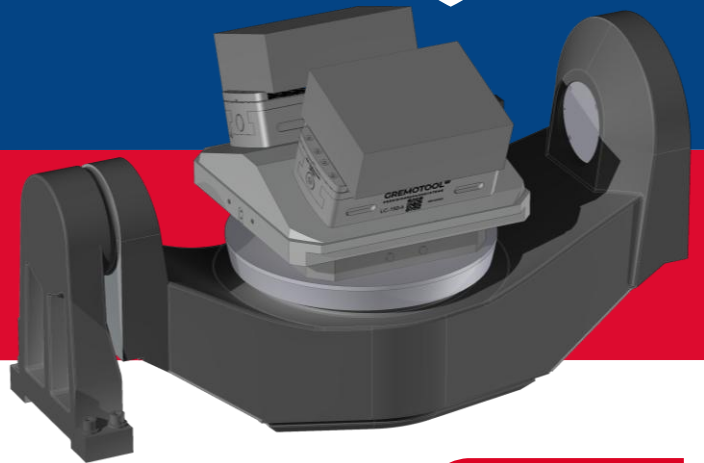


System 3R

Gremotool clamping devices & System 3R



swiss
made



Overview

Gremotool clamping devices with System 3R

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Product presentation

Gremotool clamping devices with System 3R

The automated production requires flexible and precise clamping devices. System 3R's zero-point clamping system provide a larger part of this flexibility. Different clamping devices require a common interface so that they can be customised to the requirements of the workpiece to be clamped. The ideal solution is clamping devices of Gremotool, which precisely connect the workpiece and the zero-point clamping system.



Product presentation

Advantages Gremotool with System 3R

Clamping force

The high clamping forces of the Gremotool clamping devices can be influenced by torque or pressure. This makes it possible to clamp plastic workpieces without deformation and forged parts with a secure hold without damaging the clamping device.

Centering precision

The design of all Gremotool centring vices guarantees the user precise centring of ± 0.02 mm in the centre of the clamping device.

Accessibility

The Gremotool clamping devices are suitable for various application scenarios. Accessibility for the processing machine is a key element in enabling the best possible processing strategy. They can be used directly on the zero-point clamping system, on pallets or on towers.

Compact

The compact power package fit into any machine and guarantee a firm hold of the workpiece for machining. The solid construction with low weight also allows manual re-tooling.

Enclosed and low maintenance

Due to the design of the centre clamps, no chips remain in the clamping device. This means that all components are subject to less wear, which reduces maintenance to a minimum.

Short set-up times

Gremotool clamping devices are all equipped with various connection options. No special versions for standard pallets are required to change the clamping devices, precision pins and screws are loosened and tightened again.

Large range of jaws

The jaws on all Gremotool centre clamps are interchangeable. From gripping jaws to soft jaws made of aluminium, no requirements remain unfulfilled for the demands placed on the workpieces.

Automating the process

If special requirements of the automation are placed on the clamping devices, the Gremotool clamping devices are ideal. The clamping devices can be equipped with various interfaces, including those integrated directly into the clamping device. This allows the machining area of the machine to be utilised even more optimally.

Short delivery times

The short delivery times of jaws allows to work quickly and flexibly with the Gremotool range of jaws.

Get started immediately

A pair of gripper jaws is supplied with each clamping device at no extra cost, allowing you to clamp raw parts at no additional costs.

Product presentation

PMC-50 with System 3R MacroMagnum

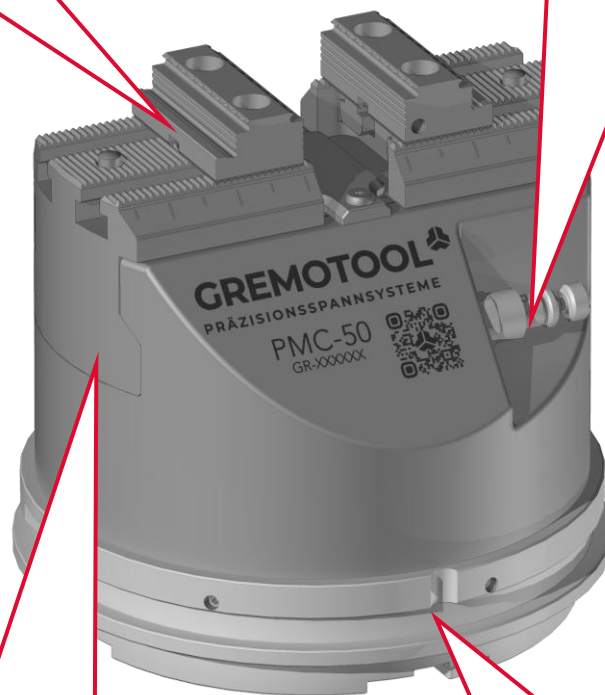
pneumatic /
hydraulic

Gremotool system of jaws

- + interchangeable between series
- + quick change of jaws
- + protruding jaws possible

Enclosed design with valve

- + ideal chip flow
- + 3-fold clamping reliability
- + adjustable clamping force by valve



Centring precision $\pm 0.01\text{mm}$

- + precision for multi-axis machining
- + high repeat precision
- + reduces vibrations on the workpiece

Suitable with pallets of System 3R

- + designed for automation
- + deep for larger workpiece in machine
- + RFID-Chip attachable

Product presentation

2x SC-100 with System 3R Dynafix

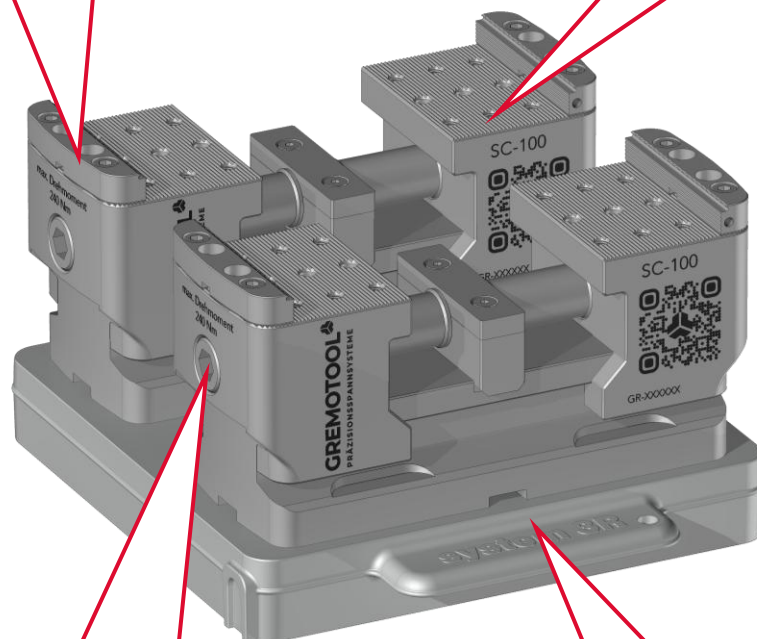
mechanical

Gremotool system of jaws

- + interchangeable between series
- + quick change of jaws
- + protruding jaws possible

High design

- + ideal chip flow
- + high accessibility
- + idealised clamping force



Centring precision $\pm 0.01\text{mm}$

- + precision for multi-axis machining
- + high repeat precision
- + reduces vibrations on the workpiece

Suitable with pallets of System 3R

- + e.g. on System 3R Dynafix
- + centre, left, right, left & right
- + fast, precise assembly from below

Product presentation

VC-74 vise modules with System 3R Delphin

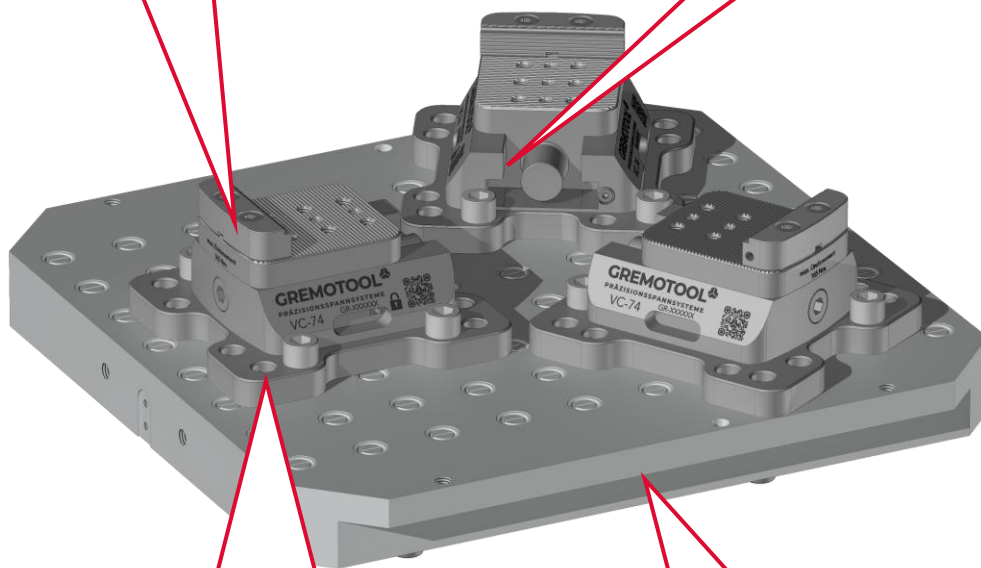
mechanical

Gremotool system of jaws

- + interchangeable between series
- + quick change of jaws
- + protruding jaws possible

