

ALUFIX Classic

Keyless chucks and Vises

Promotion
From 21.11.22 – 15.1.23.
Take advantage of special
pricing on all items now!



Accurate part positioning for measuring technology

Fixed on precision



ALUFIX Classic

Keyless chucks and Vises

Secure workpiece clamping and accurate contact to support and contact surfaces



3 Jaw keyless chuck new version with offset pins



Application example for Universal Vise shown on page 11



Vise with offset pins

Features and Benefits

- The keyless chucks and vises are operated by hand, no additional tools are required
- Highest accuracy through precision machining of components on all sides, made of high-strength or medium-strength aluminum
- Extremely light and highly resilient
- High stability with extremely light weight
- Corrosion-resistant and maintenance-free
- Wear-resistant thanks to all-round anodizing
- Various mounting holes on the base allow the use of screw or quick connectors for assembly
- The top jaws on keyless chucks and the forming jaws on vises, enable making of individual workpiece-specific supports



For more flexibility and a larger clamping range, the reversible jaws on all Witte manual chucks can also be rotated.

3 Jaw Keyless Chuck for measuring applications

Nr.	A	B	C	D	E	F	G	Ø
C 82220-1A	50	60	17,3	23,4	28,2	M4	30	-
C 82080-1A	80	96	25,3	35	47,4	M6	50	-
C 82125-1A	125	146	38,4	53,1	68,5	M8	80	-
82200-1A	200	236	55,3	79,1	104,1	M10	120	-

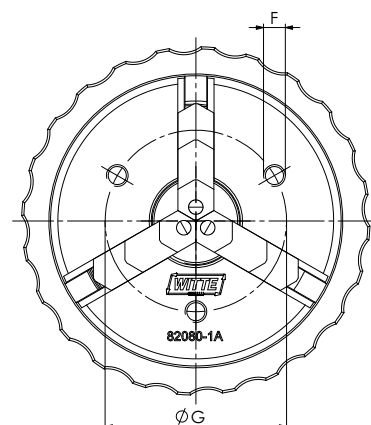
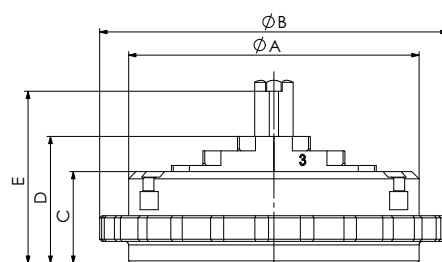
€ 351,23 instead of 444,60

€ 359,34 instead of 454,86

€ 609,71 instead of 771,78

€ 1.181,59 instead of 1.495,68

Concentricity base to part:
Repeatable accuracy max. 0,1mm, absolute accuracy 0,3mm



6 Jaw Keyless Chuck for measuring applications

Nr.	A	B	C	D	E	F	G	Ø
82340-1A	50	60	17,3	23,4	28,2	M4	30	-
82090-1A	80	96	25,3	35	44,6	M6	50	-
82135-1A	125	146	38,4	53,1	68,5	M8	80	-
82210-1A	200	236	55,3	79,1	104,1	M10	140	-

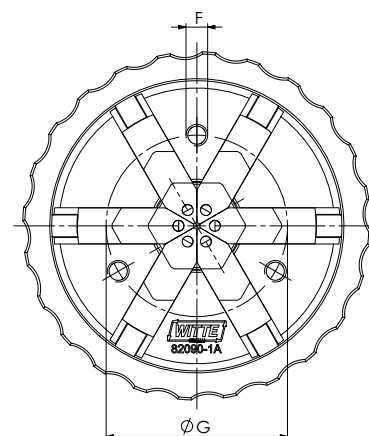
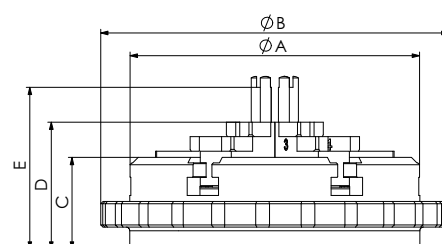
€ 458,41 instead of 580,26

