

TATSUNO Nozzle



TATSUNO

In Innovation, In Reliable Services

TATSUNO Nozzles : High Reliability, Excellent Durability and Easy Maintenance

Tatsuno supplies the best automatic nozzles & prepay nozzles



- 1. Longer durability
- 2. Higher delivery speed
- 3. Easy operation

Operational principle

(FN-1001-Z09/when used for preset)

1. Start of fueling

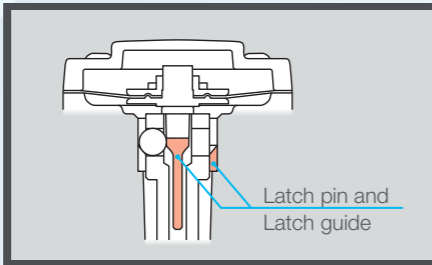
When the diaphragm is pressurized, the latch pin and the latch plunger are released and the nozzle starts fueling.

2. Completion of fueling

When the preset electromagnetic valve closes, the pressure drops in the diaphragm, then the latch ball is released from the plunger and the main valve closes automatically.

Durability

Latch pin and Latch guide;
Longer durability thanks to polished finish and heat treatment.



Nozzle lever handling

● Fueling position: The nozzle lever is set on the upper notch.



Easy single-handed operation and selection between three notches (for small, medium or large flow)

● Non-fueling position

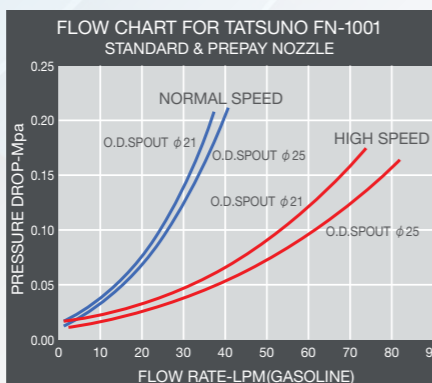


Nozzle structure



Delivery speed

Smaller pressure loss in the nozzle.



Model No.

FN-1001-Z07 Standard nozzle (Normal speed type) with Safety ball
FN-1001-Z08 Standard nozzle (High speed type) with Safety ball



Scuff guard



FN-1001-Z09 Just stop (Prepay) nozzle (Normal speed type) with Safety ball
FN-1001-Z10 Just stop (Prepay) nozzle (High speed type) with Safety ball



FN-1004-J23 Just stop (Prepay) nozzle (Ultra high speed type) with Safety ball



FN-1004-E Standard nozzle (Ultra high speed type) with Safety ball
FN-1004-J01 Just stop (Prepay) nozzle (Ultra high speed type) with Safety ball



FN-1021-C07 Just stop (Prepay) nozzle (Normal speed type) with Safety ball
FN-1021-D04 Just stop (Prepay) nozzle (High speed type) with Safety ball

50L/min
80L/min



Nozzle Accessories

Swivel



Multi swivel

- Unique shape supporting higher flow rate and easy hose handling
- Easy maintenance



Double swivel

- Two swivels for easy hose handling
- Easy maintenance



Single-plane swivel

- One swivel for easy hose handling
- Easy maintenance



Splash guard

- Prevents fuel splashing



Oil guard

- Prevents fuel spillage



Oil guard(φ54)

- Prevents fuel spillage



Nozzle spout

Easy spout replacement by loosening two screws.

For normal speed

- Standard type: FNS1001-A11
- Prepay type: FNS1001-A21



For high speed

- Standard type: FNS1001-A12
- Prepay type: FNS1001-A22







Stainless Steel Spout Tip



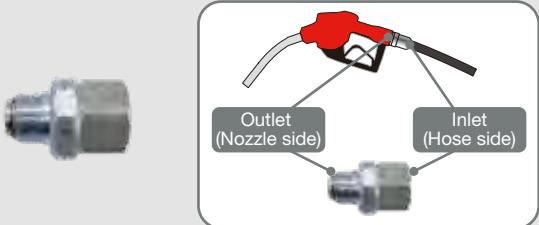
The reinforced end of the spout is prevented from denting and secures long and safe usage.



Main Specifications

Type	Standard		Just stop	
Appearance	 Photo:FN-1001-Z07		 Photo:FN-1001-Z09	
Model	FN-1001-Z07	FN-1001-Z08	FN-1001-Z09	FN-1001-Z10
Outside Diameter of Spout	Φ21mm	Φ25mm	Φ21mm	Φ25mm
Fuel Types	Petrol, Diesel, Kerosene	Diesel, Kerosene	Petrol, Diesel, Kerosene	Diesel, Kerosene
Operating Temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Maximum Flow Rate	Up to 40L/min	Up to 70L/min	Up to 40L/min	Up to 70L/min
Minimum Flow Rate	10L/min	15L/min	10L/min	15L/min
Maximum Pressure	0.49MPa	0.49MPa	0.49MPa	0.49MPa
Stainless Steel Spout Tip	Optional	Optional	Optional	Optional
Inlet Connection Thread	NPT 3/4", G	NPT 3/4", G	NPT 3/4", G	NPT 3/4", G

Type	Ultra high speed (Just stop)		Trigger (Just stop)	
Appearance	 Photo:FN-1004-J01		 Photo:FN-1021-C07	
Model	FN-1004-J23	FN-1004-J01	FN-1021-C07	FN-1021-D04
Outside Diameter of Spout	Φ28mm	Φ32mm	Φ21mm	Φ25mm
Fuel Types	Diesel, Kerosene	Diesel, Kerosene	Petrol, Diesel, Kerosene	Diesel, Kerosene
Operating Temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C
Maximum Flow Rate	Up to 120L/min	Up to 160L/min	Up to 40L/min	Up to 70L/min
Minimum Flow Rate	20L/min	35L/min	6L/min	15L/min
Maximum Pressure	0.49MPa	0.49MPa	0.49MPa	0.49MPa
Stainless Steel Spout Tip	Included	Not included	Included	Included
Inlet Connection Thread	G1	G1-1/4	NPT 3/4"	NPT 3/4"

Type	Multi swivel		Double swivel	Single swivel				
Appearance				 Outlet (Nozzle side) Inlet (Hose side)				
Model	FJ-1045-B02	FJ-1045-B03	FJ-1036-E01	FJ-1036-D	FJ-1006-Q	FJ-1007-H01	FJ-1007-B	FJ-1007-A
Inlet (Hose side)	NPT 3/4"	NPT 3/4"	NPT 3/4"	NPT 3/4"	NPT 3/4"	NPT 1"	G1	G1-1/4
Outlet (Nozzle side)	NPT 3/4"	G1	NPT 3/4"	NPT 3/4"	G1	M50	M50	M50



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