

Sets of slide hammers in case

KS-22-01  
KS-22-02



223-K  
223-G



K-22-A  
K-22-B



K-22-A-E  
K-22-B-E  
K-22-C-E



K-26-A  
K-26-B



27-A



28-A  
28-B



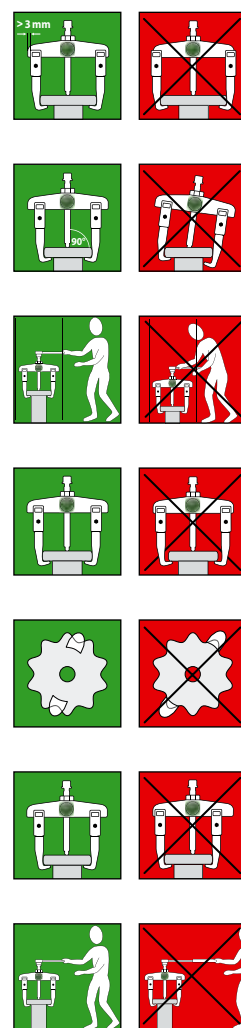
28-C  
28-D



Precautionary Notes and Helpful Hints

All tools must always be used for the intended purposes under the envisioned conditions and within their postulated limitations.

-  Check the condition of your tools at regular intervals, and replace any damaged or worn parts.
-  Keep the threads of all spindles, heads, etc. clean and well oiled.
-  Before you start work, acquaint yourself with the proper use of the tool or tools in question, with due attention to pertinent safety measures.
-  If anything at all is unclear about any of the above, it is best to call the factory for some firsthand advice.
- O.K.** Prior to starting work, make sure that the pulling tool is in good working order.
-  Double-check the tool for correct mounting, and monitor the forces incidental to the pulling process.
-  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.
-  Always wear suitable personal protective equipment, including protective goggles.
-  Always wrap the pulling tool and the workpiece in a protective blanket as a precaution against the potential effects of sudden release.
-  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.
-  Never use an electric- or pneumatic-powered impact/hammer drill for driving a pulling tool.
-  Never use extensions to increase the applied torque.
-  Never alter a pulling tool or related product in any way.
-  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.



EN



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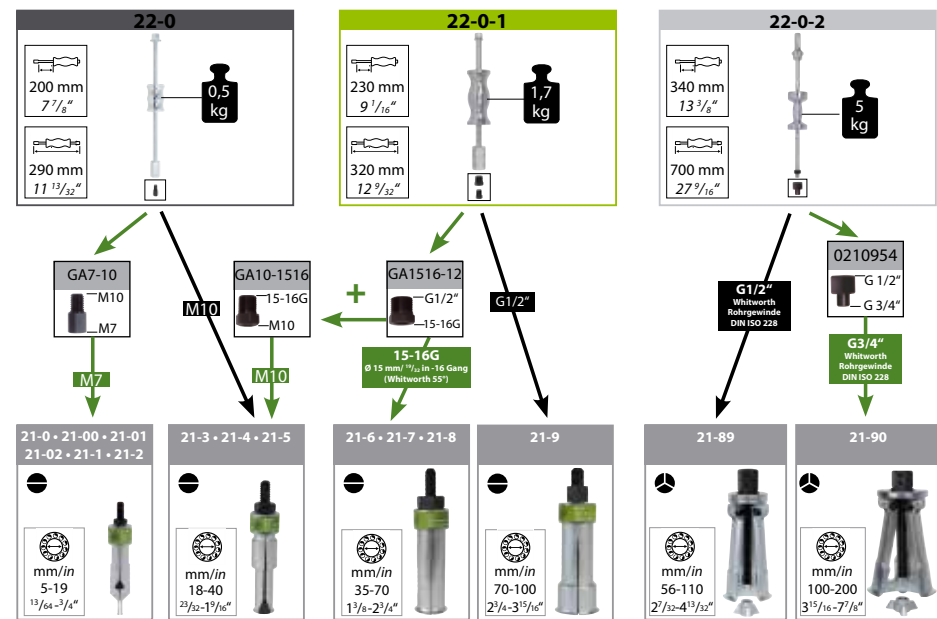
Slide hammers

Instruction manual

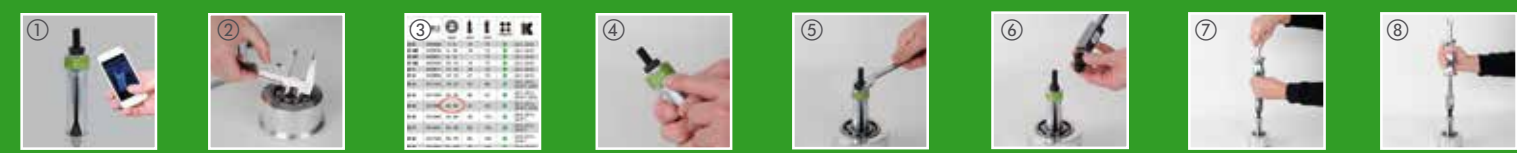




Slide hammers + internal extractor, serie 21



- Description:
- Contactless and careful pulling of internal bearings, etc.
- Space-saving with strong shock effect.
- No supporting surface required.



