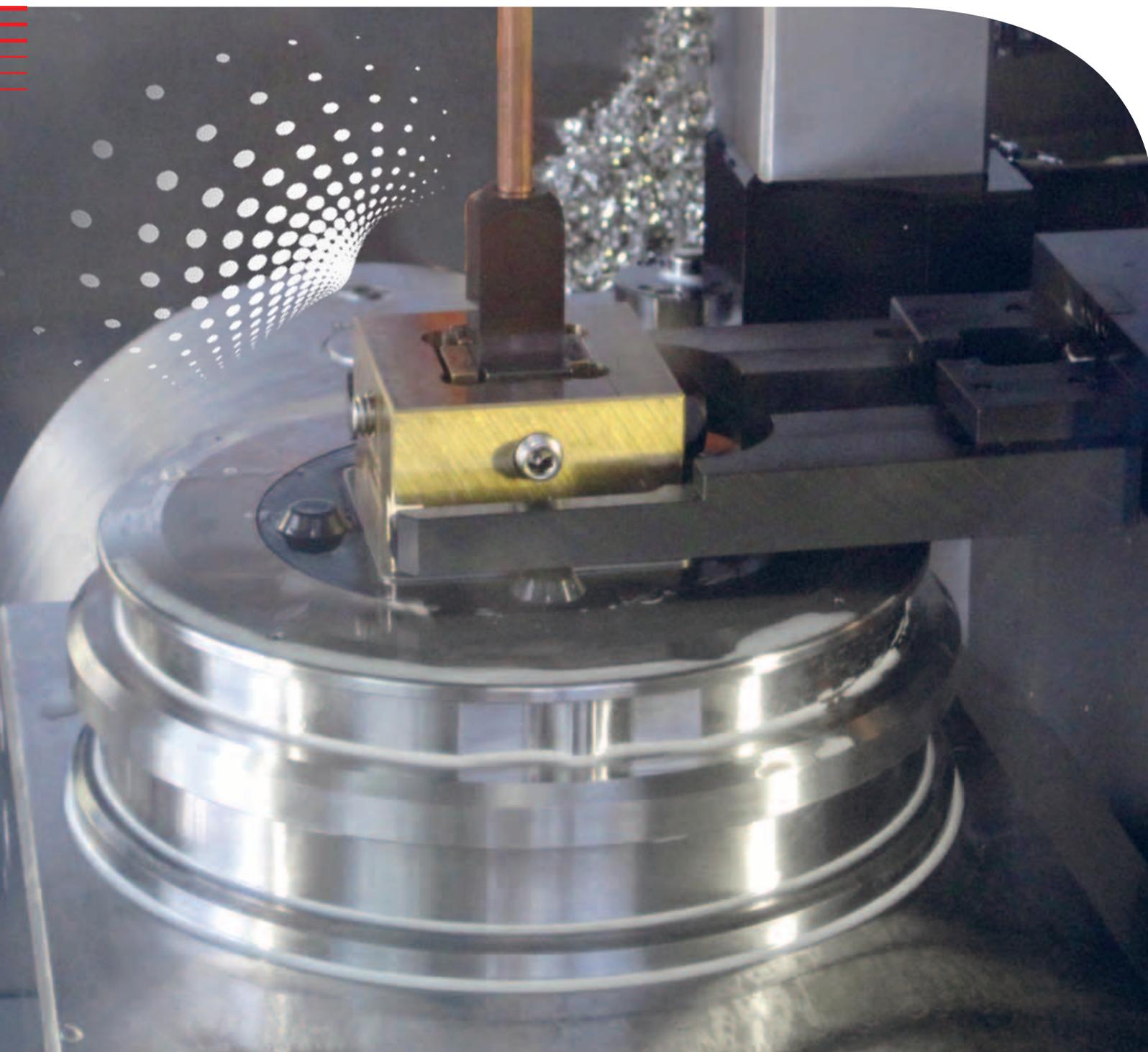




Completely tight

ITS 50 Holder, sealed,
also for automatic operation

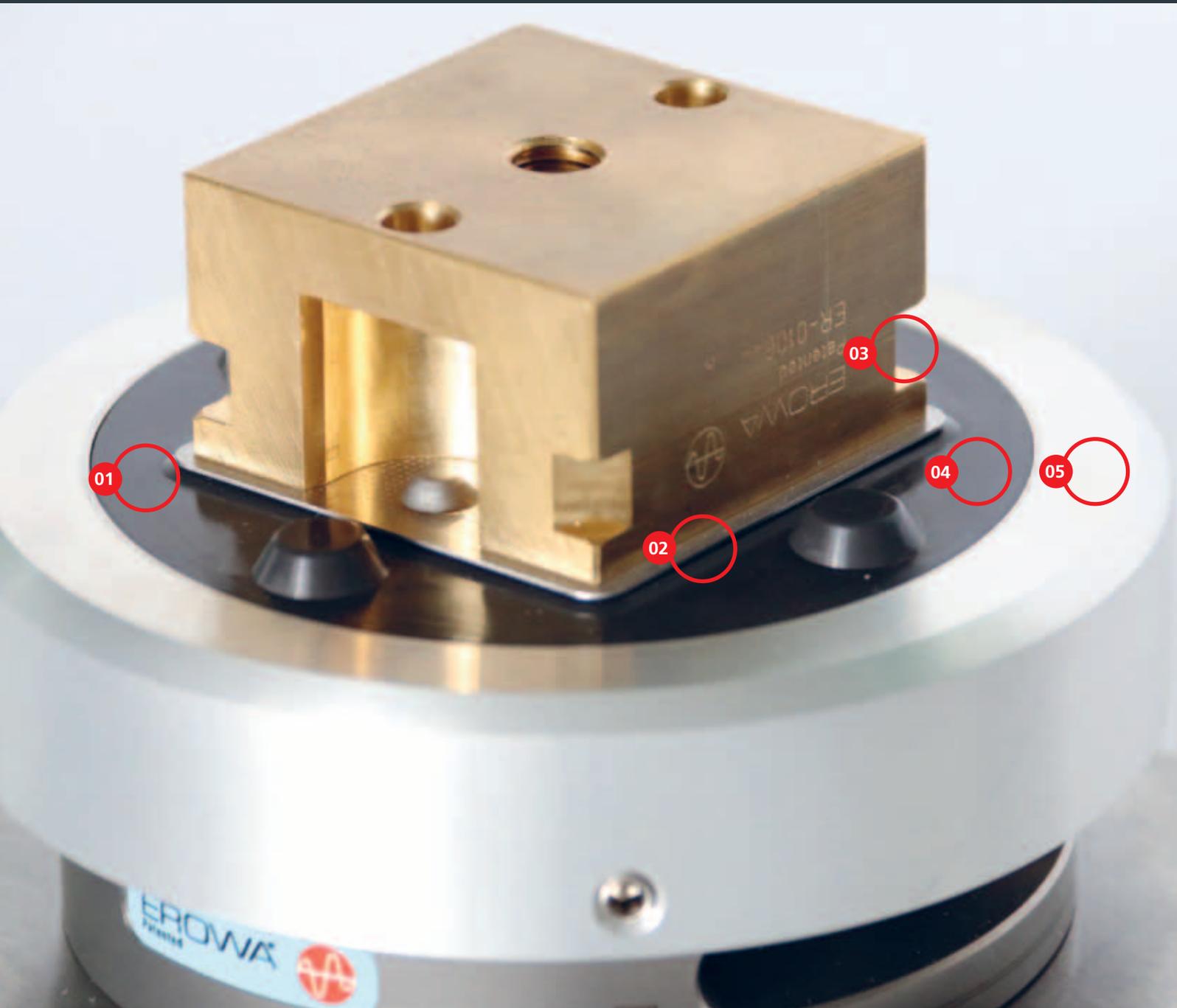


Ingeniously simple

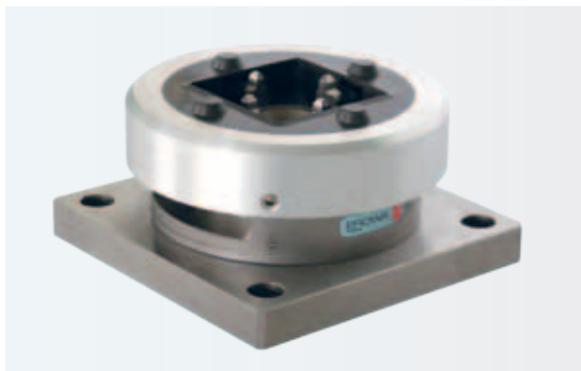
A simple sealing plate under the 50 Holders fulfils an old wish: ITS chucks are completely sealed.

These holders have a simple gripper slot on the periphery. The corresponding gripper fits all established EROWA Robots.

Existing ITS 50 holders can be retrofitted and put to continued use.



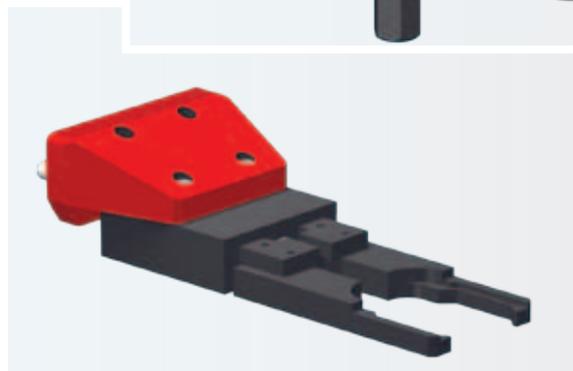
Purchasing or retrofitting



Place the sealing ring over the chuck on the machine table. There are seals for all EROWA chucks.



