

软管卡箍系列 (Q676B 小美式喉箍)

Hose clamp series (Q676B small American style hose clamp)



产品介绍：**Q676B 小美式喉箍** 只有8mm一种带宽。属于轻型卡箍，小巧、坚固、设计精密，冲齿形状有月牙式和直牙式两种，螺丝有6和6.3两种对边，钢带透孔，8mm的带宽和窄箍壳便于在狭窄区域安装。

Product introduction: Q676B small American throat clamp only has a bandwidth of 8mm. It is a lightweight clamp, small, strong, precise design, punching teeth shape has crescent type and straight tooth type, screws have 6 and 6.3 two opposite sides, steel strip through holes, 8mm bandwidth and narrow hoop shell for easy installation in narrow areas.

	材质 Material	W1	W2	W4	W5
1	箍带 Hoopstraps	铁镀锌 Iron galvanized	200ss/300ss	300ss	316
2	箍壳 Hoop shell	铁镀锌 Iron galvanized	200ss/300ss	300ss	316
3	螺丝 screw	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	300ss	316

产品优势

Product advantages

安装在紧密配合难以达到的区域，低扭矩高密封压力，是小型软管的最佳选择。

Installed in areas that are difficult to reach with a tight fit Low torque and high sealing pressure , It is the best choice for small hoses.

应用领域

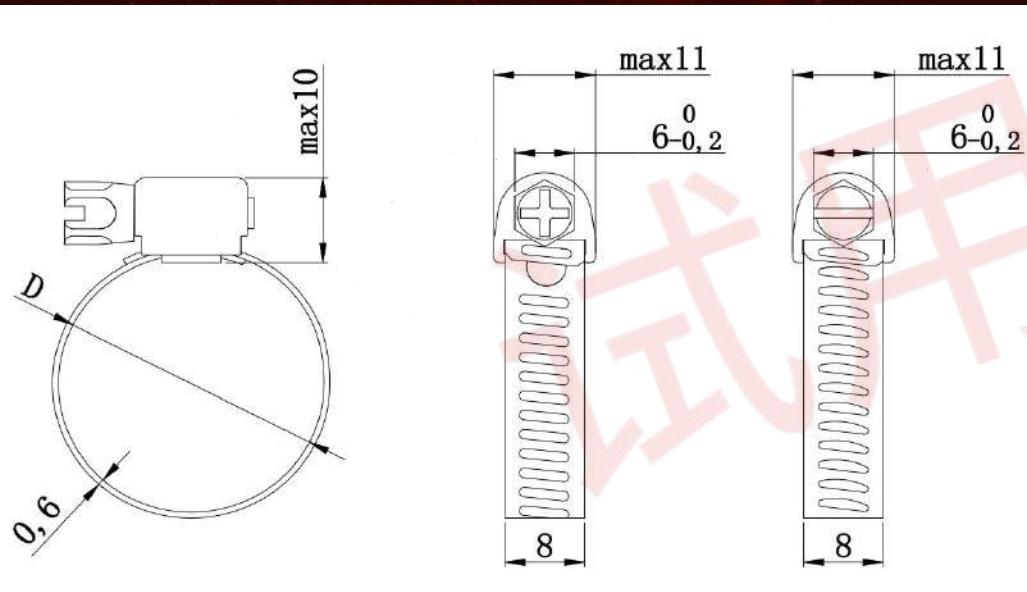
Application areas

汽车行业/燃气行业
(广泛应用于家用住宅、基础设施、燃油管路和工业设备等各种行业)。

(Widely used in residential housing, infrastructure, fuel lines and various industries such as industrial equipment).

软管卡箍系列（Q676B 小美式喉箍）

Hose clamp series (Q676B small American style hose clamp)



调节范围：可在6-D之间任意选择规格

调节尺寸：6-10mm

The adjustment range can be selected from 6-D, The adjustment size is 6-10mm

	自由扭矩 Free torque	负载扭矩 Load torque
W1	≤0.8Nm	≥2.2Nm
W2	≤0.6Nm	≥2.5Nm
W4	≤0.6Nm	≥3.0Nm

软管卡箍系列（Q676 大美式喉箍）

Hose clamp series (Q676 American style hose clamp)



产品介绍：**Q676 大美式喉箍** 采用高硬度材料制做，透孔式结构，箍壳采用一体化成型铆接，高紧固密封效率。螺丝有普通和防退两种型号可供选择，产品通用性非常高。

Product introduction: Q676 American style throat hoop is made of high hardness material, through hole structure, hoop shell adopts integrated molding riveting, high fastening and sealing efficiency. Screws are available in two models: ordinary and anti-retreat, and the versatility of the product is very high.

	材质 Material	W1	W2	W4	W5
1	箍带 Hoopstraps	铁镀锌 Iron galvanized	200ss/300ss	300ss	316
2	箍壳 Hoop shell	铁镀锌 Iron galvanized	200ss/300ss	300ss	316
3	螺丝 screw	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	300ss	316

产品优势

Product advantages

用途广泛（不仅可以用在圆管上，也可用于在方形物体上）适用范围广，扭转力矩均衡，锁紧牢固，高紧固密封效率，调节范围大。

Versatile (not only on round tubes, but also on square objects) Wide range of application, uniform torsional torque, Locking firmly, high fastening and sealing efficiency, large adjustment range.

应用领域

Application areas

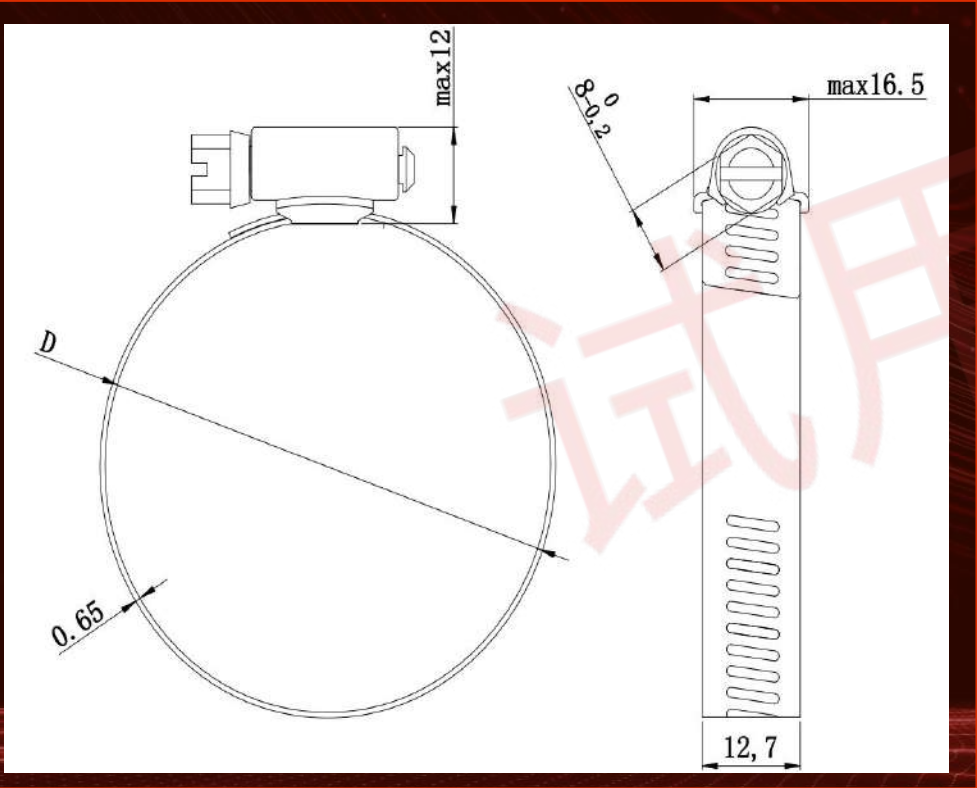
汽车行业/食品机械/化工机械（广泛应用于汽、摩、拖、机械车辆和工业设备等各种行业，油路、水路、气路当中使管道连接处密封更加牢固）。

(Widely used in residential housing, infrastructure, fuel lines and various industries such as industrial equipment).



