Cam Type Grippers

Series 84L3-2 Product Overview

Application:
Gripping, Holding, Placing, Removing and Transporting of metal sheets and other parts, mainly in jigs, press-automation and handling systems.

Features:
- Compact modular design
- Fast opening and closing action
- Mounting lateral and rear possible
- High clamping force
- Interchangeable in mounting dimensions with 84A3-3
- Add-on component and end position sensing available

Major spare parts

<table>
<thead>
<tr>
<th>Specification</th>
<th>Order no. for 84A2-1</th>
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<tbody>
<tr>
<td>Cylinder</td>
<td>8PW-107-1</td>
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<tr>
<td>Seal kit</td>
<td>8PW-107-1-00</td>
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Order no. Example: 84L3-21 A8 0 AC AC

Gripper jaw, top: Gripper teeth, Gripper points, Crown teeth – Dimensions see page 17.52, 17.53, 17.54 and 17.55
Gripper jaw, bottom: Gripper teeth, Gripper points, Crown teeth – Dimensions see page 17.52, 17.53, 17.54 and 17.55
Adapters / Limit stops – Dimensions see page 17.55, 17.56 and 17.57
Sensing systems – Dimensions see page 17.58

www.destaco.com Dimensions and technical information are subject to change without notice
Cam Type Grippers

Series 84L3-2 Technical Information

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<tbody>
<tr>
<td>84L3-21...</td>
<td>135 [30]</td>
<td>32 [1.26]</td>
<td>0.3 [0.01]</td>
<td>0.8 [1.76]</td>
<td>0.2</td>
<td>0.2</td>
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Note:
Addition of gripper teeth height and thickness of the clamped plate must be 24.8 mm. It might be necessary to use slim plates or grind the gripper teeth.

Note:
Any extension of the movable, or the fixed gripper jaws as well as the additional attachment of weights will repeal the guarantee.

Medium air, max. 6 bar. Operation with oil-free air is permissible.

Center the cyl-air connection about 4 x 90° possible.
## Cam Type Grippers

### Series 84L3-2 Technical Information

![84L3-240000000](image)

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**Note:**

- Additional gripping force height and thickness of the clamped plate must be 24.8 mm. It might be necessary to use shim plates or grind the gripping teeth.

**Note:**

- Any extension of movable or the fixed gripper jaws as well as the additional attachment of weights will repeal the guarantee.

**Note:**

- Medium air, max. 6 bar. Operation with oil-free air is permissible.

**Note:**

- Center the cyl-air connection about 4x 90° possible.
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<td>0,75 [1.65]</td>
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<td>0,2</td>
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</tbody>
</table>

Note: Addition of gripper teeth height and thickness of the clamped plate must be 3,8 mm. It might be necessary to use shim plates or grind the gripper teeth.

Note: Any extension of the movable, on the fixed gripper jaws as well as the additional attachment of weights will repeal the guarantee.

Medium air, max. 6 bar. Operation with oil-free air is permissible.

Center the cyl.-air connection about 4 x 90° possible.

Dimensions and technical information are subject to change without notice.

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