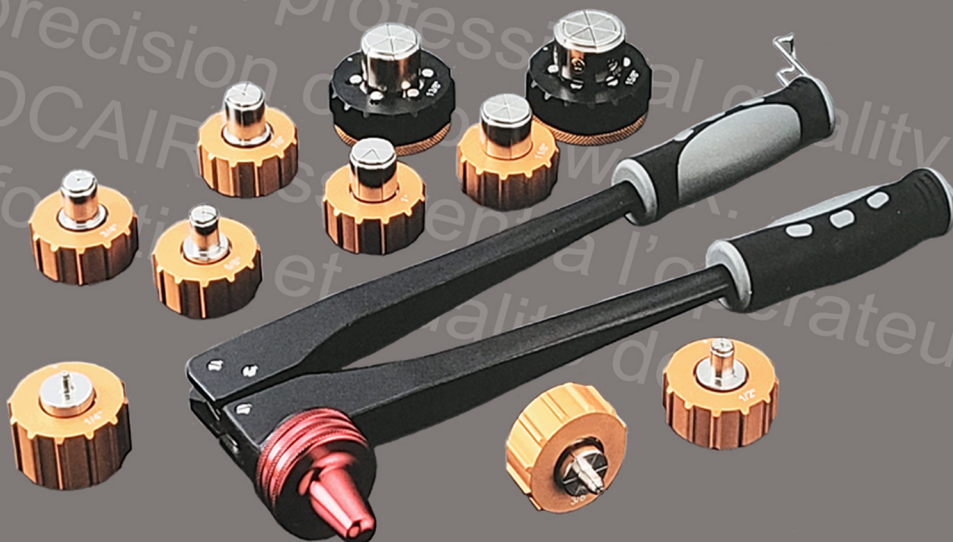


ROCAIR®

Professional HVAC&R Tools



Mini-Size Heavy-Duty Auto Tube Cutters

Features:

- Fast/Quick Cuttings.
- Time & Labor Saving.
- Suitable For Cutting Stainless/Steel (Under 2mm thickness), Aluminum, Copper & PVC Pipes.
- HRC-60 Abrasion Resistant Roller Axles and Cutting Wheel Center Axle.
- Steel Spring Block Design Prolongs the Spring Performance Lifetime.
- Oil-refillable Designed Rollers Can Provide Better, Cleaner & Smoother Cuttings.



Spring Design
Efficient Automatic
Cutting



Oil lubrication roller
Type which provides
Clean cuts



RR-126 Heavy-Duty Mini Auto Tube Cutter

- For 1/8" - 5/8" (3mm - 16mm) O.D. Tubings.



RR-128 Heavy-Duty Mini Auto Tube Cutter

- For 3/16" - 1" (5mm - 25mm) O.D. Tubings.
- Option: Extension bar connection knob & Extension bar with deburring function.



RR-132 Heavy-Duty Mini Auto Tube Cutter

- For 1/4" - 1-1/4" (6mm - 32mm) O.D. Tubings.
- Extension Bar Connection Knob.
- Option: Extension bar with deburring function.



3-In-1 Mini-Size Heavy-Duty Auto Tube Cutters

Features:

- Fast/Quick Cuttings.
 - Time & Labor Saving.
 - Suitable For Cutting Stainless/Steel (Under 2mm thickness), Aluminum, Copper & PVC Pipes.
 - HRC-60 Abrasion Resistant Roller Axles and Cutting Wheel Center Axle.
 - Steel Spring Block Design Prolongs the Spring Performance Lifetime.
 - Oil-refillable Designed Rollers Can Provide Better, Cleaner & Smoother Cuttings.
 - Extension Bar Connecting Knob Design For Easy Switching Between Mini-cutting/Regular-cutting.
 - Deburring Extension Bar : With quick clip-on universal deburring blade tips connector.
- 1pc Optional spare tube cutter cutting wheel storage.



