

INTELLIGENT USE OF POWER



ALLMATIC
Spannsysteme **JAKOB**

PRODUCT OVERVIEW

	Type	Jaw width mm	Max. clamp. Range mm	Max. clamp. Force kN	Basic body mm	
Sense	TeleSense	125	281	40	398	
	TitanSense	125 160	320 493	40 40	455 587	
Gripp vices	TeleCentric 70K TeleCentric 70M	70 70	135 200	30 30	286 351	
	TITAN SC	125	332	60	429	
	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	
	T-Rex	125	185	40	256	
	CentroGripp	125	195	40	329	
	Conventioneell vices	HD	100 125 160	162 202 302	30 40 60	520 612 717
		NC4	125 160	230 317	40 60	441 573
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	
DUO 90 DUO 125		90 125	306 417	28 40	482 640	
		DUO Plus 125	125	240	40	633
Multiple clamping	Jaws					
	Accessories					
AllLite	CentroLite 68 K CentroLite 68 M CentroLite 125	68 68 125	103 163 164	28 28 28	130 190 190	
	CombiRail 50 CombiRail 72	50 72		16 38	200 - 700 400 - 700	

Raw part	Pre-machined part	Description	Axis			Page
			3	4	5	
x	x	5-axis vice with force monitoring	x	x	x	6 - 7
x	x	Intelligente Spannkraftüberwachung im Schraubstock Rohteile unterschiedlichster Art von Brenn- und Sägeabschnitten bis zu komplexen Formussteilensicher und kostengünstig spannen	x	x		8 - 9
x	x		x	x		
x	x	Centric vice Telescopic spindle, high-clearance contour remains unchanged Central, simple programming within zero point offset	x	x	x	10 - 11
x	x		x	x	x	
x	x	The classical universal vice for vertical 3 axis machining centres. Conventional clamping and gripp clamping possible	x			12 - 13
x	x	With the support jaws, unmachined parts in highly varied materials, or with complex geometries, can be clamped securely and economically	x	x	x	14 - 15
x	x					
x	x					
x	x					
x	x	Horizontal installation Reliable and fast clamping of unmachined parts, flame - cut and sawn materials	x	x	x	16 - 17
x	x	Centric vice Repeating accuracy $\pm 0,01$ mm for angled workpieces The centre is adjustable The position of the workpiece stays within set boundaries	x	x	x	18 - 19
		Suitable for heavy machining work, heavy pieces and small batch sizes	x	x		20
	x	Easy handling Mechanical stop for safe operation	x	x		21
	x	Tool-less force setting with a mechanical stop for safe operation	x	x		22 - 23
	x					
	x					
	x					
	x					
	x	For clamping two identical parts dimensional differences of up to ± 3 mm are compensated for Lateral installation is also possible	x	x		24
x	x	Clamping range adjustment for clamping two workpieces of different sizes	x	x		25
						28
						56
x	x	Small centric vices with mechanical actuation	x	x		64
x	x		x	x		
x	x		x	x		
x	x	Clamping rails for multiple clamping systems up to a length of 700 mm	x	x		65
x	x		x	x		

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 “

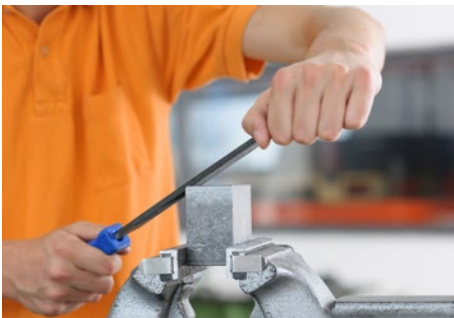
Individual and small series.

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

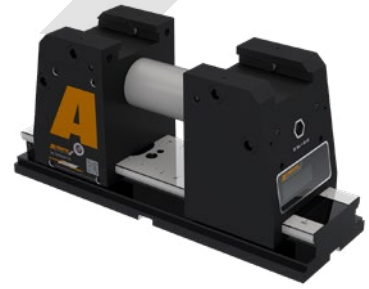
NEW

Range of application:

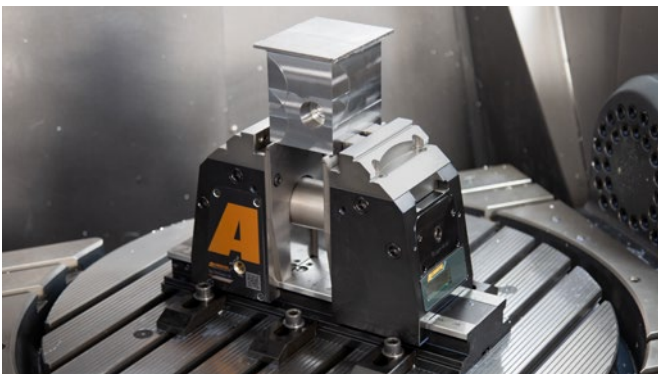
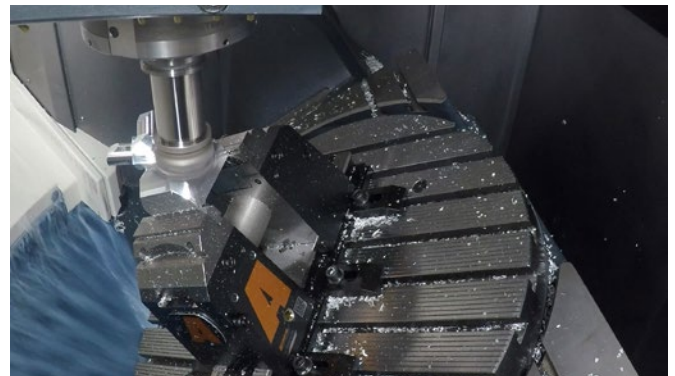
- Ideal for use on 5-axis machining centres due its optimal contour
- With integrated clamping force monitoring
- High clamping force with low use of force – 40 kN with 50 Nm due to power-transformed spindle

Product features:

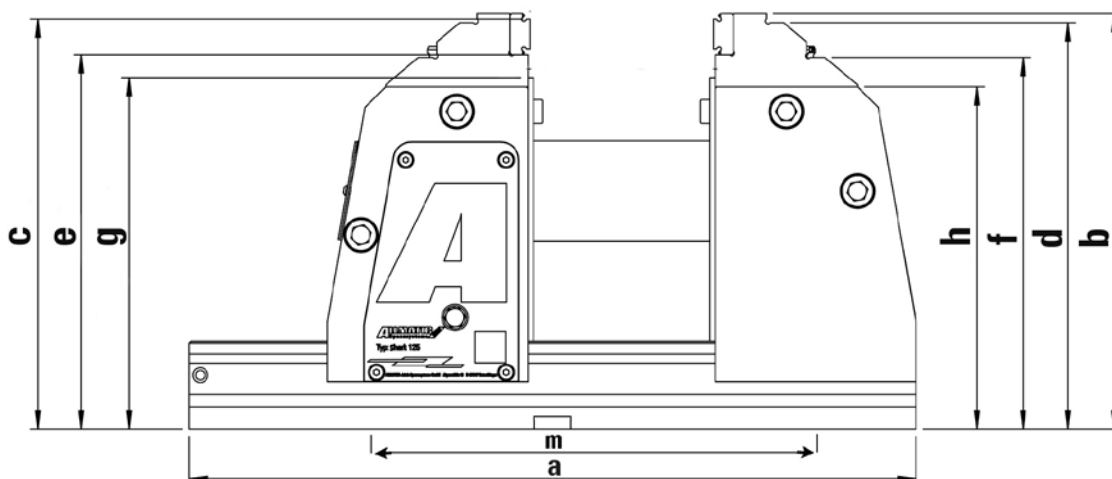
- Clamping of rough and pre-machined parts (parallel, round and irregular parts) also with grip and pull-down clamping. Parts can also be clamped reliably without pre-stamping
- Maximum flexibility trough:
 - Universal quick change jaw for a variety of different setups
 - > thus reducing setup time and 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



Soon available in
extended version!



TECHNICAL INFORMATION



TeleSense / Size		125	125 Connect
Art.No.		6921868000055	6921868000066
Raw part machining		x	x
Pre-machined part		x	x
Integrated clamping force monitoring			x
Clamping range max.	mm	206	206
Clamping range max. with spindle extension	mm	281	281
Torque	Nm	50	50
Clamping force max.	kN	40	40
Weight	kg	38,5	39
a	mm	398	398
b	mm	227	227
c	mm	224	224
d	mm	222	222
e	mm	204,5	204,5
f	mm	203	203
g	mm	192 - 217	192 - 217
h	mm	187	187
m	mm	200	200



TELESENSE 125

5-axis vice with force monitoring

Power - intelligently used

Soon available in long version for ranges up to 472 mm

NEW

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 \varnothing 25H6 M10 for zero-point clamping systems, inside micrometre 200 mm \pm 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



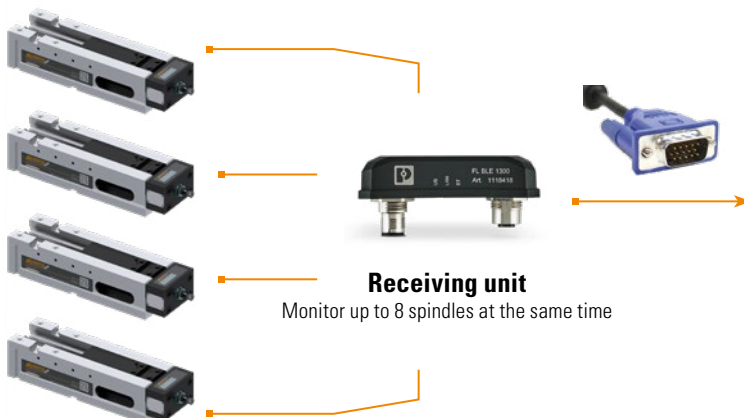
TitanSense 125 M



TitanSense 125 L



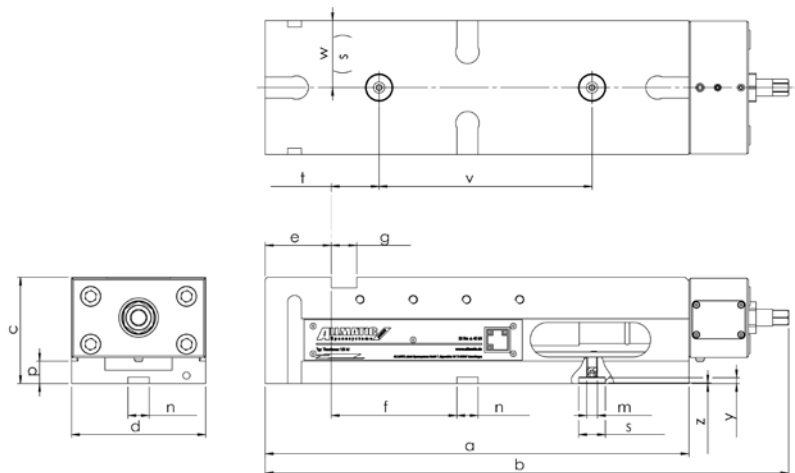
TitanSense 160



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 504	mm 636	mm 493
Torque	Nm 30	Nm 30	Nm 30
Clamping force max.	kN 40	kN 40	kN 40
Mounting holes	mm x		
Weight	kg 35	kg 40	kg 52
a	mm 398	mm 530	mm 530
b	mm 492	mm 624	mm 624
c	mm 100	mm 100	mm 115
d	mm 126	mm 126	mm 164
e	mm 21	mm 21	mm 21
f	mm 118	mm 216	mm 164
g	mm 24 H8	mm 24 H8	mm 30 H8
m	mm M10		
n	mm 20 H7	mm 20 H7	mm 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.Nr.		6921025000031	
DUO Side clamps	Art.Nr.		6921285000031	
Torque wrench	Art.Nr.		0651114113188	
Clamping range enlargement	Art.Nr.	6921685008055		6921705008055
Console	Art.Nr.	6921885010042		
Workpiece stop	Art.Nr.		6921285650144	
Workpiece stop	Art.Nr.		6921685670042	



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:

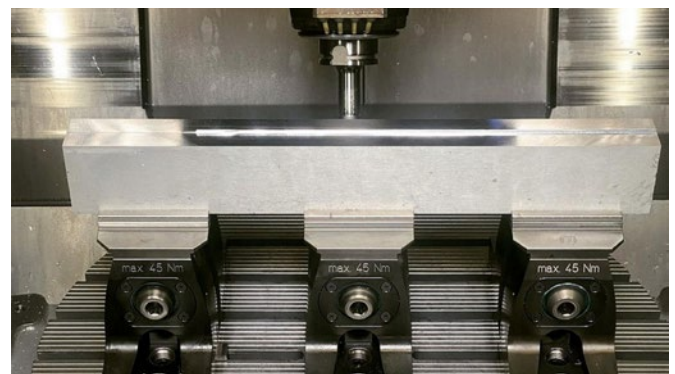
- Centric vice
- Ideal for use in 5-axis machining
- Conventional clamping and Gripp clamping possible

Product features:

- Maximum accessibility
- Safe and reliable clamping; high accuracy; low susceptibility to vibration
- Short set-up times; quick-change jaws for zero-point clamping systems
- Easy to operate; simple jaw change; low weight
- For small to medium machine tables; optimum table size: 280-400 mm
- Telescopic spindle, interference contour remains unchanged
- Central, simple programming without zero point offset
- The allowance of the material is symmetrically distributed
- Accessibility of the workpiece depends on the chuck capacity
- Symmetrical construction shape = workpiece remains central and parallel
- Support height of the workpiece 192 mm
- Quick change jaw system, tool-free jaw change due to quick-action closure within 10 seconds per jaw pair
- Reversible jaws: for min. / max. chuck capacities with one pair of jaws
- Constant clamping force via low-maintenance telescopic spindle
- Standard with locating holes \varnothing 25H6 M10 for zero-point clamping systems; inside micrometre 200 mm \pm 0.01 mm
- Attachment to machine table with mounting raster 50/63 mm for fitting bolt/cylinder-screws or clamping shoes.
- Integrated scaling for fine adjustment of the central position



Soon available
in size 125!