€ 469,21 instead of 593,94

€ 743,90 instead of 941,64

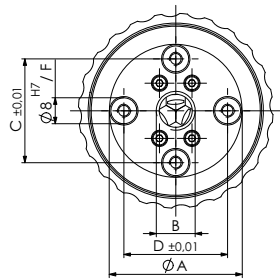
€ 1.597,66 instead of 2.022,36

Concentricity base to part:
Repeatable accuracy max. 0,1mm, absolute accuracy 0,3mm

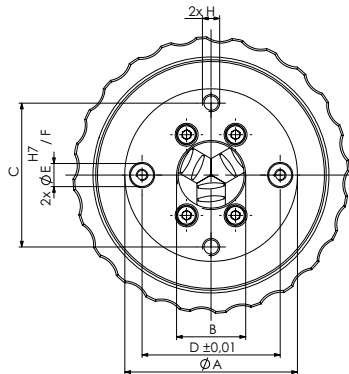


C·E ALUFIX preferred range
Green: Item is available immediately.
C: Classic version, E: Eco version, CE: Classic or Eco
■: color "black"

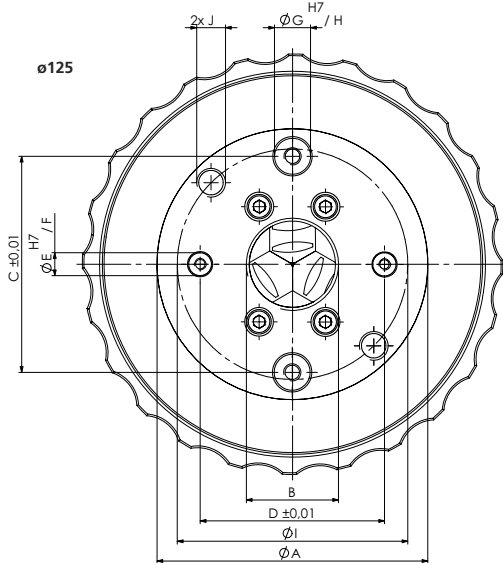
ø50



ø80



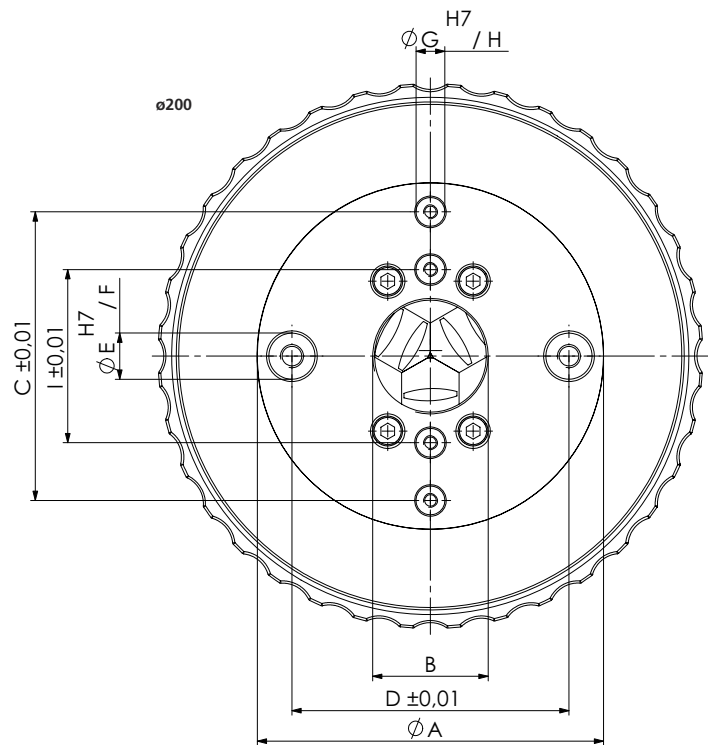
ø125

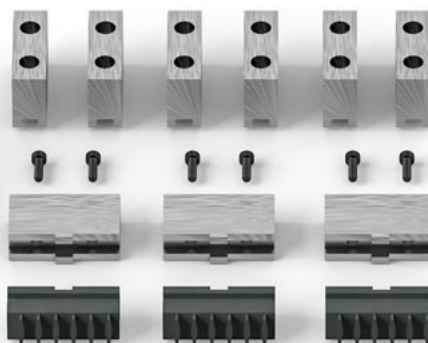
**Further Dimensions**

3 and 6 jaw keyless chucks, view from underneath

ø	A	B	C	D	E	F	G	H	I	J	AF
50	41	M12x0,5	32	32	8	M4	-	-	-	-	16
80	60	M 24x1	50	48	8	M4	-	M6	-	-	16/25
125	94	M32x1	75	64	8	M4	12,5	M6	80	M10	16/25/40
200	150	M50x1,5	125	120	20	M10	12,5	M6	75	-	25/40

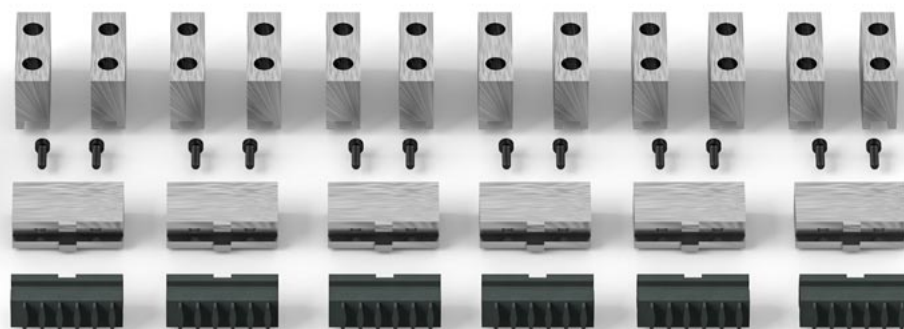
ø200



**Basic Set 3 jaw Keyless chuck**

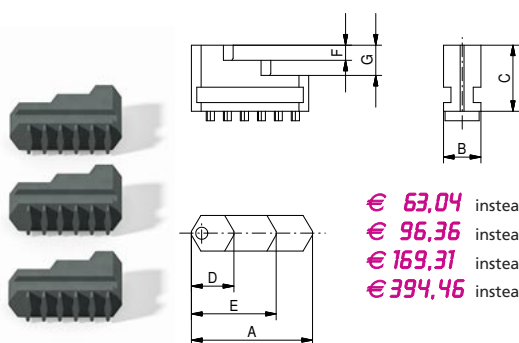