Enclosed design

- + ideal chip flow
- + high accessibility
- + idealised clamping force



Modular design

- + Modules can be positioned individually
- + for 40mm und 50mm perforated grid
- + can be mounted by 30° for round workpieces

Suitable with pallets of System 3R

- + designed for automation
- + deep for larger workpiece in machine
- + RFID-Chip attachable

Product presentation

LC-50 with integrated System 3R GPS-120

mechanical

Gremotool system of jaws

- + interchangeable between series
- + quick change of jaws
- + protruding jaws possible

Enclosed design

- + ideal chip flow
- + high accessibility
- + idealised clamping force



Centring precision $\pm 0.01\text{mm}$

- + precision for multi-axis machining
- + high repeat precision
- + reduces vibrations on the workpiece

Integrated pallet for GPS-120

- + designed for automation
- + deep for larger workpiece in machine
- + RFID-Chip attachable

Product presentation

RC-38 with System 3R Dynafix

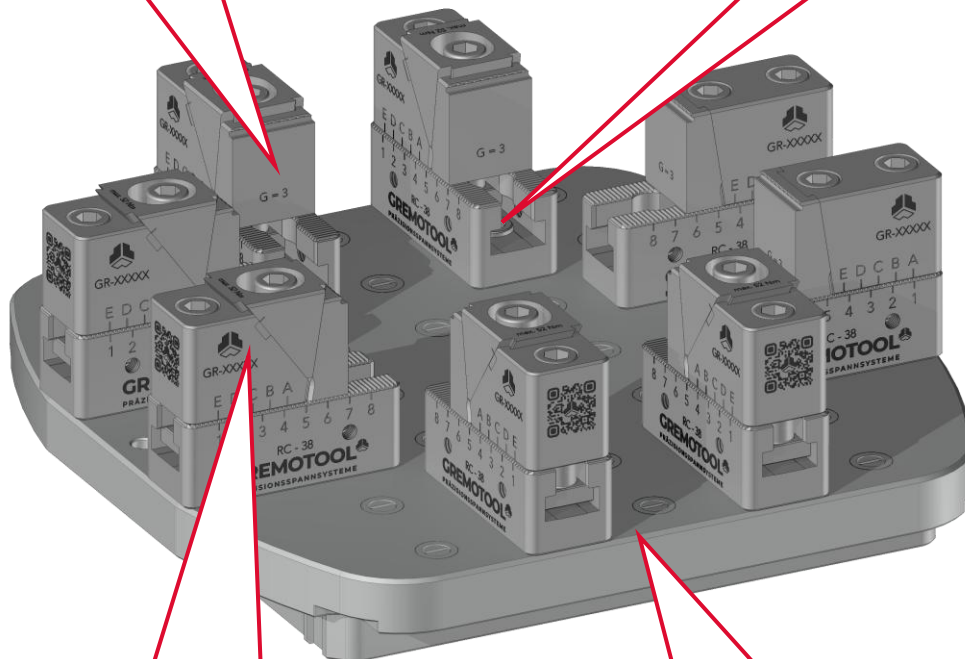
mechanical

Gremotool quick-change system

- + jaws quickly interchangeable
- + different jaw types
- + with pull-down effect

Modular Design

- + various modules
- + optimal accessibility
- + idealised clamping force



Precision $\pm 0.01\text{mm}$

- + precision for multi-axis machining
- + high repeat precision
- + reduces vibrations on the workpiece

Can be combined with System 3R pallets

- + designed for automation
- + deep for larger workpiece in machine
- + RFID-Chip attachable

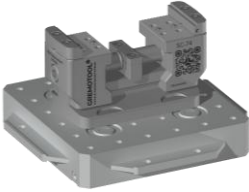
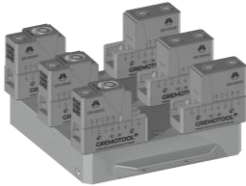
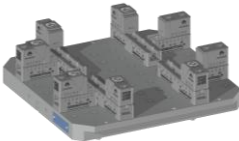
Overview of products

Gremotool clamping devices with System 3R

	Macro	MacroMagnum	GPS 70	GPS 120
PMC / HMC pneumatic / hydraulic	-	 PMC / HMC-50	-	-
SC mechanical	 SC-34 / 40	 SC-34 / 40 / 50 / 60 / 74	 SC-34 / 40	 SC-34 / 40 / 50 / 60
VC mechanical	-	-	-	-
LC mechanical	 LC-34 / 40	 LC-34 / 40 / 50 / 60 / 74	 LC-34 / 40	 LC-34 / 40 / 50 / 60
RC mechanical	-	-	-	-

Overview of products

Gremotool clamping devices and System 3R

	GPS 240	Dynafix	Delphin
PMC / HMC pneumatic / hydraulic	 PMC-50 / 60 / 60l / 74	 PMC-50 / 60 / 60l / 74	 PMC / HMC-50 / 60 / 60l / 74 / 100 / 120
SC mechanical	 SC-34 / 40 / 50 / 60 / 74 / 100 / 120	 SC-34 / 40 / 50 / 60 / 74 / 100 / 120	 SC-34 / 40 / 50 / 60 / 74 / 100 / 120
VC mechanical	-	-	 VC-60 / 74 / 100 / 120 / 150
LC mechanical	 LC-34 / 40 / 50 / 60 / 74 / 100 / 120	 LC-34 / 40 / 50 / 60 / 74 / 100 / 120 / 150	 LC-34 / 40 / 50 / 60 / 74 / 100 / 120 / 150
RC mechanical	 RC-38	 RC-38	 RC-38

Variant table

System 3R Macro with SC

mechanical

The SC series can be mounted on the Macro pallets from System 3R without modifications.

It is also possible to attach only the reference element directly to the SC series without a superstructure.

The height of the SC series enables optimum accessibility for 5-axis machining on workpieces.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the SC series, please get directly in touch with us or consult the SC catalogue.



SC-34 with System 3R Macro Pallet



SC-40 with System 3R Macro Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Macro with LC

mechanical

The LC series can be mounted on the Macro pallets from System 3R without modifications.

It is also possible to attach only the reference element directly to the LC series without a superstructure.

Due to the enclosed design of the LC series, no chips remain on the clamping device.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the LC series, please get directly in touch with us or consult the LC catalogue.



LC-34 with System 3R Macro Pallet



LC-40 with System 3R Macro Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R MacroMagnum with PMC

pneumatic /
hydraulic

The PMC/HMC-50 is designed to fit the MacroMagnum pallet by System 3R.

This is supplied from below through the pallet using pneumatics or hydraulics.

The clamping force of the PMC can be individually adjusted to the workpiece using the reducing valve.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the PMC series, please get directly in touch with us or consult the PMC catalogue.



PMC-50 with System 3R MacroMagnum Palette



**HMC-50 with System 3R
MacroMagnum-Palette**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R MacroMagnum with SC

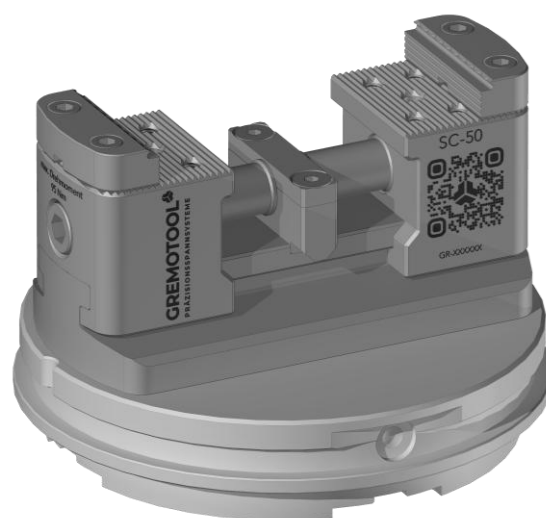
mechanical

The SC series can be mounted on System 3R MacroMagnum pallets without modifications.

The height of the SC series enables optimum accessibility for 5-axis machining on workpieces.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the SC series, please get in touch directly with us or consult the SC catalogue.



SC-50 with System 3R MacroMagnum Pallet



2x SC-40 with System 3R MacroMagnum-Pallet



SC-60 with System 3R MacroMagnum-Pallet



SC-74 with System 3R MacroMagnum-Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R MacroMagnum with LC

mechanical

The LC series can be mounted on the MacroMagnum pallets from System 3R without modifications.