软管卡箍系列（Q676 大美式喉箍）

Hose clamp series (Q676 American style hose clamp)



调节范围：可在14-300mm之间任意选择规格

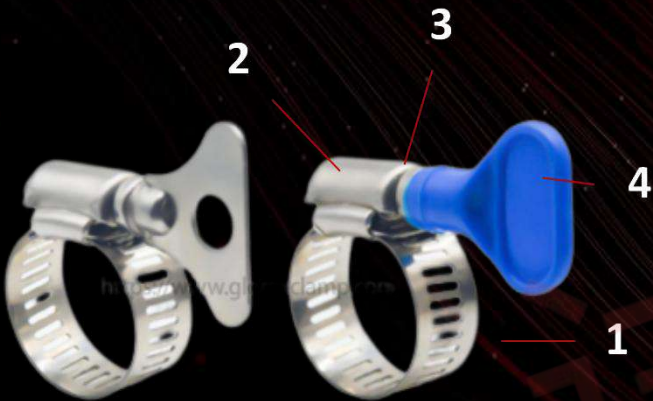
调节尺寸：20mm

The adjustment range can be selected from 14 to 300mm
The adjustment size is 20mm

	自由扭矩 Free torque	负载扭矩 Load torque
W1	≤0.6Nm	≥7Nm
W2	≤0.6Nm	≥8Nm
W4	≤0.6Nm	≥12Nm
W5	≤0.6Nm	≥12Nm

软管卡箍系列（Q676 大美式手柄喉箍）

Hose clamp series (Q676 large American handle hose clamp)



产品介绍：**Q676 大美式手柄喉箍** 装配时方便快捷，安装效率高。

Product introduction: Q676 Large American handle throat clamp when assembled Convenient and fast, high installation efficiency.

	材质 Material	W1	W2	W4	W5
1	箍带 Hoopstraps	铁镀锌 Iron galvanized	200ss/300ss	300ss	316
2	箍壳 Hoop shell	铁镀锌 Iron galvanized	200ss/300ss	300ss	316
3	螺丝 screw	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	300ss	316
4	手柄 handle	塑料/钢 Plastic/steel	塑料/钢 Plastic/steel	塑料/钢 Plastic/steel	塑料/钢 Plastic/steel

调节范围：14-150mm之间任意选择规格

调节尺寸：20mm

The adjustment range can be selected from 14-150mm and the adjustment size is 20mm

产品优势

Product advantages

安装方便快捷，适用范围广，扭转力矩均衡，锁紧牢固，高紧固密封效率。

Easy and quick installation Wide range of application, uniform torsional torqueLocking firmly, high fastening sealing efficiency.

应用领域

Application areas

燃气行业/工业领域/电缆和电线捆绑。

Fields of application:Gas industry/Industrial field/Cable and wire binding.

软管卡箍系列 (Q676 14.2大美式喉箍)

Hose clamp series (Q676 14.2 American style hose clamp)



产品介绍：**Q676** 此卡箍为大美式喉箍的升级款，钢带宽度增加为14.2mm,扭矩相对比12.7大美式喉箍更高。

Product introduction: Q676
This clamp is an upgrade of the large American throat clamp, the steel belt width is increased to 14.2mm, and the torque is relatively higher than the 12.7 American throat clamp.

	材质 Material	W2	W4	W5
1	箍带 Hoopstraps	304	304	316
2	箍壳 Hoop shell	304	304	316
3	螺丝 screw	铁镀锌 Iron galvanized	304	316

产品优势

Product advantages

扭矩高于常规12.7
带宽美式喉箍。

The torque is higher than the regular 12.7
Bandwidth American style throat clamp.

应用领域

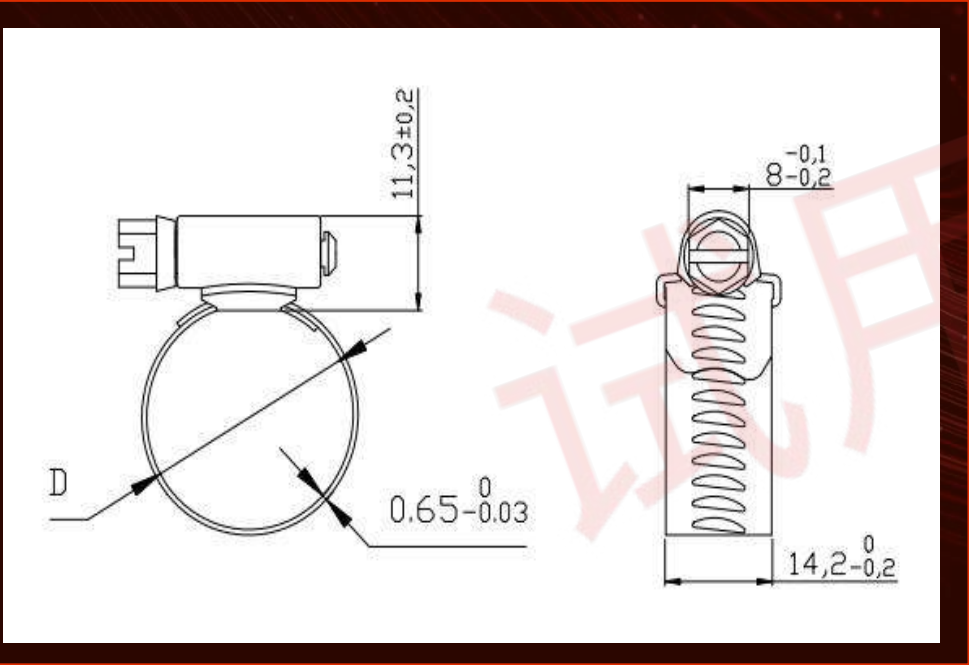
Application areas

汽车行业/食品机械/化工机械
(广泛应用于汽、摩、拖、机械车辆和工业设备等
各种行业，油路、水路、气路当中使管道连接处密
封更加牢固)。

Automotive industry / food machinery / chemical machinery
(Widely used in automobile, motorcycle, towing, mechanical vehicles.) and industrial equipment and
other industries, oil circuits, waterways, Tighter sealing of pipe connections in the air path).

软管卡箍系列 (Q676 14.2大美式喉箍)

Hose clamp series (Q676 14.2 American style hose clamp)



调节范围：14-300mm之间任意选择规格

调节尺寸：20mm

The adjustment range can be selected from 14 to 300mm
The adjustment size is 20mm

	自由扭矩 Free torque	负载扭矩 Load torque
W2	≤0.6Nm	≥12Nm
W4	≤0.6Nm	≥12Nm
W5	≤0.6Nm	≥12Nm

软管卡箍系列（07289美式重型卡箍）

Hose clamp series (07289 American heavy duty clamp)



产品介绍：**07289** 型系列是高强度的蜗轮蜗杆卡箍。它适用于一些特殊的需要高连接压力和高紧固扭矩的场合。如：用来紧固带增强钢衬的硅胶管，液压油管，塑料管和橡胶管。

Product introduction: 07289
The type series is a high-strength worm gear clamp. It is suitable for special occasions that require high connection pressure and high tightening torque. Such as: used to fasten silicone pipes, hydraulic oil pipes, plastic pipes and rubber pipes with reinforced steel lining.

材质 Material		W4	
1	箍带 Hoopstraps	304	自由扭矩 Free torque
2	箍壳 Hoop shell	304	W4
3	螺丝 screw	304	≤1.0Nm
			负载扭矩 Load torque
			≥15Nm

产品优势

Product advantages

对于要求超高扭力且无温度变化的管路连接，扭转力矩均衡，锁紧牢固可靠性强。

For pipe connections that require ultra-high torque and no temperature variation The torsional torque is balanced The lock is firm and reliable.