19-pcs., 1 x chuck with reversible jaws,
1 x Base jaw set, 9 x Top jaws, 6 x Screws

Nr.	ø	comprising of:	g		
82373-1A	50	1x82220-1A, 1x82351, 9x26288, 6x11434-S1	138	€538,56	instead of 681,72
82376-1A	80	1x82080-1A, 1x82356, 9x26289, 6x11435-S1	523	€647,53	instead of 819,66
82378-1A	125	1x82125-1A, 1x82360, 9x26290, 6x10437	1.946	€1.110,44	instead of 1405,62
82380-1A	200	1x82200-1A, 1x82364, 9x26291, 6x10631	7.300	€2225,38	instead of 2816,94

**Basic Set 6 jaw Keyless chuck**

37-pcs., 1 x chuck with reversible jaws,
1 x Base jaw set, 18 x Top jaws, 12 x Screws

Nr.	ø	comprising of:	g		
82374-1A	50	1x82340-1A, 1x82354, 18x26288, 12x11434-S1	173	€842,96	instead of 1.067,04
82377-1A	80	1x82090-1A, 1x82358, 18x26289, 12x11435-S1	690	€1.043,80	instead of 1.321,26
82379-1A	125	1x82135-1A, 1x82362, 18x26290, 12x10437-S1	2.595	€1.707,54	instead of 2161,44
82381-1A	200	1x82210-1A, 1x82366, 18x26291, 12x10631-S1	9.830	€3.401,57	instead of 4.305,78