Purchase or retrofit the ITS 50 Holder.



Insert ITS 50 Gripper C on the Robot.



Start manufacturing.

01 | Flexible sealing lip
Seals under initial tension.

02 | Sealing plate
Ingeniously simple supplementary plate.

03 | Gripper slot
For the new ITS 50 C Gripper.

04 | Plastic insert
Oil-resistant plastic.

05 | ITS 100 sealing ring
Fixing device for EROWA chucks.

FACTS

More functions - same price

Patented

High degree of process reliability

Simple retrofit

Complete range

EROWA ITS

Holder C components

There is an alternative to all previous EROWA ITS 50 products: the ITS 50 C version, which is also fully sealed. All the accessories are listed in the following pages.

It is perfectly possible to convert the products yourself; the retrofit from ITS 50 to ITS 50 C is described with the help of an example on the last few pages of this flyer.

ER-094180 Centering plate 50 C
50 pieces

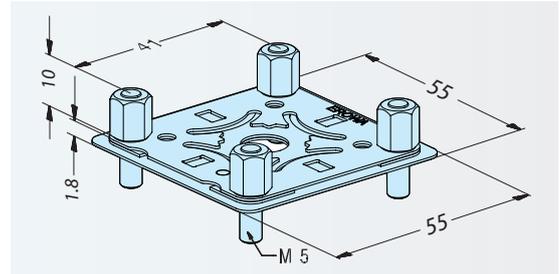
ER-094181 Centering plate 50 C
5 pieces



Version Corrosion-resistant, including sealing plate and 4 supporting feet each.

Application Small electrode weights.

Mounting Mounted directly on plane surface of blank.



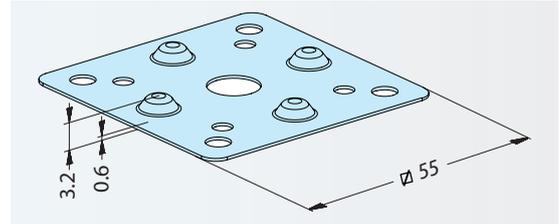
ER-095124 Sealing plate 50 C
50 pieces

ER-095125 Sealing plate 50 C
5 pieces



Version Sealing plate, stainless.

