

BEISIT[®]

倍仕得电气科技(杭州)股份有限公司
BEISIT ELECTRIC TECH (HANGZHOU) CO.,LTD.



Ex d Cable Glands

隔爆型电缆固定头

Ex e Cable Glands

增安型电缆固定头

Accessories

相关配件

倍仕得园区鸟瞰图
Beisit factory Aeroview



董事长寄语
Chairman Send Words

做人，把人品做好；
做企业，把产品做好。

董事长：常马一

品牌解析

Brand Definition

BEISIT[®]

"I" stands for "Integrity 诚信"

"I" stands for "International 国际"

"BEST": Best 最好

做诚信的国际企业，以更好的品质服务客户

Functions as an international company of high integrity whose mission is to provide customer with finest products and services

倍仕得

倍：即多，广聚英才；加倍，业精于勤；倍增，高效发展

pronounced as "bei", means "more", gathering more talents; mastery of work comes from more diligence; developing with high efficiency.

仕：人才，德才兼备；仕途，个人和企业前景光明

pronounced as "shi", means "talents", a person with ability and integrity; Both enterprise and individual should have a bright future, indicating the idea of people-oriented.

得：拥有，拥有更高价值

pronounced as "de", means "possess", to create and possess higher value.

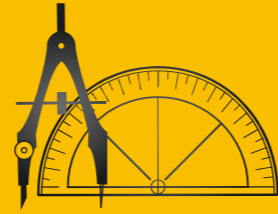
广聚英才，共创美好未来

Gather a large number of talents, and create a glorious future

研发中心
R&D Center

BEISIT

强大的产品研发能力
Strong and Efficient R&D



模具中心
Mold Processing Center

BEISIT

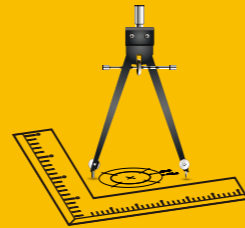
精密模具设计制造能力
Ability for Designing and Manufacturing of Precise Mould
为客户特殊定制能力
Customization.



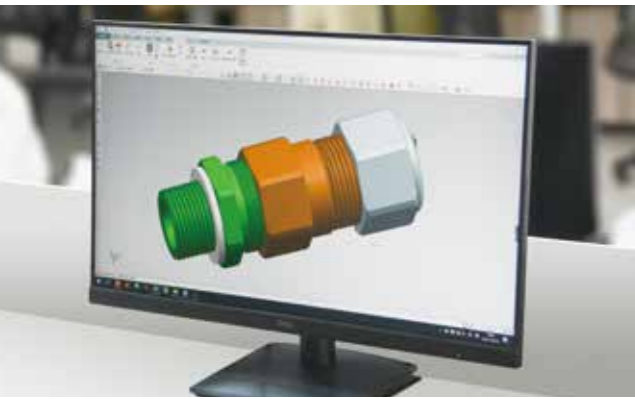
精密刀具设计制造
Design and Manufacture of Precise Cutting Tools



精密刀具设计制造能力
Design and Manufacture of Precision Cutting Tools.



为客户定制精密金属产品
High-precision Customized Metal products.



