H1900-456
CHERRY 1900® PULLING HEAD
Technical Data Sheet, Page 1 of 2

DIMENSIONAL DATA
(all measurements in inches)
- Tool weight without riveter: .27 Lbs (0.122 Kg).

CHOICE OF RIVETER
- G83 Cherry® Riveter
- G84 Cherry® Riveter
- Or any riveter equipped with a 352 Style Mounting System

MOUNTING INSTRUCTIONS
- Attach riveter to air source for correct piston positioning;
- Thread collet assembly securely onto the riveter head piston, use guide tube (item 7) when installing -4 and -5 NAS1919/1921 product. Only remove guide tube (item 7) for -6 installations.
- Press the trigger and attach the sleeve assembly onto the bayonet mount.

USAGE
- The H1900-456 is designed to reliably install all sizes of the single action NAS1919/1921 product assembled with or without a drive washer. To install the product without a drive washer use the appropriate nose piece (item 1) as shown in table 1.
- Consult the fastener product standard page for hole preparation and other fastener related information.
- Note that installations of fasteners with grip dash numbers -06 and up may require double triggering depending on the riveter being used.

BEFORE USE, MAKE SURE THAT:
- The nose piece (item 1) is properly threaded onto the sleeve (item 2) and the pulling head is properly mounted on the recommended riveter.
- The proper air source is connected.

DURING OPERATION
- Inspect the active area of the nose piece regularly.
- Keep the tool clean, especially the nose piece and jaws; pay special attention when sealants are used.
- If stem slippage occurs, the jaws need to be either cleaned or replaced.

PREVENTATIVE MAINTENANCE
- Clean the nose piece, jaw set and collet every 1,000 installations, or when failure occurs; use a wire brush to clean debris trapped in the jaw set.
- Lubricate outside of the jaw set with Lubriplate® or similar light lubricant.
PARTS LIST

<table>
<thead>
<tr>
<th>ITEM No.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY. PER</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>190-007</td>
<td>DRAWBOLT ADAPTOR</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>190-008</td>
<td>GUIDE TUBE</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>P1481</td>
<td>COMPRESSION SPRING</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>652-116</td>
<td>JAW FOLLOWER</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>743C55</td>
<td>JAW SET</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>747-041</td>
<td>COLLET</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>190-002</td>
<td>SLEEVE ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>190-010</td>
<td>NOSE PIECE</td>
<td>1</td>
</tr>
</tbody>
</table>

- When re-assembling use Loctite® 242 (removable) on the Nose Piece and Collet threads.

Table 1. Nose piece selection for fasteners without a drive washer

<table>
<thead>
<tr>
<th>FASTENER DIAMETER</th>
<th>NOSE PIECE</th>
</tr>
</thead>
<tbody>
<tr>
<td>-4</td>
<td>190-013</td>
</tr>
<tr>
<td>-5</td>
<td>190-014</td>
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<tr>
<td>-6</td>
<td>190-015</td>
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</table>

GENERAL / TECHNICAL QUESTIONS

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NOTE: The properties, strength, dimensions, installed characteristics and all other information in these materials are for guidance only and do not constitute a guarantee of performance or suitability for any particular application. All samples of the described parts can be requested for design verification and testing.

For more information please contact our Technical Services Department at tel. 714-850-6022

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