Spring Design
Efficient Automatic
Cutting



Oil lubrication roller
Type which provides
Clean cuts



Dual-function Detachable
Extension Bar Connecting
Knob Design.



Deburring Function
Universal connector
can fit other deburring
blade tips types



RR-132AD

RR-128AD 3-In-1 Heavy-Duty Mini Auto Tube Cutter

- Includes 1pc Extension Bar (With Deburring Function)
- For 3/16" - 1" (5mm - 25mm) O.D. Tubings.

RR-132AD 3-In-1 Heavy-Duty Mini Auto Tube Cutter

- Includes 1pc Extension Bar (With Deburring Function)
- For 1/4" - 1-1/4" (6mm - 32mm) O.D. Tubings.



RR-145AD-HS 3-In-1 Heavy-Duty Mini Auto Tube Cutter

- Includes 1pc Extension Bar (With Deburring Function)
- For 3/16" - 1-3/4" (4mm - 45mm) O.D. Tubings.



3-In-1 Mini-Size Heavy-Duty Auto Tube Cutters



RR-153AD-HS 3-In-1 Heavy-Duty Auto Tube Cutter

- Includes 1pc Extension Bar (With Deburring Function)
- For 3/16" - 2-1/6" (5mm - 53mm) O.D. Tubings.



RR-157AD-HS 3-In-1 Heavy-Duty Auto Tube Cutter

- Includes 1pc Extension Bar (With Deburring Function)
- For 3/16" - 2-1/4" (5mm - 57mm) O.D. Tubings.



RR-170AD-HS 3-In-1 Heavy-Duty Auto Tube Cutter

- Includes 1pc Extension Bar (With Deburring Function)
- For 1/4" - 2-3/4" (6mm - 70mm) O.D. Tubings.



RR-1368AD-SUJ/HS Heavy-Duty Mini Auto Tube Cutter Set

- Includes 1pc Extension Bar (With Deburring Function) for enclosed RR-128 and RR-132.

- Includes 3 Mini Tube Cutters:

RR-126: For 1/8" - 5/8" (3mm - 16mm) O.D. Tubings.

RR-128 (With Extension Bar Connecting Knob):

For 3/16" - 1" (5mm - 25mm) O.D. Tubings.

RR-132 (With Extension Bar Connecting Knob):

For 1/4" - 1-1/4" (6mm - 32mm) O.D. Tubings.



RR-170AD-BHS

3-In-1 Heavy-Duty Auto Tube Cutters With Ball Bearing Rollers

- Includes 1pc Extension Bar (With Deburring Function)
- Ball Bearing Rollers Can Provide Faster & Smoother Cuttings; no oil re-fillings needed.
- Available For Tube Cutters:

RR-132AD, RR-145AD, RR-153AD, RR-157AD & RR-170AD

Tube Benders



RR-363 3-In-1 90° Lever Type Tube Bender:

- For 1/8" (3mm), 3/16" (6mm) & 1/4" (6mm) O.D. Tubings.



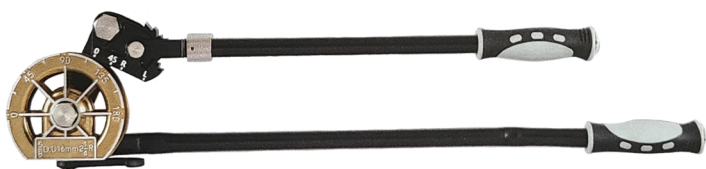
RR-371 2-Stage Ratchet Style Tube Benders:

- RR-371A: Inch Sizes
- RR-371M: Metric Sizes
- Ratchet mechanism for easier operation.
- Aluminum Alloy Body With Ergonomic TPR Handles.
- For Aluminum, soft copper/metal tubes.

| Model/Item | DESCRIPTIONS | | |
|------------|----------------------------|--------------|--------------------------------|
| | Outside Diameter of Tubing | Nominal Size | Radius To Center of Tube (In.) |
| RR-371A-06 | 3/8" | 1/4" | 15/16 |
| RR-371A-08 | 1/2" | 3/8" | 1-1/2 |
| RR-371M-10 | 10mm | 24.0mm | 15/16 |
| RR-371M-12 | 12mm | 38.1mm | 1-1/2 |