Due to the closed design of the LC series, no chips remain on the clamping device.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the LC series, please get directly in touch with us or consult the LC catalogue.



LC-50 with System 3R MacroMagnum Pallet



2x LC-40 with System 3R MacroMagnum-Pallet



LC-60 with System 3R MacroMagnum-Pallet



LC-74 with System 3R MacroMagnum-Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-70 with SC

mechanical

The SC series can be mounted on the GPS-70 pallets from System 3R without modifications.

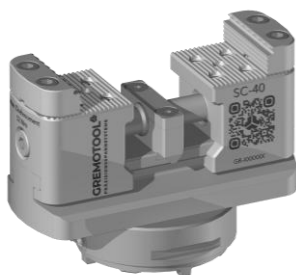
The height of the SC series enables optimum accessibility for 5-axis machining on workpieces.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the SC series, please get directly in touch with us or consult the SC catalogue.



SC-34 with System 3R GPS-70 Pallet



SC-40 with System 3R GPS-70-Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-70 with LC

mechanical

The LC series can be mounted on the GPS-70 pallets from System 3R without modifications.

Due to the closed design of the LC series, no chips remain on the clamping device.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the LC series, please get directly in touch with us or consult the LC catalogue.



LC-34 with System 3R GPS-70 Pallet



LC-40 with System 3R GPS-70-Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-120 with SC

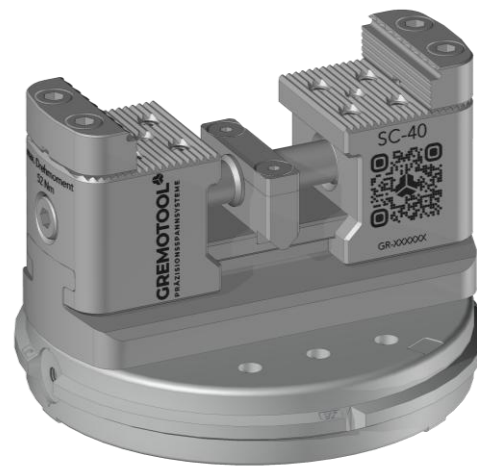
mechanical

The SC series can be mounted on the GPS-120 pallets from System 3R without modifications.

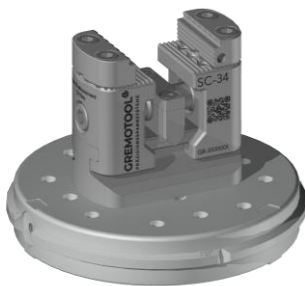
The height of the SC series enables optimum accessibility for 5-axis machining on workpieces.

The large range of jaws also offers suitable jaws for any application.

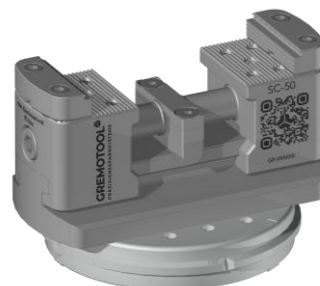
For the exact data of the SC series, please get directly in touch with us or consult the SC catalogue.



SC-40 with System 3R GPS-120 Pallet



**SC-34 with System 3R
GPS-120-Pallet**



**SC-50 with System 3R
GPS-120 Pallet**



**SC-60 with System 3R
GPS-120 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-120 with LC

mechanical

The LC series can be mounted on the GPS-120 pallets from System 3R without modifications.

Due to the closed design of the LC series, no chips remain on the clamping device.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the LC series, please get directly in touch with us or consult the LC catalogue.



LC-40 with System 3R GPS-120 Pallet



**LC-34 with System 3R
GPS-120-Pallet**



**LC-50 with System 3R
GPS-120 Pallet**



**LC-60 with System 3R
GPS-120 Pallet**



**LC-50 with integrated
System 3R GPS-120 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-240 with PMC

pneumatic

The PMC series is designed to fit the GPS-240 pallet of System 3R.

Pneumatically supplied from below through the pallet.

Using the reducing valve the clamping force can be individually adjusted to the workpiece.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the PMC series, please get directly in touch with us or consult the PMC catalogue.



PMC-60 with System 3R GPS-240 Pallet



**PMC-60I with System 3R
GPS-240 Pallet**



**PMC-74 with System 3R
GPS-240 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-240 with SC

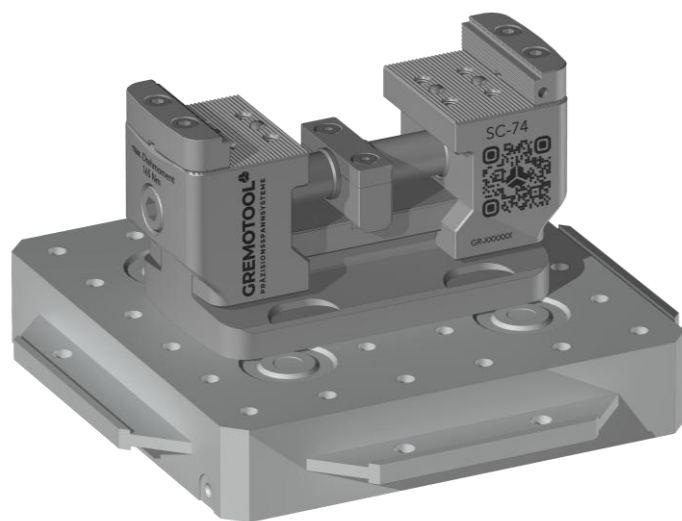
mechanical

The SC series can be mounted on the GPS-240 pallets from System 3R without any modifications.

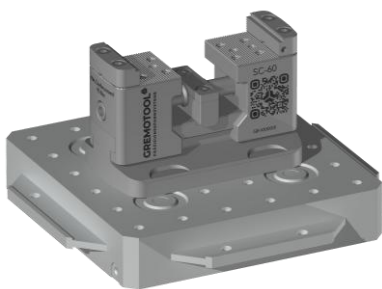
The height of the SC series enables optimum accessibility for 5-axis machining on workpieces.

The large range of jaws also offers suitable jaws for any application.

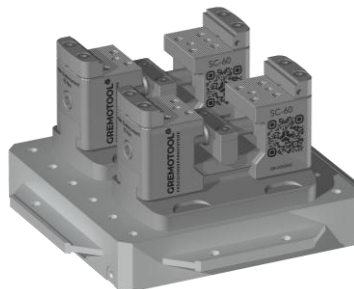
For the exact data of the SC series, please get directly in touch with us or consult the SC catalogue.



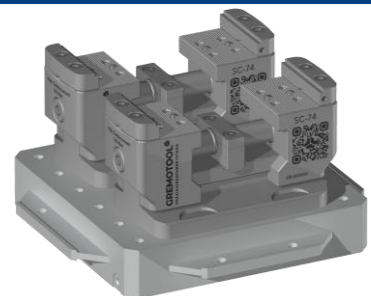
SC-74 with System 3R GPS-240 Pallet



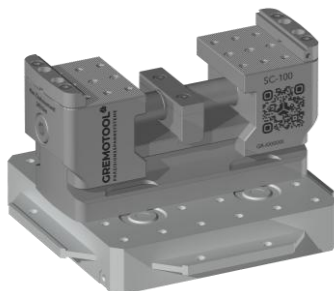
SC-60 with System 3R GPS-240 Pallet



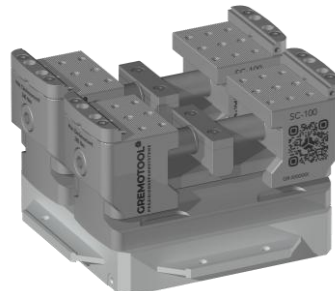
2x SC-60 with System 3R GPS-240 Pallet



2x SC-74 with System 3R GPS-240 Pallet



SC-100 with System 3R GPS-240 Pallet



2x SC-100 with System 3R GPS-240 Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-240 with LC

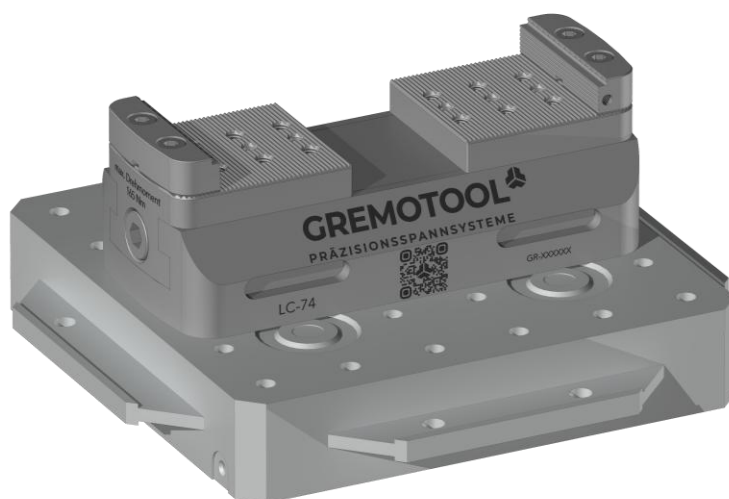
mechanical

The LC series can be mounted on the GPS-240 pallets from System 3R without any modifications.

