ETP HYDRO-GRIP® S
Grinding holder

We are happy to introduce our newest addition to the range of high quality hydraulic toolholders – HYDRO-GRIP Grinding holders. With the combination of extreme high precision and easy handling and tool change a massive improvement in productivity can be reached. Quicker set-up times and improved repeat accuracy during sharpening of tools will save you time and money. The possibility to use reduction sleeves in the hydraulic holder also increases your flexibility.

BENEFITS & FEATURES
• High run-out accuracy ≤ 0,004 mm.
• Easy handling and tool change.
• High clamping force.
• Vibration dampening.
• Flexibility in clamping range – use of reduction sleeves possible.

EASY MOUNTING WITH TORQUE WRENCH
HIGH RUNOUT ACCURACY
VIBRATION DAMPING
FAST SET-UP TIME
ETP HYDRO-GRIP® S
ISO Form AD - 7388-1

Metric range

<table>
<thead>
<tr>
<th>Taper</th>
<th>Part no.</th>
<th>Item description</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>D4</th>
<th>L1</th>
<th>L2</th>
<th>L3</th>
<th>L4</th>
<th>depth</th>
<th>G</th>
<th>X</th>
<th>T’min Nm</th>
<th>Weight kg</th>
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<td>43.5</td>
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<td>90.9</td>
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<td>23.6</td>
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<td>M8x1</td>
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Inch range

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<th>D2</th>
<th>D3</th>
<th>D4</th>
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<th>L2</th>
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<th>depth</th>
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<th>X</th>
<th>T’min ft lb</th>
<th>Weight kg</th>
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From stock

*) T’min = Minimum transmittable torque using a hi cylindrical tool, full depth insert.
L1 = programming length

Information:
- Runout accuracy ±0.004 mm at 2.5 x D1 (max. 50 mm)
- ±0.00016 inch at 2.5x D1 (max. 1.969 inch)
- Tool shank h4 or h7 can be used
- Coolant through all holders
- Bore for data carrier

Accessories:
Use preset Torque Wrench, 6 Nm, to ensure correct mounting of tools. Part no. 19050

ETP HYDRO-GRIP S can be used with reduction sleeves. For additional information contact ETP.