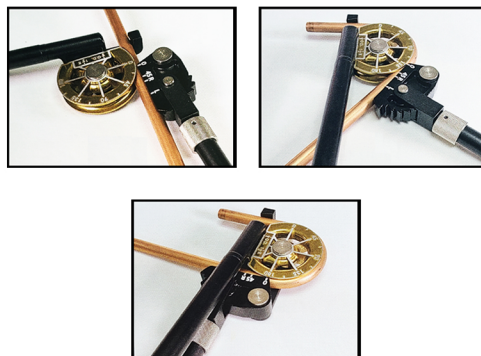
RR-371A-12Multi



RR-371M-16Multi

RR-371-Multi Ratchet Style Tube Benders:

- RR-371A: Inch Sizes
- RR-371M: Metric Sizes



| Model/Item | DESCRIPTIONS | | |
|-----------------|----------------------------|--------------|--------------------------------|
| | Outside Diameter of Tubing | Nominal Size | Radius To Center of Tube (In.) |
| RR-371A-06Multi | 3/8" | 1/4" | 15/16 |
| RR-371A-08Multi | 1/2" | 3/8" | 1-1/2 |
| RR-371A-10Multi | 5/8" | 1/2" | 2-1/4 |
| RR-371A-12Multi | 3/4" | 5/8" | 3 |
| RR-371M-10Multi | 10mm | 24.0mm | 15/16 |
| RR-371M-12Multi | 12mm | 38.1mm | 1-1/2 |
| RR-371M-16Multi | 16mm | 57.2mm | 2-1/4 |
| RR-371M-19Multi | 19mm | 76.2mm | 3 |

Tube Expander Kits



RR-810

RR-800 Tube Expander Kits (Inch Sizes Only):

- For Flaring and Expanding Soft Copper, Aluminum, Soft Metal Tubes.
- Light-weight Aluminum Alloy Body With Ergonomic TPR Handles.
- With Punch Head Safety Cap.
- Standard With 8 Expander Heads:
- 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1" & 1-1/8".
- Optional Heads Are Available:
- 1-1/4", 1-3/8", 1-1/2" & 1-5/8".

| Model/Item | DESCRIPTION |
|--------------------------|---|
| RR-800 Tube Expander Kit | Contents of Kit: RR-800H & RR-800E (8 Expander Heads) Inch Sizes |
| RR-810 Tube Expander Kit | Contents of Kit: RR-810H & RR-810E (10 Expander Heads) Inch Sizes |



Hydraulic Tube Expander Kits:

- Labor saving hydraulic mechanism design.
- For soft copper, aluminum, titanium soft steel tubes.
- 7 Expander head sizes:
- 3/8", 1/2", 5/8", 3/4", 7/8", 1" & 1-1/8" O.D. (RR-300)
- 10, 12, 16, 19, 22, 25 & 28mm O.D. (RR-300M)
- Kit includes 1pc RR-274

| Model/Item | DESCRIPTION |
|-------------------------------------|--|
| RR-300 Hydraulic Tube Expander Kit | For 3/8", 1/2", 5/8", 3/4", 7/8", 1" & 1-1/8" O.D. Tubings; Kit includes 1pc RR-274. |
| RR-300M Hydraulic Tube Expander Kit | For 10, 12, 16, 19, 22, 25 & 28mm O.D. Tubings; Kit includes 1pc RR-274. |

Flaring Tools



RR-FT-350A Brake Pipe Flaring Tool Set:

- For copper, steel stainless pipes.
- Steel forged yoke.
- Double flaring tool and die block for 3/16", 1/4", 5/16" & 3/8" O.D.



RR-FT-350M Brake Pipe Flaring Tool Set:

- For copper, steel stainless pipes.
- Steel forged yoke.
- Double flaring tool and die block for 4.75, 5 & 6mm O.D.



