



Shenzhen Shumatt Technology Co., Ltd

F00VC14012 Injector Nozzle Nut Technical File

SKU: G1N1F00RJ011010



F00VC14012 Injector Nozzle Nut Technical File

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F00VC14012 Injector Nozzle Nut Technical File

1. F00VC14012 Injector Nozzle Nut Introduction

1.1. F00VC14012 Injector Nozzle Nut Basic Information

Injector Nozzle Nut Title	Common Rail F00VC14012 Injector Nozzle Nut China Made New
SKU	G1N1F00RJ011010

1.2. F00VC14012 Injector Nozzle Nut Common Part Number

(1) Injector Nozzle Nut Applicable Injector Model

Injector Part Number	Injector Part Number	Injector Part Number	Injector Part Number
0445110002	0445110011	0445110014	0445110019
0445110021	0445110054	0445110069	/

(2) Injector Nozzle Nut Application Information

Brand	Car Model	Engine Model	OE Part Number
ALFA ROMEO	145 1.9 JTD	AR 32302	95400103
MERCEDES-BENZ	108 CDI Vito	OM 611.980	611 070 05 87
MERCEDES-BENZ	A 160 CDI	OM 668.941	668 070 02 87
FIAT	Palio Weekend 1.9 JTD	188 A2.000	55189276
VAUXHALL	Movano 1.9 DTI	F9Q-772	93183595
MERCEDES-BENZ	E 200 CDI	OM 646.951	611 070 11 87
MERCEDES-BENZ	208 CDI Sprinter	OM 611.987 D LA	A 611 070 08 87

(3) Injector Nozzle Nut Part Number Common Writing

0445110002,0445110009,0445110010,0445110011,0445110012,0445110014,0445110015,0445110019,
0445110021,0445110022,0445110023,0445110024,0445110025,0445110034,0445110035,0445110045,
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82 00 912 052,74 85 121 807,5 258 744,640 070 12 87,A 640 070 12 87,1112300-40300,V837073240,8
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98 137 22780,ME192736,ME 226718,ME222914,ME 223750,ME223002,ME 225416,ME225416,ME194299,
ME 194299,ME 227600,ME225190,ME193983,ME 193983,0986AM0065,32G6100010

1.3. **F00VC14012** Injector Nozzle Nut Parameter

Applicable System: Common Rail System

Injector Nozzle Nut Series: 120 /110 Series

Injector Nozzle Nut Type: Electromagnetic Type

Injector Nozzle Nut Dimensions: 18.8×35×M17*0.75

1.4. **F00VC14012** Injector Nozzle Nut Specifications and Dimensions Parameter

Injector Nozzle Nut Size: 6*5*5cm

Single Injector Nozzle Nut Weight: 25g

Injector Nozzle Nut Weight Per Box: 300g

Injector Nozzle Nut Quality: China Made New

Injector Nozzle Nut Package Size: 16cm* 10cm *6cm

Injector Nozzle Nut Type: High Pressure Common Rail Injector Nozzle Nut

Injector Nozzle Nut MOQ: 1pcs

1.5. **F00VC14012** Injector Nozzle Nut Quality Control

(1) Injector Nozzle Nut Testing

All parts of the injector nozzle nut have undergone electrical characteristics testing, precision testing, high temperature testing, low temperature testing, withstand pressure testing, leakage testing, durability testing, and various working conditions testing.

(2) Injector Nozzle Nut Installation

In addition, the injector nozzle nut production and installation process is quality controlled. Our company strictly follows the standard product installation data and product installation steps for installation, such as injector nozzle nut stroke test, injector nozzle nut solenoid valve tightening torque, injector nozzle nut nozzle tightening torque.

(3) Injector Nozzle Nut Inspection

The factory inspection of the injector nozzle nut has undergone three inspections: full inspection, random inspection, and batch inspection. Different brands of test benches are used to test the same injector nozzle nut for a total of no less than three times for factory inspection, and the fuel injector nozzle nut installation testing environment are progressed in dust-free workshop.

