

PINCH OFF PLIERS



Clamp and Hold Securely! Now Available in a Larger Size for Big-Diameter Hoses.

Ideal for temporarily shutting off automotive hoses (cooling system). Simply squeeze the grips to close and lock the hose, and release by opening the grips. Available in 3 sizes to support motorcycles, passenger vehicles, large trucks, as well as industrial and construction machinery.

Expanded Capability: Large Size (PSA112A)
Handles Hoses Up to Approx. Ø70 mm



Maximum Applicable Hose Diameter

No.	PSA34A	PSA57A	PSA112A
Outer diameter	Ø20mm	Ø35mm	Ø70mm

Useful also for shutting off cooling system hoses used in large vehicles as well as industrial and construction machinery.

Hands-Free Hose Retention with a Stepless Automatic Lock



The movable jaws clamp the hose in parallel for a secure seal. The pliers lock automatically with a simple squeeze, and can be released just by opening the grips, greatly improving work efficiency.

Comfortable, Easy-to-Grip Handles



The V-shaped grip design provides a secure, comfortable hold and prevents slipping.

Pinch and Squeeze to Close the Hose



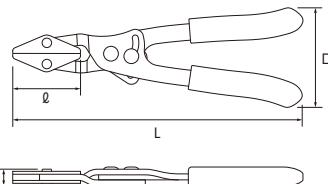
PINCH OFF PLIERS

No.	Max. Hose Diameter	L	ℓ	D	T	Weight(g)	□
PSA34A	φ20	140	34	46	5.8	91	1
PSA57A	φ35	240	57	55	9.5	354	1
PSA112A	φ70	360	112	65	9.5	587	1

- Ideal pinch-off pliers for closing automotive hoses (cooling system).
- Suitable for shutting off hoses used on motorcycles, passenger cars, large vehicles, and construction machinery.
- Particularly useful for closing cooling system hoses, especially when used together with our Coolant Charger (AE401).
- The stepless automatic locking mechanism locks the pliers simply by squeezing.
- The lock can be released simply by opening the grips.

CAUTION

- Make sure the pliers are securely locked when holding the hose.
- Check the outside diameter of the hose to ensure it is within the applicable range.
- Do not use the pliers on hoses outside the applicable size range.



Ensure Safe Coolant Filling Using Pinch-Off Pliers



No Air Bleeding Required After Filling — Compatible with Japanese/European Vehicles

When used together with the pinch-off pliers, the bypass line to the reserve tank can be blocked, enabling efficient filling by vacuum.



The main unit and tank can be detached. By using an optional spare tank, the tool can be used for filling different types of coolant, helping to reduce working time.



Movie

COOLANT CHARGER

No.	Weight(kg)
AE401	4.5
W×D×H	420×300×450mm
Hose length	2.5m
Tank capacity	15L
Tank material	Polyethylene
Vacuum level (reachable pressure)	Approx. -0.09 Mpa
Air consumption	Approx. 120-190 L/min
Operating air pressure	0.6~0.7MPa
Operating temperature range	7~50°C
Air coupler	Nitto Kohki 20PM equivalent

- Suitable for a wide range of vehicles, from compact cars and passenger vehicles to 1.5-ton class light trucks. Can be used with both down-flow and side-flow type radiators. (For some vehicles, an optional Large Cone Plug Adapter is required.)
- Allows quick filling of coolant without introducing air into the system.
- The tank can be detached from the main unit, and by using an optional spare tank, different types of coolant (LLC, S-LLC) can be filled separately.
- No adjustment required, for the input air pressure.
- Vacuuming and filling can be switched directly from the control on the tool.

CAUTION

- Do not use this product for any purpose other than its intended use.
- Do not disassemble or modify the product.

Spare Tank Assy (tank + cap)

No.	Weight(kg)
AE401-ST	1



• Convenient spare tank for handling different engine coolants (LLC and S-LLC).

Cone Plug L Size Adapter

No.	Weight(g)
AE401-CPL	55

• Applicable car models:
Volkswagen, Audi, Volvo (all passenger cars), Rover (200-600, FREELANDER), and Fiat.



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- All sizes on this leaflet are indicated as millimeter unless mentioned.
- There might be size differences between those mentioned on this leaflet and the actual products for the product tolerance.
- Product design might be changed for the improvement without the notifications.

