario“

ST

For removing bearings, gears, discs, etc.

120







Description

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

Advantage

- Replaceable spindle tip.
- 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 | 150 | 100 | 17 |
| 120-2 | -918636 | 150 | 150 | 17 |
| 120-20 | -918674 | 250 | 150 | 17 |
| 120-3 | -918711 | 250 | 200 | 24 |
| 120-30 | -918759 | 350 | 200 | 24 |

Sales display „Economy“

ST

For removing bearings, gears, discs, etc.

120-ST





Description

- The sales and workshop stands enable 2-jaw pullers to be stored and presented safely.
- Standard pulling hook.
- Two-jaw 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-jaw pullers „Vario“

ST

130

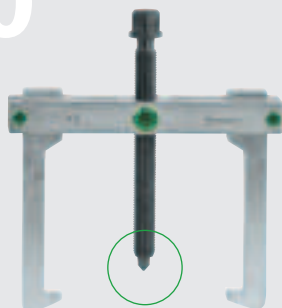


| Art.-No. |  |  mm |  mm |  mm |
|----------|---|---|---|---|
| 130-10 | -918834 | 110 | 100 | 17 |
| 130-2 | -918872 | 150 | 150 | 17 |
| 130-20 | -918919 | 200 | 150 | 17 |
| 130-3 | -918957 | 250 | 200 | 24 |

Universal 2-jaw pullers „Techno“

For removing bearings, gears, discs, etc.





110

**Description**

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

Advantage

- Replaceable spindle tip (from 110-1).
- 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 |



Universal 2-jaw puller with adjustable reach and swiveling jaws

ST

For removing bearings, gears, discs, etc.

208









Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller series 209 for optimal force distribution.
- Curved, swiveling standard puller hooks with height adjustment.
- Two-jaw 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.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.

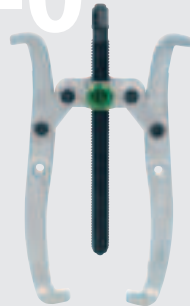
| Art.-No. |  |  |  |  |  | max. |  |
|----------|---|---|---|---|---|------|---|
| | | mm | mm | | mm | t | Nm |
| 208-01 | -432408 | 20 - 170 | 95 - 125 | 2 | 17 | 2 | 20 |
| 208-02 | -432651 | 20 - 230 | 150 - 190 | 2 | 22 | 2,5 | 50 |

2-jaw puller with reversible double-end jaws

ST

For removing bearings, gears, discs, etc.

208-0









Description

- If there is adequate free space around the part to be removed, we recommend using a 3-jaw puller series 209-0 standard for optimal force distribution.
- Rotating and reversible puller hooks.
- Two-jaw design for space-saving operation.
- Parallel pulling hooks in every position, even with full load.
- Mechanical pressure screw.

Advantage

- The pulling hooks are reversible and can be used on both sides with various different types of hooks.
- Universal application thanks to adjustable clamping depths.
- 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. |  |  |  |  |  | max. |  |
|----------|---|---|---|---|---|------|---|
| | | mm | mm | | mm | t | Nm |
| 208-0 | -432248 | 100 | 50 - 100 | 2 | 8 | 1 | 20 |

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

ST

For removing bearings, gears, discs, etc.

209









Description

- If there is not adequate free space around the part to be removed, we recommend a 2-jaw puller series 208 for optimal force distribution.
- Curved, swiveling standard puller hooks with height adjustment.
- Two-jaw design for space-saving operation.
- Mechanical pressure screw.
- Milled thread treated with special coating.

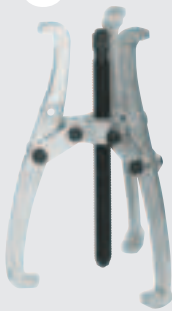
Advantage

- 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.
- 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 | | mm | t | Nm |
| 209-01 | -432576 | 20 - 170 | 95 - 125 | 2 | 17 | 2 | 20 |
| 209-02 | -432736 | 20 - 230 | 150 - 190 | 2 | 22 | 2,5 | 50 |

3-jaw puller with reversible double-end jaws**ST**







For removing bearings, gears, discs, etc.

209-0**Description**

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 208-0 standard for optimal force distribution.
- Rotating and reversible puller hooks.
- The three-jaw 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.
- Mechanical pressure screw.

Advantage

- The pulling hooks are reversible and can be used on both sides with various different types of hooks.
- Universal application thanks to adjustable clamping depths.
- 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 |
|--------------|---|---|---|--|---|-----------|---|
| 209-0 | -432323 | 100 | 50 - 100 | 2 | 8 | 1 | 20 |





Internal extracting

Innen-Ausziehen

02

| | |
|--|----|
| Selection of the right internal puller type..... | 74 |
| Auswahl der richtigen Innen-Ausziehvorrichtung | |
| Combination options..... | 76 |
| Kombinationsmöglichkeiten | |
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| Slide hammers and sets..... | 79 |
| Gleithämmer und Sätze | |
| Counterstays and sets..... | 82 |
| Gegenstützen und Sätze | |
| Accessories for internal pulling..... | 85 |
| Passstifte | |

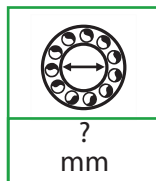
| |
|----|
| 01 |
| 02 |
| 03 |
| 04 |
| 05 |
| 06 |
| 07 |
| 08 |
| 09 |
| 10 |
| 11 |
| 12 |



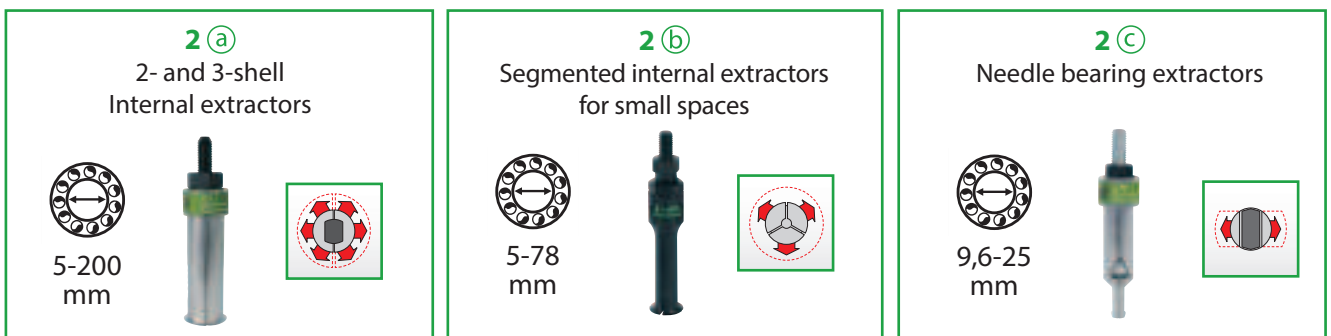
Selection of the right internal puller type



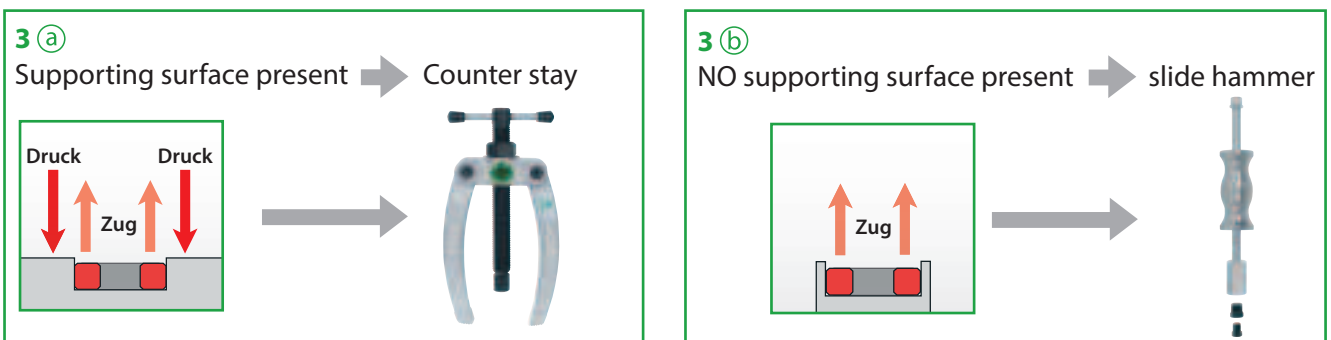
1st step: What is the interior diameter of the ball bearing



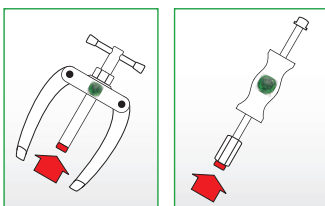
2nd step: Selection of the internal puller



3rd step: What is access like?



Combinations of internal pullers with counter stays and slide hammers



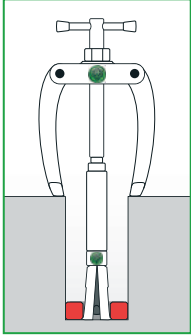
Counter stays and slide hammers can be combined with internal extractors of various sizes.
The appropriate thread adapters are delivered with orders for counter stays and slide hammers.



Mode of operation

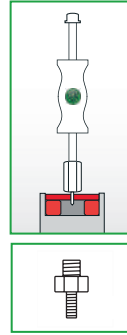
For pulling internal ball bearings, ball bearing outer rings and bushings. The bearings are securely grasped by the internal puller, in the inner ring, and quickly removed using the clamping effect. In order to be able to remove a bearing with an internal puller, a counter support or a slide hammer from series 22 will always be required.

Accessories: Extensions



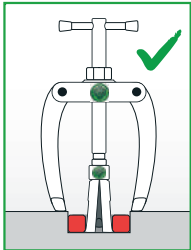
Many of the KUKKO internal extractors in the 21 series (not 21-E) can be expanded using an extension (series 21-V) for extracting parts set deep inside a bushing.

Accessories: Thread adapters

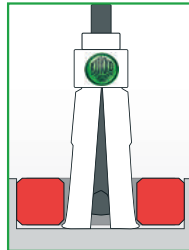
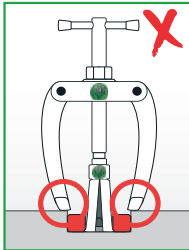


The KUKKO slide hammers can be used in combination with the thread adapters 22-1-AS anywhere where the threaded pin can be screwed directly into the part that needs to be removed.

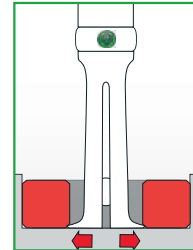
Safety instructions for internal pulling



When using a counter stay, ensure that the jaws of the counter stay do not block the part being removed.



Note: the internal extractors must grip firmly underneath the part to be removed.



If there is too little space in the bushing below the part to be removed, an internal extractor from series 21-E may be used..

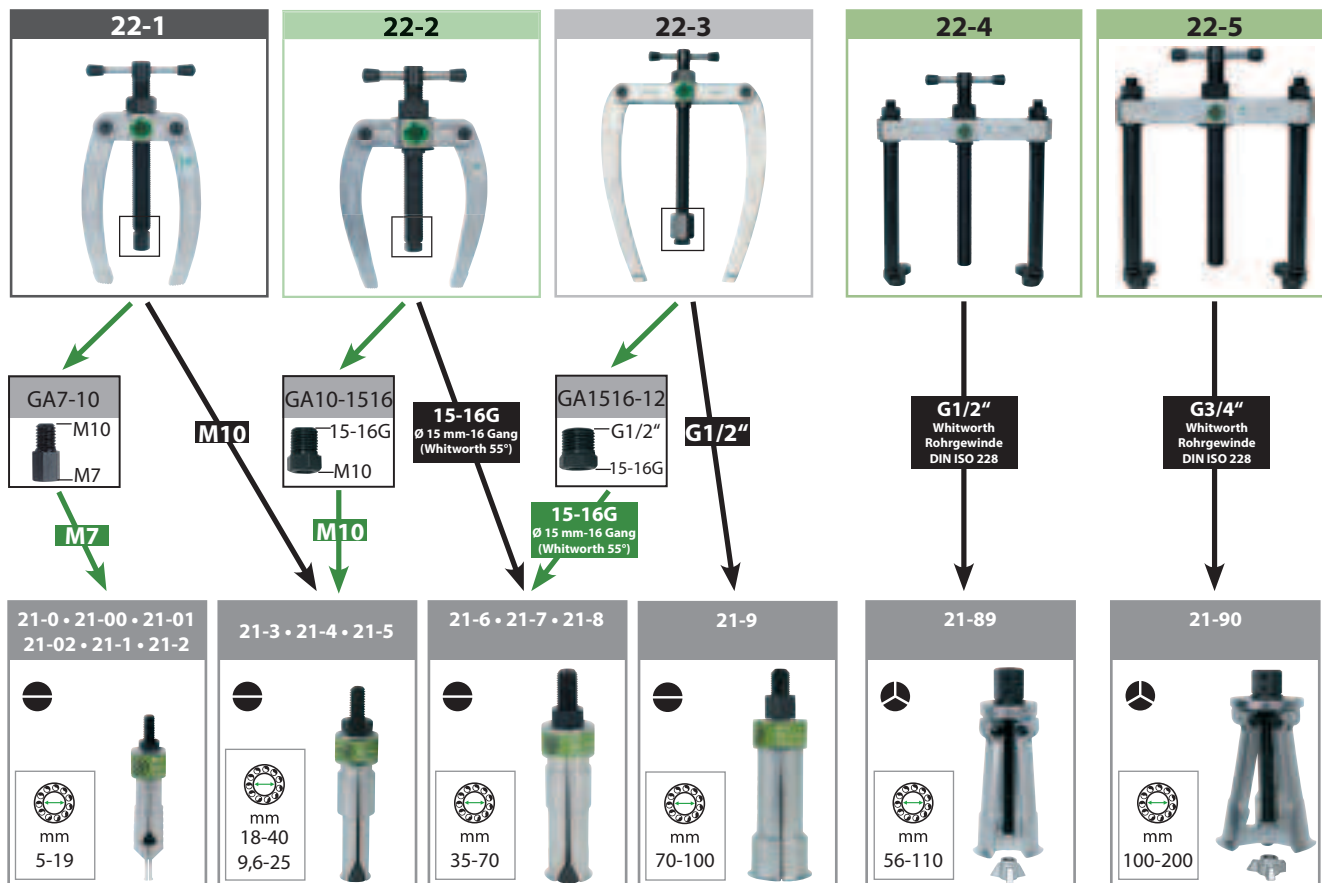
The QR codes guide you to more information and usage videos online



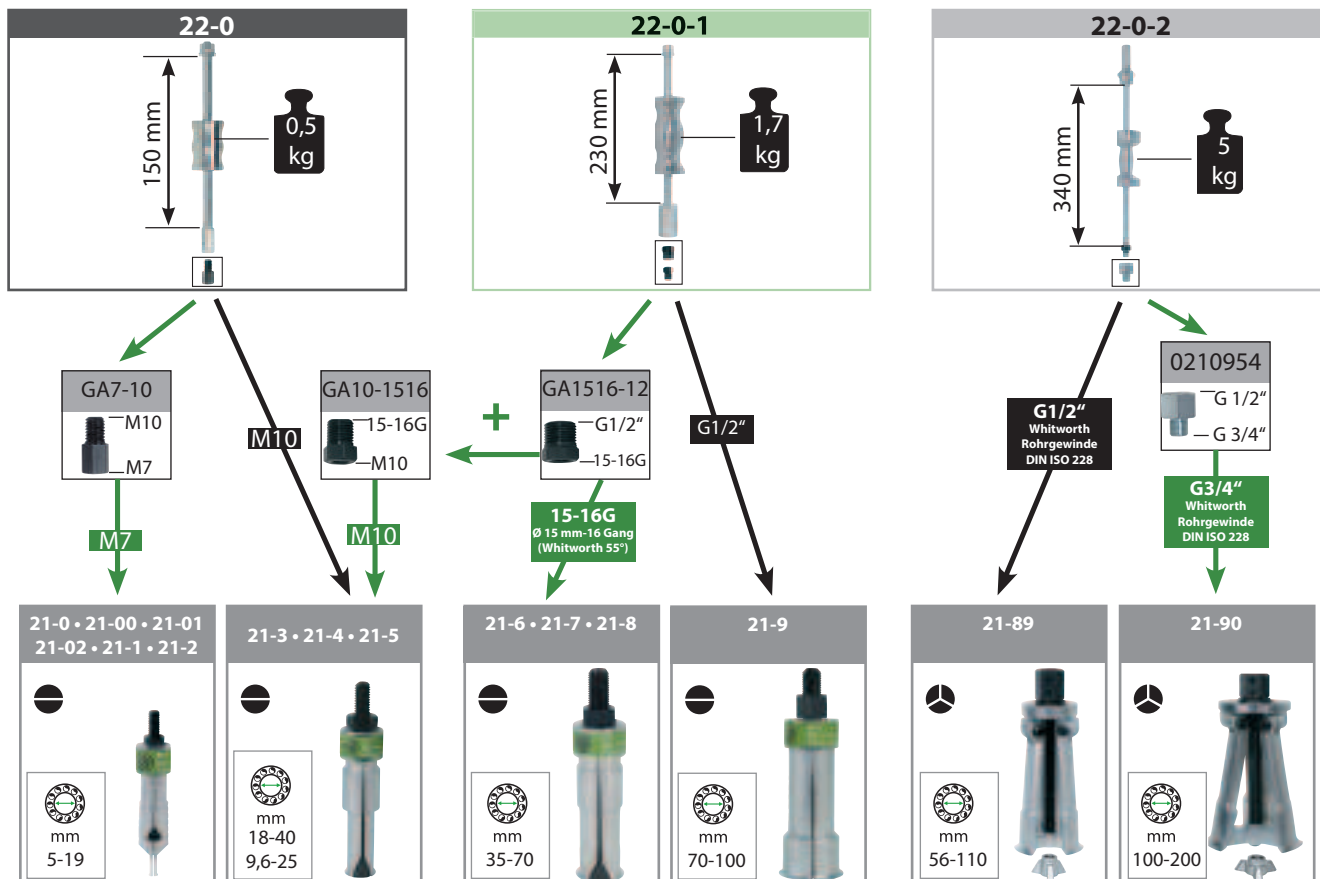
**Just scan and
experience KUKKO!**



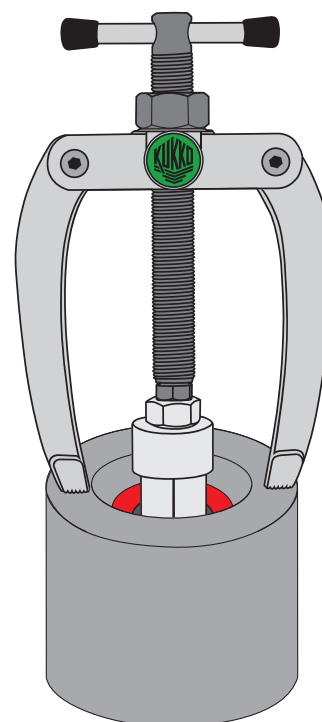
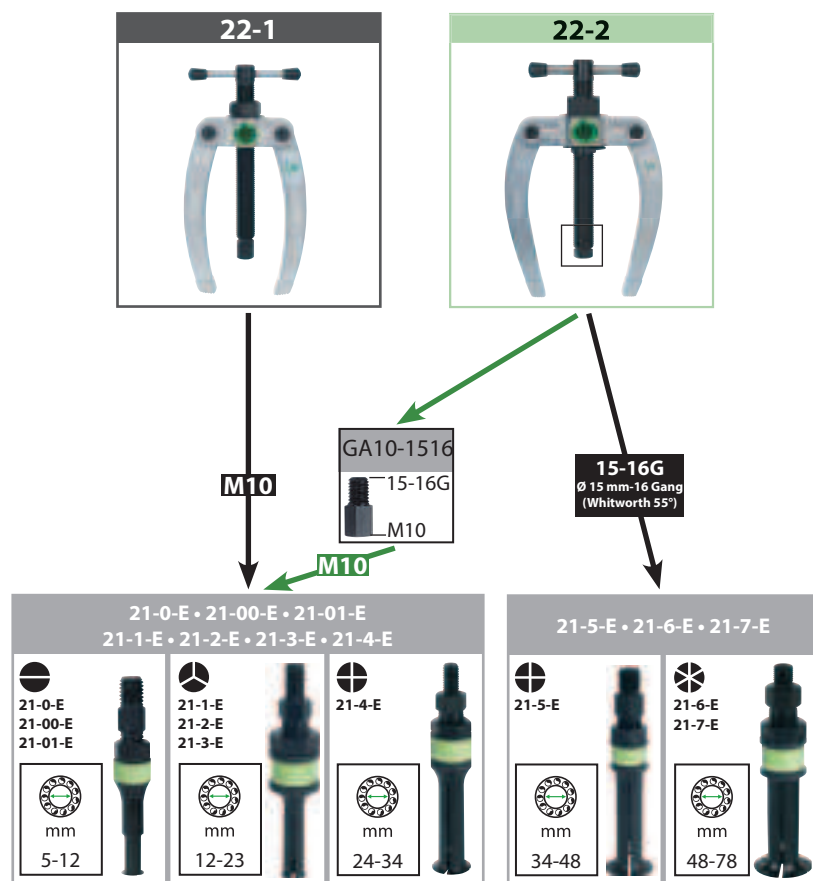
Combination of counter stay with internal extractors, series 21



Combination of slide hammer with internal extractors, series 21

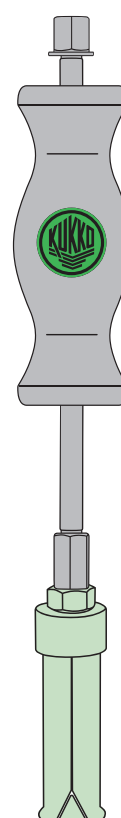
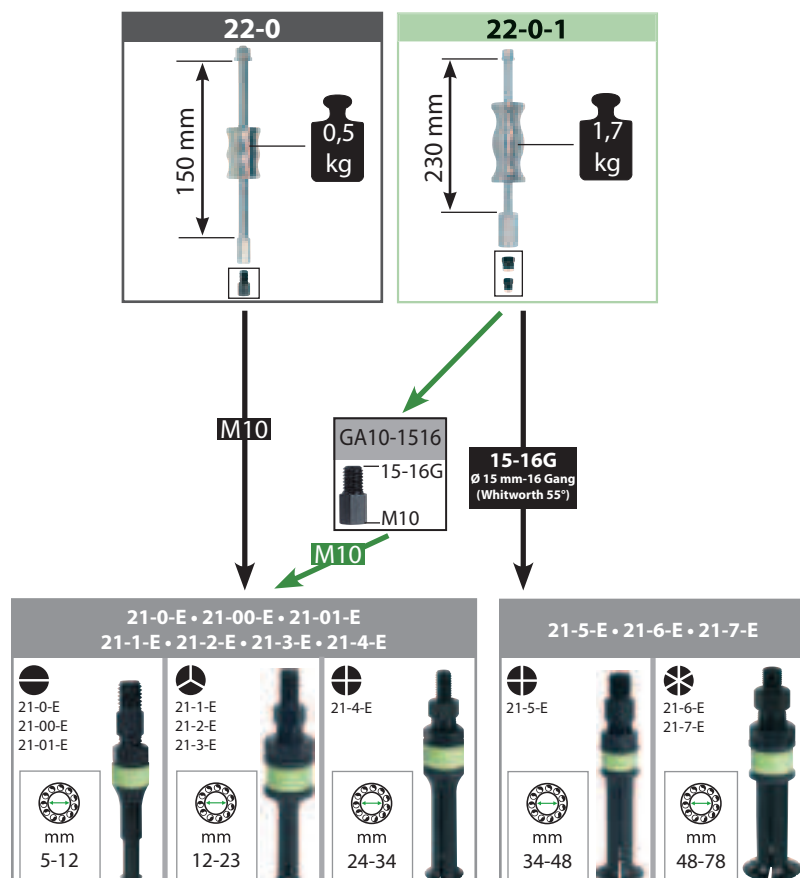


Combination of counter stay with segmented internal extractors, series 21-E



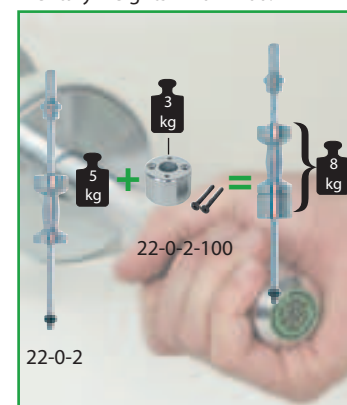
01
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12

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



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 22-0-2-100.