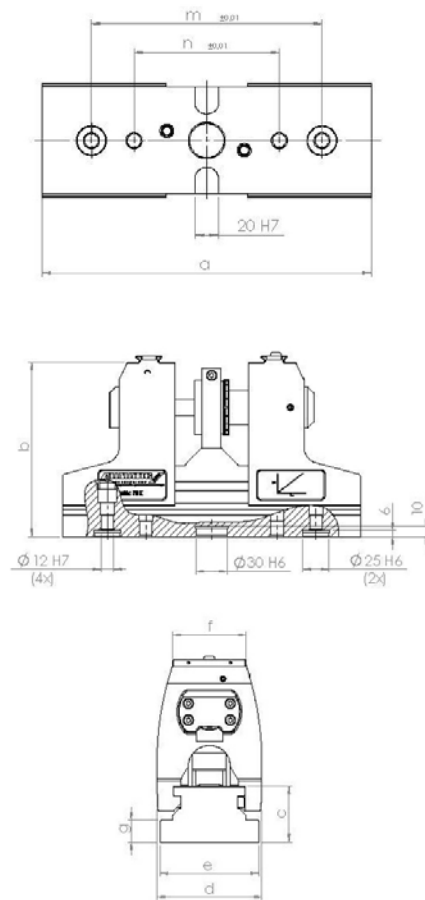


TECHNICAL INFORMATION

TeleCentric / Size	70 K	70 M
Art.No.	6921548000055	6921548000155
Raw part machining	x	x
Pre-machined part	x	x
Clamping range max.	mm 207	305
Clamping range	mm 0 - 128	42 - 143
Torque	Nm 45	45
Clamping force max.	kN 30	30
Weight	kg 17,5	19,5
a	mm 286	351
b	mm 168,9	168,9
c	mm 54	54
d	mm 100	100
e	mm 94	94
f	mm 70	70
g	mm 21	21
m	mm 200	200
n	mm 126	126

Suitable accessories

	70 K	70 M
Side clamps	Art.No. 6921025000031	
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	
Clamping range adapter	Art.No. 6921545008055	
Workstop piece	Art.No. 6921525650031	
Workstop piece	Art.No. 6921525650131	



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 1000 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.



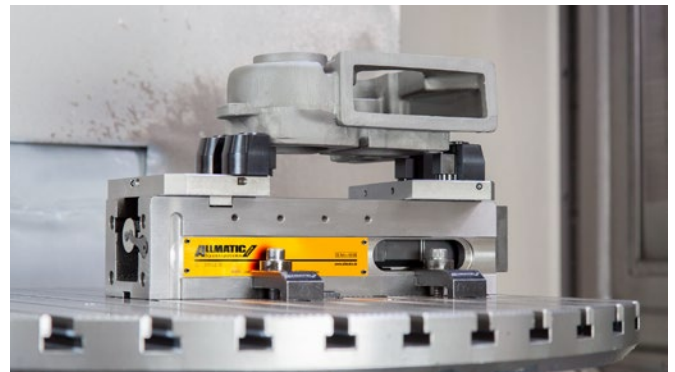
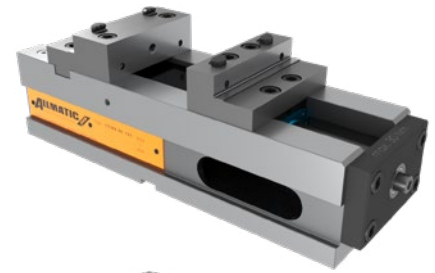
TITAN SC 125

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. 1400 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

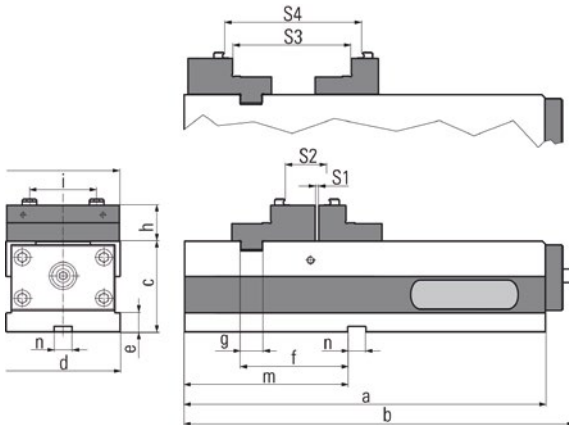


TECHNICAL INFORMATION

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
Tourque 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



Trägerbacken mit Grippeinsätzen/Support jaws with gripper studs



min. Spannweite/clamping range	28 mm
min. Spannweite/clamping width	70mm



max. Spannweite/clamping range	320 mm
max. Spannweite	mindestens 160 mm oder größer
max. clamping width	at least 160 mm or larger



min. Spannweite/clamping range	Ø 70 mm
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max. Spannweite/clamping range	Ø 330 mm
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Trägerbacken mit Universal Gripset/Support jaws with universal gripper set



min. Spannweite/clamping range	25 mm
min. Spannweite/clamping width	80 mm



max. Spannweite /clamping range	310 mm
max. Spannweite	mindestens 165 mm oder größer
max. clamping width	at least 165 mm or larger



min. Spannweite/clamping range	Ø 70 mm
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max. Spannweite/clamping range	Ø 330 mm
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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.



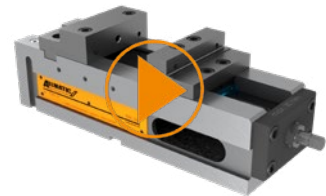
TITAN 2

Range of application:

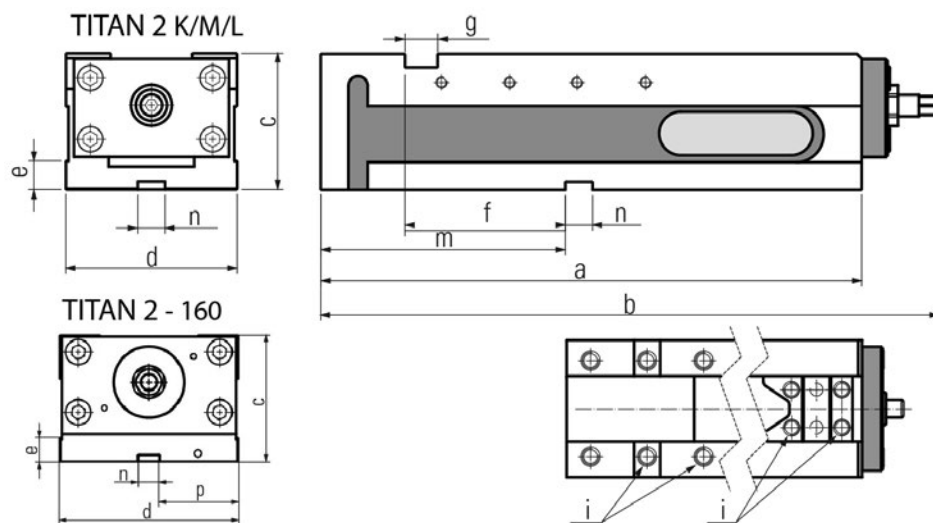
- Can be applied horizontally or vertically – therefore suitable for vertical and horizontal CNC milling machines
- Conventional clamping, gripp clamping or pull-down clamping are all possible
- Clamping unmachined parts, saw cut or flame-cut material by penetration of hardened, replaceable gripp elements 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. 1400 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			



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

www.allmatic.de/tombstone

T-REX

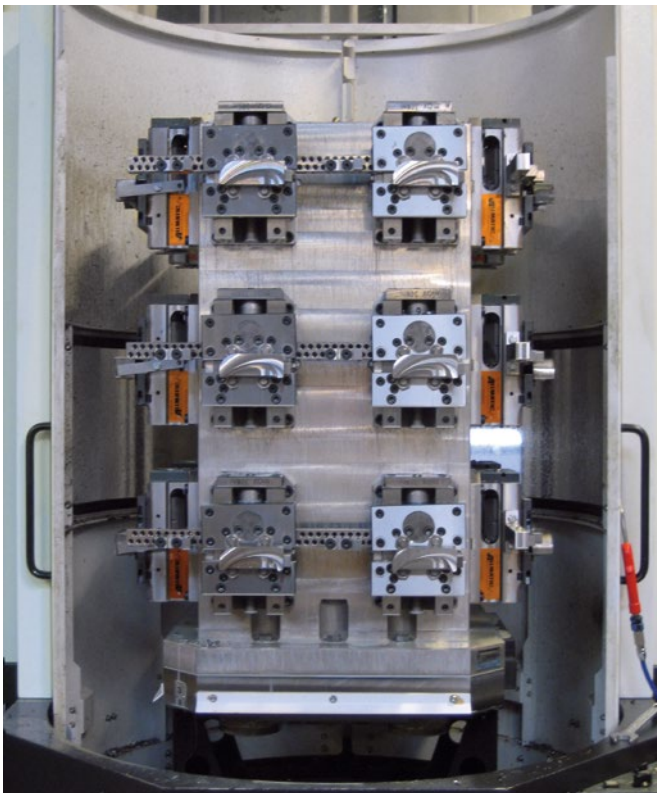
Range of application:

- 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. 1400 N/mm², depending on accessories



Product features:

- Standard with locating holes \varnothing 25H6 M10 for zero-point clamping systems; inside micrometre 200mm \pm 0.01mm
- 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

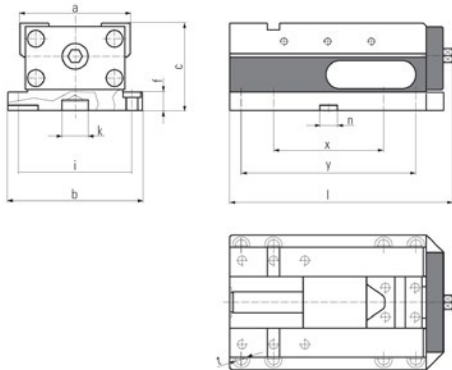


TECHNICAL INFORMATION

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



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



min. Spannweite/clamping range	26 mm
min. Spannweite/clamping width	73 mm



max. Spannweite/clamping range	185 mm
max. Spannweite/clamping width	mindestens 150 mm oder größer at least 150 mm or larger



min. Spannweite/clamping range	Ø 80 mm
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max. Spannweite/clamping range	Ø 190 mm
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Trägerbacken mit Grippeinsätzen/Support jaws with gripper studs T-REX



min. Spannweite/clamping range	26 mm
min. Spannweite/clamping width	73 mm



max. Spannweite/clamping range	185 mm
max. Spannweite/clamping width	mindestens 150 mm oder größer at least 150 mm or larger



min. Spannweite/clamping range	Ø 80 mm
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max. Spannweite/clamping range	Ø 190 mm
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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

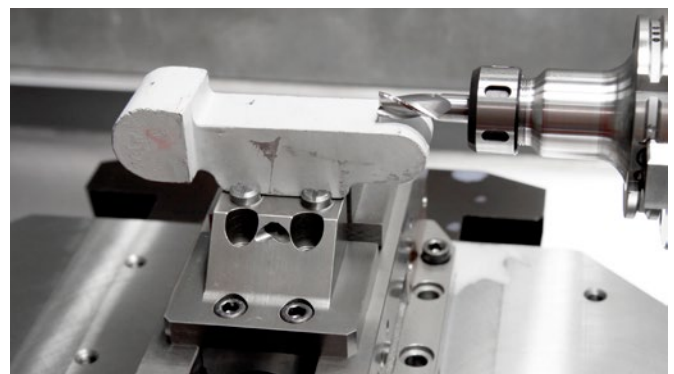
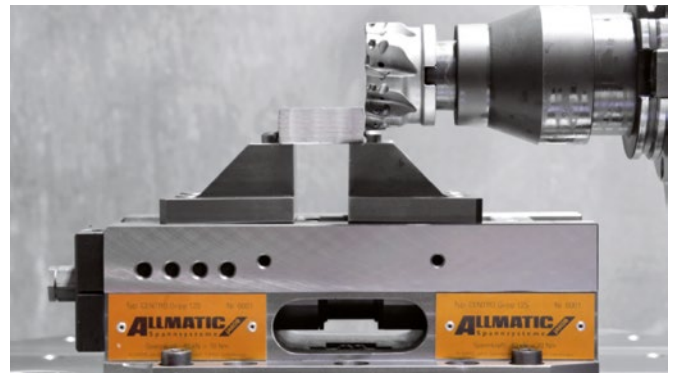
Range of application:

- 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. 1000 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

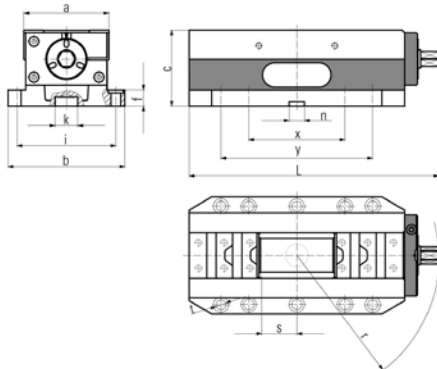


TECHNICAL INFORMATION

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	Ø30 H8
l	mm	329
n	mm	20H7
r	mm	182
s (path)	mm	46
t	mm	Ø13
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



Trägerbacken mit Grippeinsätzen/Support jaws with gripper studs **CENTRO GRIPP**



min. Spannweite/clamping range	25 mm
min. Spannweite/clamping width	73 mm



max. Spannweite/clamping range	247 mm
max. Spannweite	mindestens 150 mm oder größer
max. clamping width	at least 150 mm or larger



min. Spannweite/clamping range	Ø 80 mm
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max. Spannweite/clamping range	Ø 250 mm
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Trägerbacken mit Universal Gripset/Support jaws with universal gripper set **CENTRO GRIPP**



min. Spannweite/clamping range	0 mm
min. Spannweite/clamping width	88 mm



max. Spannweite/clamping range	195 mm
max. Spannweite	mindestens 165 mm oder größer
max. clamping width	at least 165 mm or larger



min. Spannweite/clamping range	Ø 100 mm
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max. Spannweite/clamping range	Ø 230 mm
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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.

