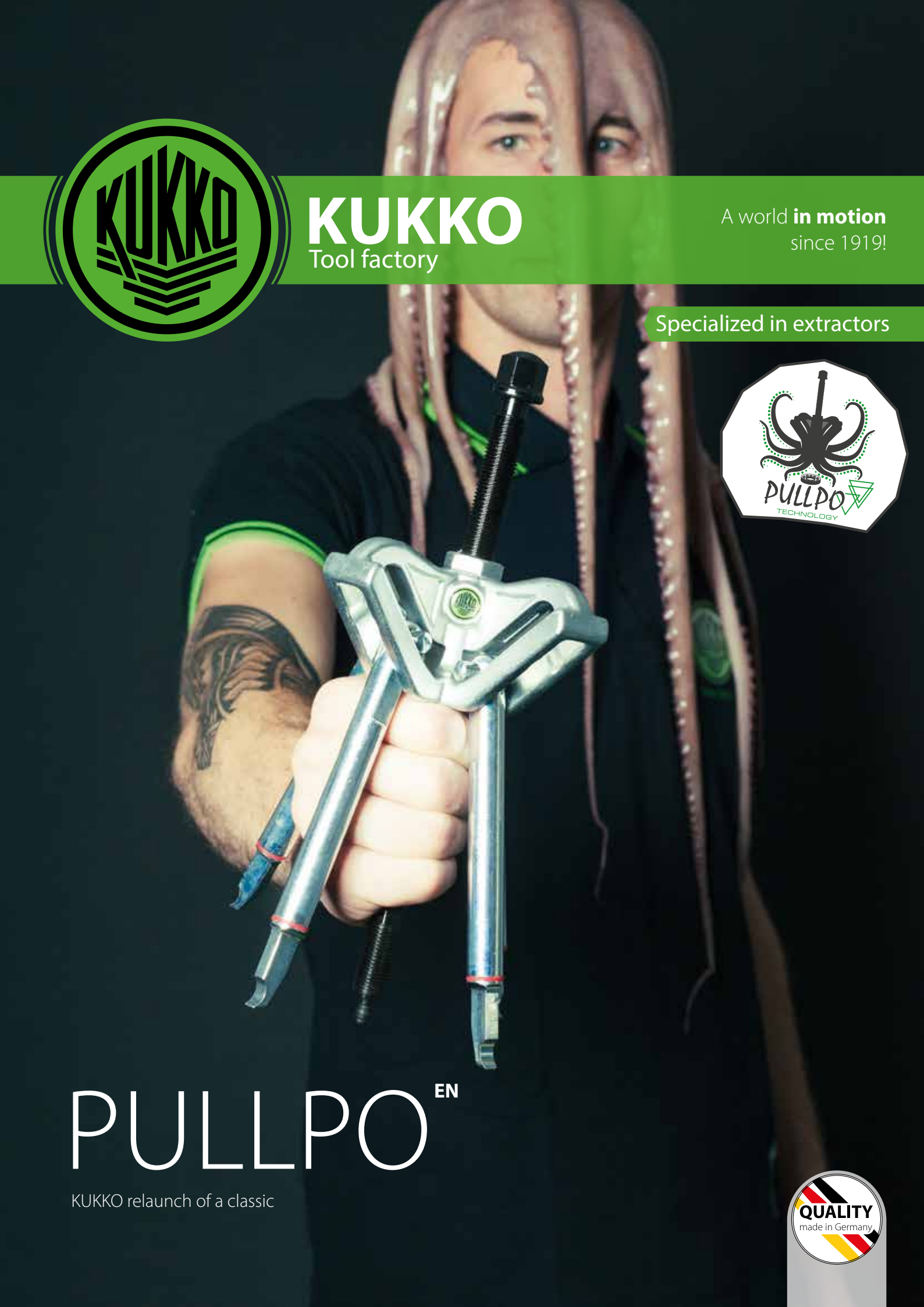


KUKKO
Tool factory

A world **in motion**
since 1919!

