HydroPneumatic Tool for hexagonal Hole Production
74290 Model

Features
• Capability of producing hexagonal holes where access is only possible from one side
• Suitable for light alloys, steel and stainless steel
• Heavy duty plastic body
• Lightweight and ergonomically designed
• One-step trigger
• Can be suspended or hand-held

Benefits
• Allows use of hexagonal inserts in blind sided applications
• Quick and simple operation
• Increased productivity

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Weight</td>
<td>4.9 lbs (2.2 kg)</td>
</tr>
<tr>
<td>Pull Force</td>
<td>5,290 lbf (23.5 kN)</td>
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<tr>
<td>Stroke</td>
<td>.256 in (6.5 mm)</td>
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<tr>
<td>Cycle Time</td>
<td>2.5 sec</td>
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<tr>
<td>Air Supply Pressure</td>
<td>5 – 7 bar</td>
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<tr>
<td>Free Air Volume</td>
<td>7.5 litres</td>
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<tr>
<td>Noise Level</td>
<td>&lt;80 dB(A)</td>
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Capacity
Transforms round holes into hexagonal holes for use of Hexsert® threaded inserts M4 - M10.
Thickness range of workpiece (respective punch equipment has to be ordered separately):
- Aluminium: M4, M10: 0.5 - 2.5 mm
  M5 - M8: 0.5 - 4.5 mm
- Steel: M4: 0.5 - 1.5 mm
  M5 - M10: 0.5 - 3.0 mm
- Stainless Steel: M4 - M10: 0.5 - 1.5 mm

Operating Procedure

1. Workpiece with round hole
2. Insert the punch (fixed onto the 74290 tool) into the round hole
3. Workpiece with the hexagonal hole stamped by the 74290, ready to take a Hexsert® threaded insert