

Sealing Nut
密封螺母

用途：液体、气体调节螺栓密封



泉州市同兴五金制品有限公司
QUANZHOU TONGXING HARDWARE INDUSTRY CO., LTD.

公司简介 About me

泉州市同兴五金制品有限公司自 2009 年创立以来，始终致力于五金制品领域的深耕与拓展，是一家集研发、生产、销售为一体的综合性企业。公司坐落于福建省泉州市南安市水头镇海联创业园区，占地面积达 13300 平方米，拥有宽敞且现代化的生产基地，为高效生产提供了坚实保障。目前，公司汇聚了 110 名专业人才，涵盖研发、生产、销售、售后等各个环节，每一位员工都秉持着高度的责任心与专业精神，为公司的发展注入源源不断的动力。在产品方面，公司产品线丰富多元，涵盖防松螺母系列、密封螺母系列、双叠自锁垫圈系列、油尺系列、工程机械配件以及 EVA 机械配件等，可满足不同客户的多样化需求。公司始终坚持“用户至上”的经营理念，将客户需求放在首位，凭借严格的质量把控体系，确保每一个产品都品质卓越。值得一提的是，公司已顺利通过 ISO9001、IATF16949 国际质量管理体系认证，这不仅是对公司产品质量和管理水平的高度认可，更是公司实力的有力见证。同时，公司在保证产品高品质的前提下，严格控制成本，力求为客户提供性价比极高的产品，真正做到物美价廉。多年来，泉州市同兴五金制品有限公司凭借优质的产品、贴心的服务和良好的信誉，赢得了众多客户的信赖与支持。展望未来，公司将继续砥砺前行，不断创新，为客户创造更大的价值，为五金制品行业的发展贡献力量。

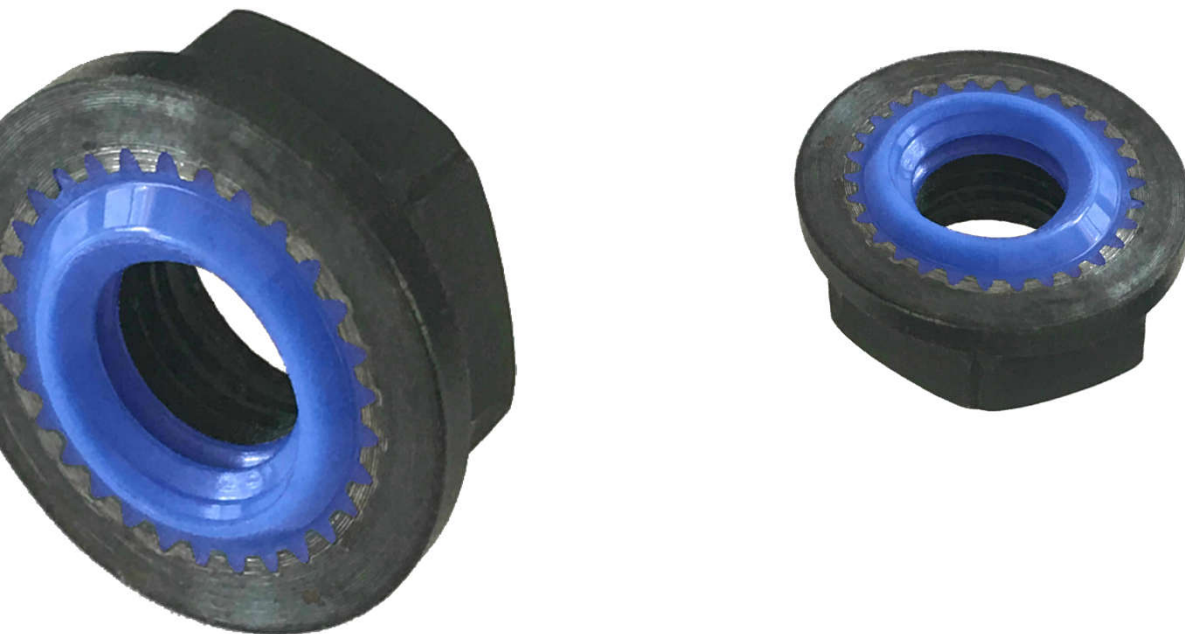
Quanzhou Tongxing Hardware Products Co., Ltd. Since its establishment in 2009, We has been committed to deepening its presence and expanding in the hardware products field. It is a comprehensive enterprise integrating R&D, production and sales. The company is located in Hailian Pioneer Park, Shuitou Town, Nan'an City, Quanzhou City, Fujian Province, covering an area of 13,300 square meters. It has a spacious and modern production base, which provides a solid guarantee for efficient production. At present, the company has gathered 110 professionals, covering all links such as R&D, production, sales and after-sales service. Every employee adheres to a high sense of responsibility and professionalism, injecting a steady stream of impetus into the company's development.