Application For retrofitting existing ITS 50 holders



ER-093758 Uniblack C EWIS™
12 pieces

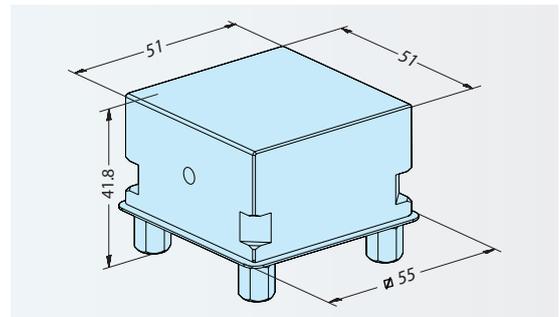


Version Set of 12 units, fitted without machining of body. With gripper slot and sealing plate.

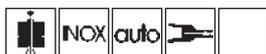
Application To mount electrodes and workpieces of various shapes.

Mounting As required.

Note Order EWIS™ chip, ER-094168 separately.



ER-093765 Priround C EWIS™
12 pieces

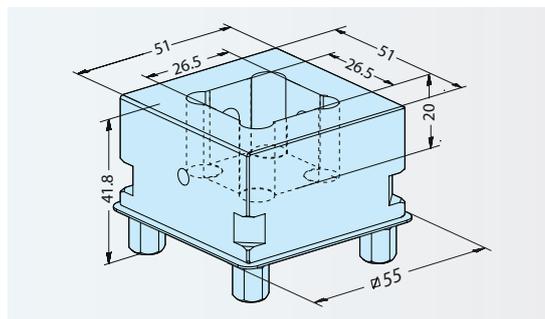


Version Set of 12 units, with gripper slot and sealing plate. Prepared for receiving the code carrier.

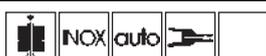
Application To mount blank parts with shaft size up to 25 mm

Mounting Fit into recess and tighten bolts. If necessary center part with insert plates ER-010523.

Note Order EWIS™, ER-094168 separately!



ER-093774 Uniholder C EWIS™
12 pieces

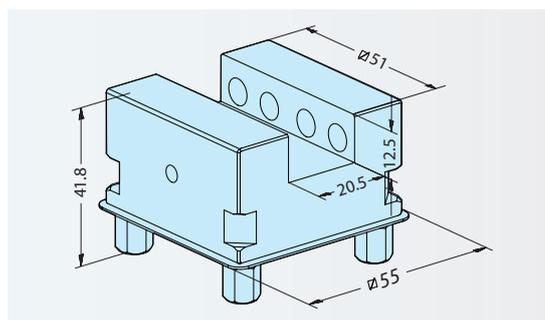


Version Set of 12 units, including 2 setscrews for each unit. With gripper slot and sealing plate.

Application To mount electrodes and workpieces with a base surface of up to 20 mm.

Mounting Insert and tighten setscrews. If necessary, center with spacer plate ER-010532.

Note Order EWIS™ chip, ER-094168 separately!



ER-093780 Uniplate C EWIS™
12 pieces

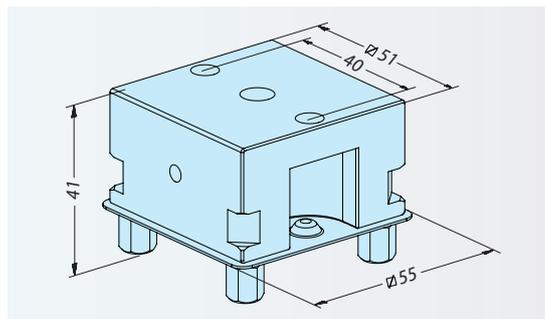


Version Set of 12 units, surface 51 x 51 mm faced, including 2 x M6 bolts for each unit. With gripper slot and sealing plate.

Application To mount electrodes and workpieces with a base surface of more than 50 mm.

To fit blank With 2 x M6 bolts into the base surface.

Note Order EWIS™ chip, ER-094168 separately.

