

INTELLIGENT USE OF POWER



ALLMATIC
Spannsysteme **JAKOB**

PRODUCT OVERVIEW

Typ		Jaw width mm	Max. clamp. range mm	Max. clamp.force kN	Basic body mm			Raw part	Pre-machined part	Description	Axis 3 4 5			Page
Sense	TeleSense		125	274	40	398		x	x	5-axis vice with force monitoring	x	x	x	6 - 7
	TitanSense		125 M 125 L 160	504 636 493	40 40 40	492 624 624		x x x	x x x	Integrated clamping force monitoring Process-reliable clamping with high repeatability Clamping of raw and pre-machined parts also with gripp and pull-down clamping	x x x	x x x		10 - 11
Gripp vices	TeleCentric 70 TeleCentric 100 TeleCentric 125		70 100 125	135 199 227	30 30 40	286 351 398		x x x	x x x	Centric vice Ideal for use in 5-axis machining Conventional clamping and gripp clamping possible	x x x	x x x		12 - 13
	TITAN SC		125	332	40	429		x	x	The classical universal vice for vertical 3-axis machining centres Conventional clamping and gripp clamping possible	x			14 - 15
	TITAN 2K TITAN 2M TITAN 2L TITAN 2-160		125 125 125 160	202 320 452 493	40 40 40 40	318 455 587 587		x x x x	x x x x	Can be applied horizontally or vertically – therefore suitable for vertical and horizontal CNC milling machines Conventional clamping, gripp-clamping or pull-down clamping are all possible Clamping unmachined parts, saw-cut or flame-cut material by penetration of hardened, replaceable gripper elements into the workpiece	x x x x	x x x x		16 - 17
	T-Rex		125	185	40	256		x	x	Horizontal installation Reliable and fast clamping of unmachined parts, flame - cut and sawn materials	x	x	x	18 - 19
	CentroGripp		125	195	40	329		x	x	Centric vice Repeation acuray + 0,001 mm for angled workpieces The centre is adjustable The position of the workpiece stays within set boundaries	x	x	x	20 - 21
	HD		100 125 160	162 202 302	30 40 60	520 612 717				Suitable for heavy machining work, heavy pieces and small batch sizes	x	x		22
Conventional vices	NC4		125 160	313 435	40 60	441 573			x x	Easy handling Mechanical stop for safe operation	x	x		23
	NC8		90 125 M 125 L 160 200 200 Heavy Duty	217 313 445 435 435 435	28 40 40 60 60 80	339 483 615 615 615 615			x x x x x x	Tool-less force setting with a mechanical stop for safe operation	x	x		24 - 25
	DUO 90 DUO 125		90 125	306 417	28 40	482 640			x x	For clamping two identical parts dimensional differences of up to ± 3 mm are compensated for Lateral installation is also possible	x x	x x		26
Multiple clamping	DUO Plus 125		125	240	40	633		x	x	Clamping range adjustment for clamping two workpieces of different sizes	x	x		27
	Backen													30
Allite	Zubehör													60
	Centrolite 68 K Centrolite 68 M Centrolite 125		68 68 125	103 163 164	28 28 28	130 190 190		x x x	x x x	Small centric vices with mechanical actuation	x x x	x x x		72
	CombiRail 50 CombiRail 72		50 72		16 38	200 - 700 400 - 700		x x	x x	Clamping rails for multiple clamping systems ut to a length of 700 mm	x x	x x		73

1973



„ALLMATIC has been bringing you quality, precision and flexibility since 1973“

We are specialists.

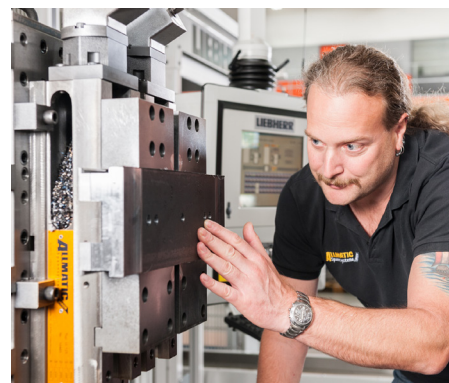
ALLMATIC is a specialist in the field of workpiece clamping systems and offers an impressive range of intelligent clamping solutions. We develop precise clamping and holding systems to the highest quality standards for demanding cutting tasks in milling and machining centres. We are the market leader in the high pressure clamping segment.

We love perfection.

The force of innovation and a passion for precision are the core of our brand. Our drive for maximum quality and reliability derives from our pursuit of perfection and fascination with new technologies. ALLMATIC is characterised by reliable products, expert support and first class service as well as fair, long-term co-operation with customers, business partners and employees.

We inspire.

Our enthusiasm for the efficiency of our products, our profound knowledge, personal support and active contribution to designing future solutions guarantee a long-term and active partnership.



ALLMATIC solutions for ...



„Individual manufacturers, series manufacturers and vocational training companies for mechanical engineering “

Individual and small series.

In the case of small and pilot series, there are often no binding production parameters - this is where multi-functional clamping systems from ALLMATIC are required, with which production processes can be flexibly organised and optimised.



Series production.

The precise positioning of workpieces with simultaneously constant clamping forces over the entire machining period - ALLMATIC manages this well with its experience. We are just as good at supporting you in the automation of your existing or new production lines within the flow process of Industry 4.0.



Training centres.

Young people understand ALLMATIC clamping systems quickly and intuitively because they are simply designed and logically structured. Trainees thus rapidly acquire important skills with regard to safe working practices and production processes.

At ALLMATIC, the customer is the main focus

We provided comprehensive services before and after purchase. With well structured information on clamping system and their possible applications as well as first class advice on special solutions. So that you receive exactly the clamping system, which is best suited to your needs.

With ALLMATIC, you also benefit after purchase. With a warranty of 2 years, a 24-hour express repair service and at least 20 years' availability of replacement parts, you are well served in the long term.

That is what customers say about ALLMATIC

“The repair service of ALLMATIC is impeccable. We once sent in a defective spindle, which Mr. Albrecht immediately took care of. It was remarkable ... although we hadn't requested an express service, we received a replacement within two days.”

Günther Reich, Production Manager at AHP Merkle GmbH, small series production

The after-sales service meets Mr Bachhofer's expectations: “The service is good”.

The reliability of ALLMATIC also impresses him: “If a spindle should break, ALLMATIC already has a new spindle in stock.”

Matthias Bachhofer, Production Manager at TRIES GmbH & Co. KG, large series production

TELESENSE 125

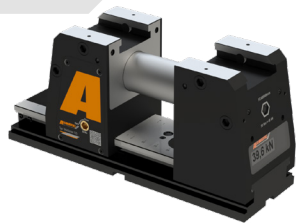
NEW

Range of application:

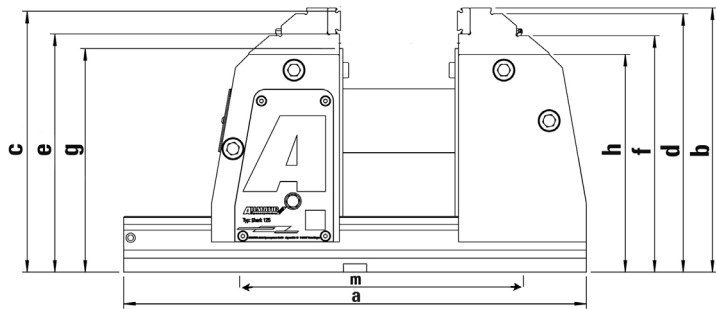
- Ideal for use on 5-axis machining centres due its optimal contour
- With integrated clamping force monitoring
- High clamping force with low use of force – 40 kN with 50 Nm due to power-transformed spindle

Product features:

- Clamping of rough and pre-machined parts (parallel, round and irregular parts) also with grip and pull-down clamping. Parts can also be clamped reliably without pre-stamping
- Maximum flexibility trough:
 - Universal quick change jaw for a variety of different setups
 - > thus reducing setup time and less force is required
 - Compatible tot he movable jaws of CentroGripp, T-Rex, NC8 and Titan 2 (adapter available)
 - Enlargement element for more clamping width
- Simple handling
 - Moving of both jaw supports, fixing one jaw side
 - Tool poor due to uniform wrench size (WS10) and identical torque for force adjustmenand locking
 - 4 threads for workpiece stop (M8)
- Simple use of the clamping force monitoring
 - Long battery life
 - Easy & quick battery change with standard batteries



TECHNICAL INFORMATION

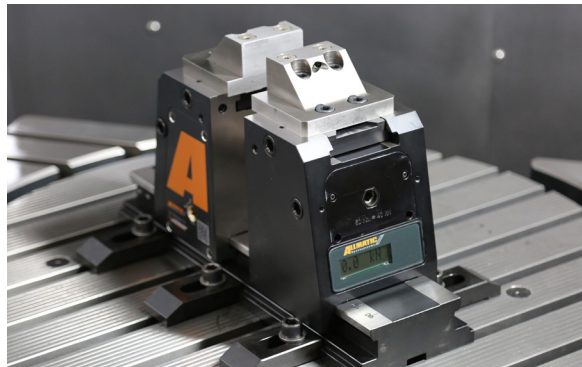
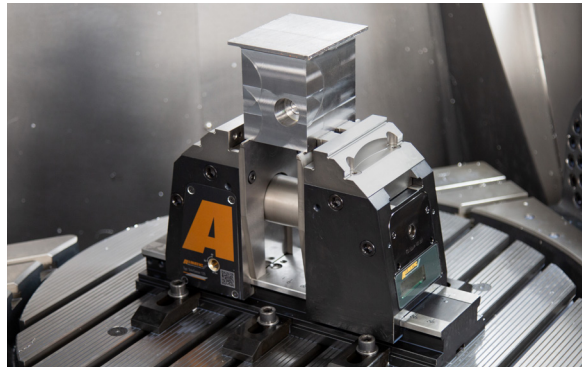


TeleSense / Size	125	125 Connect	125 Compact
Art.No.	6921868000055	6921868000066	6921868010055
Raw part machining	x	x	x
Pre-machined part	x	x	x
Integrated clamping force monitoring	*	x	
Clamping range max. with universal quick change jaw	mm	199	
Clamping range max. with quick change step jaw	mm	187	
Clamping rage max. with universal quick change jaw and spindle extension 75 mm	mm	274	
Torque	Nm	50	
Clamping force max.	kN	40	
Weight	kg	38,5	35,5
a	mm	398	
b	mm	227	
c	mm	224	
d	mm	222	
e	mm	204,5	
f	mm	203	
g	mm	192 - 217	
h	mm	187	165
m	mm	200	

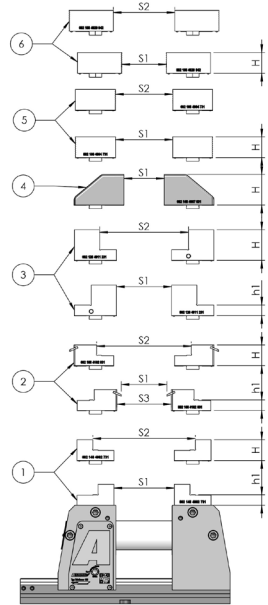
Suitable accessories

	125	125 Connect	125 Compact
Side clamps	Art.No.	6921865000031	
Torque wrench 10-60 Nm	Art.No.	0651114113188	
Hand crank	Art.No.	6921865508131	
Workpiece stop	Art.No.	6921285650144	
Workpiece stop	Art.No.	6921685670042	
Workpiece stop	Art.No.	6921525650031	
Workpiece stop magnetic	Art.No.	6921525650131	
Revolvable eye bolt M8	Art.No.	8027020008103	
Battery 1/2 AA	Art.No.	6963003005031	

* Can be retrofitted on request

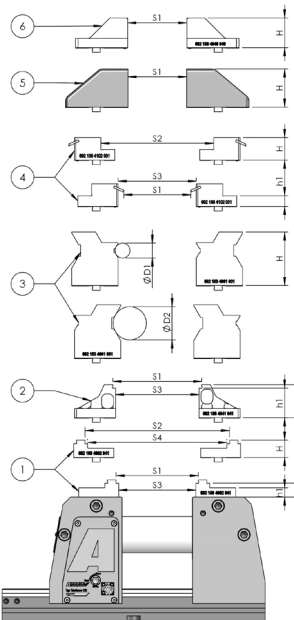


Backensortiment/jaw range
für/for Adapter NC8/Titan2 (6921861070031)
glatte Backen/smooth jaws

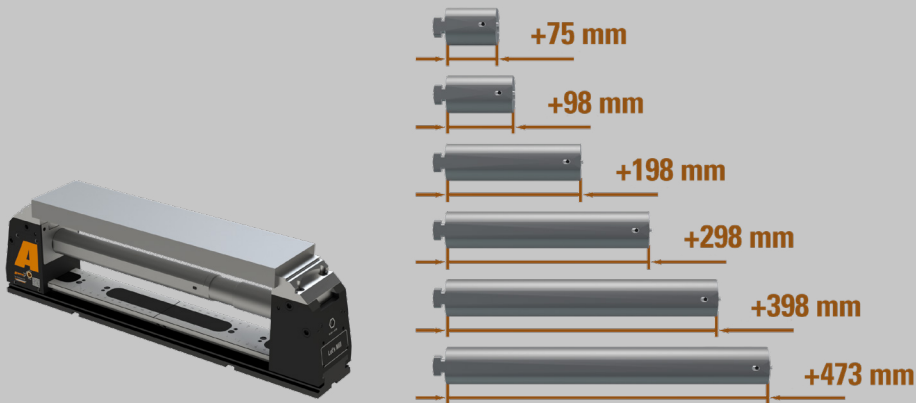
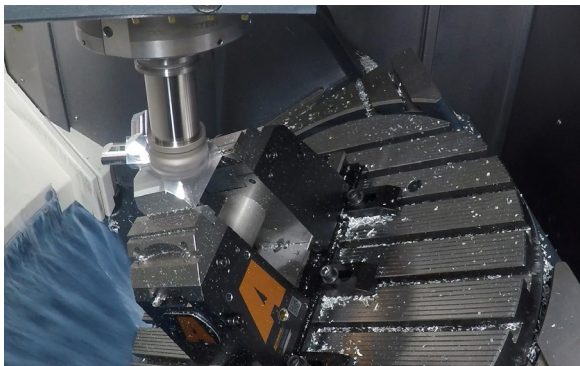
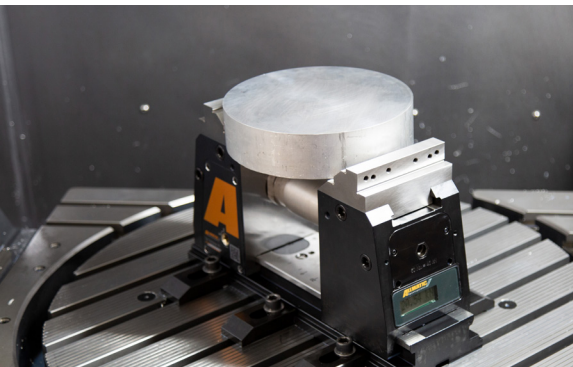


Nr.	Bezeichnung/Name	Art. Nr.	S1	S2	S3	H	h1	h2
①	Stufenbacke mobil	6921484002731	9,5-114,5	89,5-194,5		39,5	20	
②	Niederzugbacke mobil	6921684102031	0-86	74,5-179,5	2,5-103,5	39,5	20	
③	Adapterbacke mobil	6921284011231	0-104,5	63,5-168,5		58	20	
④	Weiche Backe mobil	6921484087031	0-76,5			58		
⑤	Harte Grundbacke mobil	6921684004731	2-108,5	2-108,5		39,5		
⑥	Pendelbacke mobil	6921684020042	0-84,5	10-116,5		39,5		

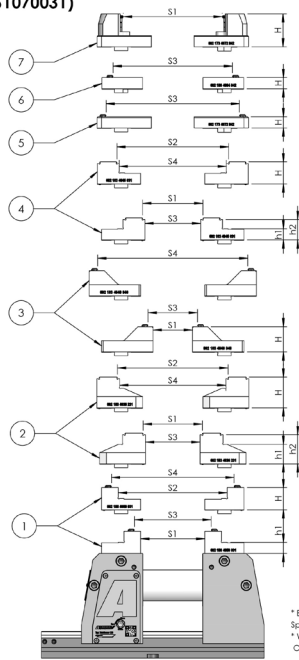
Backensortiment/jaw range
für/for Adapter CentroGripp/T-Rex (6921861071031)
glatte Backen/smooth jaws



Nr.	Bezeichnung/Name	Art. Nr.	S1	S2	S3	S4	H	h1	h2	D1	D2
①	Stufenbacke mobil HM-beschichtet	6921884002041	19,5-124,5	113,5-218,5	11,5-116,5	105,5-210,5	26	16	21		
②	Backe breitenreduziert 20 mm mobil	6921884041041	29,5-134,5		21,5-126,5		50	44,98			
③	Prismenbacke horizontal mobil	6921534001031					81			Ø17-42	Ø38-104
④	Universal Niederzugbacke mobil	6921884102031	0-101,2	65,5-170,5	13,5-118,5		34	16			
⑤	Weiche Backe mobil	6921534087031	0-88,5				58				
⑥	Backe breitenreduziert 64 mm mobil	6921884040040	0-89,5				45				



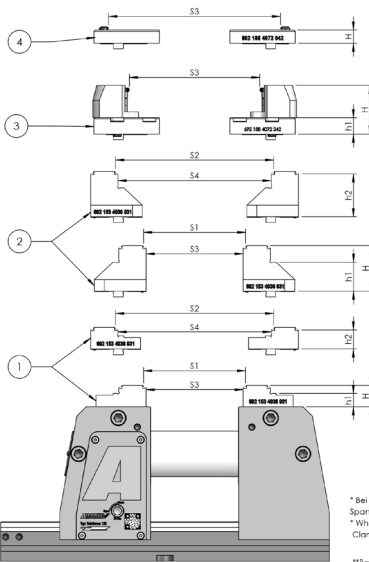
Backensortiment/jaw range
für/for NC8/Titan2 (6921861070031)
Grippbacken/gripp-jaws



* Bei Verwendung Grippsatz 2-Spitze h6.7
Spannweiten variieren je nach Grippsatz
* When using Gripp-stud 2-spoke h6.7
Clamping ranges depending on Gripp-studs

Nr.	Bezeichnung/Name	Art. Nr.	S1	S2	S3*	S4*	S1 Ø*	S2 Ø*	H	h1	h2
①	Stufenbacke mobil für Grippsätze	6921884050031	9,5-114,5	89,5-222,5	114,5-219		88-145	88-221	39,5	20	
②	Backe 64 mm mit Grippreihe mobil	6921834036231	8-105,5	92,5-197,5	84,5-198,5				55	35	52
③	Backen breitflächreduziert 64 mm mobil für Grippsätze	6921834040040	0-70,5	0-99,5	161-268				45		
④	Grippbacke mobil mit integrierter Grippreihe	6921834045031	8-107,5	94,5-199,5	86,5-191,5				39,5	20	36,5
⑤	Trägerbacke mobil, pendel	6921734072842					70-270		20		
⑥	Trägerbacke mobil, starr	6921884004842					70-215		20		
⑦	Trägerbacke mobil, pendel Trägerbacke mobil, Universal-GRIFF	6921734072842 6921734072942 6921884027031	27-172 27-172 270-210						59		

Backensortiment/jaw range
für/for Adapter CentroGripp/T-Rex (6921861071031)
Grippbacken/gripp-jaws

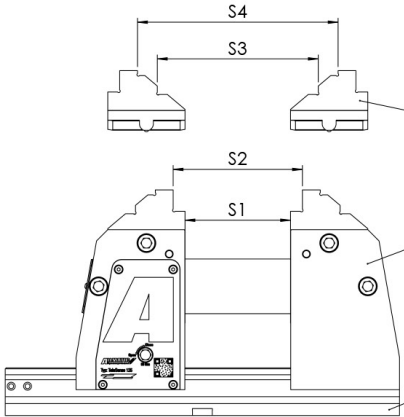


* Bei Verwendung Grippsatz 2-Spitze h6.7
Spannweiten variieren je nach Grippsatz
* When using Gripp-stud 2-spoke h6.7
Clamping ranges depending on Gripp-stud
** Bei Verwendung von Universal Grippset
** When using universal gripper set

Nr.	Bezeichnung/Name	Art. Nr.	S1	S2	S3	S4	H	h1	h2
①	Grippbacke mit Grippreihe mobil	6921534036931	18,5-123,5	86,5-191,5	12,5-117,5	80,5-185,5	26	16	23
②	Backe 64mm mit Grippreihe mobil	6921534036031	18,5-123,5	86,5-191,5	12,5-117,5	80,5-185,5	55	35	52
③	Trägerbacke für Universal Grippset mobil, pendel	6921884072242			**0-157		59	20	
④	Trägerbacke für Grippsätze mobil, pendel	6921884072042			**27-208		16		

TeleSense - Modular

Nr.: 692 186 8000 055
Stand: 10.10.2024
Änderung vorbehalten
Alle Schutzvermerke ISO 16016 beachten



Spannbacke	Bestellnummer
Universalbacke	692 186 4001 031

Schraubstock	Bestellnummer
TeleSense 125	692 186 6000 055
TeleSense 125 Connect	692 186 6000 066
TeleSense 125 Compact	692 186 6010 055

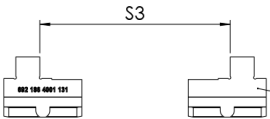
Unterteil (mm)	Bestellnummer
398	692 186 1000 055
498	692 186 1000 555
598	692 186 1000 655

Spannweitenverlängerung (mm)	S1	S2	S3	S4	Mindestlänge Unterteil (mm)
0	0 - 103	27 - 127	59 - 159	99 - 199	398
75	78 - 178	102 - 202	134 - 234	174 - 274	398
98	101 - 201	125 - 225	157 - 257	197 - 297	498
75+98	176 - 276	200 - 300	232 - 332	272 - 372	498
198	201 - 301	225 - 325	257 - 357	297 - 397	598
75+198	276 - 376	300 - 400	332 - 432	372 - 472	598
298	301 - 401	325 - 425	357 - 457	397 - 497	2x 398
398	401 - 501	425 - 525	457 - 557	497 - 597	2x 398
473	476 - 576	500 - 600	532 - 632	572 - 672	2x 398

Spannweitenverlängerung (mm)	Bestellnummer
75	692 286 1002 055
98	692 286 1002 155
198	692 286 1002 255
298	692 286 1002 355
398	692 286 1002 455
498	692 286 1002 555

TeleSense - Modular

Nr.: 692 186 8000 055
Stand: 15.11.2024
Änderung vorbehalten
Alle Schutzvermerke ISO 16016 beachten



Spannbacke	Bestellnummer
Stufenbacke	692 186 4001 131

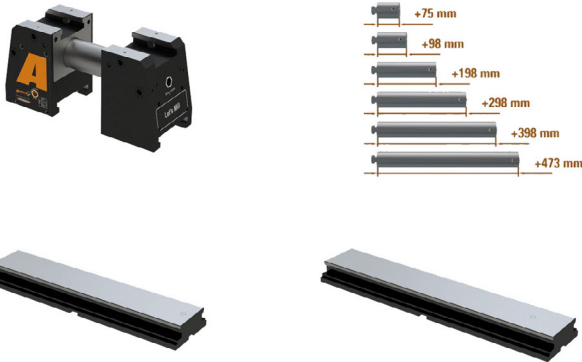
Schraubstock	Bestellnummer
TeleSense 125	692 186 6000 055
TeleSense 125 Connect	692 186 6000 066
TeleSense 125 Compact	692 186 6010 055

Unterteil (mm)	Bestellnummer
398	692 186 1000 055
498	692 186 1000 555
598	692 186 1000 655

Spannweitenverlängerung (mm)	S1	S2	S3	Mindestlänge Unterteil (mm)
0	0 - 103	27 - 127	87 - 187	398
75	78 - 178	102 - 202	162 - 262	398
98	101 - 201	125 - 225	185 - 285	498
75+98	176 - 276	200 - 300	260 - 360	498
198	201 - 301	225 - 325	285 - 385	598
75+198	276 - 376	300 - 400	360 - 460	598
298	301 - 401	325 - 425	385 - 485	2x 398
398	401 - 501	425 - 525	485 - 585	2x 398
473	476 - 576	500 - 600	560 - 660	2x 398

Spannweitenverlängerung (mm)	Bestellnummer
75	692 286 1002 055
98	692 286 1002 155
198	692 286 1002 255
298	692 286 1002 355
398	692 286 1002 455
498	692 286 1002 555

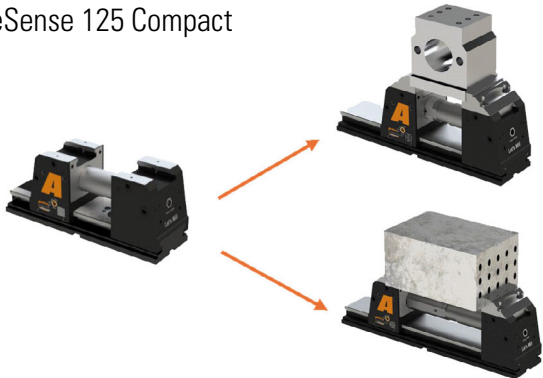
Modularity TeleSense



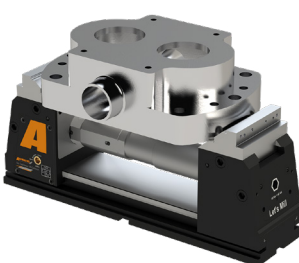
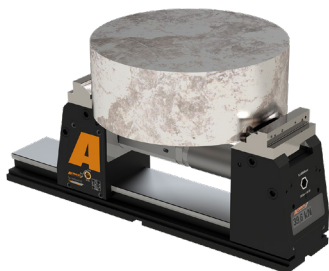
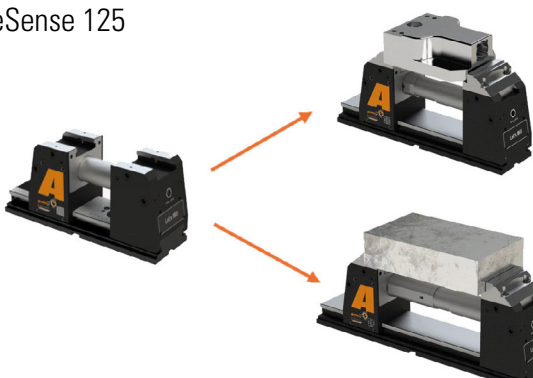
TeleSense 125 Connect



TeleSense 125 Compact



TeleSense 125



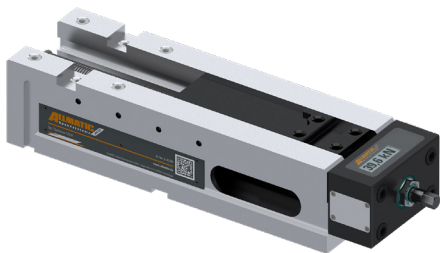
TITANSENSE 125

Short description:

- Integrated clamping force monitoring. Monitor clamping force while machining
- Process-reliable clamping with high repeatability
- Horizontal and vertical installation. Ideal for 3- and 4-axis machines
- Clamping of raw and pre-machined parts (parallel, round and irregular parts) also with gripp and pull-down clamping.

Product features:

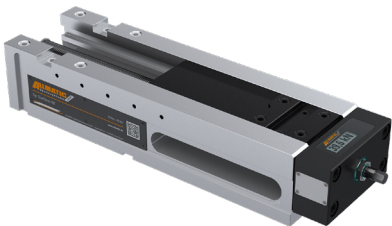
- Maximum safety:
 - Monitoring of the clamping force during clamping and machining due to integrated, electronic measuring system. Readout directly on display and via wireless transmission to terminal device (via Bluetooth BLE)
 - Encapsulated spindle with force amplifier (IP65). Torque of max. 30 Nm for 40 kN clamping force
 - Operation via torque wrench
- Flexible use:
 - All jaws of the Titan2/NC8 series can be used
 - Jaws reversible
 - Unmachined parts in highly varied materials or with complex geometries, can be clamped securely. Different gripp-studs for materials up to approx. 1400 N/mm² strength
 - Quick change for attachment jaws and parallels
 - Titan2 spindle can also be used without monitoring
 - Holes for workpiece stop and extension
 - Sides are ground
 - Bottom side with alignment grooves and locating holes Ø 25H6 M10 for zero-point clamping systems, inside micrometre 200 mm ± 0,01 mm
- Simple use of the clamping force monitoring:
 - Clamping force can be recorded with all compatible jaws, as the measuring unit is in the spindle
 - Transmission range up to 20 m
 - Long battery life
 - Easy & quick battery change with standard batteries
 - Display robust and splash-proof
 - Operating temperature between 10° C and 40° C
 - Individual QR code for fast access to technical information, accessories, spare parts and service



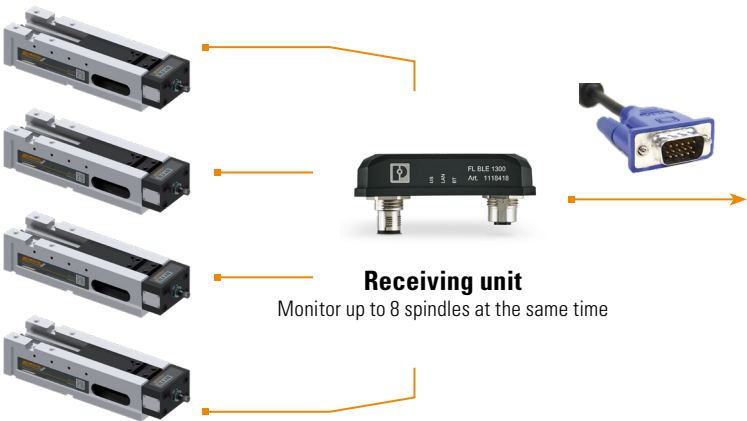
TitanSense 125 M



TitanSense 125 L



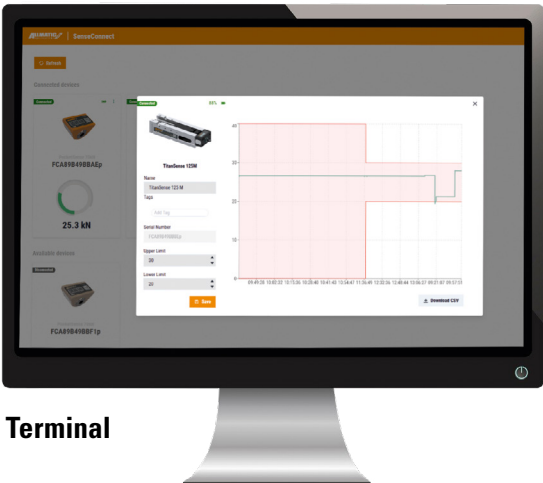
TitanSense 160



Receiving unit

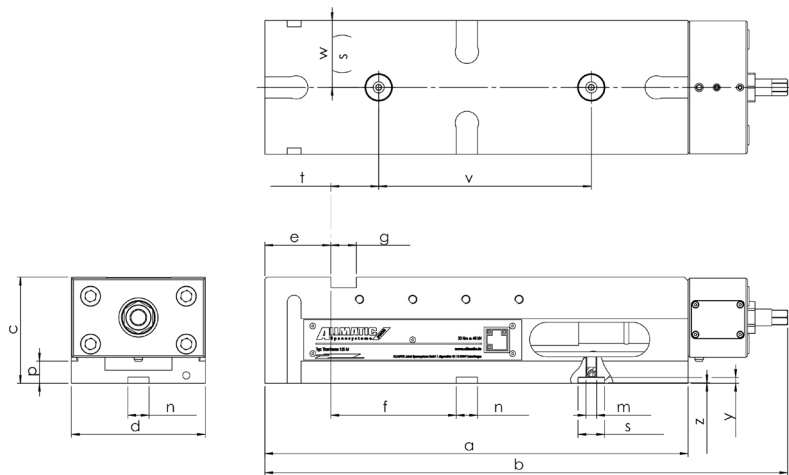
Monitor up to 8 spindles at the same time

Transmitting unit



Terminal

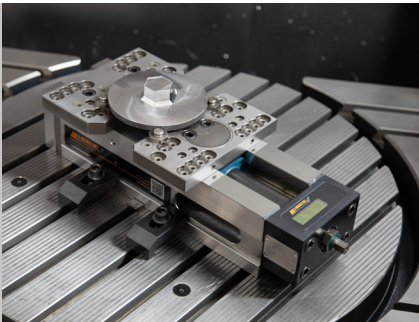
TECHNICAL INFORMATION



TitanSense / Size	125 M	125 L	160
Art.No.	6921838000866	6921838000166	6921848000166
Raw part machining	x	x	x
Pre-machined part	x	x	x
Clamping range maximal	mm 313	452	435
Torque	Nm 30	30	30
Clamping force max.	kN 40	40	40
Mounting holes	mm x		
Weight	kg 35	40	52
a	mm 398	530	530
b	mm 492	624	624
c	mm 100	100	115
d	mm 126	126	164
e	mm 21	21	21
f	mm 118	216	164
g	mm 24 H8	24 H8	30 H8
m	mm M10		
n	mm 20 H7	20 H7	20 H7
s	mm Ø 25		
t	mm 45		
v	mm 200		
w	mm 63		
y	mm 5,5		
z	mm 0,5x45°		

Suitable accessories

	125 M	125 L	160
Side clamps	Art.No. 6921025000031		
DUO Side clamps	Art.No. 6921285000031		
Torque wrench	Art.No. 0651114113188		
Clamping range enlargement	Art.No. 6921685008055		6921705008055
Console	Art.No. 6921885010042		
Workpiece stop	Art.No. 6921285650144		
Workpiece stop	Art.No. 6921685670042		
Revolvable eye bolt M8	Art.No. 8027020008103		
Battery 1/2 AA	Art.No. 6963003002031		