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.
- When combined with the internal extractors, extensions from series 21-V enable deeper bearings to be extracted.
- 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 | 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



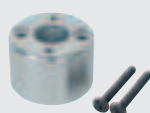
22-0



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

- 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 3 kg supplementary weight 3 kg | | | | 22-0-2 |



Counterstay

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

22





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. |  | max. |  |
|-------------|--|------|---|
| 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 |

Extractor with self-centering jaws

For removing bearings, gears, discs, etc.

225







Description

- The quick-release lock allowed a fast replacement of the jaws.

Advantage

- The extractors can be combined with the KUKKO counterstays 22-2, 22-3 and with slide hammers 22-0-1.




| Art.-No. |  |  mm |  mm |  |
|--------------|---|---|---|---|
| 225-1 | -123405 | 30 - 50 | 25 | 22-0, 22-0-1, 22-2, 22-3 |
| 225-2 | -123412 | 50 - 70 | 25 | 22-0, 22-0-1, 22-2, 22-3 |
| 225-3 | -123429 | 70 - 90 | 30 | 22-0, 22-0-1, 22-2, 22-3 |

Extensions for internal extractors

Extensions for internal extractor.

21-V



| Art.-No. |  |  mm |  |
|-----------------|---|---|---|
| 21-V-040 | -909214 | 30 - 50 | 21-0, 21-00, 21-01, 21-02, 21-2 |
| 21-V-060 | -909221 | 50 - 70 | 21-0, 21-00, 21-01, 21-02, 21-2 |
| 21-V-080 | -909238 | 70 - 90 | 21-0, 21-00, 21-01, 21-02, 21-2 |
| 21-V-100 | -914386 | 100 | 21-3, 21-4, 21-5, 21-40, 21-41, 21-42, 21-43, 21-44, 21-45, 21-46 |






Set of extensions for internal extractors

ST

Set of extensions for internal extractor.

21-V







| Art.-No. |  4021176 |  mm |  mm |  |  |
|----------|--|---|--|---|---|
| 21-V-0 | -909207 | 40; 60; 80; 100 | 21-0, 21-00, 21-01, 21-02, 21-2, 21-3, 21-4, 21-5, 21-40, 21-41, 21-42, 21-43, 21-44, 21-45, 21-46 | 20-V-040, 21-V-060, 21-V-080, 21-V-310, | Metall |

Internal extractor with slide hammer

ST

221-G







| Art.-No. |  4021176 |  mm |  mm |  mm |
|----------|--|---|---|---|
| 221-G | -175824 | 30-180 | 150 | 140 |

Internal extractor with slide hammer

ST

224



| Art.-No. |  4021176 |  mm |  mm |  mm |
|----------|--|---|---|---|
| 224-1 | -325656 | 12-35 | 25 | 305 |
| 224-2 | -325571 | 15-50 | 50 | 290 |

Cylinder liner puller set

ST

Set for extracting cylinder liners.

K-16







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 counter support nuts' friction resistance is reduced to a minimum as a result of the built-in pressure bearing.
- With their support struts, the counter supports are particularly suited for large cylinder liners and ball bearings, etc., and ensure that the assembly remains stable during the extraction process.
- 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 |  mm |  | Stück pieces |  |
|----------|--|---|---|--------------|---|
| K-16 | -161506 | 60 - 155 | 16-21, 16-22 | 4 | L-Boxx |



Percussion type bearing extractor sets

ST

For extracting inner bearings, bearing outer rings and bushings.

26



Description

- Kit in the tried-and-tested KUKKO-i-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.

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-i-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.

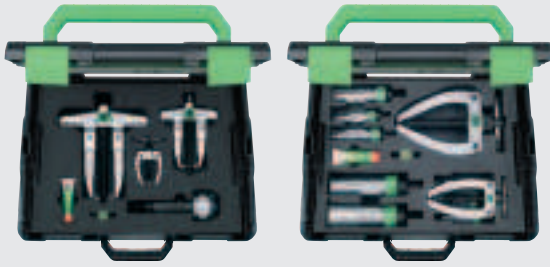
| Art.-No. |  40211761 |  mm |  mm |  mm |  kg |  | Stück pieces |  | |
|----------|---|---|--|---|---|---|--|---|--------|
| 28-A | -507779 | 6 - 19 | M3-M18 | 290 | M12 | 0,9 | 21-00, 21-01, 21-02, 21-1, 21-2, KS-22-01-GH, VM12-7, VM12-10, GE3-10, GE4-10, GE5-10, GE6-10, GE8-10, GE10-10, GE12-10, GE14-10, GE16-10, GE18-10 | 18 | i-Boxx |
| 28-B | -507786 | 12 - 40 | M8-M24 | 320 | M16 x 1,5 | 1,7 | 21-1, 21-2, 21-3, 21-4, 21-5, 22-0-1, GA12-1815, GA10-1815, GE12-1815, GE14-1815, GE16-1815, GE20-1815, GE22-1815, GE24-1815 | 17 | i-Boxx |

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. |  |  mm |  mm |  |  | Stück pieces |
|----------|---|---|---|--|---|--------------|
| 24-A | -012716 | 60 - 90 | 12 - 46 | 23, 43-1, 20-1, 21-1, 21-2, 21-3, 21-4, 21-5, 21-6, 22-1, 22-2 | L-Boxx | 11 |
| 24-B | -012891 | 60 - 160 | 12 - 70 | 23, 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 | L-Boxx | 14 |
| 24-C | -012976 | 60 - 160 | 12 - 58 | 23, 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 | L+Boxx | 15 |

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. |  |  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 and counterstruts 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 |  |  | S pie |  |
|----------|---|--|---|--|-------|---|
| 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 KUKKoating for galvanized parts.

Advantage

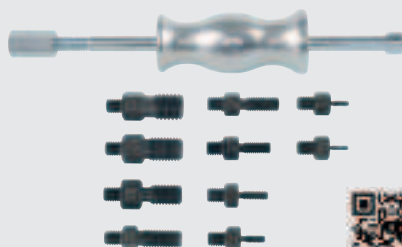
- Kukko dowel pins can be combined with counter supports and slide hammers.
- Practical package for universal use.
- All components available as replacement parts, time-saving order process thanks to numbering system.

| Art.-No. |  |  mm |  mm |  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 | Kunststoff |
| KS-22-02 | -951121 | M6, M8x1, M10, M10x1, M12x1, M15x1,5 / verzinkt/zinc plated: M7, M10, 15-16G | M12 | 320 | 0,9 | M12 | Kunststoff |

Extractor for parts with tapholes

ST

223








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 KUKKoating 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 |  mm |  kg |  |
|----------|---|--|--|--|---|
| 223 | -309083 | M3, M4, M5, M6, M8, M10, M12, M14, M16, M18 | 225 | 0,9 | M12/M10 |

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. |  |  mm |  mm |  |
|----------|---|---|---|---|
| 22-1-AS | -339288 | M4, M5, M6, M8, M10, M12 | M10 | 0,22-0, 22-0-1, 22-1, 22-2, 22-3 |

Set of parallel-key and dowel-pin extractors

ST

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

223









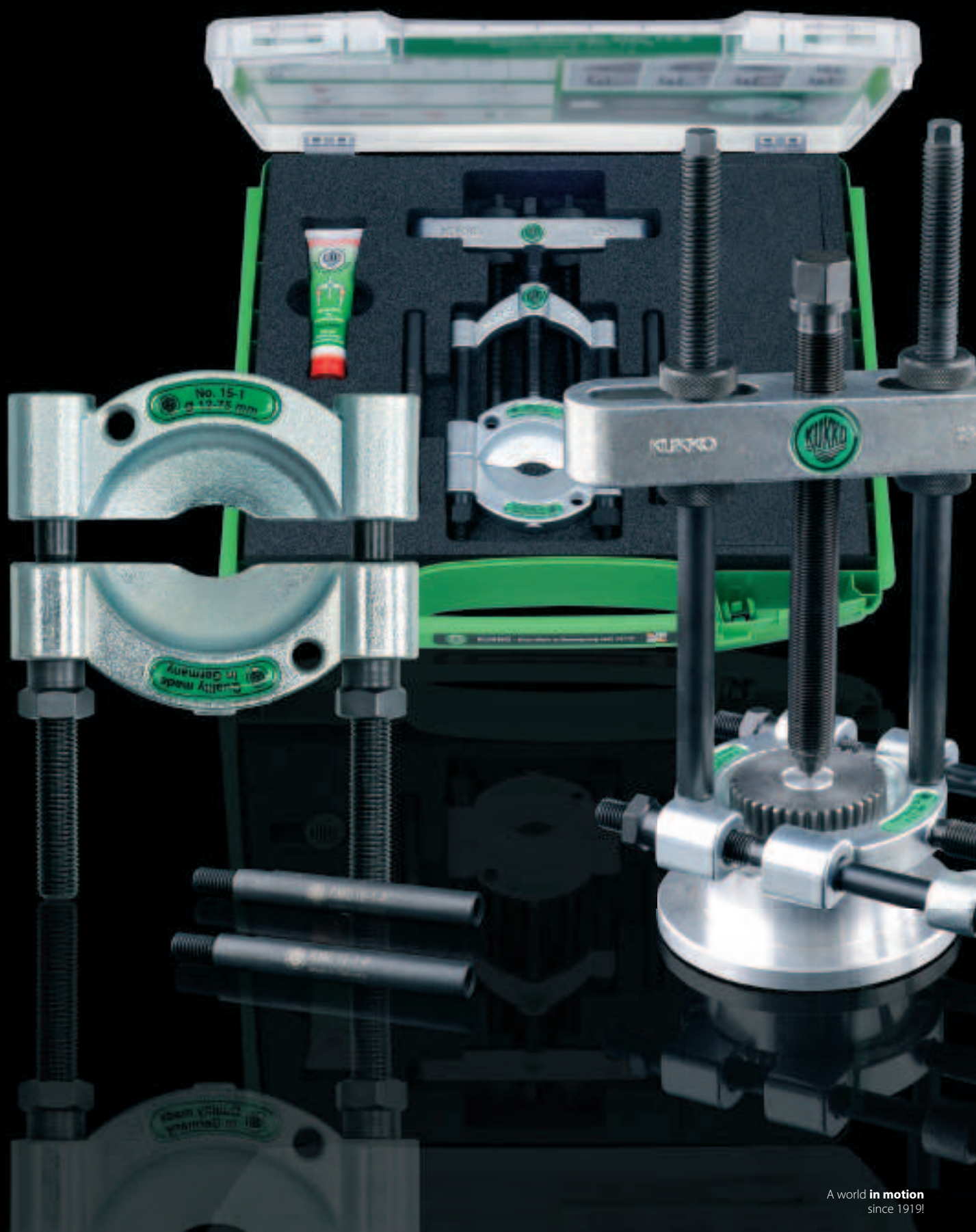
Description

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

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.
- A tube of KUKKO special grease included for pressure spindle.

| Art.-No. |  |  mm |  mm |  kg |  | Stück pieces |  |
|----------|---|--|---|---|---|--------------|---|
| 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 |





Separating

Trenn-Abziehen

03

| | |
|---|----|
| Selection of the right separating device..... | 88 |
| Auswahl der richtigen Trennvorrichtung | |
| Separators..... | 90 |
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| Abziehvorrichtungen | |
| Accessories Separating..... | 93 |
| Zubehör Trenn-Abziehen | |

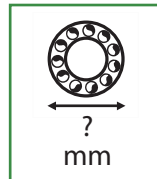
| |
|----|
| 01 |
| 02 |
| 03 |
| 04 |
| 05 |
| 06 |
| 07 |
| 08 |
| 09 |
| 10 |
| 11 |
| 12 |



Selection of the right separating type

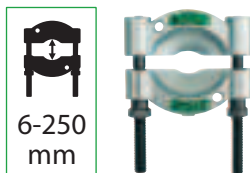


1st step: What is the diameter of the flush bearing?

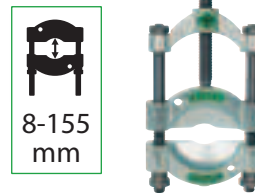


2nd step: Choice of the separator blade

2 (a) Separator series 15



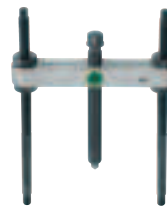
2 (b) Separator with quick clamping pressure spindle, series 17



TIP:
One-hand operation due to quick-tension spindle.

3rd step: Choice of the pulling device

3 pulling device series 18



4th step: Combination of the separating blade with the pulling device

4 (a) Separator



series 15
+
series 18

4 (b) Separator with quick clamping pressure spindle

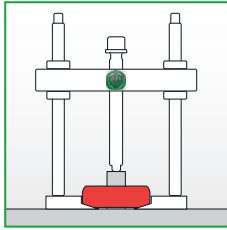


series 17
+
series 18

Mode of operation

For pulling tight parts such as ball bearings, roller bearings, inner rings and similar. The sharp, wedge-shaped blades are pressed behind the parts to be removed and, in this process, push between the bearing and the seat.

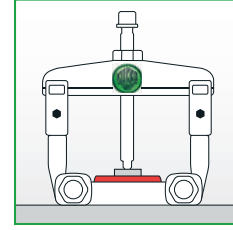
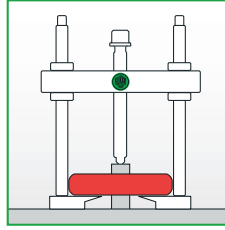
For pulling, the tension bolts on the pulling device (series 18) must be screwed into the separator.



Normally, a separator blade is used in combination with a puller device.

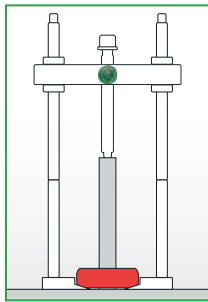


If the separating jaws are screwed into the pulling device the other way round, then pulling can be carried out flush and gently.



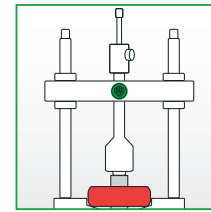
In some cases, an appropriate puller from the 20 series can be used instead of the puller bar.

Accessories: Extensions



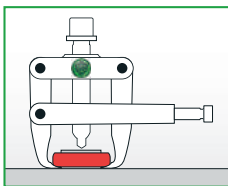
It is also possible to extend the puller bar for jobs involving longer shafts.

Accessories: long hydraulic spindles



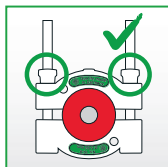
For particularly secure parts, in the larger models (from 18-2), the mechanical pressure spindle can be swapped for a hydraulic pressure spindle.

More Separators

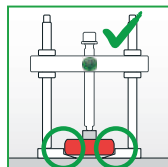


The extensive KUKKO line also supplies separators with side clamps, such as the 204 and 210 Cobra series.

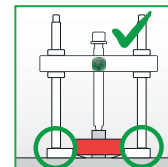
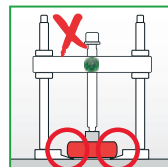
Safety instructions for separating



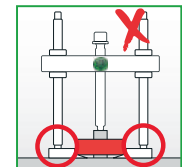
The adjusting nuts on the separator must be tightened in alternating and equal turns. Otherwise, the separator blade may tilt on the bolt or the thread may be damaged.



When pulling the separator blade, ensure that before the pulling device is pulled upwards the blade is firmly seated up to the stop under the part to be removed.



The side bolts of the pulling device must always be spindled into the separator blade until they stop.



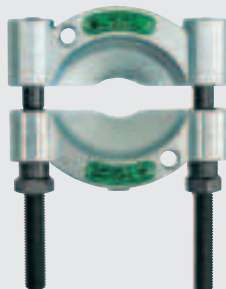


Hydraulic separating and pulling devices

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

- 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

- 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.

15



15-A
15-K



15-B









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 |  mm |  mm |  | Stück pieces |  |
|----------|---|---|--|---|---|-----------------|---|
| 15-K | -007941 | 8 - 60 | 50 - 110 | 71 - 250 | 15-0, 18-0, 19-1-P | 4 | i-Boxx |
| 15-A | -007521 | 12 - 75 | 60 - 150 | 122 - 300 | 15-1, 18-1, 19-1-P | 4 | i-Boxx |
| 15-B | -007606 | 22 - 115 | 60 - 200 | 125 - 350 | 15-2, 18-2, 19-2-P | 4 | L-Boxx |
| 15-C | -007781 | 25 - 155 | 80 - 300 | 144 - 400 | 15-3, 18-3, 19-3-P | 4 | Metall |
| 15-D | -007866 | 30 - 200 | 120 - 380 | 134 - 550 | 15-4, 18-4, 19-4-P | 4 | Metall |
| 15-E | -308826 | 30 - 250 | 150 - 440 | 225 - 600 | 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.
- 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

17-A
17-K

17-B









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 |

Universal set of separator, puller and ball bearing extractor

ST

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

29-A-69









Description

- Two-jaw 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 |  | mit with | Stück pieces |  |
|----------|---|---|--|---|---|----------------------|--------------|---|
| 29-A-69 | -101878 | 25 - 95 | 115 - 210 | 6 - 40 | 6004-6013; 6201-6206; 6300-6305 | 15-00, 69-A, 225-150 | 12 | i-Boxx |



Pulling device

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

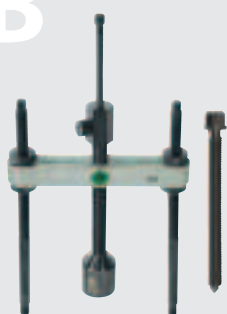
- Hydraulic spindle series 8 for particularly tight parts available from a particular pulling device.
- The extensions in series 19 enable the clamping depth to be increased easily.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO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

| Art.-No. |  |  |  |  | max. |  max. |  |
|--------------|---|---|---|---|------|--|---|
| | | mm | mm | mm | t | 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)

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. | mit with |  |
|---------------|---|---|---|------|----------|---|
| | | mm | mm | t | | |
| 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)

For use with series 18.

19






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.
- Product video on the product can be opened.

| Art.-No. |  |  |  |
|---------------|--|---|---|
| | | 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 |

Screw adapters (pair)**ST**





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

18-A**Description**

- Milled thread treated with special coating.

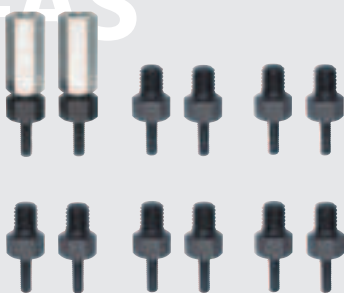
Advantage

- 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 |  mm |  | 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 |

Set of screw adapters





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

18-AS**Description**

- Milled thread treated with special coating.

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 |  mm |  | Inhalt content |
|----------|---|---|---|---|----------------|
| 18-0-AS | -337048 | M4-M5-M6-M8-M10-M12 | M10 | 18-0, 18-1 | Paar /pair |
| 18-2-AS | -337123 | M8-M10-M12-M14-M16-M18 | M14x1,5 | 18-2 | Paar /pair |
| 18-3-AS | -337208 | M14-M16-M18-M20-M22-M24 | M18x1,5 | 18-3 | Paar /pair |





Ball Bearing Removal and Fitting

Kugellager Aus- & Einbau

04

Selection of the right bearing puller.....**96**

Auswahl des richtigen Lager-Abziehers

Ball bearing removal.....**98**

Kugellager-Ausbau

Ball bearing fitting.....**100**

Kugellager-Einbau

Accessories for ball bearing
removal and fitting.....**101**

Zubehör für den Kugellager Aus- und Einbau

01

02

03

04

05

06

07

08

09

10

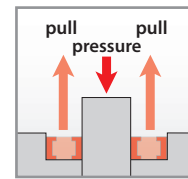
11

12

Selection of the right ball bearing extractor



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

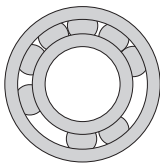


1st step: What is the ISO number of the ball bearing?



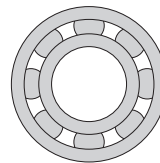
2nd step: Reusing of the ball bearing

2 (a)



The bearing must be replaced after removal!

2 (b)



The bearing can be reused after removal!