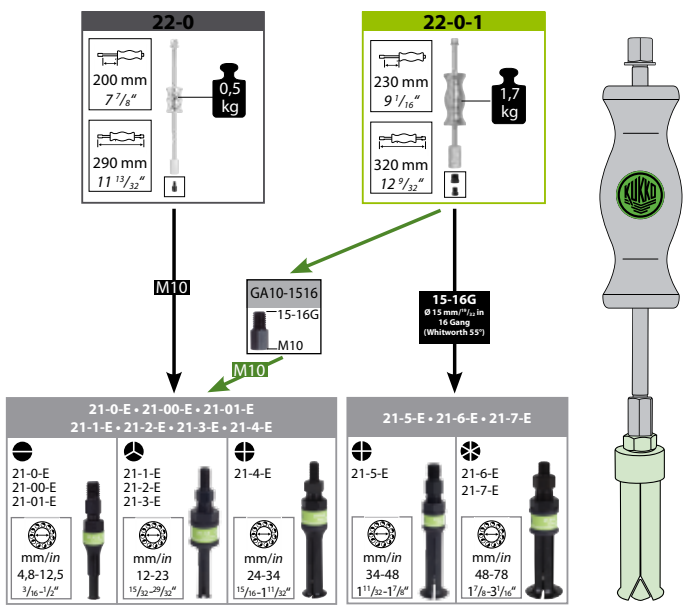
How it works:

- For removal, the threaded rod on the slide hammer is screwed onto the key spindle on the internal extractor ⑦ or threaded insert ⑥ using the adapter.
- The part is extracted by using the slide hammer to exert powerful force until the component has been loosened from its position ⑧.

