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ISO14001
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Manufactured by
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17 YEARS
2007-2024



AZRA®
HYGIENIC COMPONENTS

Making Life Better
让生活更美好




YeeYe
Hardware
SINCE 2007

www.china-yiye.com





HYGIENIC DESIGN

series



3-A certificate



DESIGN PRINCIPLES

EHEDG - European Hygienic Engineering & Design Group
Non-profit European consortium of machine and food manufacturers as well their suppliers, research institutes, universities and government health agencies.

3-A Sanitary Standard, Inc.

Non-profit and independent association in the USA - three interest groups: public and governmental health agencies, machine and food manufacturers.

DESIGN REQUIREMENTS

MATERIAL

- Non-rusting Stainless Steels.
- FDA and EU compliant plastics and elastomers.

SURFACES

- Surfaces must be able to be cleaned.
- Steps due to appliance configurations which are not aligned must be avoided.
- Seals must be designed so that no gaps occur.
- O-ring grooves must be hygienically designed.
- Contact with the product to be manufactured must be ruled out.
- Corners should preferably have a radius of 6 mm or more.

DESIGN / GEOMETRY

The interior and exterior areas of all appliances, components or piping must be self-draining or be able to be drained and easy to clean.

SURFACE PROPERTIES AND ROUGHNESS

Easy to clean with $Ra < 0.8 \mu m$.

设计原则

EHEDG-欧洲卫生工程与设计集团

欧洲非营利机器和食品制造联盟以及他们的供应商、研究机构、大学和政府卫生机构。

3-A卫生标准股份有限公司

美国的非营利和独立协会——三个利益组：公共和政府卫生机构，机器和食品制造商。

设计要求

材料

- 防锈不锈钢。
- 符合美国食品药品监督管理局和欧盟标准的塑料和弹性体表面。
- 表面必须能够清洁。
- 由于设备配置未对齐而导致的步骤必须避免。
- 密封件的设计必须确保没有间隙。
- O型圈槽的设计必须卫生。
- 必须排除与待制造产品的接触。
- 拐角应好具有6mm或更大的半径。

设计/构造

所有电器、组件的内部和外部区域或管道必须自排水或能够排水易于清洁。

表面特性和粗糙度

易于清洁，表面光洁度 $Ra < 0.8 \mu m$ (微米)。



Hygienic Cable Gland 防尘防水卫生线缆接头

St. Steel SS316 不锈钢

Tolerance 公差要求 $\leq 0.08\text{mm}$



卫生防护 Hygienic protection
食品级表面 Food grade
耐腐蚀 Corrosion resistance
冲击防护 Impact protection
电磁兼容性 EMC protection
防水 Water proof
防尘 Dust proof



strict standards

SUS316

easy to clean
corrosion resistant
stable functionality
smooth and even surfaces



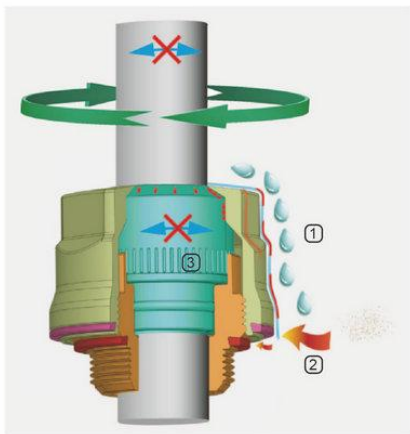
The Hygienic cable gland is suitable for use in all areas in which the adherence of microorganisms and dirt must be prevented, for example in the pharmaceutical, food and chemical industries as well as in biotechnology and clean room technology.

卫生线缆接头适用于对其中微生物和污垢的粘附必须防止的所有区域，例如在药物、食品和化学工业以及生物技术和洁净室技术。



ADVANTAGES 优势

- ① Curved surface design, rounded corners, no sharp angles, be able to be drained and easy to clean.
Contaminants must not accumulate and must be easy to remove.
弧面、圆角、无锐角设计，便于排水且易清洁。
污染物不易积聚，且易于清除。
- ② Double sealing ring design ensures the isolation of dust and water from the outside.
双道密封圈设计，确保将灰尘和水隔离在外。
- ③ The elastomers designed with gear teeth does not rotate along with the cable during gland installation, protecting the cable.
At the same time, the elastomers tightly clamps the cable to prevent cable movement and the intrusion of dust and water.
插齿设计的弹性体在接头安装时，线缆不会跟着旋转，保护了线缆。
同时弹性体将线缆抱箍紧密，防止线缆抽动及灰尘和水侵入。



YIYE HARDWARE
Precision-Maker

Hygienic Cable Gland
防尘防水卫生线缆接头
St. Steel SS316 不锈钢
Tolerance 公差要求 $\leq 0.08\text{mm}$

strict standards
SUS316
easy to clean
corrosion resistant
stable functionality
smooth and even surfaces