检测中心
Testing Center

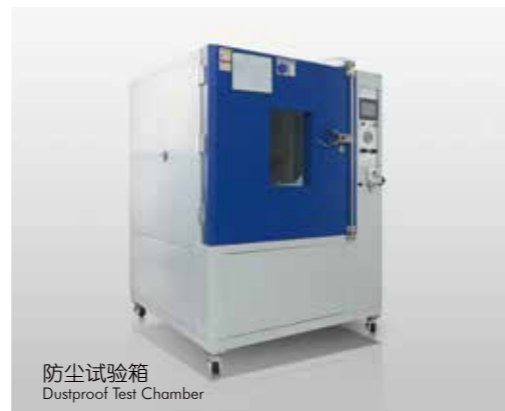
BEISIT

专业的检测设备
Professional Testing Equipment



BEISIT

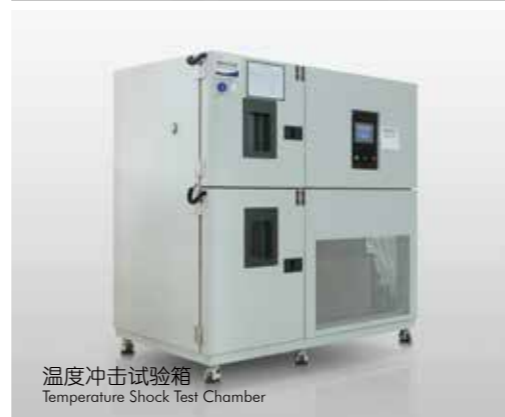
倍仕得产品检验遵循德国DIN、VDE标准和美国UL标准
Product Tests follow German standard of DIN, VDE and American UL Standard.
产品符合欧洲最新EN标准和ATEX标准
Comply with Latest of EN and ATEX European standard.



防尘试验箱
Dustproof Test Chamber



防水试验箱
Waterproof Test Chamber



温度冲击试验箱
Temperature Shock Test Chamber



万能材料试验机
Universal material Test Machine



水平垂直燃烧测试仪
Horizontal and Vertical Combustion Tester

紫外老化试验箱
UV Aging Test Chamber

高温试验箱
High Temperature Test Chamber

一体式马弗炉
Integrated Muffle Furnace

企业认证
Company Certifications



ISO9001

ISO14001

ISO45001

信息化系统
Informatization System



高效快捷的信息化系统
Efficient and fast Informatization system.



产品认证
Product Certifications

产品测试
Product Tests



ATEX

CJEX

IECEX

CCC

CE



IP68

RoHS

拉力试验

耐寒试验

耐热试验





倍仕得使命：为全球工业提供最可靠的连接器产品
Mission: To supply most reliable connectors for global industry.

客户价值观：敬畏客户；为客户创造独特价值的决心不动摇
Customer Value: Revere clients; Never waver in determination to create unique value for our clients.

品质价值观：品质如命，只有一次；做出100%合格产品的决心不动摇
Quality Value: Quality as life, only once. Never waver in determination to produce 100% qualified products.



产品目录

Technical Appendix	01 应用领域	Exe	69 M型/M加长型增安尼龙电缆固定头
	02 爆炸性环境		70 PG型/PG加长型增安尼龙电缆固定头
	04 电气设备再分类及其代表性物质/设备防护		71 NPT型增安尼龙电缆固定头
	06 防护类型及标准		72 M型/M加长型增安金属电缆固定头
	08 密封材料的选用		73 PG型/PG加长型增安金属电缆固定头
	10 各种材料特性与表面处理		74 NPT型增安金属电缆固定头
	12 盐雾测试/胶泥材料的选用		75 加强型M/M加长增安金属电缆固定头
	14 IP防护等级/IP防护指南		76 加强型PG/PG加长增安金属电缆固定头
	16 技术螺纹规格说明		77 加强型NPT增安金属电缆固定头
	17 产品命名规则		78 尼龙六角螺母
	18 选型指南		79 金属六角螺母
	28 隔爆单密封电缆固定头		80 带齿金属六角螺母
	29 M型隔爆单密封电缆固定头		81 PTFE垫片
	30 NPT型隔爆单密封电缆固定头		82 硅胶垫片
	31 隔爆单密封电缆固定头安装作业指导书		83 无石棉垫片
	32 隔爆双密封电缆固定头		84 防震垫片
	33 M型隔爆双密封电缆固定头		85 接地片
	34 NPT型隔爆双密封电缆固定头		86 护套
35 隔爆双密封电缆固定头安装作业指导书	87 防爆圆形堵塞件		
36 隔爆单密封带填料电缆固定头	88 防爆金属圆形堵塞件		
37 M型隔爆单密封带填料电缆固定头	89 防爆金属六角形堵塞件		
38 NPT型隔爆单密封带填料电缆固定头	90 防爆金属缩径环		
39 隔爆单密封带填料电缆固定头安装作业指导书	92 防爆金属扩径环		
40 隔爆铠装双密封电缆固定头	93 防爆金属变径环		
41 M型隔爆铠装双密封电缆固定头			
42 NPT型隔爆铠装双密封电缆固定头			
43 隔爆铠装双密封电缆固定头安装作业指导书			
45 隔爆铠装双密封双锁紧电缆固定头			
46 M型隔爆铠装双密封双锁紧电缆固定头			
47 NPT型隔爆铠装双密封双锁紧电缆固定头			
48 隔爆铠装双密封双锁紧电缆固定头安装作业指导书			
50 隔爆铠装单密封带填料电缆固定头			
51 M型隔爆铠装单密封带填料电缆固定头			
52 NPT型隔爆铠装单密封带填料电缆固定头			
53 隔爆铠装单密封带填料电缆固定头安装作业指导书			
55 隔爆铠装单密封双锁紧带填料电缆固定头			
56 M型隔爆铠装单密封双锁紧带填料电缆固定头			
57 NPT型隔爆铠装单密封双锁紧带填料电缆固定头			
58 隔爆铠装单密封双锁紧带填料电缆固定头安装作业指导书			
60 隔爆单密封带接线管电缆固定头			
61 M型隔爆单密封带接线管电缆固定头			
62 NPT型隔爆单密封带接线管电缆固定头			
63 隔爆单密封带接线管电缆固定头安装作业指导书			
64 隔爆单密封带填料带接线管电缆固定头			
65 M型隔爆单密封带填料带接线管电缆固定头			
66 NPT型隔爆单密封带填料带接线管电缆固定头			
67 隔爆单密封带填料带接线管电缆固定头安装作业指导书			