应用领域

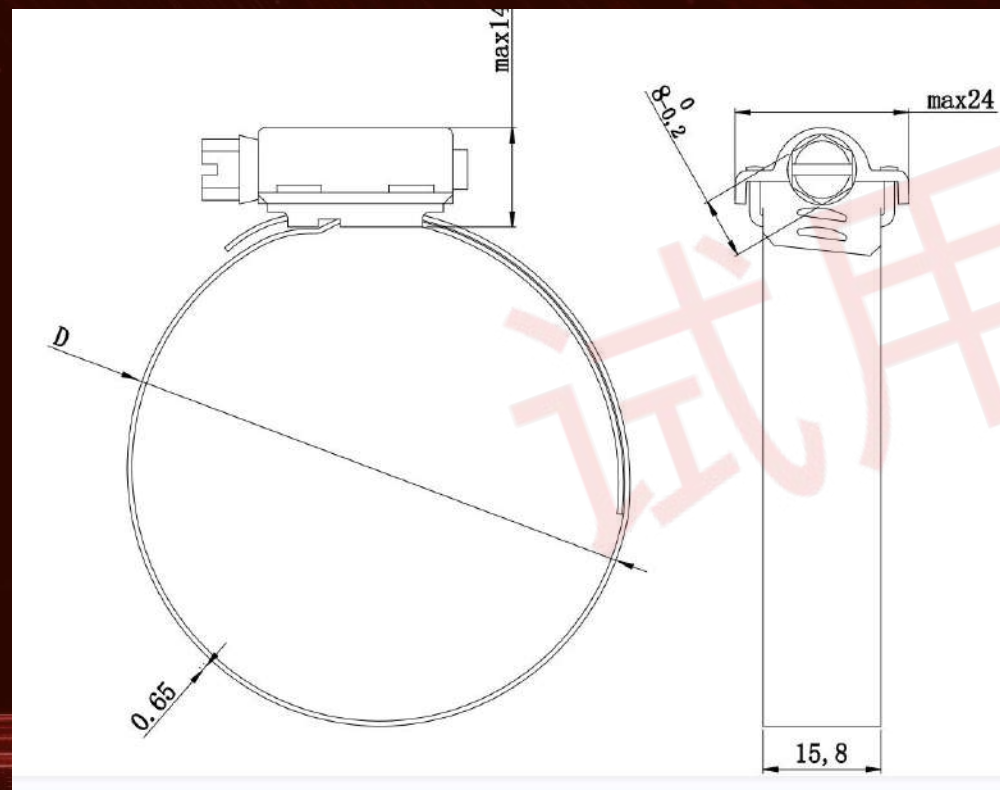
Application areas

交通标志、街道标志、广告牌和照明标志装置 / 重型设备密封应用 / 农业 / 化学工业 / 食品加工行业 / 流体输送设备。

Traffic signs, street signs, billboards and lighting sign installations./ Heavy equipment sealing applications/agriculture/chemical industry/Food processing industry/Fluid transfer equipment.

软管卡箍系列（07289美式重型卡箍）

Hose clamp series (07289 American heavy duty clamp)



调节范围：25-300mm之间任意选择规格

调节尺寸：20mm

The adjustment range can be selected from 25-300mm
The adjustment size is 20mm

软管卡箍系列 (07299 蝶形弹簧力矩补偿卡箍)

Hose clamp series (07299 butterfly spring torque compensation clamp)



产品介绍：**07299** 该系列卡箍是夹紧技术的一个突破，优点一目了然，螺栓头叠加碟形弹簧设计，具有动态调整特性，对软管收缩起到360度补偿，在较大的温度范围自动紧固增加密封可靠性，同样适于热塑软管，同样具有标准卡箍的功能。

This series of clamps is a breakthrough in clamping technology, and the advantages are clear at a glance Bolt head superimposed disc spring design. Has dynamic adjustment characteristics. 360 degree compensation for hose shrinkage. Automatic tightening in a wide temperature range increases sealing reliability. Also suitable for thermoplastic hoses. Also has the function of standard clamps.

产品优势

Product advantages

- 四点式旋铆设计，更加牢固，使其破坏扭矩能达到 $\geq 25\text{N.m}$ 以上
 - 碟簧组垫采用超硬SS301材料，抵抗腐蚀性高，在做垫片压缩试验（定2000N值）对试验五组弹簧垫片组，回弹量均保持在高达99%以上
 - 螺钉采用SS410材质，对比奥氏体不锈钢，硬度更高，韧性好
 - 内衬有助于保护一致的密封压力
 - 钢带、护齿、底座、端盖，均采用SS304材质，
 - 具有优良的不锈钢耐腐蚀性能和较好的抗晶间腐蚀性能，韧性高的特点
- Four-point riveting design, more firm, so that its destruction torque can reach more than $\geq 25\text{N.m}$
- Disc spring group pad adopts super hard SS301 material, high corrosion resistance, in the gasket compression test (fixed 8N.m value) for the test of five groups of spring gasket groups, the rebound amount is maintained at more than 99%.
- The screw is made of SS410 material, which has higher hardness and good toughness than austenitic stainless steel
- The lining helps protect consistent seal pressure
- Steel belt, mouth guard, base, end cover, all made of SS304 material,
- It has the characteristics of excellent stainless corrosion resistance and good intergranular corrosion resistance, and high toughness

应用领域

Application areas

汽车行业 / 重型机械 / 基础设施 / 重型设备密封应用 / 流体输送设备。

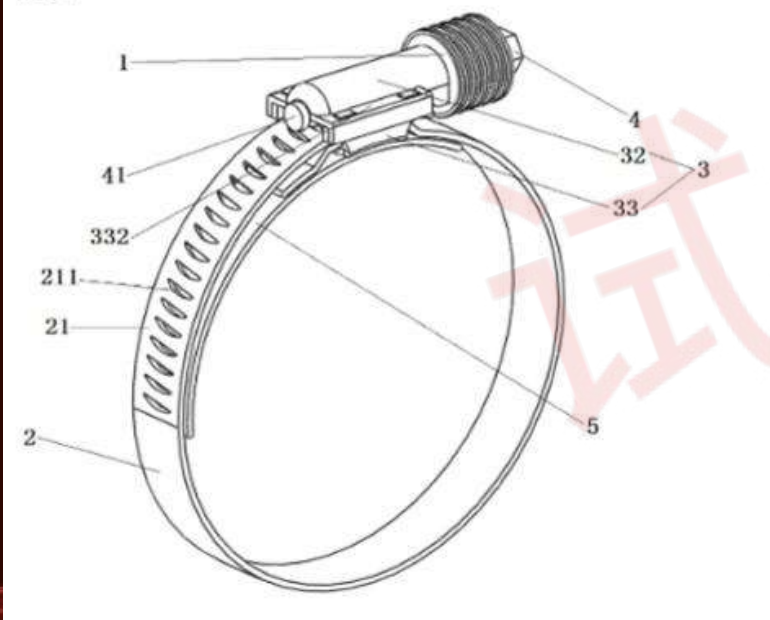
Automotive industry / Heavy machinery / Infrastructure / Heavy equipment sealing applications / Fluid conveying equipment.

软管卡箍系列 (07299 蝶形弹簧力矩补偿卡箍)

Hose clamp series (07299 butterfly spring torque compensation clamp)



附图



技术领域： 本实用新型属于管道连接领域，尤其是涉及一种碟簧及使用其具有补偿功能的卡箍。

The present invention belongs to the field of pipeline connection In particular, it involves a disc spring and its use Clamps with compensation function.

专利详情 Patent details

一种碟簧及使用其具有补偿功能的卡箍

本实用新型提供了一种碟簧及使用其的具有补偿功能的卡箍，碟簧包括簧体，其顶部向内延伸出第一挤压边，底端向外延伸出第二挤压边，卡箍还包括钢带和锁紧头，锁紧头上开有过孔，钢带一端与锁紧头固接，另一端穿过过孔，钢带沿长度方向开有多个槽孔，一能与槽孔啮合的螺杆转动连接于锁紧头。

The utility model provides a disc spring and a clamp using its compensation function, the disc spring comprises a spring body, the top of which extends inward from the first extrusion edge, the bottom end extends outward from the second extrusion edge, the clamp further comprises a steel belt and a locking head, the locking head is opened with a via, one end of the steel belt is fixed with the locking head, the other end passes through the via, the steel belt has a plurality of grooves along the length direction, and a screw that can mesh with the groove rotates and connects to the locking head.

