



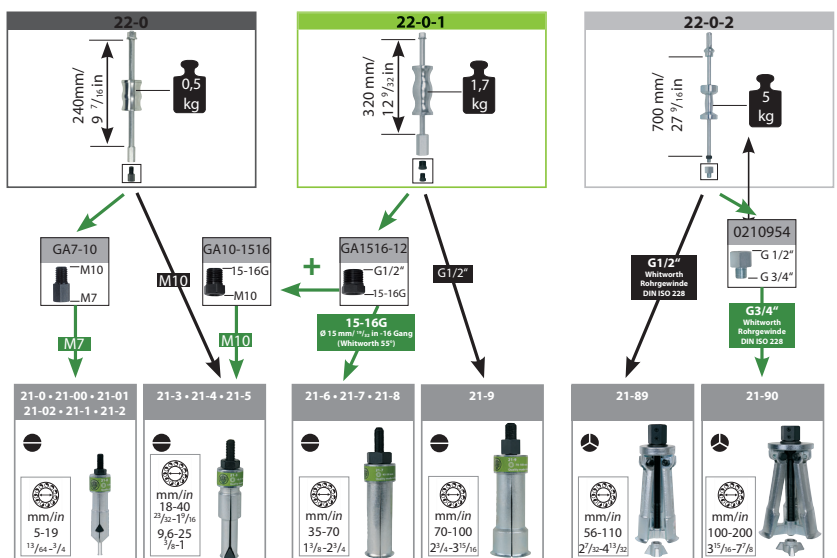
BEDIENUNGSANLEITUNG BAUREIHE 21



Anwendungsbeispiel Innenausziehen mit Gleithammer



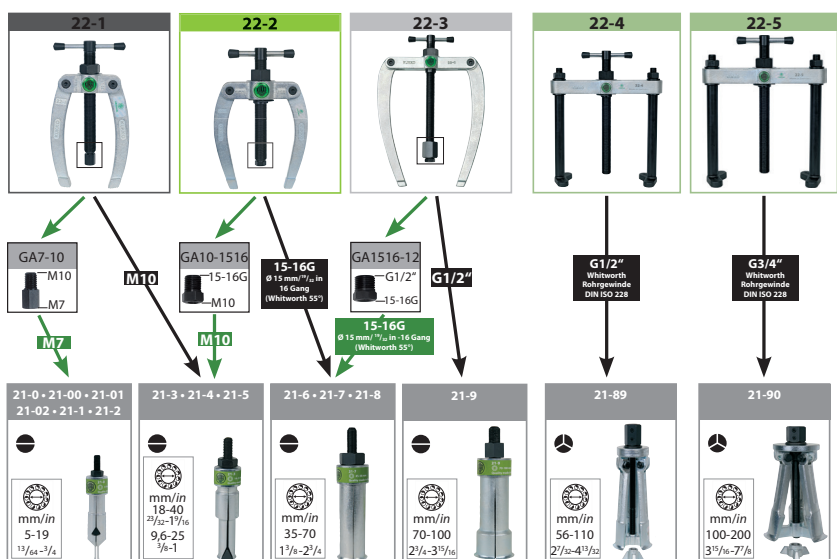
Kombination von Gleithammer mit 2- und 3-schaligen Innenauszieher, Serie 21



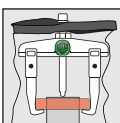
Anwendungsbeispiel Innenausziehen mit Gegenstütze



Kombination von Gegenstütze mit 2- und 3-schaligen Innenauszieher, Serie 21



Sicherheits und Gebrauchshinweise



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BA-21



	Part Number	Material	Length [mm]	Width [mm]	Height [mm]	Tip Diameter [mm]	Tip Shape
21-01	010068	5-18	14	73	0	20-2,0-2,0	
21-02	010076	6-10	14	73	0	20-2,0-2,0	
21-03	010075	8-12	14	73	0	20-2,0-2,0	
21-04	010074	10-14	14	73	0	20-2,0-2,0	
21-05	010081	12-16	14	73	0	20-2,0-2,0	
21-06	010089	16-19	27	72	0	20-2,0-2,0	
21-07	011153	18-23	35	89	0	20-2,0-2,0	
21-08	011238	20-26	40	92	0	20-2,0-2,0	
21-09	011166	25-36	55	95	0	20-2,0-2,0	
21-10	011084	26-44	86	110	0	20-2,0-2,0	
21-11	011041	45-58	95	132	0	20-2,0-2,0	
21-12	011070	56-70	85	133	0	20-2,0-2,0	
21-13	011086	70-100	160	166	0	20-2,0-2,0	
21-14	011091	100-150	150	180	0	20-2,0-2,0	
21-15	011068	160-200	175	220	0	20-2,0-2,0	

The figure also includes five photographs showing the application of different tips to various workpiece geometries:

- Top left: A hand uses a tip to measure the flat top of a cylindrical workpiece.
- Top right: A hand uses a tip to measure the outer diameter of a cylindrical workpiece.
- Bottom left: A hand uses a tip to measure the inner diameter of a cylindrical workpiece.
- Bottom center: A hand uses a tip to measure the outer diameter of a cylindrical workpiece.
- Bottom right: A hand uses a tip to measure the outer diameter of a cylindrical workpiece.

22-0

240mm/
9 7/16 in

0,5 kg

22-0-1

320mm/
12 5/16 in

1,7 kg

22-0-2

700mm/
27 7/16 in

5 kg

GA7-10
M10
M7

GA10-1516
15-16G
M10

GA1516-12
G1/2"
15-16G
Ø 15 mm 14 1/2 in - 16 Gang
(Whitworth 55")

G1/2"
Whitworth Rohrgewinde
DIN ISO 228

G1/2"
Whitworth Rohrgewinde
DIN ISO 228

G3/4"
Whitworth Rohrgewinde
DIN ISO 228

0210954
G 1/2"
G 3/4"

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

mm/in
5-19
1 1/16 - 3/4

mm/in
18-40
2 1/2 - 1 1/8
9,6-25
3/8-1

mm/in
35-70
1 1/8 - 2 1/4

mm/in
70-100
2 1/4 - 3 3/8

mm/in
56-110
2 1/2 - 4 1/2

mm/in
100-200
3 3/8 - 7 7/8

[illegible]

22-1	22-2	22-3	22-4	22-5
GA7-10 M10 M7 M10 M7	GA10-1516 15-16G M10 M10	15-16G Ø 13 mm/ 1/2 in - 16 Gang (Whitworth 55°) GA1516-12 G1/2" 15-16G 15-16G Ø 15 mm/ 1 1/4 in - 16 Gang (Whitworth 55°) G1/2"	G1/2" Whitworth Rohrgewinde DIN ISO 228	G3/4" Whitworth Rohrgewinde DIN ISO 228
21-0 • 21-00 • 21-01 21-02 • 21-1 • 21-2 mm/in 5-19 13/16-3/4	21-3 • 21-4 • 21-5 mm/in 18-40 3/4-1 1/16 9/6-25 1/2-1	21-6 • 21-7 • 21-8 mm/in 35-70 1 1/4-3 1/4	21-9 mm/in 70-100 2 1/4-4 1/16	21-89 mm/in 56-110 2 1/4-4 1/16