食品级表面
Food grade



卫生防护
Hygienic protection



防水
Water proof



防尘
Dust proof



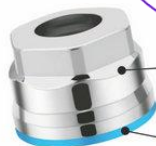
电磁兼容性
EMC protection



冲击防护
Impact protection



耐腐蚀
耐酸碱
Chemical resistance



Technical Data

Housings CG

- Stainless Steel SUS316 / 1.4404
- 0Cr17Ni12Mo2
- Roughness < Ra0.8
- FDA compliant

Sealing ring of housing

- H-NBR
- Temperature resistant - 25°C to 150°C
- blue
- Hardness 85 + 5 Shore A
- FDA compliant

Insert for cable

- BASF TPU(Elastollan 1180A10)
- Temperature resistant - 40°C to 90°C
- blue
- Hardness 75 + 5 Shore A
- FDA compliant

Internal Pin CG

- Stainless Steel SUS316 / 1.4404
- 0Cr17Ni12Mo2
- Roughness < Ra0.8
- FDA compliant

Sealing ring of pin

- H-NBR
- Temperature resistant - 25°C to 150°C
- blue
- Hardness 85 + 5 Shore A
- FDA compliant

技术数据

外壳

- 不锈钢 SUS316 / 1.4404
- 0Cr17Ni12Mo2
- 表面粗糙度 < Ra0.8
- 符合FDA标准

外壳密封胶圈

- 氯化丁腈橡胶
- 耐温 - 25°C to 150°C
- 蓝色
- 硬度 85 + 5 Shore A
- 符合FDA标准

弹性柱体-巴斯夫

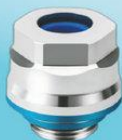
- 热塑性聚氨酯弹性体(聚醚)
- 耐温 - 40°C to 90°C
- 蓝色
- 硬度 75 + 5 Shore A
- 符合FDA标准

插齿螺丝

- 不锈钢 SUS316 / 1.4404
- 0Cr17Ni12Mo2
- 表面粗糙度 < Ra0.8
- 符合FDA标准

插齿密封胶圈

- 氯化丁腈橡胶蓝色
- 耐温 - 25°C to 150°C
- 蓝色
- 硬度 85 + 5 Shore A
- 符合FDA标准



YIVE HARDWARE
Precision-Maker



Type 产品类型



Standard type
标准型



Narrow type
狭窄型



EMC type
电磁兼容型

*Standard type is used on ordinary products.

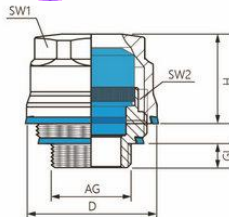
*Narrow type is used on products with small installation positions.

*EMC type is used on products that require electromagnetic compatibility.

Specification 规格尺寸

Thread 螺纹规格	Cable Range(mm) 适配线缆外径	Cover size D(mm) 接头外径	H(mm) 接头高度	GL(mm) 安装深度	Spanner size(mm) 适用扳手
M12x1.5	5-6.5	21	19	6 ●	14
				7(EMC) ●	
M16x1.5	6-7.5	27	20	6 ●	19/21
				7(EMC) ●	
	7.5-10	27	20	6 ●	
				7(EMC) ●	
M20x1.5	9-11	33	22.5	6 ●	24/27
				7(EMC) ●	
	11-13	33	22.5	6 ●	
				7(EMC) ●	
M25x1.5	14-16	38	23.5	7 ●	30
				7(EMC) ●	
	15-18	38	23.5	7 ●	
				7(EMC) ●	
M32x1.5	18-21	45	26.5	8 ●	36
				8(EMC) ●	
	21-25	45	26.5	8 ●	
				8(EMC) ●	

Remark: ● Customizable ; ●● In Store
EMC: Electromagnetic Compatibility



光洁度 Ra0.8	Roughness Ra0.8
盐雾测试 Salt Spray Test	>96 hours

Hygienic Design Latch 卫生设计转舌锁

St. Steel SS316 & SS304不锈钢
Tolerance 公差要求 ≤0.25mm



strict standards
easy to clean
corrosion resistant
stable functionality
smooth and even surfaces



- Latch tongue
SS304/1.4301
- Hex flange bolt DIN9621 M6
SS304/1.4301
- Counter nut PG16
SS304/1.4301
- Sealing for housing
NBR blue
- Latch house
SS316/1.4404 or SS304/1.4301
- Sealing for pin
NBR blue
- Latch pin
SS316/1.4404 or SS304/1.4301