碟簧套设于螺杆端部，螺杆两端分别向外延伸出翻边，一端的翻边紧抵于锁紧头上，另一端翻边内侧紧抵于最外侧碟簧的第一挤压边上。本实用新型采用碟簧与螺杆配合，螺杆上的螺纹通过槽孔对钢带施加拉力，当管道直径缩小时，钢带所环绕形成的环可在拉力的作用下缩小，当管道直径变大时，钢带所环绕形成的环被管道撑大，碟簧受到螺杆端部翻边和锁紧头的压力收缩。

The disc spring sleeve is set at the end of the screw, and the two ends of the screw extend outward to the flange, the flange at one end is close to the locking head, and the inside of the other end of the flange is close to the first squeezed edge of the outermost disc spring. The utility model adopts disc spring and screw mating, the thread on the screw through the slot hole to apply tension to the steel belt, when the diameter of the pipe is reduced, the ring formed by the steel belt can be reduced under the action of tensile force, when the diameter of the pipe becomes larger, the ring formed by the steel belt is supported by the pipe, and the disc spring is contracted by the pressure of the screw end flange and locking head.

软管卡箍系列 (HB 美式套装)

Hose clamp series (HB American set)



软管卡箍系列（Q675 德式中间式喉箍）

Hose clamp series (Q675 German intermediate clamp)



产品介绍：**Q675** 德式喉箍有9mm和12mm两种带宽，挤压齿型结构，适用于大的卡紧范围能够保证柔软的软管在安装和最终施加扭力的过程中不被挤坏或割伤，同时能够保持连接的完整性，并可重复使用，提供更稳定的密封效果。

German hose clamps are available in 9mm and 12mm widths, extruded toothed construction, suitable for a large clamping range, which can ensure that the soft hose is not crushed or cut during installation and final torque application, while maintaining the integrity of the connection and can be reused to provide a more stable sealing effect.

	材质 Material	W1	W2	W4	W5
1	箍带 Hoop straps	铁镀锌 Iron galvanized	200ss/300ss	200ss/300ss	316
2	箍壳 Hoop shell	铁镀锌 Iron galvanized	200ss/300ss	200ss/300ss	316
3	螺钉 screw	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	200ss/300ss	316

产品优势

Product advantages

坚固耐用，两侧的压边对软管有保护作用，挤压齿型结构，对软管有更好的固定作用，防止软管脱落或回退。

Sturdy and durable The crimped edge on both sides has a protective effect on the hose Extruded tooth type structure, better for hose Fixing action to prevent the hose from falling off or retracting.

应用领域

Application areas

汽车行业 / 机械工业 / 船舶行业
(广泛应用于汽、摩、拖、机械车辆和工业设备等
各种行业，油路、水路、气路当中使管道连接处密封更加牢固) 。

Fields of application:
Automotive industry / Machinery industry/Shipbuilding industry (widely used in various industries such as automobile, motorcycle, towing, mechanical vehicles and industrial equipment, Oil circuit, water channel, gas path to make the pipeline connection seal more firmly).

软管卡箍系列（ Q675 德式手柄喉箍 ）

Hose clamp series (Q675 German handle hose clamp)

产品介绍：**Q675** 德式手柄喉箍和德式喉箍一样，有9mm和12mm两种带宽，螺丝增加了塑料手柄，手柄颜色可以根据客户要求定制，使用便捷，安装效率高。

Product introduction: Q675 German handle throat clamp is the same as German throat clamp, there are 9mm and 12mm two bandwidths, screws increase plastic handle, handle color can be customized according to customer requirements, easy to use, high installation efficiency.



材质 Material	W1	W2	W4	W5
箍带 Hoop straps	铁镀锌 Iron galvanized	200ss/300ss	200ss/300ss	316
箍壳 Hoop shell	铁镀锌 Iron galvanized	200ss/300ss	200ss/300ss	316
螺钉 screw	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	200ss/300ss	316
手柄 handle	塑料/钢 Plastic/steel	塑料/钢 Plastic/steel	塑料/钢 Plastic/steel	塑料/钢 Plastic/steel

产品优势

Product advantages

- 锁紧牢固 · 使用便捷 · 装配美观
- The lock is secure · Easy to use · Beautiful assembly

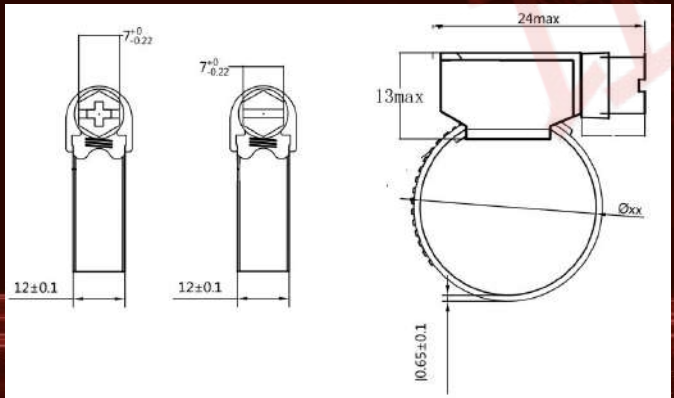
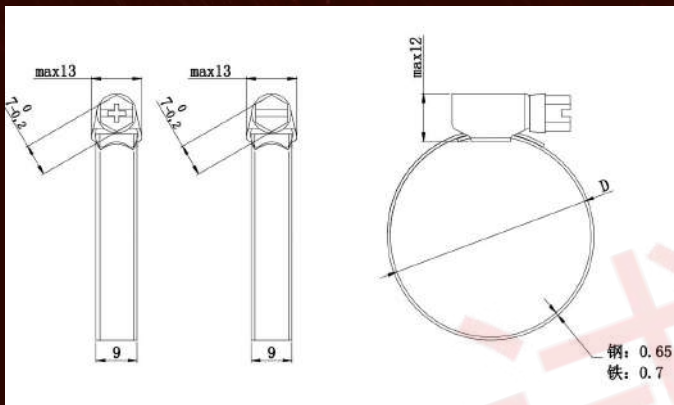
应用领域

Application areas

- 燃气行业 · 工业领域 · 石油化工
- Gas industry · Industrial sector · Petrochemical

软管卡箍系列（ Q675 德式手柄喉箍 ）

Hose clamp series (Q675 German handle hose clamp)



调节范围：8-200mm之间任意选择规格

调节尺寸：20mm

The adjustment range can be selected from 8 to 200mm
The adjustment size is 20mm

	自由扭矩 Free torque	负载扭矩 Load torque
W1	≤0.6Nm	≥6.5Nm
W2	≤0.6Nm	≥7Nm
W4	≤0.6Nm	≥7Nm
W5	≤0.6Nm	≥7Nm

软管卡箍系列（ 德式偏头喉箍 ）

Hose clamp series (Q675 German handle hose clamp)



产品描述

Product description

德式偏头涡轮蜗杆卡箍

German eccentric turbo worm clamp

NQ（侧铆箍壳） 9mm、12mm两种带宽
Side riveted hoop shell 9mm and 12mm two bandwidths

FNQ（燕尾箍壳）
Dovetail hoop shell

其中12mm带宽两种款型均可增加补偿片起到在不同温度范围内同样具有补偿效果。

Among them, the 12mm bandwidth can be added to both models, and the compensation element can be added to compensate in different temperature ranges.

特点

peculiarity

德式偏头与通用涡轮蜗杆卡箍不同之处在于它是更优化的非对称性连接壳套设计，能够保证紧固力均匀分配，装配更安全，专为防止软管在安装过程中受损而设计的。可以安置在有限的空间内，优越的扭矩和均匀分布的夹紧力可以保持长久密封效果。

The German eccentric differs from the universal worm clamp in that it is a more optimised asymmetrical connection sleeve design, which ensures even distribution of tightening force and safer assembly, and is specially designed to prevent damage to the hose during installation. Can be placed in limited space, superior torque and evenly distributed clamping force can maintain long-lasting sealing results.