Due to the closed design of the LC series, no chips remain on the clamping device.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the LC series, please get directly in touch with us or consult the LC catalogue.



LC-74 with System 3R GPS-240 Pallet



**LC-60 with System 3R
GPS-240 Pallet**



**2x LC-60 with System 3R
GPS-240 Pallet**



**2x LC-74 with System 3R
GPS-240 Pallet**



**LC-100 with System 3R
GPS-240 Pallet**



**2x LC-100 with System 3R
GPS-240 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R GPS-240 with RC

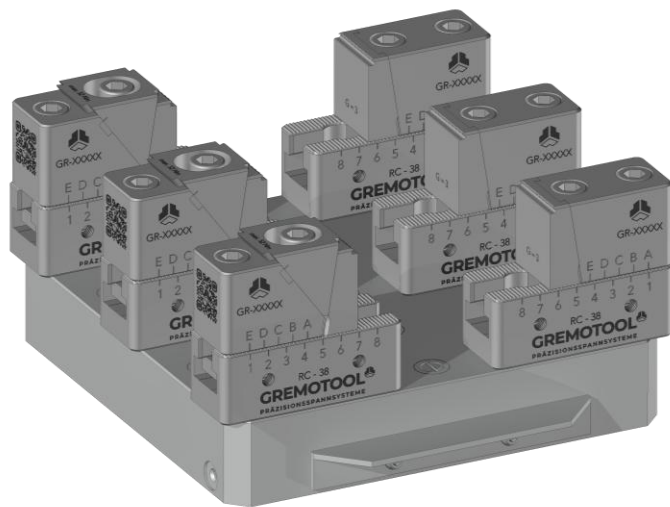
mechanical

The RC-series can be mounted on the pore hole grid panels and on the GPS-240 pallets form System 3R without modifications.

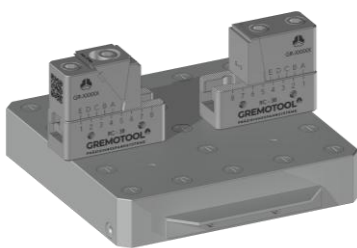
The modular design of the RC-series allows different clamping situations for the workpieces.

The quick-change jaw system offers a pull-down function and the right jaw for the workpieces.

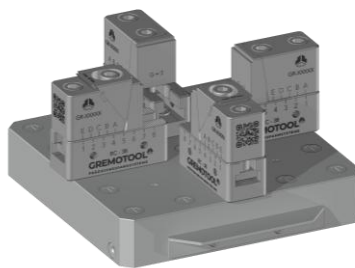
For the exact data of the RC series, please get directly in touch with us or consult the RC catalogue.



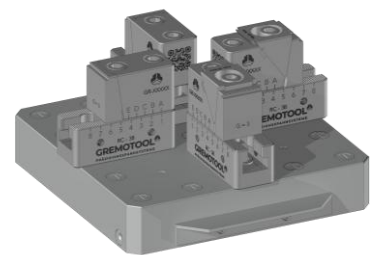
3x RC-38 with System 3R GPS-240 Pallet



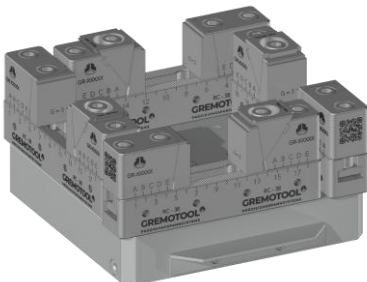
**RC-38 with System 3R
GPS-240 Pallet**



**2x RC-38 with System 3R
GPS-240 Pallet**



**2x RC-38 facing outwards
with System 3R GPS-240 Pallet**



**4x RC-38 with System 3R
GPS-240 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Dynafix with PMC

pneumatic

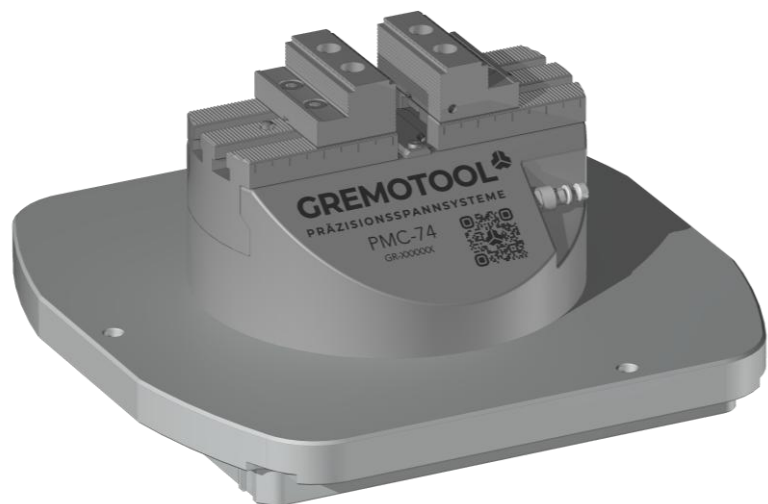
The PMC series is designed to fit the Dynafix pallet from System 3R.

Pneumatically supplied from below through the pallet.

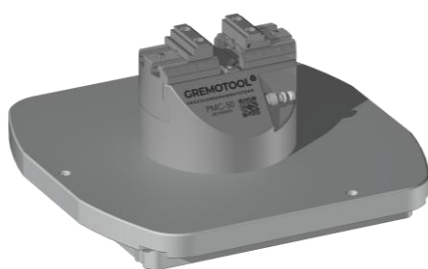
Using the reducing valve the clamping force can be individually adjusted to the workpiece.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the PMC series, please get directly in touch with us or consult the PMC catalogue.



PMC-74 with System 3R Dynafix Pallet



**PMC-50 with System 3R
Dynafix Pallet**



**PMC-60 with System 3R
Dynafix Pallet**



**PMC-60I with System 3R
Dynafix Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Dynafix with SC

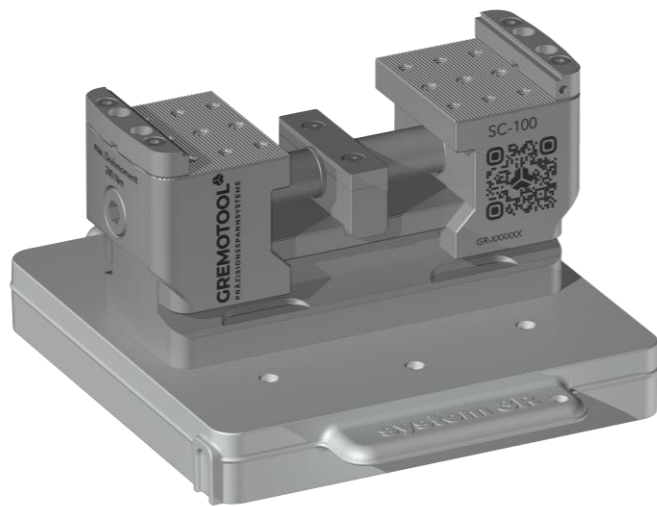
mechanical

The SC series can be mounted on the Dynafix pallets from System 3R without any modifications.

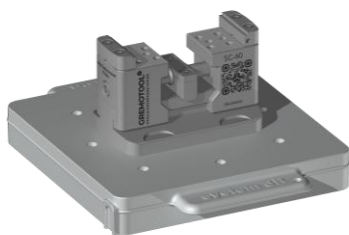
The height of the SC series enables optimum accessibility for 5-axis machining on workpieces.

The large range of jaws also offers suitable jaws for any application.

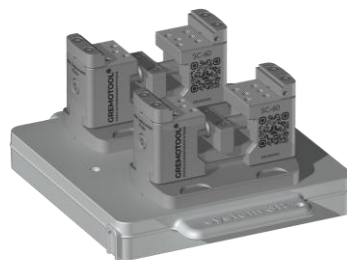
For the exact data of the SC series, please get directly in touch with us or consult the SC catalogue.