Specialized in extractors

PULLPO TECHNOLOGY

PULLPO EN

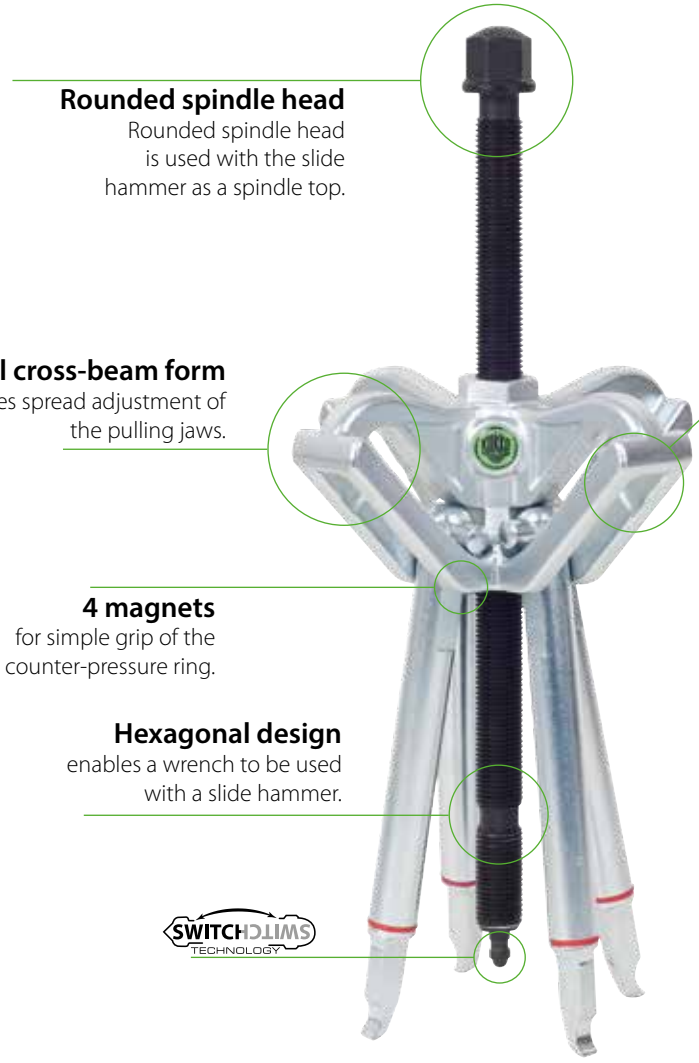
KUKKO relaunch of a classic

QUALITY
made in Germany

NEWCOMER

Ball bearing puller „PULLPO“

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



Rounded spindle head
Rounded spindle head is used with the slide hammer as a spindle top.

Jaw suspension
enables quick retooling to the other jaw size.

Special cross-beam form
ensures spread adjustment of the pulling jaws.

Color coding
Quick, secure selection of the pulling jaws through color coding.

4 magnets
for simple grip of the counter-pressure ring.

Hexagonal design
enables a wrench to be used with a slide hammer.

Counter-pressure pad
for extraction of ball bearing with hollow shaft.

Support ring
Ball bearing extraction without contact to the casing.

Description:

- Pulling jaws specifically developed for precise mounting in bearing tracks for optimal support and better extension force.
- Pulling jaws made of two parts. Dowel pin is hammered into the upper end of the jaw.
- The proven KUKKO claw in a newly developed, modern jaw design.
- The two pulling jaw versions are color-coded for easier distinction.
- The pulling jaws are tempered for a long service life.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Optimal adjustment of the spindle to the shaft with 2-sided spindle tip (ball and tip).
- Instructions and conversion table in the cover.
- Secure storage in special foam.

Advantage:

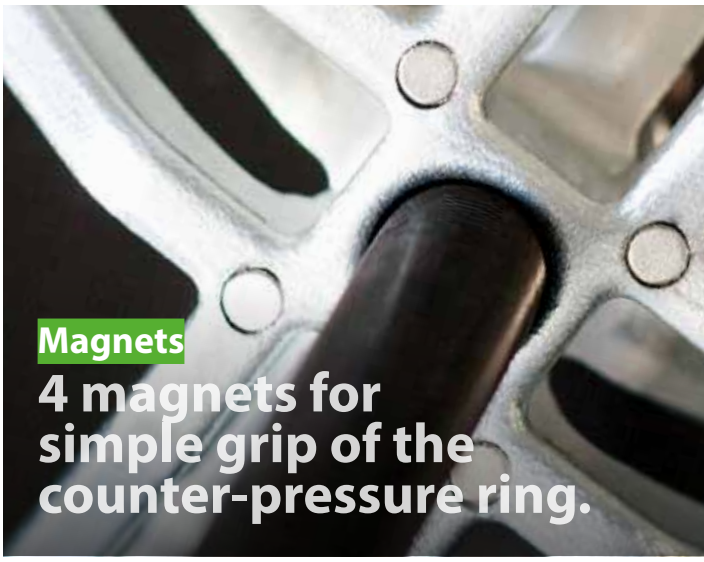
- Puller is self-tensioning and easy to handle.
- Simple, self-explanatory use with a small number of individual components.
- Magnets under the cross-beam ensure simple mounting of the support rings on the ball bearing.
- Simple mounting of the pulling jaws with 90° rotation in the cross-beam.
- The special cross-beam design ensures secure retention of the the part to be removed by the pulling jaws thanks to the spread adjuster.
- Only two pulling jaw types required.
- Machined, lateral jaw surfaces ensure optimal jaw alignment with the cross-beam.
- Spindle head band prevents the wrench from slipping off.
- Secure, form-fitting connection of the pulling jaws with the cross-beam.