TITANSense 125

Integrated clamping force monitoring.
Monitor clamping force while machining

Power - intelligently used

- + Integrated wireless clamping force monitoring
- + High clamping force with low force application

TELECENTRIC

Range of application:

- Ideal for use in 5-axis machining
- Centric vice
- Conventional clamping and Gripp clamping possible

Product features:

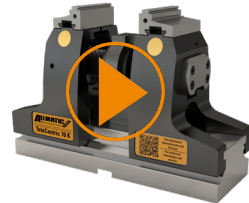
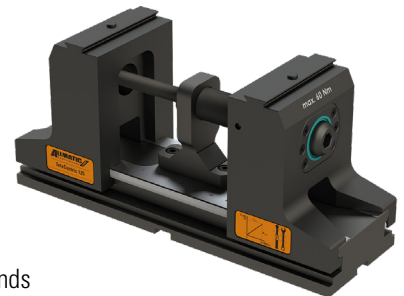
- Clamping force 40 kN at 60 Nm linear
- Telescopic spindle, interference contour remains unchanged
- Central, simple programming without zero point offset
- Accessibility of the workpiece depends on the chuck capacity
- Symmetrical construction shape = workpiece remains central and parallel
- Support height of the workpiece TeleCentric 70/100: 192 mm
- Support height of the workpiece TeleCentric 125: 202 mm
- Quick change jaw system, tool-free jaw change due to quick-action closure within 10 seconds per jaw pair

TeleCentric 70/100:

- Reversible jaws: for clamping range of 37 mm to 199 mm
- The use of a clamping range adapter reduces the minimum clamping range from 37 to 12 mm

TeleCentric 125:

- Reversible jaws: for clamping range of 44 mm to 227 mm
- The use of a clamping range adapter reduces the minimum clamping range from 44 to 11 mm
- Constant clamping force via low-maintenance telescopic spindle
- Provided as standard with locating holes for a zero-point clamping system, inside micrometer 200 mm
- Integrated scaling for fine adjustment of the central position
- Operation with torque wrench

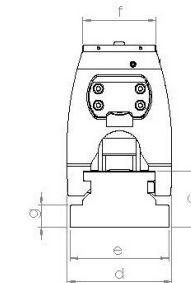
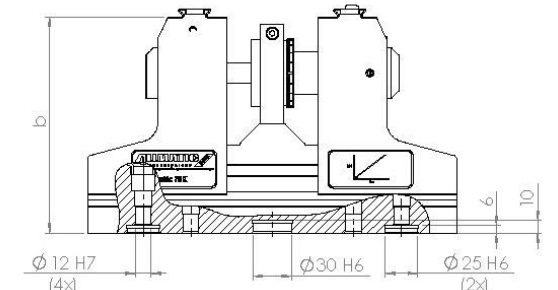
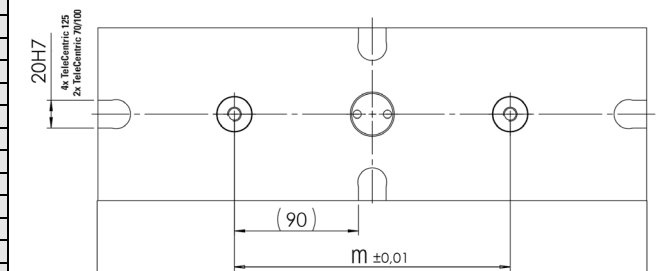


TECHNICAL INFORMATION

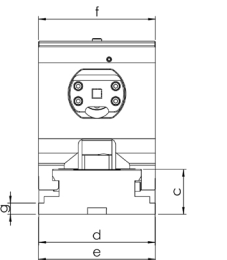
TeleCentric / Size	70	100	125
Art.No.	6921548000055	6921568000055	6921558000155
Raw part machining	x	x	x
Pre-machined part	x	x	x
Clamping range max.	mm 142	207	244
Clamping range	mm 9 - 135	42 - 200	42 - 235
Torque	Nm 45	45	60
Clamping force max.	kN 30	30	40
Weight	kg 17,5	22,6	35
a	mm 286	351	398
b	mm 168,9	168,9	178,9
c	mm 54	54	48
d	mm 100	100	124,4
e	mm 94	94	125
f	mm 70	100	125
g	mm 21	21	12
m	mm 200	200	200

Suitable accessories

	70	100	125
Side clamps	Art.No. 6921025000031	6921865000031	
Torque wrench 10-60 Nm	Art.No. 0651114113188		
Torque wrench 20-120 Nm	Art.No. 0651114113153		
Hand crank for pre-adjustment WAF14	Art.No. 6921545508031	6921865508131	
Clamping range adapter	Art.No. 6921565008042	6921555008042	
Workstop piece	Art.No. 6921525650031	6921285650144	
Workstop piece	Art.No. 6921525650131	6921685670042	



TeleCentric 70/100

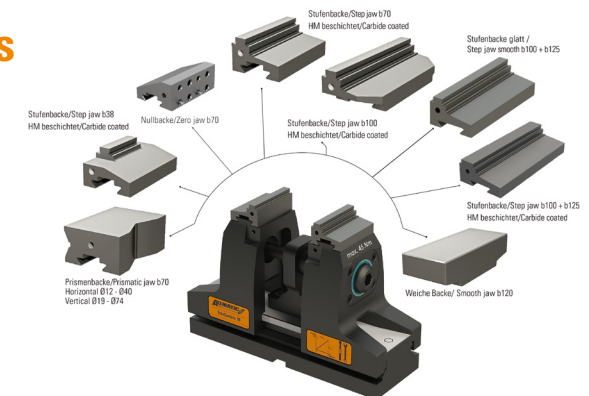


TeleCentric 125

For small and medium-sized machine tables

In conventional clamping, parallel, pre-machined workpieces and materials are clamped. Generally, the conventional method is used for the second clamping procedure or for workpieces with a parallel error of up to 0,05 mm. The optimum table size is 280-400 mm.

This image shows a versatile jaw assortment, which is suitable for pre-machined workpieces.



5-axis vice with GRIPP

For GRIPP clamping, unmachined, non-parallel parts or raw materials are used.

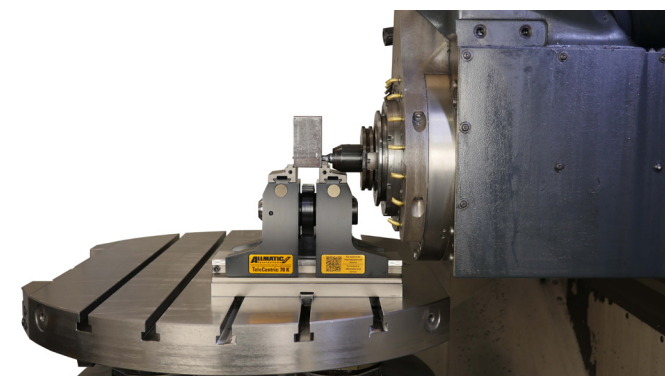
Pre-machined workpieces:

- Suitable for material strength of up to 1.000 N/mm²

Raw materials:

- Suitable for material strength of up to 550 N/mm²
- Error in parallelism up to 0,3 mm

With the jaw systems, you can clamp parallel workpieces safely and quickly. Stamping and clamping happens in one process.



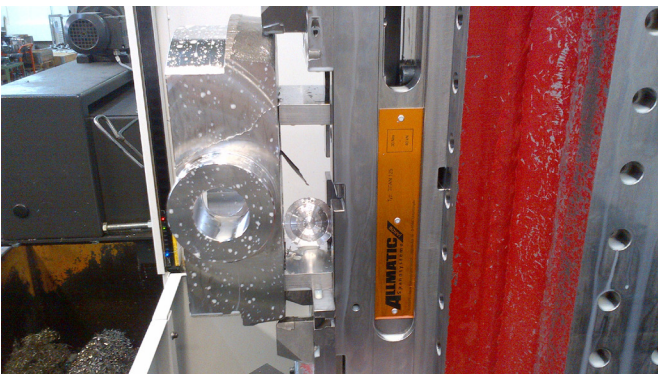
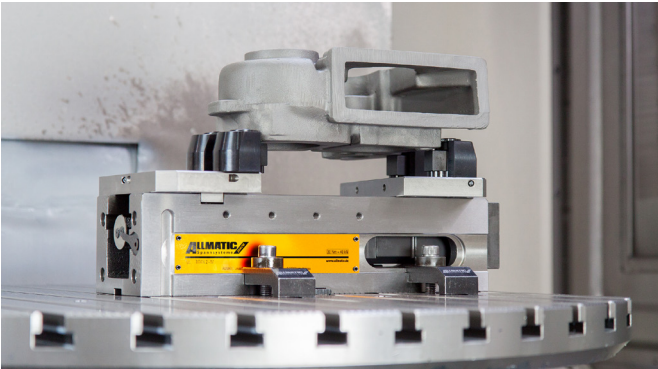
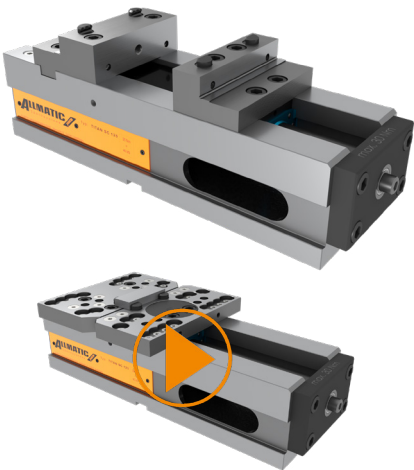
TITAN SC 125

Range of application:

- The classical, universal vice, for vertical 3 axis machining centres
- Conventional clamping and gripp clamping possible
- Clamping of raw parts, flame and saw cuts by penetrating hardened and interchangeable gripp elements into the workpiece
- With the support jaws, unmachined parts in highly varied materials, or with complex geometries, can be clamped securely and economically. Gripping studs suitable for materials up to approx. 1.400 N/mm² strength, depending on accessories.

Product features:

- Standard with locating holes $\varnothing$ 25H6 M10 for zero-point clamping systems; inside micrometre 200 mm $\pm$ 0.01 mm
- With grounded jaws, the TITAN SC 125 has the precision, which is necessary for machining workpieces
- Fully enclosed gripp spindle for clamping and forming raw material
- The high-pressure spindle, with a mechanical force amplifier (using the torque wrench), allows you to work and clamp to a table
- Stable GJS60 body, grounded top and bottom
- Double-sided M8 thread for workpiece stop
- Precise tracks in the grounded surface of the soles for optimum alignment on the machining table
- Click-quick-change system for attaching jaws and click parallels

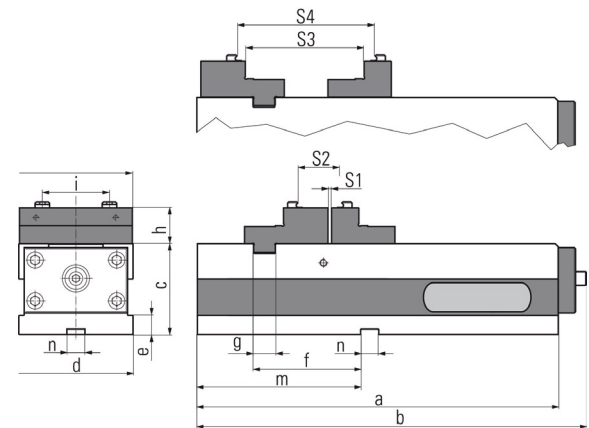


TECHNICAL INFORMATION

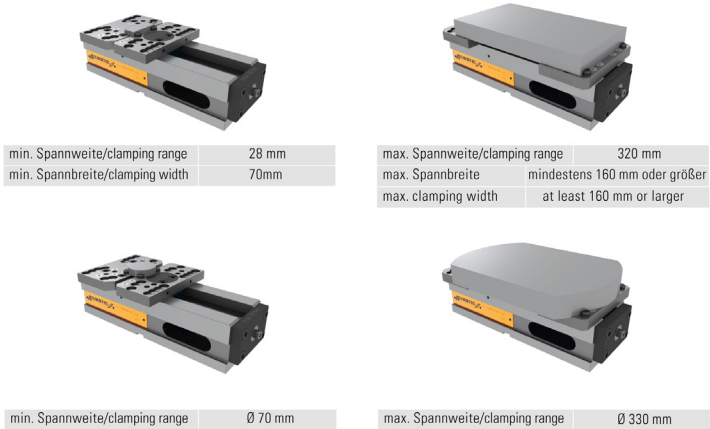
TITAN SC 125 / Size	125
Art.No.	6921888010755
Raw part machining	x
Pre-machined part	x
Clamping range max.	mm 332
Clamping range S1 min.	mm 0 - 182
Clamping range S2 min.	mm 52 - 224
Clamping range S3 min.	mm 131 - 313
Clamping range S4 min.	mm 160 - 332
Torque max.	Nm 30
Clamping force max.	kN 40
Weight	kg 35
a min.	mm 520
a max.	mm 682
a	mm 398
b	mm 429
c	mm 100
d	mm 126
e	mm 21
f	mm 118
g	mm 24
h	mm 39,5
i	mm 74
k	mm 124,4
m	mm 180
n	mm 20

Suitable accessories

	125
Side clamps	Art.No. 6921025000031
DUO Side clamps	Art.No. 6921285000031
Torque wrench	Art.No. 0651114113188
Console	Art.No. 6921885010042
Workstop piece	Art.No. 6921285650144
Workstop piece	Art.No. 6921685670042
Revolvable eye bolt M8	Art.No. 8027020008103



Trägerbacken mit Grippeinsätzen/Support jaws with gripper studs

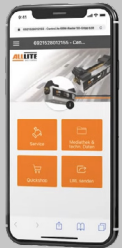


Trägerbacken mit Universal Grippset/Support jaws with universal gripper set



SERVICE-APP

All new models are also equipped with a QR code. You can thus access operating instructions, technical data sheets and CAD drawings conveniently via your smart phone or tablet. Your service app also contains a fast link to replacement parts and accessories as well as direct registration of service cases for your device.



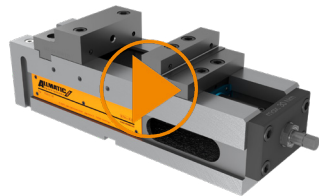
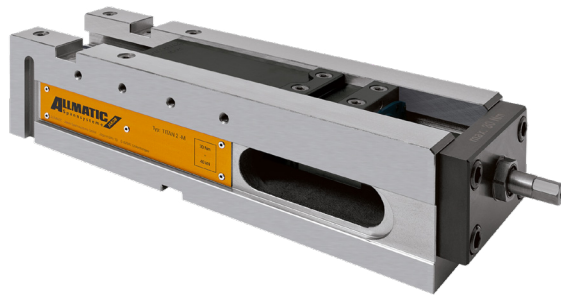
TITAN 2

Range of application:

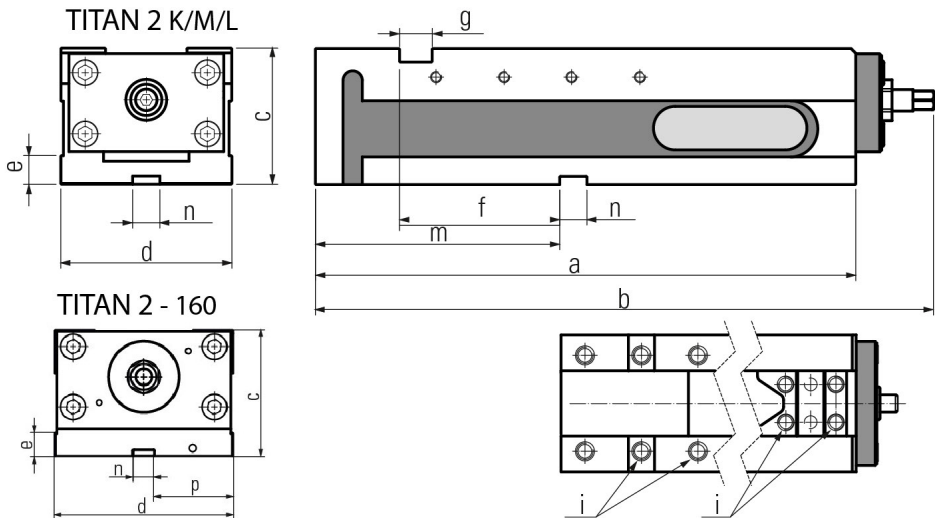
- Can be applied horizontally or vertically – therefore suitable for vertical and horizontal CNC milling machines
- Conventional clamping, gripp clamping or pull-down clamping are all possible
- Clamping unmachined parts, saw cut or flame-cut material by penetration of hardened, replaceable gripp elements into the workpiece
- With the support jaws, unmachined parts in highly varied materials, or with complex geometries, can be clamped securely and economically. Gripp-studs suitable for materials up to approx. 1.400 N/mm² strength, depending on accessories

Product features:

- Standard with locating holes $\varnothing$ 25H6 M10 for zero-point clamping systems; inside micrometre 200 mm $\pm$ 0.01 mm (Titan 2K & M)
- High versatility – the modular clamping system combines practically all the possibilities of our tried-and-tested models
- The TITAN 2 is ground and polished on all sides
- High-pressure spindle with force amplifier. Clamping force does not slacken
- Enlarged clamping span for secure clamping of unmachined parts
- Lost clamping margin 8 mm with pull-down, 3 mm with GRIPP
- Clamping near to neutral axis
- Clamping jaws of forerunner are compatible



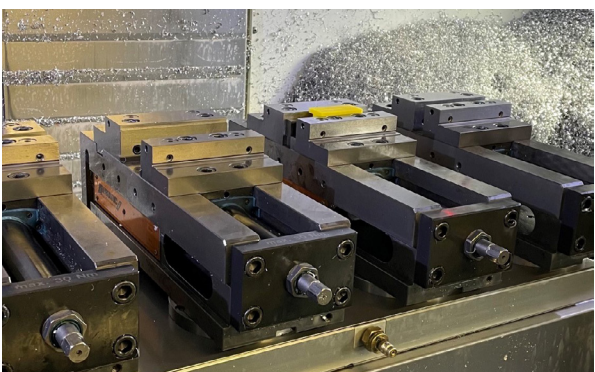
TECHNICAL INFORMATION



TITAN 2 / Size	125 K	125 M	125 L	160	
Art.No.	6921738000055	6921838000755	6921838000055	6921848000055	
Raw part machining	x	x	x	x	
Pre-machined part	x	x	x	x	
Clamping range maximal	mm	195	313	445	493
Torque	Nm	30	30	30	30
Clamping force max.	kN	40	40	40	40
Mounting holes	mm	200	200		
Weight	kg	22	30	38	68
a	mm	280	398	530	530
b	mm	318	455	587	615
c	mm	100	100	100	115
d	mm	126	126	126	164
e	mm	21	21	21	21
f	mm	77	118	216	164
g	mm	24	24	24	30
m	mm	139	180	278	234
n	mm	20	20	20	20
i	mm	M12	M12	M12	M16
p	mm			176	72

Suitable accessories

		125 K	125 M	125 L	160
Side clamps	Art.No.	6921025000031			
DUO Side clamps	Art.No.	6921285000031			
Torque wrench	Art.No.	0651114113188			
Clamping range enlargement	Art.No.	6921685008055			6921705008055
Console	Art.No.	6921735011042	6921885010042		
Workpiece stop	Art.No.	6921285650144			
Workpiece stop	Art.No.	6921685670042			
Revolvable eye bolt M8	Art.No.	8027020008103			



Configure your tombstone with our TITAN 2M and TITAN 2-160!

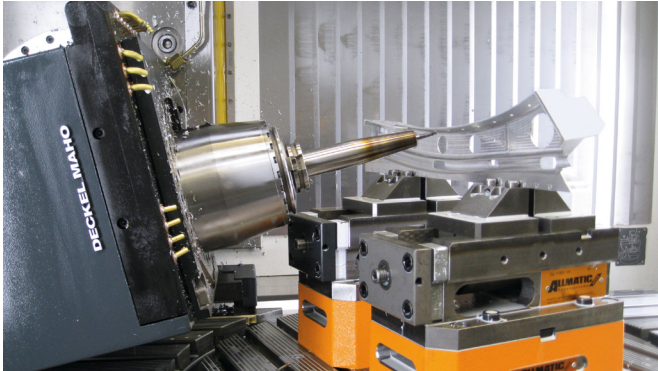
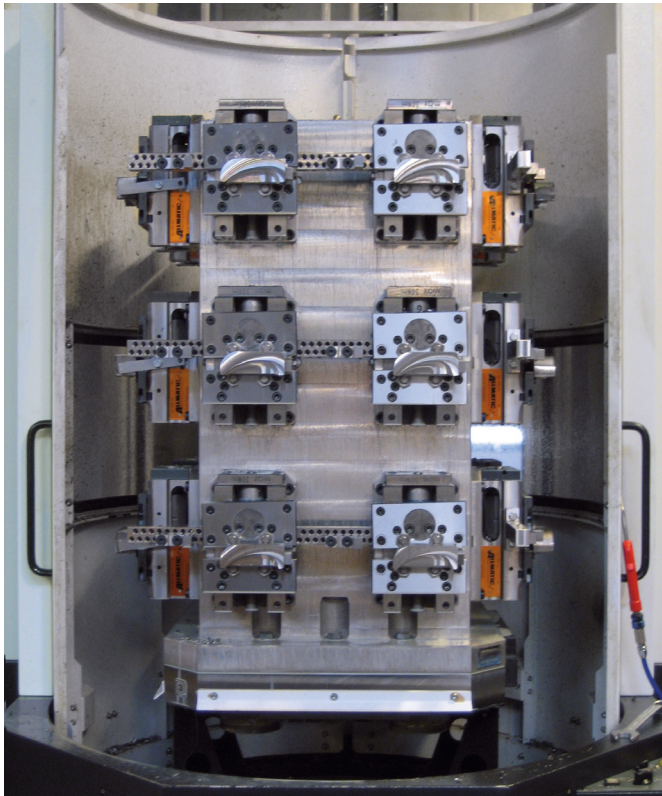
www.allmatic.de/tombstone

Range of application:

- Horizontal installation – suitable for vertical CNC-controlled milling machines
- Ideal for use on 5-axis machining centres
- Reliable and fast clamping of unmachined parts, flame-cut and saw-cut materials with gripp jaws
- Clamping of parallel pre-machined workpieces with optional step jaws
- Gripp studs suitable for materials with a strength of up to approx. 1.400 N/mm², depending on accessoires

Product features:

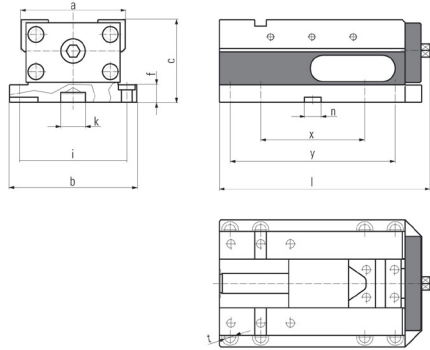
- Standard with locating holes ø 25H6 M10 for zero-point clamping systems; inside micrometre 200 mm ± 0.01 mm
- Optimum accessibility for 5-sided machining thanks to the combination of compact base and large clamping width
- Stamping and clamping in a single process, in the working area itself, without any additional accessories
- The movable/pivot support jaw allows different workpiece contours to be clamped
- Gripp studs can be changed without tools and are easy to adjust by hand
- High-pressure spindle with force amplifier
- Fixing via the hole grid on both sides or with side clamps
- Standard with mounting holes



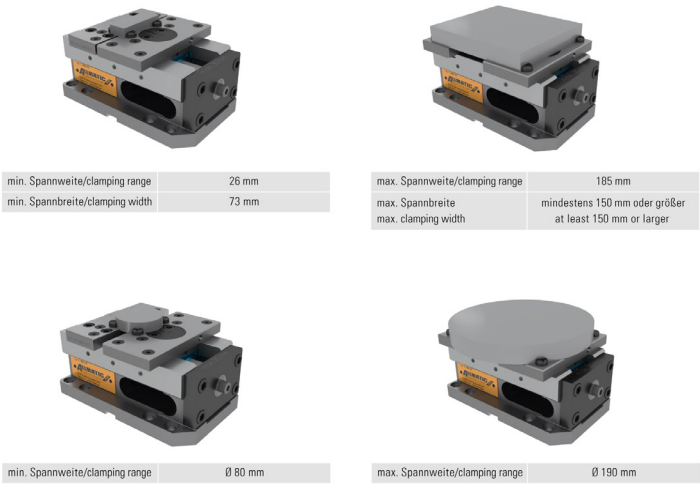
T-Rex / Size	125
Art.No.	6921888000155
Raw part machining	x
Pre-machined part	x
Clamping range max.	mm 208
Torque	Nm 30
Clamping force max.	kN 40
Weight	kg 18
a	mm 126
b	mm 154
c	mm 100
f	mm 21
i	mm 130
k	mm Ø30 H8
l	mm 256
n	mm 20H7
t	mm Ø13
x	mm 127
y	mm 200

Suitable accessories

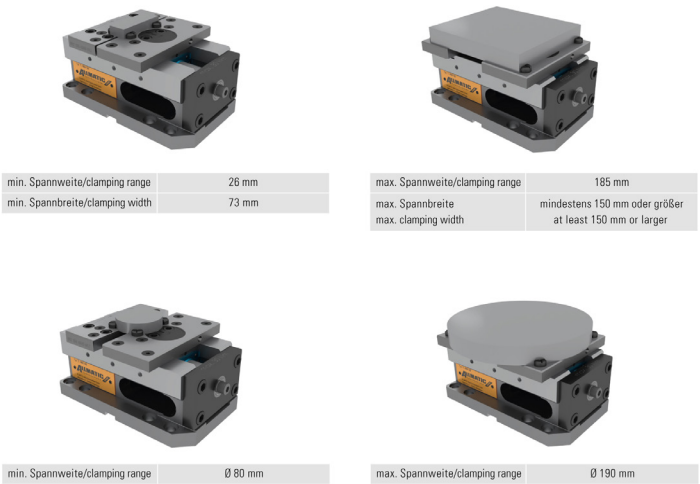
	125
Side clamps	Art.No. 6921025000031
Torque wrench	Art.No. 0651114113188
Console	Art.No. 6921885009042
Workpiece stop	Art.No. 6921285650144
Workpiece stop	Art.No. 6921685670042
Revolvable eye bolt M8	Art.No. 8027020008103



Trägerbacken mit Grippeinsätzen/Support jaws with gripper studs T-REX



Trägerbacken mit Grippeinsätzen/Support jaws with gripper studs T-REX



INTUITIVE, CLEVER AND EASY CLAMPING

The Allmatic GRIPP technology is a safe way of clamping complex, irregularly shaped workpieces. The “GRIPP teeth” bite into the material of the blank up to a depth of 1 mm. This ensures optimum form closure between the workpiece and the jaws. In the case of steel, for example, this generates a holding force of approximately 40 kN transverse to the clamping force. As a comparison... with smooth clamping surfaces, transverse forces can usually not be greater than 6 kN.

Our GRIPP technology combines with the wide range of standard Gripp jaws can dramatically reduce set-up time and material costs. You can clamp without the need for costly and time consuming pre-stamping, and complete the first and second milling process with only one pair of jaws. The clamping edge loss can be reduced to 3mm, thus optimising material costs.

The operation of our vices is intuitive, safe and ergonomic. The mechanical force amplifier ensures a clamping force of at least 40 kN by only 30 Nm torque. The quick and easy positioning of our vices is guaranteed thanks to the standard fixture bores for zero-point clamping systems.

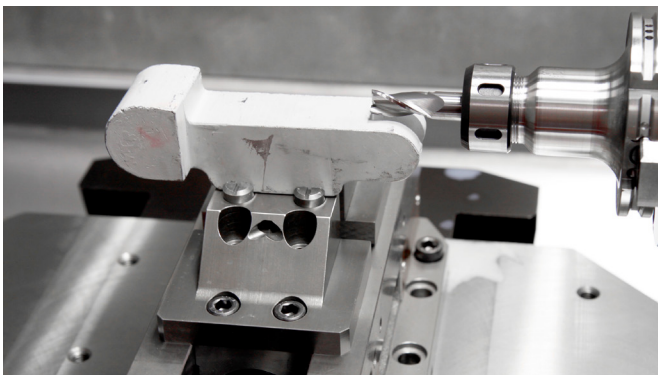
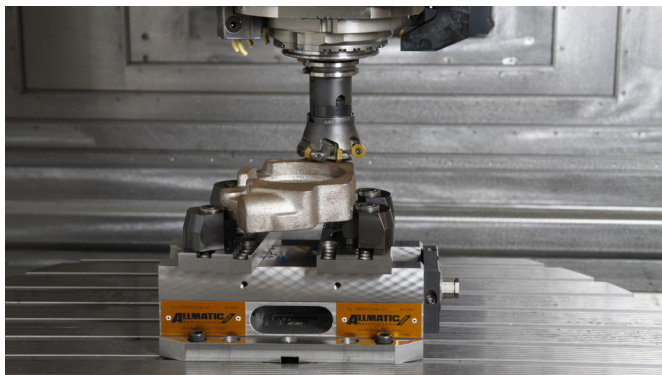
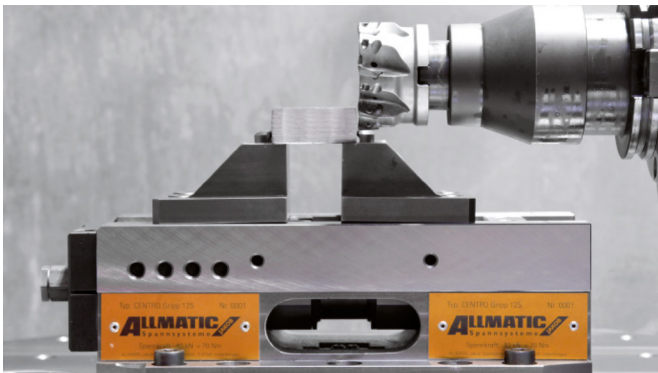
CENTRO GRIPP

Range of application:

- Centric vice
- Horizontal installation – suitable for vertical CNC-controlled milling machines
- Ideal for use on 5-axis machining centres due to its compact design
- Depending on the clamping jaws, both pre-machined workpieces and unmachined parts can be clamped
- With support jaws, unmachined parts with varying types of flame-cut and sawn materials and even complex castings can be clamped safely and economically. Gripp studs suitable for materials of mechanical strength of up to approx. 1.000 N/mm²

Product features:

- Standard with locating holes $\varnothing$ 25H6 M10 for zero-point clamping systems; inside micrometre 200 mm $\pm$ 0.01 mm
- The centre is adjustable. The position of the workpiece stays within set boundaries
- Repeating accuracy for rectangular workpieces $\pm$ 1/100 mm
- Guides ground, polished and paired
- Clamping range presetting via adjustment of clamping jaws along transverse slots of spindle nuts
- Moulding and clamping in a single step, directly in the work area - no auxiliary aids required
- Use with a torque wrench - max. 70 Nm
- Fully enclosed and maintenance-free high-pressure spindle – high chip protection, minimum cleaning requirements, constant clamping forces up to 40 kN
- Fixing via the hole grid on both sides or alternative with side clamps
- Standard with mounting holes

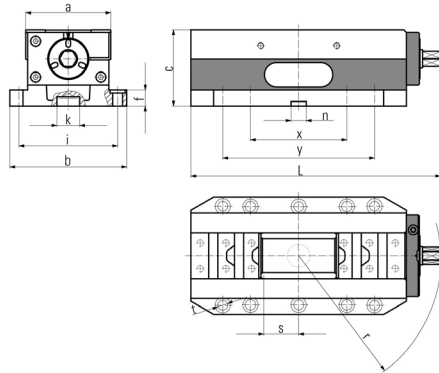


TECHNICAL INFORMATION

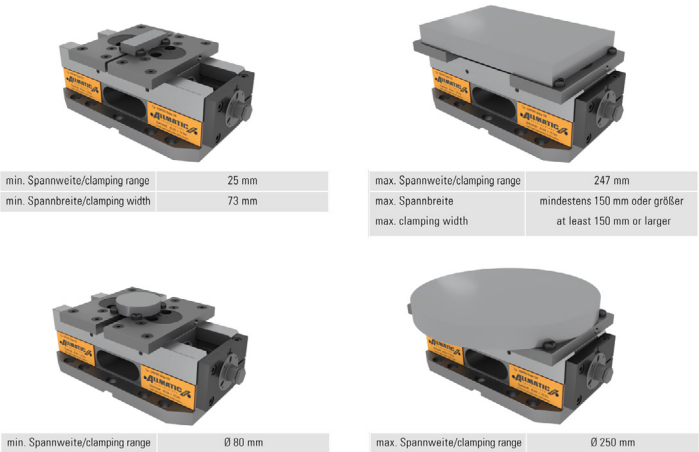
CentroGripp / Size		125
Art.No.		6921538000055
Raw part machining		x
Pre-machined part		x
Clamping range max.	mm	247
Torque	Nm	70
Clamping force max.	kN	40
Weight	kg	20,7
a	mm	112
b	mm	154
c	mm	100
f	mm	21
i	mm	129/130
k	mm	$\varnothing$ 30 H8
l	mm	329
n	mm	20H7
r	mm	182
s (path)	mm	46
t	mm	$\varnothing$ 13
x	mm	127
y	mm	200

Suitable accessories

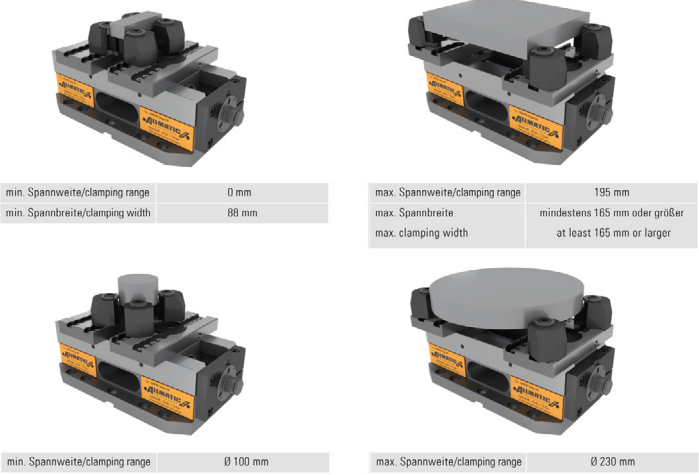
		125
Side clamps	Art.No.	6921025000031
Torque wrench	Art.No.	0651114113153
Console	Art.No.	6921885009042
Workpiece stop	Art.No.	6921285650144
Workpiece stop	Art.No.	6921685670042
Revolvable eye bolt	Art.No.	8027020008103



Trägerbacken mit Grippeinsätzen/Support jaws with gripper studs CENTRO GRIPP



Trägerbacken mit Universal Grippset/Support jaws with universal gripper set CENTRO GRIPP



REPAIR - CENTRE

The repair centre contains all important info for smooth and uncomplicated processing of your repair. Our aim is for you to receive your repaired high-pressure vice at low cost and as quickly as possible.

www.allmatic.de/repair

INVESTMENT PROTECTION

To ensure you have continual production with minimum downtimes, we also offer an express repair service on request. We generally guarantee availability of replacement parts for at least 20 years. In addition, on purchase, you receive a warranty of 24 months for your product and repairs.