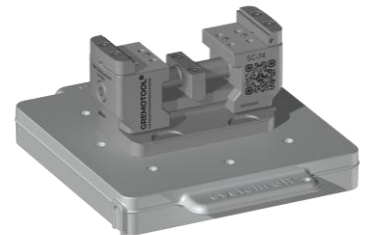
SC-100 with System 3R Dynafix Palette



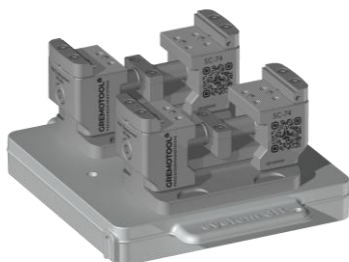
**SC-60 with System 3R
Dynafix Pallet**



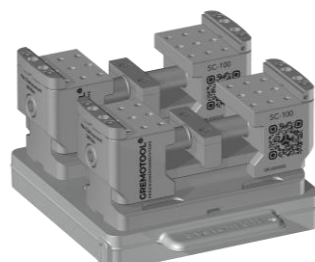
**2x SC-60 with System 3R
Dynafix Pallet**



**SC-74 with System 3R
Dynafix Pallet**



**2x SC-74 with System 3R
Dynafix Pallet**



**2x SC-100 with System 3R
Dynafix Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Dynafix with LC

mechanical

The LC series can be mounted on the Dynafix pallets from System 3R without any modifications.

Due to the closed design of the LC series, no chips remain on the clamping device.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the LC series, please get directly in touch with us or consult the LC catalogue.



LC-100 with System 3R Dynafix Pallet



**LC-60 with System 3R
Dynafix Pallet**



**2x LC-60 with System 3R
Dynafix Pallet**



**LC-74 with System 3R
Dynafix Pallet**



**2x LC-74 with System 3R
Dynafix Pallet**



**2x LC-100 with System 3R
Dynafix Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Dynafix with RC

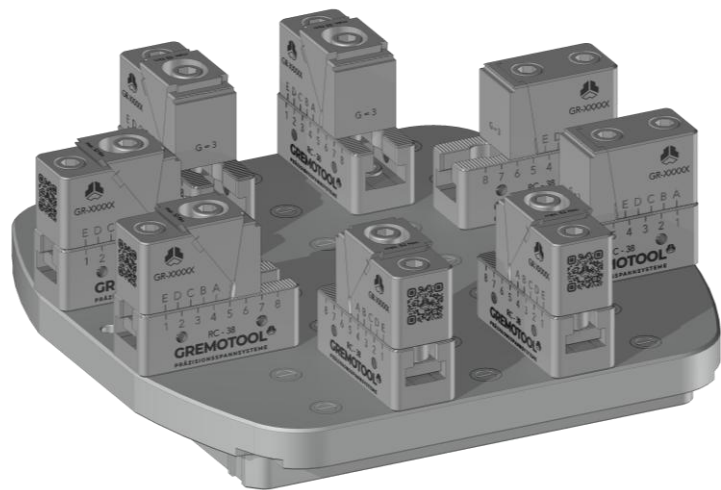
mechanical

The RC-series can be mounted on the pore hole grid panels and on the Dynafix pallets form System 3R without modifications.

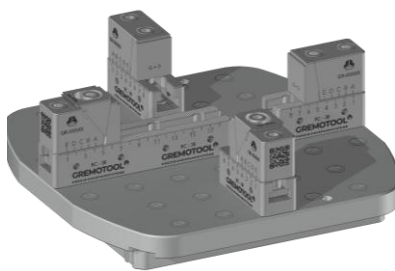
The modular design of the RC-series allows different clamping situations for the workpieces.

The quick-change jaw system offers a pull-down function and the right jaw for the workpieces.

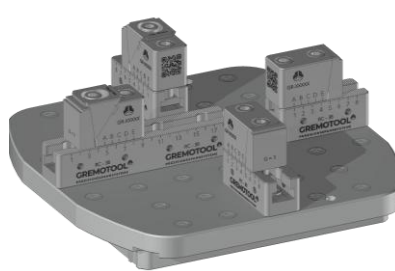
For the exact data of the RC series, please get directly in touch with us or consult the RC catalogue.



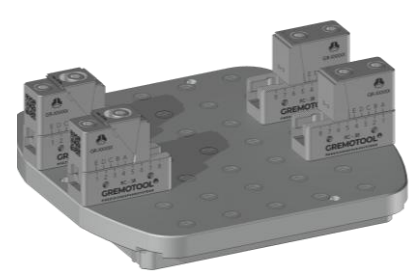
4x RC-38 with System 3R Dynafix Pallet



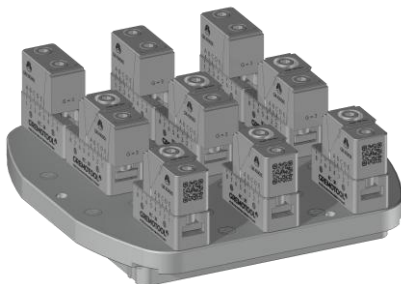
2x RC-38 with System 3R Dynafix Pallet



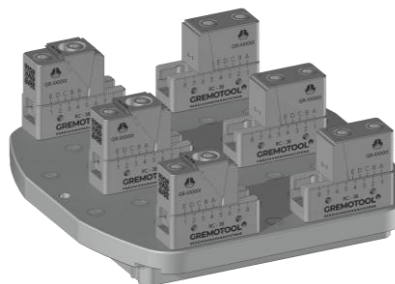
2x RC-38 facing outwards with System 3R Dynafix Pallet



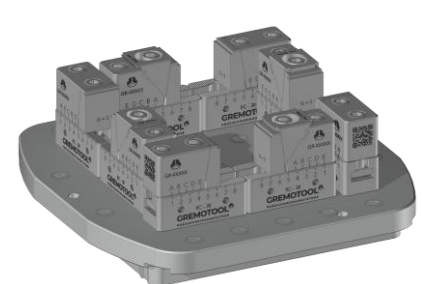
2x RC-38 with System 3R Dynafix Pallet



3x RC-38 with System 3R Dynafix Pallet



3x RC-38 with System 3R Dynafix Pallet



4x RC-38 with System 3R Dynafix Pallet

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Delphin with PMC/HMC

pneumatic /
hydraulic

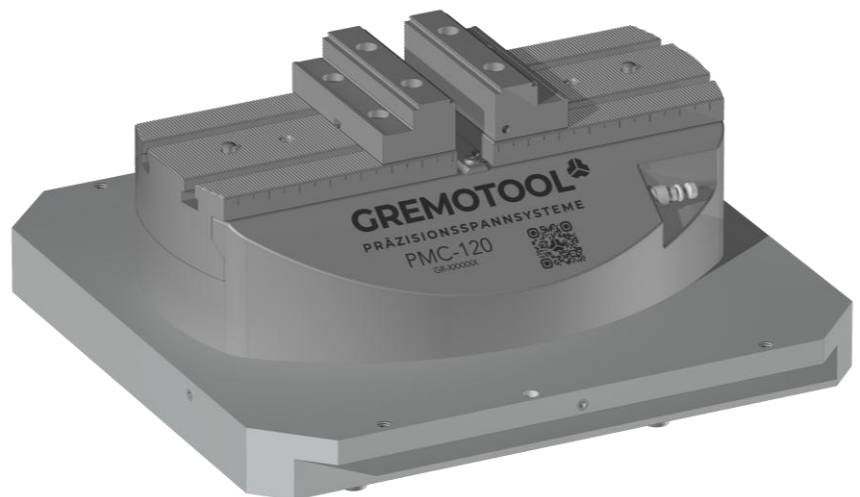
The PMC/HMC series is designed to fit the Delphin pallets of System 3R.

Pneumatically or hydraulically supplied from below through the pallet.

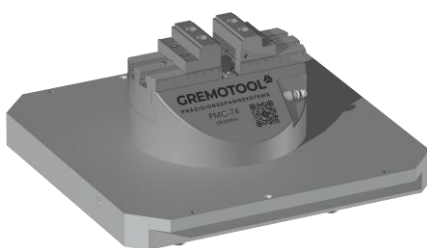
The clamping force of the PMC can be individually adjusted to the workpiece using the reducing valve.

The large range of jaws also offers suitable jaws for any application.

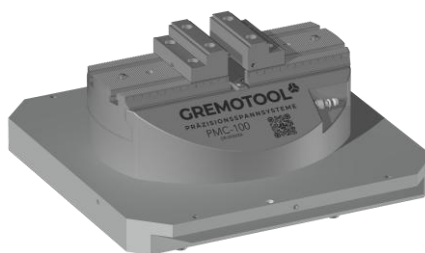
For the exact data of the PMC/HMC series, please get directly in touch with us or consult the PMC/HMC catalogue.