Range of application:

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

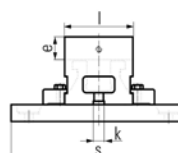
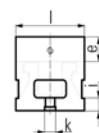
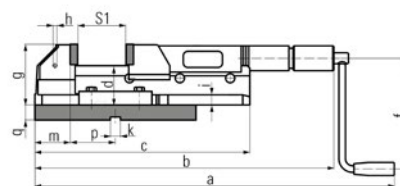
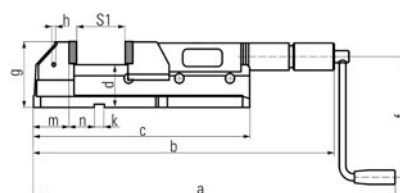


Product features:

- 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	69210310001055
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	



NC4

Range of application

- Ideal for use on 3-axis and 4-axis machining centres
- Jaw interface compatible with NC8 and LC/TC
- Furthermore max. 40 kN clamping force per one rotation with hand crank

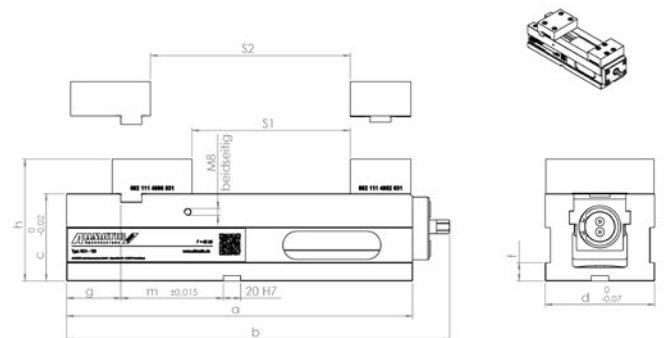
Product features:

- Clamping range 0 - 230 mm (size 125), 0 - 317 mm (size 160)
- Constant, reproducible clamping force about 40 kN/60 kN with mechanical power-assist
- Mechanical stop for safe operation
- Operation with hand crank $\rightarrow 360^\circ = 40 \text{ kN} / 540^\circ = 60 \text{ kN}$
- Jaw interface compatible with NC8 and LC/TC
- 1 thread per side for lateral workpiece stops M8
- Guideway inductively hardened and ground
- Evenness of basic body ground 0.01 mm
- Height of basic body ground -0.02 mm
- Aligning grooves in the base face



Technical data

NC4 / Size		125	160
Art.No.		6921118000055	6921128000055
Raw part machining			
Pre-machined part		x	x
Clamping range max.	mm	230	317
Clamping range S1 min.	mm	0 - 182	0 - 245
Clamping range S2 min.	mm	48 - 230	72 - 317
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	



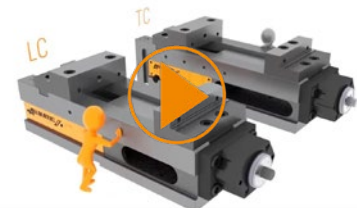
NC8

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 \varnothing 25H6 M10 for zero-point clamping systems; inside micrometre $200 \text{ mm} \pm 0.01 \text{ mm}$ (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!



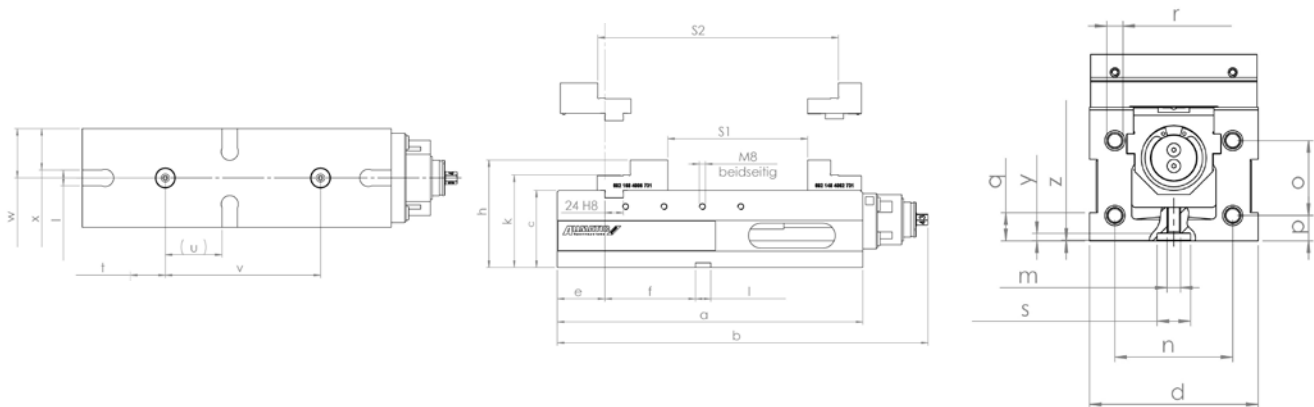
CONFIGURATE YOUR INDIVIDUAL TOMBSTONE – IN 3 STEPS ONLY!

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



TECHNICAL INFORMATION



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	∅ 25	∅ 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		



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)



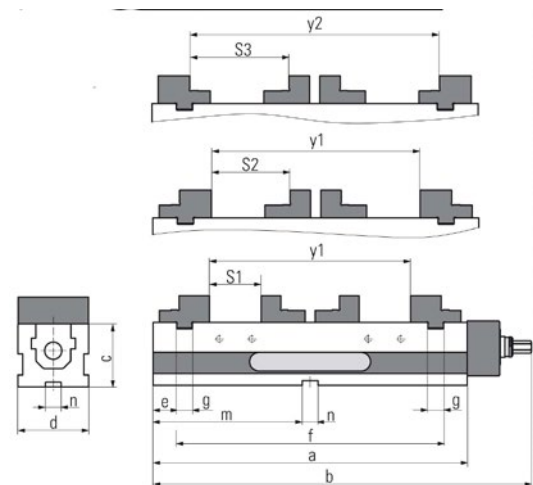
Product features:

- 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			
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	28
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	

Configure your tombstone with our DUO 90 and DUO 125!

www.allmatic.de/tombstone



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



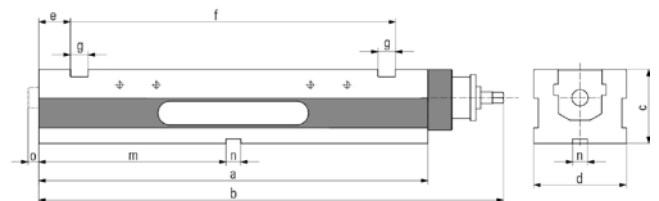
Product features:

- 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 \pm 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



Configure your tombstone with our DUO 125!

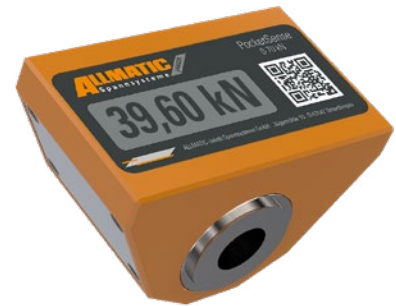
www.allmatic.de/tombstone

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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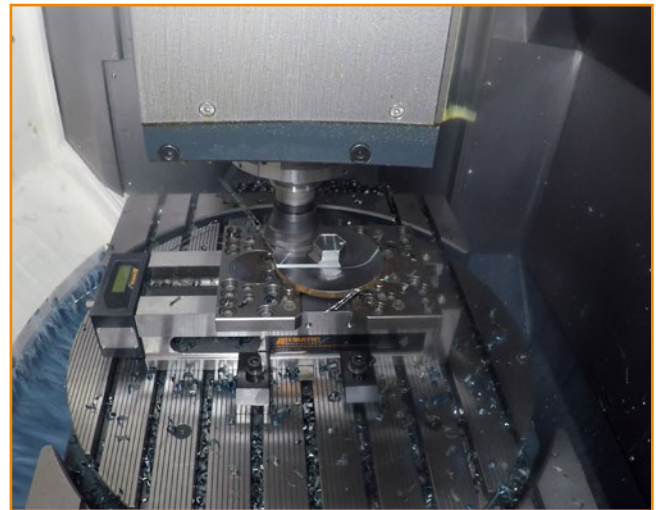
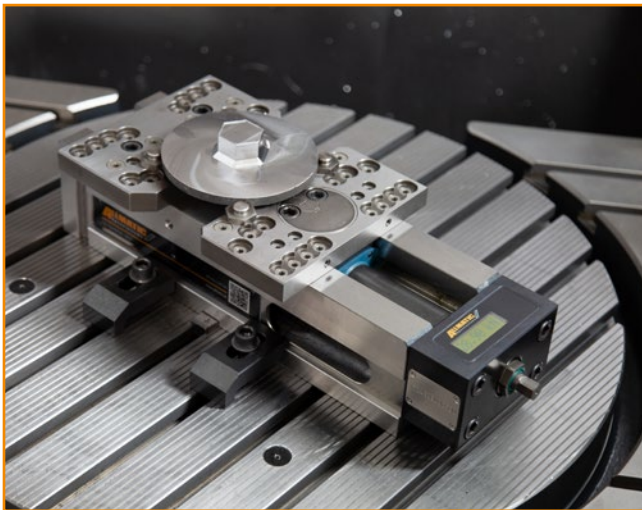
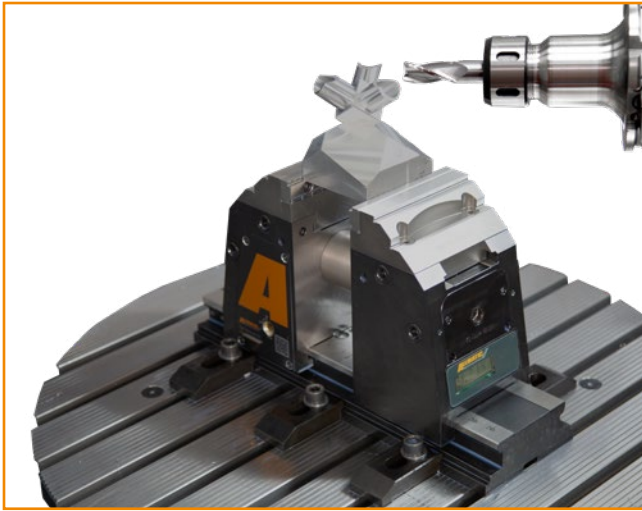


Integration of measurement technology into other products

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.

SENSE PRODUCTS IN ACTION



JAW OVERVIEW CONVENTIONAL

		NC4 125	NC160	NC8 90	NC8 125M & L	NC8 160	NC8 200	NC8 200 HD	DUO 90	DUO 125	
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										
Serrated jaws 100 mm (pair)	6921011005031										
Prismatic jaws 100 mm (pair)	6921014024031										
Step jaws 100 mm (pair)	6921014025031										
Smooth jaws 125 mm (pair)	6921024022031	x			x						
Serrated jaws 125 mm (pair)	6921021005031	x			x						
Soft basic jaws 125mm (pair)	6921024023031	x			x						
Prismatic jaws 125 mm (pair)	6921024024031	x			x						
Step jaws 125 mm (pair)	6921024025031	x			x						
Roller pull-down jaws 125 mm (pair)	6921024005131	x			x						
Spring leaf pull-down jaws 125 mm (pair)	6921024001042	x			x						
Step jaw fixed 125 mm	6921684006731	x			x					x	
Step jaw movable 125 mm	6921484002731	x			x					x	
Base jaw fixed 125 mm	6921114006031	x									
Base jaw movable 125 mm	6921114002031	x									
Hard basic jaw fixed 125 mm	6921684005731	x			x					x	
Hard basic jaw movable 125 mm	6921684004731	x			x					x	
Hard basic jaw fixed without serration	6921284005231									x	
Pull-down jaw fixed 125 mm	6921684106031	x			x						
Pull-down jaw movable 125 mm	6921684102031	x			x						
Pivot jaw movable 125 mm	6921684020042	x			x					x	
Master jaw adapter fixed 125 mm	6921684012231	x			x						
Master jaw adapter movable 125 mm	6921284011231	x			x					x	
Soft jaw fixed 125 mm	6921684088031	x			x						
Soft jaw movable 125 mm	6921484087031	x			x						
Click soft jaw 125 mm (pair)	6921684023142				x						
Click jaw with cross grooving 125 mm (pair)	6921684032142										
Prismatic jaws 125 mm (pair)	6921684024042				x						
Top jaw basic fixed 125 mm	6921184005031										
Top jaw basic movable 125 mm	6921181002031										
Smooth jaws 160 mm (pair)	6921034022031					x	x				
Serrated jaws 160 mm (pair)	6921031005031					x	x				
Soft basic jaws 160 mm (pair)	6921034023031					x	x				
Prismatic jaws 160 mm (pair)	6921034024031					x	x				
Step jaws 160 mm (pair)	6921034025031					x	x				
Roller pull-down jaws 160 mm (pair)	6921034005131					x	x				
Spring leaf pull-down jaws 160 mm (pair)	6921034001042					x	x				
Base jaw fixed 160 mm	6921124006031		x								
Base jaw movable 160 mm	6921124002031		x								
Step jaw fixed 160 mm	6921704006731		x			x	x				
Step jaw movable 160 mm	6921924002731		x			x	x				
Hard basic jaw fixed 160 mm	6921704005731		x			x	x				
Hard basic jaw movable 160 mm	6921704004731		x			x	x				
Master jaw adapter fixed 160 mm	6921704012231		x			x	x				
Master jaw adapter movable 160 mm	6921304011231		x			x	x				
Pivot jaw movable 160 mm	6921704020042		x			x	x				
Top jaw basic fixed 160 mm	6921204005031										
Top jaw basic movable 160 mm	6921201002031										
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			

	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
									X				
									X				
									X				
									X				
										X		X	
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										X		X	
										X		X	
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	X												
	X	X	X	X	X	X							
	X	X	X	X	X	X							
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							X	X					
							X	X					
							X	X					
							X	X					
							X	X					
							X	X					
							X	X					
							X	X					X
							X	X					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
- Case-hardened HRC 53 ± 2; hardening depth 0,5+ 0,3



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
- Hardened HRC 53 ± 2
- 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

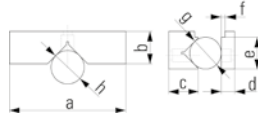
Suitable accessories

	125	160
Jaw fixing bolt	Art.No.	6921011023000

Soft basic jaws (pair)

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

JAW RANGE



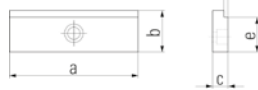
Size		100	125	160
Art.No.		6921014024031	6921024024031	6921034024031
Clamping range S1 min.	HD	0 - 143	0 - 180	0 - 275
Weight	kg	0,85	1,7	3,6
a	mm	100	125	160
b	mm	32	40	50
c	mm	30	35	45
d	mm	12	15	20
e	mm	28	35	45
f	mm	3	3	3
g	mm	Ø 10 - 25	Ø 12 - 28	Ø 15 - 40
h	mm	Ø 15 - 45	Ø 18 - 55	Ø 22 - 65

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
- Case-hardened HRC 54 + 4; hardening depth 0,6 + 0,4



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
- Hardened HRC 53 ± 2



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

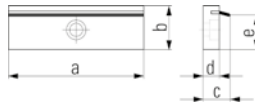
Suitable accessories

		125	160
Jaw fixing bolt	Art.No.	6921024005131	6921011023000

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



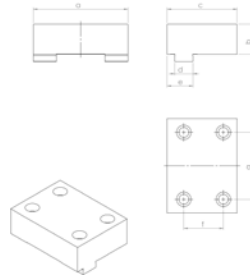
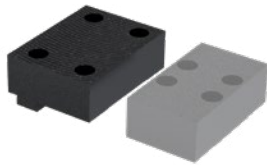
Size	125	160
Art.No.	6921024001042	6921034001042
Clamping range S1 min.	HD 0 - 92	0 - 146
Weight	kg 0,95	1,9
a	mm 125	160
b	mm 40	50
c	mm 20	23
d	mm 12	15
e	mm 33	43

Suitable accessories

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

Spring leaf pull-down jaws (pair)