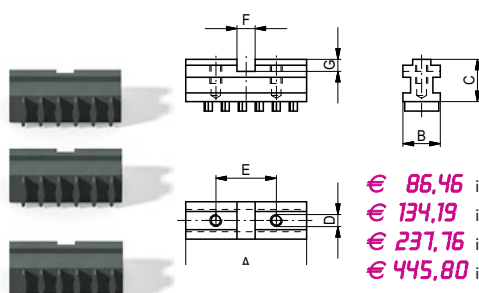


€ 63,04 instead of 79,80
€ 96,36 instead of 121,98
€ 169,31 instead of 214,32
€ 394,46 instead of 499,32

Reversible jaws set for 3 jaw chuck, with fixing pins

Nr.	for ø	A	B	C	D	E	F	G	
82350-A	50	20	5,9	10,7	7	14	2,5	5	10
82355-A	80	32	9,9	17,5	11	22	4,0	8	30
82359-A	125	52	15,9	27,1	17	34	6,0	12	20
82363-A	200	82	24,9	44,1	27	54	8,0	16	370

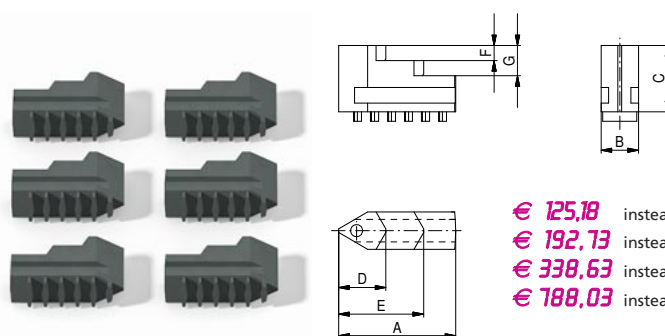
Also fit in 6 jaw chucks.



€ 86,46 instead of 109,44
€ 134,19 instead of 169,86
€ 237,76 instead of 300,96
€ 445,80 instead of 564,30

Base jaws set for 3 jaw chuck

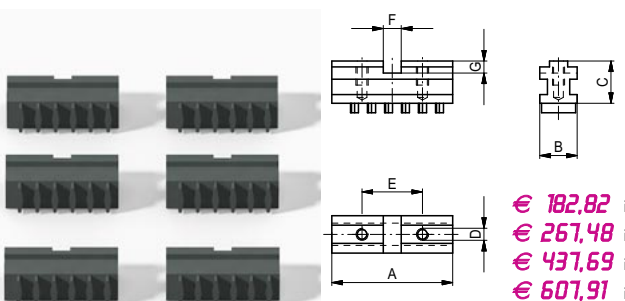
Nr.	for ø	A	B	C	D	E	F	G	
82351	50	20	5,9	6,6	M2	10	3	2	10
82356	80	32	9,9	10,9	M3	16	5	3	20
82360	125	52	15,9	17,5	M5	24	8	5	160
82364	200	82	24,9	28,5	M8	40	12	8	380



€ 125,18 instead of 158,46
€ 192,73 instead of 243,96
€ 338,63 instead of 428,64
€ 788,03 instead of 997,50

Reversible jaws set for 6 jaw chuck, with fixing pins

Nr.	for ø	A	B	C	D	E	F	G	
82353-A	50	20	5,9	10,7	8	14	2,5	5	20
82357-A	80	32	9,9	17,5	12,5	22,5	4	8	60
82361-A	125	52	15,9	27,1	20	36	6	12	240
82365-A	200	82	24,9	44	27	54	8	16	1.000



€ 182,82 instead of 231,42
€ 267,48 instead of 338,58
€ 437,69 instead of 554,04
€ 607,91 instead of 769,50

Base jaws set for 6 jaw chuck

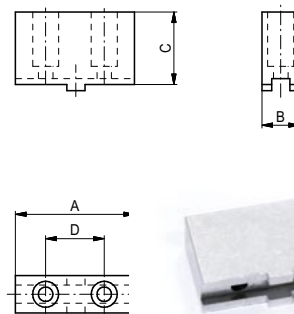
Nr.	for ø	A	B	C	D	E	F	G	
82354	50	20	5,9	6,6	M2	10	3	2	18
82358	80	32	9,9	10,9	M3	16	5	3	50
82362	125	52	15,9	17,5	M5	24	8	5	190
82366	200	82	24,9	27,5	M8	40	12	8	750