Different Pin Head



17
2007-2024
YEARS



YIYE HARDWARE
Precision-Maker



Hex Flange Bolt DIN9621 M6
•Stainless Steel SUS304 / 1.4301
0Cr18Ni9

Counter Nut
•Stainless Steel SUS304 / 1.4301
0Cr18Ni9

Outer Sealing ring of Housing
•H-NBR, blue

Latch Pin
•Stainless Steel SUS304 / 1.4301
0Cr18Ni9

Latch Housing
•Stainless Steel SUS304 / 1.4301
0Cr18Ni9

Latch Tongue
•Stainless Steel SUS304 / 1.4301
0Cr18Ni9

Sealing O ring of Pin
•VMQ, blue

Inner Sealing ring of Housing
•VMQ, blue



Different Pin Head



SLX28
Cam Latch



卫生防护
Hygienic
protection



食品级表面
Food
grade



耐腐蚀
Corrosion
resistance



冲击防护
Impact
protection



防水
Water
proof



防尘
Dust
proof



YIYE HARDWARE
Precision-Maker



Usage 使用

Easy to clean 易清洁
Durable 耐用
Silent 静音

During use, it will not sway slightly, because the two sealing rings fix the pin and housing from the top and bottom.

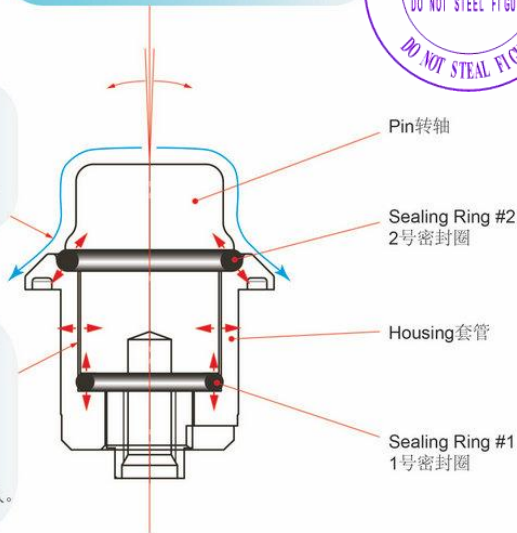
两密封圈从上下两端将转轴固定，并与轴套结合严密，保证使用中转轴不会前后左右轻微摆动。



Curved surface design, rounded corners, no sharp angles, be able to be drained and easy to clean. Contaminants must not accumulate and must be easy to remove.
弧面、圆角、无锐角设计，便于排水且易清洁。污染物不易积聚，且易于清除。

No touch between Pin and housing due to the two sealing rings, so there only very small wear for pin and housing. There is no sound during use, and the lifespan is extended.

两个密封圈将转轴和套管分隔，之间没有直接接触，使用中仅有轻微的损伤。使用时声音轻微，使用寿命比直接接触将更长久。



SLX28
Cam Latch



卫生防护
Hygienic protection



食品级表面
Food grade



耐腐蚀
Corrosion resistance



冲击防护
Impact protection



防水
Water proof



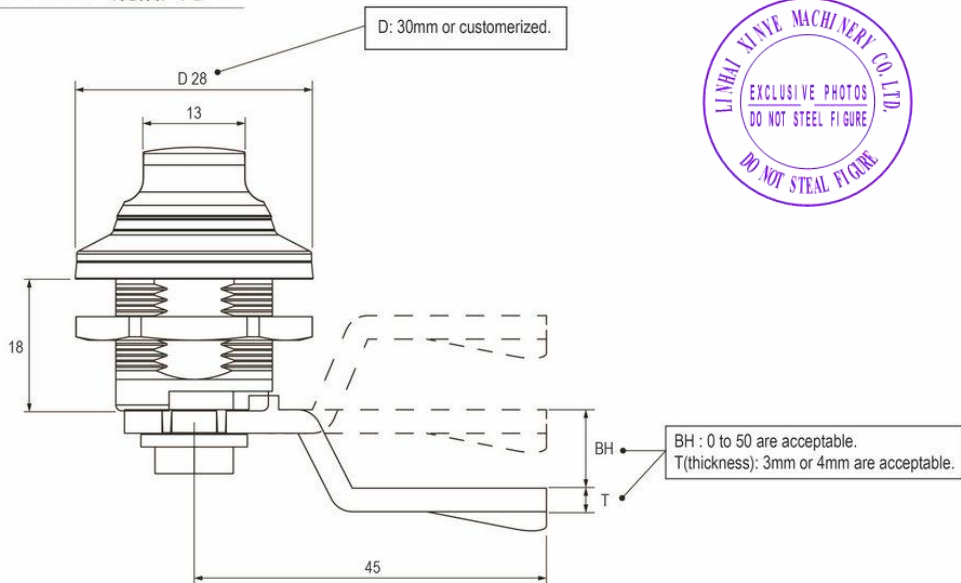
防尘
Dust proof



YIYE HARDWARE
Precision-Maker



Specification 规格尺寸



SLX28
Cam Latch



卫生防护
Hygienic protection



食品级表面
Food grade



耐腐蚀
Corrosion resistance



冲击防护
Impact protection



防水
Water proof



防尘
Dust proof



YIYE HARDWARE
Precision-Maker





Preferred materials Special Hygienic design

IP67

Contaminatin rolls off 污染物滚落
Waterproof breathable 防水透气
Quickly balance the pressure 快速平衡压力差

