



KUKKO

Tool factory

A world **in motion**
since 1919!

PACKAGING

Series 20 and 30



QR CODE WITH ADDITIONAL PRODUCT INFORMATION AND PRODUCT VIDEOS

SPINDLE HEAD WITH SLIP PROTECTION

SAFTY-FIRST-LABEL

ONLY ORIGINAL WITH SAFETY LABEL

CROSS-BEAM

ALL COMPONENTS LABELED WITH ITEM NUMBERS

SPINDLE PROTECTION

PULLING JAWS

GLIDE & FIX TECHNOLOGY

SPINDLE

SELF-HEALING CORROSION PROTECTION KUKKOATING FOR GALVANIZED PARTS (WITHOUT CHROM VI).

CLAWS

2-SIDED SPINDLE TIP WITH SWITCH TECHNOLOGY



SPECIAL GREASE FOR PRESSURE SPINDLES

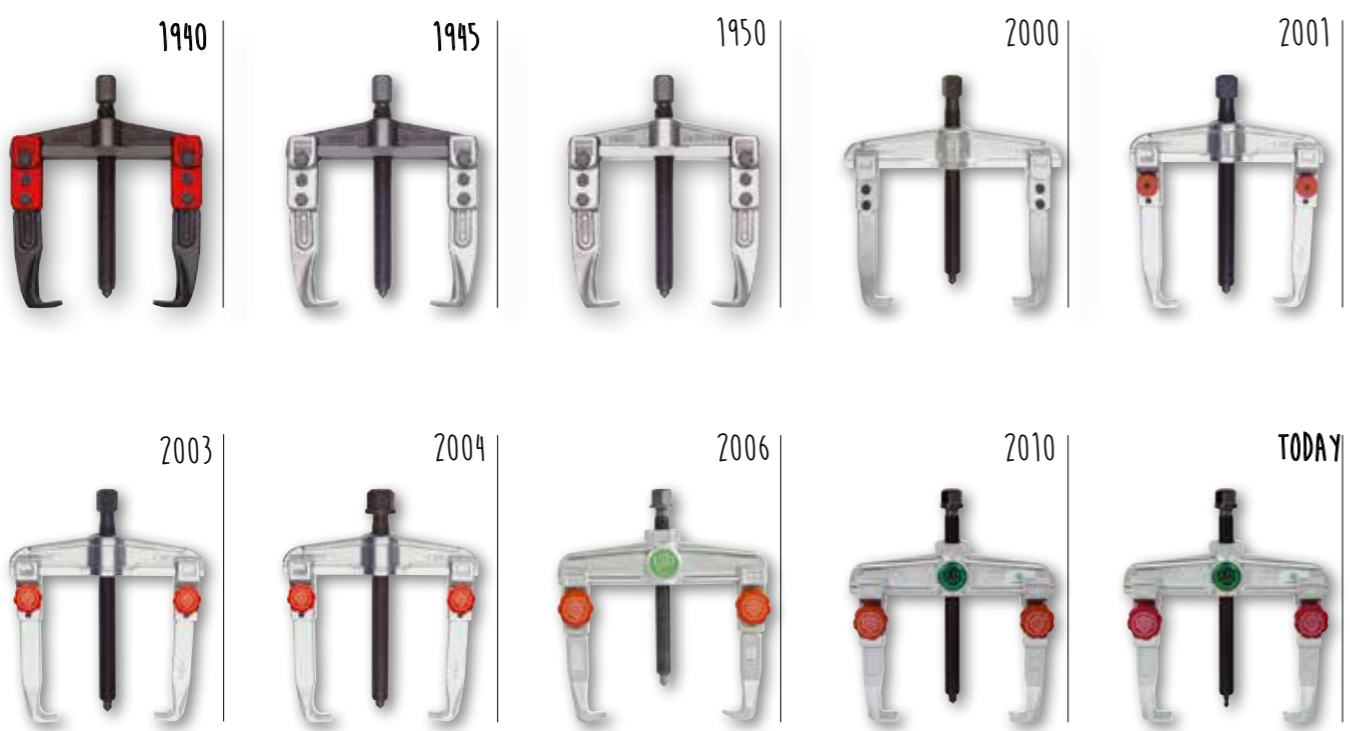




1

The evolution of the 20 product series

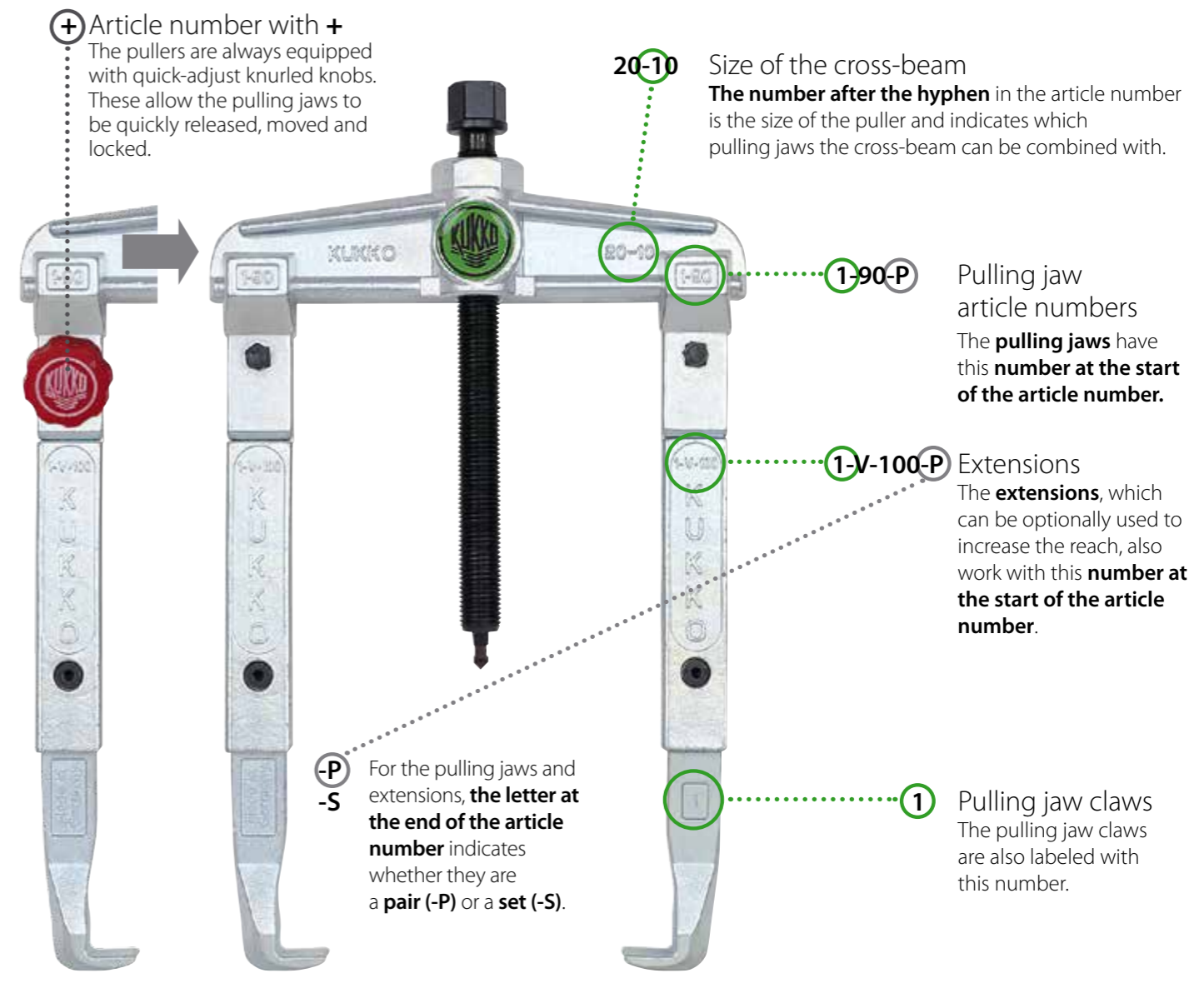
CONTINUOUS DEVELOPMENT FOR THE PAST 80 YEARS!