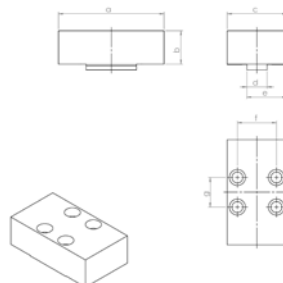
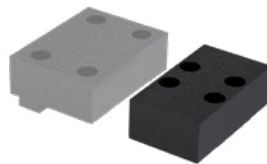
- For parts with rough clamping surfaces
- Material: hardened steel
- Spring leaves press the workpiece onto the support surface
- Spring leaves are interchangeable



Size	125	160
Art.No.	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

Base jaw fix

- Material: Hardened steel
- Plasma nitrided and hardened, depth 0,2 + 0,05, 720 + 50 HV10
- Both sides smooth
- Use as a mold jaw possible

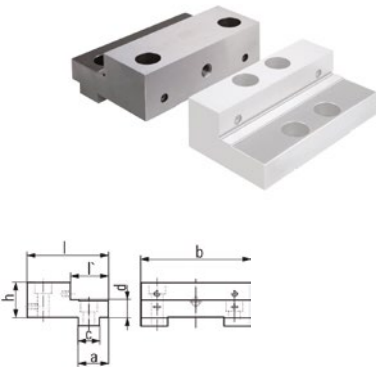


Size	125	160
Art.No.	6921114002031	6921124002031
Clamping range S1 min.	NC4 0 - 182	0 - 245
Clamping range S2 min.	NC4 48 - 230	72 - 317
Weight	kg 2,6	6,9
a	mm 124,4	160,4
b	mm 39,5	49,8
c	mm 70	114
d	mm 24	30
e	mm 47	81
f	mm 46	65
g	mm 35	60

Base jaw movable

- Material: hardened steel
- Plasma nitrided and hardened, depth 0,2 + 0,05, 720 + 50 HV10
- Both sides smooth
- Use as a mold jaw possible

JAW RANGE



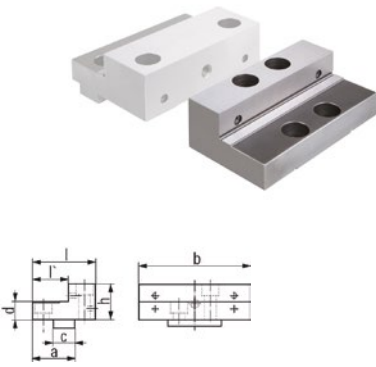
Step jaw fixed

- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening dept 0.5 +0.3
- 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		0 - 246	
Clamping range S2 min.	NC4	131 - 313		189 - 435	
Clamping range S1 min.	NC8	0 - 126	0 - 182	0 - 246	0 - 246
Clamping range S2 min.	NC8	91 - 217	131 - 313	189 - 435	189 - 435
Clamping range S1 min.	TITAN SC	0 - 182			
Clamping range S2 min.	TITAN SC	131 - 313			
Clamping range S1 min.	TITAN 2K	0 - 64			
Clamping range S2 min.	TITAN 2K	83 - 195			
Clamping range S1 min.	TITAN 2M/TitanSense 125 M	0 - 182			
Clamping range S2 min.	TITAN 2M/TitanSense 125 M	131 - 313			
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L	0 - 138			
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L	87 - 269			
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L	132 - 314			
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L	263 - 445			
Clamping range S1 min.	TITAN 2 - 160/TitanSense 160			0 - 245	
Clamping range S2 min.	TITAN 2 - 160/TitanSense 161			189 - 435	
Clamping range S1 min.	DUO Plus 125/DUO 125		0 - 89		
Clamping range S2 min.	DUO Plus 125/DUO 125		40 - 129		
Clamping range S3 min.	DUO Plus 125/DUO 125		43 - 172		
Clamping range y1	DUO Plus 125/DUO 125		331		
Clamping range y2	DUO Plus 125/DUO 125		417		
Weight	kg	1,3	2,8	2,7	5
a	mm	30	34	55	40
b	mm	89,5	124,4	124,4	160,4
c	mm	20	24	24	30
d	mm	16	20	20	25
h	mm	34	39,5	39,5	49,8
l	mm	68	92	87	104
l'	mm	32	43	42	54

Suitable accessories

	90	125	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			



Step jaw movable

- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening dept 0.5 +0.3
- 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

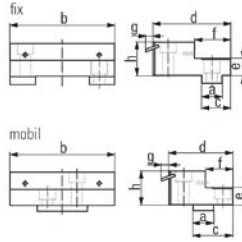
Size	90	125	160	200
Art.No.	6921474002731	6921484002731	6921924002731	6921934002731
Clamping range S1 min.	NC4	0 - 182	0 - 246	
Clamping range S2 min.	NC4	131 - 313	189 - 435	
Clamping range S1 min.	NC8	0 - 126	0 - 182	0 - 246
Clamping range S2 min.	NC8	91 - 217	131 - 313	189 - 435
Clamping range S1 min.	TeleSense 125 (Connect)	9,5 - 114,5		
Clamping range S2 min.	TeleSense 125 (Connect)	89,5 - 194,5		
Clamping range S1 min.	TITAN SC	0 - 182		
Clamping range S2 min.	TITAN SC	131 - 313		
Clamping range S1 min.	TITAN 2K	0 - 64		
Clamping range S2 min.	TITAN 2K	83 - 195		
Clamping range S1 min.	TITAN 2M/TitanSense 125 M	0 - 182		
Clamping range S2 min.	TITAN 2M/TitanSense 125 M	131 - 313		
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L	0 - 138		
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L	87 - 269		
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L	132 - 314		
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L	263 - 445		
Clamping range S1 min.	TITAN 2 - 160/TitanSense 160		0 - 245	
Clamping range S2 min.	TITAN 2 - 160/TitanSense 160		189 - 435	
Clamping range S1 min.	DUO Plus 125/DUO 125		0 - 89	
Clamping range S2 min.	DUO Plus 125/DUO 125		40 - 129	
Clamping range S3 min.	DUO Plus 125/DUO 125		43 - 172	
Clamping range y1	DUO Plus 125/DUO 125		331	
Clamping range y2	DUO Plus 125/DUO 125		417	
Weight	kg	1	2	4,2
a	mm	38	47	63
b	mm	89,5	124,4	160,4
c	mm	20	24	30
d	mm	16	20	25
h	mm	34	39,5	49,8
l	mm	56	70	114
l'	mm	31	40	64

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 RANGE



Pull-down jaw fixed

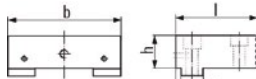
- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening depth 0.5 +0.3
- Pull-down with ground and polished spring leaves for pre-machined and unmachined workpieces
- Ground and polished clamping surfaces
- High clamping accuracy for parallel and accurate angle machining
- Click 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 (Connect)	0 - 86	
Clamping range S2 min.	TeleSense 125 (Connect)	74,5 - 179,5	
Clamping range S3 min.	TeleSense 125 (Connect)	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

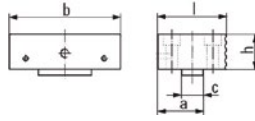
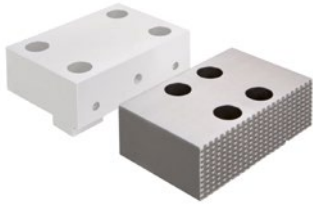
- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening depth 0.5 +0.3
- 6921684005731 and 6921704005731 one side smooth, ground and polished; one side serrated
- Additional thread for parallels and for mounting HD jaws on the smooth side
- Mounts for Click system on both sides 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
	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



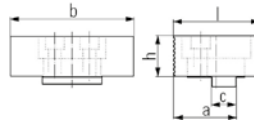
Hard basic jaw movable

- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening depth 0.5 +0.3
- 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
l	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	



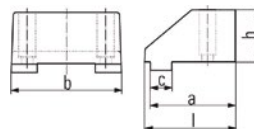
Pivot jaw, movable

- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening depth 0.5 +0.3
- One side smooth, ground and polished; one side serrated
- Rotatable through 360°
- Mounts for Click system on both sides of the jaw

Size		90	125	160
Art.No.		6921674020142	6921684020042	6921704020042
Clamping range S1 min.	NC4		41 - 214	53 - 290
Clamping range S2 min.	NC4		5 - 178	23 - 260
Clamping range S1 min.	NC8	0 - 115	0 - 167	0 - 240
Clamping range S2 min.	NC8	21 - 146	37 - 219	50 - 294
Clamping range S1 min.	TeleSense 125 (Connect)		0 - 84,5	
Clamping range S2 min.	TeleSense 125 (Connect)		10,5 - 116,5	
Clamping range S1 min.	TITAN SC		0 - 167	
Clamping range S2 min.	TITAN SC		37 - 219	
Clamping range S1 min.	TITAN 2K		0 - 49	
Clamping range S2 min.	TITAN 2K		0 - 101	
Clamping range S1 min.	TITAN 2M/TitanSense 125 M		0 - 167	
Clamping range S2 min.	TITAN 2M/TitanSense 125 M		37 - 219	
Clamping range S1/Slot1 min.	TITAN 2L/TitanSense 125 L		0 - 123	
Clamping range S1/Slot2 min.	TITAN 2L/TitanSense 125 L		117 - 299	
Clamping range S2/Slot1 min.	TITAN 2L/TitanSense 125 L		0 - 175	
Clamping range S2/Slot2 min.	TITAN 2L/TitanSense 125 L		169 - 351	
Clamping range S1 min.	DUO 90	0 - 52,5		
Clamping range y1 min.	DUO 90	256		
Clamping range S2 min.	DUO 90	26 - 77,5		
Clamping range y2 min.	DUO 90	306		
Clamping range S1 min.	DUO Plus 125 /DUO 125		0 - 74	
Clamping range y1 min.	DUO Plus 125 /DUO 125		331	
Clamping range S2 min.	DUO Plus 125 /DUO 125		42 - 117	
Clamping range y2 min.	DUO Plus 125 /DUO 125		417	
Weight	kg	1,65	3,35	7,8
a	mm	49,5	62	86
b	mm	90	124,4	160,4
c	mm	20	24	30
h	mm	34	39,5	49,8
	mm	68	84	118

Suitable accessories

		90	125	160
Click parallels / h29 / h35 / h44	Art.No.	8921175029042	8921185036042	8921205044042
Click parallels / h16 / h20 / h25	Art.No.	8921175016042	8921185026042	8921205025042
Click parallels / h13 / h15 / h19	Art.No.	8921475013031	8921485016031	8921305019031
Click parallels / h25	Art.No.		8921185028042	
Click parallels / h30	Art.No.		8921185030042	



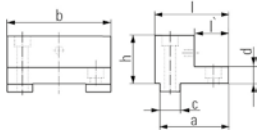
Soft jaw fixed

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

Size		125 fix	125 mobil	125 mobil
Art.No.		6921684089031	6921484087031	6921534087031
Clamping range S1 min.	NC4	0 - 150	0 - 150	
Clamping range S1 min.	NC8	0 - 150	0 - 150	
Clamping range S1 min.	TeleSense 125 M		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 S2/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
l	mm	101,5	94,5	94,5

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

JAW RANGE



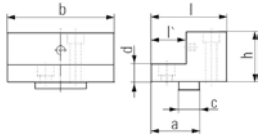
Master jaw adapter

- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening depth 0.5 +0.3
- 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	88 - 334	92 - 338
Clamping range S2 min.	NC8	26 - 152	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
a	mm	56	77	89
b	mm	90	126	164
c	mm	20	24	30
d	mm	16	20	24
h	mm	46	58	73
l	mm	66	85	100
l'	mm	30	32	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		



Master jaw adapter movable

- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening depth 0.5 +0.3
- Ground and polished clamping surfaces
- Additional thread for mounting HD jaws
- Click system on the high side

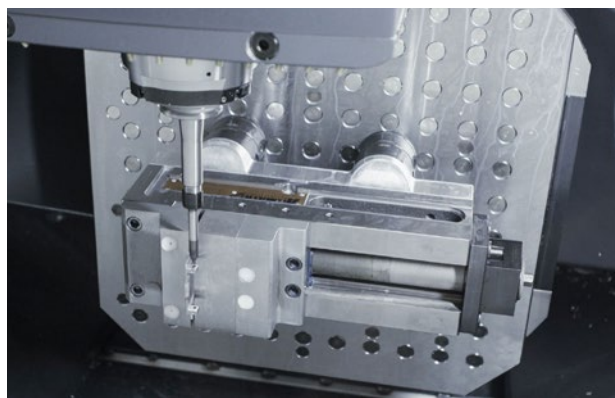
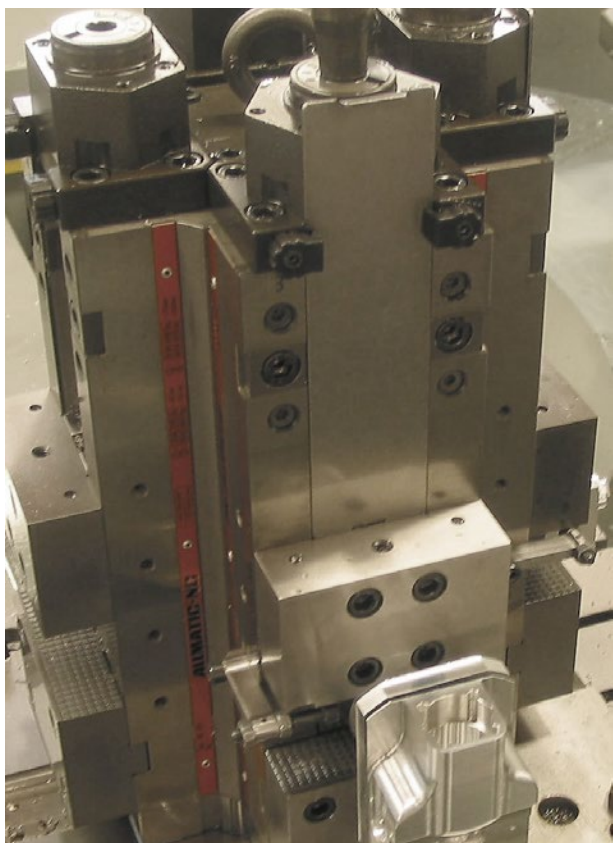
Size	90	125	160	200
Art.No.	6921274011231	6921284011231	6921304011231	6921294011231
Clamping range S1 min.	NC4	71 - 243	88 - 334	
Clamping range S2 min.	NC4	47 - 224	68 - 314	
Clamping range S1 min.	NC8	62 - 186	88 - 334	92 - 338
Clamping range S2 min.	NC8	26 - 152	68 - 314	68 - 314
Clamping range S1 min.	TeleSense 125 M (Connect)	0 - 104,5		
Clamping range S2 min.	TeleSense 125 M (Connect)	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/DOU 125	331		
Clamping range y2 min.	DUO Plus 125/DOU 125	401		
Clamping range S1 min.	DUO Plus 125/DOU 125	0 - 84		
Clamping range S2 min.	DUO Plus 125/DOU 125	28 - 117		
Clamping range S3 min.	DUO Plus 125/DOU 125	77 - 166		
Weight	kg	1,45	3,6	7,6
a	mm	40	52	65
b	mm	90	126	164
c	mm	20	24	30
d	mm	16	20	24
h	mm	46	58	73
l	mm	60	80	100
l'	mm	30	32	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		

