


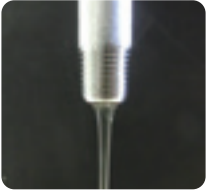


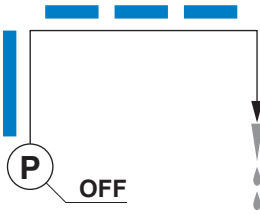
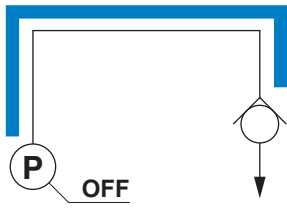
# The check valves that expand applications.

Contributes to improved workability and tact time.  
For coolants and wash water.



## Improved workability

Stops precisely and continues to the next process smoothly, contributing to improved workability and tact time.

No check valve	Check valve with nozzle
<p>Discharge</p>  <p>After stopping</p> 	<p>Discharge</p>  <p>After stopping</p> 
<p>Fluid dripping does not stop.</p>	<p>Prevents fluid dripping in the check valve Discharges via holding fluid inside the piping Also improves responsivity</p>
	

## Example of applications

### Nozzle for machine tool coolants

- Prevents fluid dripping from leading to incorrect detections of the cutting tool breakage sensor
- Improves discharge responsivity

### Cleaning equipment

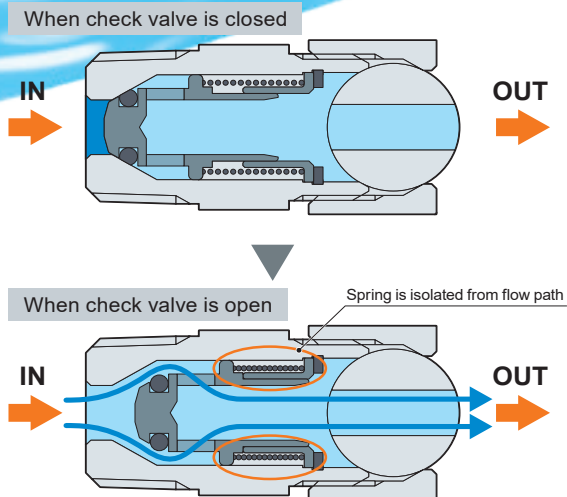
- Fluid dripping prevention protects workpieces

# NOZZLE TYPE CHECK VALVE CCN SERIES

## Resistant to foreign matter

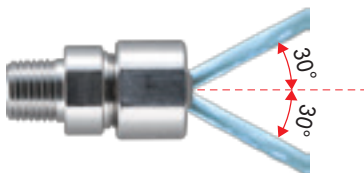
The spring and main valving element are not in the flow path while the coolant is passing, and thus problems due to catching foreign matter and clogging are minimized.

### Flow path structure diagram



## Injection direction adjustment function

The direction of the discharge outlet is easily adjustable.



## A wide range of connection options

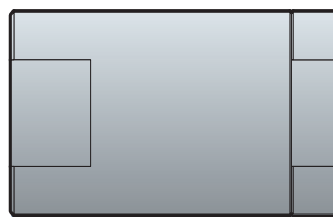
A new lineup of male and female threads is available on the OUT side. You can freely select it according to the required scene.



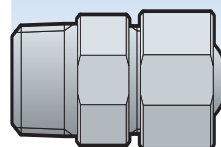
## Compact and space saving

The integrated nozzle shape makes for compact piping.

CCH-10A



CCN-10F-5, 6



Volume

75%  
Reduced

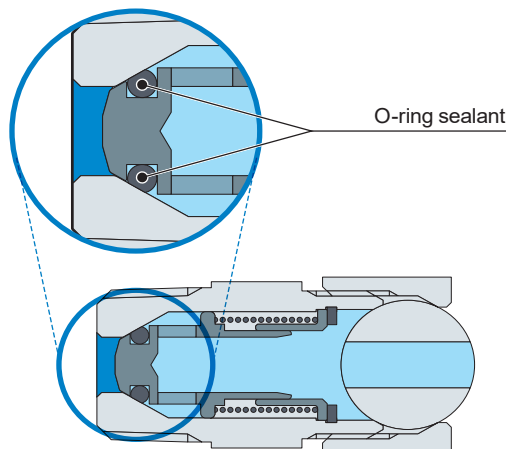
Weight

75%  
Reduced

## Long service life

Due to the O-ring sealant and metal touch structure, we have realized long-lasting internal sealing performance.

### Sealing mechanism



## Corrosion-resistant material

Can be used in a variety of situations, such as water cooling of laser processing machines and cleaning equipment. They exhibit the same reliability demonstrated for liquid coolant applications due to the metal parts being all stainless steel.

Supports food manufacturing processes FP Series (option)



Catalog No. CC-1271A

Safe and secure for food manufacturing processes.

**NSF H1**  
grease for  
foodstuffs is used

Material compatible  
with the Food Sanitation Act  
Fluid passage section  
Resin / rubber



This logo represents our commitment to support food manufacturing processes with safe CKD products.