3rd step: Choice of the right ball bearing puller

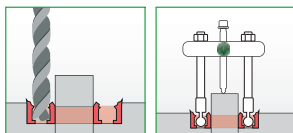
3 (a) The bearing is replaced



Series 69

The cage of the damaged ball bearing needs to be drilled so that the hemispheres of the pulling parts can be screwed in.

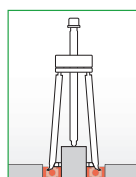
- There arise drilling chips



Series 70

The jaws of the puller arms catch between the balls and the outer ring of the bearing.

- No chips are produced



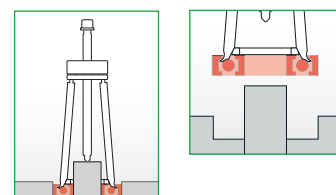
(b) 3 The bearing can be used again



Series 70

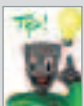
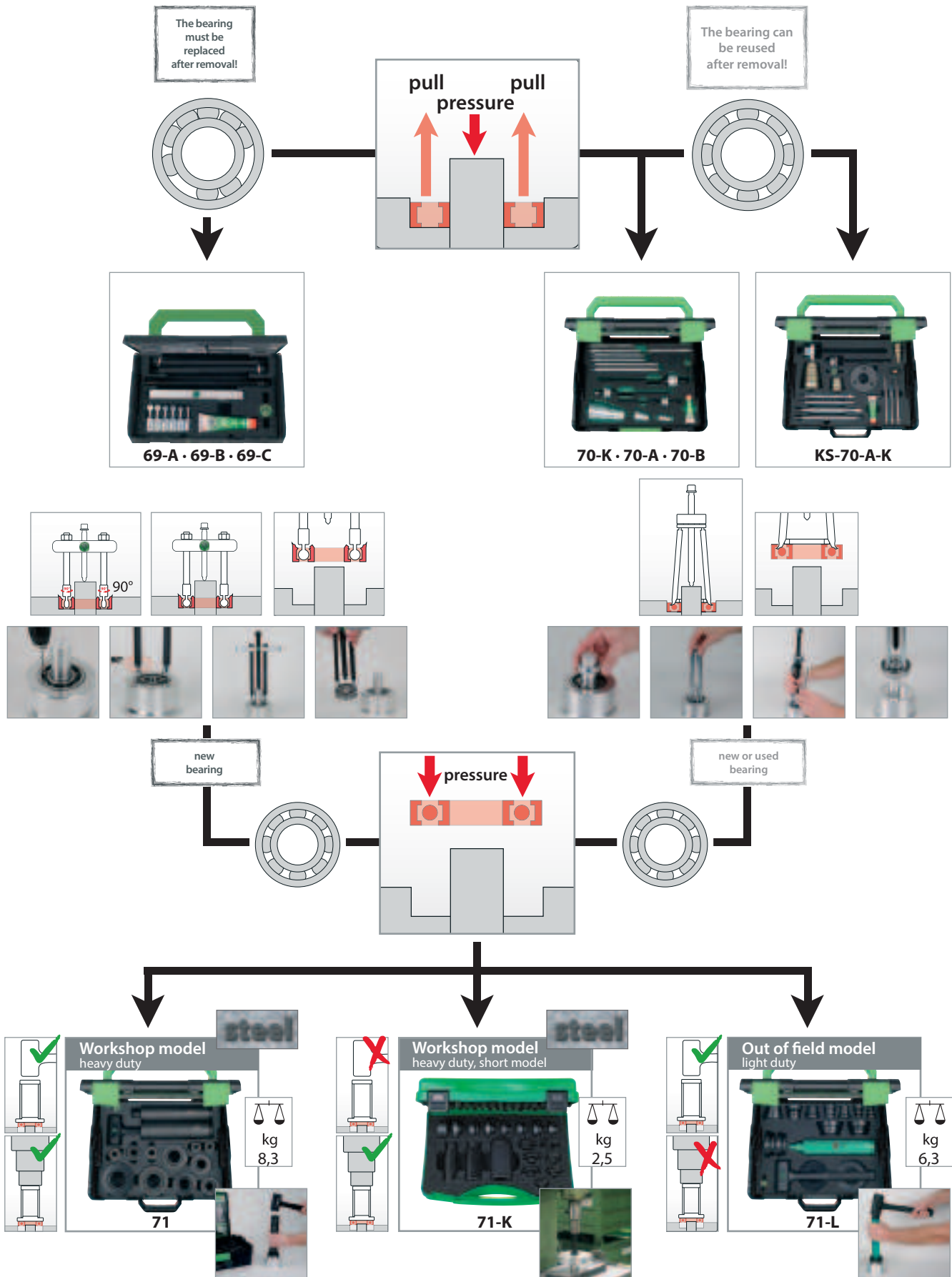
Non-destructive pulling using the 70 series does not damage the ball bearing. The jaw of the puller arm grips between the ball and the outer ring of the bearing.

- No chips are produced





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-C







Description

- Kit in the tried-and-tested KUKKO-L-Boxx-System.
- Instructions and conversion table in the cover.
- 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 |

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.

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 jaw 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

- Strong design, high performance and long service life.
- 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.
- 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.

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.
- impact rings made of extra strength steel.
- 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 |

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.
- impact rings made of extra strength steel.
- 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 |

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.
- impact rings made of extremely shockproof plastic
- strike pipes made of anodized aluminum
- 1 dead blow hammer
- Kit in the tried-and-tested KUKKO-L-Boxx-System.

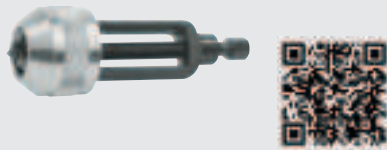
Advantage

- 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 |  |
|----------|---|---|---|---|---|--------------|---|
| 71-L | -782121 | mm | Stück | mm | mm | Stück | L-Boxx |

**Pulling chuck for deep groove bearing inner races****ST**

For pulling separable bearing inner races with a diameter of 5-32 mm on magnets, light machines, electric motors and small electrical machinery.

23**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.

| Art.-No. |  |  mm |
|----------|---|---|
| 23 | -012631 | 5 - 32 |

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

222-1

222-U

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

Seal pulling set (gasket) in case**ST**




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

K-222-1/7**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.

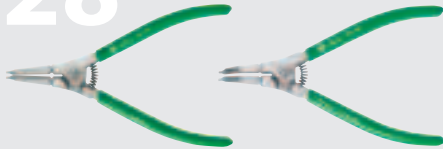
| Art.-No. |  |  mm | Stück pieces |  |
|-----------|---|---|-----------------|---|
| K-222-1/7 | -222757 | 222-1, 222-100, 222-U | 7 | L-Boxx |



Circlip pliers, external

ST

728



728T-A0

728T-A1






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



729T-J0

729T-J0






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

For detaching the retaining rings.

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 |





Displays

Displays

05

Merchandise.....106

Verkaufswand

Wall panels.....106

Wandtafeln

01

02

03

04

05

06

07

08

09

10

11

12



Merchandise, industrial pullers

ST

For optimal display of Kukko tools in your business.

INDUSTRIE



Description

- More information about the products on this wall is provided on our website directly under the product name in the field „+“ consists of:
- 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. |  |
| EVLW-1-INDUSTRIE | -487842 |

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. |  |
| EVLW-1-KFZ | -487866 |

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. |  |
| EVLW-1-NFZ | -487873 |

Wall panel, blank

ST

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

WT-000



| | |
|--------------|---|
| Art.- No. |  |
| WT-000 | -890550 |

Puller product range - Hydraulic external extracting - TOP

ST

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

WT-002






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 directly under the product name in the field „+ consists of:“

Advantage

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

| Art.-No. |  |  mm |  mm | max. t | Stück pieces |
|----------|---|---|---|-----------|-----------------|
| WT-002 | -890567 | 90 - 200 | 100 - 150 | 7 | 11 |

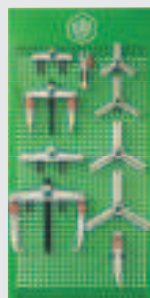


Puller product range - Hydraulic external extracting - BASIC

ST

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

WT-003






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 directly under the product name in the field „+ consists of:“

Advantage

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

| Art.-No. |  |  mm |  mm | Stück pieces |
|----------|---|---|---|-----------------|
| WT-003 | -890574 | 90 - 200 | 100 - 150 | 10 |

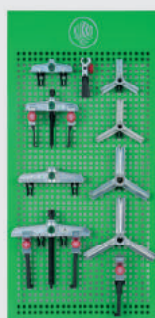


Puller product range - External extracting - BASIC+

ST

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

WT-003+S






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 directly under the product name in the field „+ consists of:“

Advantage

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

| Art.-No. |  |  mm |  mm | Stück pieces |
|----------|---|---|---|-----------------|
| WT-003+S | -141461 | 90 - 200 | 100 - 150 | 10 |

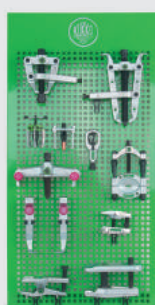


Puller product range - Automotive

ST

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

WT-005








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 directly under the product name in the field „+ consists of:“

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-005 | -038518 | 60 - 170 | 100 - 170 | 12 - 75 | 6-18 | 11 |



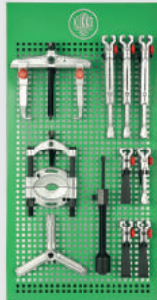


Puller product range - Commercial vehicles - TOP

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 directly under the product name in the field „+“ consists of:

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 |



Puller product range - Commercial vehicles sector - TOP

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 directly under the product name in the field „+“ consists of:

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-010 | -890628 | 250 | 200 | 22-115 | 36-40 | 8 | 10 |

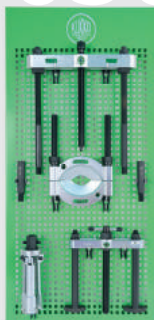


Puller product range - Automotive axles

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 directly under the product name in the field „+“ consists of:

Advantage

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

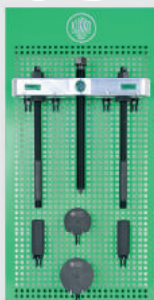
| Art.-No. |  |  mm |  mm | Stück pieces |
|----------|---|---|---|-----------------|
| WT-030 | -893490 | 25-155 | 56-110 | 6 |

Puller product range - Commercial vehicles sector - axles

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 directly under the product name in the field „+“ consists of:

Advantage

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

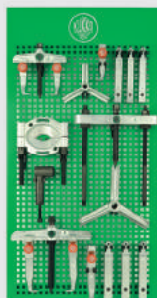
| Art.-No. |  |  mm |  mm | Stück pieces |
|----------|---|---|---|-----------------|
| WT-031 | -914584 | 134-350 | 380 | 5 |

Puller product range - Industry - TOP

ST

For the clean and orderly storage of various Kukko pullers 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 directly under the product name in the field „+“ consists of:

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 |

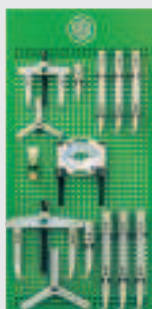


Puller product range - Industry - BASIC

ST

For the clean and orderly storage of various Kukko pullers 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 directly under the product name in the field „+“ consists of:

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 |

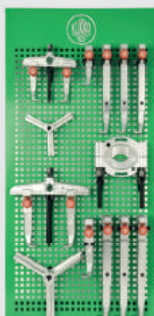


Puller product range - Industry - BASIC+

ST

For the clean and orderly storage of various Kukko pullers 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 directly under the product name in the field „+“ consists of:

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+ | -141454 | 0-200 | 100-300 | 22-115 | 14 |

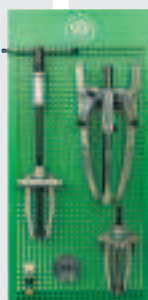


Universal puller set on perforated plate

ST

For the clean and orderly storage of various Kukko pullers 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 directly under the product name in the field „+“ consists of:

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 |

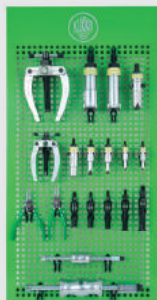


Puller product range - Internal extracting - BASIC

ST

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

WT-017



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 directly under the product name in the field „+“ consists of:

Advantage

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

| Art.-No. | | | | max. | | | | Stück pieces |
|----------|---------|----|----|------|----|----|----|--------------|
| WT-017 | -141478 | mm | mm | t | mm | mm | mm | 19 |

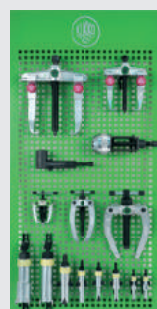


Puller product range - Internal extracting - TOP

ST

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

WT-018



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 directly under the product name in the field „+“ consists of:

Advantage

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

| Art.-No. | | | | | | max. | | | | Stück pieces |
|----------|---------|----|----|----|----|------|----|----|----|--------------|
| WT-018 | -141485 | mm | mm | mm | mm | t | mm | mm | mm | 15 |

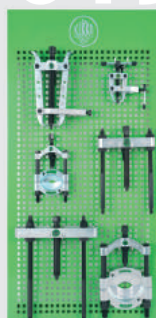


Puller product range - Separating

ST

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

WT-019



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 directly under the product name in the field „+“ consists of:

Advantage

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

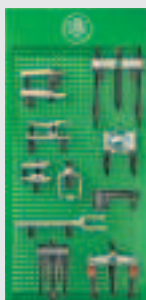
| Art.-No. | | | | | max. | | | | Stück pieces |
|----------|---------|----|----|---|------|----|----|----|--------------|
| WT-019 | -141492 | mm | mm | x | t | Nm | mm | mm | 6 |

Puller product range - Automotive - Chassis

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 directly under the product name in the field „+“ consists of:

Advantage

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

| Art.-No. | | | | | | | | Stück pieces |
|----------|---------|----|----|---|----|----|----|--------------|
| WT-014 | -890635 | mm | mm | x | mm | mm | mm | 11 |



Clamp products range - All steel - Premium**ST**

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


WT-020

**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 directly under the product name in the field „+“ consists of:

Advantage

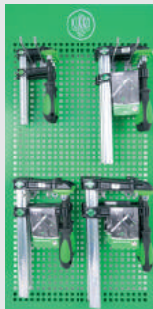
- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

| Art.- No. |  |
|--------------|---|
| WT-020 | -141508 |

Clamp products range - Malleable cast - Premium**ST**

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

WT-021

**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 directly under the product name in the field „+“ consists of:

Advantage

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

| Art.- No. |  |
|--------------|--|
| WT-021 | -141515 |





Series 800

Baureihe 800

06

| | |
|-----------------------------|-----|
| Modular system 800..... | 114 |
| Baukasten-System 800 | |
| Series 800..... | 118 |
| Baureihe 800 | |
| Accessoires series 800..... | 123 |
| Zubehör Baureihe 800 | |
| Series 13..... | 126 |
| Baureihe 13 | |

| |
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| 01 |
| 02 |
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| 05 |
| 06 |
| 07 |
| 08 |
| 09 |
| 10 |
| 11 |
| 12 |





The KUKKO 800 modular system is a pull-apart system, which consists of single parts that can be put together individually from finished pullers or complete sets.

ONE for ALL

All pullers have the same hydraulic spindle and consist of easily exchangeable single parts that can be combined in many different ways.

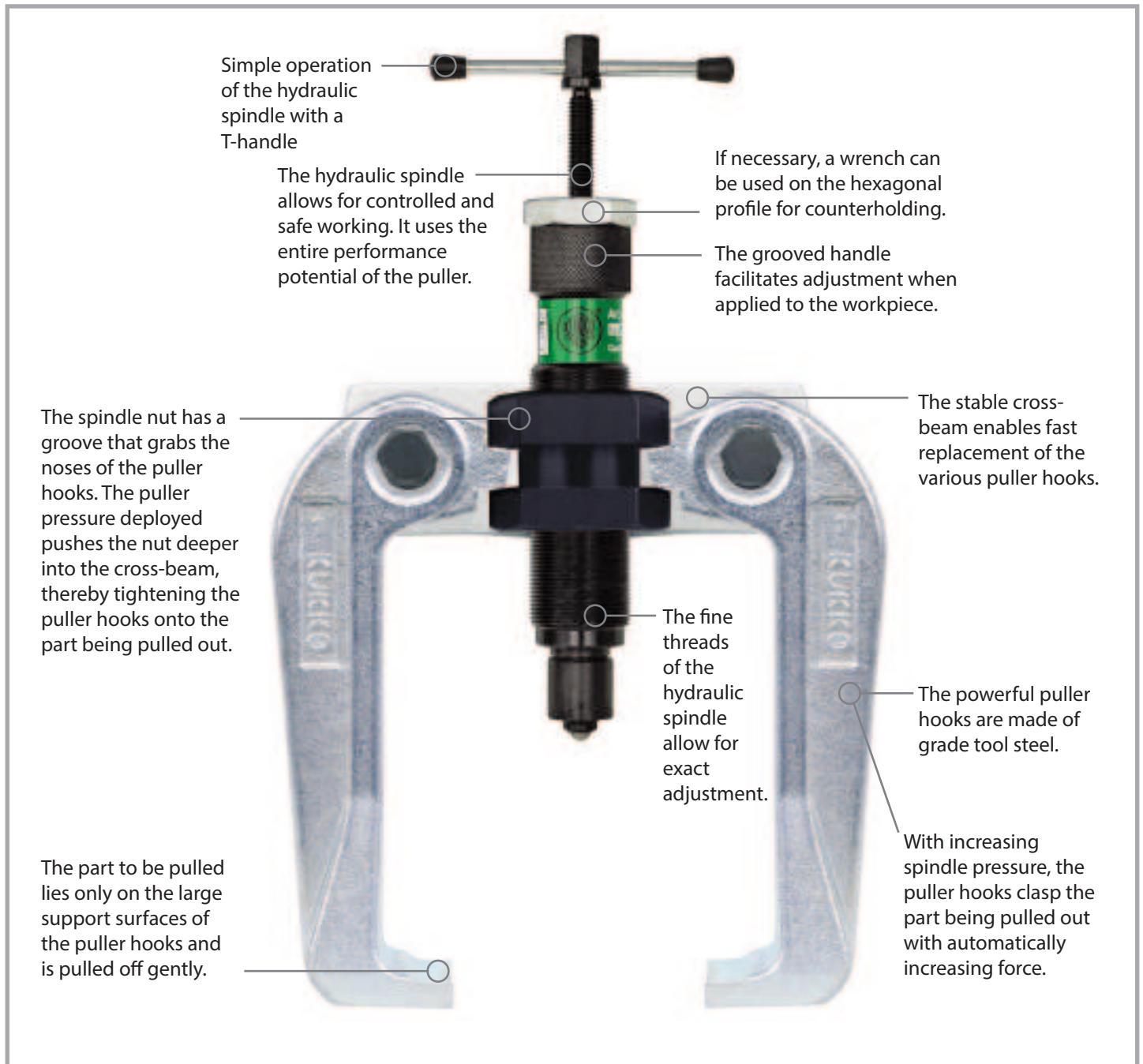
High pull-off force

The short KUKKO hydraulic spindle means that little manual effort is required for maximum pulling performance. No additional drive tools are needed.

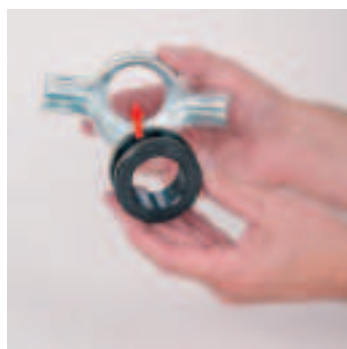
Versatility

The modular system allows for a large number of different pulling options.

- All pulling tools in the 800 modular system only require one drive unit - the compact high performance spindle 800 or 801. With its favorable installation dimensions, it has frequently proven itself in toolmaking and many other areas as a force-generating component and problem solver. The low-maintenance original KUKKO construction with the air trapping and slippage-free hydraulic system guarantees reliable use and high performance.
- Complete hydraulic pullers, individual parts and pre-assembled sets are available, from which a variety of pulling tools can be put together.
- The pullers, separators or internal extractors can be combined and used for all types of extraction jobs in the industrial and automotive sector.