Top jaws single

to use on base jaws, for 3 and 6 jaw keyless chucks

Nr.	for ϕ	A	B	C	D	Material	
26288	50	20	5,9	12	10	EN AW-7075	3
26288-10	50	20	5,9	12	10	POM	2
26289	80	32	9,9	18	16	EN AW-7075	13
26289-10	80	32	9,9	18	16	POM	10
26290	125	52	15,9	28	24	EN AW-7075	50
26290-10	125	52	15,9	28	24	POM	43
26291	200	82	24,9	44	40	EN AW-7075	150
26291-10	200	82	24,9	44	40	POM	139

€ 10,36 instead of 13,11
 € 11,71 instead of 14,82
 € 16,21 instead of 20,52
 € 18,01 instead of 22,80
 € 28,37 instead of 35,91
 € 31,07 instead of 39,33
 € 64,84 instead of 82,08
 € 69,80 instead of 88,35

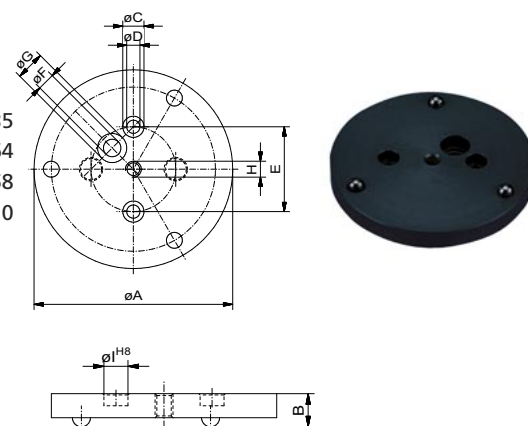


Center plate

for 3 and 6 jaw keyless chucks

Nr.	for ϕ	A	B	C	D	E	F	G	H	I	
82371-1	50	75	11	8	5	32	6,6	11	M6	8	100
82159-1	80	120	13	11	6,6	50	-	-	-	8	317
82344-1	125	187	18	11	6,6	75	-	-	-	8	493
82345-1	200	300	28	18	11	120	-	-	-	12,5	528

€ 69,80 instead of 88,35
 € 113,48 instead of 143,64
 € 177,42 instead of 224,58
 € 283,69 instead of 359,10

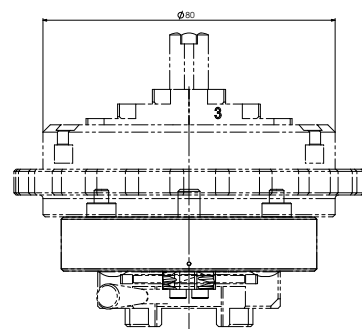


Quick change coupling

for keyless chucks $\phi 50$ mm and $\phi 80$ mm

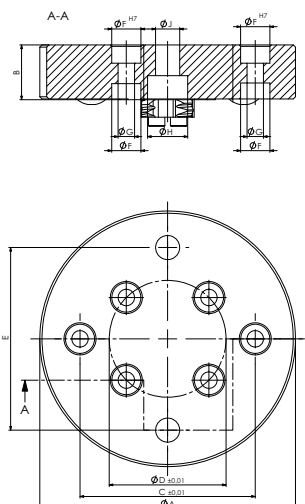
Nr.	ϕA	B	C	ϕD	E	ϕF	ϕG	ϕH	ϕJ	
291548-1	70	15	48	32	50	8	4,5	11	6,6	168

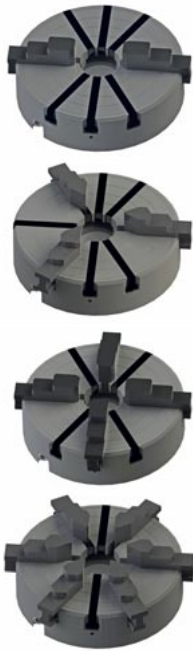
€ 80,60 instead of 102,03



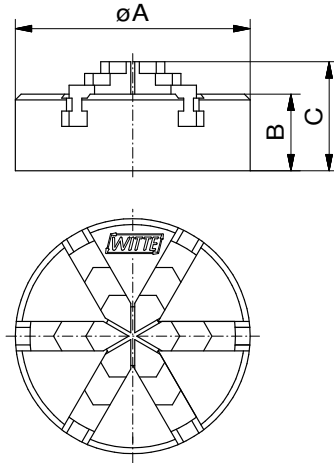
The required connection elements are included in supply.