RR-FT-421A/M Hydraulic Flaring Tool Sets

| Model/Item | DESCRIPTION |
|------------|--|
| RR-FT-421A | Hydraulic Flaring Tool Set (Inch Sizes): SAE 3/16" & 1/4"; With RR-363 3-In-1 Tube Bender, Tube Cutter & RR-608 Deburring Tool. |
| RR-FT-421M | Hydraulic Flaring Tool Set (Metric Sizes): SAE 4.75mm, 5mm & 6mm; With RR-363 3-In-1 Tube Bender, Tube Cutter & RR-608 Deburring Tool. |



RR-FT-430 Hydraulic Flaring Tool Set:

- 5/16", 3/8"-GM.
- 3/8" GM-CT.
- 1/4", 3/8", 5/16"-CONNECT.
- 4.75, 6, 8, 10mm ISO.
- 5/16", 3/8", 3/16", 1/2", 1/4" OP1; OP0; OP2



RR-OSH06

Overhead Speed Handles:

- For Overhead Operations.
- Material: CrV
- Finish: Bright Chrome.
- Other Sizes & Lengths are available upon requests.

| Model/Item | DESCRIPTION | Size | DIMENSIONS |
|------------|--------------|----------|------------|
| | | | L (mm) |
| RR-OSH04 | Speed Handle | 1/4" Dr. | 435 |
| RR-OSH06 | Speed Handle | 3/8" Dr. | 435 |
| RR-OSH08 | Speed Handle | 1/2" Dr. | 435 |
| RR-OSH12 | Speed Handle | 3/4" Dr. | 435 |



RR-SH08

Speed Handles:

- Time & Energy Savings.
- Material: CrV
- Finish: Bright Chrome.
- Rotating Ergonomic PVC Handle.
- Other Sizes & Lengths are available upon requests.

| Model/Item | DESCRIPTION | Size | DIMENSIONS |
|------------|--------------|----------|------------|
| | | | L (mm) |
| RR-SH04 | Speed Handle | 1/4" Dr. | 400 |
| RR-SH06 | Speed Handle | 3/8" Dr. | 400 |
| RR-SH08 | Speed Handle | 1/2" Dr. | 400 |
| RR-SH12 | Speed Handle | 3/4" Dr. | 400 |



Spinner Handles With Sliding T Handle Connector:

- Chromium-Vanadium Steel (CrV)
- Finish: Bright Chrome
- Ergonomic Rubber Handle.
- With Sliding T Handle Connector.
- Different Sizes & Lengths Are Available Upon Requests.

| Model/Item | DESCRIPTION | Size | DIMENSIONS |
|------------|--|----------|------------|
| | | | L (mm) |
| RR-14SP | Spinner Handle With Sliding T Handle Connector | 1/4" Dr. | 150 |
| RR-38SP | Spinner Handle With Sliding T Handle Connector | 3/8" Dr. | 150 |
| RR-12SP | Spinner Handle With Sliding T Handle Connector | 1/2" Dr. | 150 |

Hand Tools



Sliding T Handles:

- Chromium-Vanadium Steel (CrV)
- Finish: Bright Chrome
- Different Sizes & Lengths Are Available Upon Requests.

| Model/Item | DESCRIPTION | Size | DIMENSIONS |
|------------|------------------|----------|------------|
| | | | L (mm) |
| RR-14ST | Sliding T Handle | 1/4" Dr. | 115 |
| RR-38ST | Sliding T Handle | 3/8" Dr. | 115 |
| RR-12ST | Sliding T Handle | 1/2" Dr. | 115 |



Spinner Handles With Sliding T Handle Set:

- Chromium-Vanadium Steel (CrV)
- Finish: Bright Chrome
- Set Contents: 1x Spinner Handle & 1x Sliding T Handle
- Different Sizes & Lengths Are Available Upon Requests.