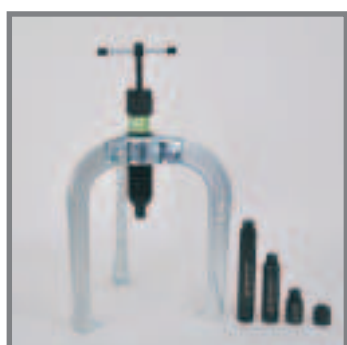
Assembly of the hydraulic puller



Universal 2-jaw puller with short hydraulic spindle and self-centering jaws



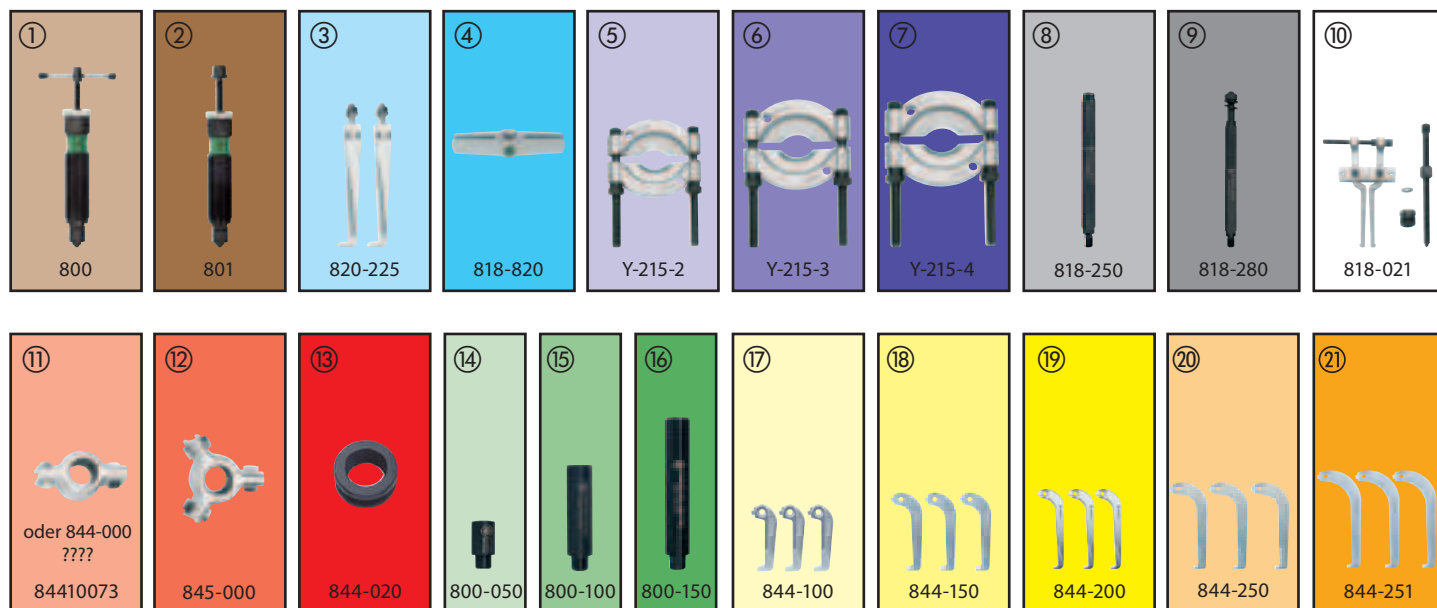
Universal 3-jaw puller with short hydraulic spindle and self-centering jaws



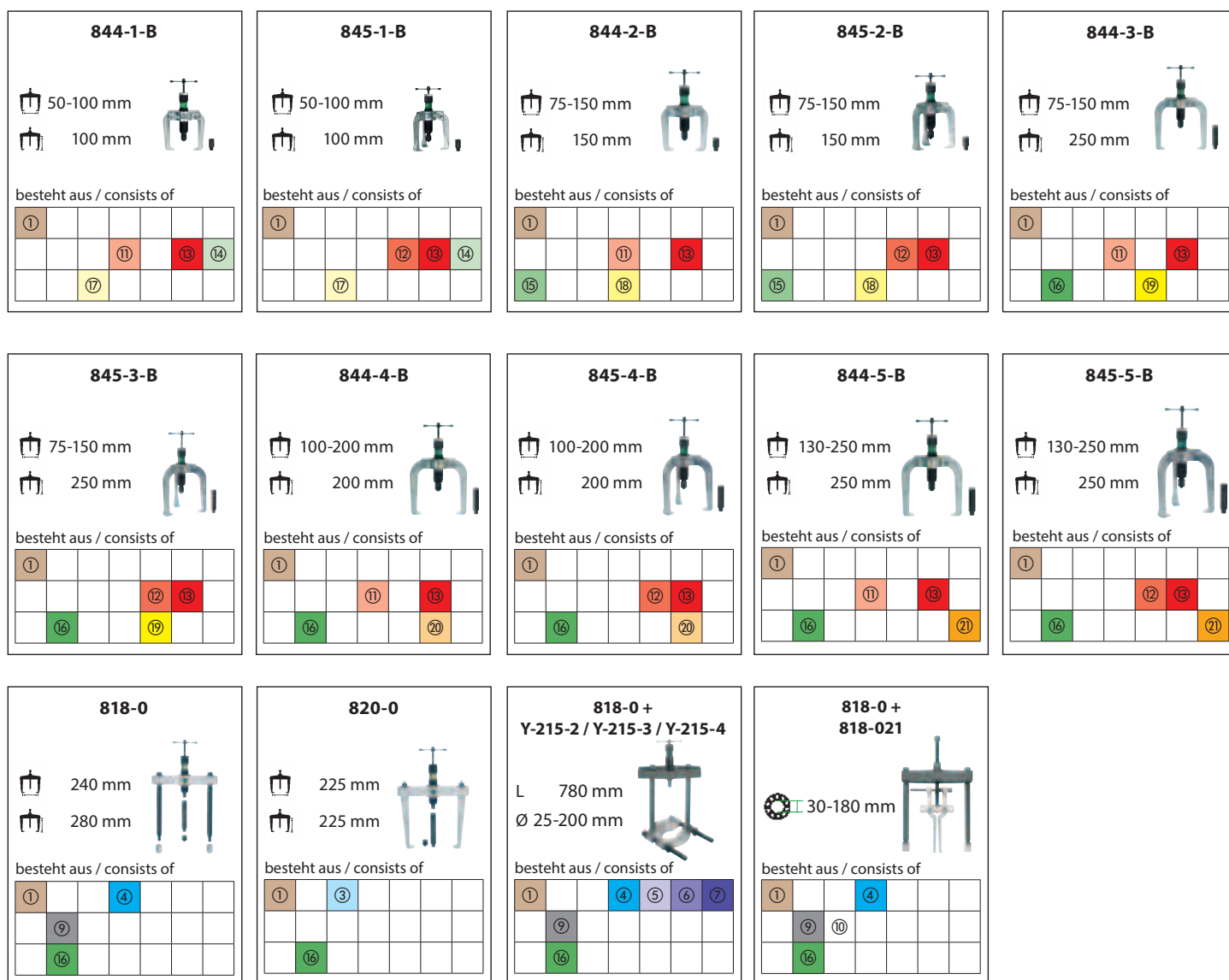
- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 11
- 12



Kombinationsmöglichkeiten des „Baukastensystems 800“ Variants parts list, series 800



KOMBINATION combination





Abziehvorrichtungen mit hydraulischer 10 to Spindel Pulling tools with 10 to hydraulic ram

Art.-No. 818-100

L 530 mm
Ø 22-115 mm



Kofferinhalt: 10-teilig
set content: 10 parts

| | | | | | |
|---|---|--|---|---|---|
| ① | | | ④ | ⑤ | |
| ⑧ | ⑨ | | | | ⑭ |
| ⑮ | ⑯ | | | | |

818-0 + Y-215-2



Art.-No. 818-150

L 780 mm
Ø 25-155 mm



Kofferinhalt: 12-teilig
set content: 12 parts

| | | | | | |
|---|---|--|---|---|---|
| ① | | | ④ | ⑥ | |
| ⑧ | ⑨ | | | | ⑭ |
| ⑮ | ⑯ | | | | |

818-0 + Y-215-3



Art.-No. 818-215

L 780 mm
Ø 22-155 mm
225 mm
225 mm



Kofferinhalt: 16-teilig
set content: 16 parts

| | | | | | |
|---|---|---|---|---|---|
| ① | | ③ | ④ | ⑤ | ⑥ |
| ⑧ | ⑨ | ⑩ | | | ⑭ |
| ⑮ | ⑯ | | | | |

818-0 +
Y-215-2; Y-215-3



818-0 +
818-021



820-0



Art.-No. 845-150

50-150 mm
150 mm



Kofferinhalt: 11-teilig
set content: 11 parts

| | | | | | |
|---|--|---|---|---|---|
| ① | | | | | |
| | | | ⑪ | ⑫ | ⑬ |
| ⑮ | | ⑰ | ⑱ | | |



844-1-B
844-2-B



845-1-B
845-2-B

Art.-No. 845-250

75-250 mm
250 mm



Kofferinhalt: 15-teilig
set content: 15 parts

| | | | | | |
|---|---|--|---|---|---|
| ① | | | | | |
| | | | ⑪ | ⑫ | ⑬ |
| ⑮ | ⑯ | | ⑰ | ⑱ | ⑲ |



844-3-B
844-4-B
844-5-B



845-3-B
845-4-B
845-5-B

Art.-No. 845-851

75-250 mm
250 mm



Kofferinhalt: 21-teilig
set content: 21 parts

| | | | | | |
|---|---|---|---|---|---|
| ① | | | | | |
| | | | ⑪ | ⑫ | ⑬ |
| ⑮ | ⑯ | ⑰ | ⑱ | ⑲ | ⑲ |



844-1-B
844-2-B
844-3-B
844-4-B
844-5-B



845-1-B
845-2-B
845-3-B
845-4-B
845-5-B

Art.-No. 845-855

L 780 mm
Ø 25-155 mm
50-250 mm
250 mm



Kofferinhalt: 29-teilig
set content: 29 parts

| | | | | | |
|---|---|---|---|---|---|
| ① | | | ④ | | ⑥ |
| ⑧ | ⑨ | | ⑪ | ⑫ | ⑬ |
| ⑮ | ⑯ | ⑰ | ⑱ | ⑲ | ⑲ |



844-1-B
844-2-B
844-3-B
844-4-B
844-5-B



845-1-B
845-2-B
845-3-B
845-4-B
845-5-B

818-0 +
Y-215-3



Art.-No. 845-858

L 780 mm
Ø 25-155 mm
50-250 mm
250 mm
30-180 mm



Kofferinhalt: 30-teilig
set content: 30 parts

| | | | | | |
|---|---|---|---|---|---|
| ① | | | ④ | | ⑥ |
| ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ |
| ⑮ | ⑯ | ⑰ | ⑱ | ⑲ | ⑲ |



844-1-B
844-2-B
844-3-B
844-4-B
844-5-B



845-1-B
845-2-B
845-3-B
845-4-B
845-5-B

818-0 +
Y-215-3



818-0 +
818-021





Universal 2-jaw puller with short hydraulic spindle and self-centering jaws

ST

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

844







Description

- If there is adequate free space around the part to be removed, we recommend a 3-jaw puller series 845 for optimal force distribution.
- 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.
- Standard pulling hook.

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

| Art.-No. |  |  mm |  mm | max. t |  max. Nm | mit with |
|----------------|---|---|---|-----------|---|-------------|
| 844-1-B | -031601 | 50 - 150 | 100 | 10 | 40 | 800 |
| 844-2-B | -031946 | 75 - 150 | 150 | 10 | 40 | 800 |
| 844-3-B | -032448 | 75 - 150 | 250 | 10 | 40 | 800 |
| 844-4-B | -076091 | 100 - 200 | 200 | 10 | 40 | 800 |
| 844-5-B | -032776 | 130 - 250 | 250 | 10 | 40 | 800 |

Universal 3-jaw puller with short hydraulic spindle and self-centering jaws

ST

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

845







Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 844 for optimal force distribution.
- 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.
- Standard pulling hook.

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

| Art.-No. |  |  mm |  mm | max. t |  max. Nm | mit with |
|----------------|---|---|---|-----------|---|-------------|
| 845-1-B | -033278 | 50 - 150 | 100 | 10 | 40 | 800 |
| 845-2-B | -033438 | 75 - 150 | 150 | 10 | 40 | 800 |
| 845-3-B | -033681 | 75 - 150 | 250 | 10 | 40 | 800 |
| 845-4-B | 033841 | 100 - 200 | 200 | 10 | 40 | 800 |
| 845-5-B | 034008 | 130 - 250 | 250 | 10 | 40 | 800 |

Spare parts for assembly 844/845

ST

844/845





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.
- Strong design, high performance and long service life.
- Quality made in Germany.

Advantage

- Available as complete hydraulic pullers, individual parts and sets.
- Little force required for a strong pulling performance.
- A tube of KUKKO special grease included for pressure spindle.

| Art.-No. |  | Bezeichnung description |  |
|----------------|---|----------------------------|--|
| 844-000 | -031458 | Traverse | 844-1-B, 844-2-B, 844-3-B, 844-4-B, 844-5-B |
| 844-020 | -135651 | Gewindebuchse | 844-1-B, 844-2-B, 844-3-B, 844-4-B, 844-5-B, 845-1-B, 845-2-B, 845-3-B, 845-4-B, 845-5-B |
| 844-100 | -075919 | Abzughaken | 844-1-B, 845-1-B |
| 844-150 | -031861 | Abzughaken | 844-2-B, 845-2-B |
| 844-200 | -032363 | Abzughaken | 844-4-B, 845-4-B |
| 844-250 | -032103 | Abzughaken | 844-3-B, 845-3-B |
| 844-251 | -032691 | Abzughaken | 844-5-B, 845-5-B |
| 845-000 | -033018 | Traverse | 845-1-B, 845-2-B, 845-3-B, 845-4-B, 845-5-B |

**Hydraulic „4 Puller“ - Set with self-centering pulling jaws****ST**

For removing bearings, gears, discs, etc.





845-150

**Description**

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 844 for optimal force distribution.
- 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.
- Standard pulling hook.

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.
- Practical package for universal use.

| Art.-No. |  |  |  | max. | Stück pieces |  |
|----------|---|---|---|------|--------------|---|
| 845-150 | -717871 | 50 - 150 | 150 | 10 t | 11 | L-Boxx |

Hydraulic „6 Pullers“ - Set with self-centering pulling jaws**ST**

For removing bearings, gears, discs, etc.





845-250

**Description**

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 844 for optimal force distribution.
- 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.
- Standard pulling hook.

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.
- Practical package for universal use.

| Art.-No. |  |  |  | max. | Stück pieces |  |
|----------|---|---|---|------|--------------|---|
| 845-250 | -717956 | 75 - 250 | 250 | 10 t | 15 | L-Boxx |

Hydraulic „10 Pullers“ - Set with self-centering pulling jaws**ST**

For removing bearings, gears, discs, etc.





845-851

**Description**

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 844 for optimal force distribution.
- 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.
- Standard pulling hook.

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.
- Practical package for universal use.

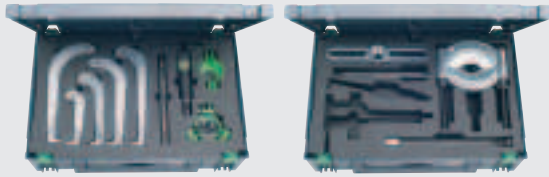
| Art.-No. |  |  |  | max. | Stück pieces |  |
|----------|---|---|---|------|--------------|---|
| 845-851 | -172854 | 50 - 250 | 250 | 10 t | 21 | Tanos Systainer |



Universal hydraulic puller set with separator

For removing and separating bearings, gears, discs, etc.

845-855









Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 844 for optimal force distribution.
- 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.
- Standard pulling hook.

Advantage

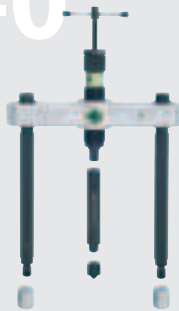
- Available as complete hydraulic pullers, individual parts and sets.
- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle extensions enable the unit to be adjusted quickly to a range of different requirements.
- Practical package for universal use.

| Art.-No. |  |  mm |  mm |  mm |  mm | max. t | Stück pieces |  |
|----------------|---|---|--|---|---|-----------|-----------------|---|
| 845-855 | -172939 | 50 - 250 | 250 | 280 - 780 | 25 - 155 | 10 | 29 | Tanos Systainer |

Pulling device with hydraulic screw

For universal application with pullers from series 800.

818-0







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.
- Hydraulic spindle.
- Milled thread treated with special coating.

Advantage

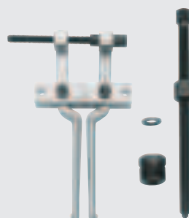
- Available as complete hydraulic pullers, individual parts and sets.
- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle extensions enable the unit to be adjusted quickly to a range of different requirements.
- All components available as replacement parts, time-saving order process thanks to numbering system.

| Art.-No. |  |  mm |  mm | max. t |  max. Nm | mit with |
|--------------|---|---|---|-----------|---|-------------|
| 818-0 | -173196 | 280 | 240 | 10 | 40 | 800 |

2-arm internal extractor

For extracting inner bearings, bearing outer rings and bushings.

818-021





Description

- Series is built on a modular system.
- 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

- 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. |  | Ø mm |  |
|----------------|--|---------|---|
| 818-021 | -757969 | 30-180 | 818-0 |

Hydraulic bearing puller set**ST**

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

818-100**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.
- Instructions on the cover.
- Secure storage in special foam.

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.

| Art.-No. | | | | max. | Stück pieces | |
|----------------|---------|-----------|----------|------|--------------|--------|
| | 4021176 | mm | mm | t | | |
| 818-100 | -717611 | 280 - 530 | 22 - 115 | 10 | 10 | L-Boxx |

Hydraulic bearing puller set**ST**

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

818-150**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.
- Instructions on the cover.
- Secure storage in special foam.

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.

| Art.-No. | | | | max. | Stück pieces | |
|----------------|---------|-----------|----------|------|--------------|--------|
| | 4021176 | mm | mm | t | | |
| 818-150 | -717796 | 280 - 780 | 25 - 155 | 10 | 12 | L-Boxx |

Hydraulic bearing puller and extractor set**ST**

For extraction and internal extraction of ball bearings, roller bearings, inner races and other tight-fitting parts if there is not enough space to use pulling hooks.

818-215**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.
- Instructions on the cover.
- Secure storage in special foam.

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.

| Art.-No. | | | | | max. | Stück pieces | |
|----------------|---------|-----------|----------|----------|------|--------------|-----------------|
| | 4021176 | mm | mm | mm | t | | |
| 818-215 | -173271 | 280 - 780 | 25 - 155 | 30 - 180 | 10 | 16 | Tanos Systainer |



Universal hydraulic puller and extractor set with self-centering jaws with separator

ST

For removal, separation and internal extraction of bearings, gears, discs, etc.

845-858










Description

- If there is not adequate free space around the part to be removed, we recommend using a 2-jaw puller series 844 for optimal force distribution.
- 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.
- Standard pulling hook.

Advantage

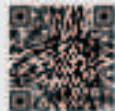
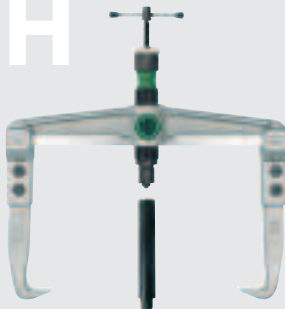
- Available as complete hydraulic pullers, individual parts and sets.
- Little force required for a strong pulling performance.
- Piston functions on the axis and does not turn in the hydraulic spindle.
- Spindle extensions enable the unit to be adjusted quickly to a range of different requirements.
- Practical package for universal use.

| Art.-No. |  |  |  |  |  |  | max. t | Stück pieces |  |
|----------|---|---|---|---|---|---|-----------|-----------------|---|
| 845-858 | -173011 | 50- 250 | 250 | 280-780 | 25- 155 | 30- 180 | 10 | 30 | Tanos Systainer |

2-jaw puller with short hydraulic spindle

ST

20-H






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

- Variable reach thanks to optional jaw extensions.
- Turning the pulling hooks enables them to be used both internally and externally.
- 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.

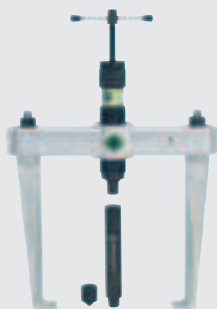
| Art.-No. |  |  |  | max. t | mit with |
|----------|---|---|---|-----------|-------------|
| 20-3-H | -786839 | 250 | 200 | 10 | 800 |
| 20-30-H | -786914 | 350 | 200 | 10 | 800 |

2-jaw puller with short hydraulic spindle

ST

For removing bearings, gears, discs, etc.

820






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.
- Hydraulic spindle.

Advantage

- Turning the pulling hooks enables them to be used both internally and externally.
- 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.

| Art.-No. |  |  |  | max. t | max. Nm | mit with |
|----------|---|---|---|-----------|------------|-------------|
| 820-0 | -173684 | 225 | 225 | 10 | 40 | 800 |

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.
- Quality made in Germany.
- 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 |



Short hydraulic spindles

ST

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

800



800



801








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 |
|------------|---|---|---|---|-----------|--|
| 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 | 70 |

Spindle extension

ST

800



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

Mechanical pressure screw

ST

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

800-626






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

- Easy and even pulling for particularly tight parts thanks to transfer of force.
- Can be combined with various mechanical pulling devices from the KUKKO range.
- 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. |  |  |  |
|----------------|--|---|---|
| 800-626 | -969980 | 1.1/2"-16 | 818-0, 820-0, 844-000, 845-000 |

Pulling bolts and extensions

ST

818






Description

- 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. |  4021176 |  mm |  |
|----------|---|---|---|
| 818-250 | -173356 | 250 | 818-0 |
| 818-280 | -173431 | 250 | 818-0 |

Hydraulic pressure screws

For removing bearings, gears, discs, etc.

844-626






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

- Easy and even pulling for particularly tight parts thanks to transfer of force.
- Can be combined with various mechanical pulling devices from the KUKKO range.
- 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 |  |  |
|----------|---|---|---|
| 844-626 | -032851 | 1.1/2"-16 | 818-0, 820-0, 844-000, 845-000 |



Series 13

Long hydraulic spindles with handle

ST

For use with pulling devices series 844, series 845 and series 13-HP

8-HP








Description

- If there is not adequate free space around the part to be removed, we recommend using a hydraulic spindle series 800 for ideal space-saving.
- Series is built on a modular system.
- With the new Kukko hydraulic spindles, it is now even easier to generate high pulling forces without having to apply a great deal of force.
- Three extension parts are included in the scope of delivery.
- Hydraulic spindle.

Advantage

- Clear reduction of dismantling times thanks to simple and fast handling.
- The hydraulic spindle can be combined with a number of pullers from the Kukko range.
- No additional oil pumps required.
- Hydraulic spindle is protected by an overloading valve.
- The pump's lever arm can be rotated by 360°.

| Art.-No. |  | max. t |  mm |  |  mm |  |
|----------|---|-----------|---|---|---|--|
| 8-HP-100 | -101281 | 10 | 80 | W 1.1/2"-16 | 135 | 13-HP-100, 13-HP-180, 13-ME-180, 818-0, 818-100, 818-150, 818-215, 820-0, 844-1-B, 844-2-B, 844-3-B, 844-4-B, 844-5-B, 845-1-B, 845-2-B, 845-3-B, 845-4-B, 845-5-B, 845-150, 845-250, 845-851, 845-855, 845-858, 880-800, 880-801, 880-802 |

3-jaw bearing puller with self-centering pulling hook and long hydraulic spindle (with handle)

ST

For pulling particularly tight ball bearings, roller bearings, etc.

13-HP






Description

- If there is not adequate free space around the part to be removed, we recommend using a hydraulic spindle series 800 for ideal space-saving.
- Series is built on a modular system.
- With the new Kukko hydraulic spindles, it is now even easier to generate high pulling forces without having to apply a great deal of force.
- Three extension parts are included in the scope of delivery.
- Pullers have the same hydraulic spindle.

Advantage

- Clear reduction of dismantling times thanks to simple and fast handling.
- The hydraulic spindle can be combined with a number of pullers from the Kukko range.
- No additional oil pumps required.
- Hydraulic spindle is protected by an overloading valve.
- The pump's lever arm can be rotated by 360°.

| Art.-No. |  |  mm |  mm | max. t | mit with |
|-----------|---|---|---|-----------|-------------|
| 13-HP-100 | -101236 | 130-250 | 250 | 10 | 8-HP-100 |

Puller with hydraulic spindle (with handle)**ST**

For use with segments series 13-TP For gentle pulling for spherical roller bearings and angular roller bearings.