HD

Range of application:

- Suitable for heavy machining work, single pieces and small batch sizes
- Designed particularly for use on conventional milling machines

Product features:

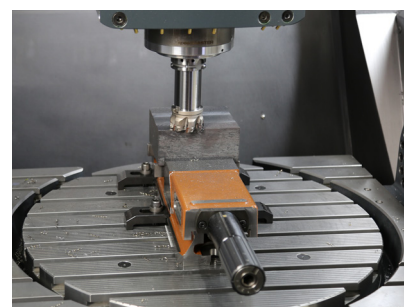
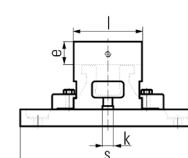
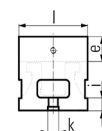
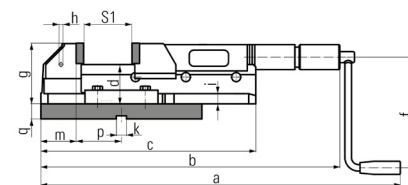
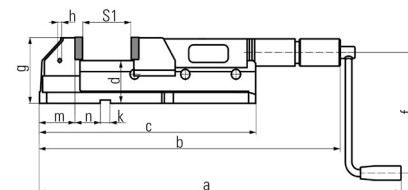
- Clamping force preselection, 2 to 4 increments, allows accurate repetition (type 100 – 2 increments; types 125, 160 – 4 increments)
- Our tried and tested HD vice enables problem-free working with high clamping force and long-term reliability

Technical data

HD / Size	100	125	160
Art.No.	6921011001055	6921021001055	6921031001055
Raw part machining			
Pre-machined part	x	x	x
Clamping range maximal	mm 162	202	302
Clamping range S1 min.	mm 0 - 82	0 - 102	0 - 152
Clamping range S2 min.	mm 78 - 162	98 - 202	147 - 302
Clamping force maximal	kN 30	40	60
Weight	kg 18	30	60
a min.	mm 520	612	717
a max.	mm 682	814	1019
b min.	mm 419	507	613
b max.	mm 581	709	915
c	mm 362	427	582
d	mm 53,5	78	85
e	mm 32	40	50
f	mm 147	178	178
g	mm 87	120	137
H	mm M8	M8	M8
i	mm 15	21	21
k	mm 20	20	20
l	mm 100	125	160
m	mm 52	70	88
n	mm 47	50	100
p	mm 73	75	
q	mm 26	30	
s	mm Ø 260	Ø 320	

Suitable accessories

	100	125	160
Side clamps	Art.No. 6921015000231	6921025000031	6921025000031
Hand crank	Art.No. 6923015000131	6923025000131	6923025000131
Swivel base	Art.No. 6921013000044	6921023000044	
Workpiece stop	Art.No.	6921285650144	
Workpiece stop	Art.No.	6921685670042	
Revolvable eye bolt M8	Art.No.	8027020008103	



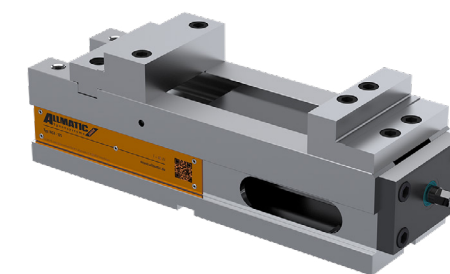
NC4

Range of application

- Ideal for 3- and 4-axis machining
- Clamping force of 40 kN
- Jaw interface compatible with NC8 and LC/TC series

Product features:

- Constant, reproducible clamping force with mechanical force amplifier
- Mechanical stop for safe operation, max. clamping force 40 kN for NC4 125
- Mechanical stop for safe operation, max. clamping force 60 kN for NC4 160
- Proven maintenance-free and encapsulated high-pressure spindle
- Basic body made of GJS-60
- Guideway inductively hardened and ground
- Aligning grooves in the base face
- Evenness of basic body 0.01mm
- Reversible jaws: for min. / max. clamping range (NC4 125: 0-182 mm, 131-313 mm / NC4 160: 0-245 mm, 190-435mm) with one pair of jaw
- Closing and opening of the complete clamping range including clamping process with a hand crank
- Dimensions NC4 as for NC8, LC and TC 125, thus placing them side by side possible
- 1 thread per side for lateral workpiece stops M8
- Individual QR code for fast access to technical information

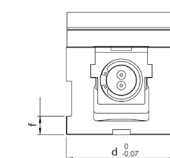
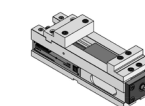
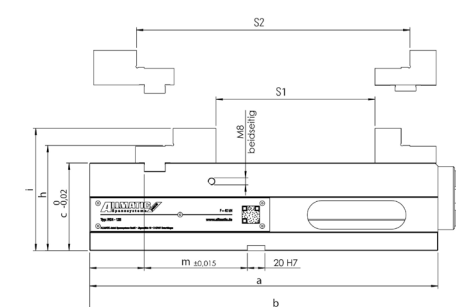


Technical data

NC4 / Size	125	160
Art.No.	6921118000055	6921128000055
Raw part machining		
Pre-machined part	x	x
Clamping range max.	mm 313	435
Clamping range S1 min.	mm 0 - 182	0 - 245
Clamping range S2 min.	mm 131 - 313	190 - 435
Clamping force max.	kN 40	60
Weight	kg 30	67
a	mm 398,5	530
b	mm 441	573
c	mm 100	115
d	mm 126	164
e	mm 21	21
g	mm 62,5	70
h	mm 139,5	164,8

Suitable accessories

	125	160
Side clamps	Art.No. 6921025000031	6921025000031
DUO side clamps	Art.No. 6921285000031	6921285000031
Hand crank	Art.No. 6921685508031	6921685508031
Console	Art.No. 6921885010042	
Workpiece stop	Art.No.	6921285650144
Workpiece stop	Art.No.	6921685670042
Revolvable eye bolt M8	Art.No.	8027020008103

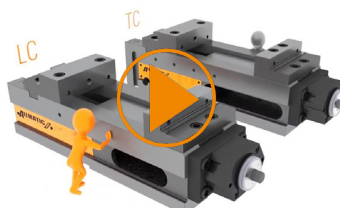


Range of application:

- Ideal for use on 3-axis and 4-axis machining centres
- For conventional clamping

Product features:

- Tool-less force setting
- Constant, reproducible clamping force with mechanical power-assist
- Proven maintenance-free and encapsulated high-pressure spindle, thus minimised cleaning requirements
- Basic body made of GJS-60
- Guideway inductively hardened and ground
- Aligning grooves in the base face
- Standard with locating holes Ø 25H6 M10 for zero-point clamping systems; inside micrometre 200 mm ± 0.01mm (NC8 90 & NC8 125M)
- Lateral boreholes for extension (NC8 125M/125L/160/200)
- Evenness of basic body 0.01 mm
- Height of basic body ground -0.02 mm
- Width of base body ground -0.05 mm, therefore can be used laterally
- Quick-change system for add-on jaws and parallels
- Reversible jaws: for min. / max. chuck capacities with one pair of jaws
- Fixed jaw, simple programming thanks to constant zero
- Closing and opening of the complete clamping range including clamping process with a hand crank
- The total length is independent of the workpiece size
- Dimensions NC8 as for LC/TC
- Jaw interface compatible with LC/TC
- Threads per side for lateral workpiece stops M8
- Connection thread for angle drive



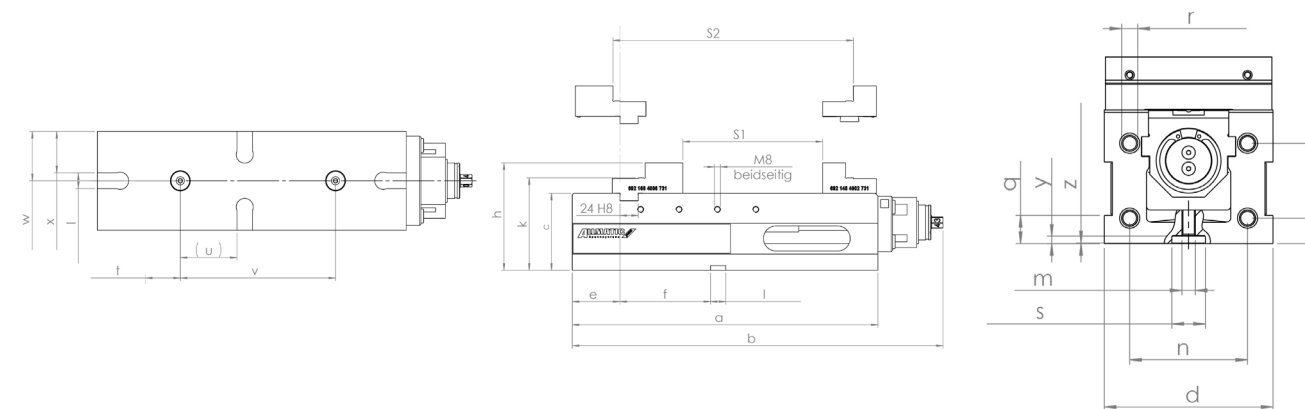
The NC8 family is also available in hydraulic versions!



CONFIGURE YOUR INDIVIDUAL TOMBSTONE – IN 3 STEPS ONLY!

The new configurator navigates you through the „product jungle“ in just three steps. You simply define your requirements and receive a qualified recommendation from a new, modular product range of 57 available variants in total.

www.allmatic.de/tombstone



NC8 / Size	90	125 M	125 L	160	200	200 Heavy Duty
Art.No.	6921908000055	6921918000055	6921918010055	6921928000055	6921928010055	6921938000055
Raw part machining						
Pre-machined part	x	x	x	x	x	x
Clamping range max.	mm 217	313	445	435	435	435
Clamping range S1 min.	mm 0 - 126	0 - 182	0 - 314	0 - 246	0 - 246	0 - 246
Clamping range S2 min.	mm 91 - 217	131 - 313	87 - 445	189 - 435	189 - 435	189 - 435
Clamping force max.	kN 28	40	40	60	60	60
Tool-less force setting	11	4	4	4	4	4
Weight	kg 15	35	43	56	60	85
a	mm 283	389	530	530	530	530
b	mm 339	483	615	615	615	615
c	mm 80	100	100	115	115	140
d	mm 90	126	126	164	164	202
e	mm 39	62	62	70	70	70
f	mm 73	118	216	164	164	164
g	mm 20	24	24	30	30	30
h	mm 114	139,5	139,5	164,8	175	200
k	mm 96	120	120	140	140	165
l	mm 20	20	20	20	20	20
m	mm M10	M10				
n	mm	88	88	128	128	
o	mm	56	56	67	67	
p	mm	19	19	17	17	
q	mm 15	21	21	21	21	21
r	mm	M12	M12	M12	M12	M12
s	mm Ø 25	Ø 25				
t	mm	45				
u	mm 70,5	73				
v	mm 200	200				
w	mm 45	63	63	72	72	91
x	mm 53	53	53			
y	mm 5,5	5,5				
z	mm	0,5 x 45°				

Suitable accessories

	90	125 M	125 L	160	200	200 Heavy Duty
Side clamps	Art.No. 6921015000231	6921025000031		6921025000031		6921025000031
DUO side clamps	Art.No.	6921285000031		6921285000031		6921285000031
Hand crank	Art.No. 6921685508031	6921685508031		6921685508031		6921685508031
Angular drive	Art.No. 6921905700043	6921685700543		6921685700543		6921685700543
Clamping range enlargement	Art.No.	6921685008055		6921705008055		
Console	Art.No.	6921885010042				
Workpiece stop	Art.No.		6921285650144			
Workpiece stop	Art.No.		6921685670042			
Revolvable eye bolt M8	Art.No.		8027020008103			



Configure your tombstone with our NC8!

www.allmatic.de/tombstone

DUO

Range of application:

- Horizontal installation – suitable for vertical CNC-controlled milling machines
- Lateral installation is also possible
- For clamping two identical parts (dimensional differences of up to ± 3 mm are compensated for)

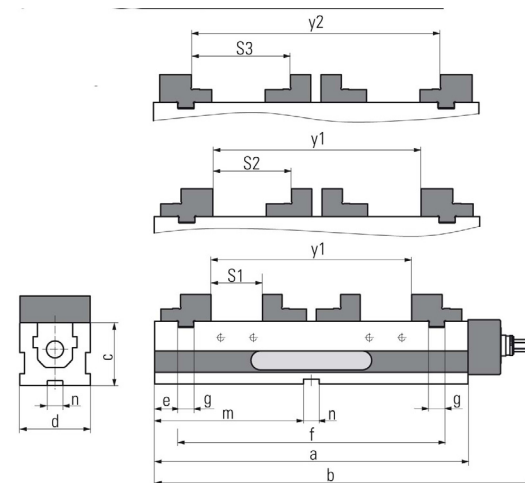
Product features:

- Extreme accuracy for your machining
- Clamping force can be preset in 4 - 6 increments. At most, 1 rotation is required to reach the max. clamping force
- Preselectable and reproducible clamping forces enable the workpiece position to be repeated within a tolerance of less than 0.01 mm
- Standard with locating holes $\varnothing 25H6$ M10 for zero-point clamping systems; Inside micrometre 200 mm ± 0.01 mm (DUO 90)
- Both clamping stations must be occupied for clamping



Technical Information

DUO / Size		90	125
Art.No.		6921478000955	6921488000955
Raw part machining		x	x
Pre-machined part		x	x
Clamping range max.	mm	306	417
Clamping range S1 min.	mm	0 - 64	0 - 89
Clamping range S2 min.	mm	31 - 55	40 - 129
Clamping range S3 min.	mm	56 - 120	82 - 171
Clamping range y1 min.	mm	256	331
Clamping range y2 min.	mm	306	417
Clamping force max.	kN	28	40
Weight	kg	24	24
a	mm	400	530
b	mm	482	640
c	mm	80	100
d	mm	90	126
e	mm	30	43,2
f	mm	340	443
g	mm	20	24
m	mm	190	255
n	mm	20	20



Suitable accessories

		90	125
Side clamps	Art.No.	6921015000231	6921025000031
DUO Side clamps	Art.No.	6921675000031	6921285000031
Hand crank	Art.No.	6921685508031	
Angular drive	Art.No.	6921485700043	
Workpiece stop	Art.No.	6921285650144	
Workpiece stop	Art.No.	6921685670042	
Revolvable eye bolt M8	Art.No.	8027020008103	

Configure your tombstone with our DUO 90 and DUO 125!

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DUO PLUS 125

Range of application:

- Horizontal installation
- Suitable for conventional clamping and for gripp clamping or a combination of both
- For clamping 2 workpieces of the same or different sizes
- The support jaws enable a wide range of unmachined parts from flame-cut and sawn materials through to complex castings to be clamped securely and economically

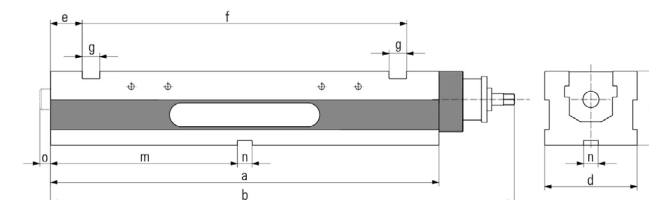
Product features:

- Clamping range adjustment for clamping two workpieces of different sizes
- Reproducible clamping forces enable excellent repeating accuracy of the workpiece position
- Mechanical power-transfer device
- Fully enclosed and maintenance-free high-pressure spindle – high chip protection, minimum cleaning requirements, constant clamping forces up to 40 kN
- Use with a torque wrench – max. 40 Nm
- Standard with locating holes $\varnothing 25H6$ M10 for zero-point clamping systems; Inside micrometre 200 mm ± 0.01 mm



Technical information

DUO PLUS / Size		125
Art.No.		6921438000055
Raw part machining		x
Pre-machined part		x
Clamping range max.	mm	240
Clamping force max.	kN	40
Weight	kg	40
a	mm	530
b	mm	633
c	mm	100
d	mm	126
e	mm	43,2
f	mm	443
g	mm	24
m	mm	255,2
n	mm	20
o	mm	0 - 15



Suitable accessories

		125
Side clamps	Art.No.	6921025000031
Torque wrench	Art.No.	0651114113188
Workpiece stop	Art.No.	6921285650144
Workpiece stop	Art.No.	6921685670042
Revolvable eye bolt M8	Art.No.	8027020008103



Configure your tombstone with our DUO 125!

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New gripp-jaws now available!

Short description:

- Load cell for reliable, wireless checking of clamping forces
- Perfect for regular maintenance of vices
- Suitable for all vices with a minimum clamping range of 61 mm and pressure forces of up to 70 kN

Product features:

- Clamping force indication directly on display
- Energy-efficient due to standby mode and battery life up to six months in two-shift operation
- Compact construction
- Aluminium alloy case
- Important: The whole surface of the measuring disc must be clamped in the vice

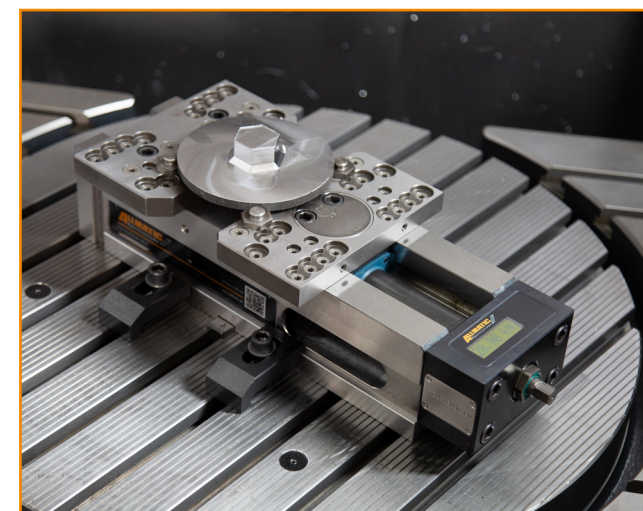
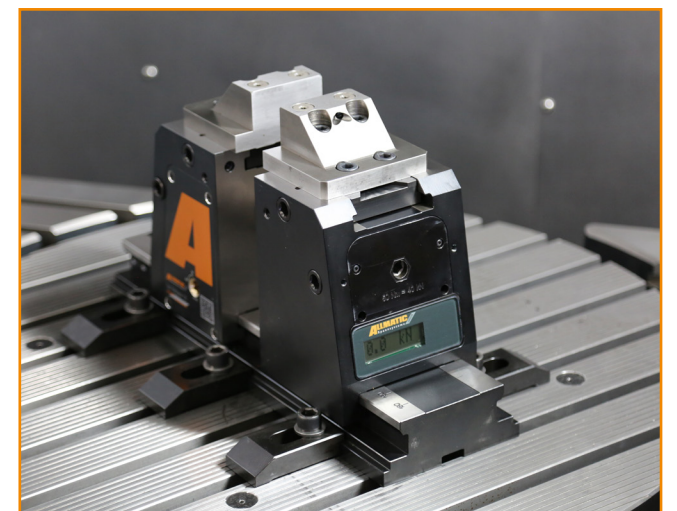


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Integration of measurement technology into other products

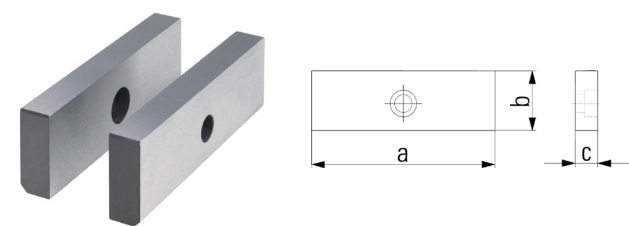
The technology behind a monitored vice and load cell can also be adapted to many other areas. For example, it can also be installed directly in clamping jaws or even used as shims. Compressive forces of the most varied types can be checked with a very high degree of accuracy using the measuring discs. The discs - comparably small as a 1€ coin - are available in three different versions: M12 (5t), M16 (10t) and M20 (20t). Measurements are possible at an operating temperature of -20 to +70 °C, and the housing is also very robust and waterproof.



JAW OVERVIEW CONVENTIONAL

		NC4 125	NC160	NC8 90	NC8 125M & L	NC8 160	NC8 200	NC8 200 HD	DUO 90	DUO 125		DUO Plus 125	TeleSense 125	TITAN SC 125	TITAN 2K	TITAN 2M/L	TiitanSense 125 M/L	TITAN 2 - 160	TitanSense 160	HD 100	HD 125	HD 160	Basic 125	Basic 160
Step jaw fixed 90 mm	6921474006731								x															
Step jaw fixed 90 mm	6921674006731			x																				
Step jaw movable 90 mm	6921474002731			x					x															
Hard basic jaw fixed 90mm	6921674005731			x																				
Hard basic jaw movable 90mm	6921674004731			x																				
Master jaw adapter fixed 90mm	6921674012231			x																				
Master jaw adapter movable 90mm	6921274011231			x																				
Pivot jaw, movable 90mm	6921674020142			x					x															
Smooth jaws 100 mm (pair)	6921014022031																			x				
Serrated jaws 100 mm (pair)	6921011005031																			x				
Prismatic jaws 100 mm (pair)	6921014024031																			x				
Step jaws 100 mm (pair)	6921014025031																			x				
Smooth jaws 125 mm (pair)	6921024022031	x			x																x		x	
Serrated jaws 125 mm (pair)	6921021005031	x			x																x		x	
Soft basic jaws 125mm (pair)	6921024023031	x			x																x		x	
Prismatic jaws 125 mm (pair)	6921024024031	x			x																x		x	
Step jaws 125 mm (pair)	6921024025031	x			x																x		x	
Roller pull-down jaws 125 mm (pair)	6921024005131	x			x																x		x	
Spring leaf pull-down jaws 125 mm (pair)	6921024001042	x			x																x		x	
Step jaw fixed125 mm	6921484006731								x			x												
Step jaw fixed 125 mm	6921684006731	x			x									x	x	x	x							
Step jaw movable 125 mm	6921484002731	x			x				x			x	x	x	x	x	x							
Base jaw fixed 125 mm	6921114006031	x																						
Base jaw movable 125 mm	6921114002031	x																						
Reversible jaw fixed 125 mm	6921114016031	x			x																			
Reversible jaw movable 125 mm	6921114012031	x			x																			
Hard basic jaw fixed 125 mm	6921684005731	x			x				x			x		x	x	x	x							
Hard basic jaw movable 125 mm	6921684004731	x			x				x			x	x	x	x	x	x							
Hard basic jaw fixed without serration	6921284005231								x			x												
Pull-down jaw fixed 125 mm	6921684106031	x			x									x	x	x	x							
Pull-down jaw movable 125 mm	6921684102031	x			x								x	x	x	x	x							
Pivot jaw movable 125 mm	6921684020042	x			x				x			x		x	x	x	x							
Master jaw adapter fixed 125 mm	6921684012231	x			x									x	x	x	x							
Master jaw adapter movable 125 mm	6921284011231	x			x				x			x	x	x	x	x	x							
Soft jaw fixed 125 mm	6921684088031	x			x																			
Soft jaw movable 125 mm	6921484087031	x			x								x											
Click soft jaw 125 mm (pair)	6921684023142				x																		x	
Click jaw with cross grooving 125 mm (pair)	6921684032142																						x	
Prismatic jaws 125 mm (pair)	6921684024042				x																		x	
Top jaw basic fixed 125 mm	6921184005031																						x	
Top jaw basic movable 125 mm	6921181002031																						x	
Smooth jaws 160 mm (pair)	6921034022031					x	x															x		x
Serrated jaws 160 mm (pair)	6921031005031					x	x															x		x
Soft basic jaws 160 mm (pair)	6921034023031					x	x															x		x
Prismatic jaws 160 mm (pair)	6921034024031					x	x															x		x
Step jaws 160 mm (pair)	6921034025031					x	x															x		
Roller pull-down jaws 160 mm (pair)	6921034005131					x	x															x		x
Spring leaf pull-down jaws 160 mm (pair)	6921034001042					x	x															x		
Base jaw fixed 160 mm	6921124006031		x																					
Base jaw movable 160 mm	6921124002031		x																					
Reversible jaw fixed 160 mm	6921124016031		x			x	x																	
Reversible jaw movable 160 mm	6921124012031		x			x	x																	
Step jaw fixed 160 mm	6921704006731		x			x	x											x	x					
Step jaw movable 160 mm	6921924002731		x			x	x											x	x					
Hard basic jaw fixed 160 mm	6921704005731		x			x	x											x	x					
Hard basic jaw movable 160 mm	6921704004731		x			x	x											x	x					
Master jaw adapter fixed 160 mm	6921704012231		x			x	x											x	x					
Master jaw adapter movable 160 mm	6921304011231		x			x	x											x	x					
Pivot jaw movable 160 mm	6921704020042		x			x	x											x	x					
Top jaw basic fixed 160 mm	6921204005031																							x
Top jaw basic movable 160 mm	6921201002031																							x
Step jaw fixed 200 mm	6921694006031						x	x																
Step jaw movable 200 mm	6921934002731						x	x																
Master jaw adapter fixed 200 mm	6921694012231							x																
Master jaw adapter movable 200 mm	6921294011231							x																

JAW RANGE



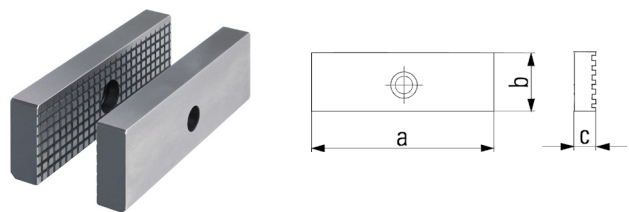
Size		100	125	160
Art.No.		6921014022031	6921024022031	6921034022031
Clamping range S1 min.	HD	0 - 82	0 - 102	0 - 152
Weight	kg	0,6	1,2	2,4
a	mm	100	125	160
b	mm	32	40	50
c	mm	12	15	20

Suitable accessories

		100	125	160
Jaw fixing bolt	Art.No.		6921011023000	

Smooth jaws (pair)

- For parts with delicate clamping surfaces
- Material: hardened steel



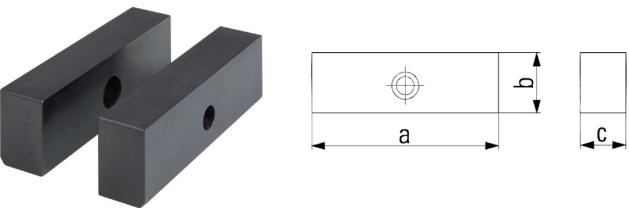
Size		100	125	160
Art.No.		6921011005031	6921021005031	6921031005031
Clamping range S1 min.	HD	0 - 82	0 - 102	0 - 152
Weight	kg	0,6	1,2	2,4
a	mm	100	125	160
b	mm	32	40	50
c	mm	12	15	20

Suitable accessories

		100	125	160
Jaw fixing bolt	Art.No.		6921011023000	

Serrated jaws (pair)

- To increase the specific contact pressure per unit area
- Material: hardened steel
- Standard jaws with small surface area



Size		125	160
Art.No.		6921024023031	6921034023031
Clamping range S1 min.	HD	0 - 84	0 - 132
Weight	kg	1,2	2,4
a	mm	125	160
b	mm	40	50
c	mm	25	30

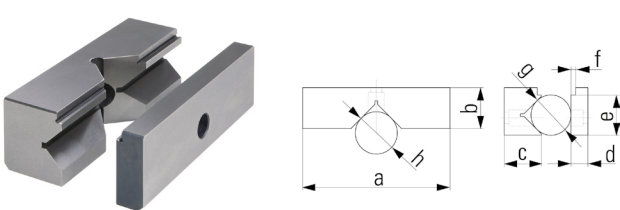
Suitable accessories

		125	160
Jaw fixing bolt	Art.No.		6921011023000

Soft basic jaws (pair)

- Material: 21MnCr5G
- For the self-production of customized jaws

JAW RANGE



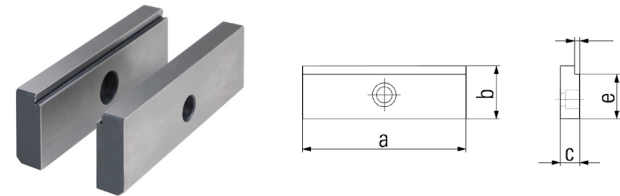
Size		100	125	160
Art.No.		6921014024031	6921024024031	6921034024031
Clamping range S1 min.	HD	0 - 143	0 - 180	0 - 275
Weight	kg	0,85	1,7	3,6
a	mm	100	125	160
b	mm	32	40	50
c	mm	30	35	45
d	mm	12	15	20
e	mm	28	35	45
f	mm	3	3	3
g	mm	Ø 10 - 25	Ø 12 - 28	Ø 15 - 40
h	mm	Ø 15 - 45	Ø 18 - 55	Ø 22 - 65

Suitable accessories

		100	125	160
Jaw fixing bolt	Art.No.		6921011023000	

Prismatic jaws (set)

- For horizontal and vertical clamping of round and flat workpieces
- Material: hardened steel



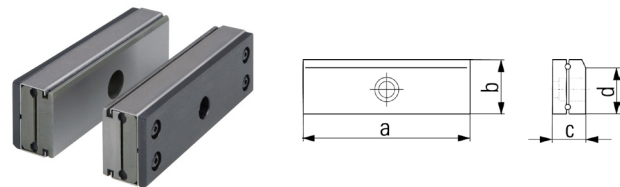
Size		100	125	160
Art.No.		6921014025031	6921024025031	6921034025031
Clamping range S1 min.	HD	7 - 88	7 - 108	7 - 158
Weight	kg	0,55	1,1	2,4
a	mm	100	125	160
b	mm	32	40	50
c	mm	12	15	20
d	mm	3	3	3
e	mm	28	35	45

Suitable accessories

		100	125	160
Jaw fixing bolt	Art.No.		6921011023000	

Step jaws (pair)

- For horizontal clamping of flat workpieces
- Material: hardened steel



Size		125	160
Art.No.		6921024005131	6921034005131
Clamping range S1 min.	HD	0 - 80	0 - 150
Weight	kg	1,85	2,4
a	mm	125	160
b	mm	40	50
c	mm	26	35,5
d	mm	35	45

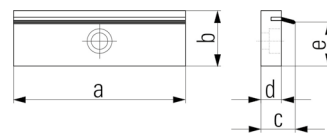
Suitable accessories

		125	160
Jaw fixing bolt	Art.No.		6921024005131

Roller pull-down jaws (pair)

- Jaw parts in contact with the workpiece press the workpiece onto the support surface
- Material: hardened steel
- For parts with sensitive workpieces

JAW RANGE



Spring leaf pull-down jaws (pair)

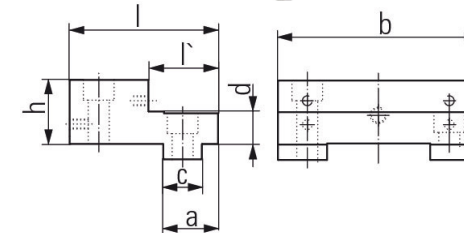
- For parts with rough clamping surfaces
- Material: hardened steel
- Spring leaves press the workpiece onto the support surface
- Spring leaves are interchangeable

Size	125	160
Art.No.	6921024001042	6921034001042
Clamping range S1 min.	HD 0 - 92	0 - 146
Weight	kg 0,95	1,9
a	mm 125	160
b	mm 40	50
c	mm 20	23
d	mm 12	15
e	mm 33	43

Suitable accessories

	125	160
Spring leaves	Art.No. 6921024002131	6921034002131
Jaw fixing bolt	Art.No. 6921011023000	

JAW RANGE



Step jaw fixed

- Material: hardened steel
- High and step sides with thread for parallels
- Ground and polished clamping surfaces
- Additional thread on the high side for mounting HD jaws (Typ 125 – 200)
- Click system on the high side