1.6. F00VC14012 Injector Nozzle Nut Customized Service

(1) Injector Nozzle Nut Customized Service Coverage: Meet OEM manufacturers' customization needs for shell engraving, logo engraving, injector nozzle nut internal packaging, injector nozzle nut external packaging and labels, etc.



(2) Injector Nozzle Nut Customized Service Requirements:

The purchase of customized **injector nozzle nut** is no less than **10 pieces**.

The purchase of customized **injector nozzle nut boxes** is no less than **1000 pieces**.

⚠ When the Customized products involve the need of specify logo, the OEM manufacturer is asked to provide trademark authorization and the sample of logo image file.

⚠ Once the customized injector nozzle nut is sold, it can't be returned or exchanged if there is no quality problems.

1.7. F00VC14012 Injector Nozzle Nut Packing List & Size

(1) Injector Nozzle Nut Spare Parts List

No.	1	2	3
Image			
Name	Injector Nozzle Nut	Injector Nozzle Nut Height	Injector Nozzle Nut Outer Diameter
Description	Part number F00VC14012	Height: 35mm	Outer diameter: 18.8mm
No.	4		

Image			/
Name	Injector Nozzle Nut Inside Diameter	Injector Nozzle Nut Lining	/
Description	Inside Diameter M17*0.75	Prevent Bumping Damage to The Nozzle Nut	/

▲ Minors are prohibited from using the injector nozzle nut assembly, O-ring, nozzle protective cover, injector nozzle nut shell protective cover, oil return protective cover, VCI anti-rust bag, and bubble bag to avoid personal injury.

▲ O-rings and nozzle washer shim are disposable installation accessories and need to be replaced when installed again.

▲ The nozzle protective cover, injector nozzle nut shell protective cover, and oil return protective cover are recyclable accessories and can be reused.

▲ VCI anti-rust bags and bubble bags are non-degradable materials, please dispose of them properly after using.

▲ The injector nozzle nut and the installation part duct must be treated with appropriate sealing oil during installation.

(2) Injector Nozzle Nut Packing Size



No.	Name	Injector Nozzle Nut Packing Size (cm)
1	Injector Nozzle Nut Box	16*10*6

1.8. F00VC14012 Injector Nozzle Nut Testing Standard and Certificate

Shumatt can provide the factory quality inspection test report of each injector nozzle nut to ensure that each injector nozzle nut delivered meets the engine performance indicators.

BOTEN		测试报告		4.05.2019 10:42:09	
企业名称: _____ 电话: _____ 地址: _____ 传真: _____ 检测人: _____ 客户地址: _____ 送检单位: _____ 邮编: _____ 客户姓名: _____ 检测日期: _____ 检测名称: _____ 送检零件号: _____ 检测内容: _____					
检测结果					
送检零件号: C081002-6511 检测项目: 喷油嘴检测 检测结果: 合格 检测日期: 4.05.2019 检测地点: 深圳					
LOGAR TEST:	38	4	6.5	20.0 ± 0.5	✓
Back:	38	4	15.0	20.0 ± 0.5	✓
WARM:	38	4.0 ± 0.5	0.0	20.0 ± 0.5	✗
Mass:	231.5	218.5 ± 14.4	0.0	20.0 ± 0.5	✓
TL:	28.4	24.0 ± 0.5	0.0	20.0 ± 0.5	✓
EL:	14.1	15.0 ± 0.8	0.0	20.0 ± 0.5	✓
VE:	4.7	4.0 ± 0.6	0.0	20.0 ± 0.5	✓

1.9. F00VC14012 Injector Nozzle Nut Warranty Instructions

(1) Product Warranty Conditions And Instructions

It is necessary to provide evidences include pictures, videos, or test reports which tested by the injector nozzle nut inspection equipment, and so on, to feed back to the salesman when the injector nozzle nut is abnormal during using.

The abnormal conditions are properly explained such as : 1.Smoke, 2. Engine shake, 3. Difficulty starting the engine, 4. Engine noise, 5. Oil leakage etc.