Picture shows coupling with connection elements, plus quick change coupling bottom section (No. 282474-1) and keyless chuck Dia 80 (No. 82080-1A) not included in supply.



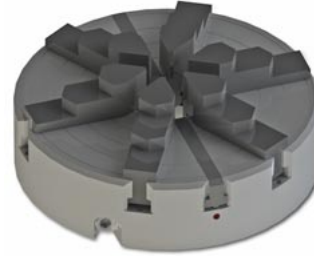


€1.047,40 instead of 1.325,82



Keyless chuck for 2,3,4,6 jaws, $\phi 125$, anodized natural

Nr.	A	B	C	
285291-1	125	33	50	1300



6 stepped standard jaws are included in supply.
Base and special jaws are available on request.
Base same as chuck $\phi 125$: 82125, 82135.
Suitable Center plate: No. 287192-1.

Vise set 10-pcs., comprising of:

€ 480,02 instead of 607,62
€ 647,53 instead of 819,66
€ 885,29 instead of 1.120,62
€ 1.119,45 instead of 1.417,02
€ 1.654,40 instead of 2094,18
€ 2.141,63 instead of 2710,92

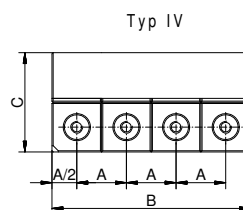
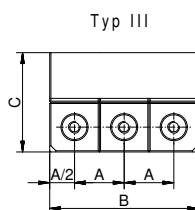
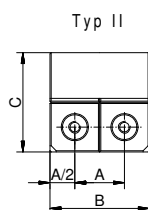
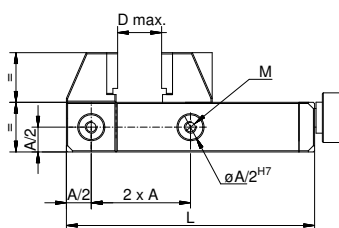
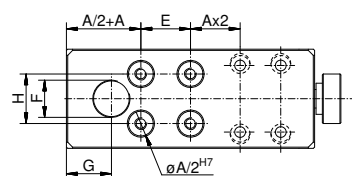
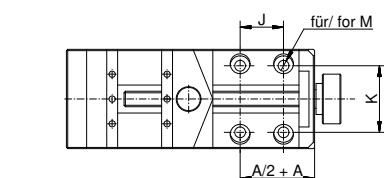
Nr.	System	Vise	Flat jaw	Pins	V-jaw	V-jaw
		1x	Alu 2x	3x	small 2x	big 2x
81790-1	16	81784-1	24580-1	24604	24586-1	24598-1
81791-1	25	81785-1	24581-1	24605	24587-1	24599-1
81792-1	25	81786-1	24582-1	24605	24588-1	24600-1
81793-1	25	81787-1	24583-1	24605	24589-1	24601-1
81794-1	40	81788-1	24584-1	24606	24590-1	24602-1
81795-1	40	81789-1	24585-1	24606	24591-1	24603-1

Jaws also available as single elements
Flat and V jaws are also available in polymer
(POM black).