The main purpose of the breather drains is to quickly balance the pressure difference between the inside and outside of the hygienic equipment, prevent water and dust from entering the interior of the hygienic equipment, and ensure the normal operation of the hygienic equipment.

The application fields of breather drains are very wide, including but not limited to hygienic fields lighting fixtures, communication equipment, circuit control systems, motors, and new energy fields.

The Hygienic Hexagon Nut is suitable for use in all areas in which the adherence of microorganisms and dirt must be prevented, for example in the pharmaceutical, food and chemical industries as well as in biotechnology and clean room technology.

The Hexagon Head Nut with Collar for Hygienic USIT® Seal and Shim Washers is Ideal for Fastening in Sterile Areas

卫生呼吸阀的主要用途是快速平衡卫生设备的里外压力差，防止水、灰尘进入到设备内部，以确保卫生设备的正常工作。

卫生透气阀的使用领域非常广泛，包括但不限于卫生领域的照明灯具、通信器材、电路控制系统、电机以及新能源领域等。

卫生六角螺母适用于对其中微生物和污垢的粘附必须防止的所有区域，例如在药物、食品和化学工业以及生物技术和洁净室技术。

卫生级 USIT® 密封和垫片用的带锁六角头螺母非常适合在无菌区域内紧固。

Nothing adheres

Average surface finish $Ra < 0.8 \mu m$

表面光洁度 $Ra < 0.8 \mu m$



sealing beading for 100% hygienic flat
seal with only 0.1mm tolerance to screw shaft

100% 卫生的密封圈

平面密封与螺纹轴的公差仅为 0.1mm



BR001 卫生呼吸阀
Hygienic Breather Drain



YIYE HARDWARE
Precision-Maker





PROTECTION TESTING



TESTING DATA

- 1 Meter underwater
- 30 Minutes
- No water seepage

检测数据

- 水下1米
- 30分钟
- 无渗水

Testing result under more stringent conditions

- 1 Meter underwater
- 180 Minutes(3 Hours)
- 3 to 4 small water droplets

检测数据

- 水下1米
- 180分钟(3小时)
- 出现小水珠3-4颗

Testing result under more stringent conditions

- 1 Meter underwater
- 1440 Minutes(24 Hours)
- 1 big water droplets & 12+small water droplets

检测数据

- 水下1米
- 1440分钟(24小时)
- 出现大水珠1颗&小水珠12



BR001 卫生呼吸阀
Hygienic Breather Drain

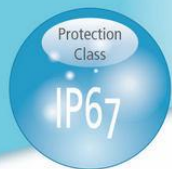


YIYE HARDWARE
Precision-Maker





SPECIFICATION



Specification 规格尺寸



Type# 产品型号	A/P 透气量	Technical Data 产品主要性能
M5*0.8	500 ~ 1000ml/min/cm ² @7Kpa	防爆压力WIP:>12KPA(>1米水深) 防护等级Protection Class: IP67 阻水压差Water blocking pressure: 12 ~ 20Kpa 工作温度Operating temperature: -25℃ ~ 150℃
M6*0.75	500 ~ 1000ml/min/cm ² @7Kpa	
M8*1.0	500 ~ 3500ml/min/cm ² @7Kpa	
M10*1.0	300 ~ 3000ml/min/cm ² @7Kpa	
M12*1.5	500 ~ 3500ml/min/cm ² @7Kpa	



BR001 卫生呼吸阀
Hygienic Breather Drain



YIYE HARDWARE
Precision-Maker



Preferred materials Special Hygienic design



卫生防护
Hygienic protection



食品级表面
Food grade



耐腐蚀
耐酸碱
Chemical resistance



冲击防护
Impact protection



电磁兼容性
EMC protection



防水
Water proof



防尘
Dust proof

Contaminatin rolls off 污染物滚落
Nothing can adhere 没有东西可以粘附
Nothing can germinate 抑制细菌滋生

The Hygienic hexagon screw is suitable for use in all areas in which the adherence of microorganisms and dirt must be prevented, for example in the pharmaceutical, food and chemical industries as well as in biotechnology and clean room technology.

