

Product name

Counterstay

For use with series 21 and series 21-E. Series 22-1-AS only for 22-1 and 22-2.

Art. No. 22-1

Series 22

EAN 4021176012228



	Technical attribute	Metric	Imperial
	Spread counter support	55 mm	2 3/16 inch
	Counterstay reach	120 mm	4 3/4 inch
	Support surface	14 x 16 mm	
max.	Maximum load	3 t	3 US t
	Weight	0.69 kg	



has to be accomplished with



Internal extractor

21-0



Internal extractor

21-00



Internal extractor

21-01



Internal extractor

21-02



Internal extractor

21-1



Internal extractor

21-2



Internal extractor

21-3



Internal extractor

21-4



Internal extractor

21-5



**Internal extractor with
segmented grasp edge**

21-0-E



**Internal extractor with
segmented grasp edge**

21-00-E



**Internal extractor with
segmented grasp edge**

21-01-E



has to be accomplished with



Internal extractor with segmented grasp edge

21-1-E



Internal extractor with segmented grasp edge

21-2-E



Internal extractor with segmented grasp edge

21-3-E



Internal extractor with segmented grasp edge

21-4-E



Needle bearing extractor

21-40



Needle bearing extractor

21-41



Needle bearing extractor

21-42



Needle bearing extractor

21-43



Needle bearing extractor

21-44



Needle bearing extractor

21-45



Needle bearing extractor

21-46



Technologies



LIGHT SHIFT

Free-moving, self-retaining jaws
with internal spring washer.



Spare part

Art. No.	Product name
22-1-T	Cross-beam
022-106	Spindle
22-1-1-P	Pair of spare hooks with fixing material

Accessories

Art. No.	Product name
22-1-AS	Set of thread inserts

Goes with

Art. No.	Product name
21-0	Internal extractor
21-00	Internal extractor
21-01	Internal extractor
21-02	Internal extractor
21-1	Internal extractor
21-2	Internal extractor
21-3	Internal extractor
21-4	Internal extractor
21-5	Internal extractor



Goes with

Art. No.	Product name
21-0-E	Internal extractor with segmented grasp edge
21-00-E	Internal extractor with segmented grasp edge
21-01-E	Internal extractor with segmented grasp edge
21-1-E	Internal extractor with segmented grasp edge
21-2-E	Internal extractor with segmented grasp edge
21-3-E	Internal extractor with segmented grasp edge
21-4-E	Internal extractor with segmented grasp edge
21-40	Needle bearing extractor
21-41	Needle bearing extractor
21-42	Needle bearing extractor
21-43	Needle bearing extractor
21-44	Needle bearing extractor
21-45	Needle bearing extractor
21-46	Needle bearing extractor
22-1-AS	Set of thread inserts
21-44-E	Needle bearing extractors



Part of

Art. No.	Product name
24-A	Set of bearing pulling and extracting tools
24-B	Set of bearing pulling and extracting tools
24-C	Set of bearing pulling and extracting tools
25-K	Set of bearing extracting tools
25-A	Set of bearing extracting tools
25-B	Set of bearing extracting tools
25-C	Set of bearing extracting tools
25-N	Set of bearing extracting tools
28-C	Set of slide hammer and counterstays for extracting ball bearings and dowel-pins
28-D	Set of slide hammer and counterstays for extracting ball bearings and dowel-pins
K-22-C-E	Ball bearing extracting set with counterstay and slide hammer
K-22-A-E	Ball bearing extracting set with counterstay and slide hammer
K-22-B-E	Ball bearing extracting set with counterstay and slide hammer
WT-017	Puller product range - interior pulling - BASIC
WT-018	Puller product range - interior pulling - TOP
K-22-A	Ball bearing extracting set with counterstay and slide hammer
EVLW-2-INDUSTRIE	Display
EVLW-2-KFZ	Merchandiser, automotiv pullers
EVLW-2-NFZ	Merchandiser, automotive pullers / commercial vehicle / agricultural machinery
WT-1-INDUSTRIE	Puller product range - industrial

