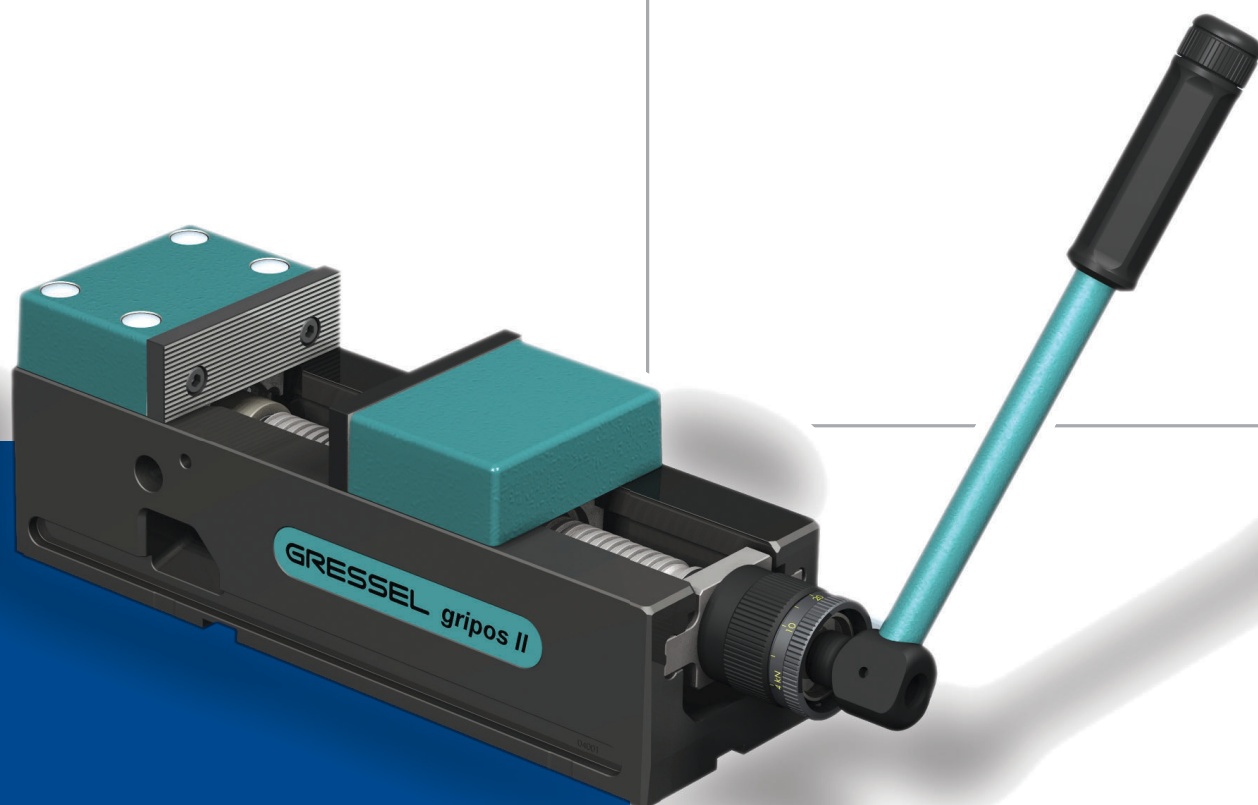


**NC rapid action vice with drawbar**

***gripos II***

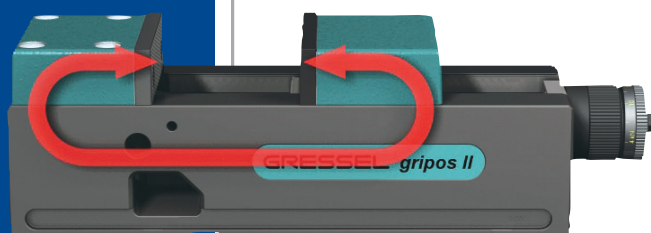
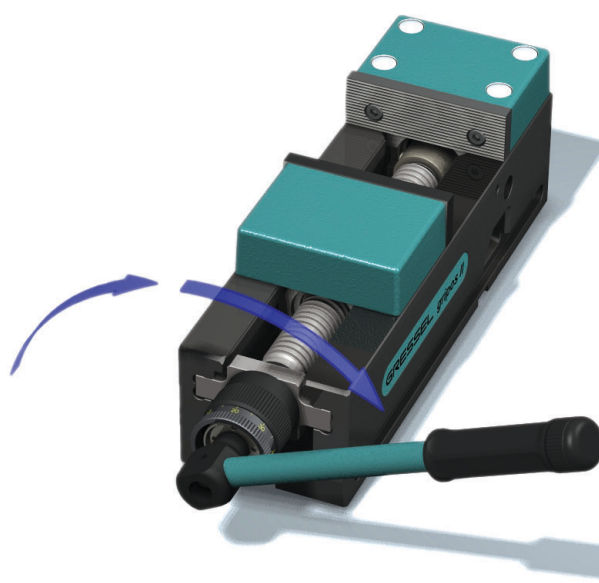


**The unique, patented rapid-action lever clamping system**  
with mechanical force amplification.

**The novel design of gripos II**  
provides additional benefits  
such as:

**Drawbar principle**

The clamping pressures act  
optimally on the workpiece  
and not on the  
basic body.