The Hexagon Head Screw with Collar for Hygienic Seal and Shim Washers is Ideal for Fastening in Sterile Areas.

卫生六角螺栓适用于对其中微生物和污垢的粘附必须防止的所有区域，例如在药物、食品和化学工业以及生物技术和洁净室技术。

卫生级密封和垫片用的带颈六角头螺栓非常适合在无菌区域内紧固。

Nothing adheres

Average surface finish $Ra < 0.8 \mu m$

表面光洁度 $Ra < 0.8 \mu m$



sealing beading for 100% hygienic flat seal with only 0.1mm tolerance to screw shaft
100% 卫生的密封圈
平面密封与螺纹轴的公差仅为 0.1mm



S1129 卫生六角螺栓
Hygienic Hexagon Screw

17
2007-2024



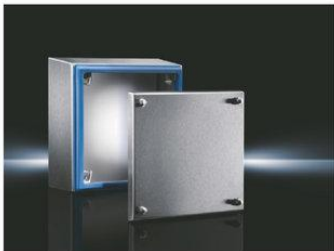
YIYE HARDWARE
Precision-Maker



Hygienic hex head screws have a flanged collar that pairs with the included sealing and shim washers to create hygienic seals that meet EHEDG (European Hygienic Engineering and Design Group) requirements for sanitary and sterile applications. These stainless steel screws have flat heads with polished surfaces that minimize the accumulation of dirt or residues. Choose EPDM (ethylene propylene diene monomer) washers for most CIP/SIP (clean-in-place / sanitize-in-place) applications, or H-NBR (Hydrogenated nitrile rubber) washers for demanding conditions with high temperatures, high-fat compounds, or media containing grease.

卫生型六角头螺栓具有凸缘环，可与随附的密封和垫片垫圈配对，以形成符合 EHEDG（欧洲卫生工程和设计小组）对卫生和无菌应用要求的卫生密封。

这些不锈钢螺栓具有平头和抛光表面，可最大限度地减少污垢或残留物的积聚。对于大多数 CIP/SIP（就地清洗/就地消毒）应用，请选择 EPDM（三元乙丙橡胶）垫圈，对于高温、高脂肪化合物或含有油脂的介质等苛刻条件，请选择 H-NBR（氢化丁腈橡胶）垫圈。



Technical Data

Sealing ring

- H-NBR
 - Temperature resistant -25 °C to +150 °C
- EPDM
 - Temperature resistant -40 °C to +120 °C
- Blue
 - Hardness 85 ±5 Shore A
- FDA compliant

Hexagon screw

- Stainless steel SUS 304 / 1.4301
 - 06Cr19Ni10
- Stainless steel SUS 316 / 1.4404
 - 0Cr17Ni12Mo2
- Polished <Ra0.8
- FDA compliant

技术数据

密封垫圈

- H-NBR 氢化丁腈橡胶
 - 耐温 -25 °C 到 +150 °C
- EPDM 三元乙丙橡胶
 - 耐温 -40 °C 到 +120 °C
- 蓝色
 - 硬度 85 ±5 Shore A
- 符合FDA标准

六角螺栓

- 不锈钢 SUS 304 / 1.4301
 - 06Cr19Ni10
- 不锈钢 SUS 316 / 1.4404
 - 0Cr17Ni12Mo2
- 抛光表面 <Ra0.8
- 符合FDA标准



many choices available

from M4 to M20 or more, oval top head or flat top head, different length, different tooth.



Specification 规格尺寸

	Type	Length Thread	8	10	12	16	20	25	30	35	40	50	55	60	65
	S1129	M4	✓	✓	✓	✓	✓	✓							
		M5		✓		✓	✓	✓	✓						
		M6			✓	✓	✓	✓	✓	✓	✓				
		M8				✓	✓	✓	✓		✓	✓		✓	
		M10					✓	✓	✓		✓	✓		✓	
		M12								✓		✓		✓	
		M14										✓			
		M16											✓		
		M20												✓	✓
	S1130	M4													
		M5					✓	✓							
		M6							✓		✓	✓			
		M8							✓		✓	✓		✓	
		M10									✓	✓		✓	
		M12								✓		✓		✓	
		M14										✓			
		M16											✓		
		M20												✓	✓



N1129 卫生六角螺栓
Hygienic Hexagon Nut



YIYE HARDWARE
Precision-Maker





Contaminatin rolls off 污染物滚落
Nothing can adhere 没有东西可以粘附
Nothing can germinate 抑制细菌滋生

The Hygienic Hexagon Nut is suitable for use in all areas in which the adherence of microorganisms and dirt must be prevented, for example in the pharmaceutical, food and chemical industries as well as in biotechnology and clean room technology.