调节范围：27-190mm之间任意选择规格

The adjustment range can be selected from 27 to 190mm The adjustment size is 20mm

材质 Material	W2	W3	W4
箍带 Hoop straps	300ss	300ss	304ss
箍壳 Hoop shell	300ss	300ss	304ss
螺钉 screw	铁镀锌 Iron galvanized	300ss	304ss

产品优势

Product advantages

可被使用在极高的钢带抗拉力，和破坏性扭矩要求环境下确保最佳的耐压性能；较短的连接壳套座最佳的紧固力分配和最优的软管连接密封紧固性；非对称性凸形圆弧式结构，防止卡箍连接壳套在紧固后产生倾斜偏移，保证卡箍紧固力受力水平。

Can be used in extremely high steel belt tensile resistance, and destructive torque requirements to ensure the best pressure resistance; Short connection housing sleeve for optimal tightening force distribution and optimal hose connection seal tightness; Asymmetric convex circular arc structure to prevent the clamp connection shell sleeve from tilting offset after tightening, and ensure the level of clamp fastening force.

调节尺寸：20mm

应用领域

Application areas

汽车行业 / 运输机械制造业 / 机械密封紧固要求较高的领域。

Automotive industry / Transportation machinery manufacturing industry / Mechanical seal fastening/requirements/Higher areas.

软管卡箍系列德式偏头卡箍（燕尾式带预装勾补偿式）

Hose clamp series German side head clamp (dovetail type with pre-installed hook compensation)

1. 更优化的非对称连接壳套，设计=能够保证紧固力均匀分配，装配更安全。

More optimized asymmetric connection housing, Design = the ability to ensure even distribution of fastening force, Safer assembly

2. 螺纹导向支撑=边缘突出的安全导向结构，螺栓安装简便。

Threaded guide support = Safety-oriented structure with prominent edges, Easy bolt installation

3. 卡箍材质和紧固范围，均冲压在卡箍带上=防止使用时错拿产品。

Clamp material and fastening range, Both stamped on clamp straps = Prevent mishandling of the product during use

4. 内置径向弹簧片在紧固时 存储大量的在紧固能量=可保持长久地径向紧固力，特别适合于温度变化大的软管连接上，内置弹簧与软管收缩方向相反，确保密封效果。

The built-in radial spring plate stores a large amount of tightening energy when fastening = Long-lasting radial tightening force is maintained, especially suitable for temperature changes, Large hose connection with built-in spring in the opposite direction of hose contraction. Ensure the sealing effect



5. 较短的连接壳套座=最佳的紧固力分配和最优的软管连接密封性。

Shorter connection housing housing = Optimal tightening force distribution and optimum tightness of hose connections

6. 非对称性凸形圆弧式结构=防止卡箍连接壳套在紧固后产生倾斜偏移，保证卡箍紧固力受力水平。

Asymmetric convex circular structure = Prevent clamping attachment housing sleeve after tightening Creates a tilt offset to ensure the level of force on the clamp fastening

7. 卡箍内表面光滑或冲压结构=防止对连接软管造成损伤或损坏。

The inner surface of the clamp is smooth or stamped Structure = Prevents damage to the connecting hose Injury or damage

8. 预安装卡扣=这种卡箍可通过其卡扣将卡箍预安装在胶管上，从而降低胶管安装的节拍。

Pre installation buckle = This type of clamp can be pre installed on the hose through its buckle, thereby reducing the installation rhythm of the hose

软管卡箍系列（德式偏头卡箍）

Hose clamp series (German eccentric clamp)



YFNQ(燕尾德式偏头径向弹簧卡箍)：

特点：YFNQ德式偏头补偿卡箍是德式偏头卡箍的另一个变形，是在带圈内部加一个弹簧片，弹簧片在紧固时储存大量的再紧固能量，可保持长久地径向紧固力，特别适用于温度变化大的软管连接上，内置弹簧与软管收缩方向相反，确保密封效果。非对称壳套设计防止在紧固卡箍时管夹倾斜，能够保证紧固时传导力的均匀和安装安全，组装后安装面无凸起设计，能保证卡箍在紧固时均匀接触压力，确保无紧固盲点，即使在不同温度范围内，也能起到补偿作用，可通过其上面的两齿确保卡箍牢固的预安装在软管上，可实现涡轮蜗杆卡箍在软管上的预安装，从而降低胶管的安装节拍，预安装牢固，运输中不会脱落。

Features: YFNQ German head compensation throat clamp is another deformation of German partial head throat clamp, is to add a spring plate inside the belt ring, the spring plate stores a large amount of re-tightening energy when tightening, can maintain long-term radial tightening force, especially suitable for hose connections with large temperature changes, built-in spring and hose shrinkage direction opposite, to ensure sealing effect. The asymmetrical shell sleeve design prevents the pipe clamp from tilting when tightening the clamp, which can ensure the uniform conduction force and installation safety during tightening, and the installation surface has no convex design after assembly, which can ensure that the clamp is evenly contacted by pressure during tightening, ensuring no tightening blind spots, even in different temperature ranges, it can also play a compensating role. The two teeth on top of it can ensure that the clamp is firmly pre installed on the hose, which can achieve pre installation of the worm clamp on the hose, thereby reducing the installation rhythm of the rubber hose. The pre installation is firm and will not fall off during transportation.

产品优势

Product advantages

即便在温差大的工况下，也能保持长久的紧固效果，提高了软管的连接密封稳定性。

even under large temperature differences, it can maintain a long-term tightening effect and improve the connection and sealing stability of the hose.

应用领域

Application areas

适用于汽车、船舶、运输机械制造工业等紧固要求较高的领域。

suitable for automobiles, ships, transportation machinery manufacturing industry and other fields with high fastening requirements.

软管卡箍系列 (TQ T型卡箍)

Hose clamp series (T-bolt clamp)



产品介绍：**TQ** T型强力一种应用于加厚硅胶管密封的卡箍，钢带宽度有：19、20、26、32、38 (mm) 可以提供积极可靠的密封，并且密封压力均匀稳定,长久耐用。

Product introduction: TQ T type strong clamp used in thickening silicone tube sealing, steel belt width: 19, 20, 26, 32, 38 (mm) can provide positive and reliable sealing, and the sealing pressure is uniform and stable, long-term durability.

	材质 Material	W2	W4
1	箍带 Hoop straps	304	304
2	桥板 Bridge plate	304	304
3	三通 tee	304	304
4	螺母 nut	铁镀锌 Iron galvanized	304
5	螺钉 screw	铁镀锌 Iron galvanized	304

调节范围：
67-198mm之间任意选择规格

调节尺寸：8mm

The adjustment range can be selected from 67 to 198mm
The adjustment size is 8mm

产品优势
Product advantages

- 不同制造工艺
· different Manufacturing process
- 使用方便
· Easy to use
- 耐压强度高
· Strong fastening

应用领域
Application areas

- 农业灌溉
· Agricultural irrigation
- 柴油机组
· Automotive industry
- 汽车工业
· Diesel units
- 重型工业
· Automotive industry

软管卡箍系列 (TBS T型弹簧)

Hose clamp series (TBS T-spring)



产品优势

Product advantages

T型弹簧强力卡箍具有装配速度快，拆开便利，卡紧均匀，高极限扭矩可重复运用等优势；能随胶管变形而天然缩短到达卡紧效果，有不一样类型挑选；专为在重型卡车，工业机械，越野设备，农业灌溉和机械中常见的剧烈震动及大直径管道连接紧固应用环境而设计。

T-type spring powerful clamp has the advantages of fast assembly speed, convenient disassembly, uniform clamping, high limit torque and repeatable use; It can naturally shorten the clamping effect with the deformation of the hose, and there are different types to choose; Designed for severe vibration and large diameter pipe connection fastening applications common in heavy trucks, industrial machinery, off-road equipment, agricultural irrigation and machinery.