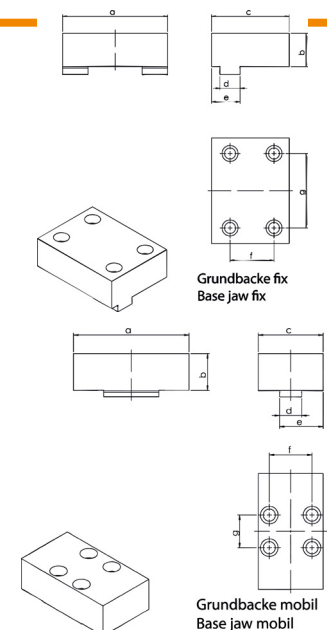
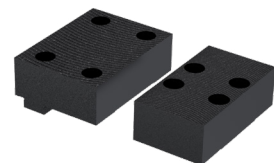
Size	90	125	125	160	200
Art.No.	6921674006731	6921684006731	6921484006731	6921704006731	6921694006031
Clamping range S1 min.	NC4 0 - 182	131 - 313		189 - 435	0 - 246
Clamping range S2 min.	NC4 0 - 182	131 - 313		189 - 435	0 - 246
Clamping range S1 min.	NC8 91 - 217	131 - 313		189 - 435	189 - 435
Clamping range S2 min.	NC8 91 - 217	131 - 313		189 - 435	189 - 435
Clamping range S1 min.	TITAN SC 0 - 182	131 - 313			
Clamping range S2 min.	TITAN SC 0 - 182	131 - 313			
Clamping range S1 min.	TITAN 2K 0 - 64	83 - 195			
Clamping range S2 min.	TITAN 2K 0 - 64	83 - 195			
Clamping range S1 min.	TITAN 2M/TitanSense 125 M 0 - 182	131 - 313			
Clamping range S2 min.	TITAN 2M/TitanSense 125 M 0 - 182	131 - 313			
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L 0 - 138	87 - 269			
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L 132 - 314	263 - 445			
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L 132 - 314	263 - 445			
Clamping range S1 min.	TITAN 2 - 160/TitanSense 160 0 - 182			0 - 245	
Clamping range S2 min.	TITAN 2 - 160/TitanSense 161 0 - 182			189 - 435	
Clamping range S1 min.	DUO Plus 125/DOU 125 0 - 89				
Clamping range S2 min.	DUO Plus 125/DOU 125 40 - 129				
Clamping range S3 min.	DUO Plus 125/DOU 125 43 - 172				
Clamping range y1	DUO Plus 125/DOU 125 331				
Clamping range y2	DUO Plus 125/DOU 125 417				
Weight	kg 1,3	2,8	2,7	5	7
a	mm 30	34	55	40	70
b	mm 89,5	124,4	124,4	160,4	200,4
c	mm 20	24	24	30	30
d	mm 16	20	20	25	25
h	mm 34	39,5	39,5	49,8	60
l	mm 68	92	87	104	104
l'	mm 32	43	42	54	54

Suitable accessories

	90	125	125	160	200
Click parallels / h29 / h35 / h44	Art.No. 6921175029042	6921185035042	6921205044042	6921205025042	6921305019031
Click parallels / h16 / h20 / h25	Art.No. 6921175016042	6921185020042	6921205025042	6921305019031	6921305019031
Click parallels / h13 / h15 / h19	Art.No. 6921475013031	6921485015031	6921485015031	6921485015031	6921485015031
Click parallels / h25	Art.No. 6921185025042	6921185025042	6921185025042	6921185025042	6921185025042
Click parallels / h30	Art.No. 6921185030042	6921185030042	6921185030042	6921185030042	6921185030042

Base jaw fix and Base jaw mobil

- Material: Hardened steel
- Both sides smooth
- Use as a mold jaw possible

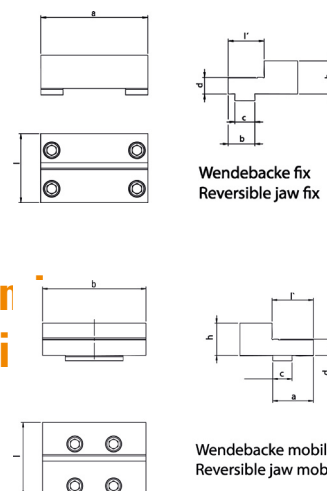
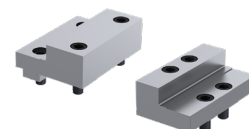


Size	125 fix	160 fix
Art.No.	6921114006031	6921124006031
Clamping range S1 min.	NC4 0 - 182	0 - 245
Clamping range S2 min.	NC4 48 - 230	72 - 317
Weight	kg 3,5	6,65
a	mm 124,4	160,4
b	mm 39,5	49,8
c	mm 92	104
d	mm 24	30
e	mm 34	40
f	mm 52	58
g	mm 88	128

Size	125 mobil	160 mobil
Art.No.	6921114002031	6921124002031
Clamping range S1 min.	NC4 0 - 182	0 - 245
Clamping range S2 min.	NC4 48 - 230	72 - 317
Weight	kg 2,6	6,9
a	mm 124,4	160,4
b	mm 39,5	49,8
c	mm 70	114
d	mm 24	30
e	mm 47	81
f	mm 46	65
g	mm 35	60

Reversible jaw fix and Reversible jaw mobil

- Material: hardened steel
- High and step side
- Grounded clamping surfaces

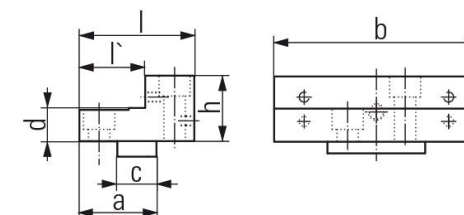


Size	125 fix	160 fix
Art.No.	6921114016031	6921124016031
Clamping range S1 min.	NC4 0 - 182	0 - 245
Clamping range S2 min.	NC4 131 - 313	190 - 435
Weight	kg 2,8	5
a	mm 124,4	160,4
b	mm 34	40
c	mm 24	30
d	mm 20	25
h	mm 39,5	49,8
l	mm 92	104
l'	mm 43	54

Size	125 mobil	160 mobil
Art.No.	6921114012031	6921124012031
Clamping range S1 min.	NC4 0 - 182	0 - 245
Clamping range S2 min.	NC4 131 - 313	190 - 435
Weight	kg 1,85	5,4
a	mm 124,4	160,4
b	mm 47	63
c	mm 24	30
d	mm 20	25
h	mm 39,5	49,8
l	mm 70	114
l'	mm 40	64

Step jaw movable

- Material: hardened steel
- High and step sides with thread for parallels
- Ground and polished clamping surfaces
- Additional thread on the high side for mounting HD jaws (Types 125 – 200)
- Click system on the high side



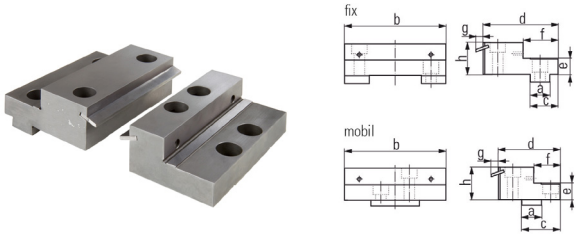
Size	90	125	160	200
Art.No.	6921474002731	6921484002731	6921924002731	6921934002731
Clamping range S1 min.	NC4 0 - 182	131 - 313	189 - 435	0 - 246
Clamping range S2 min.	NC4 0 - 182	131 - 313	189 - 435	0 - 246
Clamping range S1 min.	NC8 91 - 217	131 - 313	189 - 435	189 - 435
Clamping range S2 min.	NC8 91 - 217	131 - 313	189 - 435	189 - 435
Clamping range S1 min.	TeleSense 125 9,5 - 114,5			
Clamping range S2 min.	TeleSense 125 89,5 - 194,5			
Clamping range S1 min.	TITAN SC 0 - 182	131 - 313		
Clamping range S2 min.	TITAN SC 0 - 182	131 - 313		
Clamping range S1 min.	TITAN 2K 0 - 64	83 - 195		
Clamping range S2 min.	TITAN 2K 0 - 64	83 - 195		
Clamping range S1 min.	TITAN 2M 0 - 182	131 - 313		
Clamping range S2 min.	TITAN 2M 0 - 182	131 - 313		
Clamping range S1/Slot1 min.	TITAN 2L 0 - 138	87 - 269		
Clamping range S2/Slot1 min.	TITAN 2L 132 - 314	263 - 445		
Clamping range S2/Slot2 min.	TITAN 2L 132 - 314	263 - 445		
Clamping range S1 min.	TITAN 2 - 160 0 - 182		0 - 245	
Clamping range S2 min.	TITAN 2 - 160 189 - 435		189 - 435	
Clamping range S1 min.	DUO 90 0 - 64			
Clamping range S2 min.	DUO 90 31 - 95			
Clamping range S3 min.	DUO 90 56 - 120			
Clamping range y1	DUO 90 256			
Clamping range y2	DUO 90 306			
Clamping range S1 min.	DUO Plus 125/DOU 125 0 - 89			
Clamping range S2 min.	DUO Plus 125/DOU 125 40 - 129			
Clamping range S3 min.	DUO Plus 125/DOU 125 43 - 172			
Clamping range y1	DUO Plus 125/DOU 125 331			
Clamping range y2	DUO Plus 125/DOU 125 417			
Weight	kg 1	2	4,2	6,1
a	mm 38	47	63	65
b	mm 89,5	124,4	160,4	200,4
c	mm 20	24	30	30
d	mm 16	20	25	25
h	mm 34	39,5	49,8	60
l	mm 56	70	114	115
l'	mm 31	40	64	66

Suitable accessories

	90	125	160	200
Click parallels / h29 / h35 / h44	Art.No. 6921175029042	6921185035042	6921205044042	6921205025042
Click parallels / h16 / h20 / h25	Art.No. 6921175016042	6921185020042	6921205025042	6921305019031
Click parallels / h13 / h15 / h19	Art.No. 6921475013031	6921485015031	6921485015031	6921485015031
Click parallels / h25	Art.No. 6921185025042	6921185025042	6921185025042	6921185025042
Click parallels / h30	Art.No. 6921185030042	6921185030042	6921185030042	6921185030042

ATTENTION: For the **TeleSense 125** version, the movable jaw is required twice.

JAW RANGE



Pull-down jaw fixed

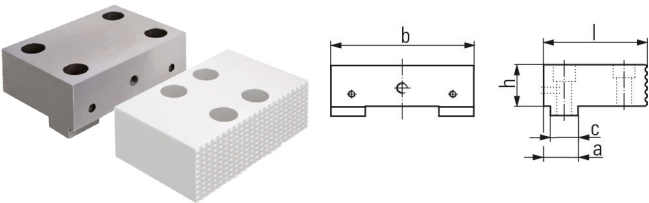
- Material: hardened steel
- Pull-down with ground and polished spring leaves for pre-machined and unmachined workpieces
- Ground and polished clamping surfaces
- High clamping accuracy for parallel and accurate angle machining
- Click system on the high side

Size		125 fixed	125 movable
Art.No.		6921684106031	6921684102031
Clamping range S1 min.	NC4	0 - 159	
Clamping range S2 min.	NC4	0 - 176	
Clamping range S3 min.	NC4	124 - 305	
Clamping range S1 min.	NC8	0 - 159	
Clamping range S2 min.	NC8	0 - 176	
Clamping range S3 min.	NC8	124 - 305	
Clamping range S1 min.	TeleSense 125		0 - 86
Clamping range S2 min.	TeleSense 125		74.5 - 179,5
Clamping range S3 min.	TeleSense 125		2,5 - 103,5
Clamping range S1 min.	TITAN SC	0 - 159	
Clamping range S2 min.	TITAN SC	0 - 176	
Clamping range S3 min.	TITAN SC	124 - 305	
Clamping range S1 min.	TITAN 2K	0 - 41	
Clamping range S2 min.	TITAN 2K	0 - 58	
Clamping range S3 min.	TITAN 2K	75 - 187	
Clamping range S1 min.	TITAN 2M/TitanSense 125 M	0 - 159	
Clamping range S2 min.	TITAN 2M/TitanSense 125 M	0 - 176	
Clamping range S3 min.	TITAN 2M/TitanSense 125 M	124 - 305	
Clamping range S1/Slot 1 min.	TITAN 2L/TitanSense 125 L	0 - 115	
Clamping range S1/Slot 2 min.	TITAN 2L/TitanSense 125 L	0 - 132	
Clamping range S1/Slot 3 min.	TITAN 2L/TitanSense 125 L	80 - 261	
Clamping range S2/Slot 1 min.	TITAN 2L/TitanSense 125 L	109 - 291	
Clamping range S2/Slot 2 min.	TITAN 2L/TitanSense 125 L	126 - 308	
Clamping range S2/Slot 3 min.	TITAN 2L/TitanSense 125 L	255 - 437	
Weight	kg	2,82	2,41
a	mm	24	24
b	mm	124,4	124,4
c	mm	34	46,5
d	mm	92	75
e	mm	20	20
f	mm	43	32
g	mm	8,8	8,5
h	mm	39,5	39,5

Suitable accessories

		125
Spring leaves	Art.No.	6921684103031

ATTENTION: For the TeleSense 125 version, the movable jaw is required twice.



Hard basic jaw fixed

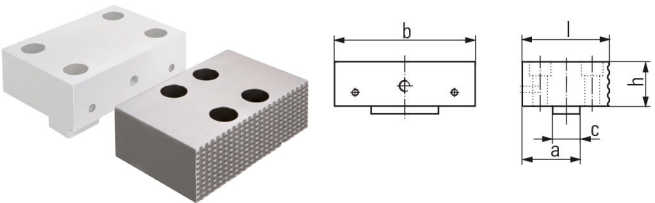
- Material: hardened steel
- 6921684005731 and 6921704005731 one side smooth, ground and polished; one side serrated
- Additional thread for parallels and for mounting HD jaws on the smooth side
- Mounts for Click system on both sides of the jaw

Size		125	125	160
Art.No.		6921684005731	6921284005231	6921704005731
Clamping range S1 min.	NC4	0 - 179		74 - 310
Clamping range S2 min.	NC4	49 - 231		20 - 257
Clamping range S1 min.	NC8	0 - 179		15 - 261
Clamping range S2 min.	NC8	49 - 231		69 - 315
Clamping range S1 min.	TITAN SC	0 - 179		
Clamping range S2 min.	TITAN SC	49 - 231		
Clamping range S1 min.	TITAN 2K	0 - 61		
Clamping range S2 min.	TITAN 2K	0 - 113		
Clamping range S1 min.	TITAN 2M/TitanSense 125 M	0 - 179		
Clamping range S2 min.	TITAN 2M/TitanSense 125 M	49 - 231		
Clamping range S1/Slot 1 min.	TITAN 2L/TitanSense 125 L	0 - 135		
Clamping range S1/Slot 2 min.	TITAN 2L/TitanSense 125 L	129 - 311		
Clamping range S2/Slot 1 min.	TITAN 2L/TitanSense 125 L	5 - 187		
Clamping range S2/Slot 2 min.	TITAN 2L/TitanSense 125 L	181 - 363		
Clamping range S1 min.	DUO Plus 125/DUO 125		0 - 86	
Clamping range y1	DUO Plus 125/DUO 125		331	
Weight	kg	3	3,6	6,65
a	mm	30	56	40
b	mm	124,4	124,4	160,4
c	mm	24	24	30
h	mm	39,5	39,5	49,8
f	mm	88		104

Suitable accessories

		125	125	160
Click parallels / h35 / h44	Art.No.	6921185035042		6921205044042
Click parallels / h20 / h25	Art.No.	6921185020042		6921205025042
Click parallels / h15 / h19	Art.No.	6921485015031		6921305019031
Click parallels / h25	Art.No.	6921185025042		
Click parallels / h30	Art.No.	6921185030042		

JAW RANGE



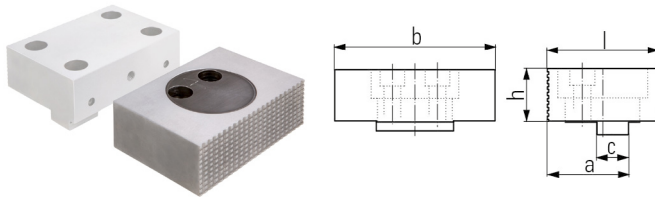
Hard basic jaw movable

- Material: hardened steel
- One side smooth, ground and polished; one side serrated
- Additional thread for parallels and for mounting HD jaws on the smooth side
- Mounts for Click system on both sides of the jaw

Size		125	160
Art.No.		6921684004731	6921704004731
Clamping range S1 min.	NC4	0 - 173	74 - 310
Clamping range S2 min.	NC4	50 - 225	20 - 257
Clamping range S1 min.	NC8	0 - 173	15 - 261
Clamping range S2 min.	NC8	50 - 225	69 - 315
Clamping range S1 min.	TITAN SC	0 - 173	
Clamping range S2 min.	TITAN SC	50 - 225	
Clamping range S1 min.	TITAN 2K	0 - 61	
Clamping range S2 min.	TITAN 2K	0 - 113	
Clamping range S1 min.	TITAN 2M	0 - 179	
Clamping range S2 min.	TITAN 2M	49 - 231	
Clamping range S1/Slot 1 min.	TITAN 2L	0 - 135	
Clamping range S1/Slot 2 min.	TITAN 2L	129 - 311	
Clamping range S2/Slot 1 min.	TITAN 2L	5 - 187	
Clamping range S2/Slot 2 min.	TITAN 2L	181 - 363	
Clamping range S1 min.	DUO Plus 125/ DUO 125	0 - 86	
Clamping range y1	DUO Plus 125/ DUO 125	331	
Weight	kg	3	6,5
a	mm	50	65
b	mm	124,4	160,4
c	mm	24	30
h	mm	39,5	49,8
f	mm	76	100

Suitable accessoires

		125	160
Click parallels / h35 / h44	Art.No.	6921185035042	6921205044042
Click parallels / h20 / h25	Art.No.	6921185020042	6921205025042
Click parallels / h15 / h19	Art.No.	6921485015031	6921305019031
Click parallels / h25	Art.No.	6921185025042	
Click parallels / h30	Art.No.	6921185030042	



Pivot jaw, movable

- Material: hardened steel
- One side smooth, ground and polished; one side serrated
- Rotatable through 360°
- Mounts for Click system on both sides of the jaw

Size		125 fixed	125 movable
Art.No.		6921684106031	6921684102031
Clamping range S1 min.	NC4	0 - 159	
Clamping range S2 min.	NC4	0 - 176	
Clamping range S3 min.	NC4	124 - 305	
Clamping range S1 min.	NC8	0 - 159	
Clamping range S2 min.	NC8	0 - 176	
Clamping range S3 min.	NC8	124 - 305	
Clamping range S1 min.	TeleSense 125		0 - 86
Clamping range S2 min.	TeleSense 125		74.5 - 179,5
Clamping range S3 min.	TeleSense 125		2,5 - 103,5
Clamping range S1 min.	TITAN SC		0 - 159
Clamping range S2 min.	TITAN SC		0 - 176
Clamping range S3 min.	TITAN SC		124 - 305
Clamping range S1 min.	TITAN 2K		0 - 41
Clamping range S2 min.	TITAN 2K		0 - 58
Clamping range S3 min.	TITAN 2K		75 - 187
Clamping range S1 min.	TITAN 2M/TitanSense 125 M		0 - 159
Clamping range S2 min.	TITAN 2M/TitanSense 125 M		0 - 176
Clamping range S3 min.	TITAN 2M/TitanSense 125 M		124 - 305
Clamping range S1/Slot 1 min.	TITAN 2L/TitanSense 125 L		0 - 115
Clamping range S1/Slot 2 min.	TITAN 2L/TitanSense 125 L		0 - 132
Clamping range S1/Slot 3 min.	TITAN 2L/TitanSense 125 L		80 - 261
Clamping range S2/Slot 1 min.	TITAN 2L/TitanSense 125 L		109 - 291
Clamping range S2/Slot 2 min.	TITAN 2L/TitanSense 125 L		126 - 308
Clamping range S2/Slot 3 min.	TITAN 2L/TitanSense 125 L		255 - 437
Weight	kg	2,82	2,41
a	mm	24	24
b	mm	124,4	124,4
c	mm	34	46,5
d	mm	92	75
e	mm	20	20
f	mm	43	32
g	mm	8,8	8,5
h	mm	39,5	39,5

Suitable accessories

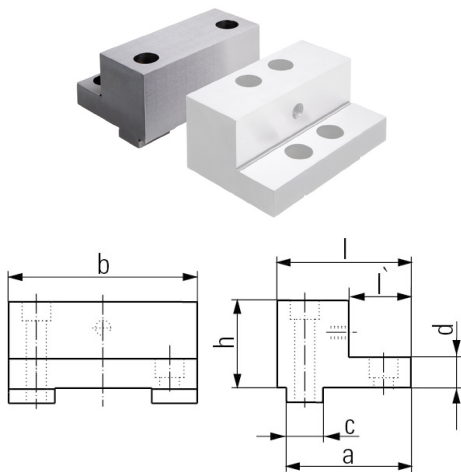
Size		125 fix	125 mobil	125 mobil
Art.No.		6921684008031	6921484007031	6921534007031
Clamping range S1 min.	NC4	0 - 150	0 - 150	
Clamping range S1 min.	NC8	0 - 150	0 - 150	
Clamping range S1 min.	TeleSense 125		0 - 76,5	0 - 88,5
Clamping range S1 min.	TITAN SC	0 - 150	0 - 150	
Clamping range S1 min.	TITAN 2K	0 - 32	0 - 32	
Clamping range S1 min.	TITAN 2M/TitanSense 125 M	0 - 150	0 - 150	
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L	0 - 106	0 - 106	
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L	100 - 282	100 - 282	
Clamping range S1 min.	CentroGripp			0 - 57
Clamping range S2 min.	CentroGripp			33 - 125
Weight	kg	4,2	3,8	3,7
a	mm	95	42	54
b	mm	124	124	124
c	mm	24	24	12
h	mm	58	58	58
f	mm	101,5	94,5	94,5

Soft jaw fixed

- Material: GGG40
- For production of special jaws by the customer
- Chamfer provides very good accessibility to the workpiece

ATTENTION: For the CENTRO Gripp and TeleSense 125 version, the movable jaw is required twice.

JAW RANGE



Master jaw adapter

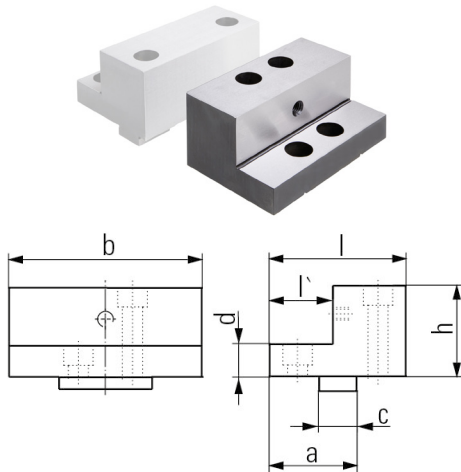
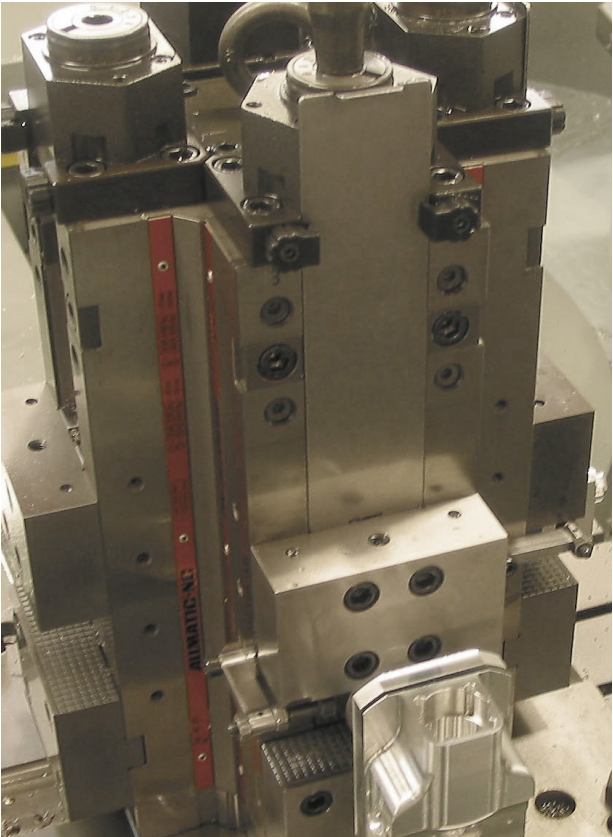
- Material: hardened steel
- Ground and polished clamping surfaces
- Additional thread for mounting HD jaws
- Click system on the high side

Size		90	125	160	200
Art.No.		6921674012231	6921684012231	6921704012231	6921694012231
Clamping range S1 min.	NC4		64 - 246	88 - 334	
Clamping range S2 min.	NC4		45 - 227	68 - 314	
Clamping range S1 min.	NC8	62 - 186	64 - 246	88 - 334	92 - 338
Clamping range S2 min.	NC8	26 - 152	45 - 227	68 - 314	68 - 314
Clamping range S1 min.	TITAN SC		51 - 226		
Clamping range S2 min.	TITAN SC		70 - 245		
Clamping range S1 min.	TITAN 2K		64 - 128		
Clamping range S2 min.	TITAN 2K		0 - 109		
Clamping range S1 min.	TITAN 2M/TitanSense 125 M		64 - 246		
Clamping range S2 min.	TITAN 2M/TitanSense 125 M		45 - 227		
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L		64 - 202		
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L		196 - 378		
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L		0 - 183		
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L		177 - 359		
Clamping range S1 min.	TITAN 2 - 160/TitanSense 160			71 - 313	
Clamping range S2 min.	TITAN 2 - 160/TitanSense 160			91 - 334	
Weight	kg	1,6	3,8	7,4	10,5
a	mm	56	77	89	89
b	mm	90	126	164	202
c	mm	20	24	30	30
d	mm	16	20	24	24
h	mm	46	58	73	85
l	mm	66	85	100	100
r	mm	30	32	34	34

Suitable accessories

		90	125	160	200
Click parallels / h29 / h35 / h44	Art.No.	6921175029042	6921185035042	6921205044042	
Click parallels / h16 / h20 / h25	Art.No.	6921175016042	6921185020042	6921205025042	
Click parallels / h13 / h15 / h19	Art.No.	6921475013031	6921485015031	6921305019031	
Click parallels / h25	Art.No.		6921185025042		
Click parallels / h30	Art.No.		6921185030042		

APPLICATIONS



Master jaw adapter movable

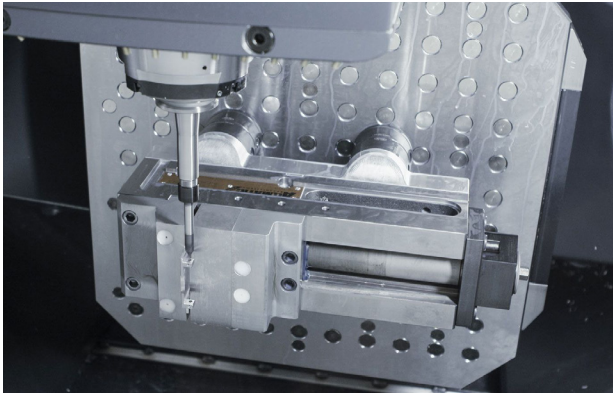
- Material: hardened steel
- Ground and polished clamping surfaces
- Additional thread for mounting HD jaws
- Click system on the high side

Size		90	125	160	200
Art.No.		6921274011231	6921284011231	6921304011231	6921294011231
Clamping range S1 min.	NC4		71 - 243	88 - 334	
Clamping range S2 min.	NC4		47 - 224	68 - 314	
Clamping range S1 min.	NC8	62 - 186	71 - 243	88 - 334	92 - 338
Clamping range S2 min.	NC8	26 - 152	47 - 224	68 - 314	68 - 314
Clamping range S1 min.	TeleSense 125		0 - 104,5		
Clamping range S2 min.	TeleSense 125		63,5 - 168,5		
Clamping range S1 min.	TITAN SC		71 - 243		
Clamping range S2 min.	TITAN SC		47 - 224		
Clamping range S1 min.	TITAN 2K		64 - 128		
Clamping range S2 min.	TITAN 2K		0 - 109		
Clamping range S1 min.	TITAN 2M/TitanSense 125 M		64 - 246		
Clamping range S2 min.	TITAN 2M/TitanSense 125 M		45 - 227		
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L		64 - 202		
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L		196 - 378		
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L		0 - 183		
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L		177 - 359		
Clamping range S1 min.	TITAN 2 - 160/TitanSense 160			71 - 313	
Clamping range S2 min.	TITAN 2 - 160/TitanSense 160			91 - 334	
Clamping range y1 min.	DUO Plus 125/DUO 125		331		
Clamping range y2 min.	DUO Plus 125/DUO 125		401		
Clamping range S1 min.	DUO Plus 125/DUO 125		0 - 84		
Clamping range S2 min.	DUO Plus 125/DUO 125		28 - 117		
Clamping rangeS3 min.	DUO Plus 125/DUO 125		77 - 166		
Weight	kg	1,45	3,6	7,6	10,2
a	mm	40	52	65	65
b	mm	90	126	164	202
c	mm	20	24	30	30
d	mm	16	20	24	24
h	mm	46	58	73	85
l	mm	60	80	100	100
r	mm	30	32	34	38

Suitable accessories

		90	125	160	200
Click parallels / h29 / h35 / h44	Art.No.	6921175029042	6921185035042	6921205044042	
Click parallels / h16 / h20 / h25	Art.No.	6921175016042	6921185020042	6921205025042	
Click parallels / h13 / h15 / h19	Art.No.	6921475013031	6921485015031	6921305019031	
Click parallels / h25	Art.No.		6921185025042		
Click parallels / h30	Art.No.		6921185030042		

ATTENTION: For the **TeleSense 125** version, the movable jaw is required twice.



