Standard Pliers

Standard Retaining Ring Pliers - Inch & Metric

Rotor Clip Standard Retaining Ring Pliers are made of high carbon, heat treated steel and produced to exacting QC specifications. They feature stop and return springs for problem-free installation/removal of retaining rings. This eliminates overspreading of external retaining rings, and speeds the assembly/removal of internal retaining rings by orienting plier to exact location of lug holes. Most Rotor Clip retaining ring pliers have exclusive air-cushioned handles.

Internal Inch

For use with the following inch retaining rings:

- HO
- VHO
- HOI
- SH
- SHI
- SHR
- SHF
- BSH
- VSH

External Inch

For use with the following inch retaining rings:

- RP-12, RP-15 & RP-18 are available in the standard version with shielded tips. The 45° and 90° versions are unshielded. Both are equipped with fixed stops to prevent overspreading of the external retaining rings during installation or removal.

Internal Metric

For use with the following metric retaining rings:

- DHO (DN 472), DHT (DN 984)

External Metric

For use with the following metric retaining rings:

- DSH (DN 471), DST (DN 983)

Please wear protective eyewear while installing and removing retaining rings & hose clamps.

Inch Plier Dimensions

Internal Inch

For use with the following inch retaining rings:

- HO
- VHO
- HOI
- SH
- SHI
- SHR
- SHF
- BSH
- VSH

External Inch

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Inch Plier Dimensions

External Inch

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Ratchet Retaining Ring Pliers

Assemble large retaining rings up to 10" in diameter with ease and comfort using Rotor Clip Ratchet Pliers. Spring loaded mechanisms compress or expand large rings through gradual “steps.” Plier locks at the desired size without continued pressure on the handles.

(Note: Ratchet Pliers do not include plier tips, which must be purchased separately.)

Ratchet & Grip Ring Pliers

Rotor Clip Grip Ring Pliers are designed for SHF & DSF external (shaft) friction rings. The pliers are made of forged Chrome Vanadium steel with non-slip solid tips, and the handles have a non-slip plastic coating.

Please wear protective eyewear while installing and removing retaining rings & hose clamps.
Convertible & Heavy-Duty Pliers

Convertible Retaining Ring Pliers
Convert quickly and easily from internal to external pliers and back again. This two-in-one capability is cost effective and ideal for handling a variety of applications with a minimum number of tools. Simply move the screw to the other hole and tighten with finger pressure to convert quickly to an internal/external plier.

<table>
<thead>
<tr>
<th>CONVERTIBLE PIERS, INTERNAL RING SERIES</th>
<th>GENERAL DIMENSIONS (inches)</th>
<th>CLOSED POSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ring Series/Size Range</td>
<td>WEIGHT</td>
<td>TIP DIA.</td>
</tr>
<tr>
<td></td>
<td>lbs.</td>
<td></td>
</tr>
<tr>
<td>HO-HOHO-VHO-HO</td>
<td>19</td>
<td>0.038</td>
</tr>
<tr>
<td>-37 -102 -100 -100 -100 -100 -100 -100</td>
<td>19</td>
<td>0.047</td>
</tr>
<tr>
<td>-106 -175 -145 -200 -200 -200 -200 -200</td>
<td>19</td>
<td>0.070</td>
</tr>
<tr>
<td>-181 -206 -206 -206 -212 -212 -212 -212</td>
<td>19</td>
<td>0.090</td>
</tr>
</tbody>
</table>

Internal
For use with the following retaining rings:
- HO
- HOI
- BHO
- VHO

External
For use with the following retaining rings:
- SH
- SHI
- SHR
- BSH
- SHF
- VSH

Heavy-Duty Retaining Ring Pliers
Rotor Clip Heavy-Duty Retaining Ring Pliers are designed to perform with excessive use - up to 10 times longer than standard retaining ring pliers. The pliers are made of forged Chrome Vanadium steel, and the handles have a non-slip plastic coating. They feature inserted tips of high density drawn spring wire and a precise, smooth operating screw joint. Large contact faces on the tips helps to eliminate distortion of the ring, and the slim head style allows for use in confined areas.

<table>
<thead>
<tr>
<th>HEAVY DUTY PIERS - INTERNAL (Inch &amp; Metric)</th>
<th>GENERAL DIMENSIONS (inches)</th>
<th>CLOSED POSITION</th>
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<tr>
<td>Ring Series/Size Range</td>
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</tr>
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<td>19</td>
<td>0.090</td>
</tr>
</tbody>
</table>

Internal
For use with the following retaining rings:
- HO
- HOI
- DHO
- MHO

External
For use with the following retaining rings:
- SH
- SHI
- SHR
- DST
- MSH

For the most up-to-date specifications, online ordering, quotations & sample orders, visit www.rotorclip.com