13-HP

**Description**

- Hydraulic spindle.
- 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

- Ultimate stability when pulling as the segments and pulling device are screwed firmly together.
- 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 |  |
|-----------|---|---|---|-----------|---|
| 13-HP-180 | -101250 | 245 | 80-280 | 10 | 13-TP-2, 13-TP-3 |

Pulling device**ST**

For use with segments series 13-TP For gentle pulling for spherical roller bearings and angular roller bearings.






13-ME

**Description**

- Mechanical pressure screw.
- 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

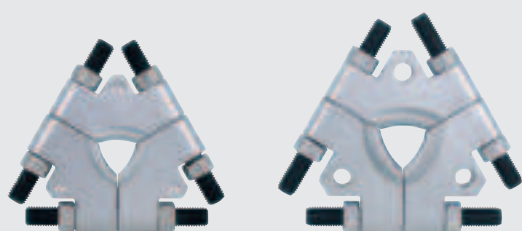
- Ultimate stability when pulling as the segments and pulling device are screwed firmly together.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

| Art.-No. |  |  mm |  mm |  mm |  |
|-----------|---|---|---|---|---|
| 13-ME-180 | -101922 | 245 | 80-280 | 24 | 13-TP-2, 13-TP-3 |

Seperators with 3 segments**ST**

For gentle pulling for spherical roller bearings and angular roller bearings.









13-TP

**Description**

- 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

- Segments are arranged on the inner race behind the bearing and therefore grip the entire bearing to ensure that the force is applied evenly.
- The even transfer of force on the inner race prevents the bearing ring from bending or warping when pulling.

| Art.-No. |  |  mm |  |  |  |  |  |  |
|----------|---|---|--|---|---|---|---|---|
| 13-TP-1 | -101823 | 12- 50 | 21304-22310 | C 2205-C 2210 | 61801-6410 | - | - | 30-10 |
| 13-TP-2 | -101830 | 25-100 | 22205-22320 | C 2205-C 2320 | 61805-6320 | BT2B 332759-617335 | NN 4920-NN 4120 | 13-ME-180 13-HP-180 |
| 13-TP-3 | -101847 | 50-160 | 22211-23232 | C 2211-C 3232 | 61811-6232 | BT2B 332759-BT2B 332758 | NN 4920-NNU4132 | 13-ME-180 13-HP-180 |





Nut splitting

Muttersprengen

07

Double-edged, mechanic nut splitters.....**130**

Zweischneidige, mechanische
Muttersprenger

Single-edged, mechanical nut splitters.....**130**

Einschneidige, mechanische Muttersprenger

Single-edged, grease hydraulic
nut splitters.....**131**

Einschneidige, fetthydraulische
Muttersprenger

Pump hydraulic nut splitter, in case.....**131**

Pumpenhydraulischer Muttersprenger im
Koffer

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Double-edged, mechanic nut splitters

ST

Double-edged models exerting twice the normal splitting force on irretrievable nuts in quality classes 5, 6 and 8.

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.

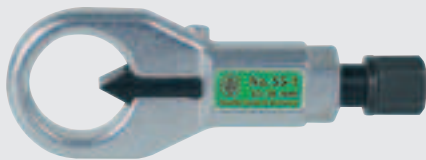
| Art.-No. |  |  mm |  M |  mm |  |  |
|----------|---|---|--|---|---|---|
| 54-2 | -170614 | 10-27 | 6-18 | 14 | 109 | 54-2-M |
| 54-3 | -170799 | 17-36 | 12-24 | 16 | 134 | 54-3-M |

Single-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.

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.

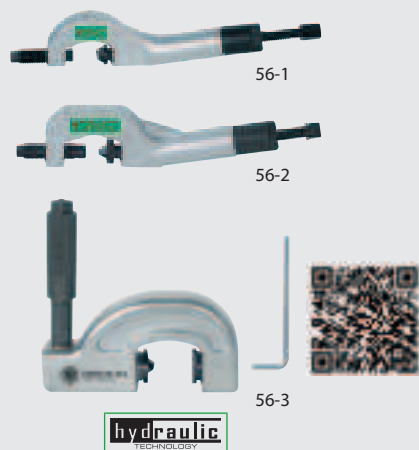
Advantage

- 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. |  |  mm |  M |  mm |  |  |
|----------|---|---|--|---|---|---|
| 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 |

**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**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. |  | Edelstahl/ stainless steel |  |  |  |  | max. |  |
|-------------|---|----------------------------------|--|---|---|---|------|---|
| | | | mm | M | mm | | t | Nm |
| 54-2 | -020483 | - | 7-24 | M4-M14 | 18 | 167 | - | 60 |
| 54-3 | -020551 | - | 22-36 | M14-M24 | 30 | 249 | - | 70 |
| 56-3 | -111501 | bis Güte 8 | 27-36 | M18-M24 | 37 | 210 | 21 | 50 |
| | | bis Güte 10 | 27-46 | M18-M30 | | | | |

Pump hydraulic nut splitter, in case**ST**

For use in commercial vehicles, the pipe industry, tank cleaning, the petrochemical industry, steel construction, mining, etc.

Y-57

Y-5710M
Y-5719M
Y-5724M
Y-5732M
Y-5741M
Y-5750M
Y-5760M





Y-57-10
Y-57-19
Y-57-24
Y-57-32
Y-57-41
Y-57-50
Y-57-60

**Description**

- hydraulic, single-acting with spring return
- compact ergonomic construction
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- unique slanting head for use on flat surfaces
- faster spring removal
- 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 | | |
| Y-57-10 | -123559 | 10-19 | Y-5710M | i-Boxx |
| Y-57-19 | -123556 | 19-24 | Y-5719M | i-Boxx |
| Y-57-24 | -870675 | 24-32 | Y-5724M | i-Boxx |
| Y-57-32 | -870682 | 32-41 | Y-5732M | i-Boxx |
| Y-57-41 | -870699 | 41-50 | Y-5741M | i-Boxx |
| Y-57-50 | -870705 | 50-60 | Y-5750M | i-Boxx |
| Y-57-60 | -870712 | 60-75 | Y-5760M | i-Boxx |

TIP:

YHP-320

YF-200

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





Extractor

Ausdreher

08

| | |
|-----------------------|-----|
| Bolt extractors..... | 134 |
| Schraubenausdreher | |
| Stud Extractors..... | 136 |
| Stehbolzen-Ausdreher. | |

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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.

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 |  mm |  mm |
|----------|---|---|---|---|
| 49-U-11 | -799549 | M5 | M7 | 3,2 |
| 49-U-12 | -799624 | M8 | M9 | 4,8 |
| 49-U-13 | -799709 | M10 | M10 | 6,4 |
| 49-U-14 | -799884 | M12 | M12 | 8,0 |
| 49-U-15 | -799969 | 14 | 16 | 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-U-B





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.

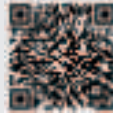
Advantage

- Narrow grooves offer better traction for convenient operation.

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

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 | Kunststoff | 5 |
| 49-B | -019098 | 3-24 | Knuststoff | 6 |
| 49-C | -019173 | 3-45 | Kunststoff | 8 |

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 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 |
| 52-2 | -019661 | 8-19 | 19 |
| 53-3 | -019746 | 18-25 | 19 |

Stud puller with extra wide working range

ST

For boring out stud bolts or torn parts.

52



Description

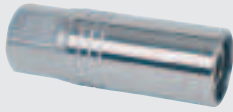
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

| 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. |  4021176 |  mm |  mm |  mm |
|----------|--|---|---|---|
| 53-5 | -137860 | 5 | 1/2 | 21 |
| 53-6 | -342318 | 6 | 1/2 | 21 |
| 53-7 | -866234 | 7 | 1/2 | 21 |
| 53-8 | -342493 | 8 | 1/2 | 21 |
| 53-10 | 342561 | 10 | 1/2 | 21 |
| 53-12 | -342646 | 12 | 1/2 | 21 |
| 53-14 | -984563 | 14 | 1/2 | 27 |
| 53-16 | -388774 | 16 | - | 27 |
| 53-18 | -137846 | 18 | 3/4 | 36 |
| 53-20 | -745591 | 20 | 3/4 | 36 |
| 53-22 | -971082 | 22 | - | 36 |
| 53-24 | -966774 | 24 | - | 36 |
| 53-30 | -966781 | 30 | - | 46 |

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. |  4021176 |  mm |  mm |  | Stück pieces |
|----------|--|---|---|---|-----------------|
| 53 | -342233 | 6; 8; 10; 12 | 21 | Kunststoff | 4 |





Automotive Special

Automotive Spezial

09

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| Thread repair..... | 140 |
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KUKKO Thread Repair Set

ST

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

ST

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 |  Stück |
|-----------|---|--|--|--|---|
| 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" | 24 Gang 24 Gang | 0,75 1,12 | 5 5 |

Pulling device

ST

For removing hubs on SAF and BPW axes for cars and commercial vehicles

226





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. |  | M18x1,5 | M20x1,5 | M22x1,5 | max. t |  |
|------------|---|---|---|---|-----------|---|
| 226-4/11 | -831362 | DAF, Daimler, Faun, IVECO, EVO Bus, Setra, MAN, VW LT35, 40, 45, 50 | Auwärter, DAF, Daimler, Faun, IVECO, EVO Bus, Setra, MAN, Steyr-Daimler-Puch, VOLVO, Anhänger | Auwärter, Bedford, DAF, Daimler, Faun, IVECO, EVO Bus, RVI, Setra, MAN, Steyr-Daimler-Puch, VOLVO | - | - |
| K-226-4/12 | -035753 | DAF, Daimler, Faun, IVECO, EVO Bus, Setra, MAN, VW LT35, 40, 45, 50 | Auwärter, DAF, Daimler, Faun, IVECO, EVO Bus, Setra, MAN, Steyr-Daimler-Puch, VOLVO, Anhänger | Auwärter, Bedford, DAF, Daimler, Faun, IVECO, EVO Bus, RVI, Setra, MAN, Steyr-Daimler-Puch, VOLVO | 15 | 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



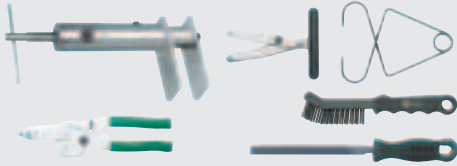
| Art.-No. |  | für for |
|----------|---|------------|
| 119-1 | -365904 | VW |



Brake caliper tools set

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 |

ST

Disk brake pad remover

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.

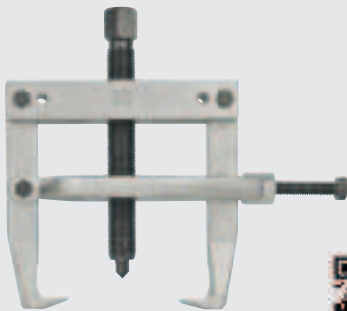
| Art.-No. |  | Bezeichnung description |  mm |
|----------|--|-------------------------|---|
| 123 | -270789 | Mercedes | |
| 123-2 | -431586 | Vierkant | 400 x 14 |
| 123-3 | -804243 | Sechskant | 400 x 17 |

ST

2-arm puller for brake linkage adjusters

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.

| Art.-No. |  |  mm |  mm | für for |
|----------|---|---|---|-----------------------------|
| 204-30 | -914379 | 150 | 140 | für Achsen an LKW-Anhängern |

ST

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 „Universal“

ST

For expansion of bolt springs.

65



Description

- Connecting bracket is adjustable.

Advantage

- Does not take up much space.

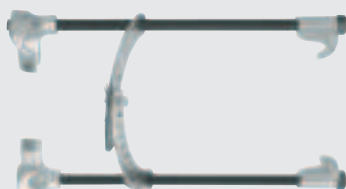
| Art.-No. | | mm | mm | max. t |
|----------|---------|-----------|-----------|-----------|
| 65-0 | -020636 | 110 - 180 | 100 - 200 | 2 |
| 65-1 | -020711 | 110 - 180 | 100 - 300 | 2 |
| 65-2 | -020896 | 110 - 180 | 100 - 400 | 2 |

Spring compressors „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. | | mm | mm | max. 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




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 for |
|----------|---|--|--|--|
| 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



Description

- infinitely adjustable with clamping wrench
- special spring steel, high elasticity
- lock and spanner bright-nickel-plated

| 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**ST**

For spreading the piston rings.

101

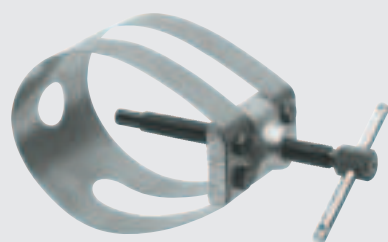


| Art.-No. | | | |
|----------|---------|----------|-----|
| | 4021176 | mm | mm |
| 101-1 | -022531 | 50 - 100 | 200 |
| 101-2 | -022616 | 90 - 150 | 240 |

Piston pin driver**ST**

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.

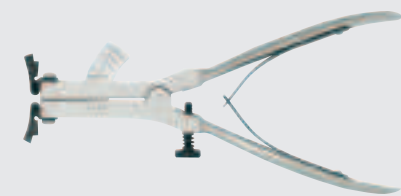
Advantage

- Pistons will not be damaged.

| Art.-No. | | |
|----------|---------|-----|
| | 4021176 | mm |
| 102-0 | -170874 | 38 |
| 102-1 | -022791 | 100 |

Universal piston ring spreader**ST**

101-3



| Art.-No. | | |
|----------|---------|----------|
| | 4021176 | mm |
| 101-3 | -974489 | 60 - 140 |

Hub and rim puller**ST**

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. | | | |
|----------|---------|-------|----|
| | 4021176 | 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

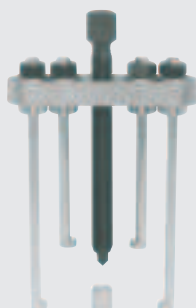
- With one tensile ring each in 100 and 150 mm diameter for steering wheels with three or four spokes
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can 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.

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

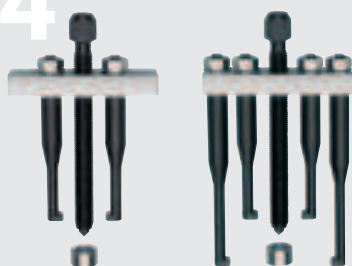
- Cap for protection of the thread in the steering column.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

| 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.

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



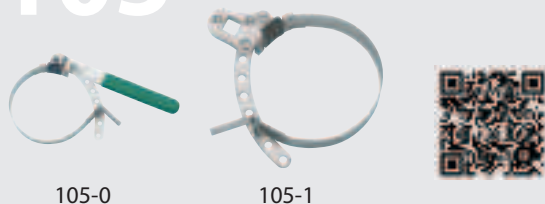
| Art.-No. |  | Ø |  |
|----------|--|-------------|---|
| 104-32 | -790751 | mm 0-110 | mm 24 |

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.

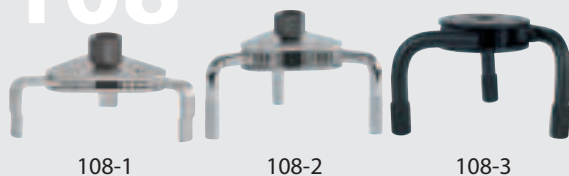
| Art.-No. |  | Ø |
|----------|---|--------------|
| 105-0 | -023866 | mm 70-110 |
| 105-1 | -175749 | 70-110 |

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.

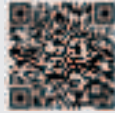
| Art.-No. |  |  |  |  |
|----------|---|---|---|---|
| | 4021176 | mm | Stück | mm |
| 38 | -014383 | 250 | 5 | 27 |

ST

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. |  |  |  | Bezeichnung description |  |
|----------|---|--|--|----------------------------|--|
| | 4021176 | mm | Stück | | |
| 40-3 | -014611 | 225 | 3 | | |
| 40-5 | -014956 | 225 | 5 | | |

ST

Hydraulic hub puller

Universal application for removing hubs from cars and trucks.

10-A








Description

- Damage to the wheel bolts can be prevented by using different sized index plates.
- Possible to adjust the jaws to two different lengths
- With centering-pin and 50, 100 and 150 mm extension pieces

Advantage

- Easy handling.
- Flexibility through variably sized index plates.
- Protection of wheel bolts through consistently flush captive-nut retainers.

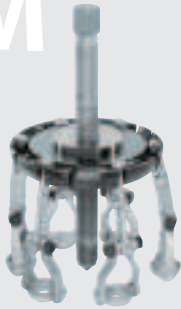
| Art.-No. |  |  |  |  | max. t |  |
|----------|---|--|---|---|-----------|---|
| | 4021176 | mm | mm | Stück | | |
| 10-A | -005626 | 150 | 250 | 6 | 20 | L-Boxx |
| 10-G | -005701 | 150 | 250 | 7 | 20 | L-Boxx |

ST

Hub puller

ST

10-M







Description

- Heavy-duty mechanical design.
- Possible to adjust the jaws to two different lengths.

Advantage

- Easy handling.
- Flexibility through variably sized index plates.
- Protection of wheel bolts through consistently flush captive-nut retainers.

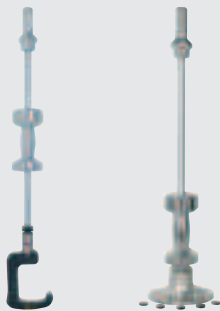
| Art.-No. |  |  |  |  | max. |
|----------|---|---|---|---|------|
| 10-M | -862311 | mm | mm | Stück | t |
| | | 150 | 350 | 6 | 15 |

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. |  |  |  |
|----------|--|---|---|
| 229-1 | -995002 | mm | 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



hydraulic
TECHNOLOGY

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 |
|----------|---|------|---|-----------------|
| 229-2 | -995026 | t | 229-1 | |
| 229-3 | -995033 | 15 | 229-1 | |



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 |  mm | Stück pieces |
|----------|---|---|--|---|---|---|---|---|-----------------|
| K-142/4 | -039232 | 60 | 50 | 15 - 26,5 | 30 -64,5 | 2,5 - 5 | 16 -47,5 | 142-1, 142-4, 128-F-SW, 43-1 | 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. | | | | | max. |
|----------|---------|-----|-----|----|------|
| | 4021176 | mm | mm | mm | 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. | | | |
|----------|---------|----|----|
| | 4021176 | mm | mm |
| 48 | -170539 | 60 | 40 |

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. | | | | | | |
|----------|---------|----|---------|-----|---------|----|
| | 4021176 | mm | inch | mm | inch | mm |
| 204-V | -974533 | 90 | 3 17/16 | 100 | 3 15/16 | 22 |



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



103-1

103-2

103-3



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



hydraulic
TECHNOLOGY





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**

For multi-grooved pulleys up to 195 mm diameter.

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 195 | mm 68 - 88 |

Detaching tool for car-door inside panel**ST**

134

**Description**

- 2-component handle.

Advantage

- Practical tool for professional removal of vehicle trim.

| Art.-No. | | | |
|----------|---------|-----------|-----------|
| 134 | -975981 | mm 175 | mm 285 |

Deflection tool for injectors**ST**

230-I



| Art.-No. | | | für for |
|----------|---------|-----------|------------|
| 230-I | -977626 | mm 280 | MB CDI |

Extractor with self-centering jaws**ST**

For safe and damage-free removal of plugged hub caps, wheel covers, dust and grease covers.

225

AUTOGrip
TECHNOLOGY**Description**

- The quick-release lock allowed a fast replacement of the jaws.