(2) Injector Nozzle Nut Warranty Coverage

① After customer receives the **F00VC14012** injector nozzle nut within 15 days , if there is a performance failure and the product has no damage on surface, customer can choose to replace it or repair it;

② If the **F00VC14012** injector nozzle nut has performance problems during the warranty period (3 months), and it is confirmed to be product's problems after being tested, you can contact our salesmen to replace the same model or a reworked product with the same performance for free;

③ If the injector nozzle nut shell has obvious scratches, it can only be repaired and it will be returned as it is if the product is confirmed to be fault-free.

▲ **Tips:** For products not covered by warranty, Shumatt can provide paid maintenance services. For products after paid repaired, the same performance problem will have a free warranty period within 3 months from the date of repairing.

(3) Injector Nozzle Nut Is Not Covered By Warranty

① The warranty period has expired.

- ② Injector nozzle nut failure caused by high temperature, high pressure, humidity, rain and snow, saline-alkali land, earthquake, and used in abnormal environment.
- ③ Customer disassembles or repairs the injector nozzle nut personally resulting in damage to the injector nozzle nut.
- ④ Injector nozzle nut damage caused by man-made reasons (throwing, strong magnetic field magnetization, set fire).
- ⑤ Injector nozzle nut failure or injector nozzle nut damage caused by non-injector nozzle nut design, technology, manufacturing, quality and other issues.
- ⑥ Injector nozzle nut failure due to system pressure exceeding system approved pressure.
- ⑦ Injector nozzle nut failure caused by system voltage exceeding approved voltage.
- ⑧ Injector nozzle nut failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.
- ⑨ Injector nozzle nut failure caused by not installing according to the tightening torque specified in the vehicle engine maintenance manual (the tightening torque is too large or too small).
- ⑩ Injector nozzle nut failure caused by not following the installation angle specified in the vehicle engine maintenance manual.
- ⑪ Injector nozzle nut failure caused by not following the cleaning requirements specified in the vehicle engine maintenance manual.
- ⑫ Injector nozzle nut failure caused by failure to replace consumable parts as specified in the vehicle engine maintenance manual.
- ⑬ Injector nozzle nut failure caused by not complying with the intake system fit clearance and exhaust system fit clearance requirements specified in the vehicle engine maintenance manual.
- ⑭ Failure to replace the consumable parts and the fitting clearance of the oil inlet system pipeline and the injector nozzle nut connection in accordance with the fuel intake system specified in the vehicle engine maintenance manual.

1.10. F00VC14012 Injector Nozzle Nut Manufacturer

Injector Nozzle Nut Manufacturer: Shenzhen Shumatt Technology Co., Ltd

2. F00VC14012 Injector Nozzle Nut Technical Support

2.1.F00VC14012 Injector Nozzle Nut Utilized Location

E.g.: See the injector nozzle nut utilized location as follow

No.	Name
A	Injector Nozzle Nut

**2.2. F00VC14012 Injector Nozzle Nut Installation****(1) F00VC14012 Injector Nozzle Nut Installation Precautions:**

- ⚠ The replacement of the injector nozzle nut must strictly follow the electrical system, the approved pressure of the low-pressure fuel intake system, the approved pressure of the high-pressure fuel circuit system, and fuel system replacement consumables requirements (including the low-pressure fuel circuit system filter and the high-pressure fuel circuit) specified in the vehicle engine maintenance manual.
- ⚠ Replacement of wearing parts of the fuel system, cleaning requirements for the connection between the fuel system and the injector nozzle nut, the fitting clearance of the injector nozzle nut connection, the installation angle and tightening torque of the injector nozzle nut, the fitting clearance of the intake system, and the fitting clearance of the exhaust system to ensure the service life of the engine and the normal operation of the injector nozzle nut.
- ⚠ When installing the injector nozzle nut on the engine, it is necessary to clean the engine block, cylinder head and other parts connected to the injector nozzle nut, and ensure that there is no dust, carbon deposits, water, rust spots, etc.
- ⚠ Before installing, check whether the injector nozzle nut washer shim has been replaced and installed on the injector nozzle nut.
- ⚠ When installing the injector nozzle nut, apply lubricant between the injector nozzle nut, fuel nozzle sealing washer shim and O-ring.
- ⚠ Without replacing new washer shim can lead to: deformation of the tight cap of nozzle, deformation of

nozzle, deformation of nozzle orifice, oil leakage and air leakage, which will cause serious damage to the injector nozzle nut and nozzle to break and cause damage to the engine.

