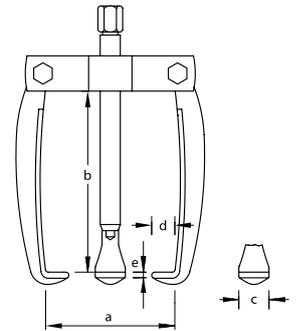


## 2-/3-arm External Pullers

### 1.18 PULLER

2-arm pattern

> The tried and tested range for economical bearing removal

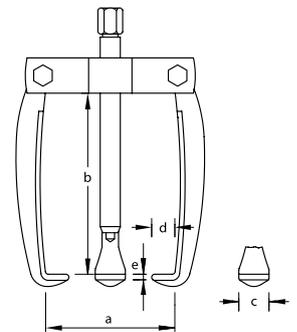


$a_{max}$	b	max. t		 mm	optional 	c	d	e		Code	No.
<b>110</b>	110	2.0	M 14x1,5 x 163	17	–	17	18	5.0	1.0	1464965	1.18/1
<b>160</b>	140	3.0	M 18x1,5 x 215	19	–	21	20	6.5	2.1	1464973	1.18/2
<b>200</b>	200	5.0	G 1/2 x 282	22	1.06/HSP1	22	22	7.5	3.4	1464981	1.18/3

### 1.19 PULLER

3-arm pattern

> The tried and tested range for economical bearing removal



$a_{max}$	b	max. t		 mm	optional 	c	d	e		Code	No.
<b>110</b>	110	2.0	M 14x1,5 x 163	17	–	17	18	5.0	1.4	1465007	1.19/1
<b>160</b>	140	3.0	M 18x1,5 x 215	19	–	21	20	6.5	2.7	1465015	1.19/2
<b>200</b>	200	5.0	G 1/2 x 282	22	1.06/HSP1	22	22	7.5	4.5	1465023	1.19/3

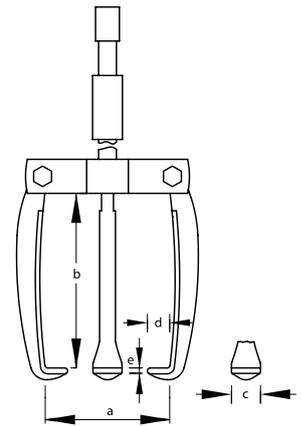
1.35/1A

>481



## 1.19/SH PULLER WITH SLIDING HAMMER

- > The tried and tested range for economical bearing removal, spindle not supplied
- > Impact weight: 700 g

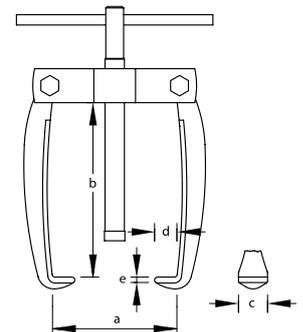


a <sub>max</sub>	b	max. t	c	d	e		Code	No.
70	70	1.0	12	10	3.0	1.2	2178001	1.19/01-SH1A

## 1.18 FAN PULLER

2-arm pattern

- > Removes bearings swiftly and cleanly
- > Can also be used with sliding hammer no. 1.35/1A

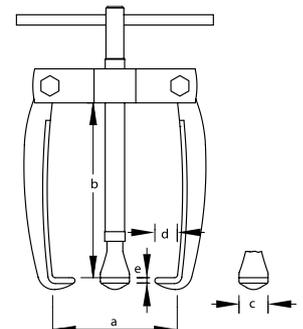


a <sub>max</sub>	b	max. t		c	d	e		Code	No.
65	50	1.0	M 10 x 115	12	10	3.0	0.230	1656996	1.18/02
70	70	1.0	M 10 x 115	12	10	3.0	0.240	1657089	1.18/01
80	80	1.0	M 10 x 115	12	10	3.0	0.240	1656937	1.18/0

## 1.19 FAN PULLER

3-arm pattern

- > Removes bearings swiftly and cleanly
- > Can also be used with sliding hammer no. 1.35/1A



a <sub>max</sub>	b	max. t		c	d	e		Code	No.
65	50	1.0	M 10 x 115	12	10	3.0	0.280	1657054	1.19/02
70	70	1.0	M 10 x 115	12	10	3.0	0.300	1657046	1.19/01
80	80	1.0	M 10 x 115	12	10	3.0	0.300	1657011	1.19/0



# 1.18/X5 PULLER

with extra slim legs

- > Very slim forged legs
- > Ideal for use in hard-to-reach places, e.g. work on electric motors

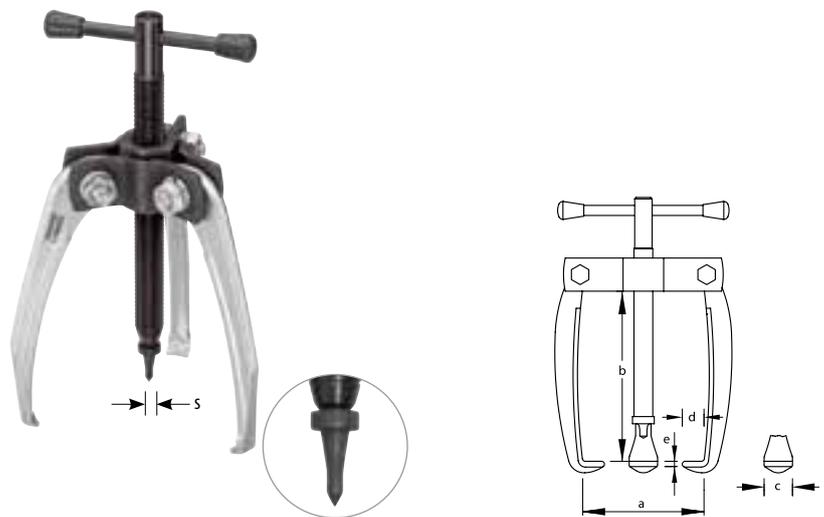


a <sub>max</sub>	b	max. t		c	d	e	s		Code	No.
50	70	0.5	M 10x1,5 x 100	8	3	2	2,9	0.240	2018594	1.18/OXS

# 1.19/X5 PULLER

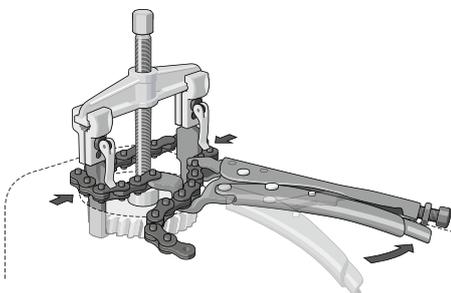
with extra slim legs

- > Very slim forged legs
- > Ideal for use in hard-to-reach places, e.g. work on electric motors



a <sub>max</sub>	b	max. t		c	d	e	s		Code	No.
50	70	0.8	M 10x1,5 x 100	8	3	2	2,9	0.300	2018608	1.19/OXS

## CLAMPING YOKE



- > The clamping yokes stop the legs bending outwards under load and thus possibly slipping.
- > This can also be attained using the new GEDORE 136 K clamping chain - even with a very restricted contact surface of the legs extracting can still be done.