2

Self-explanatory article numbers for series 20 + 30

- Serie 20** - 2-jaw universal puller with sliding, parallel jaws
 - ALL article numbers start with 20-
- Serie 30** - 3-jaw universal puller with sliding, parallel jaws
 - ALL article numbers start with 30-



KUKKO pullers are only the „real thing“...

- ... if they have the green KUKKO label
- ... if they have the article number on cross-beam pulling jaws spindle

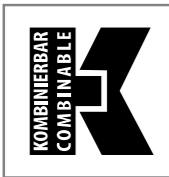


- ... if they have the Safety-First-Label
- ... if they have the security label
- ... if they have added the special grease

20-10-2 consists of: 20-10 and 1-90-P and 1-V-100-P



3 Product advantages of series 20 and 30



Modular system of the 20 + 30 series: Universally combinable and adaptable, depending on the extraction situation.



Spindle head band prevents the wrench from slipping off.



SWITCHOLIMS TECHNOLOGY
Optimal adjustment of the spindle to the shaft with 2-sided spindle tip (ball and tip).



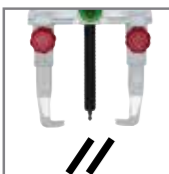
ARMLOCK TECHNOLOGY
The new cross-jaws guarantee maximum stability for the mounted sliding parts and jaws.



Glide&FIX TECHNOLOGY
The geometry of the cross-beam and sliding parts has been optimized to ensure particularly easy movement of the extractor jaws along the cross-beam



QUICK adjust TECHNOLOGY
A manual adjustment knurl allows rapid loosening and adjusting of the extractor jaws on the cross-beam without using a wrench.



Parallel pulling hooks in every position, even with full load.



The cross-bar of the 2-arm puller has a hexagonal profile, allowing use of a wrench for counterholding, when needed.



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



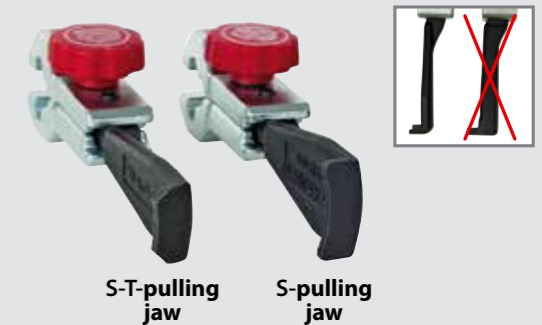
4 Puller jaw design series 20 and 30

- The puller jaws are cross-shaped for a perfect fit in the slider openings.
- This design causes the high pulling forces to be transferred to the cross-member over the sliders instead of over the screws.
- Another benefit is that only one retainer screw is needed, and it is only used for fixation.
- Easier arm swapping.

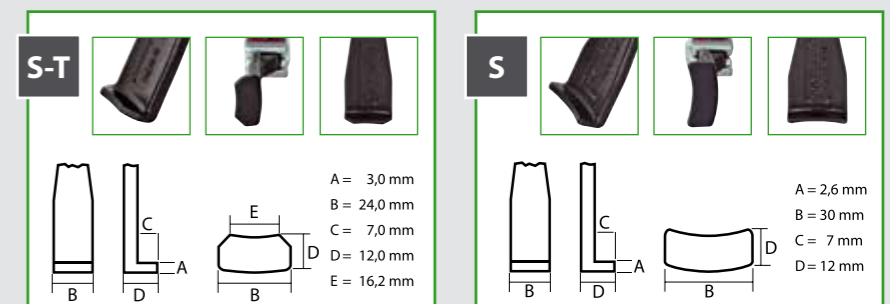


Perfectly slim!

- Even narrower, but with broader contact surfaces
- Even stronger
- Spare part number and KUKKO marked on puller jaws
- Sliders fit exactly around the bases of the puller jaws




KUKKO now has two types of narrow puller jaws for even more application situations: **S-type puller jaws** and **tapered trapezoidal S-T puller jaws**. S-T puller jaws can be used in situations where there is not enough room for S-type puller jaws, such as recesses in cast housings.