⚠ When installing the injector nozzle nut on the engine, please carefully check the components related to the installation of the injector nozzle nut, such as the injector nozzle nut pressure plate, screw, injector nozzle nut rod and other accessories are not deformed, and install it in strict accordance with the operation steps of the engine maintenance manual.

⚠ It is forbidden to operate the bare injector nozzle nut for a long time in an environment with serious dust pollution and corrosion to iron products.

⚠ It is forbidden to operate the bare injector nozzle nut for a long time in a strong magnetic field environment.

(2) Injector Nozzle Nut Tightening Torque

When installing the injector nozzle nut, the torque wrench and tightening torque data requirement must follow the injector maintenance manual. (50Nm) .



⚠ The nozzle nut tightening torque must be installed according to the tightening torque specified in the injector maintenance manual.

2.3. Reasons of F00VC14012 Injector Nozzle Nut Not Working Normally

- (1) There is air in the oil circuit of the engine fuel system.
- (2) Vehicle injector nozzle nut oil supply system is not normal.
- (3) Engine common rail system oil leakage or pressure limiting valve damage.
- (4) There is a short circuit, cutting out and poor contact in the wiring harness connected to the injector nozzle nut of the vehicle.
- (5) The long-term placement of the injector nozzle nut causes the anti-rust oil to solidify, and the internal components are stuck or the oil holes are blocked.

⚠ Before installing, carefully check whether other components in the common rail system are damaged so as to prevent the injector nozzle nut from not working properly after being replaced.

2.4. Causes of F00VC14012 Injector Nozzle Nut Being Damaged

- (1) Fail to operate properly according to engine maintenance manual during disassembly or installation resulting in damage to the injector nozzle nut .
- (2) The fuel oil used for the vehicle does not meet the standard cause damage to the injector nozzle nut, such as: the water content in the fuel oil exceeds the standard, iron powder, aluminum powder, sulfide impurities exceed the standard, etc.

- (3) The engine is not regularly maintained according to the engine maintenance manual (please refer to the vehicle maintenance manual for the maintenance mileage). For example, failure to replace the lubricating oil of the engine system for a long time will cause abnormal wear of the engine, excessive exhaust gas volume or a large amount of carbon deposits inside the engine. The filter is not replaced during maintenance or the replaced filter cannot reach the original filter standard. all above reasons can cause damage to the injector nozzle nut.
- (4) The abrasion of the oil pump produces iron powder and aluminum powder enter the injector nozzle nut and cause damage to the injector nozzle nut.
- (5) The deformation and abrasion of fuel tank result in iron powder or aluminum powder entering the injector nozzle nut and causing damage to it.
- (6) The injector nozzle nut is damaged due to replacement or adjustment of the relevant parts of the injector nozzle nut. For example, the valve clearance does not meet the standard after the engine is repaired, the replacement or modification of the wiring harness connected to the injector nozzle nut fails to meet the original standard.
- (7) The engine is overheated and overloaded for a long time working results in damage to the injector nozzle nut.
- (8) The injector nozzle nut will be damaged naturally at the end of its working life.
- (9) The injector nozzle nut is magnetized (injector nozzle nut parts' magnetic exceeded) causing the injector nozzle nut to not work properly.

▲ Before replacing the injector nozzle nut, please check the engine parts carefully according to the engine maintenance manual to avoid the injector nozzle nut being damaged again after replacement.

2.5. F00VC14012 Injector Nozzle Nut Technical Support Obtaining Methods

(1) Injector nozzle nut technical data: visit <http://shumatt.com> to get the technical data.

(2) Injector nozzle nut technical videos:

Facebook: Visit <https://www.facebook.com/hison.li> to get the technical videos, constantly follow can get more information.

YouTube : https://www.youtube.com/channel/UCByvYBx7VjV_mAfxh_Hu-aw to get the technical videos, constantly follow can get more information.