Linking with the World
Connecting to the Future



INDEX

Technical Appendix	01 Application Fields	69 Metric Type/Metric Length Type Exe Nylon Cable Glands
	03 Explosive atmospheres	70 PG Type/PG-Length Type Exe Nylon Cable Glands
	05 Reclassification of electrical equipment and its representative substances Equipment protection	71 NPT Type Exe Nylon Cable Glands
	07 Protection type and standard	72 Metric Type/Metric Length Type Exe Metal Cable Glands
	09 Selection of sealing materials	73 PG Type/PG-Length Type Exe Metal Cable Glands
	11 Properties and Surface Treatment for Various Materials	74 NPT Type Exe Metal Cable Glands
	13 Salt Spray Test/Selection of sealing glue	75 Metric Type/Metric-Length Type Exe Metal Cable Glands-Reinforced Type
	15 IP Protection Classification	76 PG/PG-Length Type Exe Metal Cable Glands-Reinforced Type
	16 Technical Information	77 NPT Type Exe Metal Cable Glands-Reinforced Type
	17 Product naming rules	78 Nylon LockNuts
	23 Selection Guide	79 Metal LockNuts
	28 Single Sealing Exd Cable Gland	80 Serrated Metal Lock Nut
	29 Metric Type Single Sealing Exd Cable Gland	81 PTFE Gasket
	30 NPT Type Single Sealing Exd Cable Gland	82 Silicone Rubber Gasket
	31 Installation Instructions for Single Sealing Explosion-proof Cable Gland	83 M Type/NPT Type Gasket
	32 Double Sealing Exd Cable Gland	84 Anti-vibration Gasket
	33 Metric Type Double Sealing Exd Cable Gland	85 Earth tags
	34 NPT Type Double Sealing Exd Cable Gland	86 Sheath
	35 Installation Instructions for Double Sealing Explosion-proof Cable Gland	87 Ex Nylon Screw Plugs
	36 Single Sealing Filling Exd Cable Gland	88 Ex Round Metal Screw Plugs
	37 Metric Type Single Sealing Filling Exd Cable Gland	89 Ex Hexagon Metal Screw Plugs
	38 NPT Type Single Sealing Filling Exd Cable Gland	90 Ex Metal Reducer
	39 Installation Instructions for Single Sealing Explosion-proof Cable Gland with Filling	92 Ex Metal Enlarger
	40 Double Sealing Armoured Exd Cable Gland	93 Ex Metal Adapter
	41 Metric Type Double Sealing Armoured Exd Cable Gland	
	42 NPT Type Double Sealing Armoured Exd Cable Gland	
	43 Installation Instructions for Armored Wire Double Sealing Explosion-proof Cable Gland	
	45 Armoured Double Seal Centric Strain Relief Exd Cable Gland	
	46 Metric Type Armoured Double Seal Centric Strain Relief Exd Cable Gland	
	47 NPT Type Armoured Double Seal Centric Strain Relief Exd Cable Gland	
	48 Installation Instructions for Armored Wire Double Sealing Double Locking Explosion-proof Cable Gland	
	50 Single Sealing Filling Armoured Exd Cable Gland	
	51 Metric Type Single Sealing Filling Armoured Exd Cable Gland	
	52 NPT Type Armoured Single Sealing Filling Exd Cable Gland	
	53 Installation Instructions for Armored Wire Single Sealing Explosion-proof Cable Gland with Filling	
	55 Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland	
	56 Metric Type Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland	
	57 NPT Type Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland	
	58 Installation Instructions for Armored Wire Single Sealing Double Locking Explosion-proof Cable Gland with Filling	
	60 Single Sealing Tube Exd Cable Gland	
	61 Metric Type Single Sealing Tube Exd Cable Gland	
	62 NPT Type Single Sealing Tube Exd Cable Gland	
	63 Installation Instructions for Single Sealing Explosion-proof Cable Gland with Flexible Tube	
	64 Single Sealing Filling Tube Exd Cable Gland	
	65 Metric Type Single Sealing Filling Tube Exd Cable Gland	
	66 NPT Type Single Sealing Filling Tube Exd Cable Gland	
	67 Installation Instructions for Single Seal Explosion-proof Cable Gland with Filling and Flexible Tube	
Exd		