**GRESSEL**

# High-speed Clamping ...

## GRESSEL Clamping Systems

Through innovation and experience GRESSEL clamping systems have become the epitome of cleverness, precision and reliability. They enjoy world-wide appreciation, moreover thanks to their cost-effectiveness, durability and versatility.

### A unique design

- compact construction
- few structural parts
- for clamping the widest range of workpieces

### Quick-action lever clamping

- clamped at cyberspeed
- small angle of rotation of max. 160°
- dosed or full clamping pressure
- no cranking, no bevel drive
- easy to operate in the middle of the machine table

## gripos II

### Enclosed force amplification

- Protection from chips and fluid
- vibration resistant
- mechanical locking

### Trouble-free clamping

- no co-rotation of the external spindle
- no jamming of chips

### Versatile jaw program

- the right clamp jaws for any requirement
- an extensive jaw program of standard, special – purpose and quick-change jaws is available
- compatible to most GRESSEL vices

### Controlled clamping pressure

- 10% to 100%
- infinitely variable
- no loss of clamping pressure

### Drawbar

- The basic body is relieved of direct clamping forces and remains stable – even under extreme loading.
- The stationary jaw has a direct counter-traction.
- The workpiece – outside edge as a reference remains at all times in the same position – even with the widest range of clamping forces.
- The advantages of gripos II can therefore be used also for precision work.
- At full clamping depth the outer edged of the workpiece deviates less than 0.01 mm.

### Coolant drain-off

- controlled drain-off of coolant
- trouble-free working

### Clamping pressure using drawbar

- no bending of the basic body
- maximum working precision

### Dimensionally stable basic body

- wear resistant
- black surface protection
- precision slots for transverse or longitudinal set-up, dowel holes for 40 mm and 50 mm grids.

### Removal of the spindle assembly

- without screws in no time at all
- easy access for positioning and fastening of gripos II
- easy maintenance, lightning-fast and easy cleaning

... in manufacturing and automation.

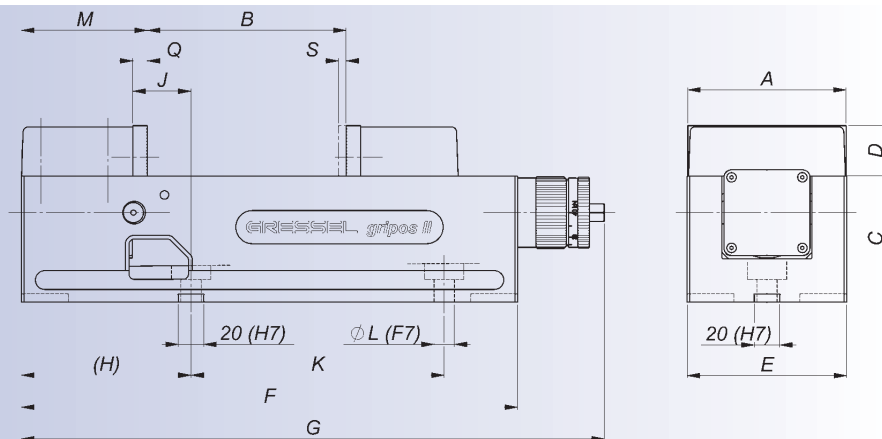
Modular construction for maximum economy.

# Technical Data

Type	Description	Jaw width	Clamp. pressure [kN]	Scope of supply	Order No
<b>gripos II 100</b>	NC quick action vice	100	4 - 30	2 standard jaws	GTS.100.000.01
<b>gripos II 125</b>	with drawbar	125	4 - 40	profiled 1 clamping lever 4 clamps	GTS.125.000.01



## gripos II rapid action vice

Rapid clamping with mechanical force amplification.



Type	[mm]														[kg]
	A	B	C	D	E	F	G	H	J	K	L	M	Q	S	Weight
<b>gripos II 100</b>	100	0-153	75	35	101	307	375	110,5	38	120/150	12	82,5	10	2,5	19
<b>gripos II 125</b>	125	0-205	100	40	126	392	460	134	46	200	16	99,5	11,5	3	34

## Accessories

	Type	Description	Order No
	<b>Quick action grip</b> for jaw opening- adjustment	with detachable ball grip, appropriate for gripos II 100 and gripos II 125	GPA.000.032.01
	<b>Material stop</b>	appropriate for gripos II 100 and gripos II 125	MSA.000.275.01

## Jaw assortment – positioning and fastening

The complete GRESSEL grefors jaw program is available for the widest range of requirements.

workpiece supports and set-up bolts are identical to the GRESSEL gripos program.

## Vertrieb:

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