In terms of products, the company has a rich and diverse product line, including locknut series, sealing nut series, double-layer self-locking washer series, oil dipstick series, engineering machinery parts and EVA machinery parts, which can meet the diverse needs of different customers.

The company always adheres to the business philosophy of "Customer First", puts customers' needs first, and ensures the excellent quality of each product through a strict quality control system. It is worth mentioning that the company has successfully passed the ISO9001 and IATF16949 international quality management system certifications. This is not only a high recognition of the company's product quality and management level, but also a strong testament to the company's strength.

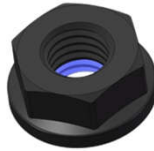
At the same time, on the premise of ensuring high product quality, the company strictly controls costs and strives to provide customers with products of high cost-effectiveness, truly achieving high quality at a reasonable price.

Over the years, We has won the trust and support of many customers with its high-quality products, considerate services and good reputation. Looking forward to the future, the company will continue to forge ahead with determination, make continuous innovations, create greater value for customers, and contribute to the development of the hardware products industry.



产品介绍

Product description



- a. Monomer all metal nut structure design, surface treatment: blackening; Galvanized; Phosphating.
单体全金属螺母结构设计，表面处理：发黑；镀锌；磷化。



- b. The front of the nut is inlaid with nylon material seal ring to prevent liquid or gas leakage (suitable temperature: $-40^{\circ}\text{C}\sim 120^{\circ}\text{C}$), and has strong oil resistance.

螺母前部镶嵌尼龙材料密封圈，防止液体或气体泄漏（适合温度： $-40^{\circ}\text{C}\sim 120^{\circ}\text{C}$ ），具有很强的抗油性。



- c. Special process: the nylon ring and the metal body are integrated to achieve perfect sealing.
特殊工艺：使尼龙圈与金属体结合成整体，达到完美密封。

使用方法

Method of using

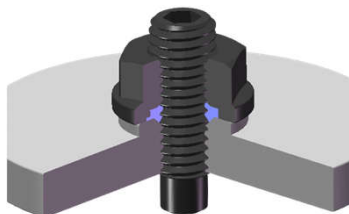
- a. Nut being screwed into the bolt.
螺母拧入螺栓



- b. High torque borne by the nut, and torque data is provided by torque wrench preset products. (It is recommended to refer to Class 8 in the table below for Torque)
金属螺母支持高扭矩，扭力扳手预置在该产品建议扭矩数据范围内。（建议扭矩参考参数表的Class 8）

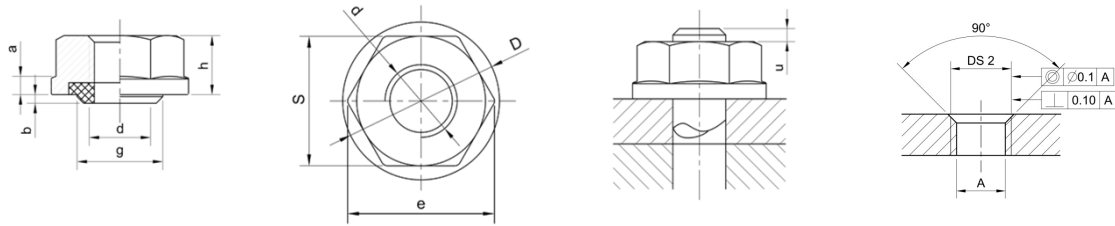
- c. Nylon sets to work once contacting with the plane. By using wrench, nylon infiltrates into the contact plane, then the main structure is to be sealed.