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

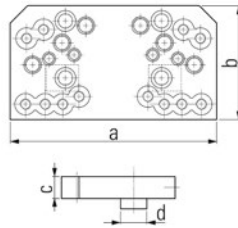
APPLICATIONS



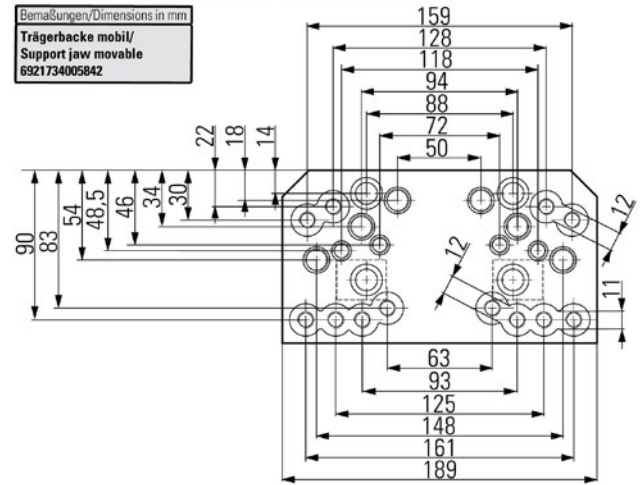
JAW OVERVIEW GRIPP

		TeleCentric 70 K/M	TeleSense 125	TITAN SC 125	
Step jaw 38 mm, carbide coated mobile	6921544020031	x			
Gripp jaw 38 mm mobile	6921544020131	x			
Step jaw 70 mm, carbide coated mobile	6921544010031	x			
Gripp jaw 70 mm mobile	6921544010131	x			
Zero jaw b70	6921544060031	x			
Prismatic jaw 70 m mobile	6921544090031	x			
Step jaw 100 mm, carbide coated mobile	6921544030031	x			
Gripp jaw 100 mm mobile	6921544030131	x			
Soft jaw 120 mm mobile Steel	6921544080031	x			
Soft jaw 120 mm mobile Aluminum	6921544081031	x			
Support jaw b120	6921544070042	x			
Universal quick change jaw 125	6921864001031		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	
Step jaw movable for gripper studs 125 mm	6921884050031		x	x	
Support jaw movable, rigid 125 mm	6921884004842			x	
Support jaw fixed 125 mm	6921734005842			x	
Support jaw movable, pivot 125 mm	6921734072842		x	x	
Support jaw fixed, with raster for gripper studs 125 mm	6921734005642			x	
Support jaw movable, with raster for gripper studs, pivot 125 mm	6921734072642		x	x	
Gripp jaw fixed with integrated gripper row 125 mm	6921834044031			x	
Gripp jaw movabel with integrated gripper row 125 mm	6921834045031		x	x	
Reduced-width jaw 64 mm fixed for gripp-studs	6921834040140			x	
Reduced-width jaw 64 mm movable for gripp-studs	6921834040040		x	x	
Jaw 64 mm, fixed with integrated gripper row	6921834034231			x	
Jaw 64 mm, movable with integrated gripper row	6921834036231		x	x	
Jaws for five-side machining fixed	6921734047031				
Jaws for five-side machining movable	6921734048031				
Pull-down jaw fixed 125 mm	6921684106031				
Pull-down jaw movable 125 mm	6921684102031				
Support jaw for universal gripper set fixed 125 mm	6921484005042				
Support jaw for universal gripper set movable 125 mm	6921484004042				
Step jaw fixed, carbide - coated 125 mm	6921884006041				
Step jaw movable, carbide - coated 125 mm	6921884002041		x		
Universal pull-downjaw fixed 125 mm	6921884106031				
Universal pull-downjaw movable 125 mm	6921884102031		x		
Gripper jaw fixed with integrated gripper row 125 mm	6921884034931				
Gripper jaw movable with integrated gripper row 125 mm	6921534036931		x		
Support jaws for universal gripper set 125 mm	6921884005242				
Support jaws for universal gripper set movable, pivot 125 mm	6921884072242		x		
Reduced-width jaw, 64 mm fixed	6921884040140				
Reduced-width jaw, 64 mm movable	6921884040040		x		
Reduced-width jaw, 20 mm fixed	6921884041141				
Reduced-width jaw, 20 mm movable	6921884041041		x		
Jaw 64 mm, fixed with integrated gripper row	6921884034031				
Jaw 64 mm, movable with integrated gripper row	6921534036031		x		
Support jaws for gripper studs fixed 125 mm	6921884005042				
Support jaw for gripper studs movable, pivotl 125 mm	6921884072042		x		
Prismatic jaw, horizontal movable 125 mm	6921534001031		x		
Support jaw fixed 160 mm	6921844005042				
Support jaw movable 160 mm	6921844072042				
Step jaw fixed for gripper studs 160 mm	6921844051031				
Step jaw movable for gripper studs160 mm	6921844050031				

JAW RANGE GRIPP



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



Support jaw fixed

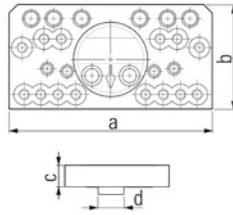
- Material: hardened steel
- Case-hardened and tempered 600 + 50 HV10; hardening depth = 0,2
- For mounting various pull-down wedge elements (the pull-down clamping we recommend only for the TITAN 2 K, M and L), universal grippset and gripp-studs with thread (pointed/smooth)
- Front surface can be used as clamping surface (hardened and ground)
- Scope of delivery without clamping elements

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	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	2,8	2,8	4,8	4,8	4,8
a	mm	189	189	189	250	250	250
b	mm	104	104	104	122,5	122,5	122,5
c	mm	20	20	20	25	25	25
d	mm	24	24	24	30	30	30

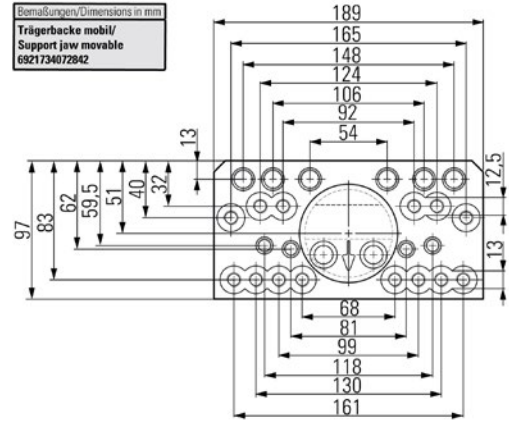
Suitable accessories

		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 Ø,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

JAW RANGE GRIPP



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



Support jaw movable, pivot

- Material: hardened steel
- Case-hardened and tempered 600 + 50 HV10; hardening depth = 0,2
- 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)

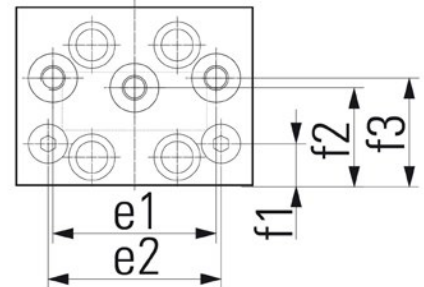
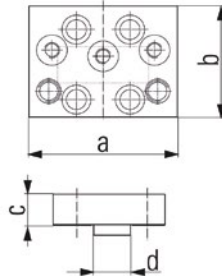
Pivot jaw

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

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	
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

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



Support jaw movable, rigid

- Material: hardened steel
- Case-hardened and tempered 600 + 50 HV10; hardening depth = 0,2
- 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 (Connect) 32 - 213
Clamping range round WP*	TeleSense 125 (Connect) 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
Gripping position e1	mm 67
Gripping position e2	mm 71
Gripping position f1	mm 17
Gripping position f2	mm 40
Gripping position f3	mm 44

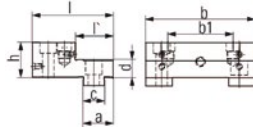
For clamping range and accessories:
go to support jaw fixed page 32

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

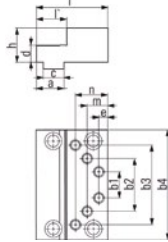
* When using grip insert 2-point h6,7 / Rang vary based on flu operations

JAW RANGE GRIPP

6921884051031



6921844051031



Step jaw fixed for gripp-studs

- Material: hardened steel
- Case-hardened and tempered 680 + 80 HV30; hardening depth 0.5 +0.3
- 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) $// \leq 0,5 \text{ mm}$ (Parallelism less or equal 0.5 mm) respectively cylindrical workpieces $\bigcirc \leq 0,5 \text{ mm}$ (unit less or equal 0.5)

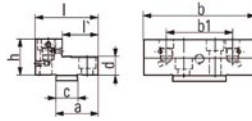
Size		125	160
Art.No.		6921884051031	6921844051031
Clamping range S1 min.	TITAN SC	0 - 182	
Clamping range S2 min.	TITAN SC	49 - 226	
Clamping range S2 round WP	TITAN SC	Ø 88 - 220	
Clamping range S3	TITAN SC	131 - 313	
Clamping range S4	TITAN SC	157 - 334	
Clamping range S1 min.	TITAN 2K	0 - 64	
Clamping 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.	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	40
b	mm	124,4	
b1	mm	74	38
b2	mm		77
b3	mm		116
b4	mm		160,4
c	mm		30
d	mm		25
e	mm		13
h	mm	24	49,8
l	mm	20	104
l'	mm	39,5	44
m	mm	92	47
n	mm	43	30

Suitable accessories

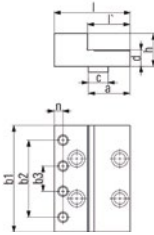
		125	160
Click parallels h35	Art.No.	6921185035042	
Click parallels h20	Art.No.	6921185020042	
Click parallels h15	Art.No.	6921485015031	
Click parallels h25	Art.No.	6921185025042	
Click parallels h30	Art.No.	6921185030042	
Click parallels h44	Art.No.		6921205044042
Click parallels h25	Art.No.		6921205025042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

JAW RANGE GRIPP

6921844050031



6921844050031



Step jaw movable for gripp-studs

- Material: hardened steel
- Hardened 680 +80 HV30; hardening depth: 0,5 + 0,3
- 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) $// \leq 0,5 \text{ mm}$ (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.		6921844050031	6921844050031
Clamping range S1 min.	TeleSense 125 (Connect)	9,5 - 114,5	
Clamping range S2 min.	TeleSense 125 (Connect)	89,5 - 194,5	
Clamping range S3* min.	TeleSense 125 (Connect)	22,5 - 137	
Clamping range S4* min.	TeleSense 125 (Connect)	114,5 - 219	
Clamping range S1 Ø* min.	TeleSense 125 (Connect)	Ø 88 - 145	
Clamping range S2 Ø* min.	TeleSense 125 (Connect)	Ø 88 - 221	
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.	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	4,8
a	mm	47	63
b	mm	124,4	
b1	mm	74	160,4
b2	mm		116
b3	mm		38
c	mm	24	30
d	mm	20	25
h	mm	39,5	49,8
l	mm	70	114
r	mm	40	64
n	mm		13

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

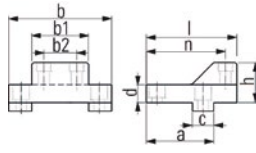
Accessories: go to step jaw fixed for gripper studs page 34

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

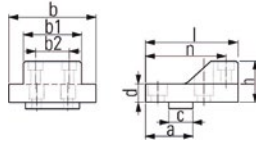


JAW RANGE GRIPP

6921834040140



6921834040040



Reduced-width jaw for gripp-studs

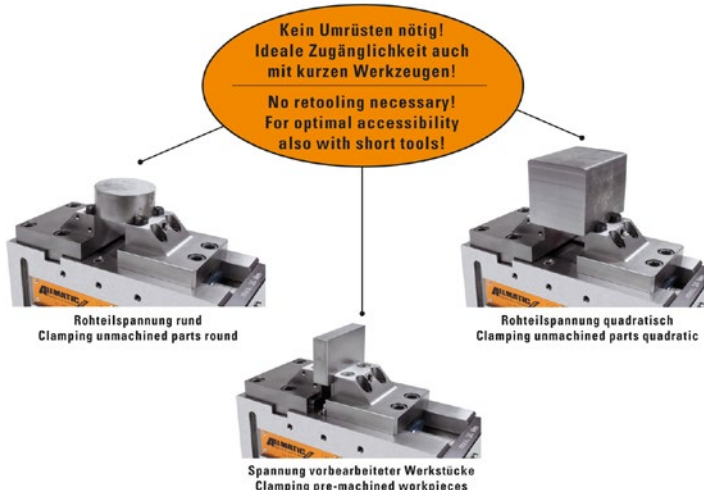
- Material: hardened steel
- Case-hardened and tempered 600 + 50 HV10; hardening depth = 0,2
- Allows unhindered access to the workpiece, even with short tools
- For clamping small to medium-sized workpieces
- Suitable for screw-in gripp-studs
- First and second clamping steps are possible without changing jaws
- Click system on the high side

Note: The movable jaw has no pendulum compensation. It is suitable for rectangular workpieces (saw cuts) $l \leq 0.5$ (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 (Connect)	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 - 95
Clamping range S5 min.	TITAN 2K	159 - 225
Clamping range S1/Slot1 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
a	mm	76
b	mm	116
b1	mm	64
b2	mm	37
c	mm	24
d	mm	20
h	mm	45
l	mm	102
	mm	89

Suitable accessories

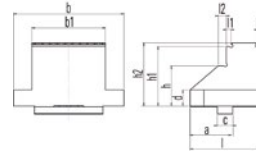
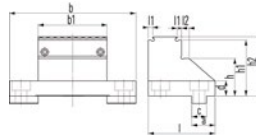
	125 fixed	125 movable
Click parallels	Art.No.	6921535035042
Gripp-stud 2-spike h6,7	Art.No.	6921884036000
Gripp-stud 2-spike h5,2	Art.No.	6921884036100
Gripp-stud carbide 2-spike h8,6	Art.No.	6921884036841
Gripp-stud flat carbide coated h6,7	Art.No.	6921884037000
Gripp-stud 2-spike h9,7	Art.No.	6921884036200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

6921834034231



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
- Hardened 720 +50 HV10; hardening depth: 0,7 + 0,2
- 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 1000 N/mm²

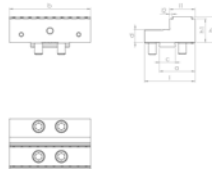
Size		125 fixed	125 movable
Art.No.		6921834034231	6921834036231
Clamping range S1 min.	TeleSense 125 (Connect)		8 - 105,5
Clamping range S2 min.	TeleSense 125 (Connect)		92,5 - 197,5
Clamping range S3* min.	TeleSense 125 (Connect)		0 - 97,5
Clamping range S4* min.	TeleSense 125 (Connect)		84,5 - 198,5
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
Weight	kg	2,6	2,5
a	mm	32,5	50
b	mm	115	115
b1	mm	64	64
c	mm	24	24
d	mm	20	20
h	mm	35	35
h1	mm	52	52
h2	mm	55	55
l	mm	88	82
l1	mm	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.