Exe	69 Metric Type/Metric Length Type Exe Nylon Cable Glands
	70 PG Type/PG-Length Type Exe Nylon Cable Glands
	71 NPT Type Exe Nylon Cable Glands
	72 Metric Type/Metric Length Type Exe Metal Cable Glands
	73 PG Type/PG-Length Type Exe Metal Cable Glands
	74 NPT Type Exe Metal Cable Glands
	75 Metric Type/Metric-Length Type Exe Metal Cable Glands-Reinforced Type
	76 PG/PG-Length Type Exe Metal Cable Glands-Reinforced Type
	77 NPT Type Exe Metal Cable Glands-Reinforced Type
	78 Nylon LockNuts
	79 Metal LockNuts
	80 Serrated Metal Lock Nut
	81 PTFE Gasket
	82 Silicone Rubber Gasket
	83 M Type/NPT Type Gasket
	84 Anti-vibration Gasket
	85 Earth tags
	86 Sheath
	87 Ex Nylon Screw Plugs
	88 Ex Round Metal Screw Plugs
	89 Ex Hexagon Metal Screw Plugs
	90 Ex Metal Reducer
	92 Ex Metal Enlarger
	93 Ex Metal Adapter
Accessories	

应用领域 Application Fields



I类

矿用防爆领域 Explosion-proof fields for Mines

矿用防爆领域：煤矿、矿山具有瓦斯等爆炸性气体突出的场所。
Coal mines, mines where full of gas and other explosive gases.

II类

工厂用防爆领域 Explosion-proof field for factory

工厂用防爆领域：除煤矿、矿山外的所有场所，如：石油、天然气、化工、轻纺、医药、军工等企业。
All places except coal mines and mines, such as petroleum, natural gas, chemical, textile, pharmaceutical, military and other industries.