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卫生六角螺母适用于对其中微生物和污垢的粘附必须防止的所有区域，例如在药物、食品和化学工业以及生物技术和洁净室技术。

卫生级密封和垫片用的带颈六角头螺母非常适合在无菌区域内紧固。



Preferred materials Special Hygienic design



Nothing adheres
Average surface finish $Ra < 0.8\mu m$
表面光洁度 $Ra < 0.8\mu m$



sealing beading for 100% hygienic flat seal with only 0.1mm tolerance to screw shaft
100% 卫生的密封圈
平面密封与螺纹轴的公差仅为 0.1mm



N1129 卫生六角螺母
Hygienic Hexagon Nut



YIYE HARDWARE
Precision-Maker





Hygienic hex head screws have a flanged collar that pairs with the included sealing and shim washers to create hygienic seals that meet EHEDG (European Hygienic Engineering and Design Group) requirements for sanitary and sterile applications. These stainless steel screws have flat heads with polished surfaces that minimize the accumulation of dirt or residues. Choose EPDM (ethylene propylene diene monomer) washers for most CIP/SIP (clean-in-place / sanitize-in-place) applications, or H-NBR (Hydrogenated nitrile rubber) washers for demanding conditions with high temperatures, high-fat compounds, or media containing grease.

卫生型六角螺栓具有凸缘环，可与随附的密封和垫片垫圈配对，以形成符合 EHEDG（欧洲卫生工程和设计小组）对卫生和无菌应用要求的卫生密封。

这些不锈钢螺栓具有平头和抛光表面，可最大限度地减少污垢或残留物的积聚。对于大多数 CIP/SIP（就地清洗/就地消毒）应用，请选择 EPDM（三元乙丙橡胶）垫圈，对于高温、高脂肪化合物或含有油脂的介质等苛刻条件，请选择 H-NBR（氢化丁腈橡胶）垫圈。

Technical Data

Sealing ring

- H-NBR
Temperature resistant -25 °C to +150 °C
- EPDM
Temperature resistant -40 °C to +120 °C
- Blue
- Hardness 85 ±5 Shore A
- FDA compliant

Hexagon nut

- Stainless steel SUS 304 / 1.4301
06Cr19Ni10
- Stainless steel SUS 316 / 1.4404
0Cr17Ni12Mo2
- Polished <Ra0.8
- FDA compliant

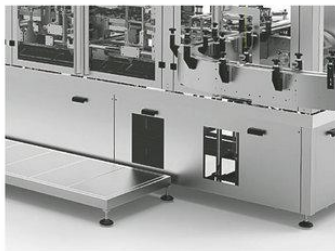
技术数据

密封垫圈

- H-NBR 氢化丁腈橡胶
耐温 -25 °C 到 +150 °C
- EPDM 三元乙丙橡胶
耐温 -40 °C 到 +120 °C
- 蓝色
- 硬度 85 ±5 Shore A
- 符合FDA标准

六角螺母

- 不锈钢 SUS 304 / 1.4301
06Cr19Ni10
- 不锈钢 SUS 316 / 1.4404
0Cr17Ni12Mo2
- 抛光表面 <Ra0.8
- 符合FDA标准



N1129 卫生六角螺栓
Hygienic Hexagon Nut



YIYE HARDWARE
Precision-Maker



many choices available

from M4 to M20 or more, oval top head or flat top head.



Specification 规格尺寸

	Type	M4	M5	M6	M8	M10	M12	M14	M16	M20
	N1129	✓	✓	✓	✓	✓	✓	✓	✓	✓



N1129 卫生六角螺栓
Hygienic Hexagon Nut



YIYE HARDWARE
Precision-Maker



Preferred materials Special tight fitting design

精选卫生材料 特殊紧配设计



Sealing ring

- H-NBR
Temperature resistant -25 °C to +150 °C
- EPDM
Temperature resistant -40 °C to +120 °C
- Blue
- Hardness 85 ±5 Shore A
- FDA compliant

密封圈

- 氢化丁腈橡胶 H-NBR
耐温 -25°C 至 150°C
- 三元乙丙橡胶 EPDM
耐温 -40°C 至 120°C
- 天蓝色
- 硬度 85±5 Shore A
- 符合FDA标准



HSR 卫生密封圈
Hygienic Sealing Ring



YIYE HARDWARE
Precision-Maker



Preferred materials Special Hygienic design



Nothing adheres

Average surface finish $Ra < 0.8 \mu m$

表面光洁度 $Ra < 0.8 \mu m$



sealing beading for 100% hygienic flat
seal with only 0.1mm tolerance to screw shaft

100% 卫生的密封圈

平面密封与螺纹轴的公差仅为0.1mm



卫生防护
Hygienic
protection



食品级表面
Food
grade



耐酸碱
耐酸碱
Chemical
resistance



冲击防护
Impact
protection



电磁兼容性
EMC
protection

Contaminatin rolls off

Nothing can adhere

Nothing can germinate

污染物滚落

没有东西可以粘附

抑制细菌滋生

The Hygienic D Handle is suitable for use in all areas in which the adherence of microorganisms and dirt must be prevented, for example in the pharmaceutical, food and chemical industries as well as in biotechnology and clean room technology.