Advantage

- Particularly suitable for narrow grooves on dust and grease covers.
- The extractor can be combined with the KUKKO counterstay 22-2 and with slide hammer 22-0-1.

| Art.-No. | | | |
|----------|---------|----------|-----------|
| 225-SK | -324215 | mm 65 | mm 225 |



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 | -000461 | 3,28 - 5,72 | 59-1, 59-1-1, 59-1-2, 58-1 | 14 | i-Boxx |

ST

Steering head bearing fitting tool kit

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 mounting 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. |  4021176 |  mm |  inch |  mm |  inch |  mm |  inch |  St./pcs. |
|----------|--|---|--|---|---|---|---|---|
| 71-M | -772788 | 25 - 35 | 1 - 1 3/8 | 32 | 1 1/4 | 360 | 14 3/16 | 4 |

ST

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.

| Art.-No. |  |  |  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. |  |  mm |
|----------|---|---|
| 121-182 | -831379 | 18,2 |
| 121-184 | -403163 | 18,4 |
| 121-190 | -079092 | 19 |
| 121-200 | -202544 | 20 |
| 121-225 | -202575 | 22,5 |
| 121-260 | -831386 | 26 |
| 121-266 | -403187 | 26,6 |
| 121-319 | -403194 | 31,9 |
| 121-326 | -403200 | 32,6 |
| 121-389 | -403224 | 38,9 |
| 121-186 | -058745 | 18,6 |
| 121-265 | -058752 | 26,5 |
| 121-282 | -079757 | 28,2 |
| 121-293 | -058776 | 29,3 |





Ball joints extractors

Kugelgelenk-Ausdrücker

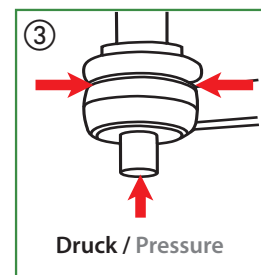
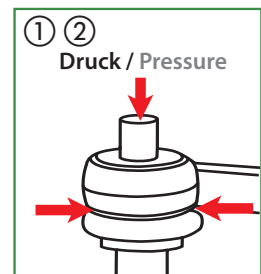
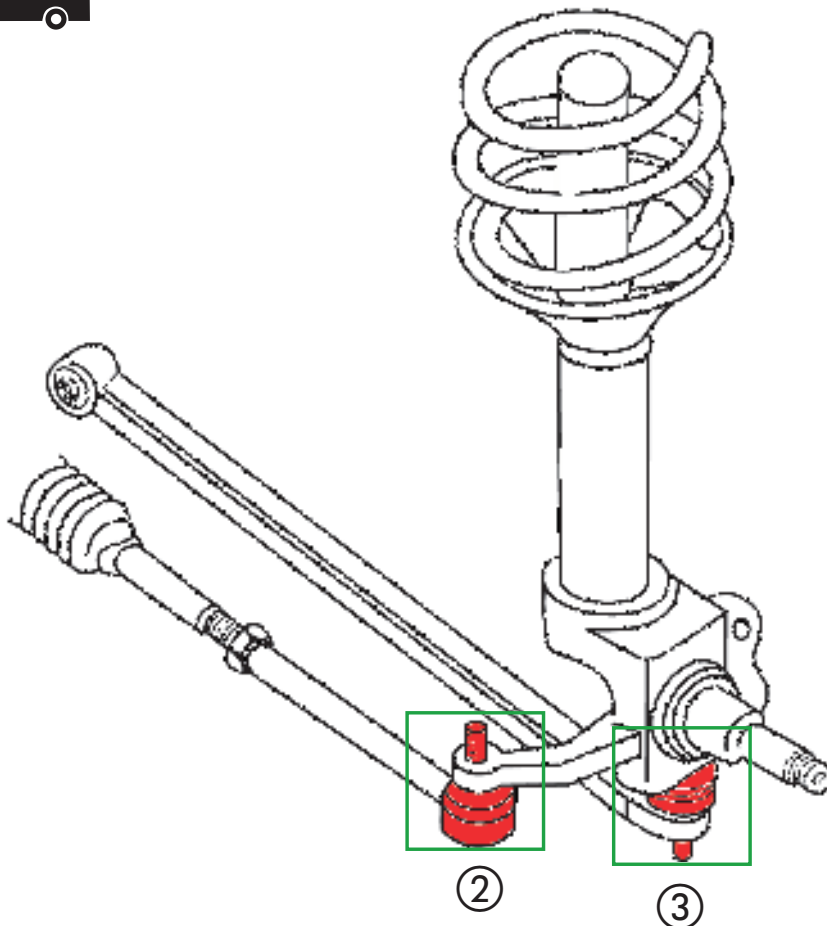
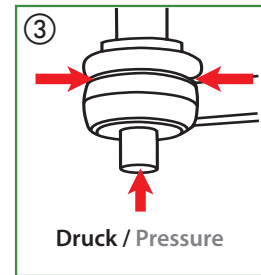
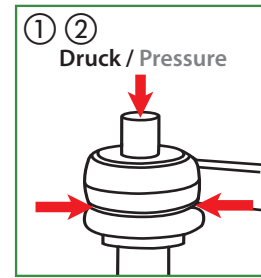
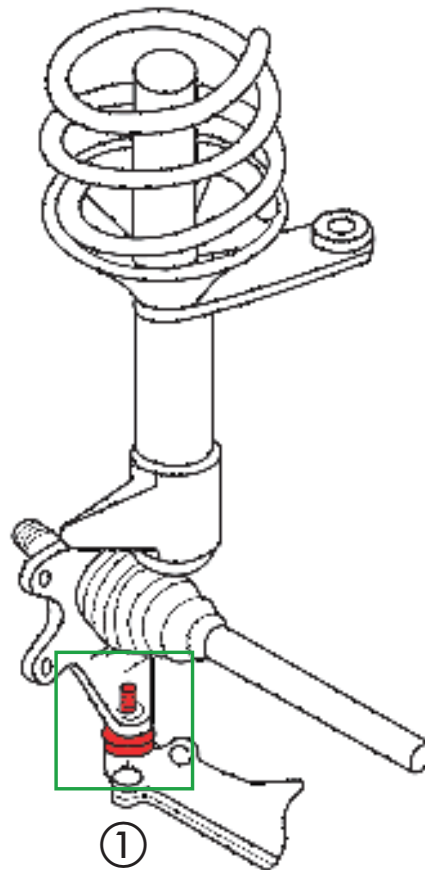
10

| | |
|---|-----|
| Ball joint extractor guide..... | 158 |
| Kugelgelenk-Ausdrücker-ABC | |
| Ball joint extractors..... | 160 |
| Kugelgelenk-Ausdrücker | |
| Pressure piece kit for universal press frame... | 168 |
| Druckstücksätze für Universal Pressrahmen | |
| Spreader for wheel bearing housing..... | 169 |
| Aufspreizer für Federbein- und Lenkungsteile | |

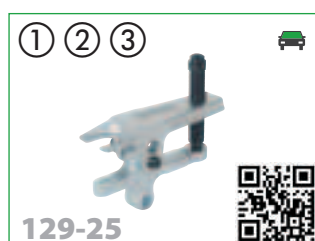
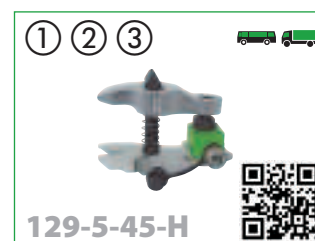
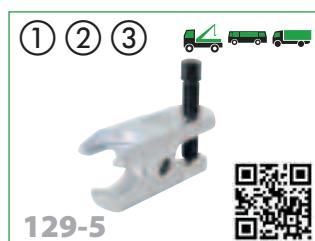
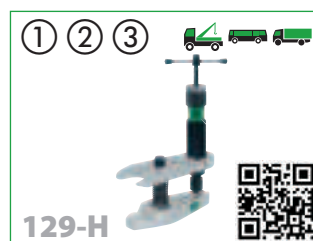
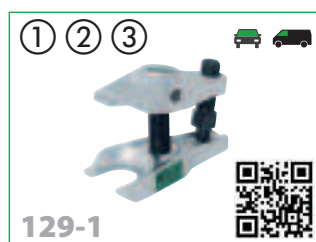
| |
|----|
| 01 |
| 02 |
| 03 |
| 04 |
| 05 |
| 06 |
| 07 |
| 08 |
| 09 |
| 10 |
| 11 |
| 12 |



Ball joint extractor guide



Ball joint extractor guide



01
02
03
4
05
06
07
08
09
10
11
12



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

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 |
|----------|---|---|---|---|---|
| 128-4 | -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. | | | | für for |
|------------|---------|------|----|---|
| 129-0 | -410536 | mm | mm | 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. | | | | 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

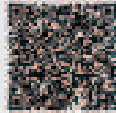
- Simple adjustment of clamping depths thanks to spring mechanism.
- Continuously adjustable clamping widths.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product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




129-H

**Description**

- Made from sturdy, alloyed, hardened and tempered steel, galvanized.
- Lubricating hydraulics.
- Hydraulic spindle and mechanical 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. |  |  |  | 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. |  |  |  | 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. |  |  |  | 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. |  |  |  | für for |
|----------|---|---|---|---|
| 129-5-45 | -333316 | 35 - 45 | 120 | schwere LKW's, Busse, Niederflurbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo |
| 129-5-50 | -123313 | 50 | 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

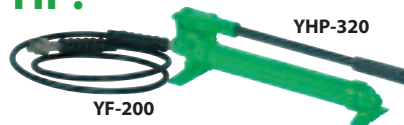
- High performance is guaranteed by the extra-powerful design of the basic body and reinforced fork.
- Heavy duty version for hydraulic extraction and separation of the ball joints on the connecting rods and steering tie rods.
- Hydraulic cylinder.
- Milled thread treated with special coating.
- Strong 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, Niederflrbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo |
| 129-5-45-H20 | -333422 | 35 - 45 | 120 | 20 | schwere LKW's, Busse, Niederflrbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo |
| 129-5-50-H10 | -000317 | 50 | 120 | 10 | schwere LKW's, Busse, Niederflrbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo |
| 129-5-50-H20 | -000324 | 50 | 120 | 20 | schwere LKW's, Busse, Niederflrbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo |
| 129-5-50-H10 | -00317 | 50 | 120 | 10 | schwere LKW's, Busse, Niederflrbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo |
| 129-5-50-H20 | -000324 | 50 | 120 | 20 | schwere LKW's, Busse, Niederflrbusse von DAF, IVECO, MAN, Mercedes, Renault, Scania, Volvo |

TIP:



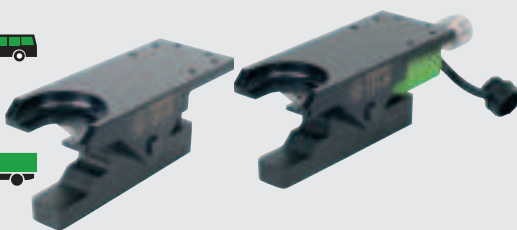
Not included in the delivery are the hydraulic pump **YHP-320** and the hose **YF-200**. **These are needed to operate the puller!**

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, Niederflrbusse, speziell Citaro | |
| 129-36 | -865077 | 36 | 60 | - | schwere LKW's, Niederflrbusse, 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






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. |  |  mm | für for |
|----------|---|---|--------------------------|
| 129-6 | -971662 | 24 - 32 - 47 | schweres Werkstattmodell |

Hydraulic hand pump, gauge and hoses

HY

YHP



YHP-326



YHP-320



YF-200



YM-235



Description

- All components available as replacement parts, time-saving order process thanks to numbering system.
- 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. | | bar | cm ³ | mm | max. t | | |
|----------|---------|-------------------|-----------------|----|-----------|-----------------|-------------------------|
| YHP-320 | -045721 | 700 | 900 | 23 | 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 | | | | | |

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.
- 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.

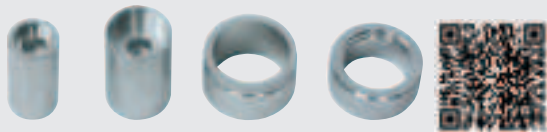
| Art.-No. | | max. t | mit with |
|----------|---------|-----------|-------------|
| 880-800 | -433689 | 10 | 800 |
| 880-801 | -433696 | 15 | 801 |
| 880-802 | -433702 | 20 | 802 |



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 |

Spreader for wheel bearing housing**ST****For the safe and completely risk-free spreading of wheel bearing housing.****145****Description**

- Mechanical pressure screw.
- Milled thread treated with special coating.
- Ball bearing mounted nut.
- Instructional video can be opened directly on the tool using the QR code.
- Strong design, high performance and long service life.

Advantages

- For example, the spreader has a fixed hinge and is firmly attached to a control arm after installation so that the assembly and disassembly of the strut can be accomplished with no additional effort in one job step.
- The design facilitates compliance with the expansion force specified by the automotive industry by means of a ball bearing mounted nut.
- In particular, for very close and difficult space conditions, the small and maneuverable tool is a problem solver in every workshop.
- It is impossible for the tool to slip thanks to the screw connection on the control arm or supporting rod.
- The use of chisels, screwdrivers, or complicated special solutions is not necessary.

| Art.- No. |  4021176 |  mm |  mm |  mm |  mm |
|--------------|--|---|---|---|---|
| 145-2 | -123337 | 17 | 95 | 5 | 59,5 |
| 145-3 | -001420 | 19 | 90 | 5 | 70 |







Hydraulics

Hydraulik

11

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| |
|----|
| 01 |
| 02 |
| 03 |
| 04 |
| 05 |
| 06 |
| 07 |
| 08 |
| 09 |
| 10 |
| 11 |
| 12 |



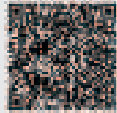


Hydraulic 2-jaw puller with swiveling jaws, with hydraulic hollow ram for pump drive

HY

For removing particularly large and tight bearings, gears, discs, etc.

Y-205






Description

- Hydraulic hollow ram.
- 2-jaw puller
- Rotating puller hook.
- Strong design, high performance and long service life.

Advantage

- Universal application thanks to adjustable clamping depths.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- Product video on the product can be opened.

| Art.-No. |  |  |  | max. | max. |
|----------------|---|---|---|------|------|
| | | mm | mm | bar | t |
| Y28-205 | -036088 | 420 | 300 | 525 | 15 |
| Y38-205 | -037078 | 700 | 520 | 580 | 25 |
| Y58-205 | -038068 | 1000 | 700 | 525 | 45 |

Hydraulic 3-jaw puller with swiveling jaws, with hydraulic hollow ram for pump drive

HY

For removing particularly large and tight bearings, gears, discs, etc.

Y-206






Description

- Hydraulic hollow ram.
- 3-arm puller
- Rotating puller hook.
- Strong design, high performance and long service life.

Advantage

- Universal application thanks to adjustable clamping depths.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- Product video on the product can be opened.

| Art.-No. |  |  |  | max. | max. |
|----------------|---|---|---|------|------|
| | | mm | mm | bar | t |
| Y28-206 | -036248 | 500 | 300 | 700 | 20 |
| Y38-206 | -037238 | 900 | 520 | 700 | 30 |
| Y58-206 | -038228 | 1200 | 700 | 580 | 50 |

Hydraulic wheel-puller sets

HY

For removal of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.

Y-56



Description

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- 2- and 3-jaw pullers.

Advantage

- Arranged and space-efficient custody in the metal case.
- 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 | mm | max. t | max. t |
| Y28-256 | -036811 | 500 | 300 | 15 | 20 |
| Y38-356 | -037801 | 900 | 520 | 25 | 30 |
| Y58-556 | -038631 | 1200 | 700 | 45 | 50 |

Hydraulic hand pump, gauge and hoses

HY

For use with pullers in the Kukko line of hydraulic products.

YHP



YHP-326



YHP-320



YF-200



YM-235



Description

- All components available as replacement parts, time-saving order process thanks to numbering system.
- 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. | | bar | | | max. t | | | |
|----------|---------|-------------------|-----------------|----|--------|-------------------------|-----------------|--------|
| | | | cm ³ | mm | | | | |
| YHP-320 | -045721 | 700 | 900 | 23 | 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 | - | Metall |
| YF-200 | -045646 | 2 m Schlauch | | | | - | YHP-320 | - |
| YM-235 | -157769 | 700 bar Manometer | | | | - | YF-200, YHP-320 | - |
| YGA-2 | -458644 | Adapter | | | | - | - | - |



Accessories for hydraulic pullers

For use with pullers in the Kukko line of hydraulic products.

Y205/206



Y205-00
Y305-00
Y505-00



Y205-20
Y305-20
Y505-20



Y205-30
Y305-30
Y505-30



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. |  | Bezeichnung description | max. t |  |
|----------------|---|---|-----------|---|
| Y205-00 | -273759 | Abzughaken mit Laschen, Schrauben und Muttern | 20 | Y20-205, Y20-206, Y28-205, Y28-206 |
| Y205-20 | -038976 | 2-Arm Traverse / 2-jaw cross-beam | 20 | Y20-205, Y20-206, Y28-205, Y28-206 |
| Y206-30 | -039478 | 3-Arm Traverse / 3-jaw cross-beam | 20 | Y20-205, Y20-206, Y28-205, Y28-206 |
| Y305-00 | -273834 | Abzughaken mit Laschen, Schrauben und Muttern | 30 | Y30-205, Y30-206, Y38-205, Y38-206 |
| Y305-20 | -040931 | 2-Arm Traverse / 2-jaw cross-beam | 30 | Y30-205, Y30-206, Y38-205, Y38-206 |
| Y306-30 | -041433 | 3-Arm Traverse / 3-jaw cross-beam | 30 | Y30-205, Y30-206, Y38-205, Y38-206 |
| Y505-00 | -273919 | Abzughaken mit Laschen, Schrauben und Muttern | 50 | Y50-205, Y50-206, Y58-205, Y58-206 |
| Y505-20 | -042911 | 2-Arm Traverse / 2-jaw cross-beam | 50 | Y50-205, Y50-206, Y58-205, Y58-206 |
| Y506-30 | -043413 | 3-Arm Traverse / 3-jaw cross-beam | 50 | Y50-205, Y50-206, Y58-205, Y58-206 |

2-jaw puller with swiveling jaws (without hydraulic hollow ram for pump drive)

For removing particularly large and tight bearings, gears, discs, etc.

Y-205






Description

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

Advantage

- Universal application thanks to adjustable clamping depths.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- All components available as replacement parts, time-saving order process thanks to numbering system.

| Art.-No. |  |  mm |  mm | max. t |
|----------------|---|---|---|-----------|
| Y20-205 | -035906 | 420 | 300 | 15 |
| Y30-205 | -036996 | 700 | 520 | 25 |
| Y50-205 | -037986 | 1000 | 700 | 45 |

3-jaw puller with swiveling jaws (without hydraulic hollow ram for pump drive)**HY**




For removing particularly large and tight bearings, gears, discs, etc.

Y-206**Description**

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

Advantage

- Universal application thanks to adjustable clamping depths.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- All components available as replacement parts, time-saving order process thanks to numbering system.

| Art.- No. |  4021176 |  mm |  mm | max. t |
|----------------|--|---|---|-----------|
| Y20-206 | -036163 | 500 | 300 | 20 |
| Y30-206 | -037153 | 900 | 520 | 30 |
| Y50-206 | -038143 | 1200 | 700 | 50 |

Accessories for hollow rams**HY**

For use with pullers in the Kukko line of hydraulic products.

Y18

Y218-10
Y318-10
Y518-10

Y218-11
Y318-11
Y518-11

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. |  4021176 | Bezeichnung description | max. t |  |
|----------------|--|----------------------------|-----------|---|
| Y218-10 | -040368 | Handkurbel | 20 | YRH-202 |
| Y218-11 | -040443 | Mittelspindel | 20 | YRH-202 |
| Y318-10 | -041761 | Handkurbel | 30 | YRH-302 |
| Y318-11 | -041846 | Mittelspindel | 30 | YRH-302 |
| Y518-10 | -044243 | Handkurbel | 50 | YRH-603 |
| Y518-11 | -044328 | Mittelspindel | 50 | YRH-603 |



Hydraulic 3-jaw combination puller with swiveling jaws, with hydraulic cylinder for pump drive

HY

For removing particularly large and tight bearings, gears, discs, etc.

Y-208








Description

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

Advantage

- Combi-pullers can be used as a 3-jaw and 2-jaw puller.
- Universal application thanks to adjustable clamping depths.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- 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. bar | max. t |
|----------------|---|---|---|---|---|-------------|-----------|
| Y08-208 | -461774 | 250 | 215 | 125 | 1 1/2" - 16 UN | 700 | 5 |
| Y18-208 | -461699 | 500 | 500 | 250 | 2 1/4 - 14 UNS | | 10 |

3-jaw combination puller with swiveling jaws (without hydraulic cylinder for pump drive)

HY

For removing particularly large and tight bearings, gears, discs, etc.

Y-208







Description

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

Advantage

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

| Art.-No. |  |  mm |  mm |  | max. t |
|----------------|---|--|---|---|-----------|
| Y05-208 | -172366 | 250 | 215 | 1 1/2" - 16UN | 5 |
| Y10-208 | -172441 | 500 | 500 | 2 1/4 - 14 UNS | 10 |

Hydraulic push/pulling device with hydraulic hollow ram for pump drive

HY

For removing particularly large and tight bearings, gears, discs, etc. using separator blades and internal extractors.

Y-180






Description

- Hydraulic hollow ram.
- 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

- Easy and even pulling for particularly tight parts.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- Product video on the product can be opened.

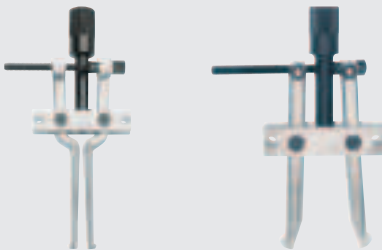
| Art.-No. |  4021176 |  mm |  mm | max. bar | max. t |
|----------|--|---|---|-------------|-----------|
| Y28-180 | -036408 | 470 | 300 | 525 | 15 |
| Y38-180 | -037498 | 520 | 420 | 580 | 25 |
| Y58-180 | -038488 | 660 | 540 | 405 | 45 |

Internal extractors

HY

For extracting inner bearings, bearing outer rings and bushings.

Y-21






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

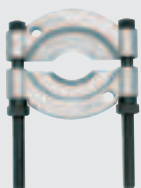
- The 2-shell design with extra large grasp edges ensures safe extraction.
- The internal extractors are equipped with an internal safety stop to protect against excess tension and overloading.
- Product video can be opened directly on the tool using the QR code.
- Kukko internal extractors can be combined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




| Art.-No. |  4021176 |  mm |  mm | max. t |
|----------|--|---|---|-----------|
| Y-221-E | -040856 | 30 - 180 | 140 | 15 |
| Y-321-E | -042836 | 75 - 230 | 150 | 20 |
| Y-521-E | -044656 | 75 - 230 | 150 | 25 |

Separators for hydraulic push/pull devices

HY

Y-15



| Art.-No. |  4021176 |  mm |  mm | max. t |
|----------|--|---|---|-----------|
| Y-215-2 | -172106 | 22 - 115 | 115 | 15 |
| Y-215-3 | -039546 | 25 - 155 | 152 | 15 |
| Y-215-4 | -385629 | 30 - 200 | 200 | 15 |
| Y-315-4 | -398186 | 30 - 200 | 200 | 20 |
| Y-315-5 | -041501 | 30 - 250 | 250 | 20 |
| Y-515-5 | -400063 | 30 - 250 | 250 | 30 |
| Y-515-6 | -043581 | 75 - 330 | 330 | 30 |
| Y-515-7 | -172281 | 80 - 420 | 420 | 30 |



Hydraulic push/pull device sets

HY

For separation and internal extraction of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.

Y-18











Description

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- Separator blade.
- Internal extractor.

Advantage

- Arranged and space-efficient custody in the metal case.
- 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 | mm | mm | mm | max. t | t | max. t |
| Y28-218 | -036651 | 470 | 25 - 155 | 30 - 180 | 300 | 15 | 15 | 10 |
| Y38-318 | -037641 | 520 | 30 - 250 | 75 - 230 | 420 | 25 | 20 | 20 |
| Y58-518 | -038891 | 660 | 75 - 330 | 75 - 230 | 540 | 35 | 30 | 25 |

Accessories for hydraulic pulling devices

HY

For use with pullers in the Kukko line of hydraulic products.