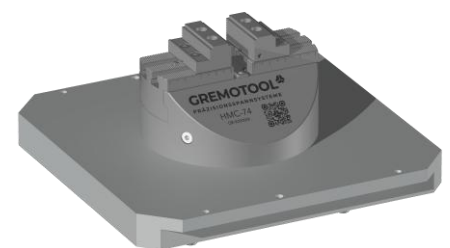
PMC-120 with System 3R Delphin 398 Pallet



**PMC-74 with System 3R
Delphin 398 Pallet**



**PMC-100 with System 3R
Delphin 398 Pallet**



**HMC-74 with System 3R
Delphin 398 Pallet**



**HMC-100 with System 3R
Delphin 398 Pallet**



**HMC-120 with System 3R
Delphin 398 Pallet**



**2x PMC-74 with System 3R
Delphin 448 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Delphin with SC

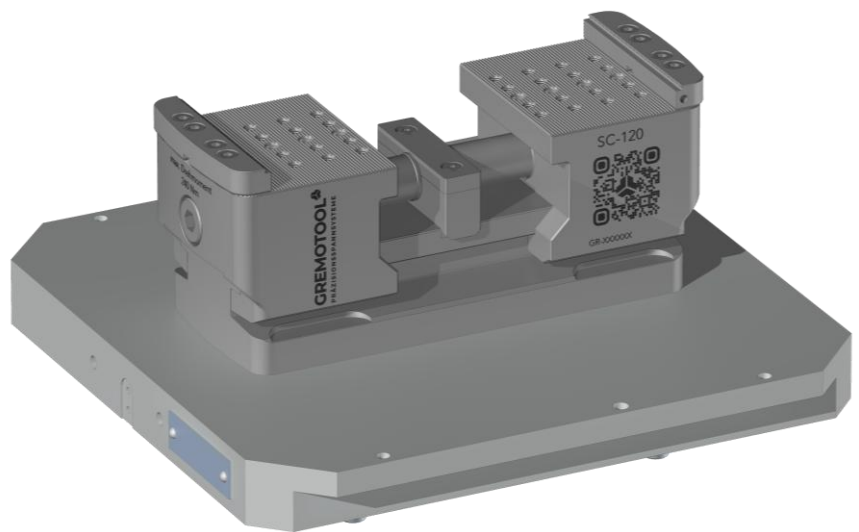
mechanical

The SC series can be mounted on the Delphin pallets from System 3R without any modifications.

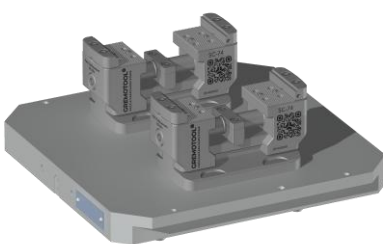
The height of the SC series enables optimum accessibility for 5-axis machining on workpieces.

The large range of jaws also offers suitable jaws for any application.

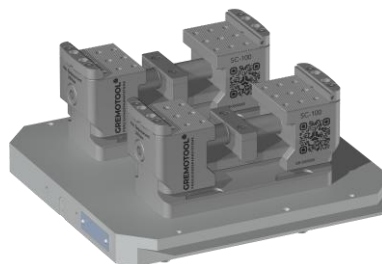
For the exact data of the SC series, please get directly in touch with us or consult the SC catalogue.



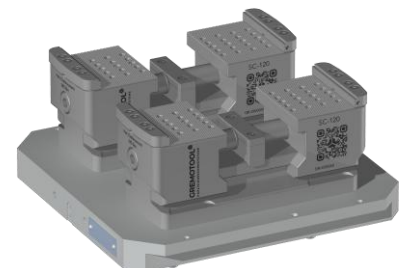
SC-120 with System 3R Delphin 398 Pallet



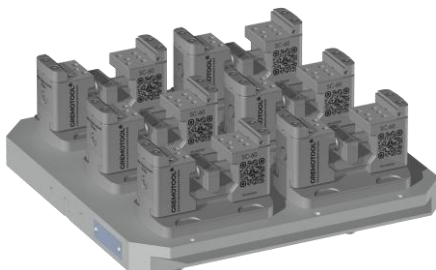
**2x SC-74 with System 3R
Delphin 398 Pallet**



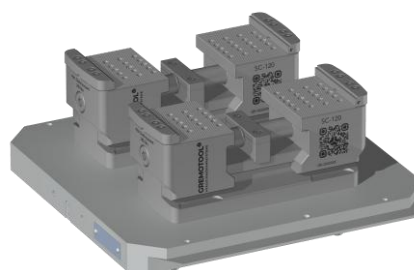
**2x SC-100 with System 3R
Delphin 398 Pallet**



**2x SC-120 with System 3R
Delphin 398 Pallet**



**6x SC-60 with System 3R
Delphin 448 Pallet**



**2x SC-120 with System 3R
Delphin 448 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

mechanical

Variant table

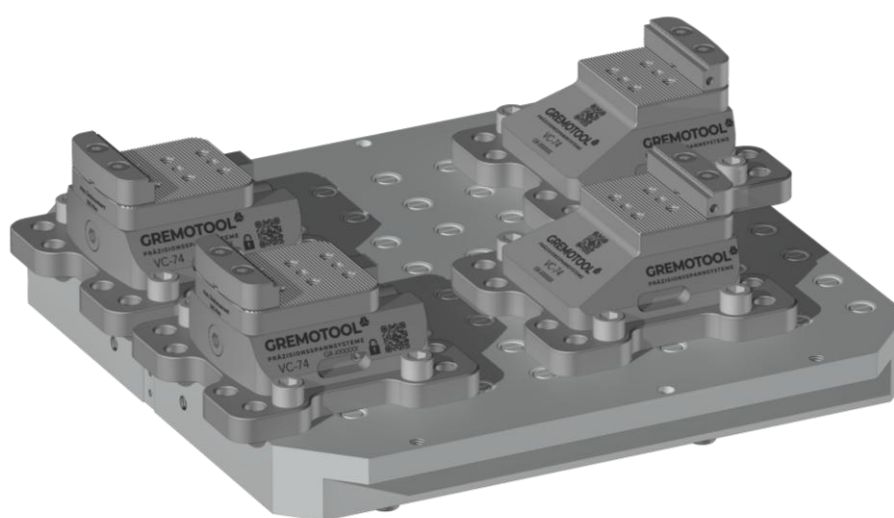
System 3R Delphin with VC

The VC series can be mounted on the bore hole grid panels and on the Delphin pallets from System 3R without modifications.

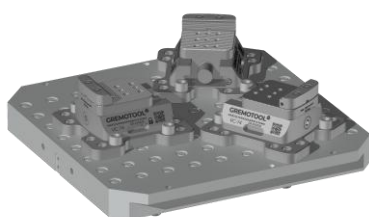
The modular design of the clamping system allows the clamping device to be customised to the respective application.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the VC series, please get directly in touch with us or consult the VC catalogue.



2x VC-74 with System 3R Delphin 398 Pallet



**3x VC-74 with System 3R
Delphin 398 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Delphin with LC

mechanical

The LC series can be mounted on the Delphin pallets from System 3R without any modifications.

Due to the closed design of the LC series, no chips remain on the clamping device.

The large range of jaws also offers suitable jaws for any application.

For the exact data of the LC series, please get directly in touch with us or consult the LC catalogue.



LC-120 with System 3R Delphin 398 Pallet



**LC-150 with System 3R
Delphin 398 Pallet**



**2x LC-74 with System 3R
Delphin 398 Pallet**



**2x LC-100 with System 3R
Delphin 398 Pallet**



**2x LC-120 with System 3R
Delphin 398 Pallet**



**2x LC-120 with System 3R
Delphin 448 Pallet**



**2x LC-150 with System 3R
Delphin 448 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Variant table

System 3R Delphin with RC

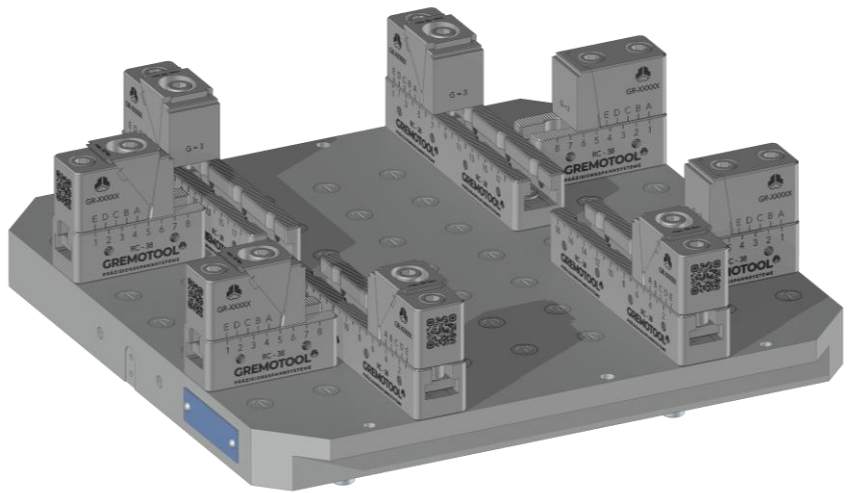
mechanical

The RC-series can be mounted on the pore hole grid panels and on the Delphin pallets form System 3R without modifications.

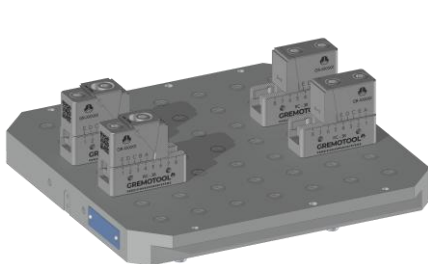
The modular design of the RC-series allows different clamping situations for the workpieces.