Gripp jaw with integrated gripper row

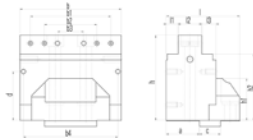
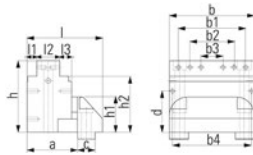
- For rectangular workpieces (sawn material) ≤ 0.5 mm
- Hardened 720 +50 HV10; hardening depth: 0,7 + 0,2
- Rigid design to prevent vibrations when parts are clamped upright
- Additional clamping surfaces, ground on both sides
- For five-sided machining, ensuring best possible accessibility to the workpiece
- Positive locking through penetration of the centres into the material
- Minimal lost clamping margin of approx. 4 mm

Size		125 fixed	125 movable
Art.No.		6921834044031	6921834045031
Clamping range S1 min.	TeleSense 125 (Connect)		8 - 107,5
Clamping range S2 min.	TeleSense 125 (Connect)		94,5 - 199,5
Clamping range S3* min.	TeleSense 125 (Connect)		0 - 99,5
Clamping range S4* min.	TeleSense 125 (Connect)		86,5 - 191,5
Clamping range S1 min.	TITAN 2K		13 - 60
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.	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
a	mm	83,5	54,5
b	mm	124,4	124,4
c	mm		24
d	mm	20	20
h	mm	39,5	39,5
h1	mm	36,5	36,5
l	mm	93,5	77,5
l1	mm	48,5	39
l2	mm	4	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



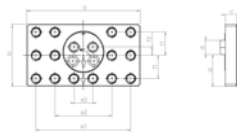
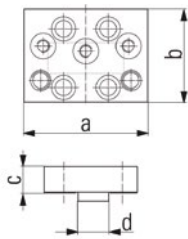
Jaws for five-sided machining

- 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.	NCB 125 M Hydro	16 - 299
Clamping range/Enlargement	NCB 125 M Hydro	- 478
Clamping range S1/Slot1 min.	NCB 125 L Hydro	16 - 255
Clamping range S1/Slot2 min.	NCB 125 L Hydro	249 - 431
Clamping range/Enlargement	NCB 125 L Hydro	- 610
Weight	kg	6,2 5,2
a	mm	69 38
b	mm	116 116
b1	mm	90 92
b2	mm	60 60
b3	mm	30 30
b4	mm	108 108
c	mm	24 24
d	mm	56 56
h	mm	97,5 97,5
h1	mm	48 48
h2	mm	76 76
l	mm	103 84
l1	mm	13,5 13,5
l2	mm	31 27
l3	mm	16,5 16,5

Suitable accessories

	125 fixed	125 movable
Storage set for five-sided-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.	8006300006800



Support jaw, with raster for gripp-studs

- Material: hardened steel
- Case-hardened and tempered 600 + 50 HV10; Eht = 0,2
- 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

Size	125 fixed	125 movable
Art.No.	6921734005642	6921734072642
Clamping range S3* min.	TeleSense 125 (Connect)	26 - 228
Clamping range S1 Ø * min.	TeleSense 125 (Connect)	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.	NCB 125 M Hydro	25 - 357
Clamping range round	NCB 125 M Hydro	Ø 50 - Ø 330
Clamping range/Enlargement	NCB 125 M Hydro	- 536
Clamping range/Enlargement	NCB 125 M Hydro	- Ø 330
Clamping range S1/Slot1 min.	NCB 125 L Hydro	25 - 489
Clamping range round	NCB 125 L Hydro	Ø 50 - Ø 330
Clamping range/Enlargement	NCB 125 L Hydro	- 668
Clamping range/Enlargement	NCB 125 L Hydro	- Ø 330
Weight	kg	3,1 3,1
a	mm	189 189
b	mm	104 103,5
c	mm	20 20
d	mm	24 24
e1	mm	157,5 157,5
e2	mm	94,5 94,5
e3	mm	31,5 31,5
f1	mm	39 38,8
f2	mm	12 13,8
g	mm	26 53,5

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

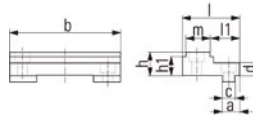
* When using grip insert 2-point h6,7 / Ranges vary based on flu operations

JAW RANGE GRIPP



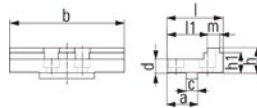
Version T-REX

6921884006041



Version CENTRO-Gripp

6921884002041



Size	125 fixed	125 movable
Art.No.	6921884006041	6921884002041
Clamping range S1 min.	TeleSense 125 (Connect)	19,5 - 124,5
Clamping range S2 min.	TeleSense 125 (Connect)	113,5 - 218,5
Clamping range S3 min.	TeleSense 125 (Connect)	11,5 - 116,5
Clamping range S4 min.	TeleSense 125 (Connect)	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

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

Suitable accessories

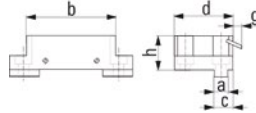
	125 fixed	125 movable
Click parallels h29	Art.No.	6921175029042
Click parallels h16	Art.No.	6921175016042
Click parallels h13	Art.No.	6921475013031

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



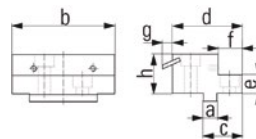
Version T-REX

6921884106031



Version CENTRO-Gripp

6921884102031



Size	125 fixed	125 movable
Art.No.	6921884106031	6921884102031
Clamping range S1 min.	TeleSense 125 (Connect)	0 - 101,2
Clamping range S2 min.	TeleSense 125 (Connect)	65,5 - 170,5
Clamping range S3 min.	TeleSense 125 (Connect)	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

Universal pull-down jaw

- Material: hardened steel
- Hardened 680 +80 HV30; hardening depth: 0,5 + 0,3
- 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

Suitable accessories

	125 fixed	125 movable
Spring leaves	Art.No.	6921884103031

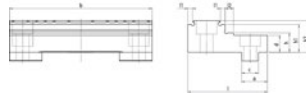
ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.

JAW RANGE GRIPP



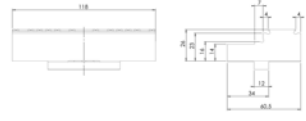
Version T-Rex

6921884034931



Version CENTRO Gripp

6921534036931



Size	125 fixed	125 movable
Art.No.	6921884034931	6921534036931
Clamping range S1 min.	TeleSense 125 (Connect)	18,5 - 123,5
Clamping range S2 min.	TeleSense 125 (Connect)	86,5 - 191,5
Clamping range S3 min.	TeleSense 125 (Connect)	12,5 - 117,5
Clamping range S4 min.	TeleSense 125 (Connect)	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
a	mm	21,5
b	mm	118
c	mm	14
d	mm	14
h	mm	16
h1	mm	23
h2	mm	26
l	mm	66
l1	mm	4
l2	mm	7

Gripper jaw with integrated gripper row

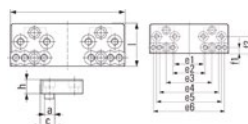
- For rectangular workpieces (sawn material) // $\leq 0.5\text{ mm}$
- Hardened 720 +50 HV10; hardening depth: 0,7 + 0,2
- Rigid design to prevent vibrations when parts are clamped upright
- Additional clamping surfaces, ground on both sides
- For five-sided machining, ensuring best possible accessibility 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 1000 N/mm²

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



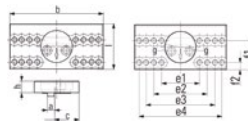
Version T-REX

6921884005242



Version CENTRO-Gripp

6921884072242



Size	125 fixed	125 movable
Art.Nr.	6921884005242	6921884072242
Clamping range S1** min.		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
a	mm	14
b	mm	165
c	mm	20
h	mm	20
l	mm	61
e1	mm	60
e2	mm	68
e3	mm	96
e4	mm	124
f1	mm	12
f2	mm	35

Support jaws for universal gripper set

Suitable accessories

- Material: hardened steel
- Case-hardened and tempered 600 + 50 HV10; hardening depth = 0,2
- Front surface can be used as clamping surface (hardened, ground and polished)
- To mount the Universal Grip Set

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

** When using universal grip set

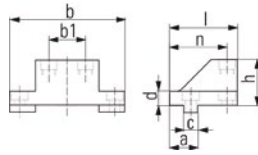
ATTENTION: For the **CENTRO Gripp** and **TeleSense 125** version, the movable jaw is required twice.

JAW RANGE GRIPP

6921884040140



Version T-REX

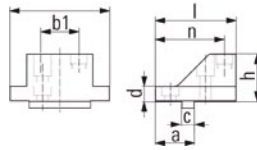


Size	125 fixed	125 movable
Art.No.	6921884040140	6921884040040
Clamping range S1 min.	TeleSense 125 (Connect)	0 - 89,5
Clamping range S1 min.	T-Rex	19 - 67
Clamping range S2 min.	T-Rex	61 - 137
Clamping range S3 min.	T-Rex	128 - 208
Clamping range S4 min.	T-Rex	15 - 59
Clamping range S5 min.	T-Rex	120 - 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
a	mm	28
b	mm	116
b1	mm	37
c	mm	14
d	mm	14
h	mm	45
l	mm	67
n	mm	56

6921884040040



Version CENTRO-Gripp



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

Reduced-width jaw, 64 mm

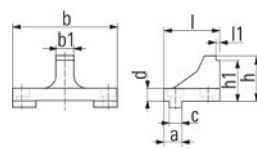
- Allows unhindered access to the workpiece, even with short tools
- For clamping small to medium sized workpieces
- The clamping of unmachined parts (incl. round material) is supported via 2 adjustable gripp-studs in each case (gripp-studs not supplied with the jaws)
- Jaws with Click system for parallels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

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

6921884041141



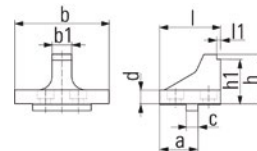
Version T-REX



6921884041041



Version CENTRO-Gripp



Size	125 fixed	125 movable
Art.No.	6921884041141	6921884041041
Clamping range S1 min.	TeleSense 125 (Connect)	29,5 - 134,5
Clamping range S3 min.	TeleSense 125 (Connect)	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
a	mm	20
b	mm	116
b1	mm	20
c	mm	14
d	mm	14
h	mm	50
h1	mm	45
l	mm	62
l1	mm	4

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

Reduced-width jaw, 20 mm

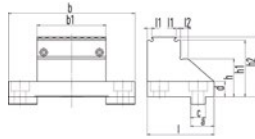
- Material: Hardened steel
- Hardened 680 +80 HV30; hardening depth: 0,5 + 0,3
- For clamping parallel pre-machined small workpieces
- Further enhanced accessibility to the workpiece thanks to slim, tall shape – also optimal for short tools
- Front surface (step) additionally carbide-coated to ensure secure clamping – holding force increased by at least a factor of 2 compared to smooth clamping surfaces

JAW RANGE GRIPP



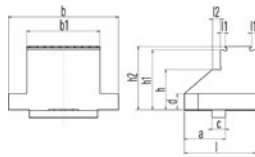
Version T-REX

6921884034031



Version CENTRO Gripp

6921534036031



Jaw 64 mm, with integrated gripper row

- For rectangular workpieces (sawn material) ≤ 0.5 mm
- Hardened 720 +50 HV10; hardening depth: 0,7 + 0,2
- 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 (Connect)	18,5 - 123,5
Clamping range S2 min.	TeleSense 125 (Connect)	86,5 - 191,5
Clamping range S3 min.	TeleSense 125 (Connect)	12,5 - 117,5
Clamping range S4 min.	TeleSense 125 (Connect)	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	1,5
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

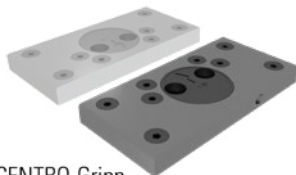
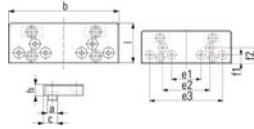
	125 fixed	125 movable
Click parallels	Art.No.	6921535035042

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



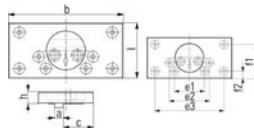
Version T-Rex

6921884005242



CENTRO-Gripp

6921884072242



Support jaws for gripper studs

- Material: hardened steel
- Case-hardened and tempered 600 + 50 HV10; hardening depth = 0,2
- For mounting various studs (pointed/smooth)
- Front surface can be used as clamping surface (hardened, ground and polished)

Pivot jaw:

- For clamping uneven workpieces
- To compensate for non-parallel clamping surfaces
- Studs (pointed/smooth) not included

Size	125 fixed	125 movable
Art.No.	6921884005042	6921884072042
Clamping range S3** min.	TeleSense 125 (Connect)	27 - 208
Clamping range min.	T-Rex	26 - 185
Clamping range min.	T-Rex	73 - 150
Clamping range round	T-Rex	$\emptyset 80 - \emptyset 190$
Clamping range min.	CentroGripp	25 - 274
Clamping range min.	CentroGripp	73 - 150
Clamping range round	CentroGripp	$\emptyset 80 - \emptyset 250$
Weight	kg	1,6
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

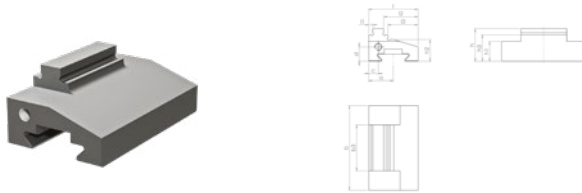


Prismatic jaw, horizontal movable

- 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 (Connect)	Ø 17 - 42
Clamping range D2 min.	TeleSense 125 (Connect)	Ø 38 - 104
Weight	kg	4,7
D1	mm	Ø 17 - Ø 42
D2	mm	Ø 38 - Ø 104
a	mm	27
b	mm	124,4
c	mm	12
h	mm	81

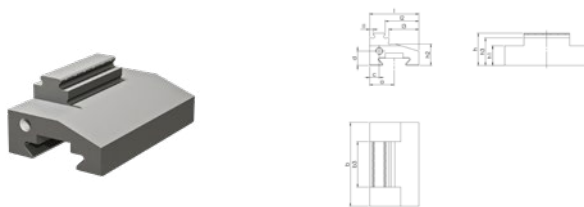
ATTENTION: For the **TeleSense 125** version, the movable jaw is required twice.