煤矿 Coal mine



煤矿 Coal mine



煤矿 Coal mine



化工 Chemical industry



化工 Chemical industry



生物制药 Pharmaceuticals



石油 Petroleum



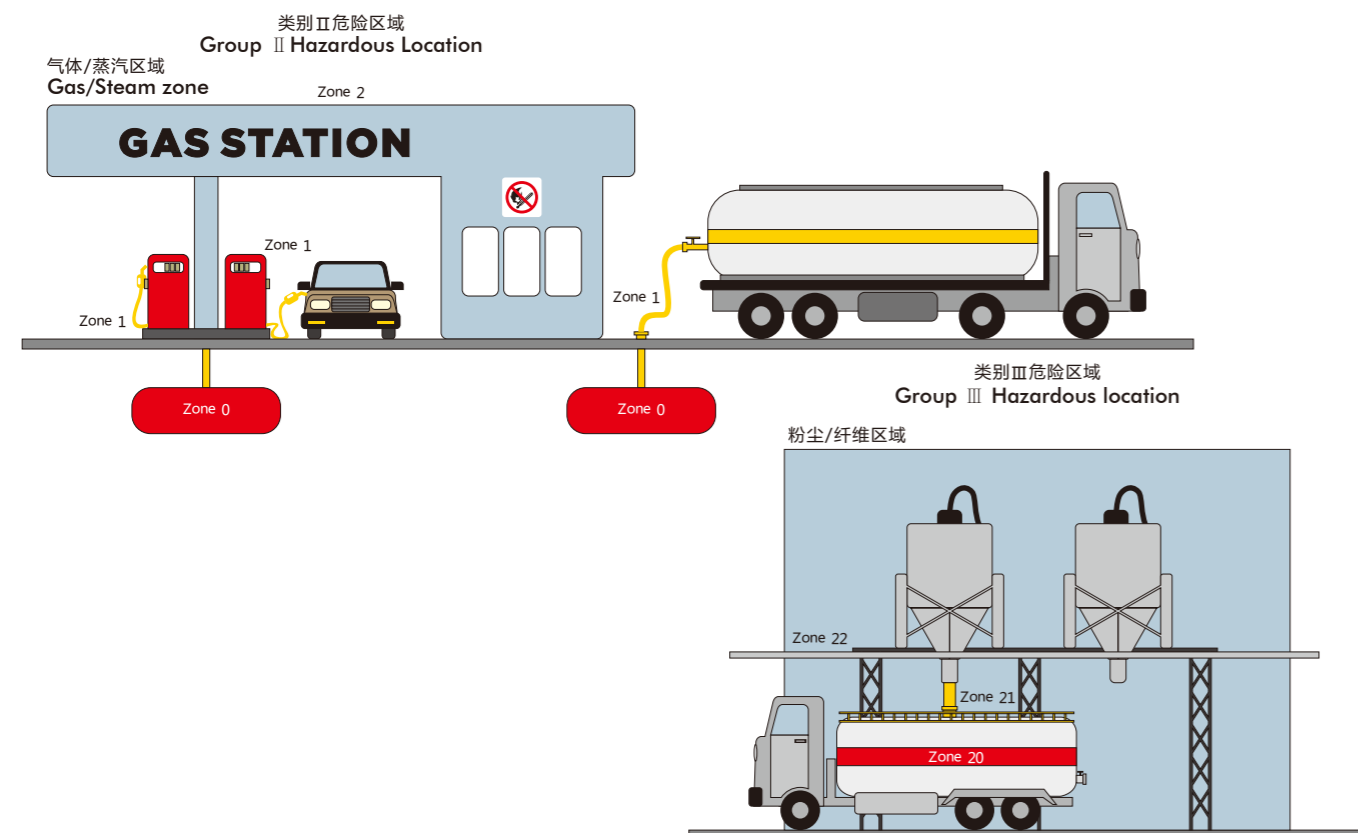
石油 Petroleum



天然气 Natural gas



产生爆炸的三大条件 Three conditions for explosion	(1) 燃料; (2) 氧气; (3) 火源。 (1) Fuel (2) Oxygen (3) Fire Source
以上任意一个条件缺失, 就不会产生爆炸。 Absence of above conditions, there will be no explosion.	
潜在爆炸环境 Potentially Explosive atmospheres	潜在爆炸环境是指有可燃物和氧气的混合环境, 氧气作为空气的一部分普遍存在于周围环境中。如果氧气含量低于可燃物所需的阈值, 即氧气极限浓度, 那么这样的混合物就不会被点燃。 Potentially explosive environment refers to a mixture of combustibles and oxygen, Oxygen is ubiquitous in the environment as a part of the air. If the oxygen content is below the threshold required for combustible combustion, known as the oxygen limit concentration, then such mixtures will not be ignited.