The quick-change jaw system offers a pull-down function and the right jaw for the workpieces.

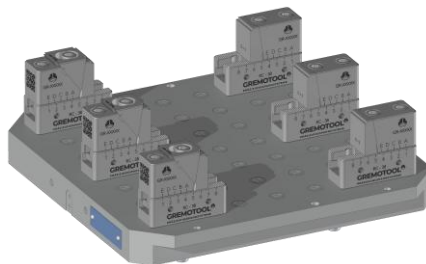
For the exact data of the RC series, please get directly in touch with us or consult the RC catalogue.



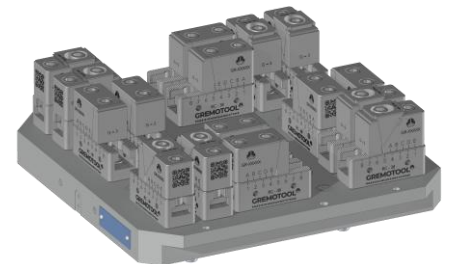
4x RC-38 with System 3R Delphin 448 Pallet



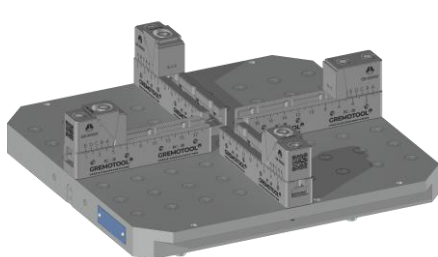
**2x RC-38 with System 3R
Delphin 398 Pallet**



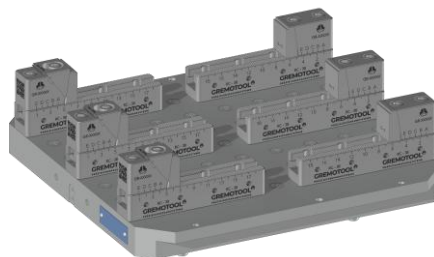
**3x RC-38 with System 3R
Delphin 398 Pallet**



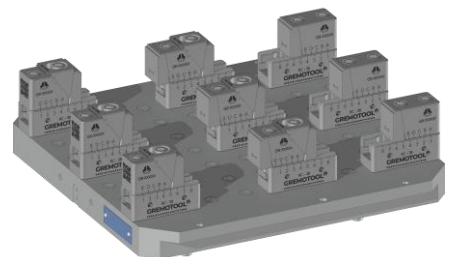
**8x RC-38 with System 3R
Delphin 398 Pallet**



**2x RC-38 with System 3R
Delphin 448 Pallet**



**3x RC-38 with System 3R
Delphin 448 Pallet**



**3x RC-38 with System 3R
Delphin 448 Pallet**

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Applications

Zero-point clamping systems

The System 3R centring elements can be attached directly to the clamping system to generate fewer interfaces.

If further requirements are placed on the clamping systems, these can be integrated into the pallet geometries. This frees up several millimetres of machining space without compromising the functionality or automation capability of the clamping devices.

Special dimensions are another way of optimising the space required for production.

For these suggested solutions, please get directly in touch with us.



2x LC-150k with System 3R Delphin 398 Pallet



**SC-50k with System 3R
Macro Pallet**



**LC-50 with integrated System 3R
GPS-120 Pallet automatable**

Further variants can be requested directly by Gremotool.

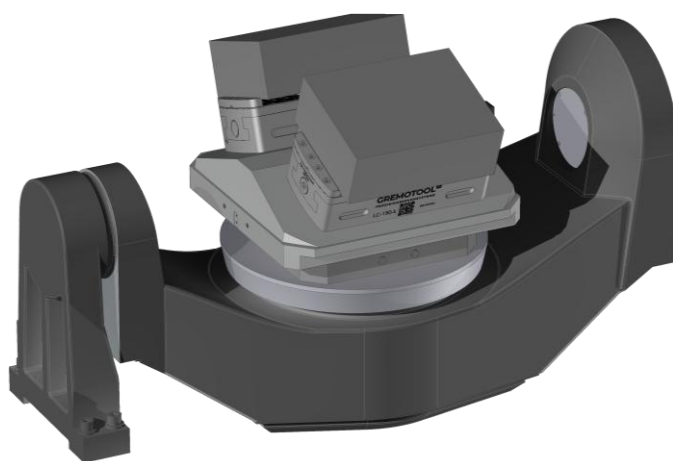
The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Applications

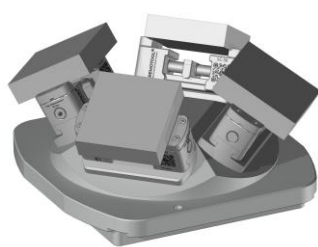
Gremotool Fixture

Today's cost-effective production requires flexible solutions for maximum efficiency. We can contribute to maximum utilisation of the processing machine with towers, prisms, or pyramids.

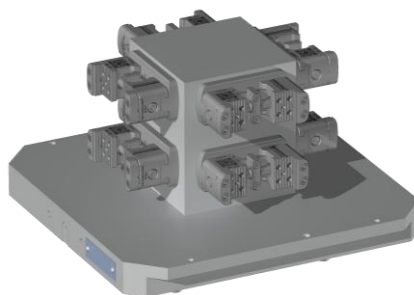
For suggested solutions in multiple clamping, please get directly in touch with us.



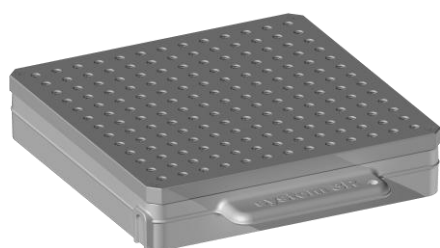
2x LC-150k with prism on System 3R Delphin 398 Pallet



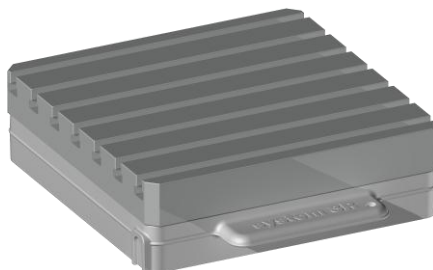
4x SC-50 with Pyramid on System 3R Dynafix Pallet



8x SC-40 with Tower on System 3R Delphin 398 Pallet



M8 hole pattern plate with System 3R Dynafix Pallet



T-slot plate with System 3R Dynafix Pallet



Tower with Delphin Short zero-point chuck

Further variants can be requested directly by Gremotool.

The shown products and option combinations are examples.
The rights by the respective products are the property of System 3R and/or Gremotool.

Accessories

Gremotool range of jaws

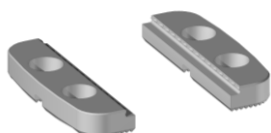
Each clamping system is supplied with a pair of gripper jaws allowing to clamp unmachined parts at no additional costs.

Jaw width [mm]		34	40	50	60	74	100	120	150
SC-LC Gripper jaw low	Nr. 837110			X	X	X	X	X	
Standard SC-LC Gripper jaw	Nr. 837150			X	X	X	X	X	
Standard PMC-HMC Gripper jaw	Nr. 837250			X	X	X	X	X	
Gripper jaw high	Nr. 837300			X	X	X	X	X	
Combi gripper jaw	Nr. 837350			X	X	X	X	X	
Gripper jaw high one sided	Nr. 837380			X	X	X	X	X	
Step jaw high one sided deep	Nr. 837400			X	X	X	X	X	
Step jaw low	Nr. 837410			X	X	X	X	X	
Step jaw	Nr. 837450			X	X	X	X	X	
Step jaw high one sided	Nr. 837480			X	X	X	X	X	
Prism jaw	Nr. 837500			X	X	X	X	X	
Soft jaw aluminium	Nr. 837702			X	X	X	X	X	
Soft jaw steel	Nr. 837703			X	X	X	X	X	

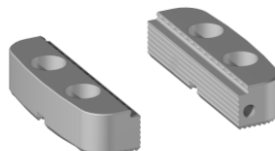
For the exact data of the jaws, please consult the jaw catalogue.