Step jaw 38 mm, carbide coated mobile

- Hardened 720 +50 HV10; hardening depth: 0,7 +0,2
- 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 min.	TeleCentric 70 K	9 - 78
Clamping range S1 max.	TeleCentric 70 K	16 - 85
Clamping range S2 min.	TeleCentric 70 K	59 - 128
Clamping range S2 max.	TeleCentric 70 K	66 - 135
Clamping range S1 min.	TeleCentric 70 M	42 - 143
Clamping range S1 max.	TeleCentric 70 M	49 - 150
Clamping range S2 min.	TeleCentric 70 M	92 - 193
Clamping range S2 max.	TeleCentric 70 M	99 - 200
Weight	kg	0,3
a	mm	20,5
b	mm	70
b3	mm	38
c	mm	8
d	mm	12
h	mm	27
h2	mm	18
h3	mm	22
l	mm	41
l1	mm	3,5
l2	mm	28,5
l3	mm	25

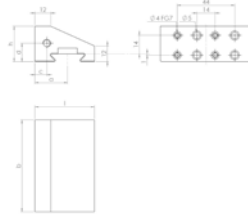
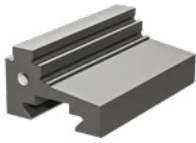


Gripp jaw 38 mm mobile

- 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 1000 N/mm²

Size	70	
Art.No.	6921544020131	
Clamping range S1 min.	TeleCentric 70 K	9 - 78
Clamping range S1 max.	TeleCentric 70 K	15 - 84
Clamping range S2 min.	TeleCentric 70 K	59 - 128
Clamping range S2 max.	TeleCentric 70 K	65 - 134
Clamping range S1 min.	TeleCentric 70 M	42 - 143
Clamping range S1 max.	TeleCentric 70 M	48 - 149
Clamping range S2 min.	TeleCentric 70 M	92 - 193
Clamping range S2 max.	TeleCentric 70 M	98 - 199
Weight	kg	0,3
a	mm	20,5
b	mm	70
b3	mm	38
c	mm	8
d	mm	12
h	mm	27
h1	mm	16,5
h2	mm	18
h3	mm	23
l	mm	41
l1	mm	3
l2	mm	28
l3	mm	25

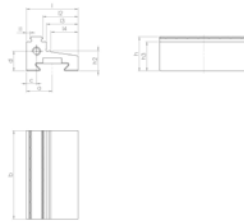
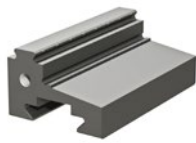
JAW RANGE QUICK CHANGE



Step jaw 70 mm, carbide coated mobile

- Hardened 720 + 50 HV10; Eht 0,7 + 0,2
- 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

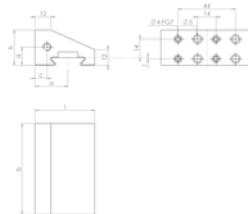
Size	70	
Art.No.	6921544010031	
Clamping range S1 min.	TeleCentric 70 K	9 - 78
Clamping range S1 max.	TeleCentric 70 K	16 - 85
Clamping range S2 min.	TeleCentric 70 K	59 - 128
Clamping range S2 max.	TeleCentric 70 K	66 - 135
Clamping range S1 min.	TeleCentric 70 M	42 - 143
Clamping range S1 max.	TeleCentric 70 M	49 - 150
Clamping range S2 min.	TeleCentric 70 M	92 - 193
Clamping range S2 max.	TeleCentric 70 M	99 - 200
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
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
- Hardened 720 + 50 HV10; hardening depth: 0,7 + 0,2
- 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 1000 N/mm²

Size	70	
Art.No.	6921544010131	
Clamping range S1 min.	TeleCentric 70 K	9 - 78
Clamping range S1 max.	TeleCentric 70 K	15 - 84
Clamping range S2 min.	TeleCentric 70 K	59 - 128
Clamping range S2 max.	TeleCentric 70 K	65 - 134
Clamping range S1 min.	TeleCentric 70 M	42 - 143
Clamping range S1 max.	TeleCentric 70 M	48 - 149
Clamping range S2 min.	TeleCentric 70 M	92 - 193
Clamping range S2 max.	TeleCentric 70 M	98 - 199
Weight	kg	0,3
a	mm	20,5
b	mm	70
c	mm	8
d	mm	15,7
h	mm	27
h2	mm	16
h3	mm	23
l	mm	41
l1	mm	3
l2	mm	28
l3	mm	25
l4	mm	21,5



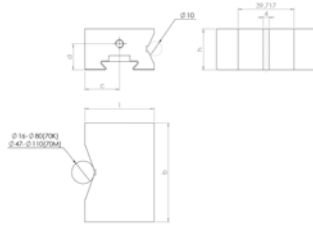
Zero jaw b70

- 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. 207 mm can thus be achieved

Size	70	
Art.No.	6921544060031	
Clamping range S1 min.	TeleCentric 70 K	0 - 207
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

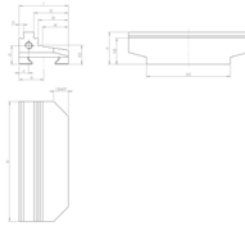
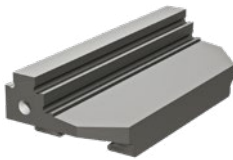
JAW RANGE QUICK CHANGE



Size	70	
Art.No.	6921544090031	
Weight	kg	0,6
D1	TeleCentric 70 K	Ø 16 - Ø 80
D2	TeleCentric 70 M	Ø 47 - Ø 110
b	mm	70
c	mm	24,5
d	mm	18,5
h	mm	29

Prismatic jaw 70 mm mobile

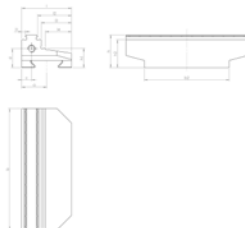
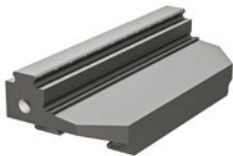
- For horizontal and vertical clamping of round and flat workpieces



Size	70	
Art.No.	6921544030031	
Clamping range S1 min.	TeleCentric 70 K	9 - 78
Clamping range S1 max.	TeleCentric 70 K	16 - 85
Clamping range S2 min.	TeleCentric 70 K	59 - 128
Clamping range S2 max.	TeleCentric 70 K	66 - 135
Clamping range S1 min.	TeleCentric 70 M	42 - 143
Clamping range S1 max.	TeleCentric 70 M	49 - 149
Clamping range S2 min.	TeleCentric 70 M	92 - 193
Clamping range S2 max.	TeleCentric 70 M	99 - 200
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

Step jaw 100 mm, carbide coated mobile

- Material: hardened steel
- 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

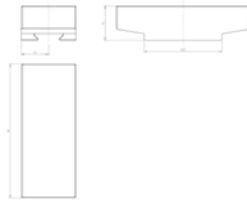


Size	70	
Art.No.	6921544030131	
Clamping range S1 min.	TeleCentric 70 K	9 - 78
Clamping range S1 max.	TeleCentric 70 K	15 - 84
Clamping range S2 min.	TeleCentric 70 K	59 - 128
Clamping range S2 max.	TeleCentric 70 K	65 - 134
Clamping range S1 min.	TeleCentric 70 M	42 - 143
Clamping range S1 max.	TeleCentric 70 M	48 - 149
Clamping range S2 min.	TeleCentric 70 M	92 - 193
Clamping range S2 max.	TeleCentric 70 M	98 - 199
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

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 1000 N/mm²

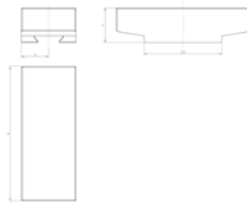
JAW RANGE QUICK CHANGE



Size	70	
Art.No.	6921544080031	
Clamping range S1 min.	TeleCentric 70 K	0 - 70
Clamping range S1 min.	TeleCentric 70 M	34 - 135
Weight	kg	1,2
a	mm	24,5
b	mm	120
b2	mm	70
h	mm	31

Soft jaw 120 mm mobile Steel

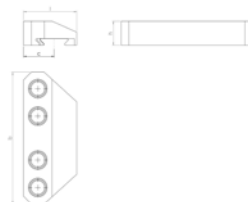
- Material: steel 21MnCr5G
- Jaws can be case-hardened
- For production of special jaws by the customer



Size	70	
Art.No.	6921544081031	
Clamping range S1 min.	TeleCentric 70 K	0 - 70
Clamping range S1 min.	TeleCentric 70 M	34 - 135
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

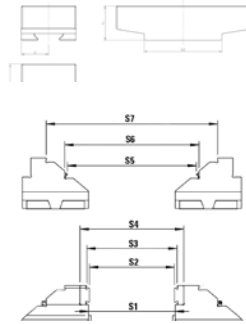


Size	70	
Art.No.	6921544070042	
Clamping range S1 min.	TeleCentric 70 K	24 - 82
Clamping range S1 round min.	TeleCentric 70 K	Ø 50 - Ø 90
Clamping range S2 max.	TeleCentric 70 K	77 - 142
Clamping range S2 round max.	TeleCentric 70 K	Ø 84 - Ø 165
Clamping range S1 min.	TeleCentric 70 M	50 - 147
Clamping range S1 round min.	TeleCentric 70 M	Ø 64 - Ø 170
Clamping range S2 max.	TeleCentric 70 M	15 - 84
Clamping range S2 round max.	TeleCentric 70 M	Ø 117 - Ø 225
Weight	kg	0,6
b	mm	120
c	mm	28
h	mm	22
l	mm	48,5

Support jaw b120

- For clamping raw parts, irregular and round workpieces
- For the mounting of various gripper studs (pointed/smooth)
- Material: hardened steel
- Case-hardened and tempered 720 + 50 HV10; hardening depth = 0,7 + 0,2

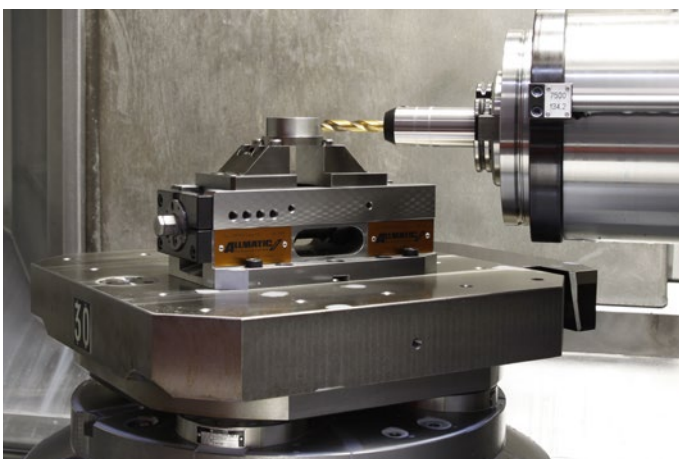
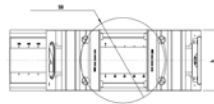
APPLICATIONS



Size	125	
Art.No.	6921864001031	
Clamping range S1 min.	TeleSense	1,5 - 102,5
Clamping range S2 min.	TeleSense	0 - 100,5
Clamping range S3 min.	TeleSense	6 - 106,5
Clamping range S4 min.	TeleSense	21,5 - 122,5
Clamping range S5 min.	TeleSense	51 - 152
Clamping range S6 min.	TeleSense	57,5 - 158,5
Clamping range S7 min.	TeleSense	101,5 - 202,5
Clamping range S8 min.	TeleSense	Ø 150 - Ø 240
b	mm	125

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

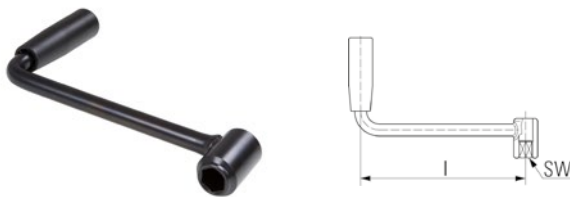


Hand crank



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

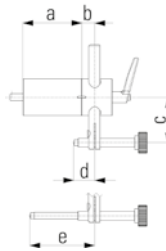


Size	90	100	125	125 M/L	160	200	200 HD
Art.No.	6921685670042						
Weight	kg 0,4						
a	mm 34						
b	mm 27 - 59						
c	mm 31						
d	mm 27						
e	mm 19						

ACCESSORIES

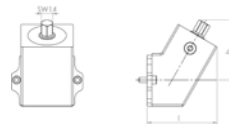
Workpiece stop

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					



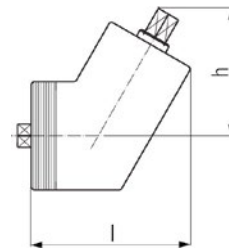
Angular drive

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	



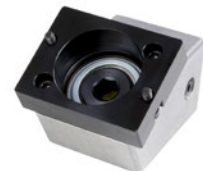
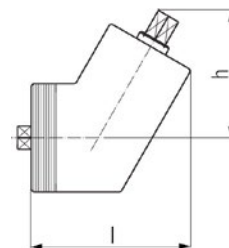
Angular drive

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	



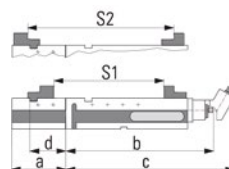
Angular drive

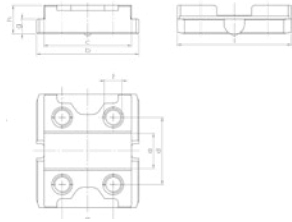
DUO / Size	90	125
Art.No.	6921485700043	
Weight	kg	1,9
Wrench size	mm	14
h	mm	75
l	mm	102



Clamping range enlargement

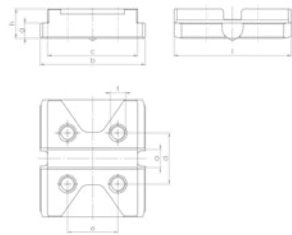
NC/TC/NC8/TITAN/Size	125	160
Art.No.	6921685008055	6921705008055
Weight	kg	19,6
Clamping range S1	mm	259 - 505
Clamping range S2	mm	439 - 675
a	mm	237
b	mm	620
c	mm	683
d	mm	172