Y-18-E



Y218-03
Y318-03
Y518-03



Y218-06-P
Y218-07-P
Y218-08-P
Y318-36-P
Y318-37-P
Y318-38-P
Y518-07-P
Y518-08-P





Y218-33
Y318-33
Y518-33

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. |  | Bezeichnung description | max. t |  |
|-----------|---|--|-----------|---|
| Y218-03 | -039706 | Traverse | 20 | Y20-180, Y28-180 |
| Y218-06-P | -056420 | Paar Zugbolzen 240 mm | 20 | Y20-180, Y28-180 |
| Y218-07-P | -056437 | Paar Zugbolzen 420 mm | 20 | Y20-180, Y28-180 |
| Y218-08-P | -056444 | Paar Zugbolzen 570 mm | 20 | Y20-180, Y28-180 |
| Y218-09-P | -218095 | Paar Stützmuttern für Zugbolzen | 20 | Y20-180, Y28-180 |
| Y218-12-P | -097157 | Paar Zugbolzen 115 mm | 20 | Y20-180, Y28-180 |
| Y218-31-P | -218316 | Paar Verbinder für Zugbolzen | 20 | Y20-180, Y28-180 |
| Y218-33 | -040771 | Schnellverstellmutter | 20 | Y20-180, Y28-180 |
| Y318-03 | -041686 | Traverse (Joch) 30 to. | 30 | Y30-180, Y38-180 |
| Y318-04 | -318047 | Satz Befestigungsmaterial für 1 Paar Zugbolzen | 30 | Y30-180, Y38-180 |
| Y318-36-P | -056338 | Paar Zugbolzen 205 mm | 30 | Y30-180, Y38-180 |
| Y318-37-P | -305863 | Paar Zugbolzen 460 mm | 30 | Y30-180, Y38-180 |
| Y318-38-P | -056345 | Paar Zugbolzen 710 mm | 30 | Y30-180, Y38-180 |
| Y318-39-P | -318399 | Paar Stützmuttern für Zugbolzen | 30 | Y30-180, Y38-180 |
| Y318-41-P | -318412 | Paar Verbinder für Zugbolzen | 30 | Y30-180, Y38-180 |
| Y318-33 | -042188 | Schnellverstellmutter | 30 | Y30-180, Y38-180 |
| Y518-03 | -043826 | Traverse (Joch) 50 to. | 50 | Y50-180, Y58-180 |
| Y518-07-P | -056468 | Paar Zugbolzen 610 mm | 50 | Y50-180, Y58-180 |
| Y518-08-P | -056475 | Paar Zugbolzen 865 mm | 50 | Y50-180, Y58-180 |
| Y518-09-P | -518096 | Paar Stützmuttern für Zugbolzen | 50 | Y50-180, Y58-180 |
| Y518-31-P | -518317 | Paar Verbinder für Zugbolzen | 50 | Y50-180, Y58-180 |
| Y518-33 | -044571 | Schnellverstellmutter | 50 | Y50-180, Y58-180 |

Step plate adapter sets for center-bored parts

HY

Y-17



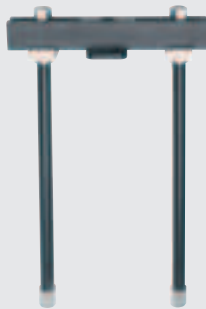
| Art.-No. |  | Ø mm | Bezeichnung description |
|----------|--|---------|----------------------------|
| Y-18-17 | -235078 | 20-62 | 12-teilig |
| Y-19-17 | -235153 | 33-81 | 12-teilig |
| Y-20-17 | -235238 | 55-88 | 6-teilig |
| Y-01-17 | -233173 | 20-23 | einzel |
| Y-02-17 | -233258 | 23-26 | einzel |
| Y-03-17 | -233333 | 26-30 | einzel |
| Y-04-17 | -233418 | 29-33 | einzel |
| Y-05-17 | -233586 | 33-39 | einzel |
| Y-06-17 | -233661 | 36-42 | einzel |
| Y-07-17 | -233746 | 39-46 | einzel |
| Y-08-17 | -233821 | 42-48 | einzel |
| Y-09-17 | -233906 | 45-52 | einzel |
| Y-10-17 | -234163 | 49-58 | einzel |
| Y-11-17 | -234248 | 51-62 | einzel |
| Y-12-17 | -234408 | 55-65 | einzel |
| Y-13-17 | -234576 | 58-68 | einzel |
| Y-14-17 | -234651 | 61-71 | einzel |
| Y-15-17 | -234736 | 65-74 | einzel |
| Y-16-17 | -234811 | 71-81 | einzel |
| Y-17-17 | -234996 | 77-88 | einzel |

Push/pulling device (without hydraulic hollow ram for pump drive)

HY

For removing particularly large and tight bearings, gears, discs, etc. using separator blades and internal extractors.

Y-180






Description

- 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

- 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. |  |  mm |  mm | max. t |
|----------|---|---|---|-----------|
| Y20-180 | -036323 | 470 | 300 | 15 |
| Y30-180 | -037313 | 520 | 420 | 25 |
| Y50-180 | -038303 | 660 | 540 | 35 |

Accessories for hollow rams

HY

For use with pullers in the Kukko line of hydraulic products.

Y-10/11



Y218-10
Y318-10
Y518-10



Y218-11
Y318-11
Y518-11

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. |  | Bezeichnung description | max. t |  |
|----------|---|----------------------------|-----------|---|
| Y218-10 | -040368 | Handkurbel | 20 | YRH-202 |
| Y218-11 | -040443 | Mittelspindel | 20 | YRH-202 |
| Y318-10 | -041761 | Handkurbel | 30 | YRH-302 |
| Y318-11 | -041846 | Mittelspindel | 30 | YRH-302 |
| Y518-10 | -044243 | Handkurbel | 50 | YRH-603 |
| Y518-11 | -044328 | Mittelspindel | 50 | YRH-603 |



Hydraulic hollow rams



For use with the Kukko hydraulics range.

YRH



Description

- Use as pull- and pressure cylinder.
- Single-acting with spring return.
- Complete with threaded pressure piece.
- Safety label to ensure protection of intellectual property.

| Art.-No. |  |  mm | max. t |
|----------------|--|---|-----------|
| YRH-202 | -046711 | 50 | 20 |
| YRH-206 | -870934 | 150 | 20 |
| YRH-302 | -046896 | 63 | 30 |
| YRH-603 | -046971 | 75 | 50 |

HY

Hydraulic cylinder rams with collar threads

Developed for use in all situations

YRE






Description

- Encloses the seal of models with longer hub length, for longer service life and lower storage load.
- Manufactured from high-strength, alloyed steel
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- External threads on cylinder head, piston-rod internal threads and mounting threads on the cylinder bottom enable easy assembly (applies to most models).
- Developed for use in all situations.
- Preloaded return spring reduces the entry speed and thus improves performance.
- Designed with baked enamel finish for increased corrosion resistance
- All models have a CR-400 coupler and dust cap.

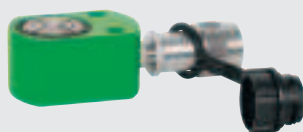
| Art.-No. |  |  mm |  mm | max. t |
|----------------|---|---|---|-----------|
| YRE-050 | -046551 | 125 | 1 1/2" - 16 UN | 5 |
| YRE-101 | -870927 | 250 | 2 1/4" - 14 UNS | 10 |
| YRE-102 | -160660 | 250 | 2 1/4" - 14 UNS | 10 |

HY

Lift cylinder

For use where other cylinders are too big.

YSM





Description

- Designed with baked enamel finish for increased corrosion resistance
- Pistons made of hard chrome high quality steel
- Strong design, high performance and long service life.
- Safety label to ensure protection of intellectual property.

Advantage

- Mounting holes make assembly easy.
- Grooved piston ends mean pressure pads are not needed.
- Preloaded return spring reduces the entry speed and thus improves performance.
- All models have a CR-400 coupler and dust cap.
- The wiper removes impurities on the piston and extends the service life of the cylinder.

| Art.-No. |  |  mm | max. t |
|----------------|--|---|-----------|
| YSM-100 | -101007 | 12 | 10 |
| YSM-200 | -102004 | 11 | 20 |


HY

Pressure pads for hollow rams

HY

YDB




| Art.- No. |  | max. t |
|--------------|---|-----------|
| YDB-27E | -400223 | 20 |
| YDB-33E | -400308 | 30 |
| YDB-55E | -400483 | 50 |
| YDG-20E | -399091 | 20 |
| YDG-30E | -399176 | 30 |
| YDG-50E | -399251 | 50 |
| YDM-20E | -414183 | 20 |
| YDM-30E | -414268 | 30 |
| YDM-50E | -414343 | 50 |

Pressure pads for hollow rams

HY

YDG




| Art.- No. |  | max. t |
|--------------|---|-----------|
| YDG-20E | -399091 | 20 |
| YDG-30E | -399176 | 30 |
| YDG-50E | -399251 | 50 |

Pressure pads for hollow rams

HY

YDM

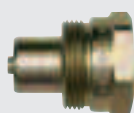



| Art.- No. |  | max. t |
|--------------|---|-----------|
| YDM-20E | -414183 | 20 |
| YDM-30E | -414268 | 30 |
| YDM-50E | -414343 | 50 |

High-flow coupling

HY

YC



| Art.- No. |  | für for |
|--------------|---|-----------------|
| YCH-604 | -440731 | Schlauch / hose |
| YCR-400 | -201318 | Zylinder / ram |

Mobiler Hydraulik-Abzieher 50 t

Mobile hydraulic puller 50 t

Der **GOLIATH** ist der erste mobile KUKKO-Abzieher für Schwerindustrie, Eisenbahn, Kraftwerke und andere Anwendungen bei denen große Lager, Zahnräder und ähnliche Teile demontiert werden müssen. Mit einer Abziehkraft von bis zu 50 t ist er die Lösung für wirklich große Abziehvorgänge.

Der Abzieher kann 2- oder 3-armig eingesetzt werden. Auch eine separat erhältliche Trennvorrichtung kann einfach und schnell montiert werden. Der GOLIATH kann durch die hydraulische Höhenverstellung und in Kombination mit der mechanischen Feineinstellung, über die zentrale Druckspindel sehr einfach und präzise von nur einer Person an dem abzuziehenden Teil angesetzt werden. Das Y-förmige fahrbare Trägergestell mit den 4 Leichtlaufrollen, inklusive Feststellmöglichkeit, ermöglicht die einfache und komfortable Anbringung des Abziehers und garantiert einen sicheren Stand bei allen Anwendungen.








Das Aufbringen der Abziehkraft auf den mit einer zentralen Druckspindel ausgestatteten Druckzylinder erfolgt durch eine zwei-stufige Elektro-Hydraulikpumpe, welche mittels Motorfernbedienung bedient wird. Der Anwender wird so nicht der Verletzungs-gefahr durch evtl. abspringende Teile ausgesetzt. Einen zusätzlichen Schutz bietet dabei auch die Unfallschutzplane, welche den Abzieher beim Abziehvorgang umhüllt. Auch in weiteren Sicherheitsmerkmalen setzt der GOLIATH Maßstäbe. So gewährleisten eine mechanische Sicherung und zusätzliche Hydraulikventile eine Höhenverstellung des Abziehers und ein sicheres Arbeiten, selbst unter höchster Belastung.

GOLIATH is the first mobile Kukko puller for heavy industry, railways, power plants and other applications where large bearings, gear wheels or similar parts must be dismantled. With a pulling force of 50 tonnes, it is ideal for really big pulling jobs.

The puller can be used with two or three arms. An accessory separator fixture can also be fitted quickly and easily. The central pressure spindle of the GOLIATH puller can be attached to the part to be pulled very easily and precisely thanks to the combination of hydraulic height adjustment and mechanical fine adjustment. The puller can be positioned easily and conveniently by one person using the Y-shaped mobile support frame with four easy-rolling, lockable castors, which also ensures stable placement for all applications.

The pulling force is applied by a pressure cylinder equipped with a central pressure spindle, which is actuated by a two-stage electrically driven hydraulic pump with remote motor control. This avoids exposing users to the risk of injury from flying parts.

The GOLIATH puller also sets standards with other safety features. For example, a mechanical safety device and additional hydraulic valves allow the puller height to be adjusted and ensure safe operation even under extremely high stress.

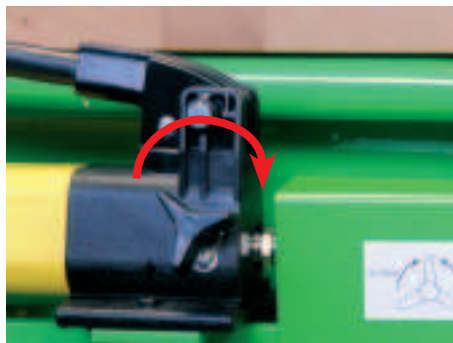
| Art.- No. |  |  mm |  inch |  mm |  inch | max. t |  Volt |  kg |
|--------------------|---|---|---|---|---|-----------|---|---|
| GOLIATH-556 | -102783 | 1200 | 44" | 700 | 27 9/16" | 50 | 230 | 346 |

ABZIEHANLEITUNG / PULLING INSTRUCTION

1. Vorbereitung / Preparing



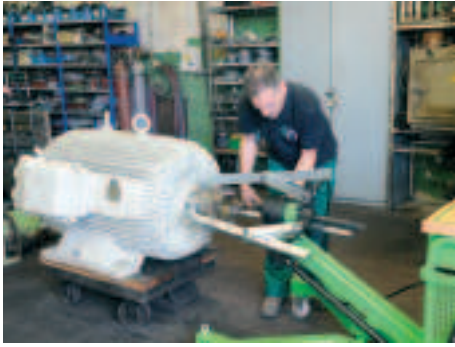
Durch die vorhandenen Aufhängungs-ösen kann der Abzieher mit Hilfe von Kransystemen bewegt werden.
The puller can be moved by a crane using the provided mounting eyelets.



Das Absperrventil muss vor Betätigung der Handpumpe geschlossen werden.
Close the shut-off valve before operating the hand pump.



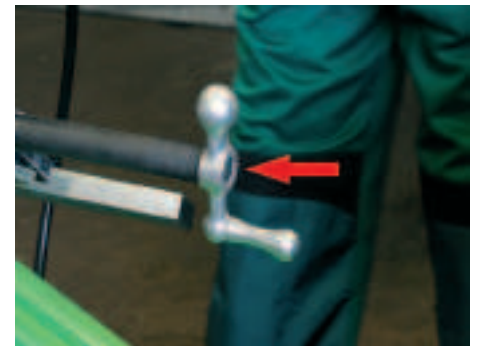
Durch Betätigen der Handpumpe wird die Abziehvorrichtung auf die erforderliche Höhe gebracht.
Use the hand pump to raise the puller to the necessary height.



Die Abzughaken müssen am abzuziehenden Teil angebracht werden.
Fit the pulling hooks to the part to be pulled.



Die Abzughaken an das abzuziehende Teil anlegen und mit einem Schraubenschlüssel festziehen. Auf den richtigen Sitz und ein gleichmäßiges Anliegen der Haken achten!
Place the pulling hooks on the part to be pulled and secure them with a wrench. Ensure that they are properly fitted and make uniform contact.



Die Handkurbel wird auf den Vierkant der Spindel gesteckt. Dann wird die Spindel mit der Handkurbel zentriert und handfest vorgespannt.
Fit the hand crank on the square end of the spindle. Then turn the crank until the spindle is centered and pretensioned hand-tight.

2. Sicherung / Safety protection



Die Spindel muss mit Hilfe der Handkurbel zentriert und handfest vorgespannt werden.
The spindle must be centered and pre-tensioned hand-tight using the hand crank.

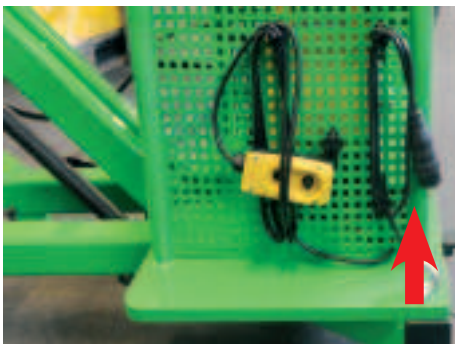


Die Abziehvorrichtung komplett mit Schutzplane (UFP-3) umhüllen.
Completely surround the puller with a protective tarp (UFP-3).



Maximalen Schutzabstand während des Abziehvorgangs einnehmen. Gefahrenzone möglichst verlassen. Unbedingt eine Schutzbrille tragen.
Keep a safe distance away during the pulling process. If possible, leave the hazard area. Always wear safety glasses or goggles.

3. Durchführung / Performance



Den GOLIATH mit dem Netzkabel an eine 230 Volt Stromquelle anschließen.
Plug the power cable of the GOLIATH puller into a 230-V electrical outlet.



Netzschalter auf Ein=I stellen.
Put the power switch in the On (I) position.



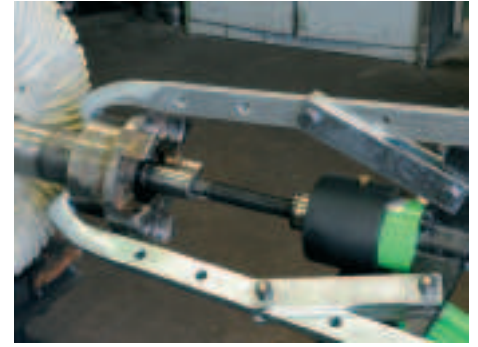
Zum kontrollierten Aufbringen der Abziehkraft ist ein Manometer angebracht.
A pressure gauge can be fitted to check the applied pulling force.



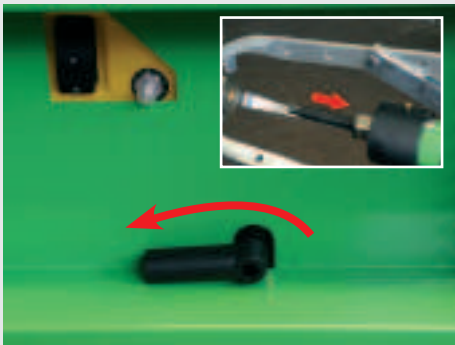
Das Absperrventil muss auf „zu“ gestellt werden um den Abziehvorgang zu starten.
Close the shut-off valve for starting the pulling process.



Den Abziehvorgang mit der Fernbedienung starten.
Start the pulling process with the remote control unit.



Der Abziehvorgang.
The pulling process.



Nach Beendigung des Abziehvorgangs das Absperrventil in Position „Auf“ bringen. Die Spindel fährt automatisch zurück.
After completion of the pulling process, open the shut-off valve. The spindle retracts automatically.



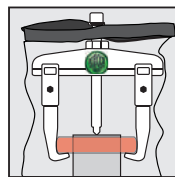
Das Fußpedal treten und dabei gleichzeitig das Absperrventil der Handpumpe öffnen (siehe nächste Abbildung).
Step on the foot pedal while opening the shut-off valve of the hand pump (see next figure).



Das Absperrventil der Handpumpe öffnen. Der Abzieher fährt auf die Ausgangsposition zurück.
Open the shut-off valve of the hand pump. The puller returns to the initial position.



Wichtig!
Schutzbrille und Sicherheitsschuhe tragen!
Attention!
Wear eyeprotection and safety shoes!



Achtung! Safety first!

Als zusätzlicher Schutz wird die KUKKO Unfallschutzplane **UFP-3** empfohlen, die über den Abzieher und das abziehende Teil gespannt wird.

Attention! Safety first!

For additional protection, we recommend wrapping a Kukko UFP-3 accident prevention tarp around the puller and the part to be pulled.

Mobile hydraulic puller „GOLIATH“**HY**

Mobile Kukko puller for heavy industry, railways, power plants and other applications where large bearings, gear wheels or similar parts must be dismantled.

GOLIATH-56
**Description**

- With a pulling force of up to 50 tonnes, it is ideal for really big pulling jobs.
- The central pressure spindle of the GOLIATH puller can be attached to the part to be pulled very easily and precisely by just one person thanks to the combination of hydraulic height adjustment and mechanical fine adjustment.
- The puller can be positioned easily and conveniently using the Y-shaped mobile support frame with four easy-rolling, lockable castors, which also ensures stable placement for all applications.
- The pulling force is applied by a cylinder ram equipped with a central pressure spindle, which is actuated by a two-stage, electrically-driven hydraulic pump with remote motor control.
- This avoids exposing users to the risk of injury from flying parts.

Advantage

- The puller can be used with 2 or 3 jaws.
- An accessory separator fixture can be fitted quickly and easily.
- Modular system can be expanded with other extractor types.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- Product video on the product can be opened.

| Art.-No. | | | | max. | |
|--------------------|---------|------|-----|------|------|
| | 4021176 | mm | mm | t | Volt |
| GOLIATH-256 | -102714 | 500 | 300 | 20 | 230 |
| GOLIATH-356 | -102752 | 900 | 520 | 30 | 230 |
| GOLIATH-556 | -102783 | 1200 | 700 | 50 | 230 |

Mobile hydraulic separator „GOLIATH“ and hydraulic puller**HY**










Mobile Kukko puller for heavy industry, railways, power plants, and other applications requiring the removal of large bearings, gear wheels, or similar parts.

GOLIATH-00
**Description**

- With a pulling force of up to 50 tonnes, it is ideal for really big pulling jobs.
- The central pressure spindle of the GOLIATH puller can be attached to the part to be pulled very easily and precisely by just one person thanks to the combination of hydraulic height adjustment and mechanical fine adjustment.
- The puller can be positioned easily and conveniently using the Y-shaped mobile support frame with four easy-rolling, lockable castors, which also ensures stable placement for all applications.
- The pulling force is applied by a cylinder ram equipped with a central pressure spindle, which is actuated by a two-stage, electrically-driven hydraulic pump with remote motor control.
- This avoids exposing users to the risk of injury from flying parts.

Advantage

- The model is equipped with a separator, but can also be combined with hydraulic systems.
- Modular system can be expanded with other extractor types.
- All components available as replacement parts, time-saving order process thanks to numbering system.
- Product video on the product can be opened.

| Art.- No. |  |  |  |  |  |  |  |  |  |
|--------------------|---|---|---|--|---|---|---|---|---|
| | 4021176 | mm | mm | mm | mm | max. t | max. t | t | Volt |
| GOLIATH-200 | -102691 | 500 | 300 | 300 | 25 - 155 | 300 | 20 | 15 | 230 |
| GOLIATH-300 | -102738 | 900 | 520 | 520 | 30 - 250 | 420 | 30 | 25 | 20 |
| GOLIATH-500 | -102769 | 1200 | 700 | 520 | 75 - 330 | 420 | 50 | 35 | 30 |



Mobile hydraulic separator „GOLIATH“

HY

Mobile Kukko puller for heavy industry, railways, power plants, and other applications requiring the removal of large bearings, gear wheels, or similar parts.

GOLIATH-18








Description

- With a pulling force of up to 50 tonnes, it is ideal for really big pulling jobs.
- The central pressure spindle of the GOLIATH puller can be attached to the part to be pulled very easily and precisely by just one person thanks to the combination of hydraulic height adjustment and mechanical fine adjustment.
- The puller can be positioned easily and conveniently using the Y-shaped mobile support frame with four easy-rolling, lockable castors, which also ensures stable placement for all applications.
- The pulling force is applied by a cylinder ram equipped with a central pressure spindle, which is actuated by a two-stage, electrically-driven hydraulic pump with remote motor control.
- This avoids exposing users to the risk of injury from flying parts.