Art.-No.	mm	kg				AG	AD	GS		
22-0	012143	290	0,5	M12	M12 - M10	AG: M10 - IG: M7	-	-	22-0	21-0*1 - 21-2*1; 21-0-E** - 21-4-E** 21-3** - 21-5**
22-0-1	555558	320	1,7	M16 x 1,5	M16x1,5 - G1/2"	AG: G1/2" - IG: 15-16G AG: 15-16G - IG: M10	-	-	22-0-1	21-3*2 - 21-5*2; 21-6*1 - 21-8*1; 21-9** 21-0-E*2 - 21-4-E*2; 21-5-E*1 - 21-7-E*1
22-0-2	111204	700	5,0	G1/2"	-	IG: G3/4" - AG: G1/2"	-	-	22-0-2	21-89*1 21-90**
KS-22-01	924569	290	0,9	M12	M12 - M7; M12 - M10 M12 - 15-16G	IG: M12 AG: M3, M4, M5, M6, M8, M10	-	-	KS-22-01-GH; GA12-3; GA12-4; GA12-5; GA12-6; GA12-8; GA12-10; VM12-7; VM12-10; VM12-1516	21-0 - 21-8; 21-0-E - 21-7-E
KS-22-02	951121	290	0,9	M12	M12 - M7; M12 - M10 M12 - 15-16G	IG: M12 AG: M6, M8x1, M10, M10x1, M12x1, M15x1,5	-	-	KS-22-01-GH; GA12-6; GA12-81; GA12-10; GA12-101; GA12-121; GA12-1515; VM12-7; VM12-10; VM12-1516	21-0 - 21-8; 21-0-E - 21-7-E
223-K	784859	290	0,9	M12	M12 - M7; M12 - M10 M12 - 15-16G	-	AD: M10 GS: M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	-	KS-22-01-GH; GE3-10; GE4-10; GE5-10; GE6-10; GE8-10; GE10-10; GE12-10; GE14-10; GE16-10; GE18-10; VM12-10; VM12-7; VM12-15-16G	21-0 - 21-8; 21-0-E - 21-7-E
223-G	984181	320	1,7	M16 x 1,5	M16x1,5 - G1/2"	AG: G1/2" - IG: 15-16G; AG: 15-16G - IG: M10 AG: G1/2" - IG: M18x1,5	AD: M18x1,5 GS: M8; M10; M12; M14; M16; M18; M20; M22; M24	-	22-0-1; GA12-1815; GE8-1815; GE10-1815; GE12-1815; GE14-1815; GE16-1815; GE18-1815; GE20-1815; GE22-1815; GE24-1815	21-3*2 - 21-5*2; 21-6*1 - 21-8*1; 21-9** 21-0-E*2 - 21-4-E*2; 21-5-E*1 - 21-7-E*1
K-22-A	039263	290	0,5	M12	M12 - M10	AG: M10 - IG: M7	-	-	22-0; 22-1; 21-00; 21-02; 21-2; 21-4; G-22	21-0*1; 21-01*1; 21-1*1; 21-3; 21-5 21-0-E** - 21-4-E**
K-22-B	854385	290	0,9	M12	M12 - 15-16G	AG: 15-16G - IG: M10	-	-	KS-22-01-GH; 22-2; 21-5; 21-6; 21-7; 21-8; G-22	21-3*1 - 21-4*1; 21-0-E*1 - 21-4-E*1; 21-5-E** - 21-7-E**
K-22-A-E	140471	240	0,5	M10	M10	AG: M10 - IG: M7	-	-	22-1; 22-0***; 21-0-E; 21-00-E; 21-01-E; 21-1-E	21-0*1 - 21-2*1; 21-3-E** - 21-4-E** 21-3** - 21-5**
K-22-B-E	039270	240	0,5	M10	M10	AG: M10 - IG: M7	-	-	22-1; 22-0***; 21-1-E; 21-2-E; 21-3-E; 21-4-E	21-0*1 - 21-2*1; 21-0-E** - 21-01-E** 21-3** - 21-5**
K-22-C-E	140402	240	0,5	M10	M10	AG: M10 - IG: M7	-	-	22-1; 22-0***; 21-0-E; 21-00-E; 21-01-E; 21-1-E; 21-2-E; 21-3-E; 21-4-E	21-0*1 - 21-2*1; 21-3** - 21-5**
K-26-A	854378	290	0,5	M12	M12 - M10	AG: M10 - IG: M7	-	-	22-0; 21-00; 21-02; 21-2; 21-4; G-22; GA7-10	21-0*1; 21-01*1; 21-1*1; 21-3; 21-5 21-0-E** - 21-4-E**
K-26-B	854392	290	0,9	M12	M12 - 15-16G	AG: 15-16G - IG: M10	-	-	KS-22-01-GH; 21-5; 21-6; 21-7; 21-8; G-22; GA10-1516	21-3*1 - 21-4*1; 21-0-E*1 - 21-4-E*1; 21-5-E** - 21-7-E**
28-A	507779	290	0,9	M12	M12 - M7; M12 - M10 M12 - 15-16G	-	AD: M10 GS: M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	-	KS-22-01-GH; 21-00; 21-01; 21-02; 21-1; 21-2; VM12-7; VM12-10; VM12-1516; GE3-10; GE4-10; GE5-10; GE6-10; GE8-10; GE10-10; GE12-10; GE14-10; GE16-10; GE18-10	21-0; 21-3 - 21-8; 21-0-E - 21-7-E
28-B	507786	320	1,7	M16 x 1,5	M16x1,5 - G1/2"	AG: 1/2" - IG: 15-16G; AG: M10 - IG: M7 AG: 1/2" - IG: M18x1,5; AG: 15-16G - IG: M10	AD: M18x1,5 GS: M8; M10; M12; M14; M16; M18; M20; M22; M24	-	22-0-1; 21-1; 21-2; 21-3; 21-4; 21-5; GA12-1815; GA7-10; GE8-1815; GE10-1815; GE12-1815; GE14-1815; GE16-1815; GE18-1815; GE20-1815; GE22-1815; GE24-1815	21-6*1 - 21-8*1; 21-9** 21-0-E*2 - 21-4-E*2; 21-5-E*1 - 21-7-E*1
28-C	466762	290	0,9	M12	M12 - M7; M12 - M10 M12 - 15-16G	-	AD: M10 GS: M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	-	25-A; KS-22-01-GH; GE3-10; GE4-10; GE5-10; GE6-10; GE8-10; GE10-10; GE12-10; GE14-10; GE16-10; GE18-10; VM12-10; VM12-7; VM12-15-16G	21-7 - 21-8; 21-0-E - 21-7-E
28-D	466779	290	0,9	M12	M12 - M7; M12 - M10 M12 - 15-16G	-	AD: M10 GS: M3; M4; M5; M6; M8; M10; M12; M14; M16; M18	-	25-B; KS-22-01-GH; GE3-10; GE4-10; GE5-10; GE6-10; GE8-10; GE10-10; GE12-10; GE14-10; GE16-10; GE18-10; VM12-10; VM12-7; VM12-15-16G	21-0-E - 21-7-E
27-A	951008	290	0,9	M12	M12 - 1516-G M12 - M10	-	-	-	22-01-G27-A; 21-01-E; 21-0-E; 21-00-E; 21-1-E; 21-2-E; 21-3-E; 21-4-E; 21-5-E; 43-001; 204-0; 69-1; 69-A2; 69-A3; GA12-3; GA12-4; GA12-5; GA12-6; GA12-8; GA12-10; VM12-1516	21-3 - 21-5; 21-6 - 21-8; 21-6-E - 21-7-E

\*1 with reducing adaptor    \*2 with 2 reducing adaptors    \*3 with 3 reducing adaptors    \*\* without reducing adaptor    \*\*\* Slide hammer, length 240 mm, M10

Slide hammers + internal extractor with segmented grasp edge, serie 21-x-E



**TIPP: G-22**

Use the 3-K handle No. G-22 suitable for all KUKKO slide hammers. You keep a secure grip - before, during and after the removal process.

**TIPP: 22-0-2-100**

The hammer's (No. 22-0-2) striking weight can be increased by adding one or more additional screw-on weights No. 22-0-2-100. Each additional weight increases the striking weight by 3 kg.