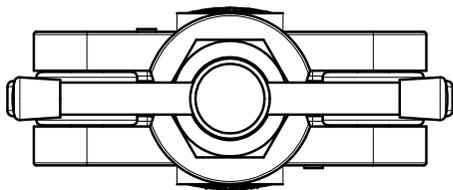
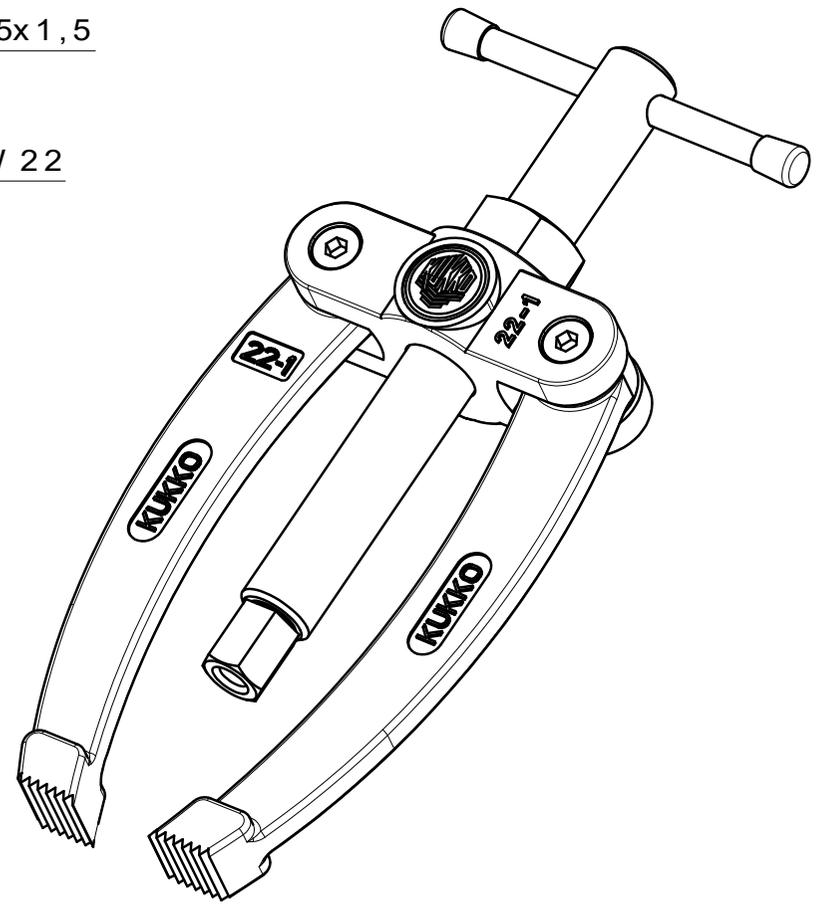
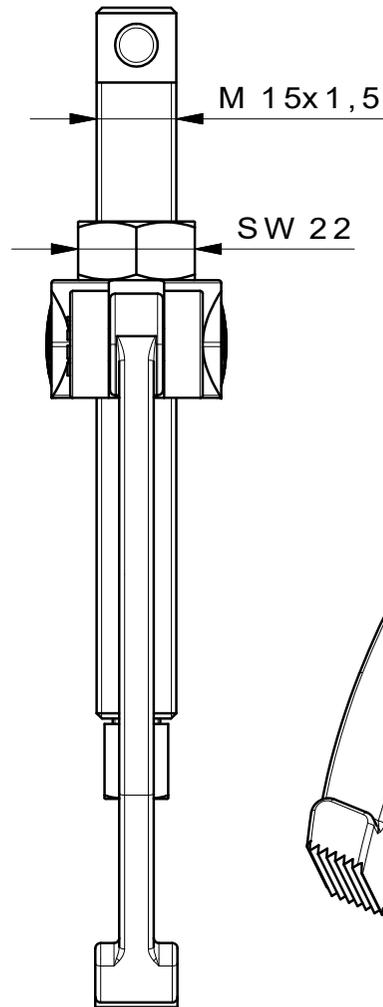
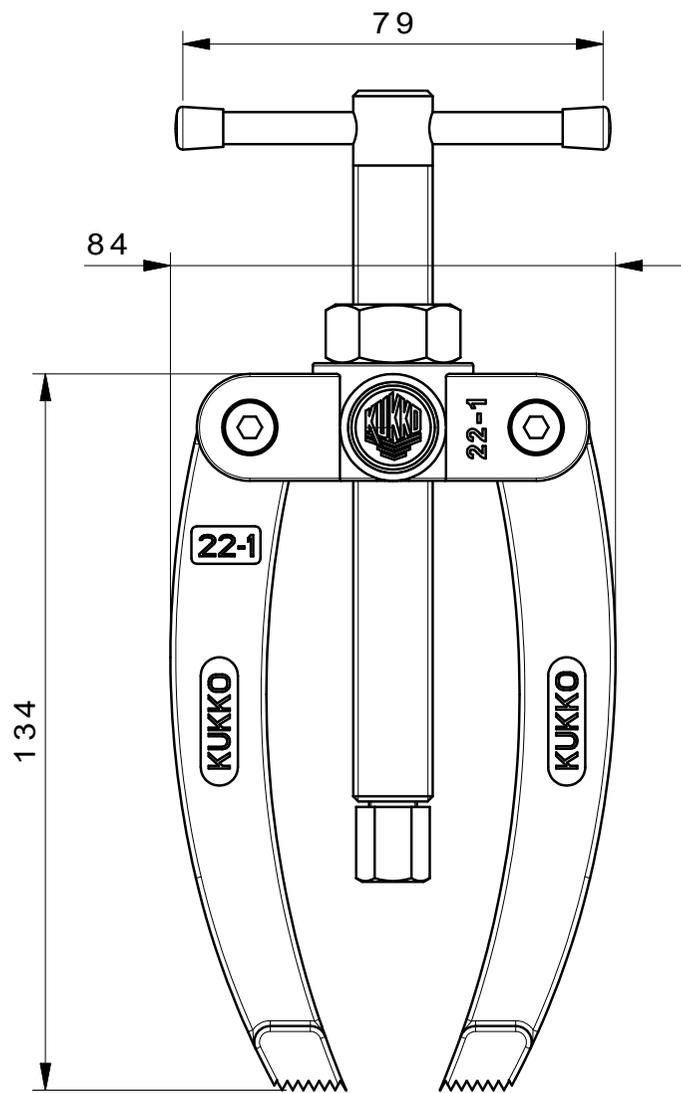


Spare part of

Art. No.	Product name
24-A	Set of bearing pulling and extracting tools
24-B	Set of bearing pulling and extracting tools
24-C	Set of bearing pulling and extracting tools
25-K	Set of bearing extracting tools
25-A	Set of bearing extracting tools
25-B	Set of bearing extracting tools
25-C	Set of bearing extracting tools
25-N	Set of bearing extracting tools

Also included in

Art. No.	Product name
WT-018	Puller product range - interior pulling - TOP



 Kleinbongartz & Kaiser oHG Werkzeugfabrik Hilden - Germany	Dokumentname: 22-1 Gegenstütze		Toleranz: DIN ISO 2768-m
	Dokumentbeschreibung: Baugruppe		Material: Hoch legierter Werkzeugstahl / High alloy tool steel
	Erstellt von: Schultes	Erstellungsdatum: 12/04/2016	Maßstab: 1:1
Teilbeschreibung: Gegenstütze/ Counterstay			Wärmebehandlung / Härte: vergüteter Stahl/ tempered steel
			Oberflächenbehandlung:
Artikelnummer / ZNR.: 22-1	Dokumentversion: -	Schutzvermerk ISO 16016 beachten	