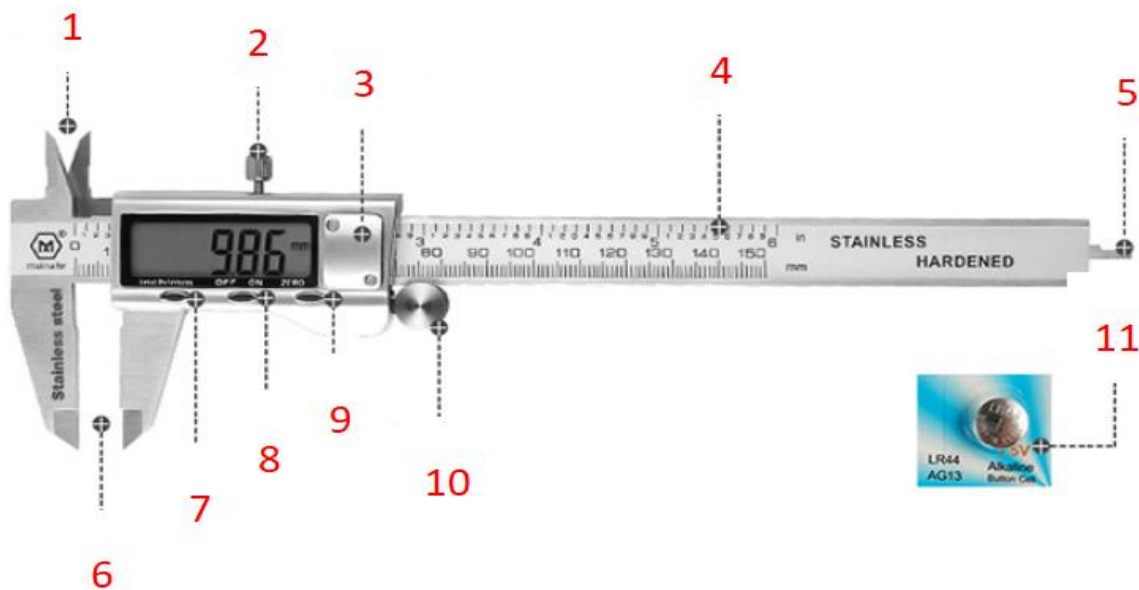
Shumatt: Visit <http://shumatt.com> to obtain the technical videos.

(3) Injector nozzle nut Information query software

TruckBook Parts EPC APP, download and install on Android/Apple App Store , visit <http://shumatt.com> to get the download and installation tutorial

(4) Search the Injector nozzle nut test data through TruckBook Parts EPC APP.

2.6. F00VC14012 Injector Nozzle Nut Measurement Tool



1. Inner diameter measuring claw	7. inch/mm metric and inch conversion button
2. Limit screw	8. OFF/ON power button
3. Battery installation place	9. ZERO button
4. Ruler body	10. Push roller
5. depth measurement	11. Button battery
6. depth measurement	/

2.7. F00VC14012 Injector Nozzle Nut Measurement Steps

	
Picture 1 Caliper: CRT085	Picture 2 Caliper: CRT085
Step 1 : Choose caliper : CRT085 (Shown in Picture 1)	Step 2: First open the caliper (OFF/ON), then return the display (ZERO) to zero (as shown in Picture 2) ▲The caliper must be adjusted to zero before measuring.

	
Picture 3 Step 3 : Measure the height of the F00VC14012 nozzle nut and place it at the position shown in the picture (Shown in Picture 3) ▲ The value must be return to 0 before measuring, then the measured value is correct based on the nozzle nut is tightened by the caliper. Do not place it tilted.	Picture 4 Step 4 : Measure the outer diameter of the F00VC14012 nozzle nut and place it at the position shown in the Picture (Shown in Picture 5) ▲ The value must be return to 0 before measuring, then the measured value is correct based on the nozzle nut is tightened by the caliper. Do not place it tilted.
	