Accessories

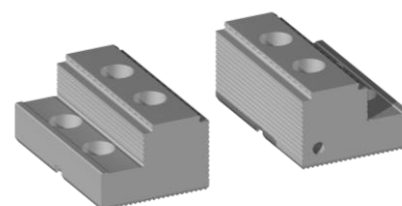
Gremotool range of jaws



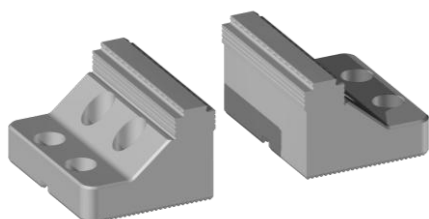
SC-LC Gripper jaw low
Nr. 837110-BXX



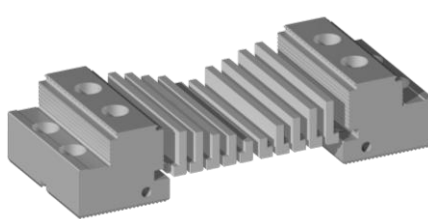
Standard SC-LC Gripper jaw
Nr. 837150-BXX



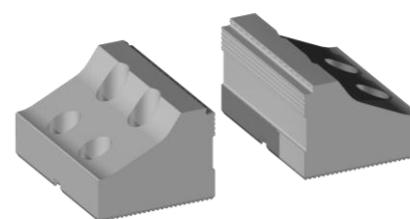
Standard PMC-HMC Gripper jaw
Nr. 837250-BXX



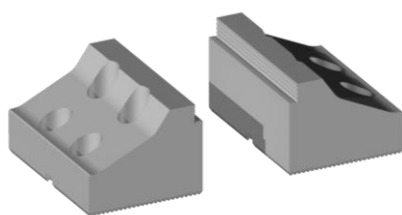
Gripper jaw high
Nr. 837300-BXX



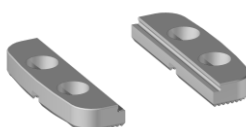
Combi gripper jaw
Nr. 837350-BXX



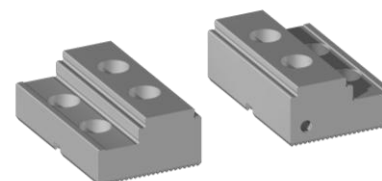
Gripper jaw high one-sided
Nr. 837380-BXX



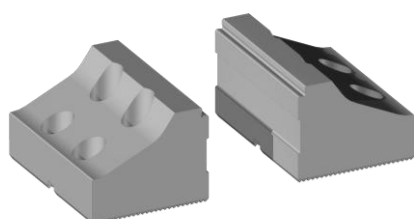
Step jaw high one sided deep
Nr. 837400-BXX



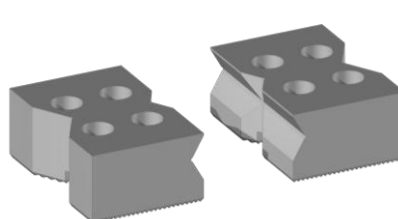
Step jaw low
Nr. 837410-BXX



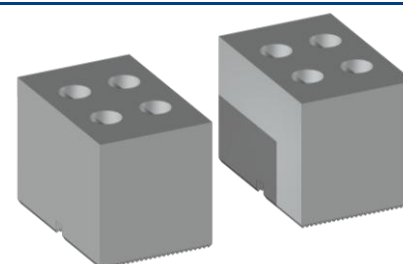
Step jaw
Nr. 837450-BXX



Step jaw high one-sided
Nr. 837480-BXX



Prism jaw
Nr. 837500-BXX



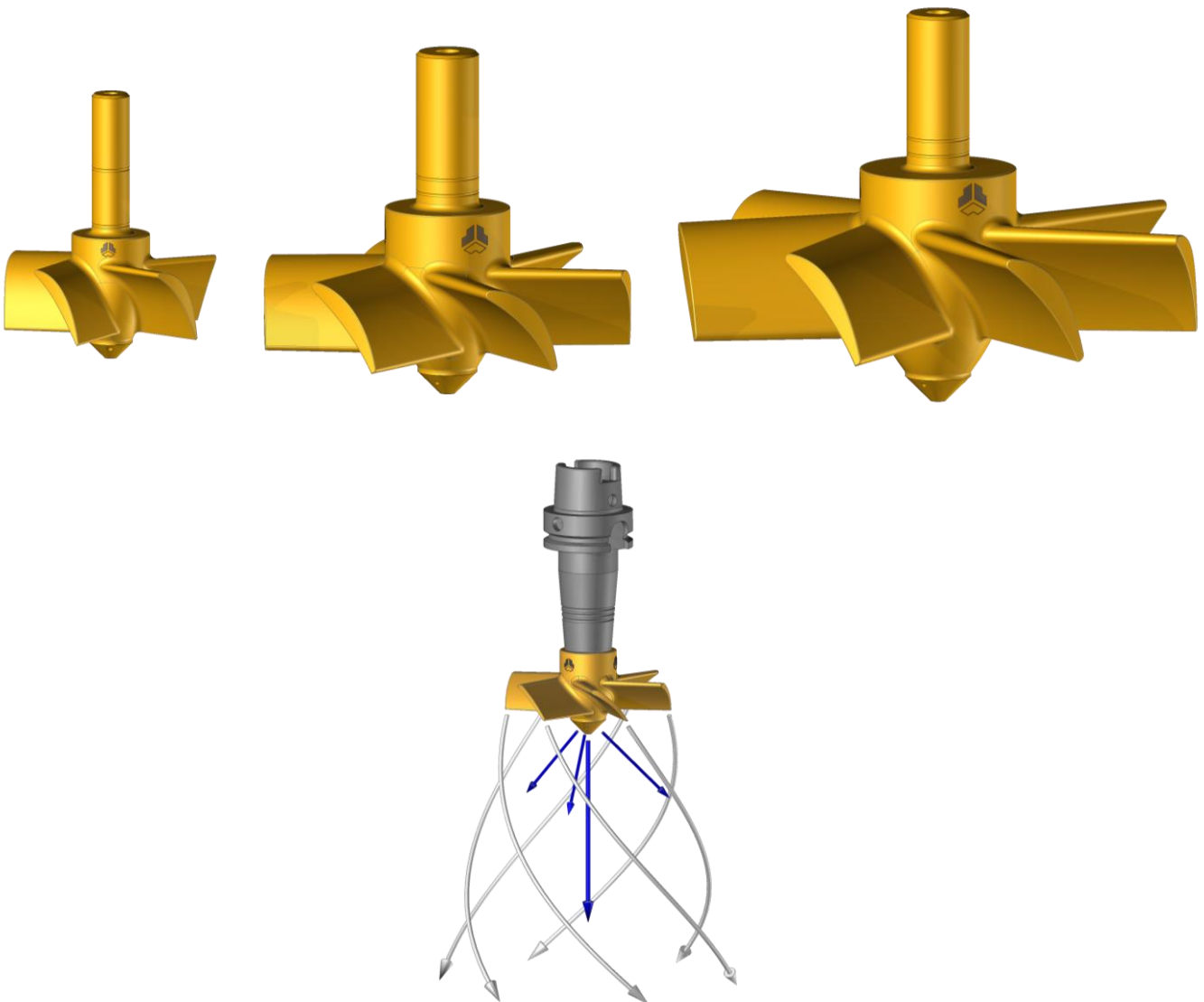
Soft jaw aluminium / steel
Nr. 837702-BXX / 837703-BXX

Accessories

Gremotool TCF

Gremotool Turbo Chip Fan ø68, ø117 and ø166

With the Turbo Chip Fan from Gremotool, the machining centre can automatically remove residues of chips and cooling lubricants from the workpiece, the clamping device and the machining table after the manufacturing process. This allows the operator, whether human or robot, to remove a cleaned workpiece from the machining area of the machine tool without having to wash it down beforehand with an air or water jet. When using robots, this cleaning of chips is essential, as the chips have a negative impact on process stability. The risk of chips becoming jammed during reloading is significantly reduced.



Accessories

Gremotool CLT-filter system

Gremotool Cooling Liquid Treatment (CLT):

- Can be easily integrated into existing cooling lubricant systems
- Optimal addition to belt filters and magnetic separators
- Filtration of steel, cast iron, graphite, aluminium, copper, brass, tool abrasion and grinding dust
- Improves surface quality in metalworking
- Extends the service life of machining tools and cooling lubricants
- Oil and sludge absorbing filter unit
- Reduces wear on system components (valves, nozzles, pumps, rotary joints)
- No external power supply
- Extremely easy to operate and maintain
- Reduces your operating and disposal costs



Regulations

MR 2023/1230 – MD 2006/42/EC

Operating instructions:

Detailed instructions are essential for the correct operation, maintenance and troubleshooting of the system. They must contain all safety-related information. Operating instructions will be available for the individual components. However, the system itself, i.e. the interaction of the individual components used, must be evaluated in a system operating manual.

CE Declaration of Incorporation:

The CE marking confirms that the system complies with European safety and health requirements. This declaration is particularly important for machines in the EU.

Risk and safety assessment:

Before commissioning, a comprehensive analysis must be carried out to identify potential hazards and define appropriate protective measures.

Software update:

Regular updates ensure optimal performance and security improvements. They may include new features and bug fixes.

Cyber security:

In networked systems, data and access must be protected to prevent attacks, manipulation or unauthorised access.

Remote maintenance:

Modern systems often offer remote monitoring and maintenance capabilities, which can reduce down-time and lower maintenance costs.





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