危险性区域定义 Hazardous area definition		
气体 Gas	0区 Zone 0	易燃易爆气体持续存在或长时间存在的区域 (如每年超过1000小时)。 Areas where flammable and explosive gases persist or exist for a long time (such as more than 1,000 hours per year).
	1区 Zone 1	易燃易爆气体在正常运行状态时存在的区域 (如每年10-1000小时)。 Areas where flammable and explosive gases exist during normal operation (such as 10-1000 hours per year).
	2区 Zone 2	易燃易爆气体在正常运行状态时通常不存在, 但如果有也仅存在短暂的时间 (如每年少于10小时)。 Areas where flammable and explosive gases usually do not exist during normal operation, but if there are, they only exist for a short time (such as less than 10 hours per year).
粉尘 Dust	20区 Zone 20	爆炸性粉尘或可燃纤维与空气的混合物持续存在或长时间存在的区域。 Areas where explosive dust or a mixture of combustible fibers and air persists or exists for a long time.
	21区 Zone 21	爆炸性粉尘或可燃纤维与空气的混合物可能出现的区域。 Areas where explosive dust or a mixture of combustible fibers and air may occur.
	22区 Zone 22	爆炸性粉尘或可燃纤维与空气的结合物不可能出现, 即使出现也是偶尔的或短时间的。 Areas where Explosive dust or combustible fibers combined with air are unlikely to appear, and even if it appears, it is occasional or short-term.

工矿类别 Industrial and mining category	气体类别及代表性物质 Gas categories and representative substances		粉尘类别及代表 Dust category and representative	
矿井下 Underground	I	甲烷 Methane		
矿井外 Outside the mine	II A	丙烷 Propane	III A	可燃性飞絮 Combustible flyings
	II B	乙烯 Ethylene	III B	非导电性粉尘 Non-conductive dust
	II C	氢气 Hydrogen	III C	导电性粉尘 Conductive dust

设备防护
Equipment protection

设备保护级别、保护特性和运行条件 Equipment protection level, protection characteristics and operating conditions			
设备类别 Equipment category	设备保护级别 EPL	设备保护特性 Equipment protection features	运行条件 Operating conditions
I类 煤矿 Group I Coal Mine	Ma 很高 Ma Very high	两个单独保护措施或即使两个故障彼此单独出现依然安全。 Two separate safeguards or even if two failures occur separately from each other, they are still safe.	当出现爆炸性环境时设备依然运行。 The equipment is operated when an explosive environment is present.
	Mb 高 Mb high	适合正常操作和严酷运行条件。 Suitable for normal operation and severe operating conditions.	当出现爆炸性环境时设备断电。 When an explosive environment is present, the device is powered off.
II类 气体 Group II Gas	Ga 很高 Ga Very high	两个单独保护措施或即使两个故障彼此单独出现依然安全。 Two separate safeguards or even if two failures occur separately from each other, they are still safe.	在0区、1区和2区设备依然运行。 Devices are still running in zone 0, zone 1, and zone 2.
	Gb 高 Gb High	适合正常运行和经常出现干扰或正常考虑故障的设备。 Suitable for normal operation and equipment that often interferes or normally considers faults.	在1区和2区设备依然运行。 The equipment is still running in Zone 1 and Zone 2.
	Gc 一般 Gc General	适合正常运行。 Suitable for normal operation.	在2区设备依然运行。 The equipment is still running in zone 2.
III类 粉尘 Group III Dust	Da 很高 Da Very high	两个单独保护措施或即使两个故障彼此单独出现依然安全。 Two separate safeguards or even if two failures occur separately from each other, they are still safe.	在20区、21区和22区设备依然运行。 The equipment is still running in Zone 20, Zone 21 and Zone 22.
	Db 高 Db High	适合正常运行和经常出现干扰或正常考虑故障的设备。 Suitable for normal operation and equipment that often interferes or normally considers faults.	在21区和22区设备依然运行。 Equipment is still running in Zone 21 and Zone 22.
	Dc 一般 Dc General	适合正常运行。 Suitable for normal operation.	在22区设备依然运行。 The equipment is still running in zone 22.