Picture 5 Step 5 : Measure the inner diameter of the F00VC14012 nozzle nut and place it at the position shown in the Picture (Shown in Picture 5) ▲ The value must be return to 0 before measuring, then the measured value is correct based on the nozzle nut is tightened by the caliper. Do not place it tilted.	Picture 6 Step 6 : Measure the hexagonal edge-to-edge diameter of the F00VC14012 nozzle nut and place it at the position shown in the Picture (Shown in Picture 6) ▲ The value must be return to 0 before measuring, then the measured value is correct based on the nozzle nut is tightened by the caliper. Do not place it tilted.

3. F00VC14012 Injector Nozzle Nut Purchase and Delivery

3.1. F00VC14012 Injector Nozzle Nut Purchase Payment Term

Payment Terms: T/T, PayPal, Alipay, WeChat

Please contact our salesmen for specific payment information.

3.2. F00VC14012 Injector Nozzle Nut Main Sales Markets

Injector nozzle nut main sales markets: Asia, Europe, North America, South America, Africa etc.

3.3. F00VC14012 Injector Nozzle Nut Declaration Requirements

Shumatt can assist customers to provide the following documents for import customs clearance: contract, invoice, packing list, bill of lading, insurance policy, certificate of origin, etc.

3.4. F00VC14012 Injector Nozzle Nut Shipping Ways

Destination in China areas: SF Express, Debon Express, the corresponding logistics company can be provided according to customer requirements in special cases.

Destinations out of China's areas: DHL, UPS, FedEx, TNT air, ocean or other shipping methods required by customers.

3.5. F00VC14012 Injector Nozzle Nut Lead time

Lead time: Send out within 3 – 7 working days after receiving payment (Except for special products and special cases) .

3.6. F00VC14012 Injector Nozzle Nut Logistics Time for Destination Out of China's Areas

DHL Logistics Time :

Country or Region of Departure	Hong Kong, China	Other Countries or Regions of Asia	Australia and New Zealand	Europe	America	Other Countries
China's Mainland	7 Days	7 Days	8 Days	8 Days	8-12 Days	7-10 Days

UPS Logistics Time: Country or Region of Departure: China's Mainland

Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time
Japan	3 Days	UK	5-7Days	Egypt	5-7 Days
Turkey	5-7 Days	Singapore	3 Days	Switzerland	5-7 Days
Bahrain	5-7 Days	Latvia	7-10 Days	New Zealand	7-10 Days
Sri Lanka	5-7 Days	Thailand	3 Days	Austria	5-7 Days
Romania	5-7 Days	Vietnam	3-5 Days	Estonia	5-7 Days
Malaysia	3-5 Days	Israel	5-7 Days	Mexico	7-10 Days
France	5-7 Days	America	5-7 Days	United Arab Emirates	5-7 Days
Italy	5-7 Days	Netherlands	5-7 Days	Bengal	7-10 Days
Lebanon	5-7 Days	Philippine	3-5 Days	Greece	7-10 Days
South Korea	3 Days	Spain	5-7 Days	Myanmar	5-7 Days
Canada	5-7 Days	Germany	5-7 Days	Saudi Arabia	7-10 Days
Portugal	5-7 Days	Australia	5-7 Days	South Africa	7-10 Days
Denmark	5-7 Days	Belgium	5-7 Days	Ukraine	7-10 Days
India	7-10 Days	Qatar	7-10 Days	Poland	5-7 Days
Indonesia	3-5 Days	Morocco	7-10 Days	Pakistan	7-10 Days
Kuwait	7-10 Days				

▲ The logistics time is for reference only , subjects are according to the actual arrival.

3.7. F00VC14012 Injector Nozzle Nut Injection Packing

Domestic express packaging: Usually wrapped in waterproof scotch tape, such as picture No.2.

International express packaging : Wrapped with waterproof yellow tape after wrapping the black protective film, such as picture No. 3.

Pallet Shipping : Use fumigation free and recycling trays that meet export requirements, and use white wrapping protective film to wrap and bind with cable ties for the outside, such as picture No. 4, also, the products can be packaged according to customers' requirements.