产品介绍：**TBS** T型弹簧卡箍比普通的T型卡箍增加了螺旋弹簧，以适应更大的接头尺寸变化，利用螺旋弹簧提供一定的恒定压力和补偿能力。可以提供均匀一致的密封压力，保证其可靠的密封性能，它还可以配重型弹簧，比普通弹簧，更适用于大功率重型设备的管路连接。

Product introduction: TBS T spring clamp has added coil springs to ordinary T clamps to adapt to larger joint size changes, and the coil springs are used to provide a certain constant pressure and compensation capacity. It can provide uniform and consistent sealing pressure to ensure its reliable sealing performance, and it can also be equipped with heavy-duty springs, which is more suitable for pipeline connection of high-power heavy equipment than ordinary springs.

材质 Material		W2
1	箍带 Hoop straps	304
2	桥板 Bridge plate	304
3	三通 tee	304
4	螺母 nut	铁镀锌 Iron galvanized
5	弹簧 spring	铁镀锌 Iron galvanized
6	螺钉 screw	铁镀锌 Iron galvanized

应用领域

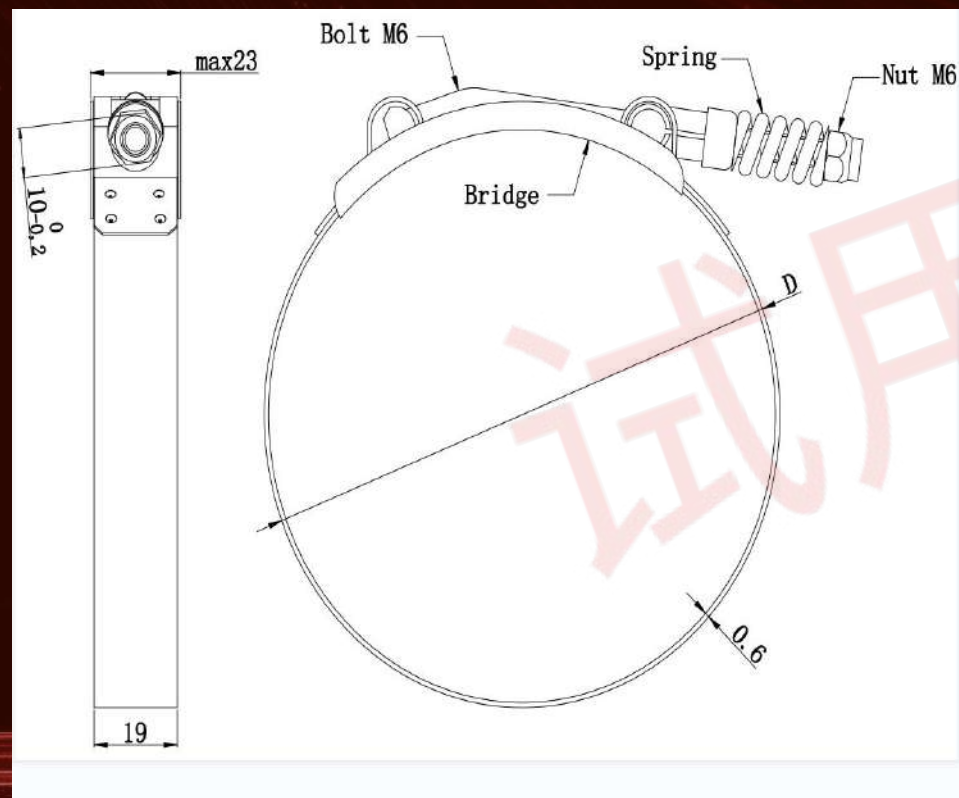
Application areas

普通T型弹簧卡箍应用于柴油内燃机配套胶管连接紧固使用；重型弹簧卡箍适用于排量大的跑车及方程式赛车发动机胶管连接紧固使用。

Ordinary T-type spring clamp is used in diesel internal combustion engineHose connection fastening use； Heavy-duty spring clamp is suitable for sports cars and formula cars with large displacement Racing engine hose connection fastening use.

软管卡箍系列 (TBS T型弹簧)

Hose clamp series (TBS T-spring)



调节范围 : 67-198mm之间任意选择规格

调节尺寸 : 8mm

The adjustment range can be selected from 67 to 198mm
The adjustment size is 8mm

软管卡箍系列 (RST 单头实心强力卡箍)

Hose clamp series (RST single head solid power)



产品介绍：**RTS** 单头实心强力是一种广泛用于灌溉的卡箍，能承受极高的压力，容易安装，钢带宽度有：18、20、22、24、26 (mm) 可以提供可靠的密封性。

Product introduction: RST single head solid strength is a widely used irrigation clamp, can withstand extremely high pressure, easy to install, steel belt width: 18, 20, 22, 24, 26 (mm) can provide reliable sealing.

	材质 Material	W1	W2	W4	W5
1	箍带 Hoop straps	铁镀锌 Iron galvanized	201/304	304	316
2	桥板 Bridge plate	铁镀锌 Iron galvanized	201/304	304	316
3	轴 axis	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	304	316
4	套管 casing	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	304	316
5	螺钉 screw	铁镀锌 Iron galvanized	铁镀锌 Iron galvanized	304	316

产品优势 Product advantages

- 紧固力强
· Strong fastening
- 密封性好
· Good sealing

应用领域 Application areas

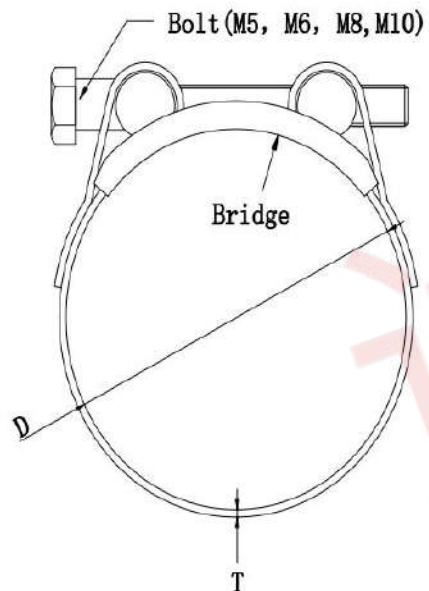
- 特种车辆
· Special vehicles
- 机械制造
· Mechanical engineering
- 发动机制造业
· Engine manufacturing
- 良好的密封性
· Good sealing

用于需要高扭矩要求的工作环境下使用 - 例如农业、灌溉、排水系统、污泥抽吸等当中大型增强软管，尽管处理困难，但对耐用性和安全功能有很高的要求和严峻的条件。桥板的弯曲半径、零件和箍带之间的均匀过渡以及光滑的带底面提供了与软管的良好接触表面，从而实现了良好的密封性。

For use in work environments requiring high torque – such as agriculture, irrigation, drainage systems, sludge suction – and large reinforced hoses – despite the difficulties to handle, there are high demands and harsh conditions for durability and safety features. The bend radius of the bridge, the uniform transition between the part and the stirrup, and the smooth underside of the band provide a good contact surface with the hose for a good seal.

软管卡箍系列 (RST 单头实心强力)

Hose clamp series (RST single head solid power)



Band thickness (Stainless steel: 0.6, 0.8, 1.0, 1.2)

(Steel: 0.6, 1.0, 1.5, 1.7, 2.0)

Bandwidth (W=18, 20, 22, 24, 25, 26, 30)

调节范围 : 19-252mm之间任意选择规格

调节尺寸 : 3-12mm

The adjustment range can be selected from 19 to 252mm
The adjustment size is 3~12mm

软管卡箍系列 (DRST 双头双层强力卡箍)

Hose clamp series (DRST double head double strong)



产品介绍：**DRST** 双头强力卡箍有两个螺钉，可以做反向螺栓也可以做同向螺栓，适用于非常强大的夹紧力，扭矩最高可达30NM。
Product introduction: DRST double head strong clamp has two screws, can be made reverse bolt can also be done same direction bolt, suitable for very strong clamping force, torque up to 30NM.

