

ETP HYDRO-GRIP COMPACT



OPERATING MANUAL

Description

The short design of 75 mm makes ETP HYDRO-GRIP COMPACT your ideal replacement for any ER collet holder. Allowing more and more users to fully benefit from all the positives of hydraulic clamping such as easy handling and decreased tool wear.

ETP HYDRO-GRIP has a very compact and robust design. Tools changes are made quickly, easily and with a high level of precision. The high clamping force guarantees a secure clamping of your cutting tools. With a minimum tool runout a good surface finish is achieved along with an extended tool life. ETP HYDRO-GRIP COMPACT can be used with reduction sleeves for maximum flexibility.

Benefits and features

- Short overhang
- High clamping force
- Easy handling
- Can be used with reduction sleeves

Information

- Runout accuracy ≤ 0.004 mm at $2.5 \times d1$ (max. 50 mm), ≤ 0.00016 inch at $2.5 \times d1$ (max. 1.969 inch)

- Tool shank h6 or h7 can be used.

- Center thread, M8x1.25.

Axial length adjustment screw
- included in shipment.

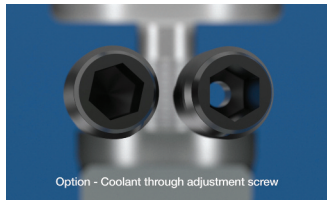
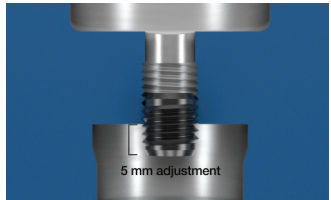
Max. adjustment 5 mm

Part no: S502

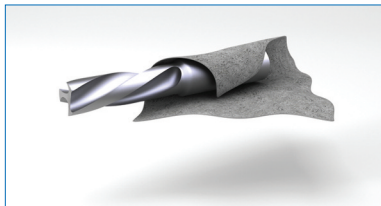
- Coolant through on all holders
Axial length adjustment screw with coolant hole - Available as accessory.
Max. adjustment 5 mm.

To be ordered separately:

Part no: S-7471



Assembly instructions



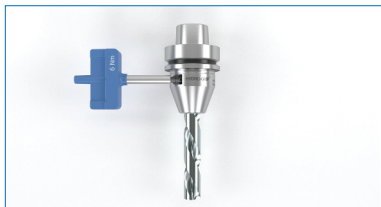
1

The tool and holder must be thoroughly cleaned, removing all traces of grease and other impurities.



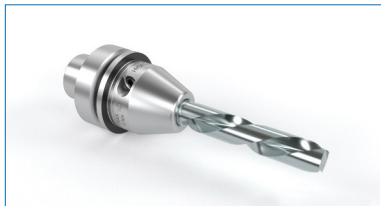
2

Place the tool in the holder.



3

Mount the tool by tightening the pressure screw to the recommended tightening torque, marked on the holder. Use a fixed torque wrench.



4

The holder and tool unit is now ready to be installed on the machine.



Handling

ETP HYDRO-GRIP are high precision toolholders and should be handled with care for optimal performance

- Before inserting tool, check for damages on tool and holder.
- Tools should be of correct dimension and tolerance (h6 or h7), and cleaned.
- Do not use force to insert tool, it should easily slide in position.
- All HYDRO-GRIP holders can be used with reduction sleeves when needed.
- Mount the tool by tightening the pressure screw to the recommended tightening torque, marked on the holder. Use a fixed torque wrench.
- When stored lubricate the holder with a thin oil for corrosion resistance.
- Do not use HYDRO-GRIP at working temperatures above 85 degrees C / 185 degrees F.

(This may increase the pressure in the holder and influence it negatively).



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