Adjusting

Mount the jaws by turning them 90°

Rounded spindle head

Rounded spindle head is used with the slide hammer as a spindle top.



Magnets

4 magnets for simple grip of the counter-pressure ring.

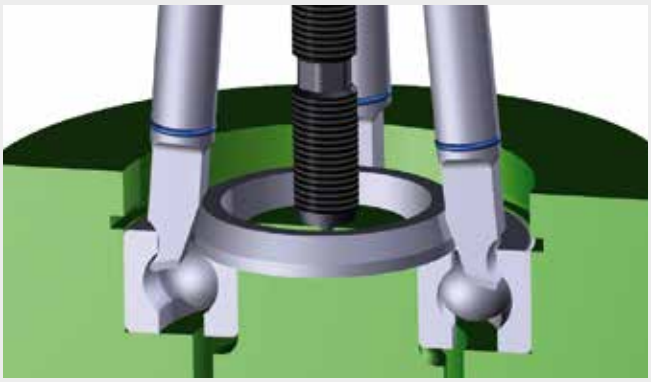
Support ring

Ball bearing extraction without contact to the casing.

Applicable for bearing numbers

6007-6020; 6206-6212; 6305-6311; 6403-6408;

Type of bearing	Shaft diameter (mm)
6007-6020	35-100
6206-6212	30-60
6305-6311	25-55
6403-6408	17-40



How it works

First screw the spindle into the cross-beam. Depending on the application: head upward (use with key), head downward as a spindle tip (use with slide hammer). Then insert the jaws into the notches for this purpose and turn them 90°. Place the appropriate support ring on the ball bearing to be removed. Now place the jaws on the puller in the ball bearing. Turn the spindle until the pulling jaws are tightened. The ball bearing can now be removed.

NEWCOMER

How it works with wrench

Normal use with spindle tip, support ring, wrench and without counter-pressure pad.

K-70-A

Three jaws cross beam 70-01-T
Spindle 610120
3 narrow jaws (red) 70-011-S
3 wide jaws (blue) 70-012-S
3 Counter-pressure pads 700117
7 Support rings 70-01-R
KUKKO special grease KSF-69
Chip for registry
i-Boxx

3- jaw

K-70-B

Four jaws cross beam 70-02-T
Spindle 614242
4 narrow jaws (red) 70-021-S
4 wide jaws (blue) 70-022-S
3 Counter-pressure pads 700217
7 Support rings 70-02-R
KUKKO special grease KSF-69
Chip for registry
i-Boxx

4- jaw

K-70-C

- Three jaws cross beam 70-01-T
- Four jaws cross beam 70-02-T
- Spindle 610120
- Spindle 614242
- 3 narrow jaws (red) 70-011-S
- 3 wide jaws (blue) 70-012-S
- 4 narrow jaws (red) 70-021-S
- 4 wide jaws (blue) 70-022-S
- 3 Counter-pressure pads 700117
- 3 Counter-pressure pads 700217
- 7 Support rings 70-01-R
- 6 Support rings 70-02-R
- KUKKO special grease KSF-69
- Chip for registry
- L-Boxx

3- jaw

4- jaw

„PULLPO“ ball bearing puller sets — ST

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

K-70

K-70-C

Description

- Pulling jaws specifically developed for precise mounting in bearing tracks for optimal support and better extension force.
- Pulling jaws made of two parts. Dowel pin is hammered into the upper end of the jaw.
- The proven KUKKO claw in a newly developed, modern jaw design.
- The two pulling jaw versions are color-coded for easier distinction.
- The pulling jaws are tempered for a long service life.
- Mechanical pressure screw.
- Milled thread treated with special coating.
- Optimal adjustment of the spindle to the shaft with 2-sided spindle tip (ball and tip).
- Instructions and conversion table in the cover.
- Secure storage in special foam.