螺母与平面接触后，尼龙开始工作。当扳手逐渐拧紧螺母时，尼龙同时渗入DS-2密封斜面，主体结构开始密封。



- d. Rendering of Assembly. Nylon has already seeped into the plane, and the sealing effect has been achieved. Meanwhile, self-locking has functioned, and metal nut has been fixed.

完成装配并到达扭矩后，尼龙已渗入DS-2密封斜面，密封效果达到最佳，同时起到防松自锁功能，金属螺母不易松动。



Size drawings:

Dimensional drawings compare to the table.

规格尺寸图对照下表。

TXMCO Standard-high version

**产品参数表
Parameters Table**

d	Order No	Surface	D	S	e	a	h	DS2/90°		Tol.	Recommended tightening torque class 8 Ma (Nm)
								t min.	φ		
3/8-24UNF	TX-18001-3/8-24	phosphated galvanized	21	17	19.38	3	8.9	3	11.4	+0.3	43-48
M6	TX-18009-M6	phosphated galvanized	12	10	11.05	1.5	7	1.5	7.2	+0.2	9-10.1
M8	TX-18004-M8	phosphated galvanized	17	13	14.76	2	8.5	2.5	10.2	+0.3	21.6-24.6
M8X1.0	TX-18008-M8X1	phosphated galvanized	17	13	14.76	2	8.5	2.5	10.2	+0.3	21.6-24.6
M10	TX-18003-M10	phosphated galvanized	21	17	19.38	3	8.9	3	12.4	+0.3	43-48
M10X1.0	TX-18002-M10X1	phosphated galvanized	21	17	19.38	3	8.9	3	12.4	+0.3	43-48
M12	TX-18007-M12	phosphated galvanized	23	19	21.1	3	11	3	15.2	+0.3	73-84
M12X1.0	TX-24015-M12X1	phosphated galvanized	23	19	21.1	3	11	3	15.2	+0.3	73-84
M12X1.25	TX-18006-M12X1.25	phosphated galvanized	23	19	21.1	3	11	3	15.2	+0.3	73-84
M12X1.5	TX-18005-M12X1.5	phosphated galvanized	23	19	21.1	3	11	3	15.2	+0.3	73-84
M14	TX-18010-M14	phosphated galvanized	27	22	24.49	3	12	3	16.8	+0.4	126-144
M14X1.0	TX-24016-M14X1	phosphated galvanized	27	22	24.49	3	12	3	16.8	+0.4	126-144
M14X1.5	TX-25018-M14X1.5	phosphated galvanized	27	22	24.49	3	12	3	16.8	+0.4	126-144
M16X2.0	TX-25017-M16X2	phosphated galvanized	30	24	26.75	4	18	3	19	+0.4	189-218
M16X1.0	TX-25019-M16X1	phosphated galvanized	30	24	26.75	4	18	3	19	+0.4	189-218
M16X1.5	TX-18011-M16X1.5	phosphated galvanized	30	24	26.75	4	18	3	19	+0.4	189-218
M20	TX-23014-M20	phosphated galvanized	37	30	32.95	5	21	4	23.4	+0.4	250-255
M20X1.5	TX-18012-M20X1.5	phosphated galvanized	37	30	32.95	5	21	4	23.4	+0.4	250-255
M27X2.0	TX-25020-M27X2	phosphated galvanized	49	41	47.3	2	11	4	30.4	+0.1	300-325
M30X2.0	TX-18013-M30X2	phosphated galvanized	48	41	47.3	4	16	4	33.4	+0.4	390-410

工程应用实例：
Engineering application example:



We are dedicated to offering perfect sealing solutions for machinery industry around the globe.
我们致力于为全球机械行业提供完美的密封方案



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