Advantage

- The model is equipped with a separator, but can also be combined with hydraulic systems.
- Modular system can be expanded with other extractor types.
- 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 |  mm |  mm | max. t |  Volt |
|--------------------|---|--|---|---|-----------|---|
| GOLIATH-218 | -102707 | 300 | 25 - 155 | 300 | 15 | 230 |
| GOLIATH-318 | -102745 | 520 | 30 - 250 | 420 | 20 | 230 |
| GOLIATH-518 | -102776 | 520 | 75 - 330 | 420 | 30 | 230 |

Mounting for hydraulic cylinder

HY

Y-00



| Art.-No. |  | für for |  |
|----------------|---|------------|--|
| Y200-00 | -507724 | YRH-202 | GOLIATH-300, GOLIATH-318, GOLIATH-356, GOLIATH-500, GOLIATH-518, GOLIATH-556, Y28-180, Y28-200, Y28-205, Y28-206, Y28-218, Y28-256 |
| Y300-00 | -507748 | YRH-302 | GOLIATH-200, GOLIATH-218, GOLIATH-256, GOLIATH-500, GOLIATH-518, GOLIATH-556, Y38-180, Y38-205, Y38-206, Y38-300, Y38-318, Y38-356 |
| Y500-00 | -507755 | YRH-603 | GOLIATH-200, GOLIATH-218, GOLIATH-256, GOLIATH-300, GOLIATH-318, GOLIATH-356, Y58-180, Y58-205, Y58-206, Y58-500, Y58-518, Y58-556 |

Protective tarps for extraction jobs

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 |

Hydraulic wheel-puller sets

HY

For removal of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.

Y-56



Description

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- 2- and 3-jaw pullers.

Advantage

- Arranged and space-efficient custody in the metal case.
- 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 | mm | max. t | max. t |
| Y28-256 | -036811 | 500 | 300 | 15 | 20 |
| Y38-356 | -037801 | 900 | 520 | 25 | 30 |
| Y58-556 | -038631 | 1200 | 700 | 45 | 50 |

Hydraulic push/pull device sets

HY

For separation and internal extraction of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.

Y-18



Description

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- Separator blade.
- Internal extractor.

Advantage

- Arranged and space-efficient custody in the metal case.
- 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 | mm | mm | mm | max. t | max. t | max. t |
| Y28-218 | -036651 | 470 | 25 - 155 | 30 - 180 | 300 | 15 | 15 | 10 |
| Y38-318 | -037641 | 520 | 30 - 250 | 75 - 230 | 420 | 25 | 20 | 20 |
| Y58-518 | -038891 | 660 | 75 - 330 | 75 - 230 | 540 | 35 | 30 | 25 |

Universal hydraulic gear and bearing puller set

HY

For removal, separation and internal extraction of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.

Y-00



Description

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- 2- and 3-jaw pullers.
- Separator blade.

Advantage

- Arranged and space-efficient custody in the metal case.
- 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 | mm | mm | mm | mm | max. t | max. t | max. t | max. t | max. t |
| Y28-200 | -870828 | 500 | 300 | 300 | 25 - 155 | 30 - 180 | 300 | 15 | 20 | 15 | 10 |
| Y38-300 | -870835 | 900 | 520 | 300 | 30 - 250 | 75 - 230 | 300 | 25 | 30 | 25 | 20 |
| Y58-500 | -870842 | 1200 | 700 | 400 | 75 - 330 | 75 - 230 | 540 | 45 | 50 | 35 | 25 |



Offshore and others

Offshore und sonstige

12

| | |
|--|-----|
| Chain splitting and riveting tool..... | 190 |
| Kettenlöser- und Verniet-Werkzeug-Satz | |
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| Schlag-Maulschlüssel | |
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| Schlag-Ringschlüssel | |
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| Gewindefeilen | |
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| Europäer | |

| |
|----|
| 01 |
| 02 |
| 03 |
| 04 |
| 05 |
| 06 |
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| 12 |





Chain splitting and riveting tool

ST

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. |  |  mm |  | Stück pieces |  |
|------------|---|---|---|--------------|---|
| KS-59-1/14 | -800207 | 3,28 - 5,72 | 59-1, 59-1-1, 59-1-2, 58-1 | 14 | i-Boxx |

Flange spreaders (Pair)

ST


For separating and fixing the flange joints of pipelines

160



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.

| Art.-No. |  |
|----------|---|
| 160-1 | -025273 |
| 160-2 | -025358 |

Universal spreader

ST



For quick, safe spreading of flanges and similar parts of all types and sizes.

165



Description

- A built-in reversible ratchet allows smooth operation of the spreader.

| Art.-No. |  |  mm | max. t |
|----------|--|---|-----------|
| 165-E | -491979 | 10 - 75 | 2 |

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.

| Art.-No. |  |  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 |




Slogging spanners (~DIN 7444)**ST**

For use in commercial vehicles, the pipe industry, tank cleaning, the petrochemical industry, steel construction, mining, etc.

406

**Description**

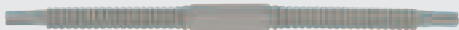
- Design according to DIN 7444
- Strong design, high performance and long service life.

| 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 |

Tool holder with ratchet**ST**

For reworking and cleaning damaged internal and external threads.




97

**Description**

- Each file has different pitches.

Advantage






- The application is simple and easy.

| Art.-No. |  4021176 |  mm |  inch | für for |
|----------|--|---|---|----------------------------|
| 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 |

Key-lifter for keys of slots**ST**

139



| Art.-No. |  4021176 |  mm |  mm |  mm |  mm |
|----------|--|---|---|---|---|
| 139-1 | -779176 | 122 - 144 | 0 - 35 | 110 | 4 |



Pin drive set

ST

To drive out pins and similar parts.

720








Description

- The set includes six pin drives with various diameters.
- chrome-plated surface
- Specially tempered extra chrome vanadium steel ensures a long service life and reduces „mushrooming.“

Advantage

- The curved shape of the handle ensures optimal grip and prevents slippage of the tool, also ensuring particularly safe work conditions.
- Organized storage in a practical metal case.

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

Europäer

ST

For clamping and pressing several workpieces.

1900





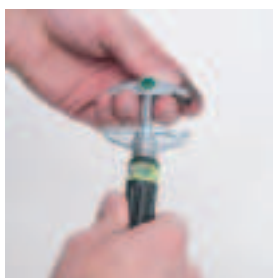
Description

- Adjustable, open-jawed wrench.
- Serrated gripping jaws on one side for attaching round or multi-angle objects.
- Soft plastic protective caps improve the grip in the case of metallic objects.
- Locked-Unlocked System.

Advantage

- No uncontrolled adjustment by arresting mechanism.
- Serrated gripping jaws for improved possibilities of use.
- Lockable flat on flat or flat on round.

| Art.-No. |  |  mm | Spannweite / width mm |
|----------------|--|---|--------------------------|
| 1900-30 | -000355 | 150 | 30 |
| 1900-50 | -000362 | 175 | 50 |
| 1900-75 | -000416 | 250 | 75 |





The world first from Hilden!

Europäer



Diamond mouth

Millimeter and inch scale

Plastic jaw

LOCKED UNLOCKED



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




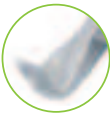
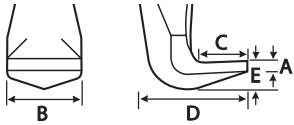
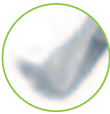
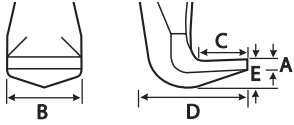

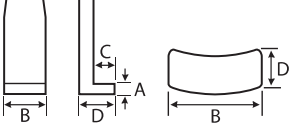
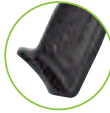
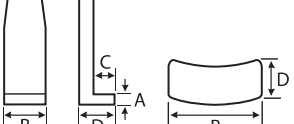
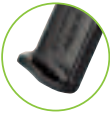
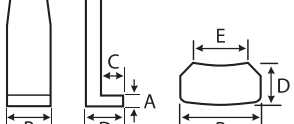

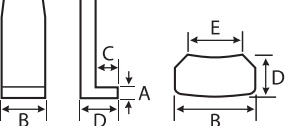
A world **in motion**
since 1919!



KUKKO
Kleinbongartz & Kaiser oHG



Pulling jaws for 2-jaw pullers, series 20

| Dimensions of the puller jaws | | | | | |  mm |
|--|---------|---------|---------|---------|---------|---|
| | A mm | B mm | C mm | D mm | E 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 |


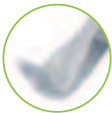
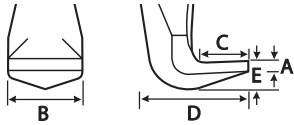
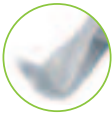
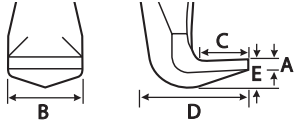

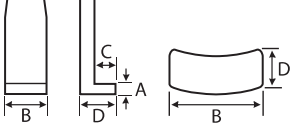
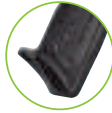
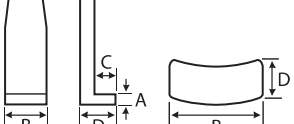
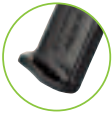
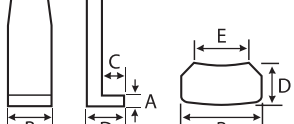

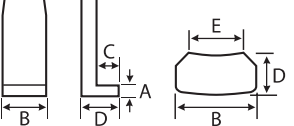


| | | Art.- No. | Quick adjust TECHNOLOGY | Art.- No. | suitable for KUKKO-pullers: |  mm |
|---|---|--------------|---|--------------|--------------------------------|---|
|  |  | 1-90-P |  | 1-92-P | 20-1; 20-10 | 90-120 |
| | | 2-150-P | | 2-152-P | 20-2; 20-20 | 160-200 |
| | | 3-200-P | | 3-202-P | 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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Pulling jaws for 3-jaw pullers, series 30

| Dimensions of the puller jaws | | | | | |  mm | |
|--|---------|---------|---------|---------|---------|---|--|
| | A mm | B mm | C mm | D mm | E 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 | |



| | | |  | | suitable for KUKKO-pullers: |  |
|---|---------|---|---|--------------------------|--------------------------------|---|
|  | 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 | |

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Pulling hooks

| Baureihe Series | Dimensions of the puller jaws | A mm | B mm | C mm | D mm | E mm |
|-------------------------|--|---------|---------|---------|---------|---------|
| 12-1 12-3 | Baureihe Serie 12-1 - 12-3 | 3,0 | 14 | 13 | 25 | 17 |
| | | 3,0 | 17 | 13 | 27 | 20 |
| | | 4,0 | 20 | 15 | 35 | 28 |
| 14 | Baureihe Serie 14 | 2,5 | 21 | 3,5 | 8,5 | - |
| | | 4,0 | 30 | 4 | 1-2 | - |
| | | 4,0 | 30 | 5 | 1-3 | - |
| | | 2,5 | 11 | 3,5 | 8,5 | - |
| | | 4,0 | 30 | 5 | 1-3 | - |
| 28 | Baureihe Serie 28 | 5,0 | 22 | 15 | 30 | 7 |
| | | 5,0 | 22 | 14 | 4,5 | - |
| | | 5,0 | 24 | 14 | 7,5 | - |
| | | 5,0 | 24 | 14 | 7,5 | - |
| 41 42 | Baureihe Serie 41 / 42 | 2,0 | 10 | 7 | 15 | 4 |
| | | 2,0 | 11 | 8 | 15 | 4 |
| | | 3,0 | 18 | 13 | 22 | 7,5 |
| | | 4,0 | 24 | 18 | 35 | 9 |
| | | 5,0 | 34 | 23 | 35 | 15 |
| 43 44 45 | Baureihe Serie 43 / 44 / 45 | 2,0 | 11 | 10 | 17 | 5 |
| | | 2,0 | 11 | 10 | 17 | 5 |
| | | 2,0 | 11 | 11 | 18,5 | 5 |
| | | 3,0 | 16 | 11 | 20 | 7 |
| | | 3,0 | 17 | 14 | 30 | 10 |
| | | 3,0 | 20 | 19 | 32 | 12 |
| | | 3,0 | 26 | 22 | 17 | 12 |
| | | 4,0 | 28 | 24 | 40 | 16 |
| | | 4,0 | 28 | 24 | 40 | 16 |
| | | 7 | 10 | 22 | 60 | 22 |
| 46 47 | Baureihe Serie 46 / 47 | 8 | 30 | 22 | 50 | 22 |
| | | 6 | 30 | 24 | 50 | 22 |
| 112 113 | Baureihe Serie 112 / 113 | 10° | 10 | 7 | 12 | 5 |
| | | 15° | 15 | 8 | 15 | 6 |
| | | 5° | 20 | 11 | 20 | 6,5 |
| | | 15° | 10 | 7 | 12 | 5 |
| | | 15° | 15 | 8 | 15 | 5,5 |



| | Art.- No. Paar / Pair | built in KUKKO-pullers: | Art.- No. Set | built in KUKKO-pullers: |
|--|-------------------------------------|------------------------------------|-----------------------------|------------------------------------|
| | - | - | 12-1-100-S | 12-1 |
| | - | - | 12-2-125-S | 12-2 |
| | - | - | 12-3-180-S | 12-3 |
| | 14-185-P | 14-1 | - | - |
| | 14-2-125-P | 14-2 | - | - |
| | 14-3-160-P | 14-3 | - | - |
| | 14-01-85-P | 14-01 | - | - |
| | 14-03-160-P | 14-03 | - | - |
| | 28-100-P | 28-1 | - | - |
| | 28-125-P | 28-2 | - | - |
| | 28-175-P | 28-3 | - | - |
| | 28-250-P | 28-4 | - | - |
| | 41-0-40-P | 41-0 | 42-0-40-S | 42-0 |
| | 41-1-65-P | 41-1; 41-2 | 42-1-65-S | 42-1; 42-2 |
| | 41-3-120-P | 41-3 | 42-3-120-S | 42-3 |
| | 41-4-160-P | 41-4 | 42-4-160-S | 42-4 |
| | 41-5-200-P | 41-5 | 42-5-200-S | 42-5 |
| | 43-1-50-P | 43-1 | 43-11-50-S | 43-11 |
| | 43-2-70-P | 43-2 | 43-12-70-S | 43-12 |
| | 43-3-80-P | 43-3 | 43-13-80-S | 43-13 |
| | 44-1-100-P | 44-1 | 45-1-100-S | 45-1 |
| | 44-2-120-P | 44-2 | 45-2-120-S | 45-2 |
| | 44-3-160-P | 44-3 | 45-3-160-S | 45-3 |
| | 44-4-200-P | 44-4 | 45-4-200-S | 45-4 |
| | 44-5-250-P | 44-5 | 45-5-250-S | 45-5 |
| | 44-6-275-P | 44-6 | 45-6-275-S | 46-6 |
| | - | - | 45-7-350-S | 45-7 |
| | 46-300 | 46-1-B; 46-2-B; 47-1-B; 47-2-B | - | - |
| | 46-450 | 46-2; 47-2 | - | - |
| | 112-1-45-P | 112-1 | - | 112-10 |
| | 112-2-70-P | 112-2 | - | - |
| | 112-3-165-P | 112-3 | 113-3-165-S | 113-3 |
| | 112-10-70-P | 112-10 | - | - |
| | 112-20-100-P | 112-20 | 113-20-100-S | 113-20 |

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Pulling hooks

| Baureihe Series | Dimensions of the puller jaws | A mm | B mm | C mm | D mm | E mm | A2 mm | B2 mm | C2 mm | E2 mm |
|---|---|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 201 202 203 208 209 | Baureihe Serie 201 / 202 / 203 / 208-0 | 3,0 | 11 | 8 | - | 6,5 | 3,0 | 11 | 8 | 6,5 |
| | | 3,0 | 15 | 8 | - | 8 | 3,0 | 11 | 7 | 6,5 |
| | | 4,0 | 26 | 18 | - | 7 | 3,0 | 20 | 17 | 9 |
| | | 4,0 | 26 | 20 | - | 13 | 4,0 | 26 | 20 | 13 |
| | | 4,5 | 26 | 20 | - | 15 | 4,0 | 26 | 20 | 15 |
| | | 5,0 | 10 | 8 | - | 5,5 | 4,0 | 10 | 6 | 5,5 |
| | | 7,5 | 6 | 4 | - | 6 | 9,0 | 8,5 | 4,0 | 8 |
| 208 209 | Baureihe Serie 208 / 209 | 3,5 | 16 | 13 | - | 10 | - | - | - | - |
| | | 4,5 | 20 | 20 | - | 13 | - | - | - | - |
| | | 5,0 | 30 | 23 | 20 | - | - | - | - | - |
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| | Spannweite spread | | Adapter Innenvierkant inner square drive (adapter) | | Durchmesser des Sicherungs-Innenringes diameter of circlip (inner ring) |
| | Spanntiefe depth | | Gewinde thread | | Schlaghülsendurchmesser 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 Zwinde spread of clamp | | Durchmesser der Insert-Hülse diameter of insert sleeve |
| | Antrieb Außenvierkant square drive (male) | | Muttergröße 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 | | Stehbolzendurchmesser 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 (Zugbolzen-seite) 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 abzuziehendes 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 Series 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.



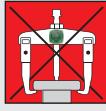
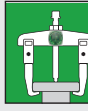
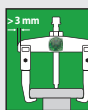
Nehmen Sie keinerlei Veränderung an den Produkten vor.

Never alter a pulling tool or related product in any way.



Da Stahl unter Wärmeeinfluß seine Festigkeitseigenschaften verändert, dürfen Abziehwerkzeuge bei evtl. Anwärmen abzuziehender 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 abzuziehende 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.



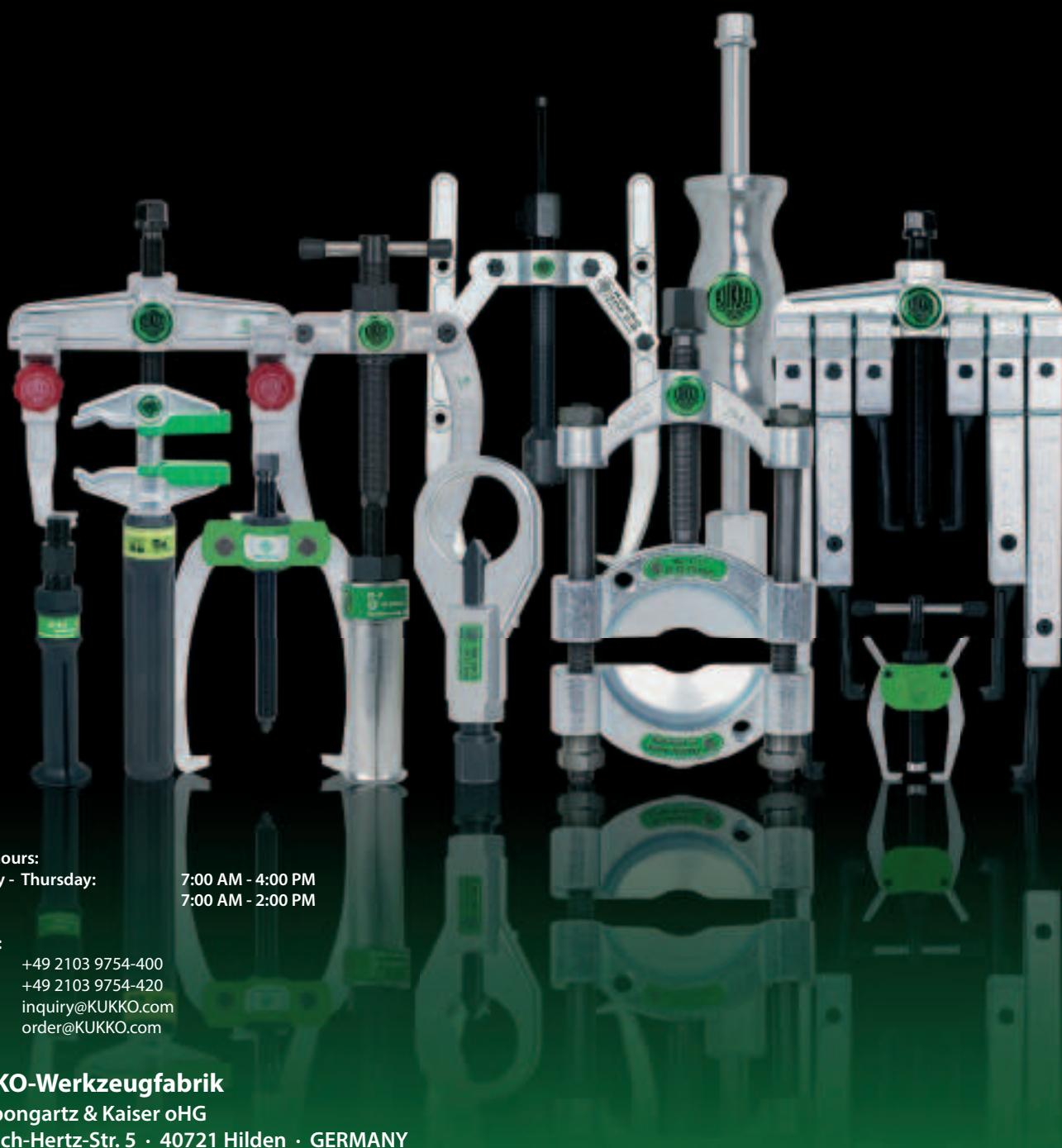
Einzigartiges, leichtes Zurückdrehen des Mutternsprenger-Meißels aus verformten oder gesprengten Muttern. Der Meißel bleibt nicht in der Mutter hängen.

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 Hydraulikfunktion. Tools with hydraulic function.





Office hours:

Monday - Thursday:

7:00 AM - 4:00 PM

Friday:

7:00 AM - 2:00 PM

Inquiry:

Phone: +49 2103 9754-400

Fax: +49 2103 9754-420

Mail: inquiry@KUKKO.com

Order: order@KUKKO.com

KUKKO-Werkzeugfabrik

Kleinbongartz & Kaiser oHG

Heinrich-Hertz-Str. 5 · 40721 Hilden · GERMANY

Phone: +49 2103 9754-300

Fax: +49 2103 9754-310

Mail: info@KUKKO.com

Web: www.KUKKO.com

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