Clean Ream Extreme®

Instructions

PPR75, PPR100, PPR125, PPR150, PPR200, PPR250, PPR300, PPR400

ASSEMBLY

1. Insert Shaft into Body.
2. Make sure shaft is all the way through and flush with the bottom of the reamer.

NOTE: These reamers can be used with standard or cordless drills. For most effective use, run the drill at a low or medium RPM. Do not use impact drills.

WARNING: 3" and 4" fitting reamers create a large reaction torque that can cause injury to operator, therefore a standard 1/2" right angle drill is recommended. Use caution when using these tools. For reaming 3" or 4", a lower RPM is recommended to reduce heat and possible distortion of the fitting.

INSTRUCTIONS

1. Cut damaged pipe as close to fitting as possible.
2. Select proper size fitting reamer, put it in drill chuck, and tighten.
3. Insert fitting reamer into pipe, ensure tool stays on center to prevent binding. If no chips are being made, remove tool and check.
4. Ream old pipe until proper depth is attained. Proper depth is when old pipe has been completely removed from fitting. Do not ream beyond end of the pipe or into the seat of the fitting. When close to end of ream, stop several times and remove reamer and visually check depth.
5. Remove drill and clean out chips from fitting.

NOT recommended for high pressure supply systems or for vent side of gas burning appliance piping systems.

INSTRUCTIONS

1. Cut damaged pipe as close to fitting as possible.
2. Select proper size fitting reamer, put it in drill chuck, and tighten.
3. Insert fitting reamer into pipe, ensure tool stays on center to prevent binding. If no chips are being made, remove tool and check.
4. Ream old pipe until proper depth is attained. Proper depth is when old pipe has been completely removed from fitting. Do not ream beyond end of the pipe or into the seat of the fitting. When close to end of ream, stop several times and remove reamer and visually check depth.
5. Remove drill and clean out chips from fitting.

NOT recommended for high pressure supply systems or for vent side of gas burning appliance piping systems.

Clean Ream Extreme®

Instructions

PPR75, PPR100, PPR125, PPR150, PPR200, PPR250, PPR300, PPR400

ASSEMBLY

1. Insert Shaft into Body.
2. Make sure shaft is all the way through and flush with the bottom of the reamer.

NOTE: These reamers can be used with standard or cordless drills. For most effective use, run the drill at a low or medium RPM. Do not use impact drills.

WARNING: 3" and 4" fitting reamers create a large reaction torque that can cause injury to operator, therefore a standard 1/2" right angle drill is recommended. Use caution when using these tools. For reaming 3" or 4", a lower RPM is recommended to reduce heat and possible distortion of the fitting.

INSTRUCTIONS

1. Cut damaged pipe as close to fitting as possible.
2. Select proper size fitting reamer, put it in drill chuck, and tighten.
3. Insert fitting reamer into pipe, ensure tool stays on center to prevent binding. If no chips are being made, remove tool and check.
4. Ream old pipe until proper depth is attained. Proper depth is when old pipe has been completely removed from fitting. Do not ream beyond end of the pipe or into the seat of the fitting. When close to end of ream, stop several times and remove reamer and visually check depth.
5. Remove drill and clean out chips from fitting.

NOT recommended for high pressure supply systems or for vent side of gas burning appliance piping systems.

Clean Ream Extreme®

Instructions

PPR75, PPR100, PPR125, PPR150, PPR200, PPR250, PPR300, PPR400

ASSEMBLY

1. Insert Shaft into Body.
2. Make sure shaft is all the way through and flush with the bottom of the reamer.

NOTE: These reamers can be used with standard or cordless drills. For most effective use, run the drill at a low or medium RPM. Do not use impact drills.

WARNING: 3" and 4" fitting reamers create a large reaction torque that can cause injury to operator, therefore a standard 1/2" right angle drill is recommended. Use caution when using these tools. For reaming 3" or 4", a lower RPM is recommended to reduce heat and possible distortion of the fitting.

INSTRUCTIONS

1. Cut damaged pipe as close to fitting as possible.
2. Select proper size fitting reamer, put it in drill chuck, and tighten.
3. Insert fitting reamer into pipe, ensure tool stays on center to prevent binding. If no chips are being made, remove tool and check.
4. Ream old pipe until proper depth is attained. Proper depth is when old pipe has been completely removed from fitting. Do not ream beyond end of the pipe or into the seat of the fitting. When close to end of ream, stop several times and remove reamer and visually check depth.
5. Remove drill and clean out chips from fitting.

NOT recommended for high pressure supply systems or for vent side of gas burning appliance piping systems.
### Parts List

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description</th>
<th>Item Code</th>
<th>Item Code</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SHAFT</td>
<td>44525</td>
<td>44524</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>CARBIDE INSERT</td>
<td>24523</td>
<td>24524</td>
<td>1</td>
</tr>
<tr>
<td>3a</td>
<td>8-32 CAP SCREW</td>
<td>—</td>
<td>24525</td>
<td>1</td>
</tr>
<tr>
<td>3b</td>
<td>4-40 CAP SCREW</td>
<td>24522</td>
<td>—</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>1/4&quot; - 20 SET SCREW</td>
<td>30087</td>
<td>30087</td>
<td>1</td>
</tr>
</tbody>
</table>

**Rotate Carbide Insert:** Carbide insert has four cutting edges. Change cutting edge by removing the cap screw and rotating the carbide 180° then reinsert cap screw and tighten. Replace carbide as needed.

---

**See Also:** RP-103

---

**Parts List**

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description</th>
<th>Item Code</th>
<th>Item Code</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SHAFT</td>
<td>44525</td>
<td>44524</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>CARBIDE INSERT</td>
<td>24523</td>
<td>24524</td>
<td>1</td>
</tr>
<tr>
<td>3a</td>
<td>8-32 CAP SCREW</td>
<td>—</td>
<td>24525</td>
<td>1</td>
</tr>
<tr>
<td>3b</td>
<td>4-40 CAP SCREW</td>
<td>24522</td>
<td>—</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>1/4&quot; - 20 SET SCREW</td>
<td>30087</td>
<td>30087</td>
<td>1</td>
</tr>
</tbody>
</table>

**Rotate Carbide Insert:** Carbide insert has four cutting edges. Change cutting edge by removing the cap screw and rotating the carbide 180° then reinsert cap screw and tighten. Replace carbide as needed.