The Hygienic D Handle with Collar for Hygienic USIT® Seal and Shim Washers is Ideal for installing in Sterile Areas.

卫生D型拉手适用于对其中微生物和污垢的粘附必须防止的所有区域，例如在药物、食品和化学工业以及生物技术和洁净室技术。

卫生级 USIT® 密封和垫片用的D型拉手非常适合在无菌区域内安装。

Protection
Class

IP66

IP68 10bar/30min

IP69K



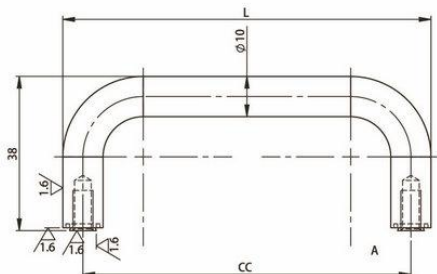
A005-HD 卫生D型把手
Hygienic D Handle



YIYE HARDWARE
Precision-Maker



Specification 规格尺寸



Type No.:	L	CC
Handle 3A M6-CC88	100 mm	88 mm
Handle 3A M6-CC100	112 mm	100 mm
Handle 3A M6-CC120	132 mm	120 mm
Handle 3A M6-CC180	192 mm	180 mm



技术数据

密封垫圈

- H-NBR 氯化丁腈橡胶
耐温 -25 °C to +150 °C
- EPDM 三元乙丙橡胶
耐温 -40 °C to +120 °C
- 蓝色
- 硬度 85 ±5 Shore A
- 符合FDA标准

D型把手

- 不锈钢 SUS 304 / 1.4301
06Cr19Ni10
- 不锈钢 SUS 316 / 1.4404
0Cr17Ni12Mo2
- 抛光表面 <Ra0.8
- 符合FDA标准

Technical Data

Sealing ring

- **H-NBR**
Temperature resistant -25 °C to +150 °C
- **EPDM**
Temperature resistant -40 °C to +120 °C
- **Blue**
- **Hardness 85 ± 5 Shore A**
- **FDA compliant**

D Handle

- Stainless steel SUS 304 / 1.4301
06Cr19Ni10
- Stainless steel SUS 316 / 1.4404
0Cr17Ni12Mo2
- Polished <Ra0.8
- FDA compliant

A005-HD 卫生D型把手
Hygienic D Handle



YIYE HARDWARE
Precision-Maker





Contaminatin rolls off 污染物滚落
Nothing can adhere 没有东西可以粘附
Nothing can germinate 抑制细菌滋生

The Hygienic Star Knob is suitable for use in all areas in which the adherence of microorganisms and dirt must be prevented, for example in the pharmaceutical, food and chemical industries as well as in biotechnology and clean room technology.

The Hexagon Star Knob with Collar for Hygienic USIT® Seal and Shim Washers is Ideal for installing in Sterile Areas.

卫生星型旋钮适用于对其中微生物和污垢的粘附必须防止的所有区域，例如在药物、食品和化学工业以及生物技术和洁净室技术。

卫生级 USIT® 密封和垫片用的星型旋钮非常适合在无菌区域内安装。



Preferred materials Special Hygienic design



Nothing adheres
Average surface finish $Ra < 0.8 \mu m$
表面光洁度 $Ra < 0.8 \mu m$



sealing beading for 100% hygienic flat seal with only 0.1mm tolerance to screw shaft
100% 卫生的密封圈
平面密封与螺纹轴的公差仅为 0.1mm

 K071-HD 卫生星型旋钮
Hygienic Star Knob

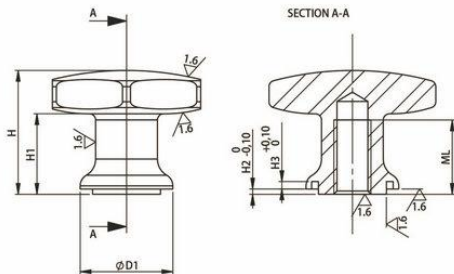


YIYE HARDWARE
Precision-Maker





Specification 规格尺寸



Type No.:	D	D1	D2	D3	H	H1	H2	H3	MxML	S
Star Knob,M6-24-3A	27 mm	15 mm	11 mm	13.2 mm	20 mm	13 mm	0,85 mm	1,2 mm	M6x12	24
Star Knob,M6-30-3A	33 mm	20 mm	15 mm	17.2 mm	24 mm	13 mm	0,85 mm	1,2 mm	M6x12	30
Star Knob,M8-36-3A	40 mm	22 mm	16 mm	19.2 mm	28 mm	16 mm	1,05 mm	2 mm	M8x20	36
Star Knob,M10-46-3A	50 mm	28 mm	20 mm	23.2 mm	30 mm	16 mm	1,05 mm	2 mm	M10x25	46
Star Knob,M12-60-3A	65 mm	32 mm	24 mm	27.2 mm	40 mm	24 mm	1,05 mm	2 mm	M12x25	60