	材质 Material	W1	W4	W5
1	箍带 Hoop straps	铁镀锌 Iron galvanized	304	316
2	桥板 Bridge plate	铁镀锌 Iron galvanized	304	316
3	轴 axis	铁镀锌 Iron galvanized	304	316
4	螺钉 screw	铁镀锌 Iron galvanized	304	316

产品优势

Product advantages

- 双向螺栓调节
- 大大增加卡箍的可调内径
- 超强的密封性抗震性
- bidirectional Bolt adjustment
- Greatly increased Adjustable clamps Inner diameter
- Super strong Tightness Earthquake resistance

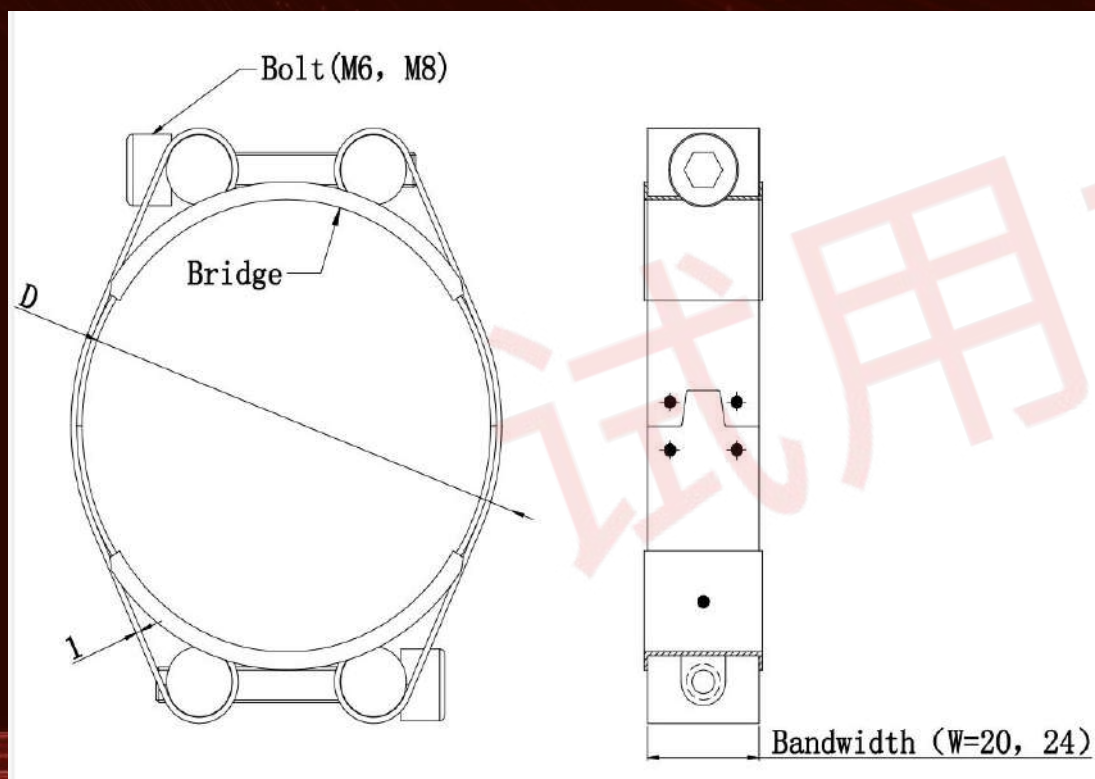
应用领域

Application areas

- 机械制造
- 化学工业
- 灌溉系统
- machine fabricate
- chemistry industry
- irrigate system
- 海洋和造船业
- 铁路行业
- 农业和建筑机械
- Ocean and shipbuilding
- railway industry
- Agriculture and Construction machinery

软管卡箍系列 (DRST 双头双层强力)

Hose clamp series (DRST double head double strong)



调节范围：35-190mm之间任意选择规格

调节尺寸：10mm

The adjustment range can be selected from 35 to 190mm
The adjustment size is 10mm

软管卡箍系列 (OT 单耳无极卡箍)

Hose clamp series (OT monoaural stepless)



应用领域

Application areas

·汽车行业

·Automotive industry

·工业设备

·Industrial equipment

产品介绍：**OT** 单耳无极产品均采用SS300系列材质，提供较好的防腐性能，重量轻，安装便利，表面均匀受力压缩，持久抗破坏的360度密封作用，兼容绝大部分紧固工具。

Product introduction: OT monoaural stepless products are made of SS300 series material, providing good anti-corrosion performance, light weight, convenient installation, uniform force compression on the surface, durable and anti-vandal 360-degree sealing, compatible with most fastening tools.

产品优势

Product advantages

窄带设计：卡紧力更集中，重量对照更轻，干涉更小；360°

无极设计：软管表面均匀受力压缩，360°的密封保障；

耳宽：变形大小可补偿软管硬件公差和调整表面压力，控制卡紧效果；

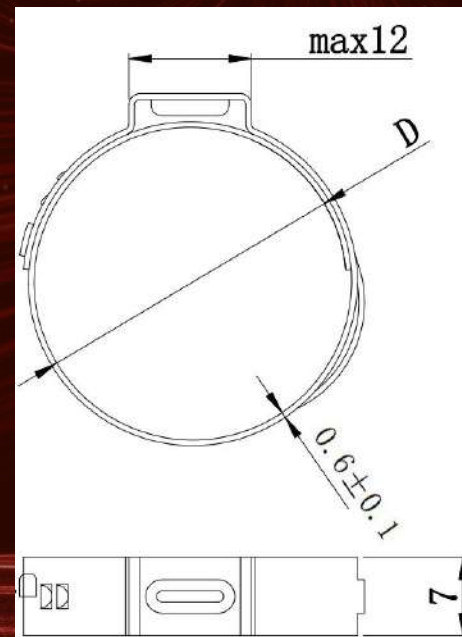
耳蜗设计：提供了强有力的热胀补偿功能，使软管因温度变化引起的尺寸变化得到补偿，从而使管件始终处于良好的被密封及紧固状态磨边工艺特别处理，避免软管受损，工装安全。

Narrow band design: more concentrated clamping force, lighter weight control, less interference; 360°

Stepless design: uniform force compression on the surface of the hose, 360° sealing guarantee;

Ear width: the deformation size can compensate for the hardware tolerance of the hose and adjust the surface pressure, and control the clamping effect;

Cochlear design: provides a strong thermal expansion compensation function, so that the size change caused by the temperature change of the hose is compensated, so that the pipe fittings are always in a good sealed and fastened state. The edging process is specially treated to avoid damage to the hose and safe tooling.



软管卡箍系列 (OT 单耳无极)

Hose clamp series (OT monoaural stepless)



序号	规格 specification	内耳宽 The inner ear is wide	夹紧力 Clamping force	序号 serial number	规格 specification	内耳宽 The inner ear is wide	夹紧力 Clamping force	序号 serial number	规格 specification	内耳宽 The inner ear is wide	夹紧力 Clamping force
S5065	5.3-6.5	4	1000N	S7123	9.8-12.3	8	2100N	S7162	13.7-16.2	8	2100N
S5070	5.8-7.0	4	1000N	S7128	10.3-12.8	8	2100N	S7166	14.1-16.6	8	2100N
S5080	6.8-8.0	4	1000N	S7133	10.8-13.3	8	2100N	S7168	14.3-16.8	8	2100N
S5087	7.0-8.7	5.5	1000N	S7138	11.3-13.8	8	2100N	S7170	14.5-17.0	8	2100N
S5090	7.3-9.0	5.5	1000N	S7140	11.5-14.0	8	2100N	S7175	15.0-17.5	8	2100N
S5095	7.8-9.5	5.5	1000N	S7142	11.7-14.2	8	2100N	S7178	14.6-17.8	10	2400N
S5100	8.3-10.0	5.5	1000N	S7145	12.0-14.5	8	2100N	S7180	14.8-18.0	10	2400N
S5105	8.8-10.5	5.5	1000N	S7148	12.3-14.8	8	2100N	S7185	15.3-18.5	10	2400N
S5109	9.2-10.9	5.5	1000N	S7153	12.8-15.3	8	2100N	S7192	16.0-19.2	10	2400N
S5113	9.6-11.3	5.5	1000N	S7157	13.2-15.7	8	2100N	S7198	16.6-19.8	10	2400N
S5118	10.1-11.8	5.5	2100N	S7160	13.5-16.0	8	2100N	S7210	17.8-21.0	10	2400N
S7119	9.4-11.9	8	2100N								

软管卡箍系列（M 迷你喉箍）

Hose clamp series (M mini hose clamp)



产品介绍：**M** 迷你卡箍有持久的夹紧力，便于安装，适用于小型薄壁软管，对比无螺丝钉卡箍可以为软管提供更好的均匀密封夹紧力。

Product introduction: M mini clamp has long-lasting clamping force for easy installation, suitable for small thin-walled hoses, compared to screwless clamps can provide better uniform sealing clamping force for hoses.