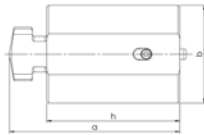
Jaw adapter for NC8/TITAN 2

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	l	mm
d	mm	46		



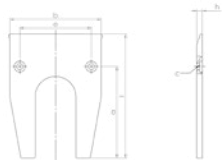
Jaw adapter for CentroGripp/T-Rex

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	l	mm
d	mm	34		



Spindle extension 75 mm

Size	TeleSense 125	
Art.No.	6922861002055	
Weight	kg	1,4
a	mm	96
b	mm	55
h	mm	75



Pull-down parallels h170 (Pair)

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



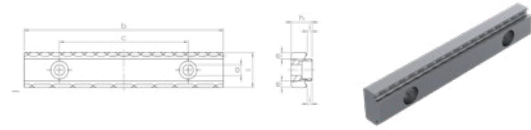
Parallels h144 (Pair)

Size	TeleSense 125	
Art.No.	6921865005031	
Weight	kg	0,5
a	mm	125,5
b	mm	125
c	mm	M8
e	mm	98
h	mm	3
l	mm	144

ACCESSORIES

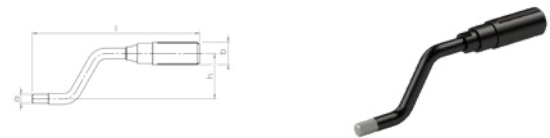
Gripp-strip 125 reversible

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



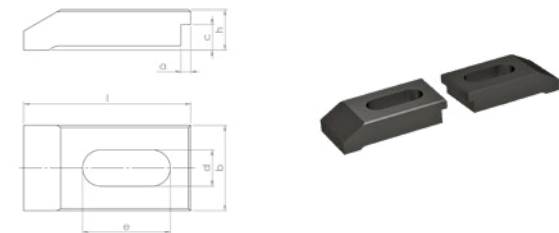
Hand Crank WS10

Size	TeleSense 125	
Art.No.	6921865508031	
Weight	kg	0,5
a	mm	SW10
b	mm	Ø 25
h	mm	50
l	mm	188



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



Hexagonal socket 10-3/8 inch

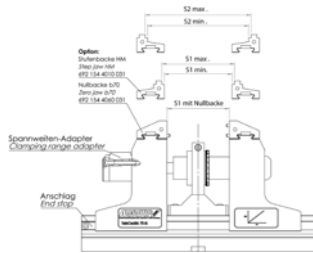
Size	TeleSense 125	
Art.No.	0651130411610	
Weight	kg	0,2
a	mm	SW10
c	in	3/8"
d	mm	16,8
h	mm	Ø19
l	mm	46,8



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





Clamping range adapter

TeleCentric / Size	70 M	
Art.No.	6921545008055	
Weight	kg	0,4
Clamping range S1min. with zero jaw	mm	0 - 93
Clamping range S1min. with step jaw	mm	9 - 102
Clamping range S1max. with step jaw	mm	16 - 109
Clamping range S2 min.	mm	59 - 152
Clamping range S2 max.	mm	66 - 159



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		6921285000031		
Weight	kg 0,9		1,2		

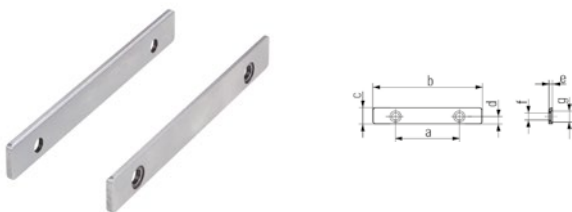


Aligning and fixing set

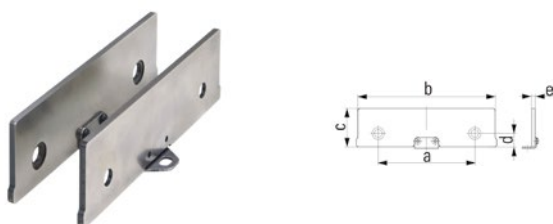
Mounting pallet and machine table	T-Nut 12 / M10	T-Nut 14 / M12	T-Nut 16 / M14	T-Nut 18 / M16	T-Nut 22 / M16
Art.No.	6921285600031	6921285601031	6921285602031	6921285603031	6921285607031
Weight	kg 0,5	0,7	0,9	1	2

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



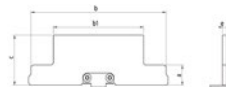
Click parallels (pair)

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			
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)

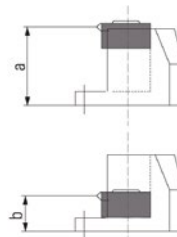
Size	125	
Art.No.	6921535035042	
Weight	kg	0,2
a	mm	14
b	mm	96
b1	mm	64
c	mm	35
e	mm	3



Universal gripper set

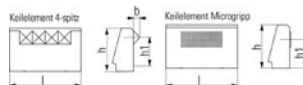
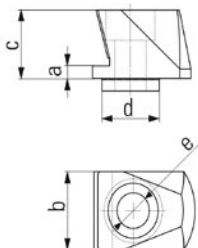
- For clamping complex unmachined parts
- By reworking the individual elements, both grip height and support height can be changed

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 separately and in different heights

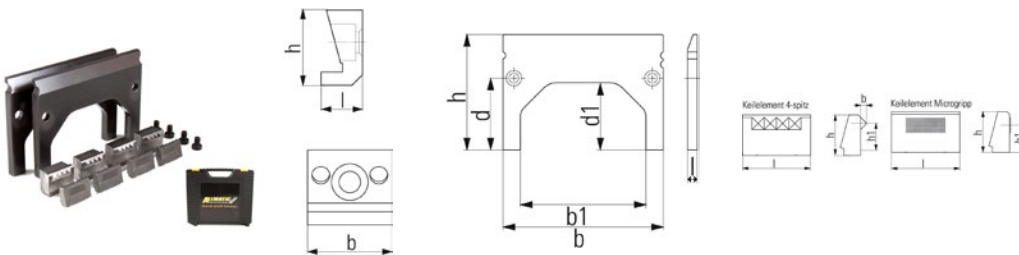


Size	125	125	160
Art.No.	6921734027031	6921734027131	69217344027231
Description	Pull down set, low	Pull down set, high	Pull down set TITAN 2-160
Weight	kg	1,5	2
Wedge adapter			
a	mm	4	18
b	mm	24	24
c	mm	21,7	35,7
d		Ø 20	Ø 20
e	mm	Ø 11	Ø 11
Wedge element			
b	mm	2,4	
h	mm	16,5	
h1	mm	13 resp. 11	
l	mm	27,8	
Support pin			
h	mm	23 resp. 34	34 resp. 48
			34 resp. 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

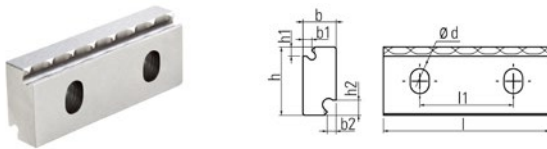
Storage set for five-side-machining jaw

- 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 separately 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 carbide 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/mm ²	1000 N/mm ²	1000 N/mm ²	1000 N/mm ²	1400 N/mm ²	1000 N/mm ²	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 gripper-studs

THE LEAP INTO THE FUTURE

Automation and Industry 4.0



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
- Gripper and step jaws in width 67 mm and 38 mm available
- Gripper 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
- Gripper and step jaws in width 67 mm and 38 mm available
- Gripper jaws with LANG toothing available
- Weight: max. 5,7 kg



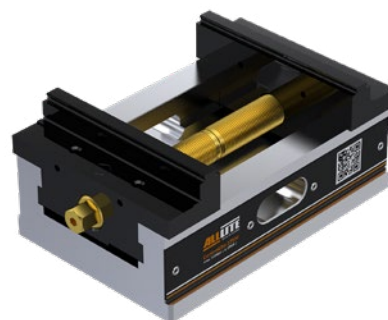
CentroLite 68 K/M is compatible with the following zero-point clamping systems:

- AMF K10/K20
- GRESSEL gredoc
- Schunk VERO-S
- Lang Quick Point 52×52
- 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 gripper jaws: 0-164 mm
- Clamping width with step jaws: 0-165 mm
- Gripper and step jaws in width 124 mm verfügbar
- Gripper jaws with LANG toothing available
- Weight: max.9,7 kg



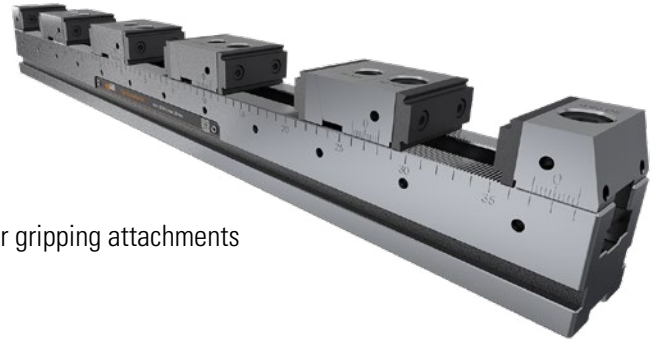
CentroLite 125 is compatible with the following zero-point clamping systems:

- AMF
- GRESSEL gredoc
- Lang Quick Point 96×96
- 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** +/- 0.01 mm
- Can also be mounted **vertically on tower**

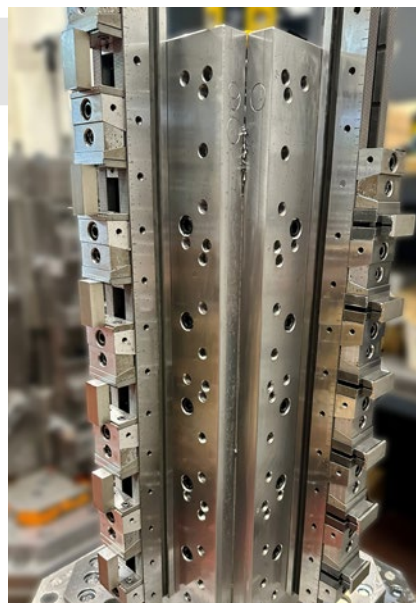
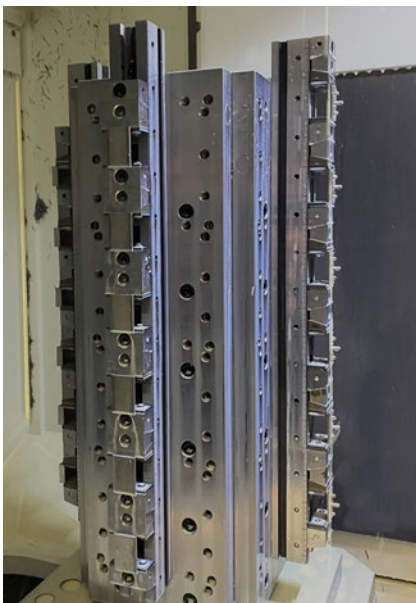


Maximum flexibility & accuracy

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

Width 72 mm		
Length (in mm)	Clamping points	Hole pattern (in mm)
400	3	100
500	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

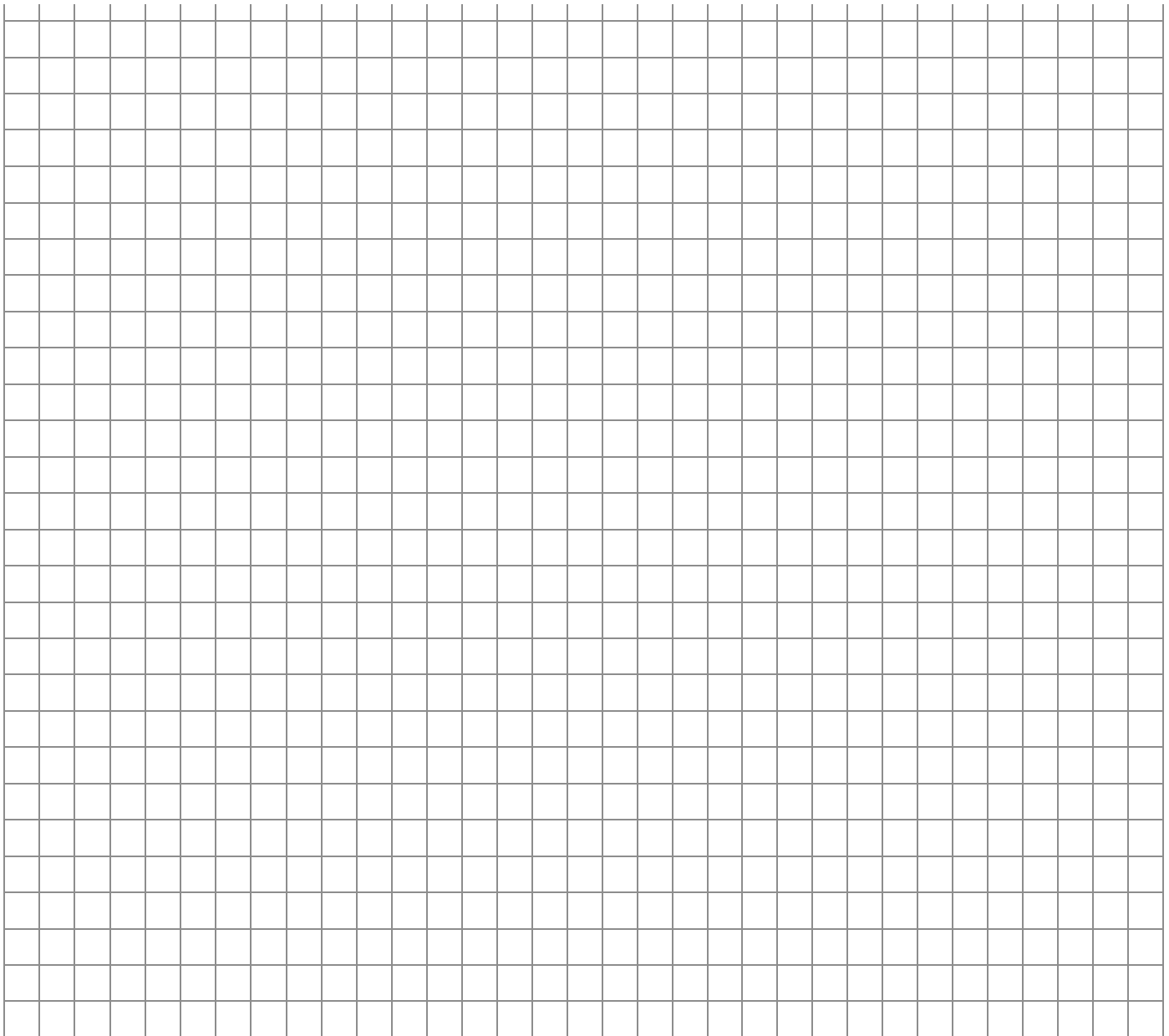
Powerful systems are only as valuable as you exploit their capacities. To ensure full performance of the ALLMATIC clamping systems, we provide you with comprehensive media support and practical services. For example with:

- 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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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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