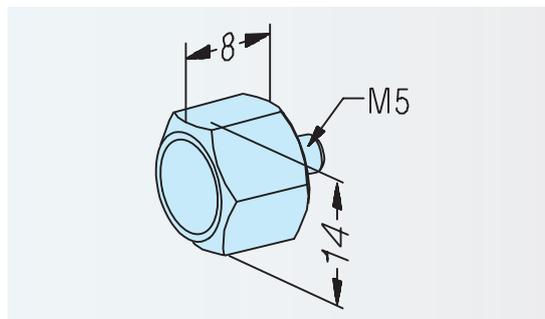


ER-094168 EWIS™ rapid chip with chip holder SW14
for holder C



Version Sleeve fitting with built-in data carrier.

Application In any EROWA electrode holder and pallet which has been prepared for it.

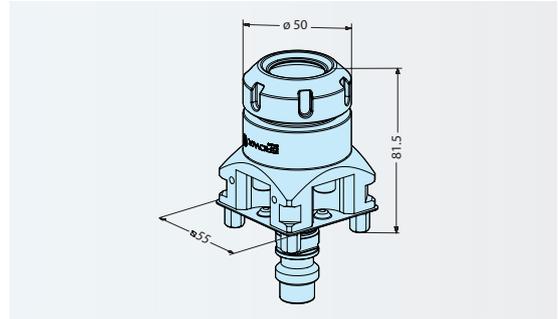


EROWA ITS Holder C components

ER-093999 Collet chuck holder 50 C



Version System size 50,
incl. wrench.
Application For round material up to $\varnothing 20$ mm.

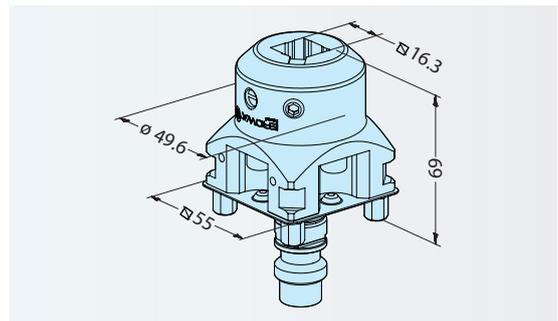


ER-093996 Square 15 holder C 1 pieces

ER-093997 Square 15 holder C 12 pieces



Version ITS system size 50.
Application EDM/WEDM.

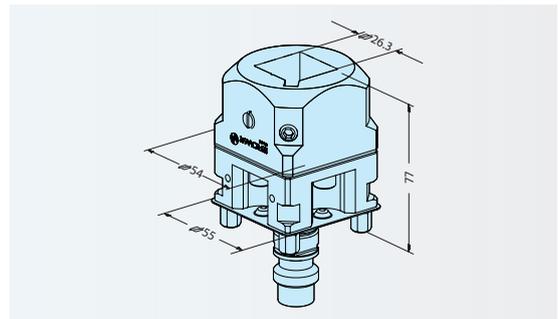


ER-093992 Square 25 holder C 1 pieces

ER-093993 Square 25 holder C 12 pieces



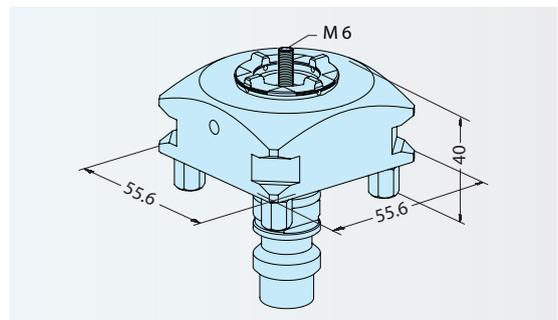
Version ITS system size 50.
Application EDM/WEDM.



ER-094046 Compact ITS adapter C



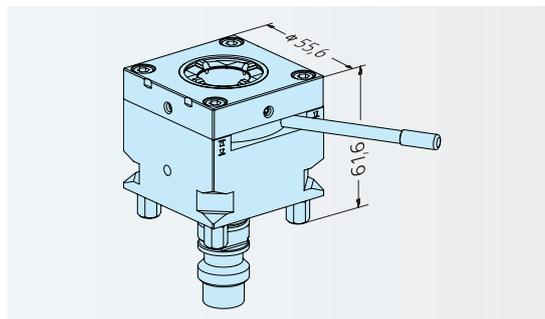
Version ITS system size 50, lock with central locking bolt. Prepared to accommodate chip holder for EWIS chip.
Operation Tighten central locking bolt.
Application System adapter Compact - ITS.