技术数据

密封垫圈

- H-NBR 氯化丁腈橡胶
耐温 -25 °C to +150 °C
- EPDM 三元乙丙橡胶
耐温 -40 °C to +120 °C
- 蓝色
- 硬度 85 ±5 Shore A
- 符合FDA标准

星型旋钮

- 不锈钢 SUS 304 / 1.4301
06Cr19Ni10
- 不锈钢 SUS 316 / 1.4404
0Cr17Ni12Mo2
- 抛光电面 <Ra0.8
- 符合FDA标准

Technical Data

Sealing ring

- H-NBR
Temperature resistant -25 °C to +150 °C
- EPDM
Temperature resistant -40 °C to +120 °C
- Blue
- Hardness 85 ±5 Shore A
- FDA compliant

Star knob

- Stainless steel SUS 304 / 1.4301
06Cr19Ni10
- Stainless steel SUS 316 / 1.4404
0Cr17Ni12Mo2
- Polished <Ra0.8
- FDA compliant



K071-HD 卫生星型旋钮
Hygienic Star Knob



YIYE HARDWARE
Precision-Maker





You Can Trust





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一业金属成立于2007年，一直致力于高品质产品的生产，尤其是不锈钢材质的产品。自2015年，我们开始步入精密数控加工行业，开始开发和生产车铣钻为主的精密部件，至今已经拥有比较好的加工能力和经验。

一业金属坐落于浙江东部地区的台州市临海市，一座美丽的古城。拥有4000+平方米的厂房和超过60名的熟练员工，拥有超过60台精密数控加工设备和6台加工中心，以及配套的检测设备。

一业金属的客户有来自国内的卫生食品机械和医药机械的生产公司，也有来自德国和日本的精密零部件的公司，有着尺寸和表面两方面的严格要求，符合FDA标准。

一业金属十分欢迎你们的访问，也十分愿意一起讨论，并制作免费样品供检测，及后续进一步样品制作，最后生产磨合。

专心、专业、专注是一业金属的宗旨和立厂根本。

YeeYe hardware is proud to be committed to high quality to top quality products from the beginning. We are proud to say that our products continuously surpass industry standards. More than anything we want you to feel confident in choosing YeeYe for your precision parts and highest quality standard products.

It all began in 1995 when a small steel fabrication business launched by Bulldog. Moer started manufacturing builder hardware in Linhai.

By 2007, YeeYe hardware was born, and works with its customers designing and implementing features sought after by discriminating consumers around the globe.

By 2015, we start to make hydraulic parts.

By 2018, we start to supply hygienic levelling feet parts and hygienic design screws and nuts.

YeeYe hardware locate in Linhai, a small beautiful city, operates with 30,000+ square feet manufacturing space, over 80 employees.

YeeYe's commitment to producing quality products combined with honest, reliable service has proven to be a successful handle work to ensuring the continued rapid growth of the company.

YeeYe's proud of high quality control system and his seasoned and high efficiency employees.

Welcome to visit our factory.







Workshop

Producing Equipment(>60sets):

- (1) CNC center, 6 sets, machining precision 0.01mm
- (2) CNC machine 2 sets, machining precision 0.02mm
- (3) CNC machine 2 sets, machining precision <0.02mm
- (4) CNC Turn-mill combination 6 sets, machining precision 0.02mm
- (5) CNC machine 10 sets, machining precision 0.02mm
- (6) CNC machine 40 sets, machining precision <0.03mm
- (7) Sawing machine 4sets
- (8) Milling machine 2sets
- (9) Thread Rolling machine 1set



OO NOVA 7 SE 5G
OO AI QUAD CAMERA

Test Room

Test Equipment

- (1) Image Mapping Apparatus
- (2) Pneumatic Micrometer Air Gauge
- (3) Hardness Tester
- (4) offset runout detection instrument



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YIYE HARDWARE
Precision-Maker



17 YEARS
2007-2024

www.china-yiye.com



Manufactured by
ISO14001
Certified Plant



Manufactured by
ISO 9001
Certified Plant