JAW OVERVIEW GRIPP

		TeleCentric 70	TeleCentric 100	TeleCentric 125	TeleSense 125	TITAN SC 125		TITAN 2K	TITAN 2M/L	TiitanSense 125 M/L	TITAN 2 - 160	TitanSense 160	DUO Plus 125	CentroGripp	T-Rex
Step jaw 38 mm, carbide coated mobile	6921544020031	x	x												
Gripp-jaw 38 mm mobile	6921544020131	x	x												
Step jaw 70 mm, carbide coated mobile	6921544010031	x	x	x											
Gripp-jaw 70 mm mobile	6921544010131	x	x	x											
Step jaw 100 mm, carbide coated mobile (interface 70)	6921544030031	x													
Gripp-jaw 100 mm mobile (interface 70)	6921544030131	x													
Zero jaw b70	6921544060031	x	x												
Prismatic jaw 70 m mobile	6921544090031	x	x	x											
Soft jaw 120 mm mobile Steel	6921544080031	x	x												
Soft jaw 120 mm mobile Aluminum	6921544081031	x	x												
Support jaw b120	6921544070042	x	x	x											
Step jaw b100 smooth (interface 100)	6921564010031	x	x	x											
Step jaw b100 carbided coated (interface 100)	6921564010331	x	x	x											
Gripp-jaw b100 (interface 100)	6921564010131	x	x	x											
Step jaw b125 carbided coated	6921554010331			x											
Step jaw b125 smooth	6921554010031			x											
Gripp-jaw b125 for strong indentation	6921554010231			x											
Gripp-jaw b125 fo fine indentation	6921554010131			x											
Universal quick change jaw 125	6921864001031				x										
Quick change step jaw 125	6921864001131				x										
Jaw adapter for NC8/Titan 2	6921861070031				x										
Jaw adapter for CentroGripp/T-Rex	6921861071031				x										
Step jaw fixed for gripper studs 125 mm	6921884051031					x		x	x	x					
Step jaw movable for gripper studs 125 mm	6921884050031					x		x	x	x			x		
Step jaw fixed for gripper studs 125 mm	6921434051031												x		
Support jaw movable, rigid 125 mm	6921884004842					x		x	x	x					
Support jaw movable	6921734072942				x										
Support jaw fixed 125 mm	6921734005842					x		x	x	x			x		
Support jaw movable, pivot 125 mm	6921734072842				x	x		x	x	x			x		
Support jaw fixed, with raster for gripper studs 125 mm	6921734005642					x		x	x	x			x		
Support jaw movable, with raster for gripper studs, pivot 125 mm	6921734072642				x	x		x	x	x			x		
Gripp-jaw fixed with integrated gripper row 125 mm	6921834044031					x		x	x	x					
Gripp-jaw movabel with integrated gripper row 125 mm	6921834045031				x	x		x	x	x			x		
Gripp-jaw fixed with integrated gripper row 125 mm	6921434051031												x		
Reduced-width jaw 64 mm fixed for gripp-studs	6921834040140					x		x	x	x					
Reduced-width jaw 64 mm movable for gripp-studs	6921834040040				x	x		x	x	x					
Jaw 64 mm, fixed with integrated gripper row	6921834034231					x		x	x	x					
Jaw 64 mm, movable with integrated gripper row	6921834036231				x	x		x	x	x					
Jaws for five-side machining fixed	6921734047031							x	x	x					
Jaws for five-side machining movable	6921734048031							x	x	x					
Pull-down jaw fixed 125 mm	6921684106031								x	x					
Pull-down jaw movable 125 mm	6921684102031								x	x					
Support jaw for universal gripper set fixed 125 mm	6921484005042												x		
Support jaw for universal gripper set movable 125 mm	6921484004042												x		
Step jaw fixed, carbide - coated 125 mm	6921884006041														x
Step jaw movable, carbide - coated 125 mm	6921884002041				x									x	x
Universal pull-downjaw fixed 125 mm	6921884106031														x
Universal pull-downjaw movable 125 mm	6921884102031				x									x	x
Gripper jaw fixed with integrated gripper row 125 mm	6921884034931														x
Gripper jaw movable with integrated gripper row 125 mm	6921534036931				x									x	x
Support jaws for universal gripper set 125 mm	6921884005242														x
Support jaws for universal gripper set movable, pivot 125 mm	6921884072242				x									x	x
Reduced-width jaw, 64 mm fixed	6921884040140														x
Reduced-width jaw, 64 mm movable	6921884040040				x									x	x
Reduced-width jaw, 20 mm fixed	6921884041141														x
Reduced-width jaw, 20 mm movable	6921884041041				x									x	x
Jaw 64 mm, fixed with integrated gripper row	6921884034031														x
Jaw 64 mm, movable with integrated gripper row	6921534036031				x								x	x	x
Jaw 64 mm, fixed with integrated gripper row	6921434034031												x		
Support jaws for gripper studs fixed 125 mm	6921884005042														x
Support jaw for gripper studs movable, pivott 125 mm	6921884072042				x									x	x
Prismatic jaw, horizontal movable 125 mm	6921534001031				x									x	
Support jaw fixed 160 mm	6921844005042										x	x			
Support jaw movable 160 mm	6921844072042										x	x			
Step jaw fixed for gripper studs 160 mm	6921844051031										x	x			
Step jaw movable for gripper studs160 mm	6921844050031										x	x			

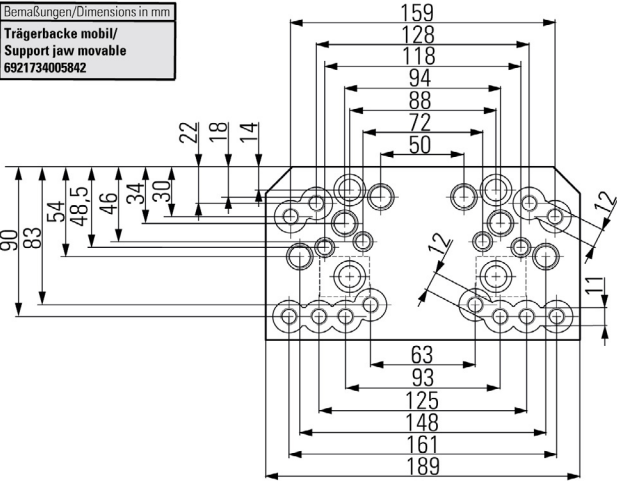
JAW RANGE GRIPP

JAW RANGE GRIPP

Support jaw fixed

- Material: hardened steel
- For mounting various pull-down wedge elements (the pull-down clamping we recommend only for the TITAN 2 K, M and L), universal grippset and gripp-studs with thread (pointed/smooth)
- Front surface can be used as clamping surface (hardened and ground)
- Scope of delivery without clamping elements

Bemaßung der einzelnen Gripp-Positionen/
Dimensions of each Gripp positions



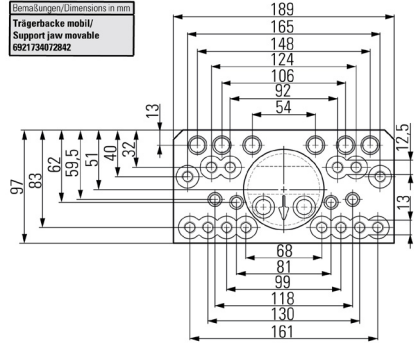
Support jaw movable, pivot

- Material: hardened steel
- For mounting various pull-down wedge elements (the pull-down clamping is recommended for the TITAN 2 K, M and L), universal gripp set and gripp-studs with thread (pointed/smooth)
- Front surface can be used as clamping surface (hardened and ground)

Pivot jaw

- For clamping uneven workpieces
- To compensate for non-parallel clamping surfaces
- Supplied without clamping elements

Bemaßung der einzelnen Gripp-Positionen/
Dimensions of each Gripp positions



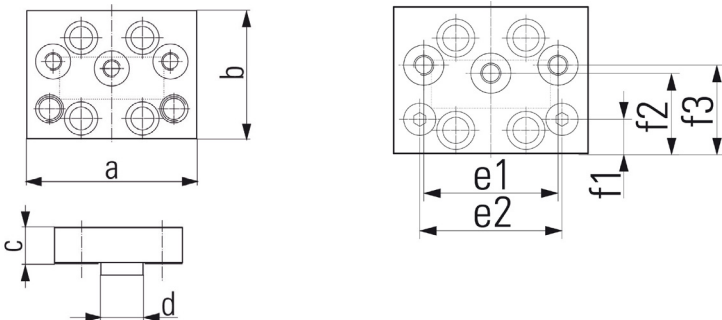
Size	125	160
Art.No.	6921734072842	6921844072042
Weight	kg 2,8	4,8
Clamping range rectangular WP	TeleSense 125 (Connect) 0 - 76,5	
Clamping range round WP	TeleSense 125 (Connect) Ø 70 - Ø 270	
Clamping range rectangular WP	Duo Plus 125 27 - 185	
Clamping range round WP	Duo Plus 125 Ø 70 - Ø 220	
a	mm 189	250
b	mm 104	132
c	mm 20	25
d	mm 24	30

For clamping range and accessories:
go to support jaw fixed page 32

Size	125	125	125	160	160	160
Art.No.	6921734005842 with pull-down set	6921734005842 with universal grippset	6921734005842 with gripp-studs	6921884005042 with pull-down set	6921844005042 with universal grippset	6921844005042 with gripp-studs
Clamping range rectangular WP	TITAN SC 28 - 320	25 - 310	28 - 320			
Clamping range round WP	TITAN SC Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330			
Clamping range rectangular WP	TITAN 2K 28 - 202	25 - 192	28 - 202			
Clamping range round WP	TITAN 2K Ø 70 - Ø 240	Ø 70 - Ø 240	Ø 70 - Ø 240			
Clamping range rectangular WP	TITAN 2M/TitanSense 125 M 28 - 320	25 - 310	28 - 320			
Clamping range round WP	TITAN 2M/TitanSense 125 M Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330			
Clamping range rectangular WP	TITAN 2L/TitanSense 125 L 28 - 452	25 - 442	28 - 452			
Clamping range round WP	TITAN 2L/TitanSense 125 L Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330			
Clamping range rectangular WP	TITAN 2-160/TitanSense 160			47 - 421	34 - 426	33 - 493
Clamping range round WP	TITAN 2-160/TitanSense 160			Ø 120 - Ø 450	Ø 120 - Ø 450	Ø 75 - Ø 450
Clamping range rectangular WP	Duo Plus 125	27 - 185	52 - 232			
Clamping range round WP	Duo Plus 125	Ø 70 - Ø 220	Ø 78 - Ø 240			
Clamping range rectangular WP	NC8 125 M Hydro 28 - 320	25 - 310	28 - 320			
Clamping range round WP	NC8 125 M Hydro Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330			
Clamping range rectangular WP	NC8 125 L Hydro 28 - 452	25 - 442	28 - 452			
Clamping range round WP	NC8 125 L Hydro Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330			
Weight	kg 2,8				4,8	
a	mm 189				250	
b	mm 104				122,5	
c	mm 20				25	
d	mm 24				30	

Suitable accessories

	125	125	125	160	160	160
Pull-down set case, high	Art.Nr. 6921734027131					
Pull-down set case, low	Art.Nr. 6921734027031					
Pull-down set case	Art.Nr.			6921734027231		
Universal grippset	Art.Nr.	6921884027031			6921884027031	
Gripp-stud 2-spike h6,7	Art.Nr.		6921884036000			6921884036000
Gripp-stud 2-spike h5,2	Art.Nr.		6921884036100			6921884036100
Gripp-stud carbide 2-spike 8,6	Art.Nr.		6921884036841			6921884036841
Gripp-stud flat carbide coated h6,7	Art.Nr.		6921884037000			6921884037000
Gripp-stud 2-spike h9,7	Art.Nr.		6921884036200			6921884036200
Gripp-stud 4-spike h5,2	Art.Nr.		6921884036300			6921884036300
Gripp-stud round h5,5	Art.Nr.		6921884038000			6921884038000



Support jaw movable, rigid

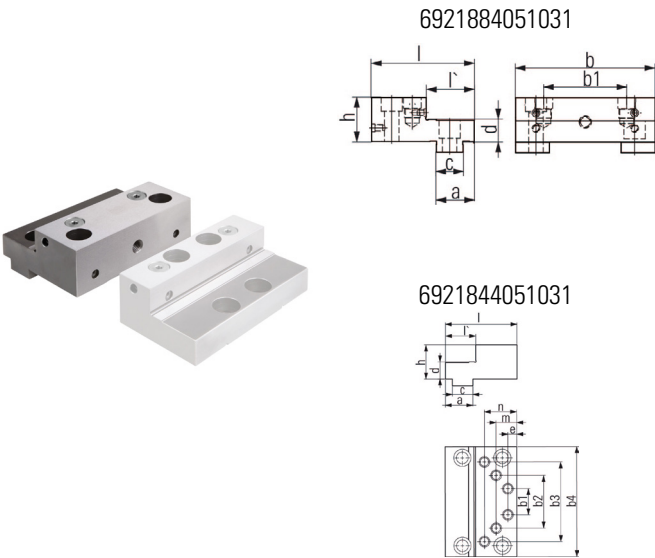
- Material: hardened steel
- For mounting various studs (pointed/smooth) or a universal gripper set
- For three-point clamping
- Front surface can be used as clamping surface (hardened, ground and polished)
- Studs (pointed/smooth) and gripper set not included

Size	125
Art.No.	6921884004842
Clamping range rectangular WP*	TeleSense 125 32 - 213
Clamping range round WP*	TeleSense 125 Ø 70 - Ø 215
Clamping range rectangular WP	TITAN SC 25 - 310
Clamping range round WP	TITAN SC Ø 100 - Ø 320
Clamping range rectangular WP	TITAN 2K 25 - 184
Clamping range round WP	TITAN 2K Ø 70 - Ø 210
Clamping range rectangular WP	TITAN 2M/TitanSense 125M 25 - 310
Clamping range round WP	TITAN 2M/TitanSense 125M Ø 100 - Ø 320
Clamping range rectangular WP	TITAN 2L/TitanSense 125L 25 - 442
Clamping range round WP	TITAN 2L/TitanSense 125L Ø 100 - Ø 330
Clamping range rectangular WP	NC8 125 M Hydro 25 - 310
Clamping range round WP	NC8 125 M Hydro Ø 100 - Ø 320
Clamping range rectangular WP	NC8 125 L Hydro 25 - 442
Clamping range round WP	NC8 125 L Hydro Ø 100 - Ø 330
Weight	kg 1,2
a	mm 97
b	mm 73
c	mm 20
d	mm 24
Gripp position e1	mm 67
Gripp position e2	mm 71
Gripp position f1	mm 17
Gripp position f2	mm 40
Gripp position f3	mm 44

* When using grip insert 2-point h6,7 / Rang vary based on flu operations

JAW RANGE GRIPP

JAW RANGE GRIPP



Step jaw fixed for gripp-studs

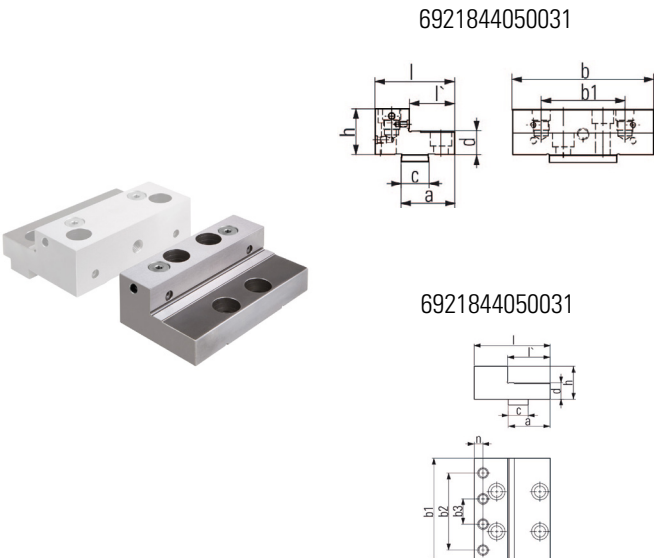
- Material: hardened steel
- High and step sides with thread for parallels
- Ground clamping surfaces
- Suitable for screw-in gripp-studs
- First and second clamping steps are possible without changing jaws
- Click system on the high side

Note: because the jaws have no pendulum,they are only suitable for rectangular workpieces (Saw cuts) // ≤ 0,5 mm (Parallelism less or equal 0.5 mm) respectively cylindrical workpieces $\bigcirc \leq 0,5 \text{ mm}$ (unit less or equal 0.5)

Size	125	125	160
Art.No.	6921884051031	6921434051031	6921844051031
Clamping range S1 min.	TITAN SC 0 - 182		
Clamping range S2 min.	TITAN SC 49 - 226		
Clamping range S2 round WP	TITAN SC Ø 88 - 220		
Clamping range S3	TITAN SC 131 - 313		
Clamping range S4	TITAN SC 157 - 334		
Clamping range S1 min.	TITAN 2K 0 - 64		
Clamping range S2 min.	TITAN 2K 49 - 108,5		
Clamping range S2 round WP	TITAN 2K Ø 88 - 220		
Clamping range S3	TITAN 2K 131 - 313		
Clamping range S4	TITAN 2K 157 - 334		
Clamping range S1 min.	TITAN 2M/TitanSense 125 M 0 - 182		
Clamping range S2 min.	TITAN 2M/TitanSense 125 M 49 - 226		
Clamping range S2 round WP	TITAN 2M/TitanSense 125 M Ø 88 - 220		
Clamping range S3	TITAN 2M/TitanSense 125 M 131 - 313		
Clamping range S4	TITAN 2M/TitanSense 125 M 157 - 334		
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L 0 - 138		
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L 132 - 314		
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L 49 - 182		
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L 176 - 358		
Clamping range S2 runde WK	TITAN 2L/TitanSense 125 L Ø 88 - 220		
Clamping range S3/Slot1 min.	TITAN 2L/TitanSense 125 L 87 - 269		
Clamping range S3/Slot2 min.	TITAN 2L/TitanSense 125 L 263 - 445		
Clamping range S4/Slot1 min.	TITAN 2L/TitanSense 125 L 113 - 290		
Clamping range S4/Slot2 min.	TITAN 2L/TitanSense 125 L 284 - 466		
Clamping range S1 min.	TITAN 2 - 160/TitanSense 160		0 - 245
Clamping range S2 min.	TITAN 2 - 160/TitanSense 160		24 - 264
Clamping range S2 round WP	TITAN 2 - 160/TitanSense 160		Ø 55 - 400
Clamping range S3	TITAN 2 - 160/TitanSense 160		179 - 425
Clamping range S4	TITAN 2 - 160/TitanSense 160		227 - 468
Clamping range S1 min.	Duo Plus 125	0 - 86	
Clamping range S2 min.	Duo Plus 125	85 - 167	
Clamping range S1 round WP	Duo Plus 125	Ø 88 - 145	
Clamping range S2 round WP	Duo Plus 125	Ø 130 - 200	
Clamping range S3	Duo Plus 125	49 - 130	
Clamping range S4	Duo Plus 125	108 - 188	
Clamping range S1 min.	NC8 125 M Hydro	0 - 182	
Clamping range S2 min.	NC8 125 M Hydro	49 - 226	
Clamping range S2 round WP	NC8 125 M Hydro	Ø 88 - 220	
Clamping range S3	NC8 125 M Hydro	131 - 313	
Clamping range S4	NC8 125 M Hydro	157 - 334	
Clamping range S1/Slot1 min.	NC8 125 L Hydro	0 - 138	
Clamping range S1/Slot2 min.	NC8 125 L Hydro	132 - 314	
Clamping range S2/Slot1 min.	NC8 125 L Hydro	49 - 182	
Clamping range S2/Slot2 min.	NC8 125 L Hydro	176 - 358	
Clamping range S2 runde WK	NC8 125 L Hydro	Ø 88 - 220	
Clamping range S3/Slot1 min.	NC8 125 L Hydro	87 - 269	
Clamping range S3/Slot2 min.	NC8 125 L Hydro	263 - 445	
Clamping range S4/Slot1 min.	NC8 125 L Hydro	113 - 290	
Clamping range S4/Slot2 min.	NC8 125 L Hydro	284 - 466	
Weight	kg	2,8	4,8
a	mm	34	56
b	mm	124,4	124,4
b1	mm	74	88
b2	mm		77
b3	mm		116
b4	mm		160,4
c	mm	24	30
d	mm	20	25
e	mm		13
h	mm	24	39,5
i	mm	20	104
f	mm	39,5	44
in	mm	92	47
ti	mm	43	30

Suitable accessories

	125	160
Click parallels h35	Art.No. 6921185035042	
Click parallels h20	Art.No. 6921185020042	
Click parallels h15	Art.No. 6921485015031	
Click parallels h25	Art.No. 6921185025042	
Click parallels h30	Art.No. 6921185030042	
Click parallels h44	Art.No.	6921205044042
Click parallels h25	Art.No.	6921205025042
Click parallels h19	Art.No.	6921305019031
Gripp-stud 2-spike h6,7	Art.No.	6921884036000
Gripp-stud 2-spike h5,2	Art.No.	6921884036100
Gripp-stud carbide 2-spike h8,6	Art.No.	6921884036941
Gripp-stud flat carbide coated h6,7	Art.No.	6921884037000
Gripp-stud 2-spike h9,7	Art.No.	6921884036200
Gripp-stud 4-spike h5,2	Art.No.	6921884036300
Gripp-stud round h5,5	Art.No.	6921884036000



Step jaw movable for gripp-studs

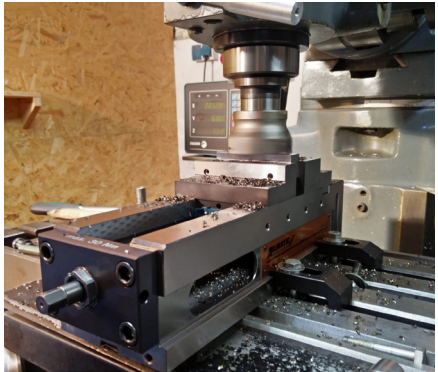
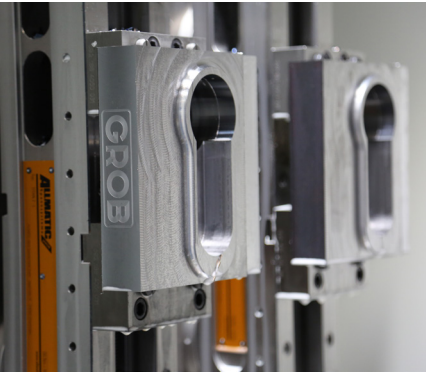
- Material: hardened steel
- High and step sides with thread for parallels
- Additional thread on the high side for mounting the HD jaws (Typ 125 – 200)
- Suitable for screw-in gripp-studs
- First and second clamping steps are possible without changing jaws
- Click system on the high side

Note: because the jaws have no pendulum,they are only suitable for rectangular workpieces (Saw cuts) // ≤ 0,5 mm (Parallelism less or equal 0.5 mm) respectively cylindrical workpieces $\bigcirc \leq 0,5 \text{ mm}$ (unit less or equal 0.5)

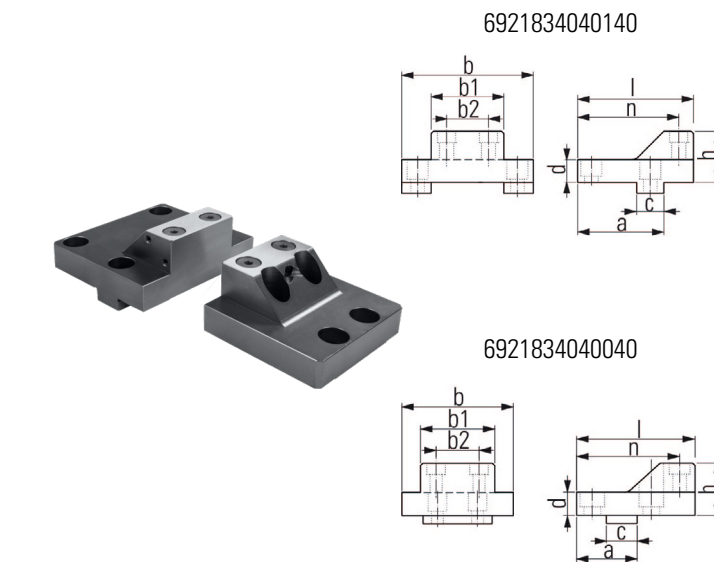
Size	125	160
Art.No.	6921884050031	6921844050031
Clamping range S1 min.	TITAN SC 0 - 182	
Clamping range S2 min.	TITAN SC 49 - 226	
Clamping range S2 round WP	TITAN SC Ø 88 - 220	
Clamping range S3	TITAN SC 131 - 313	
Clamping range S4	TITAN SC 157 - 334	
Clamping range S1 min.	TITAN 2K 0 - 64	
Clamping range S2 min.	TITAN 2K 49 - 108,5	
Clamping range S2 round WP	TITAN 2K Ø 88 - 220	
Clamping range S3	TITAN 2K 131 - 313	
Clamping range S4	TITAN 2K 157 - 334	
Clamping range S1 min.	TITAN 2M/TitanSense 125 M 0 - 182	
Clamping range S2 min.	TITAN 2M/TitanSense 125 M 49 - 226	
Clamping range S2 round WP	TITAN 2M/TitanSense 125 M Ø 88 - 220	
Clamping range S3	TITAN 2M/TitanSense 125 M 131 - 313	
Clamping range S4	TITAN 2M/TitanSense 125 M 157 - 334	
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L 0 - 138	
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L 132 - 314	
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L 49 - 182	
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L 176 - 358	
Clamping range S2 round WP	TITAN 2L/TitanSense 125 L Ø 88 - 220	
Clamping range S3/Slot1 min.	TITAN 2L/TitanSense 125 L 87 - 269	
Clamping range S3/Slot2 min.	TITAN 2L/TitanSense 125 L 263 - 445	
Clamping range S4/Slot1 min.	TITAN 2L/TitanSense 125 L 113 - 290	
Clamping range S4/Slot2 min.	TITAN 2L/TitanSense 125 L 284 - 466	
Clamping range S1 min.	TITAN 2 - 160/TitanSense 160	0 - 245
Clamping range S2 min.	TITAN 2 - 160/TitanSense 160	24 - 264
Clamping range S2 round WP	TITAN 2 - 160/TitanSense 160	Ø 55 - 400
Clamping range S3	TITAN 2 - 160/TitanSense 160	179 - 425
Clamping range S4	TITAN 2 - 160/TitanSense 160	227 - 468
Clamping range S1 min.	Duo Plus 125	0 - 86
Clamping range S2 min.	Duo Plus 125	85 - 167
Clamping range S1 round WP	Duo Plus 125	Ø 88 - 145
Clamping range S2 round WP	Duo Plus 125	Ø 130 - 200
Clamping range S3	Duo Plus 125	49 - 130
Clamping range S4	Duo Plus 125	108 - 188
Clamping range S1 min.	NC8 125 M Hydro	0 - 182
Clamping range S2 min.	NC8 125 M Hydro	49 - 226
Clamping range S2 round WP	NC8 125 M Hydro	Ø 88 - 220
Clamping range S3	NC8 125 M Hydro	131 - 313
Clamping range S4	NC8 125 M Hydro	157 - 334
Clamping range S1/Slot1 min.	NC8 125 L Hydro	0 - 138
Clamping range S1/Slot2 min.	NC8 125 L Hydro	132 - 314
Clamping range S2/Slot1 min.	NC8 125 L Hydro	49 - 182
Clamping range S2/Slot2 min.	NC8 125 L Hydro	176 - 358
Clamping range S2 round WP	NC8 125 L Hydro	Ø 88 - 220
Clamping range S3/Slot1 min.	NC8 125 L Hydro	87 - 269
Clamping range S3/Slot2 min.	NC8 125 L Hydro	263 - 445
Clamping range S4/Slot1 min.	NC8 125 L Hydro	113 - 290
Clamping range S4/Slot2 min.	NC8 125 L Hydro	284 - 466
Weight	kg	2,8
a	mm	47
b	mm	124,4
b1	mm	74
b2	mm	116
b3	mm	38
c	mm	24
d	mm	20
h	mm	39,5
i	mm	70

Accessories: go to step jaw fixed for gripper studs page 34

ATTENTION: For the **TeleSense 125** version, the movable jaw is required twice.



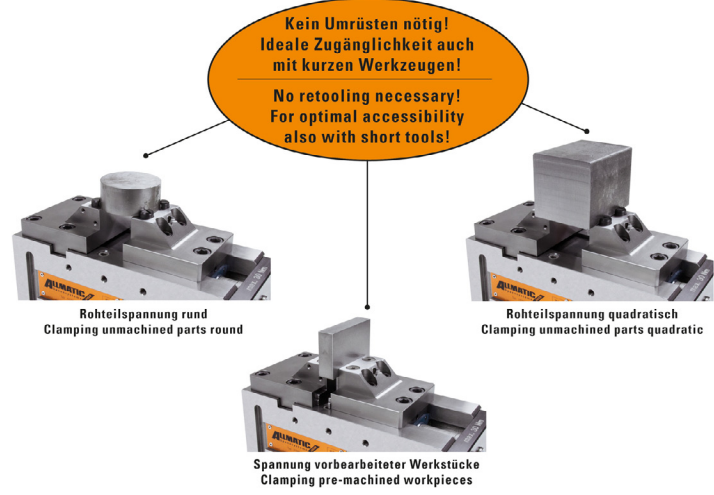
JAW RANGE GRIPP



Reduced-width jaw for gripp-studs

- Material: hardened steel
- Allows unhindered access to the workpiece, even with short tools
- For clamping small to medium-sized workpieces
- Suitable for screw-in gripp-studs
- First and second clamping steps are possible without changing jaws
- Click system on the high side

Note: The movable jaw has no pendulum compensation. It is suitable for rectangular workpieces (saw cuts) / / ≤ 0.5 (concurrency less or equal to 0.5 mm) or cylindrical workpieces $\bigcirc \leq 0.5$ (roundness less or equal to 0.5 mm)



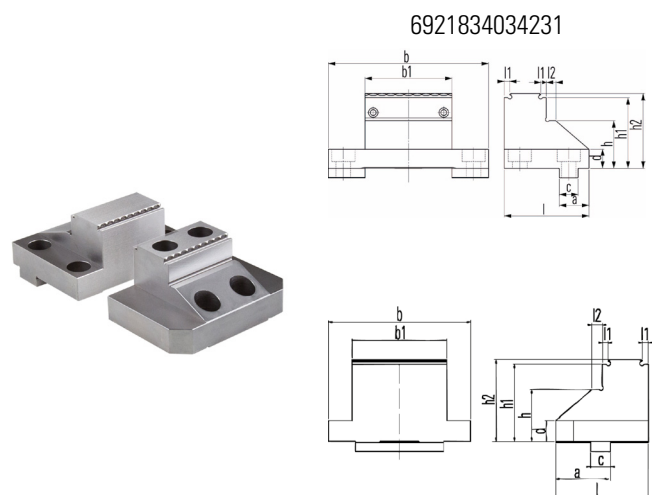
Size		125 fixed	125 movable
Art.No.		6921834040140	6921834040040
Clamping range S1 min.	TeleSense 125		0 - 70,5
Clamping range S1 min.	TITAN SC		31 - 210
Clamping range S2 min.	TITAN SC		123 - 300
Clamping range S3 min.	TITAN SC		173 - 350
Clamping range S4 min.	TITAN SC		25 - 203
Clamping range S5 min.	TITAN SC		165 - 343
Clamping range S1 min.	TITAN 2K		23 - 92
Clamping range S2 min.	TITAN 2K		91 - 182
Clamping range S3 min.	TITAN 2K		167 - 232
Clamping range S4 min.	TITAN 2K		15 - 85
Clamping range S5 min.	TITAN 2K		159 - 225
Clamping range S1 min.	TITAN 2M/TitanSense 125 M		31 - 210
Clamping range S2 min.	TITAN 2M/TitanSense 125 M		123 - 300
Clamping range S3 min.	TITAN 2M/TitanSense 125 M		173 - 350
Clamping range S4 min.	TITAN 2M/TitanSense 125 M		25 - 203
Clamping range S5 min.	TITAN 2M/TitanSense 125 M		165 - 343
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L		23 - 166
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L		160 - 342
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L		91 - 256
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L		250 - 432
Clamping range S3/Slot1 min.	TITAN 2L/TitanSense 125 L		167 - 306
Clamping range S3/Slot2 min.	TITAN 2L/TitanSense 125 L		300 - 482
Clamping range S4/Slot1 min.	TITAN 2L/TitanSense 125 L		15 - 159
Clamping range S4/Slot2 min.	TITAN 2L/TitanSense 125 L		153 - 335
Clamping range S5/Slot1 min.	TITAN 2L/TitanSense 125 L		159 - 299
Clamping range S5/Slot2 min.	TITAN 2L/TitanSense 125 L		293 - 475
Clamping range S1 min.	NC8 125 M Hydro		31 - 210
Clamping range S2 min.	NC8 125 M Hydro		123 - 300
Clamping range S3 min.	NC8 125 M Hydro		173 - 350
Clamping range S4 min.	NC8 125 M Hydro		25 - 203
Clamping range S5 min.	NC8 125 M Hydro		165 - 343
Clamping range S1/Slot1 min.	NC8 125 L Hydro		23 - 166
Clamping range S1/Slot2 min.	NC8 125 L Hydro		160 - 342
Clamping range S2/Slot1 min.	NC8 125 L Hydro		91 - 256
Clamping range S2/Slot2 min.	NC8 125 L Hydro		250 - 432
Clamping range S3/Slot1 min.	NC8 125 L Hydro		167 - 306
Clamping range S3/Slot2 min.	NC8 125 L Hydro		300 - 482
Clamping range S4/Slot1 min.	NC8 125 L Hydro		15 - 159
Clamping range S4/Slot2 min.	NC8 125 L Hydro		153 - 335
Clamping range S5/Slot1 min.	NC8 125 L Hydro		159 - 299
Clamping range S5/Slot2 min.	NC8 125 L Hydro		293 - 475
Weight	kg	2,8	2,8
a	mm	76	47
b	mm	116	96
b1	mm	64	64
b2	mm	37	37
c	mm	24	24
d	mm	20	20
h	mm	45	45
l	mm	102	92
n	mm	89	80

Suitable accessories

		125 fixed	125 movable
Click parallels	Art.No.	6921535035042	
Gripp-stud 2-spike h6,7	Art.No.	6921884036000	
Gripp-stud 2-spike h5,2	Art.No.	6921884036100	
Gripp-stud carbide 2-spike h8,6	Art.No.	6921884036841	
Gripp-stud flat carbide coated h6,7	Art.No.	6921884037000	
Gripp-stud 2-spike h9,7	Art.No.	6921884036200	
Gripp-stud 4-spike h5,2	Art.No.	6921884036300	
Gripp-stud round h5,5	Art.No.	6921884038000	

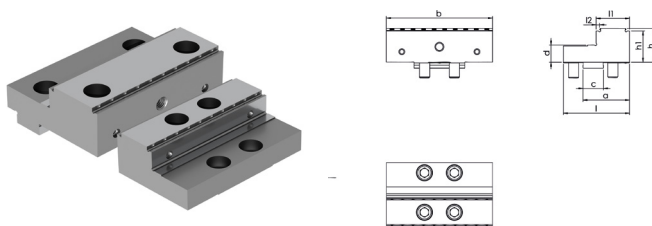
ATTENTION: For the **TeleSense 125** version, the movable jaw is required twice.

JAW RANGE GRIPP



Jaw 64 mm, with integrated gripper row

- For five-sided machining, ensuring best possible accessibility to the workpiece
- For rectangular workpieces (sawn material) <= 0.5 mm
- Minimal lost clamping margin of 3 mm
- Positive locking through penetration of the centres into the material without preprint
- Integrated gripper row, rigid design to prevent vibrations especially when parts are clamped upright
- Additional clamping surfaces, ground on both sides
- Suitable for material strength of up to 1.000 N/mm²



Gripp jaw with integrated gripper row

- For rectangular workpieces (sawn material) //<= 0.5 mm
- Rigid design to prevent vibrations when parts are clamped upright
- Additional clamping surfaces, ground on both sides
- For five-sided machining, ensuring best possible accessibility to the workpiece
- Positive locking through penetration of the centres into the material
- Minimal lost clamping margin of approx. 4 mm

Size		125 fixed	125 movable	125 fixed
Art.No.		6921834034231	6921834036231	6921434034031
Clamping range S1 min.	TeleSense 125		8 - 105,5	
Clamping range S2 min.	TeleSense 125		92,5 - 197,5	
Clamping range S3* min.	TeleSense 125		0 - 97,5	
Clamping range S4* min.	TeleSense 125		84,5 - 198,5	
Clamping range S1 min.	TITAN SC		11 - 325	
Clamping range S2 min.	TITAN SC		11 - 504	
Clamping range S1 min.	TITAN 2K		11 - 207	
Clamping range S2 min.	TITAN 2K		11 - 386	
Clamping range S1 min.	TITAN 2M/TitanSense 125 M		11 - 325	
Clamping range S2 min.	TITAN 2M/TitanSense 125 M		11 - 504	
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L		11 - 281	
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L		275 - 457	
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L		11 - 460	
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L		454 - 636	
Clamping range S1 min.	Duo Plus 125			44 - 118
Clamping range S2 min.	Duo Plus 125			87,5 - 164
Weight	kg	2,6	2,5	2,8
a	mm	32,5	50	55,5
b	mm	115	115	115
b1	mm	64	64	64
c	mm	24	24	24
d	mm	20	20	20
h	mm	35	35	35
h1	mm	52	52	52
h2	mm	55	55	55
l	mm	88	82	85
l1	mm	4	4	4
l2	mm	7	7	

Suitable accessories

		125 fixed	125 movable
Click parallels	Art.No.	6921535035042	
Gripp-stud 2-spike h6,7	Art.No.	6921884036000	
Gripp-stud 2-spike h5,2	Art.No.	6921884036100	
Gripp-stud carbide 2-spike h8,6	Art.No.	6921884036841	
Gripp-stud flat carbide coated h6,7	Art.No.	6921884037000	
Gripp-stud 2-spike h9,7	Art.No.	6921884036200	
Gripp-stud 4-spike h5,2	Art.No.	6921884036300	
Gripp-stud round h5,5	Art.No.	6921884038000	

* When using grip insert 2-point h6,7 / Ranges vary based on flu operations

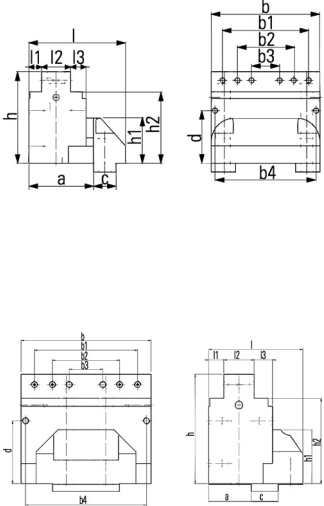
ATTENTION: For the **TeleSense 125** version, the movable jaw is required twice.