- ▲ The packing tray is made of plastic and can be recycled.
- ▲ Transparent tape, yellow tape, black wrapping protective film, white wrapping protective film are non-degradable materials, please dispose of them properly.
- ▲ Minors are prohibited from using transparent tape, yellow tape, black wrapping protective film, and white wrapping protective film to avoid personal injury.



Pic No. 2

Domestic Express Packaging:
Wrapped with Transparent tape



Pic No. 3

International Express Packaging:
Wrapped with yellow tape after wrapping black protective film



Pic No. 4

Pallet Shipping: Use pallet that meet export requirements, and use white wrapping protective film to wrap and bind with cable ties

4. F00VC14012 Injector Nozzle Nut Storage Standard

(1) Choose a Suitable Storage Place

The warehouse and cargo yard where the injector nozzle nuts are stored should be kept clean and dry, and away from the factory buildings that generate harmful gases and dust; do not mix with acid, alkali, salt and other substances; the storage place should have a good drainage system; the cargo yard should be flattened with gravel or furnace ash etc. to enhance the water permeability of the surface layer to keep the reservoir area dry.

(2) Strict Requirements of Warehousing

Strict inspections should be carried out when the injector nozzle nuts are put into storage, the surface cleaning work should be done well to remove water traces, oil stains, ash and other dirt, remove the rust and do anti-rust treatment in time. Packaged injector nozzle nuts must be protected from damage.

(3) Keep The Warehouse Dry And Preventing Moisture

The relative humidity is usually below 70% for the injector nozzle nuts placed in the room, and the corrosion of the injector nozzle nuts is significantly reduced.

Injector nozzle nuts must be stored in the warehouse, and they are forbidden to store in the same warehouse with commodities with high water content.

(4) Stack Properly

After the injector nozzle nut is exposed in rain, the corrosion rate will increase significantly. The purpose of sealing is to isolate the injector nozzle nut from rainwater and humid air, so the warehouse window should be checked in time to avoid rainwater entering the warehouse

If the injector nozzle nut package is damaged, it should be repaired or replaced; when the package is damp, the packaging material should be dried; if the original anti-corrosion and oil applied at the factory is found to be damaged or dried up, it should be cleaned and re-applied oil in time.

- ▲ It is forbidden to leave the injector nozzle nut exposed in the air for a long time.
- ▲ It is forbidden to store acid, alkali, salt and other substances together with the injector nozzle nut.
- ▲ The unpacked injector nozzle nut must be rust-proof during secondary storage.

5. Company Information



5.1. Company Introduction**Chinese Name:** 深圳市舒马特科技有限公司**English Name:** Shenzhen Shumatt Technology Co., Ltd **Mob Phone/WeChat:** +86-13410541523 **HK Telephone:** +852-67653519 **Telephone:** +86-755-23215133 **Email:** ruby@shumatt.com **Website:** www.shumatt.com **Shenzhen Office:** 11-12, Floor 14, Building 13, Qinchengda Building, Exit A, Honglang North Subway Station, Bao'an District, Shenzhen, China Mainland **Shenzhen Office:** Exit C, Qiao Touxu Metro Station, NO. 66 Chongqing Road, Fuhai Avenue, Bao'an District, Shenzhen, China Mainland **Hong Kong Office:** Jianfa Street Industrial Zone, Tuen Mun, New Territories, Hong Kong, China **After-sales Service Address:** Please contact our salesmen to obtain and provide the corresponding product maintenance reasons (Reference: [1.9. F00VC14012 Injector Nozzle Nut Warranty Instructions](#))**5.2. Sale-men Contact Information**

No.	Name	WeChat/Whatsapp	Email
1	Ruby	+86-13410541523	ruby@shumatt.com
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3	Rebecca	+86-18025349821	sales01@shumatt.com
4	Janny	+86-18028749821	sales02@shumatt.com
5	Sam	+86-13316859821	Sales8@shumatt.com
6	Natalie	+86-18938945856	sales15@shumatt.com
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9	Mecca	+86-18938948618	sales11@shumatt.com
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Visit <http://shumatt.com> to obtain the latest information of Sales-men**Tips:** The emails of Shumatt sales-men all end with **@shumatt.com**

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