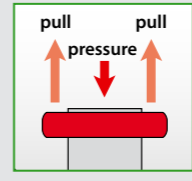


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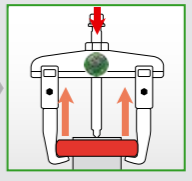
Overview of combination options for the 20 and 30 series



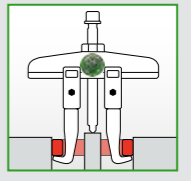
The part to be removed is on a shaft and is freely accessible from the outside!



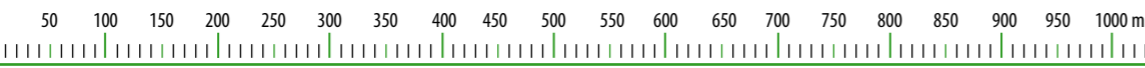












STANDARD



INTERNAL PULLING

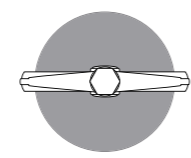


The external pullers can also be used as internal extractors by turning the jaws.
Important: When used as internal extractors, a fixed center point is required to brace the pressure screw of the products in these series.

Art.-No.			mm	+		S	+S	S-T	+S-T				
													
	20-1	90	100-400	✓	✓	✓	✓	✓	✓	✓	✓	-	-
	20-10	120	100-400	✓	✓	✓	✓	✓	✓	✓	✓	-	-
	20-2	160	150-300	✓	✓	✓	✓	-	-	✓	-	✓	✓
	20-20	200	150-300	✓	✓	✓	✓	-	-	✓	-	✓	✓
	20-3	250	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	20-30	350	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	20-4	520	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	20-40	650	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	20-5	750	400-700	-	-	-	-	-	-	-	✓	✓	✓
	30-1	90	100-200	✓	✓	✓	✓	✓	✓	✓	-	✓	-
	30-10	130	100-200	✓	✓	✓	✓	✓	✓	✓	-	✓	-
	30-2	160	150-300	✓	✓	✓	✓	-	-	✓	-	✓	✓
	30-20	200	150-300	✓	✓	✓	✓	-	-	✓	-	✓	✓
	30-3	250	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	30-30	350	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	30-4	375	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	30-40	520	200-500	✓	✓	✓	✓	-	-	-	✓	✓	✓
	30-5	650	300-500	-	-	-	-	-	-	-	✓	✓	✓



Modular system serie 20



jaws +jaws standard jaws



S-jaws +S-jaws narrow jaws



S-T-jaws +S-T-jaws extremely narrow jaws



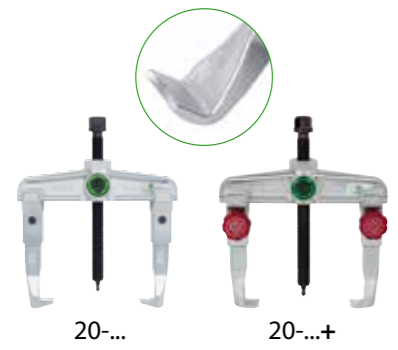
jaws +jaws standard jaws



S-jaws +S-jaws narrow jaws



S-T-jaws +S-T-jaws extremely narrow jaws



20-... 20-...+



20-...-S 20-...+S



20-...-S-T 20-...+S-T



30-... 30-...+

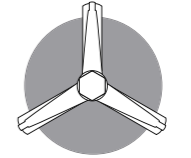


30-...-S 30-...+S



30-...-S-T 30-...+S-T

Modular system serie 30



Hydraulic spindle easy and even pulling for particularly tight parts.*



* The hydraulic spindle can only be used with standard pulling jaws size 2 and larger.

Accessories:
Modular extension of the pulling jaws to increase the reach
For the 20 and 30 series, KUKKO offers modular extensions (compatible with sizes 1 to 20).
The extensions can be combined together and adapted to the necessary reach.



Pulling jaw conversion: From STANDARD to narrow pulling jaws



Pulling jaw conversion: Extensions





7

KUKKO product world – we have the solution for every extraction problem!





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Tool factory

A world **in motion**
since 1919!

KUKKO Tool factory

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