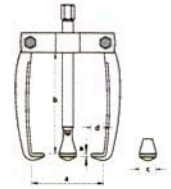


**2-/3-ARM EXTERNAL PULLERS****1.18****PULLER 2-arm pattern**

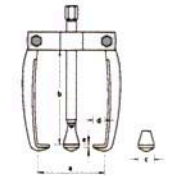
- The tried and tested range for economical bearing removal



a_{max}	b	max. t		\bullet mm	optional	c	d	e		Code	No.
110	110	2.0	M 14x1,5 x 163	17	–	17	18	5.0	1.0	1464965	1.18/1
160	140	3.0	M 18x1,5 x 215	19	–	21	20	6.5	2.1	1464973	1.18/2
200	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**

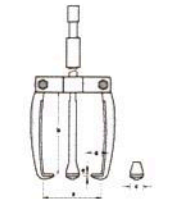
- The tried and tested range for economical bearing removal



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

**1.19/SH****PULLER WITH SLIDING HAMMER**

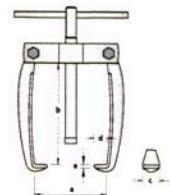
- The tried and tested range for economical bearing removal, spindle not supplied
- Impact weight: 700 g



a_{max}	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_{max}	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	0.230	1656996	1.18/02