材质 Material	W1	W4
钢带 Steel belt	铁镀锌 Iron galvanized	304
舌板 Tongue plate	铁镀锌 Iron galvanized	304
方母 Fang Mu	铁镀锌 Iron galvanized	304
螺钉 screw	铁镀锌 Iron galvanized	304

产品优势

Product advantages

- 钢带压边可以起到保护软管的作用
- 对于管径尺寸较小的软管对比其他卡箍有更好的密封性
- The steel belt crimped can play the role of protecting the hose
- It compares hoses with smaller pipe diameters Other clamps have better sealing

应用领域

Application areas

- 家用电器
- 机械制造
- 化学工业
- 灌溉系统
- 海洋和造船业
- 铁路行业
- 农业和建筑机械
- Agricultural and construction machinery
- Household appliances
- Mechanical engineering
- chemical industry
- irrigation systems
- Marine and shipbuilding
- Railway industry

软管卡箍系列 (M 迷你喉箍)
Hose clamp series (M mini hose clamp)



带宽 bandwidth	规格 specification	带宽 bandwidth	规格 specification
9mm	7-9mm	9mm	20-22mm
9mm	8-10mm	9mm	21-23mm
9mm	9-11mm	9mm	22-24mm
9mm	10-12mm	9mm	23-25mm
9mm	11-13mm	9mm	24-26mm
9mm	12-14mm	9mm	25-27mm
9mm	13-15mm	9mm	26-28mm
9mm	14-16mm	9mm	27-29mm
9mm	15-17mm	9mm	28-30mm
9mm	16-18mm	9mm	29-31mm
9mm	17-19mm	9mm	30-32mm
9mm	18-20mm	9mm	31-33mm
9mm	19-21mm	9mm	32-34mm

软管卡箍系列（Y 英式卡箍）

Hose clamp series (British clamp)



产品介绍：Y 独特的箍壳铆接结构，保持长久稳定的卡箍紧固力，卡箍内表面光滑，防止对连接软管造成损伤或损害，可以为软管提供更好的均匀密封夹紧力。

The unique riveting structure of the clamp shell maintains a long-term and stable clamp tightening force, and the inner surface of the clamp is smooth to prevent damage or damage to the connecting hose. It can provide better uniform sealing and clamping force for the hose.

材质 Material	W1	W4
钢带 Steel belt	铁镀锌 Iron galvanized	304
舌板 Tongue plate	铁镀锌 Iron galvanized	304
方母 Fang Mu	铁镀锌 Iron galvanized	304
螺钉 screw	铁镀锌 Iron galvanized	304

产品优势

Product advantages

- 独特的箍壳铆接结构，保持长久稳定的卡箍紧固力
- 卡箍内表面光滑，防止对连接软管造成损伤或损害

- Unique clamp shell riveting structure, maintaining long-term stable clamp fastening force
- The inner surface of the clamp is smooth to prevent damage or damage to the connecting hose

应用领域

Application areas

- 家用电器
 - 机械制造
 - 化学工业
- 灌溉系统
 - 海洋和造船业
 - 铁路行业
- 农业和建筑机械
- Household appliances
 - Mechanical engineering
 - chemical industry
- irrigation systems
 - Marine and shipbuilding
 - Railway industry
- Agricultural and construction machinery

软管卡箍系列（Y 英式卡箍）

Hose clamp series (British clamp)



带宽 bandwidth	规格 specification	带宽 bandwidth	规格 specification
9.7mm	9.5-12mm	12mm	85-100mm
9.7mm	13-20mm	12mm	90-120mm
12mm	18-22mm	12mm	100-125mm
12mm	18-25mm	12mm	130-150mm
12mm	22-30mm	12mm	130-160mm
12mm	25-35mm	12mm	150-180mm
12mm	30-40mm	12mm	170-200mm
12mm	35-50mm	12mm	190-230mm
12mm	40-55mm		
12mm	45-60mm		
12mm	55-70mm		
12mm	60-80mm		
12mm	70-90mm		

固定卡箍系列（SR 连胶条卡箍）

Fixed clamp series (SR with strip clamp)



产品介绍：**SR** 连胶条卡箍夹主要用于固定管道、软管和电缆，钢带带有加强型螺栓孔，橡胶可以有效防止振动和渗水，并且能起到绝缘的作用。

Product introduction:SR with rubber strip clamp is mainly used to fix pipes, hoses and cables, steel belt with reinforced bolt holes, rubber can effectively prevent vibration and water seepage, and can play the role of insulation.

材质 Material	W1	W4
钢带 Steel belt	铁镀锌 Iron galvanized	304
铆片 Rivets	铁镀锌 Iron galvanized	304
胶皮 Rubber	EPDM	EPDM

产品优势

Product advantages

·安装方便，紧固牢固，橡胶型材质可防止振动和渗水，吸音并防止接触腐蚀。

·Easy installation, firm fastening, rubber type material can prevent vibration and water seepage, sound absorption and prevent contact corrosion.

应用领域

Application areas

- 石油化工
·重型机械
·电力
·petrochemical
·heavy machinery
·electric power
- 钢铁
·冶金矿山
·船舶
·steel
·metallurgical mines
·ships
- 海上工程
·offshore engineering

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规格 specification	带宽 bandwidth	料厚 Material thickness	带宽 bandwidth	料厚 Material thickness	带宽 bandwidth	料厚 Material thicknes
4mm	12mm	0.6mm				
6mm	12mm	0.6mm	15mm	0.6mm		
8mm	12mm	0.6mm	15mm	0.6mm		
10mm	12mm	0.6mm	15mm	0.6mm		
12mm	12mm	0.6mm	15mm	0.6mm		
14mm	12mm	0.8mm	15mm	0.6mm	20mm	0.8mm
16mm	12mm	0.8mm	15mm	0.8mm	20mm	0.8mm
18mm	12mm	0.8mm	15mm	0.8mm	20mm	0.8mm
20mm	12mm	0.8mm	15mm	0.8mm	20mm	0.8mm

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规格 specification	带宽 bandwidth	料厚 Material thickness	带宽 bandwidth	料厚 Material thickness	带宽 bandwidth	料厚 Material thickness
22mm	12mm	0.8mm	15mm	0.8mm	20mm	0.8mm
24mm	12mm	0.8mm	15mm	0.8mm	20mm	0.8mm
26mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
28mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
30mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
32mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
34mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
36mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
38mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
40mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
42mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
44mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
46mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
48mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm
50mm	12mm	0.8mm	15mm	0.8mm	20mm	1.0mm

硬管卡箍系列 (RFQ V-band)

RFQ V-Band



产品介绍： **RFQ** V-band特别为国六后处理系统SCR(选择性催化器)、DPF(柴油机颗粒物捕捉器)总成设计使用。

Product introduction: RFQ V-shaped clamp is specially designed and used for China VI aftertreatment system SCR (selective catalytic converter) and DPF (diesel engine particulate matter trap) assembly.

产品优势

Product advantages

耐高温、耐振动、密封性好，可根据不同客户要求，使用环境，制定不同尺寸，规格及材质。

high temperature resistance, vibration resistance, good sealing, according to different customer requirements, use environment, different sizes, specifications and materials.

应用领域

Application areas

广泛应用于过滤器卡帽、重型柴油机、涡轮增压系统，排放系统和需要法兰连接（针对法兰提供快速、安全连接）的工业应用。

Widely used in filter caps, heavy-duty diesel engines, turbocharging systems, discharge systems and industrial applications requiring flange connection (for flange to provide a fast and safe connection).



非常期待与您的合作

We look forward to working with you



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