Size		125 fixed	125 movable	125 fixed
Art.No.		6921834044031	6921834045031	6921434046131
Clamping range S1 min.	TeleSense 125		8 - 107,5	
Clamping range S2 min.	TeleSense 125		94,5 - 199,5	
Clamping range S3* min.	TeleSense 125		0 - 98,5	
Clamping range S4* min.	TeleSense 125		86,5 - 191,5	
Clamping range S1 min.	TITAN 2K		13 - 80	
Clamping range/Enlargement	TITAN 2K		127 - 240	
Clamping range S1 min.	TITAN 2M/TitanSense 125 M		13 - 176	
Clamping range/Enlargement	TITAN 2M/TitanSense 125 M		175 - 355	
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L		13 - 132	
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L		134 - 308	
Clamping range/Enlargement	TITAN 2L/TitanSense 125 L		303 - 487	
Clamping range S1 min.	Duo Plus 125			44 - 118
Clamping range S2 min.	Duo Plus 125			87,5 - 164
Clamping range S1 min.	NC8 125 M Hydro		13 - 176	
Clamping range/Enlargement	NC8 125 M Hydro		175 - 355	
Clamping range S1/Slot1 min.	NC8 125 L Hydro		13 - 132	
Clamping range S1/Slot2 min.	NC8 125 L Hydro		134 - 308	
Clamping range/Enlargement	NC8 125 L Hydro		303 - 487	
Weight	kg	2,8	5,2	3
a	mm	83,5	54,5	59
b	mm		124,4	
c	mm		24	
d	mm		20	
h	mm		39,5	
h1	mm		36,5	
l	mm	93,5	77,5	93,5
l1	mm	48,5	39	48,5
l2	mm		4	

* When using grip insert 2-point h6,7 / Ranges vary based on flu operations

ATTENTION: For the **TeleSense 125** version, the movable jaw is required twice.

JAW RANGE GRIPP



Jaws for five-sided machining

- Particularly suitable for five-side machining
- Better accessibility for tools
- Ground clamping surfaces
- Additional thread for parallels
- Accuracy through pull-down
- Stability through form-locking

Size	125 fixed	125 movable
Art.No.	6921734047031	6921734048031
Clamping range S1 min.	TITAN 2K	16 - 181
Clamping range/Enlargement	TITAN 2K	- 260
Clamping range S1 min.	TITAN 2M/TitanSense 125 M	16 - 299
Clamping range/Enlargement	TITAN 2M/TitanSense 125 M	- 478
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L	16 - 255
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L	249 - 431
Clamping range/Enlargement	TITAN 2L/TitanSense 125 L	- 610
Clamping range/TITAN 2L 2x	TITAN 2L/TitanSense 125 L	- 970
Clamping range S1 min.	NC8 125 M Hydro	16 - 299
Clamping range/Enlargement	NC8 125 M Hydro	- 478
Clamping range S1/Slot1 min.	NC8 125 L Hydro	16 - 255
Clamping range S1/Slot2 min.	NC8 125 L Hydro	249 - 431
Clamping range/Enlargement	NC8 125 L Hydro	- 610
Weight	kg	6,2
a	mm	69
b	mm	116
b1	mm	90
b2	mm	60
b3	mm	30
b4	mm	108
c	mm	24
d	mm	56
e	mm	97,5
f	mm	48
h1	mm	76
h2	mm	103
i	mm	13,5
j	mm	31
k	mm	16,5

Suitable accessories

	125 fixed	125 movable
Storage set for five-side-machining-jaw	Art.No.	6921734027531
Gripp-strip reversible	Art.No.	6921734036031
Wedge element, four-point	Art.No.	6921834025040
Wedge element, round	Art.No.	6921834026340
Wedge element, microgripper	Art.No.	6921834025140
Wedge element, coated	Art.No.	6921834025240
Wedge adapter for jaw for five-sided machining	Art.No.	6921834027540
Pads, diamond-coated, in blister pack	Art.No.	6921834028141
Fastening bolt for five-sided machining	Art.No.	8006300068800

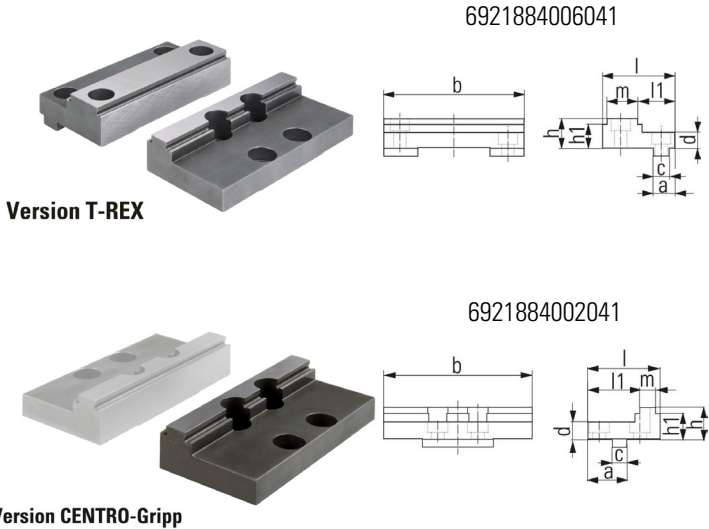
Size	125 fixed	125 movable
Art.No.	6921734005642	6921734072642
Clamping range S3* min.	TeleSense 125	26 - 228
Clamping range S1 Ø * min.	TeleSense 125	Ø 50 - Ø 265
Clamping range S1 min.	TITAN 2K	25 - 239
Clamping range round	TITAN 2K	Ø 50 - Ø 280
Clamping range/Enlargement	TITAN 2K	- 418
Clamping range/Enlargement	TITAN 2K	- Ø 330
Clamping range S1 min.	TITAN 2M/TitanSense 125 M	25 - 357
Clamping range round	TITAN 2M/TitanSense 125 M	Ø 50 - Ø 330
Clamping range/Enlargement	TITAN 2M/TitanSense 125 M	- 536
Clamping range/Enlargement	TITAN 2M/TitanSense 125 M	- Ø 330
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L	25 - 489
Clamping range round	TITAN 2L/TitanSense 125 L	Ø 50 - Ø 330
Clamping range/Enlargement	TITAN 2L/TitanSense 125 L	- 668
Clamping range/Enlargement	TITAN 2L/TitanSense 125 L	- Ø 330
Clamping range S1 min.	Duo Plus 125	24 - 237
Clamping range round	Duo Plus 125	Ø 50 - Ø 270
Clamping range S1 min.	NC8 125 M Hydro	25 - 357
Clamping range round	NC8 125 M Hydro	Ø 50 - Ø 330
Clamping range/Enlargement	NC8 125 M Hydro	- 536
Clamping range/Enlargement	NC8 125 M Hydro	- Ø 330
Clamping range S1/Slot1 min.	NC8 125 L Hydro	25 - 489
Clamping range round	NC8 125 L Hydro	Ø 50 - Ø 330
Clamping range/Enlargement	NC8 125 L Hydro	- 668
Clamping range/Enlargement	NC8 125 L Hydro	- Ø 330
Weight	kg	3,1
a	mm	189
b	mm	104
c	mm	20
d	mm	24
e1	mm	157,5
e2	mm	94,5
e3	mm	31,5
f1	mm	39
f2	mm	12
g	mm	26

Suitable accessories

	125 fixed	125 movable
Gripp-stud 2-spike h6,7	Art.No.	6921884036000
Gripp-stud 2-spike h5,2	Art.No.	6921884036100
Gripp-stud carbide 2-spike h8,6	Art.No.	6921884036841
Gripp-stud flat carbide coated h6,7	Art.No.	6921884037000
Gripp-stud 2-spike h9,7	Art.No.	6921884036200
Gripp-stud 4-spike h5,2	Art.No.	6921884036300
Gripp-stud round h5,5	Art.No.	6921884038000

* When using grip insert 2-point h6,7 / Ranges vary based on flu operations

JAW RANGE GRIPP



Version T-REX

Version CENTRO-Gripp

Step jaw, carbide - coated

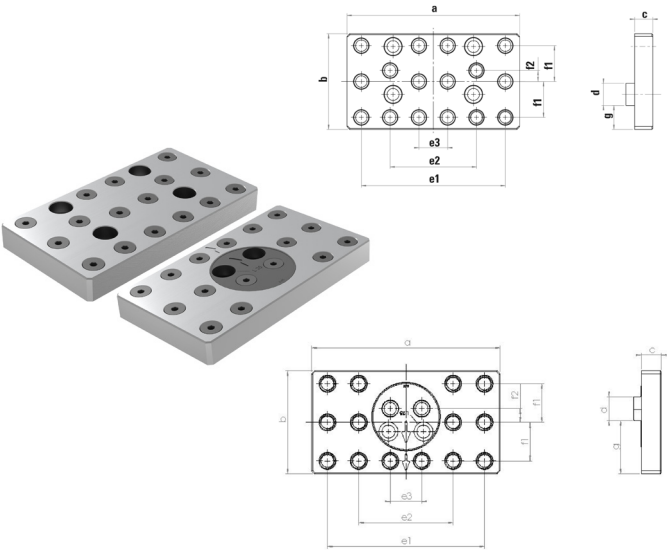
- Material: hardened steel
- Hardened 680 +80 HV30; hardening depth: 0,5 + 0,3
- For clamping parallel pre-machined workpieces
- Clamping surfaces (step) additionally carbidecoated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surfaces

Size	125 fixed	125 movable
Art.No.	6921884006041	6921884002041
Clamping range S1 min.	TeleSense 125	19,5 - 124,5
Clamping range S2 min.	TeleSense 125	113,5 - 218,5
Clamping range S3 min.	TeleSense 125	11,5 - 116,5
Clamping range S4 min.	TeleSense 125	105,5 - 210,5
Clamping range S1 min.	T-Rex	8 - 66
Clamping range S2 min.	T-Rex	68 - 182
Clamping range S1 min.	CentroGripp	9 - 94
Clamping range S2 min.	CentroGripp	69 - 162
Clamping range S3 min.	CentroGripp	95 - 188
Clamping range S4 min.	CentroGripp	163 - 256
Weight	kg	1,3
a	mm	19
b	mm	124,4
c	mm	14
d	mm	14
h	mm	26
h1	mm	21
l	mm	64
l1	mm	33
m	mm	27

Suitable accessories

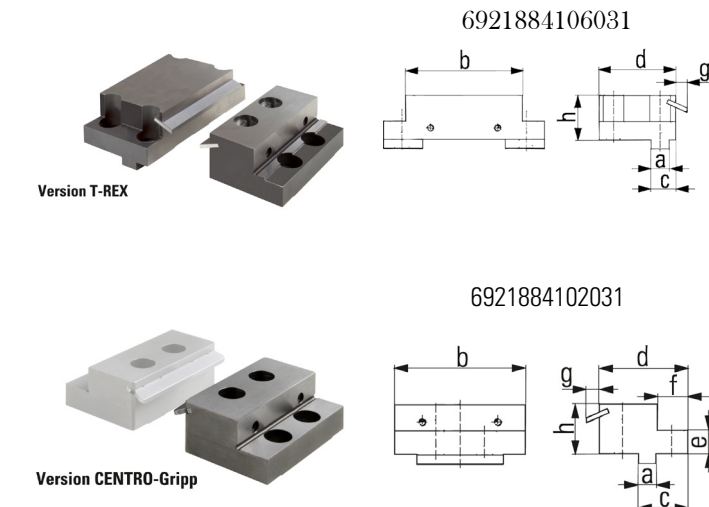
	125 fixed	125 movable
Click parallels h29	Art.No.	6921175029042
Click parallels h16	Art.No.	6921175016042
Click parallels h13	Art.No.	6921475013031

ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.



Support jaw, with raster for gripp-studs

- Material: hardened steel
- For mounting various gripp-studs (pointed / smooth)
- Front surface can be used as clamping surface (hardened and ground)
- For clamping uneven workpieces
- To equalize non-parallel clamping surfaces



Version T-REX

Version CENTRO-Gripp

Universal pull-down jaw

- Material: hardened steel
- Reduced-width jaws, 90 mm
- Ground and polished clamping surfaces
- Pull-down with ground and polished spring leaves for unmachined and pre-machined clamping surfaces
- Jaw can be used with or without spring leaves
- Spring leaves plugged with 1-Click
- High clamping accuracy for parallel and accurate angle machining
- Threaded holes for screw-on parallels
- Click system on the high side

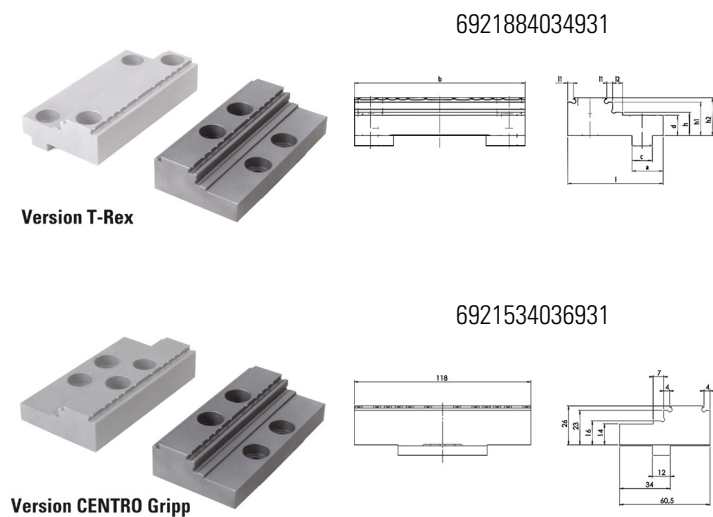
Size	125 fixed	125 movable
Art.No.	6921884106031	6921884102031
Clamping range S1 min.	TeleSense 125	0 - 101,2
Clamping range S2 min.	TeleSense 125	65,5 - 170,5
Clamping range S3 min.	TeleSense 125	13,5 - 118,5
Clamping range S1 min.	T-Rex	0 - 82
Clamping range S2 min.	T-Rex	18 - 100
Clamping range S3 min.	T-Rex	45 - 127
Clamping range S4 min.	T-Rex	0 - 61
Clamping range S5 min.	T-Rex	23 - 88
Clamping range S1 min.	CentroGripp	47 - 139
Clamping range S2 min.	CentroGripp	115 - 207
Clamping range S3 min.	CentroGripp	0 - 88
Clamping range S4 min.	CentroGripp	0 - 70
Clamping range S5 min.	CentroGripp	64 - 156
Clamping range S6 min.	CentroGripp	46 - 138
Weight	kg	1,7
a	mm	14
b	mm	90
c	mm	19
d	mm	59
e	mm	16
f	mm	21
g	mm	8,8
h	mm	34

Suitable accessories

	125 fixed	125 movable
Spring leaves	Art.No.	6921884103031

ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.

JAW RANGE GRIPP

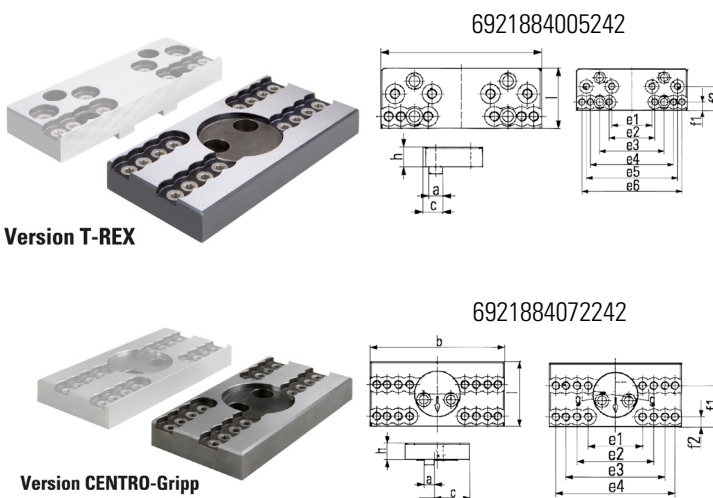


Size		125 fixed	125 movable
Art.No.		6921884034931	6921534036931
Clamping range S1 min.	TeleSense 125		18,5 - 123,5
Clamping range S2 min.	TeleSense 125		86,5 - 191,5
Clamping range S3 min.	TeleSense 125		12,5 - 117,5
Clamping range S4 min.	TeleSense 125		80,5 - 185,5
Clamping range S1 min.	T-Rex		11 - 68
Clamping range S2 min.	T-Rex		95 - 172
Clamping range S3 min.	T-Rex		44 - 102
Clamping range S1 min.	CentroGripp		148 - 226
Clamping range S2 min.	CentroGripp		80 - 158
Clamping range S3 min.	CentroGripp		15 - 90
Clamping range S4 min.	CentroGripp		80 - 158
Weight	kg	1,3	1,2
a	mm	21,5	34
b	mm	118	118
c	mm	14	12
d	mm	14	14
h	mm	16	16
h1	mm	23	23
h2	mm	26	26
l	mm	66	60,6
l1	mm	4	4
l2	mm	7	7

ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.

Gripper jaw with integrated gripper row

- For rectangular workpieces (sawn material) //<= 0.5 mm
- Rigid design to prevent vibrations when parts are clamped upright
- Additional clamping surfaces, ground on both sides
- For five-sided machining, ensuring best possible accessibility to the workpiece
- Positive locking through penetration of the centres into the material
- Minimal lost clamping margin of approx. 4 mm
- Suitable for material strength up to 1.000 N/mm²



Size		125 fixed	125 movable
Art.Nr.		6921884005242	6921884072242
Clamping range S1** min.	TeleSense 125		0 - 157
Clamping range min.	T-Rex		0 - 152
Clamping range min.	T-Rex		88 - 165
Clamping range round	T-Rex		Ø 100 - Ø 160
Clamping range min.	CentroGripp		0 - 195
Clamping range min.	CentroGripp		88 - 165
Clamping range round	CentroGripp		Ø 100 - Ø 230
Weight	kg	1,5	1,8
a	mm	14	12
b	mm	165	165
c	mm	20	35,5
h	mm	20	20
l	mm	61	79
e1	mm	60	68
e2	mm	68	96
e3	mm	96	124
e4	mm	124	149
f1	mm	12	51
f2	mm	35	12

Suitable accessories

		125 fixed	125 movable
Universal gripper set	Art.No.		6921884027031

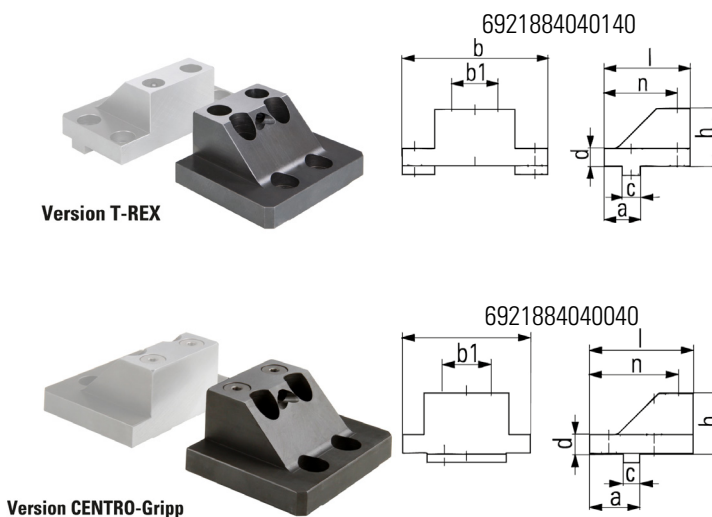
** When using universal grip set

ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.

Support jaws for universal gripper set

- Material: hardened steel
- Front surface can be used as clamping surface (hardened, ground and polished)
- To mount the Universal Grip Set

JAW RANGE GRIPP



Size		125 fixed	125 movable
Art.No.		6921884040140	6921884040040
Clamping range S1 min.	TeleSense 125		0 - 89,5
Clamping range S1 min.	T-Rex		19 - 67
Clamping range S2 min.	T-Rex		61 - 137
Clamping range S3 min.	T-Rex		128 - 208
Clamping range S4 min.	T-Rex		15 - 59
Clamping range S5 min.	T-Rex		120 - 200
Clamping range S1 min.	CentroGripp		196 - 284
Clamping range S2 min.	CentroGripp		128 - 216
Clamping range S3 min.	CentroGripp		21 - 74
Clamping range S4 min.	CentroGripp		0 - 59
Clamping range S5 min.	CentroGripp		54 - 142
Clamping range S6 min.	CentroGripp		35 - 127
Weight	kg	1,6	1,5
a	mm	28	37,5
b	mm	116	96
b1	mm	37	37
c	mm	14	12
d	mm	14	14
h	mm	45	45
l	mm	67	79
n	mm	56	67

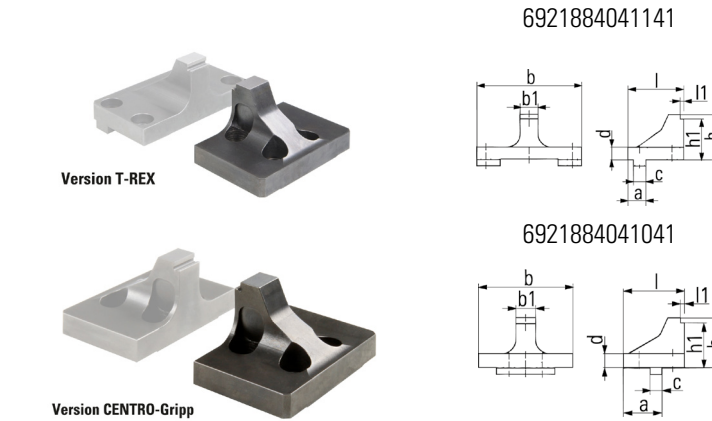
Suitable accessories

		125 fixed	125 movable
Click parallels	Art.No.		6921535035042
Gripp-stud 2-spike h6,7	Art.No.		6921884036000
Gripp-stud 2-spike h5,2	Art.No.		6921884036100
Gripp-stud carbide 2-spike h8,6	Art.No.		6921884036841
Gripp-stud flat carbide coated h6,7	Art.No.		6921884037000
Gripp-stud 2-spike h9,7	Art.No.		6921884036200
Gripp-stud 4-spike h5,2	Art.No.		6921884036300
Gripp-stud round h5,5	Art.No.		6921884038000

ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.

Reduced-width jaw, 64 mm

- Allows unhindered access to the workpiece, even with short tools
- For clamping small to medium sized workpieces
- The clamping of unmachined parts (incl. round material) is supported via 2 adjustable gripp-studs in each case (gripp-studs not supplied with the jaws)
- Jaws with Click system for parallels
- Ground face can be used as clamping surface



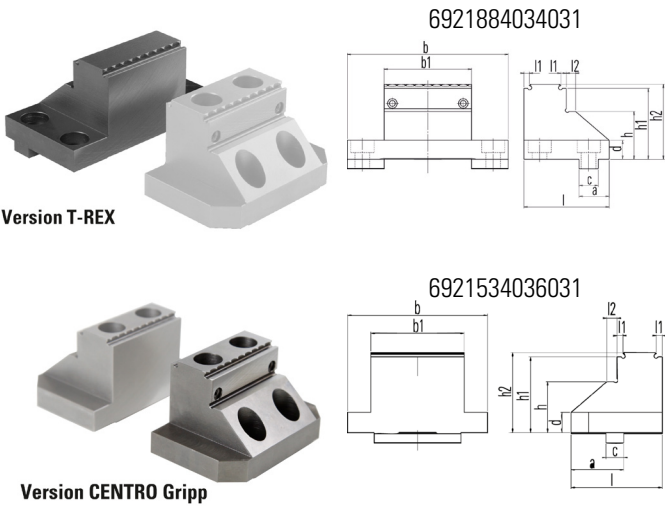
Size		125 fixed	125 movable
Art.No.		6921884041141	6921884041041
Clamping range S1 min.	TeleSense 125		29,5 - 134,5
Clamping range S3 min.	TeleSense 125		21,5 - 126,5
Clamping range S1 min.	T-Rex		9 - 74
Clamping range S1 min.	CentroGripp		12 - 104
Clamping range S2 min.	CentroGripp		80 - 172
Weight	kg	1	1
a	mm	20	39
b	mm	116	96
b1	mm	20	20
c	mm	14	12
d	mm	14	14
h	mm	50	50
h1	mm	45	45
l	mm	62	62
l01	mm	4	4

ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.

Reduced-width jaw, 20 mm

- Material: Hardened steel
- For clamping parallel pre-machined small workpieces
- Further enhanced accessibility to the workpiece thanks to slim, tall shape – also optimal for short tools
- Front surface (step) additionally carbide-coated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surfaces

JAW RANGE GRIPP



Jaw 64 mm, with integrated gripper row

- For rectangular workpieces (sawn material) ≤ 0.5 mm
- Rigid design to prevent vibrations when parts are clamped upright
- Additional clamping surfaces, ground on both sides
- For five-sided machining, ensuring best possible accessibility to the workpiece

Size	125 fixed	125 movable
Art.No.	6921884034031	6921534036031
Clamping range S1 min.	TeleSense 125	18,5 - 123,5
Clamping range S2 min.	TeleSense 125	86,5 - 191,5
Clamping range S3 min.	TeleSense 125	12,5 - 117,5
Clamping range S4 min.	TeleSense 125	805 - 185,5
Clamping range S1 min.	T-Rex	11 - 72
Clamping range S2 min.	T-Rex	93 - 170
Clamping range S3 min.	T-Rex	51 - 106
Clamping range S1 min.	CentroGripp	150 - 226
Clamping range S2 min.	CentroGripp	80 - 158
Clamping range S3 min.	CentroGripp	15 - 92
Clamping range S4 min.	CentroGripp	80 - 160
Weight	kg	1
a	mm	22
b	mm	118
b1	mm	64
c	mm	14
d	mm	14
h	mm	35
h1	mm	52
h2	mm	55
l	mm	62,5
l1	mm	4
l2	mm	7

Suitable accessories

	125 fixed	125 movable
Click parallels	Art.No.	6921535035042

ATTENTION: For the CENTRO Gripp and TeleSense 125 version, the movable jaw is required twice.

Size	125 fixed	125 movable
Art.No.	6921884005042	6921884072042
Clamping range S3** min.	TeleSense 125	27 - 208
Clamping range min.	T-Rex	26 - 185
Clamping range min.	T-Rex	73 - 150
Clamping range round	T-Rex	Ø 80 - Ø 190
Clamping range min.	CentroGripp	25 - 274
Clamping range min.	CentroGripp	73 - 150
Clamping range round	CentroGripp	Ø 80 - Ø 250
Weight	kg	1,3
a	mm	14
b	mm	165
c	mm	20
h	mm	16
l	mm	59
e1	mm	54
e2	mm	86
e3	mm	134
f1	mm	15
f2	mm	28

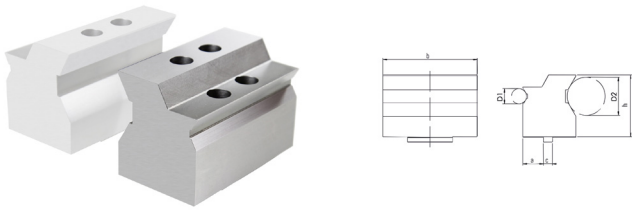
Suitable accessories

	125 fixed	125 mobil
Gripp-stud 2-spike h6,7	Art.No.	6921884036000
Gripp-stud 2-spike h5,2	Art.No.	6921884036100
Gripp-stud carbide 2-spike h8,6	Art.No.	6921884036841
Gripp-stud flat carbide coated h6,7	Art.No.	6921884037000
Gripp-stud 2-spike h9,7	Art.No.	6921884036200
Gripp-stud 4-spike h5,2	Art.No.	6921884036300
Gripp-stud round h5,5	Art.No.	6921884038000

** When using universal grip set

ATTENTION: For the CENTRO Gripp and TeleSense 125 version, the movable jaw is required twice.

JAW RANGE QUICK CHANGE

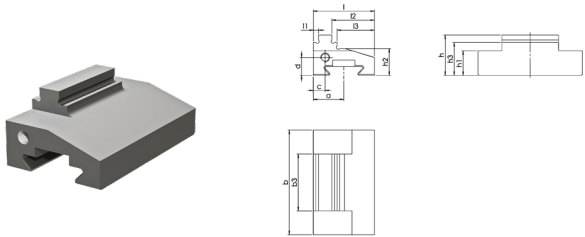


Prismatic jaw, horizontal movable

- Prism angle 120° - shaft height 53 mm on both sides
- Hardened and ground
- Jaws open far enough to allow the workpiece to be removed from above – even at maximum diameter
- Ideally suited for machining keyways on stepped shafts, for example, using two vices side-by-side

Size	125
Art.No.	6921534001031
Clamping range D1 min.	TeleSense 125
Clamping range D2 min.	TeleSense 125
Weight	kg
D1	mm
D2	mm
a	mm
b	mm
c	mm
h	mm

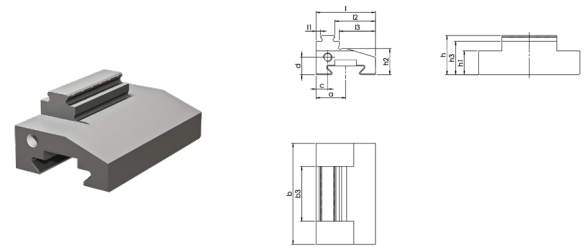
ATTENTION: For the TeleSense 125 version, the movable jaw is required twice.