ER-094063 Compact ITS adapter chuck C



Version ITS system size 50 C, QuickChuck action for Compact holders.
 Operation Quick locking mechanism with lever.
 Application Individual Compact chuck for machines which are equipped with standard ITS. System adapter Compact - ITS.

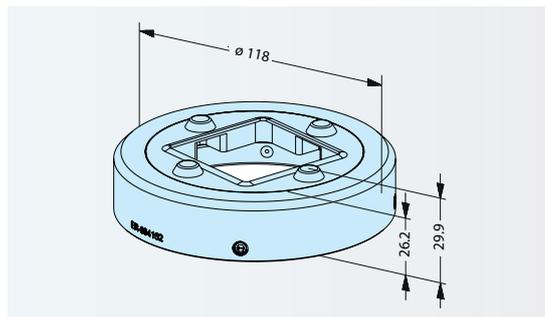


ER-094152 Sealing ring ITS50 C for ITS100 P

ER-094158 Sealing ring ITS50 C for ITS 100 P automatic



Version Aluminium anodized.
 Application Prevents penetration of chips and dirt into the ITS chuck 100 P by application of EROWA electrode holders C.

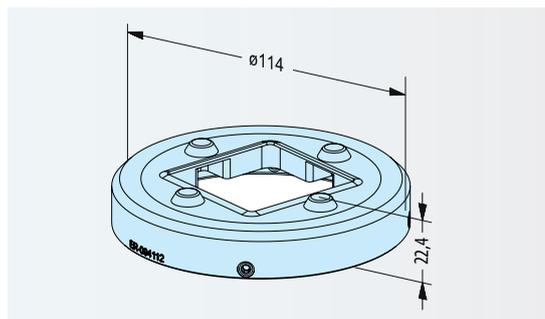


ER-094112 Sealing ring ITS50 C for SSF manual

ER-094143 Sealing ring ITS50 C for SSF automatic



Version Aluminium anodized.
 Application Prevents penetration of chips and dirt into the rapid action chuck by application of EROWA electrode holders C.

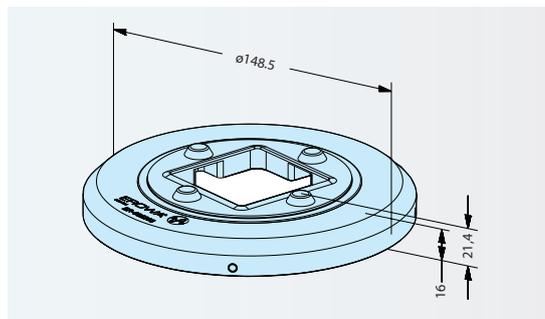


ER-092203 Sealing ring ITS50 C for PowerChuck P manual

ER-092201 Sealing ring ITS50 C for PowerChuck P automatic



Version Rust-resistant steel
 Application Prevents penetration of chips and dirt into the Power-Chuck P during machining with EROWA electrode holders C.