Advantage

- Puller is self-tensioning and easy to handle.
- Simple, self-explanatory use with a small number of individual components.
- Magnets under the cross-beam ensure simple mounting of the support rings on the ball bearing.
- Simple mounting of the pulling jaws with 90° rotation in the cross-beam.
- The special cross-beam design ensures secure retention of the the part to be removed by the pulling jaws thanks to the spread adjuster.
- Only two pulling jaw types required.
- Machined, lateral jaw surfaces ensure optimal jaw alignment with the cross-beam.
- Spindle head band prevents the wrench from slipping off.
- Secure, form-fitting connection of the pulling jaws with the cross-beam.

NEWCOMER

Art.-No.	4021176	mm	inch	ISO	x Stück	X Stück	x	mm	inch	Stück pieces	
K-70-A	-058851	10 - 30	3/8 - 1 3/16	6000-6006; 6200-6205; 6300-6304	7	3	6	70	2 3/4	18	i-Boxx
K-70-B	-058868	17 - 100	5/8 - 3 7/8	6007-6020; 6206-6212; 6305-6311; 6403-6408	7	4	8	156	6 3/16	21	i-Boxx
K-70-C	-019999	10 - 100	3/8 - 3 7/8	6000-6020; 6200-6212; 6300-6311; 6403-6408	13	7	14	70; 156	2 3/4; 6 3/16	38	L-Boxx

NEWCOMER

„PULLPO“ ball bearing puller — ST

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

70-0

70-01

70-02

Description

- Special cross-beam design ensures spread adjustment of the pulling jaws.
- Mechanical pressure screw.
- Milled thread treated with special coating.

Advantage

- The special cross-beam design ensures secure retention of the the part to be removed by the pulling jaws thanks to the spread adjuster.
- 4 magnets for simple grip of the counter-pressure ring.
- Secure, form-fitting connection of the pulling jaws with the cross-beam.
- Spindle head band prevents the wrench from slipping off.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.

KUKKO quality standards

- Quality made in Germany.
- Strong design, high performance, and long service life.
- Self-healing corrosion protection KUKKoating for galvanized parts (WIZHOUT chrom IV)
- Safety label to ensure protection of intellectual property.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.	4021176		Stück pieces
70-01	-908972	70-011, 70-012	2
70-02	-909580	70-021, 70-022	2

Pulling hook sets — ST

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

70-0

70-011-S

70-012-S

Description

- Pulling jaws specifically developed for precise mounting in bearing tracks for optimal support and better extension force.
- Pulling jaws made of two parts. Dowel pin is hammered into the upper end of the jaw.
- The proven KUKKO claw in a newly developed, modern jaw design.
- The two pulling jaw versions are color-coded for easier distinction.
- The pulling jaws are tempered for a long service life.

Advantage

- Simple mounting of the pulling jaws with 90° rotation in the cross-beam.
- Only two pulling jaw types required.
- Machined, lateral jaw surfaces ensure optimal jaw alignment with the cross-beam.
- Secure, form-fitting connection of the pulling jaws with the cross-beam.

KUKKO quality standards

- Quality made in Germany.
- Strong design, high performance, and long service life.
- Self-healing corrosion protection KUKKoating for galvanized parts (WIZHOUT chrom IV)
- Safety label to ensure protection of intellectual property.
- A tube of KUKKO special grease included for pressure spindle.
- Product video on the product can be opened.

Art.-No.	4021176		ISO	J_x	J_1 mm	X Stück
70-011-S	-909184		6000-6004; 6200-6202; 6301	3	70	3
70-012-S	-909368		6005-6006; 6203-6205; 6300; 6302-6304	3	70	6
70-021-S	-909597		6007-6013; 6206; 6210; 6211; 6306; 6307	4	156	5
70-022-S	-909603		6014-6020; 6207-6209; 6212; 6305; 6308-6311; 6403-6408	4	156	7

70-021-S

70-022-S

K-70-A
Zuordnungstabelle

Der K-70-A eignet sich mit folgenden Lagern und Größen:

	Traverse und Spindel/ Cross-beam and spindle			
	Art.No.	70-011 / 70-012	70-01-R	700117
6000	70-01	Schmal / small	-	S
6001				
6002				
6003			DD	M
6004			EE	
6005		Breit / wide	GG	L
6006			-	S
6200		Schmal / small		
6201			BB	
6202			CC	M
6203		Breit / wide	DD	L
6204			FF	M
6205			AA	S
6300		Schmal / small		
6301			CC	M
6302		Breit / wide	DD	L
6303			FF	M
6304				

* **Gegendruckstücke für den Einsatz mit Gleithammer Art. No. 22-0-1 (Gleithammer nicht im Satz enthalten)/**
Counter-pressure pad for slide hammer application Art.No. 22-0-1, slide hammer is not included

K-70-B
Zuordnungstabelle

Der K-70-B eignet sich mit folgenden Lagern und Größen:

	Traverse und Spindel/ Cross-beam and spindle			
	Art.No.		70-02-R	700217
6403	70-02	Breit/ wide	GG	S
6404			B	
6305			GG	
6405			B	
6206		Schmal/ small	GG	
6306			B	
6406		Breit/ wide	D	M
6007		Schmal/ small	-	S
6207		Breit / wide	B	
6307		Schmal/ small	C	M
6407		Breit/ wide	E	L
6008		Schmal/ small	-	M
6208		Breit/ wide	C	
6308			D	
6408			F	L
6009		Schmal/ small	-	M
6209		Breit/ wide	D	
6309			E	L
6010		Schmal/ small	-	
6210			E	
6310		Breit/ wide	F	
6011		Schmal/ small	-	
6211			F	
6311		Breit/ wide	G	XL
6012		Schmal/ small	-	L
6212		Breit/ wide	G	XL
6013		Schmal/ small	-	
6014		Breit/ wide		Lager zu groß/ bearing too large
6015				
6016				
6017				
6018				
6019				
6020				

* **Gegendruckstücke für den Einsatz mit Gleithammer Art. No. 22-0-1 und Adapter GA1415-12 Gleithammer und Adapter nicht im Satz enthalten)/** Counter-pressure pad for slide hammer applicatication Art.No. 22-0-1 and adapter GA1415-12, slide hammer and adapter are not included.

K-70-C
Assignment table

K-70-C can be used with these ball bearings and sizes:

	Traverse und Spindel Cross-beam and spindle				
	Art.No.	70-011 (3 Stk.|pc.) / 70-012 (3 Stk.|pc.) / 70-021 (4 Stk.|pc.) / 70-022 (4 Stk.|pc.)	70-01-R AA - GG	70-02-R B - G	700117 S|M|L	700217 S|M|L|XL
6000	70-01	Schmal	small	-		S	
6001							
6002							
6003				DD		M	
6004		Breit	wide	EE			
6005				GG		L	
6006		Schmal	small	-		S	
6200							
6201				BB			
6202		Breit	wide	CC		M	
6203				DD		L	
6204				FF		M	
6205				AA		S	
6300		Schmal	small				
6301		Breit	wide	CC		M	
6302				DD		L	
6303				FF		M	
6304							
6403	70-02	Breit	wide	GG		S	
6404				B			
6305				GG			
6405				B			
6206		Schmal	small	GG			
6306				B			
6406		Breit	wide	D		M	
6007		Schma	small	-		S	
6207		Breit	wide	B			
6307		Schmal	small	C		M	
6407		Breit	wide	E		L	
6008		Schmal	small	-		M	
6208				C			
6308		Breit	wide	D			
6408				F		L	
6009		Schmal	small	-		M	
6209				D			
6309		Breit	wide	E		L	
6010				-			
6210		Schmal	small	E			
6310		Breit	wide	F			
6011		Schmal	small	-			
6211				F			
6311		Breit	wide	G		XL	
6012		Schmal	small	-		L	
6212		Breit	wide	G		XL	
6013		Schmal	small				
6014				–		Lager zu groß bearing too large	
6015							
6016							
6017		Breit	wide				
6018							
6019							
6020							

* **Gegendruckstücke für den Einsatz mit Gleithammer Art. No. 22-0-1 und Adapter GA1415-12 (Gleithammer und Adapter nicht im Satz enthalten)**
Counter-pressure pad for slide hammer application Art.No. 22-0-1 and adapter GA1415-12, slide hammer and adapter are not included.

NEWCOMER

FL-PULLPO-EN-0819

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