Parallel-vise without pins

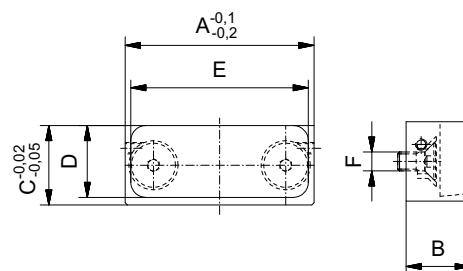
Nr.	AF	Typ	L	B	C	D	E	F	G	H	J	K	M	g		
81784-1	16	II	80	32	32	40	-	M12x0,5	14,5	16	-	16	M4	135	€ 337,73	instead of 427,50
 81785-1	25	II	125	50	50	65	-	M24x1	23	25	-	25	M6	750	€ 447,60	instead of 566,58
81786-1	25	III	150	75	50	90	25	M24x1	37,5	50	-	50	M6	905	€ 607,91	instead of 769,50
81787-1	25	IV	175	100	50	115	25	M24x1	62,5	50	-	50	M6	1.410	€ 761,01	instead of 963,30
81788-1	40	III	320	120	80	225	40	M32x1	100	80	-	80	M10	4.620	€ 1.183,39	instead of 1.497,96
81789-1	40	IV	360	160	80	265	40	M32x1	100	80	80	80	M10	6.150	€ 1.532,82	instead of 1.940,28



Forming jaw with bushes, for compound resin (page 10)

Nr.	System	A	B	C	D	E	F	g		
81831-1	AF 16	32	10	13,5	12	29	M3	10	€ 40,08	instead of 50,73
81832-1	AF 25	50	17	21	19	47	M5	30	€ 49,08	instead of 62,13
81833-1	AF 25	75	17	21	18,5	71	M5	40	€ 49,53	instead of 62,70
81834-1	AF 25	100	17	21	18,5	96	M5	60	€ 53,59	instead of 67,83
81835-1	AF 40	120	34	33,5	30	112	M8	170	€ 70,70	instead of 89,49
81836-1	AF 40	160	34	33,5	30	152	M8	226	€ 99,07	instead of 125,40

Supply includes:
1 forming jaw,
2 bushes,
2 Threaded pins,
2 countersunk screws.



ALUFIX preferred range
Green: Item is available immediately.
C: Classic version, E: Eco version, CE: Classic or Eco
■: color "black"



€ 23,42 instead of 29,64
 € 30,62 instead of 38,76

Plasticine compound resin

Knead blue and yellow components in ratio 1:1, blend well until colour through out is green.

Apply within 15 minutes. The resin hardens to full strength within 3 hours.

Technical details:

Tensile strength 300 kg/cm²

Compression strength: 800 kg/cm²

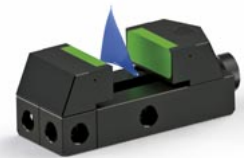
Heat resistance upto +200°C

Compound resin for moulding workpieces

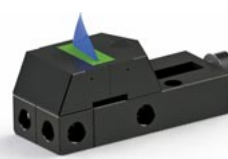
Nr.	Contents g	g
80692	100	120
80685	400	460



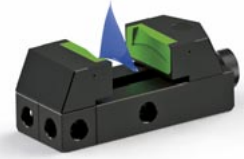
Preparing forming jaws with plasticine compound



Positioning of workpiece



The forming jaws with the compound resin are pressed together.



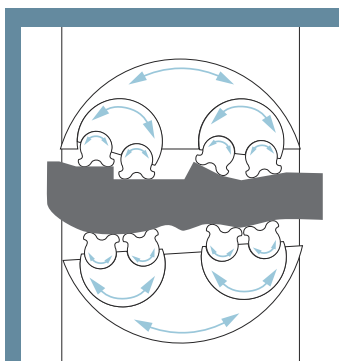
The compound resin adapts to the contours of the workpiece.

FracVise AF25

for secure fixation of irregular shaped workpieces

€ 1.152,77 instead of 1459,20

Nr.	Length	Width	Height	clamping w.	g
294688-1	287 mm	100 mm	50 mm	0-92 mm	770



The precision vice has multi-part clamping jaws and flexible elements that automatically adapt to the workpiece contours "from large to small" when closed.