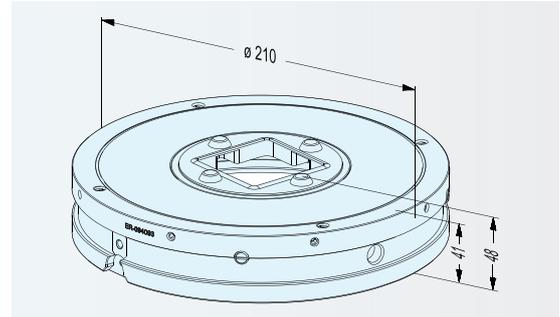
EROWA ITS

Holder C components

ER-094093 Sealing ring ITS50 C for PC210



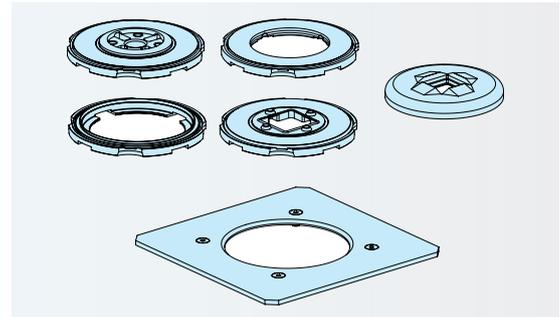
Version Aluminium anodized.
 Application Prevents penetration of chips and dirt into the ProductionChuck 210 Combi by application of EROWA electrode holders C. For automatic handling with gripper RN PC 210 (option).



ER-094178 Cover set for UPC / ITS 50C



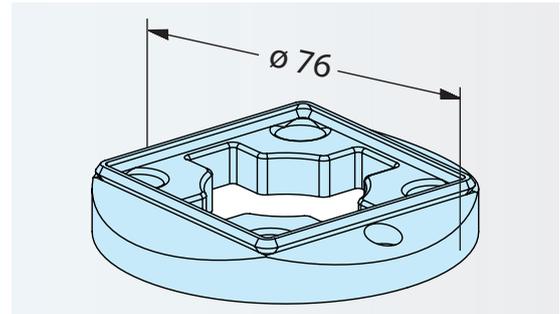
Version Aluminum with inserts, to protect UPC chuck when used with holder Ø72, pallet Ø115, pallet Ø148, electrode holders ITS 50 C.



ER-094955 Sealing ring ITS50 C for Chuck 50



Version Plastic.
 Application Prevents penetration of chips and dirt into the ITS Chuck 50 with application of EROWA HoldersITS50 C.





Appreciation

Sustainability also pays off in economic terms. Existing ITS 50 Holders can very easily be retrofitted into the „sealed“ version. A few details have to be observed in this respect.



Check the general condition of the electrode holders for damage on the chuck body (thread, contact surfaces for blanks), the supporting feet and the centering plates (worn-out punch holes).



Divide the holders to be retrofitted into two groups:

- a) to be fitted with the sealing plate only
- b) entire centering plate to be replaced



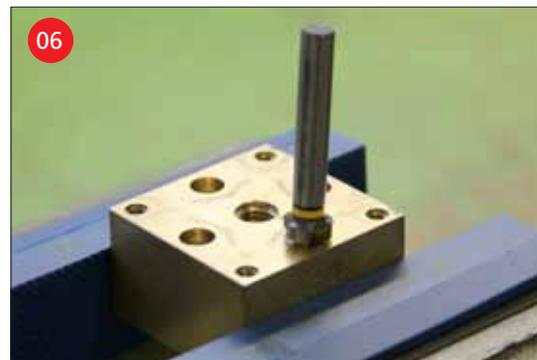
Purchase a sufficient number of ER-095124 sealing plates for category a).



Order number of ER-094180 centering plate sets for category b).



Detach the centering plates from the holders by removing the supporting feet (SW8). Clean the parts that will be put to continued use.



Countersink the $\varnothing 8.5$ mm boreholes to $\varnothing 9$ mm x 90° .



Fit the sealing plate (with new or existing centering plates and supporting feet) to the existing holder.



CAUTION: it is imperative that the supporting feet be tightened with a torque wrench (e.g. ER-011600). Torque: 8 Nm.



Make sure that the supporting feet are level.



If you use the holder manually on milling machines, you have already done everything that is required.



If the retrofitted ITS 50 Holders C are loaded by means of a Robot, then the gripper slot must now be reworked.



If EWIS™ Chips are used for automatic holder identification, then the thread must be fitted to the reference side (chip ER-094168).



Retrofitted EROWA ITS 50 Standard Holders.

The next step

Important things need to be planned. And your next step is certainly among the important things. For it is your start into a new, efficient era. We are pleased to be with you on the way. As consultants, in practice. For you to know at all times what you're engaging in. The next EROWA branch office is not far – **take the step.**



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