Step jaw 38 mm, carbide coated mobile

- For clamping parallel pre-machined workpieces
- Clamping surfaces (step) additionally carbide coated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surfaces
- Minimal lost clamping margin of 4 mm

Size	70
Art.No.	6921544020031
Clamping range S1	TeleCentric 70
Clamping range S2	TeleCentric 70
Clamping range S3	TeleCentric 70
Clamping range S4	TeleCentric 70
Clamping range S1	TeleCentric 100
Clamping range S2	TeleCentric 100
Clamping range S3	TeleCentric 100
Clamping range S4	TeleCentric 100
Weight	kg
a	mm
b	mm
b3	mm
c	mm
d	mm
h	mm
h2	mm
h3	mm
l	mm
l1	mm
l2	mm
l3	mm

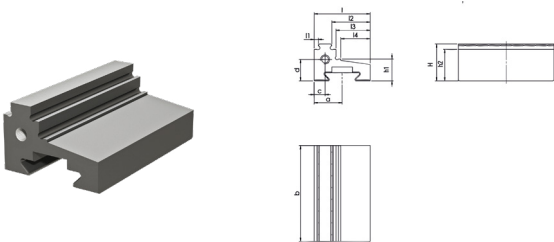


Gripp jaw 38 mm mobile

- For five-sided machining, ensuring best possible accessibility to the workpiece
- For rectangular workpieces (sawn material) // ≤ 0.5 mm
- Positive locking through penetration of the centres into the material without preprint
- Integrated gripper row, rigid design to prevent vibrations especially when parts are clamped upright
- Additional clamping surfaces, ground on both sides
- Suitable for material strength up to 1.000 N/mm²

Size	70
Art.No.	6921544020131
Clamping range S1	TeleCentric 70
Clamping range S2	TeleCentric 70
Clamping range S3	TeleCentric 70
Clamping range S4	TeleCentric 70
Clamping range S1	TeleCentric 100
Clamping range S2	TeleCentric 100
Clamping range S3	TeleCentric 100
Clamping range S4	TeleCentric 100
Weight	kg
a	mm
b	mm
b3	mm
c	mm
d	mm
h	mm
h1	mm
h2	mm
h3	mm
l	mm
l1	mm
l2	mm
l3	mm

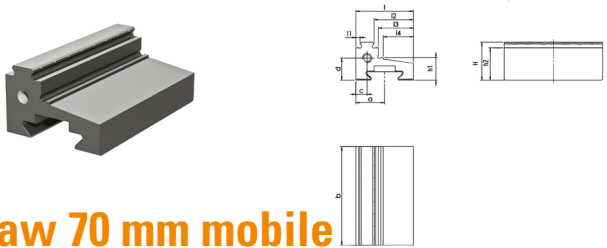
JAW RANGE QUICK CHANGE



Step jaw 70 mm, carbide coated mobile

- For clamping parallel pre-machined workpieces
- Clamping surfaces (step) additionally carbide coated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surface
- Minimal lost clamping margin of 4 mm

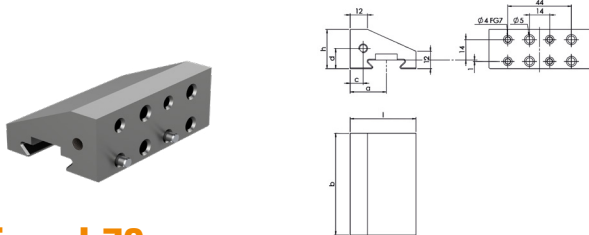
Size	70
Art.No.	6921544010031
Clamping range S1	TeleCentric 70 9 - 78
Clamping range S2	TeleCentric 70 16 - 85
Clamping range S3	TeleCentric 70 59 - 128
Clamping range S4	TeleCentric 70 66 - 135
Clamping range S1	TeleCentric 100 37 - 143
Clamping range S2	TeleCentric 100 87 - 193
Clamping range S3	TeleCentric 100 44 - 149
Clamping range S4	TeleCentric 100 94 - 199
Clamping range S1	TeleCentric 125 53 - 179,5
Clamping range S2	TeleCentric 125 103 - 229,5
Clamping range S3	TeleCentric 125 60 - 186,5
Clamping range S4	TeleCentric 125 110 - 236,5
Gewicht	kg 0,3
a	mm 20,5
b	mm 70
c	mm 8
d	mm 15,7
h	mm 27
h1	mm 16
h2	mm 22
l	mm 41
l1	mm 3,5
l2	mm 28,5
l3	mm 25
l4	mm 21,5



Gripp jaw 70 mm mobile

- For five-sided machining, ensuring best possible accessibility to the workpiece
- For rectangular workpieces (sawn material) // ≤ 0.5 mm
- Positive locking through penetration of the centres into the material without preprint
- Integrated gripper row, rigid design to prevent vibrations especially
- Additional clamping surfaces, ground on both sides
- Suitable for material strength up to 1.000 N/mm²

Size	70
Art.No.	6921544010131
Clamping range S1	TeleCentric 70 9 - 78
Clamping range S2	TeleCentric 70 59 - 128
Clamping range S3	TeleCentric 70 15 - 84
Clamping range S4	TeleCentric 70 65 - 134
Clamping range S1	TeleCentric 100 37 - 143
Clamping range S2	TeleCentric 100 87 - 193
Clamping range S3	TeleCentric 100 44 - 149
Clamping range S4	TeleCentric 100 94 - 199
Clamping range S1	TeleCentric 125 53 - 179,5
Clamping range S2	TeleCentric 125 103 - 229,5
Clamping range S3	TeleCentric 125 60 - 186,5
Clamping range S4	TeleCentric 125 110 - 236,5
Weight	kg 0,3
a	mm 20,5
b	mm 70
c	mm 8
d	mm 15,7
H	mm 27
h1	mm 16
h2	mm 22 / 23
l	mm 41
l1	mm 3
l2	mm 28
l3	mm 25
l4	mm 21,5



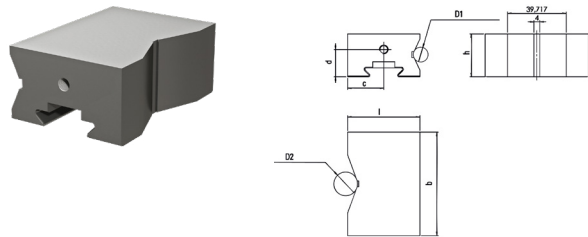
Zero jaw b70

- For TeleCentric 70 K
With this jaw you can clamp parallel pre-machined workpieces with a length of min. 0 - max. 69 mm.
- For TeleCentric 70 M the Clamping range adapter is required to clamp to 0.
Clamping range from min. 0 mm to max. 93 mm can thus be achieved

Size	70
Art.No.	6921544060031
Clamping range S1	TeleCentric 70 0 - 69
Clamping range S1	TeleCentric 100 28 - 134
Weight	kg 0,46
a	mm 25
b	mm 70
c	mm 9
d	mm 14
h	mm 27

- The dowel pins serve as bearing surface and can be set at a height of 176 mm and 191 mm
- Minimum clamping edge loss: 20 mm at height 176 mm
5 mm at height 191 mm

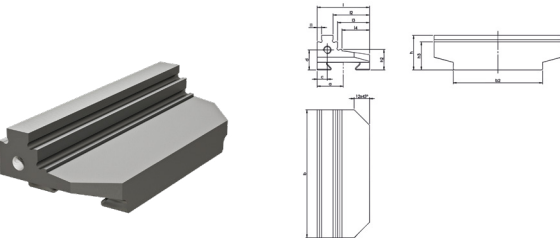
JAW RANGE QUICK CHANGE



Prismatic jaw 70 mm mobile

- For horizontal and vertical clamping of round and flat workpieces

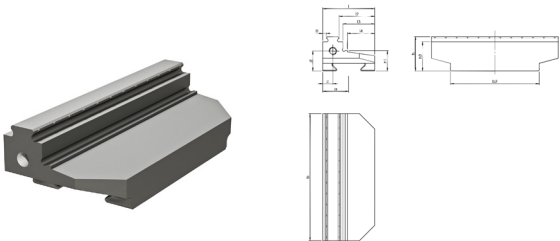
Size	70
Art.No.	6921544090031
Clamping range D1	TeleCentric 70 Ø 10 - Ø 40
Clamping range D2	TeleCentric 70 Ø 16 - Ø 80
Clamping range D1	TeleCentric 100 Ø 35 - Ø 40
Clamping range D2	TeleCentric 100 Ø 45 - Ø 110
Clamping range D1	TeleCentric 125 Ø 10 - Ø 31
Clamping range D2	TeleCentric 125 Ø 16 - Ø 174
Weight	kg 0,6
b	mm 70
c	mm 24,5
d	mm 18,5
h	mm 29



Step jaw 100 mm, carbide coated mobile

- For clamping parallel pre-machined workpieces
- Clamping surfaces (step) additionally carbide coated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surface
- Minimal lost clamping margin of 4 mm

Size	70
Art.No.	6921544030031
Clamping range S1	TeleCentric 70 9 - 78
Clamping range S2	TeleCentric 70 59 - 128
Clamping range S3	TeleCentric 70 16 - 85
Clamping range S4	TeleCentric 70 66 - 135
Weight	kg 0,4
a	mm 20,5
b	mm 100
b2	mm 70
c	mm 8
d	mm 15,7
h	mm 27
h2	mm 16
h3	mm 22
l	mm 41
l1	mm 3,5
l2	mm 28,5
l3	mm 25
l4	mm 21,5

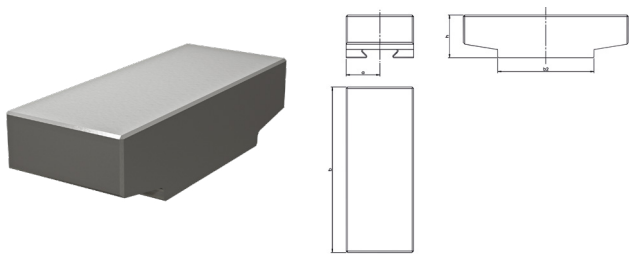


Gripp jaw 100 mm mobile

- For five-sided machining, ensuring best possible accessibility to the workpiece
- For rectangular workpieces (sawn material) ≤ 0.5 mm
- Positive locking through penetration of the centres into the material without preprint
- Integrated gripper row, rigid design to prevent vibrations especially when parts are clamped upright
- Additional clamping surface, ground on both sides
- Suitable for material strength up to 1.000 N/mm²

Size	70
Art.No.	6921544030131
Clamping range S1	TeleCentric 70 9 - 78
Clamping range S2	TeleCentric 70 58 - 128
Clamping range S3	TeleCentric 70 15 - 84
Clamping range S4	TeleCentric 70 65 - 134
Weight	kg 0,4
a	mm 20,5
b	mm 100
b2	mm 70
c	mm 8
d	mm 11,3
h	mm 27
h1	mm 16
h2	mm 23
l	mm 41
l1	mm 3
l2	mm 28
l3	mm 25
l4	mm 21,5

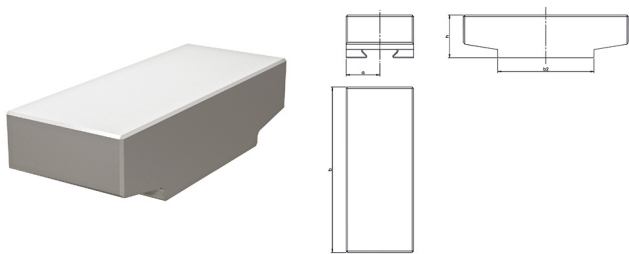
JAW RANGE QUICK CHANGE



Soft jaw 120 mm mobile Steel

- Material: steel 21MnCr5G
- Jaws can be case-hardened
- For production of special jaws by the customer

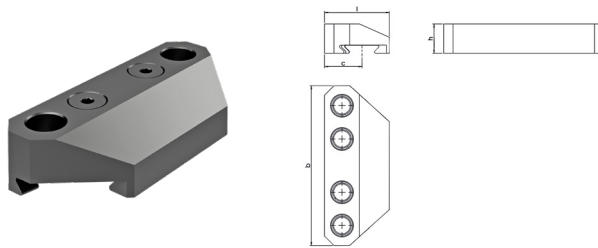
Size		70
Art.No.		6921544080031
Clamping range S1	TeleCentric 70	0 - 70
Clamping range S2	TeleCentric 70	0 - 70
Weight	kg	1,2
a	mm	24,5
b	mm	120
b2	mm	70
h	mm	31



Soft jaw 120 mm mobile Aluminum

- Material: Aluminum AlZn5.5MgCu
- For production of special jaws by the customer

Size		70
Art.No.		6921544081031
Clamping range S1	TeleCentric 70	0 - 70
Clamping range S2	TeleCentric 70	0 - 70
Weight	kg	1,2
a	mm	24,5
b	mm	120
b2	mm	70
h	mm	31

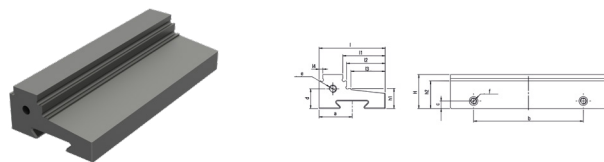


Support jaw b120

- For clamping raw parts, irregular and round workpieces
- For the mounting of various gripper studs (pointed/smooth)
- Material: hardened steel

Size		70
Art.No.		6921544070042
Clamping range S1	TeleCentric 70	24 - 82
Clamping range S2	TeleCentric 70	77 - 142
Clamping range D1	TeleCentric 70	Ø 50 - Ø 90
Clamping range D2	TeleCentric 70	Ø 84 - Ø 165
Clamping range S1	TeleCentric 100	42 - 147
Clamping range S2	TeleCentric 100	102 - 207
Clamping range D1	TeleCentric 100	Ø 64 - Ø 170
Clamping range D2	TeleCentric 100	Ø 117 - Ø 225
Clamping range S1	TeleCentric 125	58 - 184
Clamping range S2	TeleCentric 125	118 - 244
Clamping range D1	TeleCentric 125	Ø 52 - Ø 102
Clamping range D2	TeleCentric 125	Ø 75 - Ø 128
Weight	kg	0,6
b	mm	120
c	mm	28
h	mm	22
l	mm	48,5

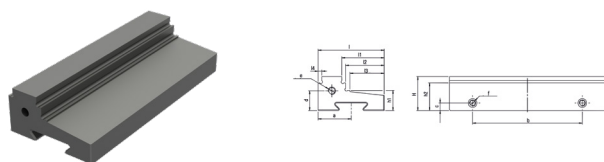
APPLICATIONS



Step jaw b125 smooth

- Material: hardened steel
- Clamping surfaces (step) additionally carbide coated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surface
- Clamping margin of 5 mm
- 2x M5 threads for mounting of parallels
- 2x thread M6 for workpiece stop

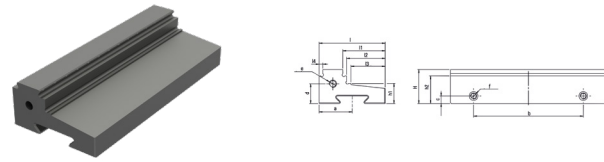
Size		125
Art.No.		6921554010031
Clamping range S1	TeleCentric 125	42 - 167
Clamping range S3	TeleCentric 125	104 - 229
Clamping range S2	TeleCentric 125	48 - 173
Clamping range S4	TeleCentric 125	110 - 235
Weight	kg	0,8
a	mm	26,5
b	mm	88
c	mm	6
d	mm	15,7
e	mm	M6 (2x)
f	mm	M5 (2x)
H	mm	27
h1	mm	16
h2	mm	23
l	mm	53
l1	mm	34
l2	mm	31
l3	mm	13
l4	mm	3



Step jaw b125 carbide coated

- Material: hardened steel
- Clamping surfaces (step) additionally carbide coated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surface
- Clamping margin of 5 mm
- 2x M5 threads for mounting of parallels
- 2x thread M6 for workpiece stop

Size		125
Art.No.		6921554010331
Clamping range S1	TeleCentric 125	42 - 167
Clamping range S3	TeleCentric 125	104 - 229
Clamping range S2	TeleCentric 125	48 - 173
Clamping range S4	TeleCentric 125	110 - 235
Weight	kg	0,8
a	mm	26,5
b	mm	88
c	mm	6
d	mm	15,7
e	mm	M6 (2x)
f	mm	M5 (2x)
H	mm	27
h1	mm	16
h2	mm	22
l	mm	53
l1	mm	34
l2	mm	31
l3	mm	13
l4	mm	3

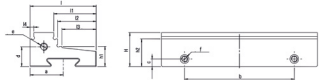
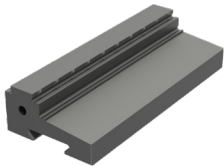


Gripp-jaw b125 for fine indentation

- Material: hardened steel
- Positive locking through penetration of the centres into the material without preprint
- Integrated gripp-row, rigid design to prevent vibrations especially when parts are clamped upright
- Important: Only use together with the clamping range adapter 125 right (drive)

Size		125
Art.No.		6921554010131
Clamping range S1	TeleCentric 125	42 - 167
Clamping range S3	TeleCentric 125	104 - 229
Clamping range S2	TeleCentric 125	48 - 173
Clamping range S4	TeleCentric 125	110 - 235
Weight	kg	0,8
a	mm	26,5
b	mm	88
c	mm	6
d	mm	15,7
e	mm	M6 (2x)
f	mm	M5 (2x)
H	mm	27
h1	mm	16
h2	mm	23
l	mm	53
l1	mm	34
l2	mm	31
l3	mm	27,5
l4	mm	3

JAW RANGE QUICK CHANGE

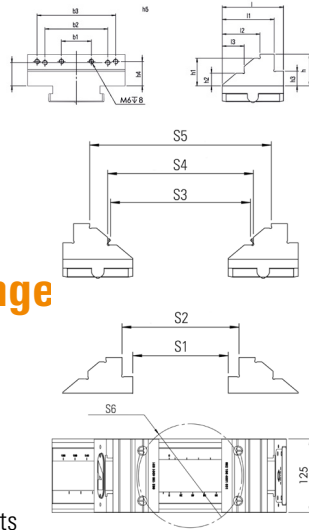


Gripp-jaw b125 for strong indentation

- Material: hardened steel
- Positive locking through penetration of the centres into the material without preprint
- Integrated gripp-row, rigid design to prevent vibrations especially when parts are clamped upright
- Suitable for material strength of up to 1.000 N/mm²
- Additional clamping surfaces, ground on both sides
- Clamping margin of 4 mm
- 2x M5 threads for mounting of parallels
- 2x thread M6 for workpiece stop

Size		125
Art.No.		6921554010231
Clamping range S1	TeleCentric 125	42 - 167
Clamping range S3	TeleCentric 125	104 - 229
Clamping range S2	TeleCentric 125	48 - 173
Clamping range S4	TeleCentric 125	110 - 235
Weight	kg	0,8
a	mm	26,5
b	mm	88
c	mm	6
d	mm	15,7
e	mm	M6 (2x)
f	mm	M5 (2x)
H	mm	27
h1	mm	16
h2	mm	23
l	mm	53
l1	mm	34
l2	mm	31
l3	mm	27,5
l4	mm	3

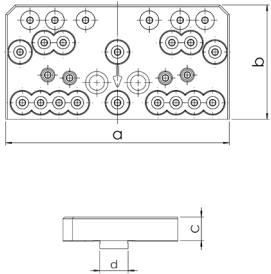
JAW RANGE QUICK CHANGE



Universal quick change jaw 125

- Material: hardened steel
- Functions as step jaw for clamping pre-machined workpieces
- Functions as mould jaw for round parts
- Gripp-strip can be attached for clamping close to the edge for materials up to 1.000 N/mm²
- Use of all gripp-studs of the Titan 2-series possible (except gripp-stud round h5,5)
- Reliable clamping without pre-stamping

Size		125
Art.No.		6921864001031
Clamping range S1 min.	TeleSense 125	0 - 103
Clamping range S2 min.	TeleSense 125	27 - 127
Clamping range S3 min.	TeleSense 125	52 - 152
Clamping range S4 min.	TeleSense 125	59 - 159
Clamping range S5 min.	TeleSense 125	99 - 199
Clamping range S6 min.	TeleSense 125	Ø 150 - Ø 240
b	mm	125
b1	mm	38
b2	mm	80
b3	mm	100
l	mm	78
l1	mm	66
l2	mm	48
l3	mm	28
h	mm	40
h1	mm	35
h2	mm	16
h3	mm	18,5
h4	mm	30,75
h5	mm	29,25
m		Ø M6

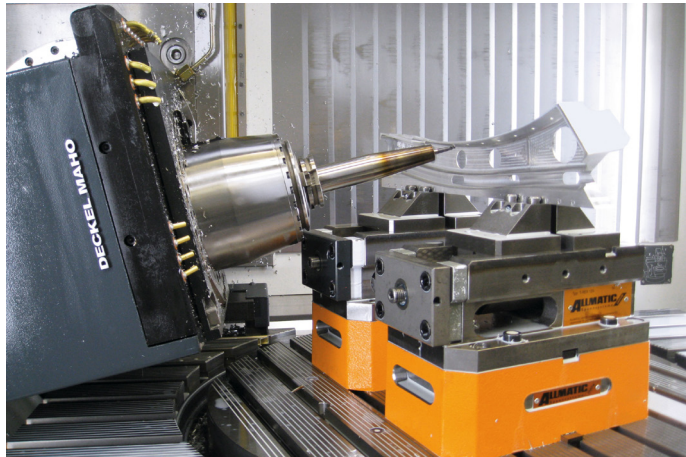
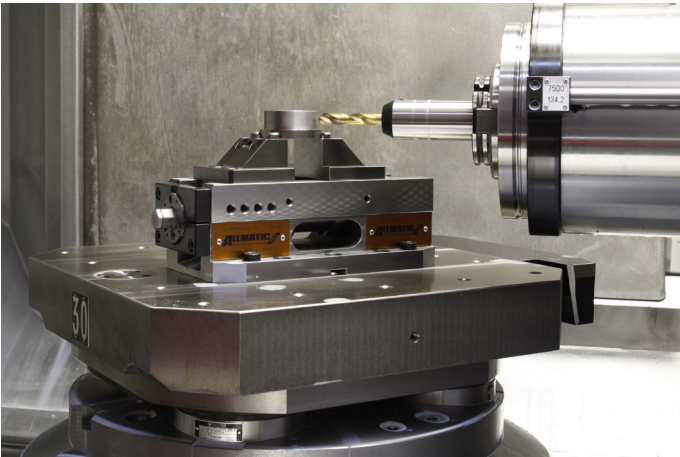
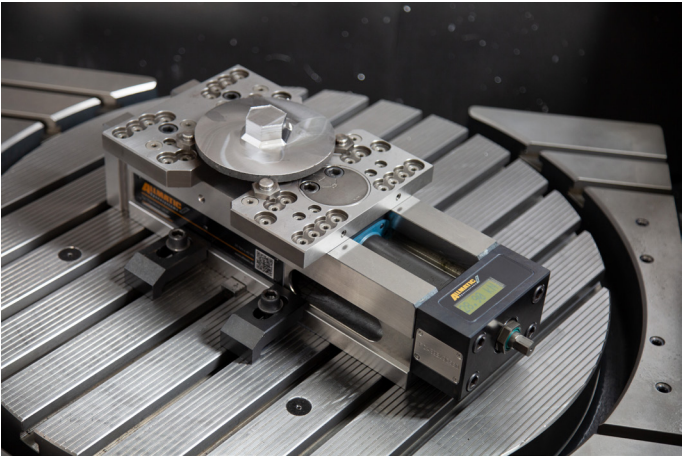
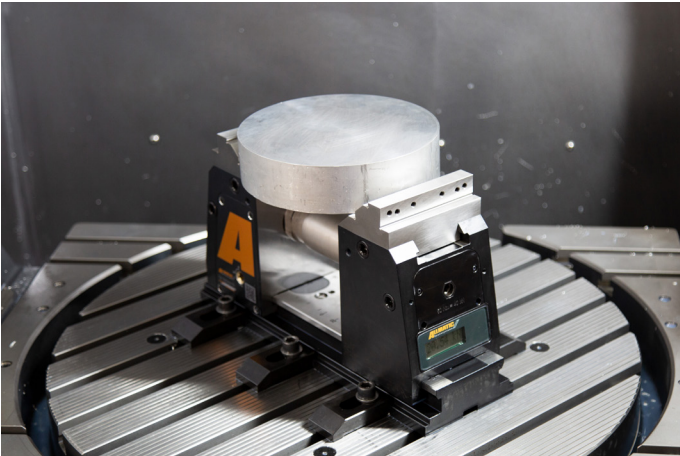


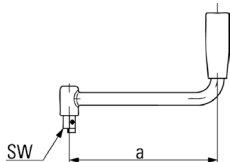
Support jaw movable

- Material: hardened steel
- For mounting various pull-down wedge elements, universal gripper set and gripp-studs
- Reliable clamping without pre-stamping

Size		125	125	125	125
		6921734072942	6921734072942 with pull-down	6921734072942 with universal gripper set	6921734072942 with gripp-stud
Art.No.					
Clamping range rectangular WP	TeleSense 125	0 - 76,5			
Clamping range round WP	TeleSense 125	Ø 70 - Ø 270			
Clamping range rectangular WP	Titan SC		28 - 320	25 - 310	28 - 320
Clamping range round WP	Titan SC		Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330
Clamping range rectangular WP	Titan 2K		28 - 202	25 - 192	28 - 202
Clamping range round WP	Titan 2K		Ø 70 - Ø 240	Ø 70 - Ø 240	Ø 70 - Ø 240
Clamping range rectangular WP	TITAN 2M/TitanSense 125 M		28 - 320	25 - 310	28 - 320
Clamping range round WP	TITAN 2M/TitanSense 125 M		Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330
Clamping range rectangular WP	TITAN 2L/TitanSense 125 L		28 - 452	25 - 442	28 - 452
Clamping range round WP	TITAN 2L/TitanSense 125 L		Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330
Clamping range rectangular WP	NC8 125 M Hydro		28 - 320	25 - 310	28 - 320
Clamping range round WP	NC8 125 M Hydro		Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330
Clamping range rectangular WP	NC8 125 L Hydro		28 - 452	25 - 442	28 - 452
Clamping range round WP	NC8 125 L Hydro		Ø 70 - Ø 330	Ø 70 - Ø 330	Ø 70 - Ø 330
a	mm			189	
b	mm			97	
c	mm			20	
d	mm			24	

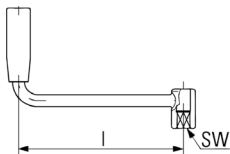
APPLICATIONS





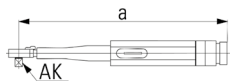
Hand crank

HD / Size	100	125	160	200
Art.No.	6923015000131	6923025000131	6923045000142	
Weight	kg 0,3	0,4	0,5	
Wrench size	mm 12	14	17	
a	mm 147	178	220	



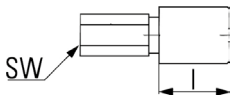
Hand crank

NC8 / DUO 90 / Size	90	125	160	200	200 HD
Art.No.	6921685508031				
Weight	kg	0,4			
Wrench size	mm	14			
a	mm	180			



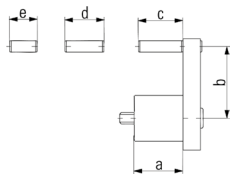
Torque wrench

Typ	T-Rex	TITAN	DUO Plus 125	TeleCentric 70 K/M	CentroGripp
Art.No.		0651114113188			0651114113153
Weight	kg	0,4			1,2
Torque	Nm	10 - 60			20 - 120
AK	inch	3/8"			1/2"
a	mm	307			410



Hexagonal extension

Size	NC8 90 - 200 mm	TC/LC 125 - 200 MM	NC8 90 - 200 mm	TC/LC 125 - 200 MM
Art.No.	6921685512040		6921685512140	
Weight	kg	0,1	0,2	
Wrench size	mm	14	14	
l	mm	30	60	

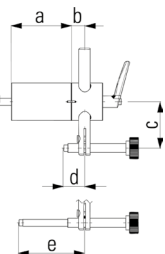


Workpiece stop

Size	90	100	125	125 M/L	160	200	200 HD
Art.No.	6921685670042						
Weight	kg		0,4				
a	mm		34				
b	mm		27 - 59				
c	mm		31				
d	mm		27				
e	mm		19				

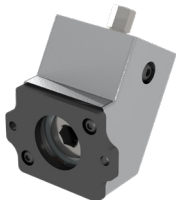
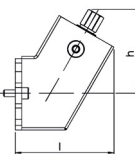
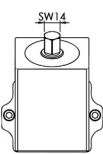
Workpiece stop

Size	90	100	125	125 M/L	160	200	200 HD
Art.No.	6921285650144						
Weight	kg		1,4				
a	mm		67				
b	mm		15				
c	mm		33 - 92				
d	mm		12 - 63,5				
e	mm		53,5 - 113,5				



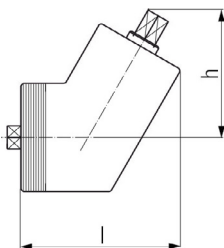
Angular drive

NC8 / Size	90	125	160	200
Art.No.	6921905700043	6921685700543		
Weight	kg	1,5	1,7	
Wrench size	mm	14	14	
h	mm	74	74	
l	mm	87	96	



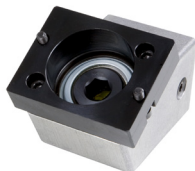
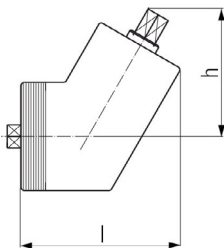
Angular drive

TC/LC / Size	90	125	160	200
Art.No.	6921675700043	6921285700143		
Weight	kg	1,6	1,9	
Wrench size	mm	12	14	
h	mm	75	75	
l	mm	87	97	



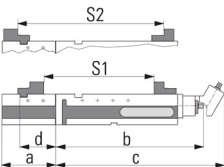
Angular drive

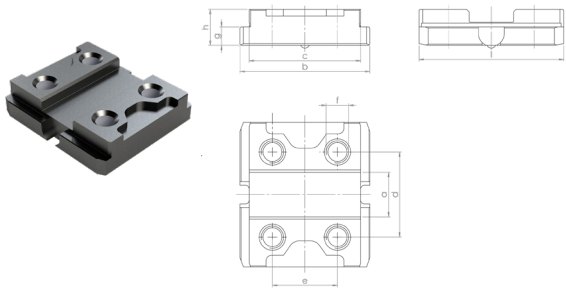
DUO / Size	90	125
Art.No.	6921485700043	
Weight	kg	1,9
Wrench size	mm	14
h	mm	75
l	mm	102



Clamping range enlargement

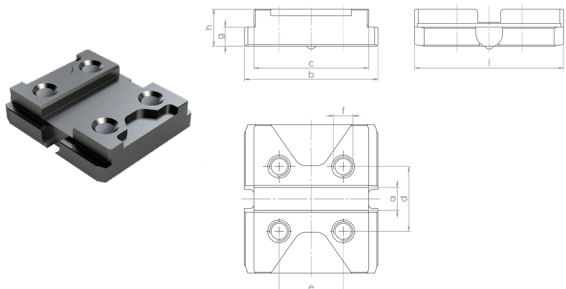
NC/TC/NC8/TITAN/Size	125	160
Art.No.	6921685008055	6921705008055
Weight	kg	10,9
Clamping range S1	mm	179 - 361
Clamping range S2	mm	310 - 492
a	mm	176
b	mm	483
c	mm	558
d	mm	117





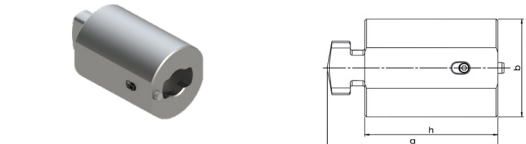
Jaw adapter for NC8/TITAN 2

Size	TeleSense 125		TeleSense 125	
Art.No.	6921861070031		6921861070031	
Weight	kg	0,65	e	mm
a	mm	24	g	mm
b	mm	70	h	mm
c	mm	60	i	mm
d	mm	46		



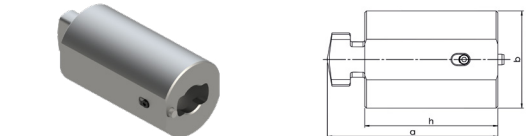
Jaw adapter for CentroGripp/T-Rex

Size	TeleSense 125		TeleSense 125	
Art.No.	6921864070031		6921864070031	
Weight	kg	0,65	e	mm
a	mm	12	g	mm
b	mm	70	h	mm
c	mm	60	i	mm
d	mm	34		



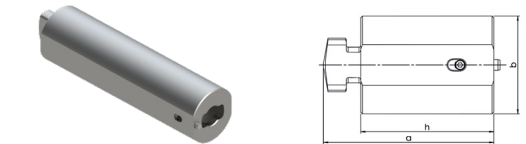
Spindle extension 75 mm

Size	TeleSense 125	
Art.No.	6922861002055	
Weight	kg	1,4
a	mm	96
b	mm	Ø55
h	mm	75



Spindle extension 98 mm

Size	TeleSense 125	
Art.No.	6922861002155	
Weight	kg	1,7
a	mm	119
b	mm	Ø55
h	mm	98



Spindle extension 198 mm

Size	TeleSense 125	
Art.No.	6922861002255	
Weight	kg	3,5
a	mm	219
b	mm	Ø55
h	mm	198

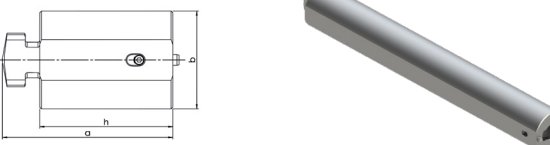
Spindle extension 298 mm

Size	TeleSense 125	
Art.No.	6922861002355	
Weight	kg	5,3
a	mm	319
b	mm	Ø55
h	mm	298



Spindle extension 398 mm

Size	TeleSense 125	
Art.No.	6922861002455	
Weight	kg	7,1
a	mm	419
b	mm	Ø55
h	mm	398



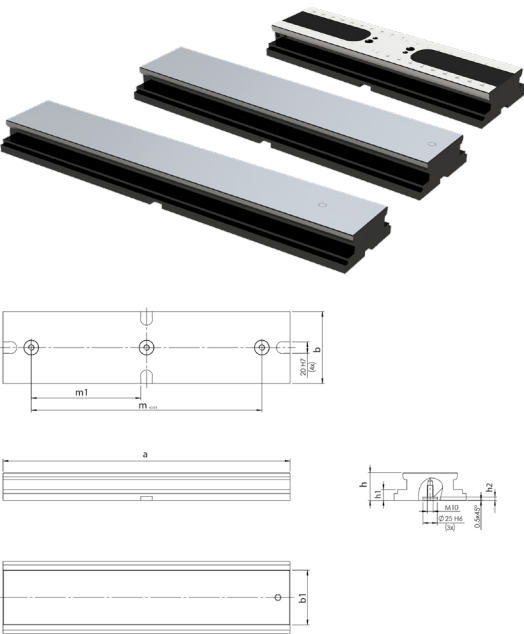
Spindle extension 473mm

Size	TeleSense 125	
Art.No.	6922861002555	
Weight	kg	8,5
a	mm	494
b	mm	Ø55
h	mm	473



Base body for extending the clamping range of the TeleSense 125

Size		Base part L400	Base part L500	Base part L600
Art.No.		6921861000055	6921861000555	6921861000655
Weight	kg	14,5	18,5	22,5
a	mm	398	498	598
b	mm	125		
b1	mm	95		
h	mm	48		
h1	mm	19		
h2	mm	6		
m	mm	200	400	400
m1	mm	90	190	190

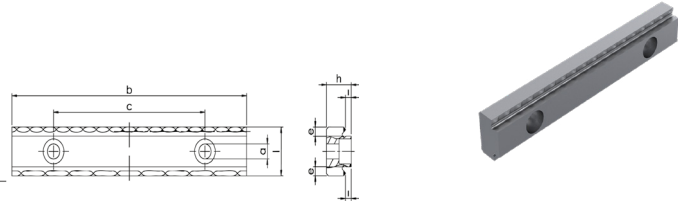


Compatibility matrix TeleSense accessories

Accessories	Art.No.	TeleSense 6921868000055	TeleSense Connect 692 186 8000 066	TeleSense Compact 692 186 8010 055
Parallels h122 (Pair)	6921865015031	✗	✗	✓
Parallels h149 (Pair)	6921865005231	✓	✓	✗
Parallels h154 (Pair)	6921865005331	✓	✓	✗
Parallels h159 (Pair)	6921865005431	✓	✓	✗
Pull-down parallels h148 (Pair)	6921865015131	✗	✗	✓
Smooth strip 125 carbide coated	6921864010131	✓	✓	✓
Gripp-strip 125 reversible	6921864010031	✓	✓	✓
Hand Crank SW10	6921865508131	✓	✓	✓