| Model/Item | DESCRIPTION | Size |
|------------|--|----------|
| RR-14SPT | Spinner Handle With Sliding T Handle Set: 1x Spinner Handle & 1x Sliding T Handle. | 1/4" Dr. |
| RR-38SPT | Spinner Handle With Sliding T Handle Set: 1x Spinner Handle & 1x Sliding T Handle | 3/8" Dr. |
| RR-12SPT | Spinner Handle With Sliding T Handle Set: 1x Spinner Handle & 1x Sliding T Handle | 1/2" Dr. |



Pass Through 12-Point Sockets Ratchet Wrench Set:

- 10x 13mm Mini Pass Through 12-Point Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16 & 17mm.
- 1x 1/2" Dr. Socket Adapter.
- 1x 1/2" Dr. 50mm Semi-Deep 12-Point Socket: 19mm.
- 1x Pass Through Ratchet Wrench With Ergonomic Rubber Grip.
- 1x Pass Through Turning Disc For Tight Space Operations.
- Other Socket Sizes & Set Combinations Available Upon Requests.

| Model/Item | DESCRIPTION |
|------------|--|
| RR-PT1001 | Pass Through 12-Point Sockets Ratchet Wrench Set With Turning Disc |



Bits Sets With Universal Joints:

- 1/4" Dr. Bits With Universal Joints.
- Universal Joint Material: CrV Steel
- Bits Material: S2
- Other Bits Sets With Universal Joints Combinations & Sizes Available Upon Requests.

RR-BU12-21

| Model/Item | DESCRIPTION |
|------------|---|
| RR-BU12-21 | 10 Bits (S2) With Universal Joints (1/4" Dr.)(CrV); 1x Bit Adapter (1/4" Dr.)(CrV); 1x 1/4" Dr. Universal Joint (CrV); 21 Bits (S2) Set |
| RR-BU16 | 16 Bits (S2) With Universal Joints (1/4" Dr.)(CrV): H(3, 4, 5 & 6), T(8, 10, 15, 20, 25, 27, 30 & 40), SL(4 & 6) & PH(1 & 2) |

Specifications

RR-BU12-21:

- 10 Bits(S2)With Universal Joints (1/4" Dr.)(CrV): H(3, 4, 5 & 6), T(10, 15, 20, 25, 27 & 30).
- 1x Bit Adapter (1/4" Dr.)(CrV).
- 1x 1/4" Dr. Universal Joint (CrV).
- 21 Bits(S2): TORX TH(10, 15, 20, 25, 27, 30& 40), PH(1, 2 & 3), PZ(1, 2& 3), SL(3, 4 & 6), H(2.5, 3, 4, 5 & 6)

RR-BU16:

- 16 Bits (S2) With Universal Joints (CrV)(1/4" Dr.): SL(4 & 6), PH(1 & 2), H(3, 4, 5 & 6), T(8, 10, 15, 20, 25, 27, 30 & 40)



| Model/Item | DESCRIPTION |
|------------|--|
| RR-2036 | 36pcs 1/4" Dr. Super Mini Socket Set With Wrench & Patented Turning Disc |

Specifications

RR-2036 36pcs 1/4" Dr. Super Mini Socket Set With Ratchet Wrench:

- 1x Patented Aluminum Turning Disc.
- 13x 13mm Super Mini Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 & 14mm.
- 1x 1/4" Dr. x 50mm(L) Wobble Extension Bar.
- 1x Stubby 11mm Single Direction Ratchet Wrench.
- 1x 1/4" Dr. Bits Adapter.
- 1x 1/4" Dr. Universal Joint.
- 1x 1/4" Dr. Spinner Handle With 1/4" Connector.
- 1x 1/4" Dr. Sliding T Handle.
- 16x 1/4" x 25mm(L) Power Bits (S2):
 - 8-TORX T10, 15, 20, 25, 27, 30 & 40.
 - 3-PH 1, 2 & 3.
 - 3-PZ 1, 2 & 3.
 - 3-SL 5, 6 & 7.

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