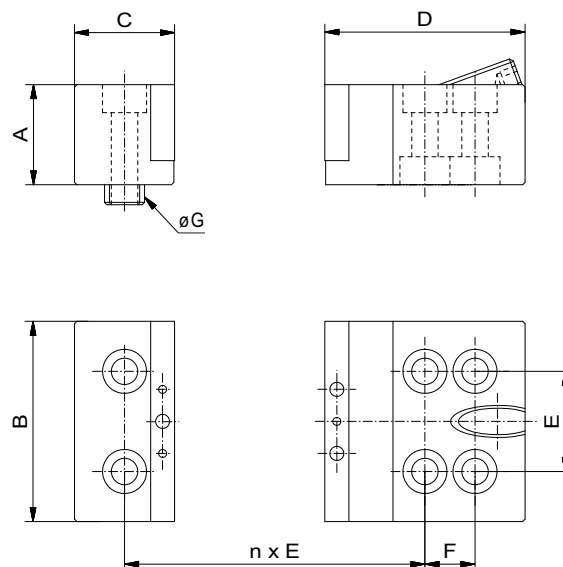
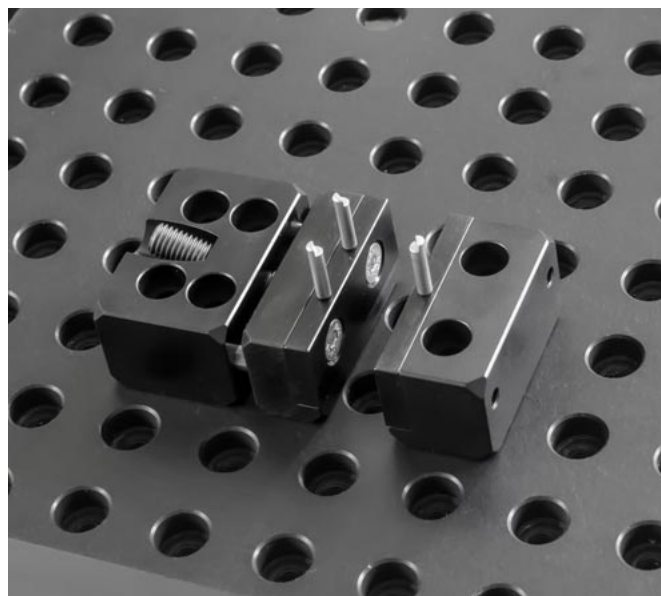
Universal Vise

2 pcs., for mounting on base plates
or grid base plates, Shift $\pm 12,5$ mm

Nr.	System	A	B	C	D	E	F	G	
93498-1	AF25	25	50	25	40	25	12,5	12,5	296
289488-1	AF40	40	80	40	64	40	20	20	878

€226,05 instead of 286,14

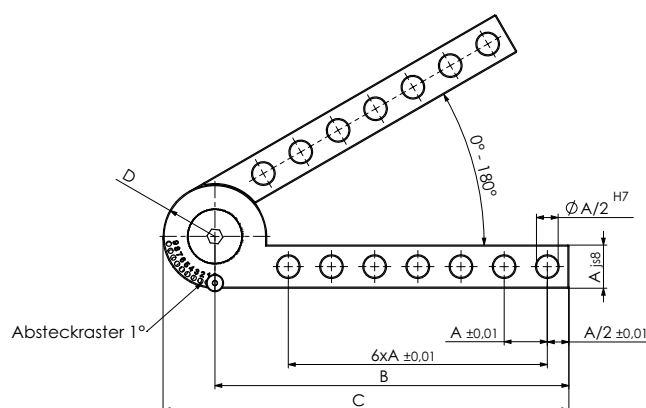
€242,26 instead of 306,66



Angle setter AF25 with vernier scale

Nr.	A	B	C	D	
295192-1	25	205	235	R30	-

€264,78 instead of 335,16





Modular Fixturing Systems



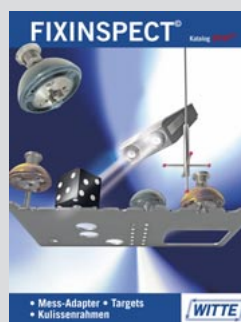
Vacuum Clamping Systems



FixBase® Loading systems Structure plates Automation



PROject Project implementation made to order



FIXINSPECT® Measuring accessories Optical / tactile systems

**Witte: Fixed on precision
whatever the means**

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