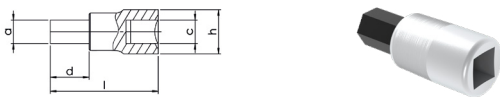
Gripp-strip 125 reversible

Size	TeleSense 125
Art.No.	6921864010031
Weight	kg 0,2
a	mm M6
b	mm 124
c	mm 80
e	mm 4
h	mm 13
i	mm 3
l	mm 21,5



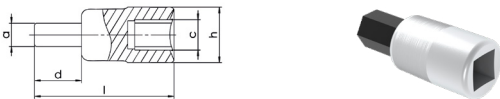
Hexagonal socket 10-3/8 inch

Size	TeleSense 125
Art.No.	0651130411610
Weight	kg 0,2
a	mm SW10
c	in 3/8"
d	mm 16,8
h	mm Ø19
l	mm 46,8



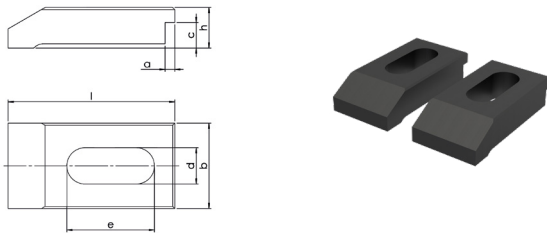
Hexagonal socket 10-1/2 inch

Size	TeleSense 125
Art.No.	0651130411710
Weight	kg 0,3
a	mm SW10
c	in 1/2"
d	mm 20,3
h	mm Ø 23,8
l	mm 60,3



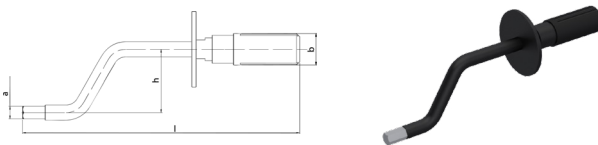
Side clamps (pair)

Size	TeleSense 125
Art.No.	6921865000031
Weight	kg 0,6
a	mm 4,5
b	mm 40
c	mm 12
d	mm 17
e	mm 41
h	mm 19
l	mm 78

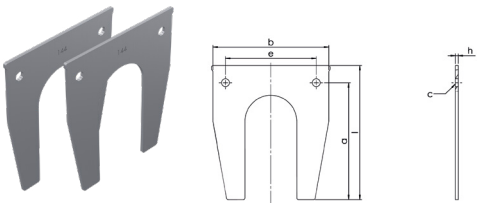


Hand Crank WS10

Size	TeleSense 125
Art.No.	6921865508131
Weight	kg 0,25
a	mm SW10
b	mm Ø 25
h	mm 50
l	mm 221

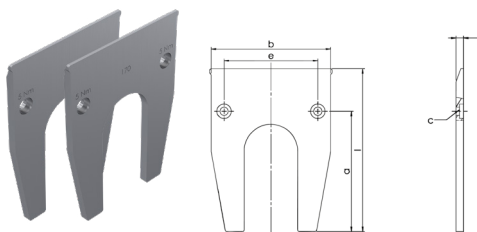


Parallels (pair)



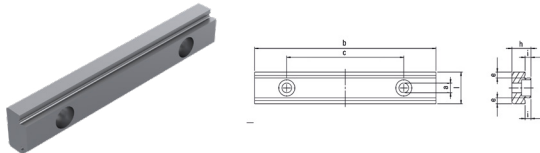
Size	TeleSense 125			
Art.No.	6921865005031	6921865005231	6921865005331	6921865005431
Weight	kg 0,3	0,3	0,3	0,3
a	mm 125,5	125,5	125,5	125,5
b	mm 124	124	124	124
c	mm M8	M8	M8	M8
e	mm 98	98	98	98
h	mm 3	3	3	3
l	mm 144	149	154	159

Pull-down parallels h170 & h140 (pair)



Size	TeleSense 125	
Art.No.	6921865005131	6921865015131
Weight	kg 0,9	0,9
a	mm 125,5	103,5
b	mm 124	124
c	mm M8	M8
e	mm 98	98
h	mm 7,8	7,8
l	mm 170	148

Smooth strip 125 carbide coated



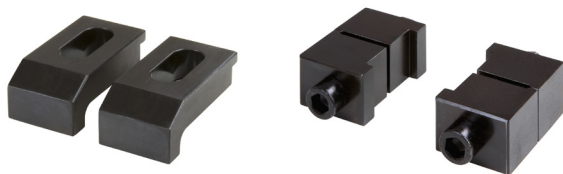
Size	TeleSense 125
Art.No.	6921864010131
Weight	kg 0,2
a	mm M6
b	mm 124
c	mm 80
e	mm 4
h	mm 13
i	mm 4
l	mm 21,5

ACCESSORIES



Clamping range adapter 100 / 125

TeleCentric / Size	100	125
Art.No.	6921565008042	6921555008042
Weight	kg 0,8	0,9
Clamping range S1 with zero jaw	mm 0 - 93	
Clamping range S1 with step jaw	mm 12 - 116	11 - 132
Clamping range S2 with step jaw	mm 62 - 166	73 - 194



Side clamps

HD / Size	90	100	125	160	200
Art.No.	6921015000231			0692102500031	
Weight	kg 0,6			0,6	

DUO Side clamps

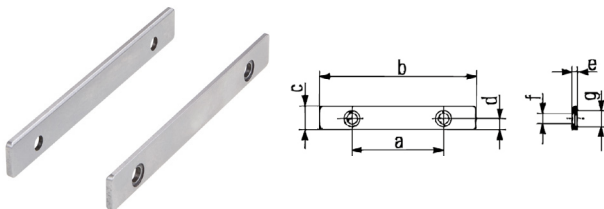
NC8 / Size	90	100	125	160	200
Art.No.	6921675000031			692128500031	
Weight	kg 0,9			1,2	



Aligning and fixing set

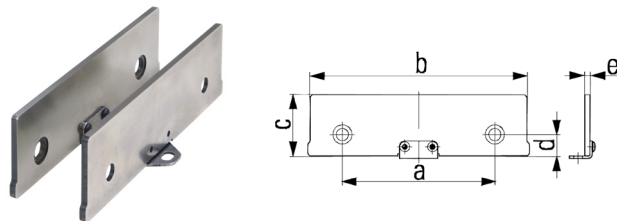
Mounting pallet and machine table	T-Nut 12 / M10	T-Nut 14 / M12	T-Nut 16 / M14	T-Nut 18 / M16	T-Nut 22 / M16
Art.No.	6921285600031	6921285601031	6921285602031	6921285603031	6921285607031
Weight	kg 0,5	0,7	0,9	1	2

Mounting lower part TeleCentric	T-Nut 14 / M12	T-Nut 16 / M12	T-Nut 18 / M 12
Art.No.	6921545611031	6921545612031	6921545613031
Weight	kg 0,3	0,3	0,3



Parallels (pair)

Size	h13	h15	h19
Art.No.	6921475013031	6921485015031	6921305019031
Weight	kg 0,1	0,2	0,2
a	mm 52	88	88
b	mm 89	124	160
c	mm 13	15	19
d	mm 6	6	6
e	mm 3	3	3
f	mm Ø 6	Ø 6	Ø 6
g	mm Ø 9	Ø 9	Ø 9



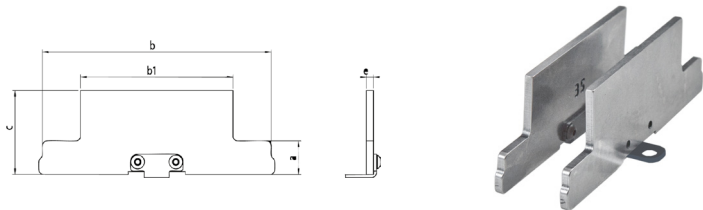
Click parallels (pair)

Size	90		160	
Art.No.	6921175016042	6921175029042	6921205025042	6921205044042
Weight	kg 0,1	0,2	0,3	0,4
a	mm 48	48	88	88
b	mm 90	90	160	160
c-0,01	mm 16	29	25	44
d	mm 8,75	8,75	12,25	12,25
e	mm 3	3	3	3
Size	125		160	
Art.No.	6921185020042	6921185035042	6921185025042	6921185030042
Weight	kg 0,2	0,3	0,25	0,25
a	mm 88	88	88	88
b	mm 125	125	125	125
c-0,01	mm 20	35	25	30
d	mm 12,25	12,25	12,25	12,25
e	mm 3	3	3	3

ACCESSORIES

Click parallels (pair)

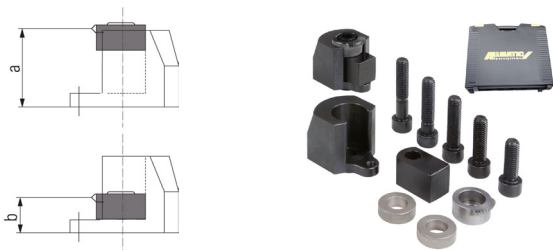
Size	125
Art.No.	6921535035042
Weight	kg 0,2
a	mm 14
b	mm 96
b1	mm 64
c	mm 35
e	mm 3



Universal gripper set

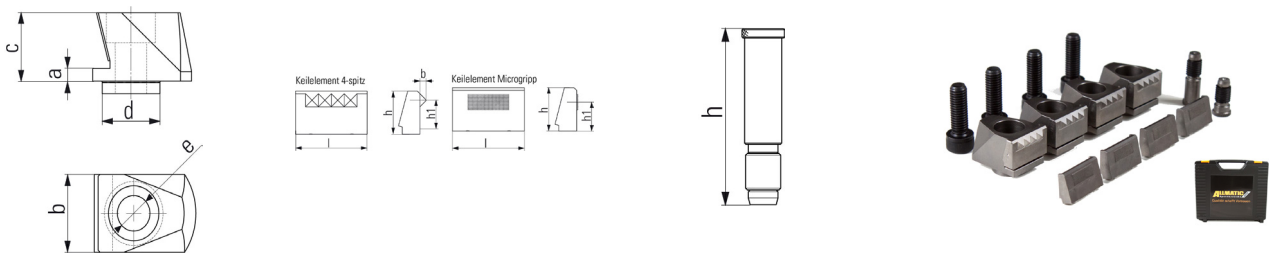
- For clamping complex unmachined parts
- By reworking the individual elements, both grip height and support height can be changed

Size	125	160
Art.No.	6921884027031	
Weight	kg 4,5	
a	mm 40	
b	mm 18	



Pull-down set case

- Pull-down elements suitable for clamping and pulling down clamping surfaces that are unmachined or pre-machined onto the guideway or onto the supplied clamping bolts
- In this way workpieces can be clamped almost exactly parallel to the guideway for machining
- The direct contact to the clamping bolts largely avoids vibrations in the workpiece
- Attention: wedge adapter, wedge elements and support pins are available seperatly and in different heights

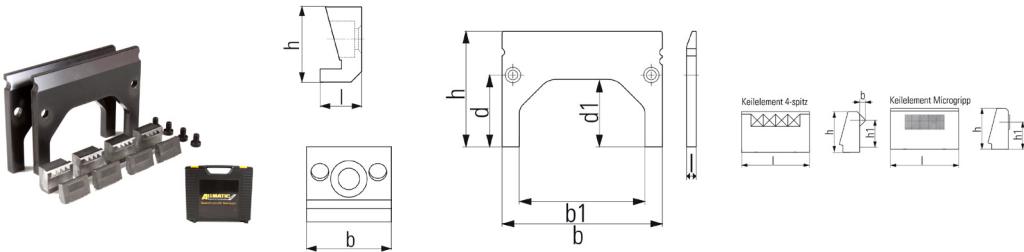


Size		125	125	160	125	125	160
Art.No.		6921734027031	6921734027131	69217344027231	6921734028031	6921734028131	69217344027231
Description		Pull-down set for raw parts (low)	Pull-down set for raw parts (high)	Pull-down set for raw parts (160)	Pull-down set for raw and pre-machined parts (low)	Pull-down set for raw and pre-machined parts (high)	Pull-down set for raw and pre-machined parts (160)
Weight	kg	1,6	2	2	2	2,6	2,7
Wedge adapter							
a	mm	4	18		4	18	
b	mm	24	24		24	24	
c	mm	21,7	35,7		21,7	35,7	
d		Ø 20	Ø 20		Ø 20	Ø 20	
e	mm	Ø 11	Ø 11		Ø 11	Ø 11	
Wedge element							
b	mm	2,4					
h	mm	16,5					
h1	mm	13 rsp. 11					
l	mm	27,8					
Support pin							
h	mm	23 rsp.. 34	34 rsp.. 48	34 rsp. 53	23 rsp. 34	34 rsp. 48	34 rsp. 53

Size	125	
Art.No.	6921734027031	
Description	Kofferset für 5-Seiten Backe	
Weight	kg	1,8
Wedge adapter		
b	mm	24,15
h	mm	21,45
l	mm	11,8
Wedge element		
b	mm	2,4
h	mm	16,5
h1	mm	13
l	mm	27,8
Insertable plate		
b	mm	125
b1	mm	98
d	mm	56
d1	mm	53
h	mm	90
l	mm	7,6

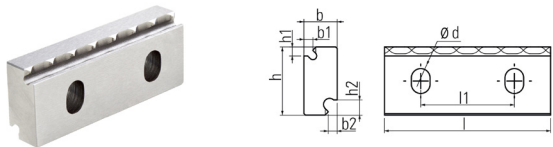
Storage set for
five-side-machining jaw

- Pull-down elements suitable for clamping and pulling unmachined clamping surfaces down onto the guideway or onto the supplied 90 mm support plates
- In this way workpieces can be clamped almost exactly parallel to the guideway for machining
- The direct contact to the support plates largely avoids vibrations in the workpiece
- Attention: Wedge adapter, wedge elements and insertable plate are available separatly and in different heights



Gripp-strip reversible

- Gripper strip can be reversed for mounting on the 5-sided machining jaw (4 of them are required)
- For clamping unmachined parts close to the edge, 3 or 5 mm



Size	125	
Art.No.	6921734036031	
Weight	kg	0,1
b	mm	11
b1	mm	3
b2	mm	3
d	mm	6,2
h	mm	22,5
h1	mm	3
h2	mm	5
l	mm	55
l1	mm	31

Gripp-studs



	Gripp-stud 2-spike h6,7	Gripp-stud 2-spike h5,2	Gripp-stud 2-spike h9,7	Gripp-stud 4-spike fine h5,2	Gripp-stud carbide 2-spike h8,6	Gripp-stud round h5,5	Gripp-stud flat car- bide coated h6,7
Article number	692 188 4036 000	692 188 4036 100	692 188 4036 200	692 188 4036 300	692 188 4036 841	692 188 4038 000	692 188 4037 000
Max. material strength	1000 N/mm²	1000 N/mm²	1000 N/mm²	1000 N/mm²	1400 N/mm²	1000 N/mm²	unlimited
Max. lost clamping edge (in mm)	6,7	5,2	9,7	5,2	8,6	5,5	6,7
Max. gripping height (in mm)	5,0	3,5	8,0	4,1	4,7	4,1	
Special features	Standard, Allrounder	Smallest lost clamping edge	Highest gripping height	Optimized for soft workpieces	For high-strength workpieces	6 mm clearance under workpiece (drilling through)	Clamping without indentations

Gripp-Spinner
Art.No.
6921885214000

Ideal for
assembling the
ALLMATIC
gripp-studs

THE LEAP
INTO THE FUTURE

Automation and Industry 4.0



CLAMPING FORCE MONITORING

Digitalisation must take simple things off people’s hands and support them in complex processes. Mapping the clamping force during milling is an interesting example of this.

Monitoring the clamping force at the workpiece allows you to...

- ✓ Safely clamp workpieces - by monitoring the correct clamping force
- ✓ Analyse milling processes and optimise cutting values
- ✓ Immediately recognise fluctuations or drops in clamping force

Monitor each Sense product - up to 8 devices simultaneously!

Transmitter

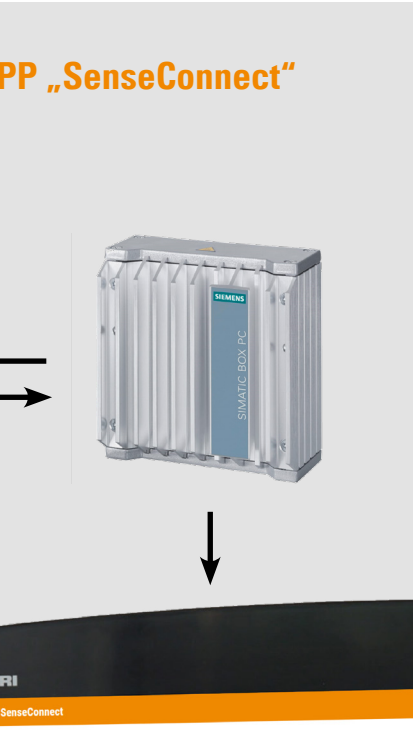


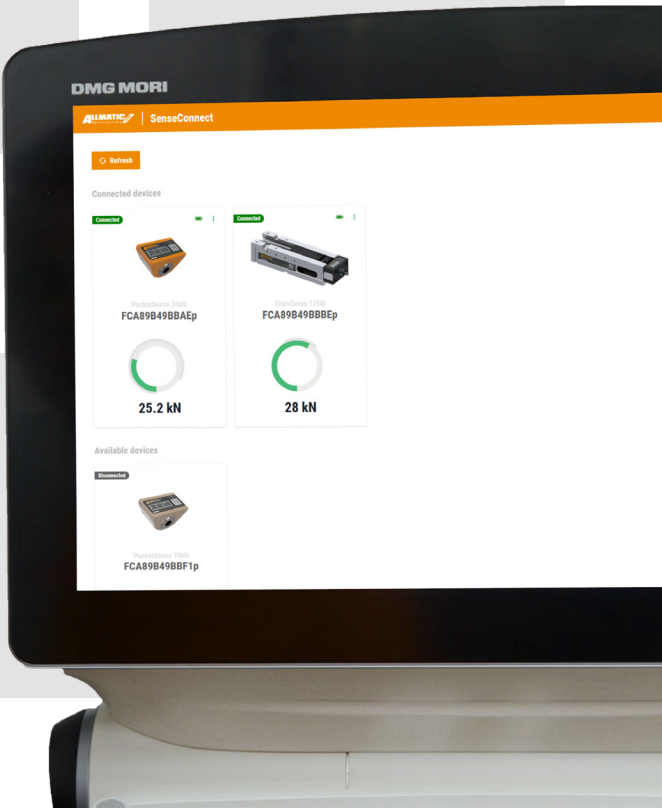
Bluetooth Receiver



Up to 8 devices

APP „SenseConnect“







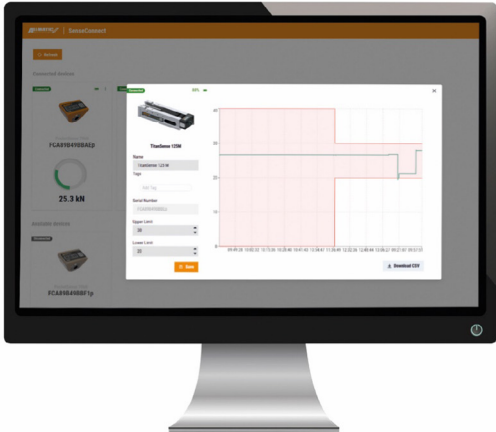
Your benefits

- ✓ **Monitoring clamping forces** during machining
- ✓ **Monitor multiple** devices **simultaneously**
- ✓ **Storing and analyzing data** from the last 24 hours
- ✓ Coming soon:
Synchronizing relevant **machine data** in **real time**

TRANSFER TO DEVICES

In addition to showing the clamping force directly on the display on the device, the data can also be displayed via Bluetooth (low energy) on a PC, HMI (web browser) and mobile phone:





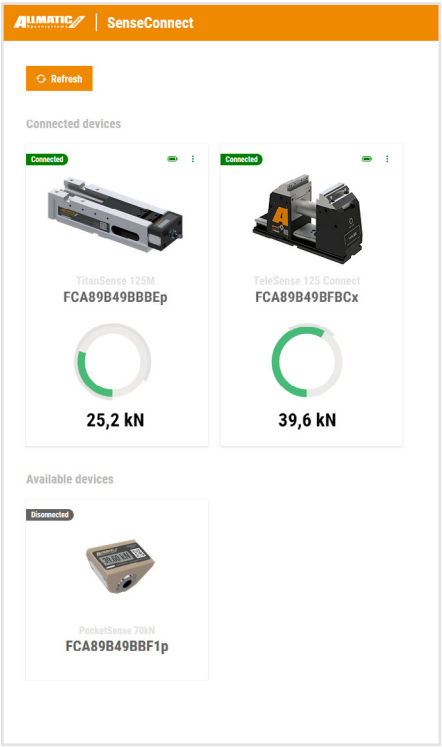








SenseConnect - App



	
Number of transmitters	1 - 8
Receiver	Phönix Contact module
Installation on...	Siemens EdgeBox
Display of...	• Clamping force (value & graph) • Battery status • Machine data (soon)
Adjusting limits	✓
Warnings (< limit >)	✓
Data export	✓
Rename devices	✓
Define filters (tags)	✓
Calibration	✓ (optional)

AllLite is the digital business unit of ALLMATIC-Jakob Spannsysteme GmbH.
With a fully automated production line, AllLite produces outstanding quality made in Bavaria.

Centric vice „CentroLite“

CentroLite 68K

- Clamping force: 28 kN at 100 Nm
- Clamping width with gripper jaws: 0-103 mm
- Clamping width with step jaws: 0-104 mm
- Gripp and step jaws in width 67 mm and 38 mm available
- Gripp jaws with LANG toothing available
- Weight: max. 4,2 kg

CentroLite 68M

- Clamping force: 28 kN bei 100 Nm
- Clamping width with gripper jaws: 0-163 mm
- Clamping width with step jaws: 0-164 mm
- Gripp and step jaws in width 67 mm and 38 mm available
- Gripp jaws with LANG toothing available
- Weight: max. 5,7 kg



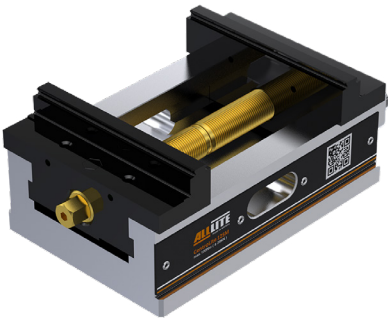
CentroLite 68 K/M is compatible with the following zero-point clamping systems:

- AMF K10/K20
 - GRESSEL gredoc
 - Schunk VERO-S
 - Lang Quick Point 52x52
 - System 3R MacroMagnum
- Hilma Quintus 60
 - Roemheld
 - Matzak
 - Erowa

CentroLite covers the most common zero-point clamping systems.

CentroLite 125

- Clamping force: 28 kN bei 100 Nm
- Clamping width with gripp jaws: 0-164 mm
- Clamping width with step jaws: 0-165 mm
- Gripp and step jaws in width 124 mm verfügbar
- Gripp jaws with LANG toothing available
- Weight: max.9,7 kg



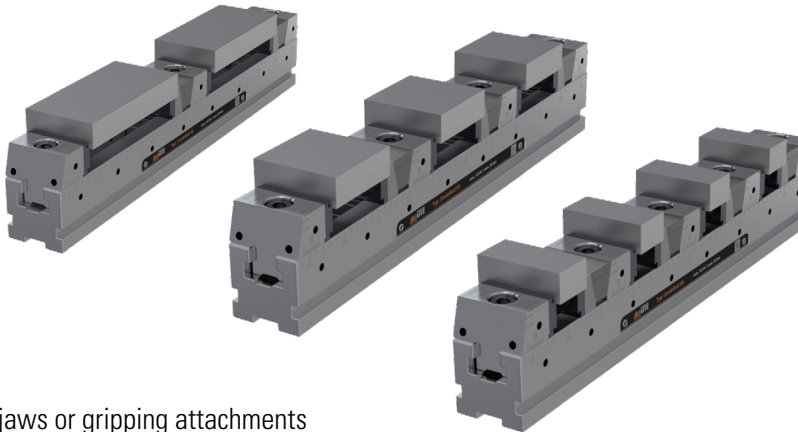
CentroLite 125 is compatible with the following zero-point clamping systems:

- AMF
- GRESSEL gredoc
- Lang Quick Point 96x96
- Schunk VERO-S

Clamping Rail CombiRail:

The most important at a glance

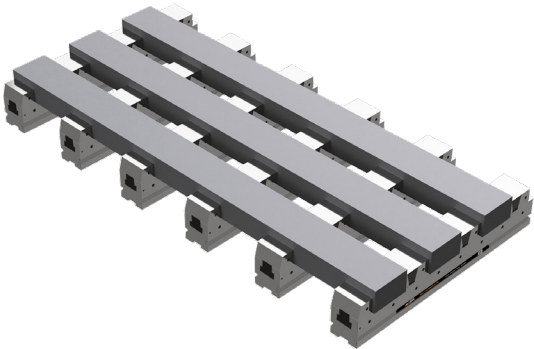
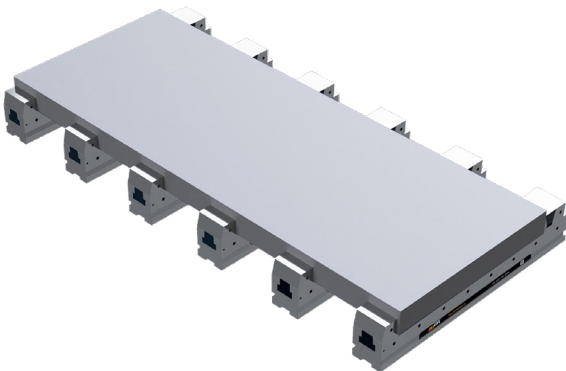
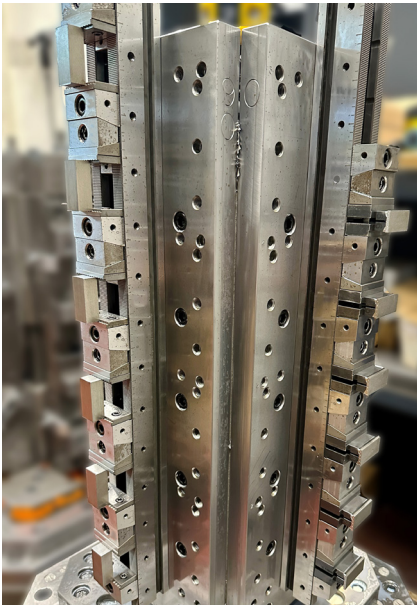
- Optimal for the **production of larger quantities** - suitable for workpieces of different sizes and shapes
- **Parallelism** +/- 0.02 mm
- Can also be mounted **vertically on tower**



Maximum flexibility & accuracy

- Clamping of **raw and pre-machined parts** - with smooth jaws or gripping attachments
- **Number of clamping stations** depending on workpiece size
- **High clamping force** with moderate tightening torque
CombiRail 50: 16 kN with 20 Nm
CombiRail 72: 38 kN with 60 Nm
- One-sided zero point orientation
- **Hole pattern** 100 mm for mounting on machine table
- Body ground from all sides

Width 50 mm			Width 72 mm		
Length (in mm)	Clamping points	Hole pattern (in mm)	Length (in mm)	Clamping points	Hole pattern (in mm)
200	2	80 + 100	400	3	100
300	3	100	500	4	100
400	4	100	600	4	100
500	4	100	700	4	100
600	4	100			
700	4	100			



SERVICE

THE CUSTOMER IS THE MAIN FOCUS

We provided comprehensive services before and after purchase: with well structured information on clamping system and their possible applications as well as first class advice on special solutions. So that you receive exactly the clamping system, which is best suited to your needs.

With ALLMATIC, you also benefit after purchase with:

- a warranty of 2 years
- an optional express repair, processing within 24 hrs.
- 20 years' availability of replacement parts



PRE-SALES



THE ALLMATIC SAMPLE CASE

The proof of the pudding is in the eating: Test the ALLMATIC clamping system of your choice where it is to be used – in your company. Free of charge for 2 weeks.

So that you can learn directly on site ...

- how the ALLMATIC system is integrated into your production processes
- what your machine operators say about it
- what increases in efficiency are possible
- what end results you achieve with it

AFTER SALES

MAXIMUM AFTER-SALES SUPPORT

Powerful systems are only as valuable as you exploit their capacities. To ensure full performance of the ALLMATIC clamping systems, we provide you with comprehensive media support and practical services. For example with:

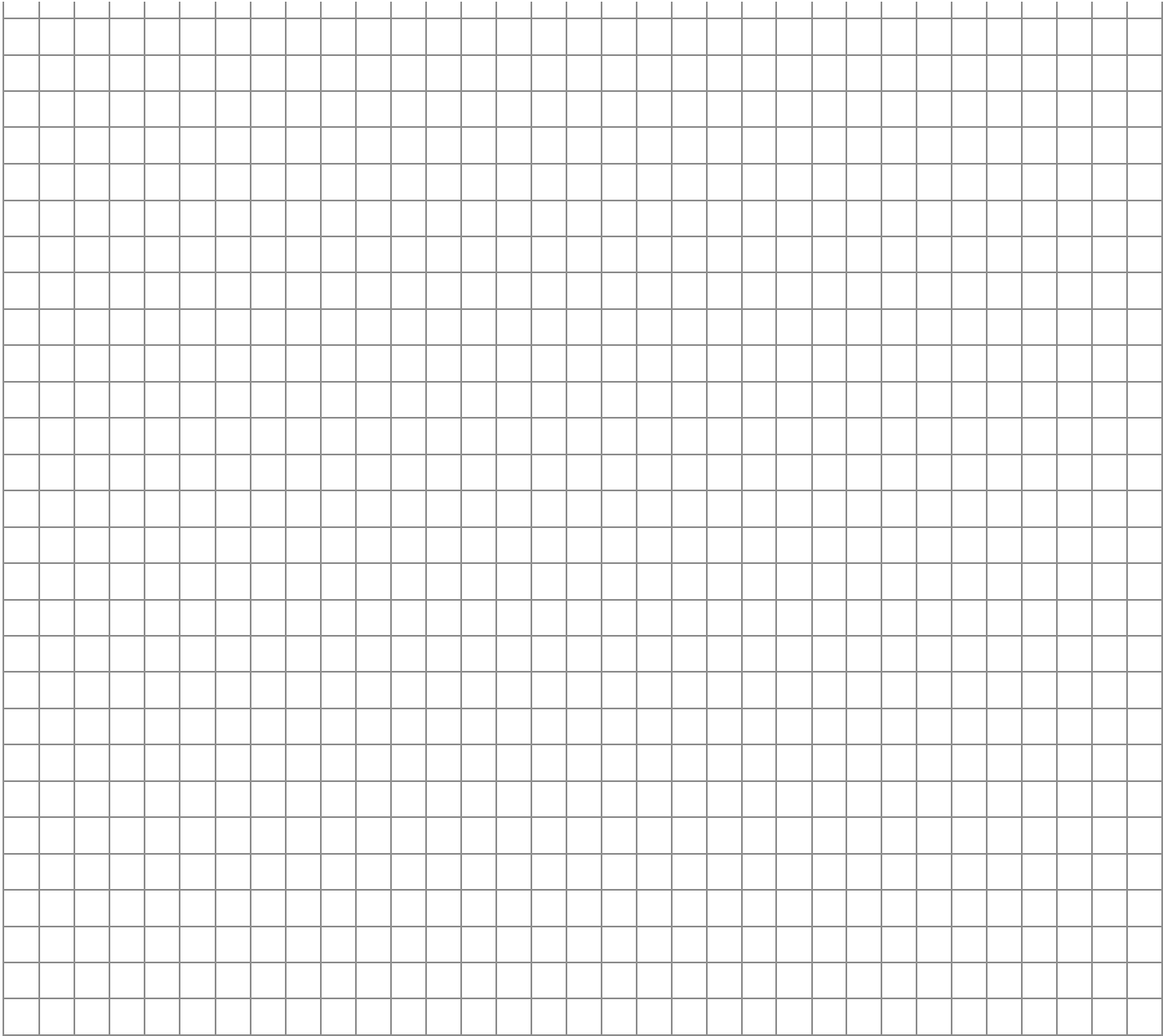
- Operating instructions
- CAD models in 3D
- Videos
- Info on service
- Fast repair in our company
- Service partners worldwide

www.allmatic.de/repair



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service@allmatic.de

NOTICE



Length measurements / conversion metric to imperial

mm	inch (in)	foot (ft)
25,4 mm	1 in	0,083 ft
0,02 mm	0,0008 in	
0,04 mm	0,0016 in	
0,06 mm	0,0024 in	
0,08 mm	0,0031 in	
0,10 mm	0,0039 in	
70 mm	2,755 in	0,230 ft
90 mm	3,543 in	0,295 ft
125 mm	4,921 in	0,410 ft
160 mm	6,299 in	0,525 ft
200 mm	7,874 in	0,655 ft
300 mm	11,811 in	0,984 ft
400 mm	15,748 in	1,312 ft

kN	lbf
1 kN	224,809 lbf
28	6294,650
30	6744,268
40	8992,357
60	13488,535
Nm	lbf.ft
1 Nm	0,738 lbf.ft
10	7,376
20	14,751
30	22,127
40	29,502
45	33,190
60	44,254

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Version 07/2025

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