Technical Appendix

Technical Appendix

Exd

Exd

Exe

Exe

Accessories

Accessories

设备类别 Equipment Category	EPL等级 EPL Level	防护类型 Type of protection	代码 Code	IEC标准 IEC standard	GB标准 GB standard	适用区域 Applicable area
I类煤矿 Group I Coal Mine	Ma	浇封型 Encapsulation	ma	IEC 60079-18	GB 3836.9-2006	
		本质安全型 Intrinsically safe	ia	IEC 60079-11	GB 3836.4-2010	
	Mb	浇封型 Encapsulation	mb	IEC 60079-18	GB 3836.9-2006	
		本质安全型 Intrinsically safe	ib	IEC 60079-11	GB 3836.4-2010	
		隔爆型 Flameproof enclosures	d	IEC 60079-1	GB 3836.2-2010	
		增安型 Increased safety	e	IEC 60079-7	GB 3836.3-2010	
		正压型 Positive pressure	px	IEC 60079-2	GB 3836.5-2004	
充砂型 Sand-filled	q	IEC 60079-5	GB 3836.7-2004			
II类气体 Group II Gas	Ga	浇封型 Encapsulation	ma	IEC 60079-18	GB 3836.9-2006	0、1、2
		本质安全型 Intrinsically safe	ia	IEC 60079-11	GB 3836.4-2010	
	Gb	浇封型 Encapsulation	mb	IEC 60079-18	GB 3836.9-2006	1、2
		本质安全型 Intrinsically safe	ib	IEC 60079-11	GB 3836.4-2010	
		隔爆型 Flameproof enclosures	d	IEC 60079-1	GB 3836.2-2010	
		增安型 Increased safety	e	IEC 60079-7	GB 3836.3-2010	
		油浸型 Oil immersion type	o	IEC 60079-6	GB 3836.6-2004	
		正压型 Positive pressure	Px&py	IEC 60079-2	GB 3836.5-2004	
	Gc	充砂型 Sand-filled	q	IEC 60079-5	GB 3836.7-2004	2
		浇封型 Encapsulation	mc	IEC 60079-18	GB 3836.9-2006	
		本质安全型 Intrinsically safe	ic	IEC 60079-11	GB 3836.4-2010	
		增安型 Increased safety	e	IEC 60079-7	GB 3836.3-2010	
		无火花型 Non-sparking	nA	IEC 60079-15	GB 3836.8-2003	
		有火花型 Sparkling equipment	nC	IEC 60079-15	GB 3836.8-2003	
限制呼吸型 Restricted breathing		nR	IEC 60079-15	GB 3836.8-2003		
限制能量型 Energy Limitation		nL	IEC 60079-15	GB 3836.8-2003		
III类粉尘 Group III Dust	Da	浇封型 Encapsulation	ma	IEC 60079-18	GB 12476.6-2010	20、21、22
		本质安全型 Intrinsically safe	ia	IEC 60079-11	GB 12476.4-2010	
		外壳保护型 Protection by enclosure	ta	IEC 60079-31	IEC 61241-1	
	Db	浇封型 Encapsulation	mb	IEC 60079-18	GB 12476.6-2010	21、22
		本质安全型 Intrinsically safe	ib	IEC 60079-11	GB 12476.4-2010	
		外壳保护型 Protection by enclosure	tb	IEC 60079-31	IEC 61241-1	
	Dc	正压型 Positive pressure	p	IEC 61241-4	GB 12476.7-2010	22
		浇封型 Encapsulation	mc	IEC 60079-18	GB 12476.6-2010	
		本质安全型 Intrinsically safe	ic	IEC 60079-11	GB 12476.4-2010	
		外壳保护型 Protection by enclosure	tc	IEC 60079-31	IEC 61241-1	
		正压型 Positive pressure	p	IEC 61241-4	GB 12476.7-2010	

注: 根据我国国情, 部分增安型“e”仅适用于2区, 详见GB 3836.15-2000.
Note: According to my country's national conditions, part of the increased safety "e" is only applicable to Zone 2, see GB 3836.15-2000 for details.

名称牌号 Name	材料特性 Properties of Materials	应用 Application
硅橡胶 Silicone	<ol style="list-style-type: none"> 1. 高温性能: 在200℃以上的高温环境下, 硅橡胶仍能保持一定的柔韧性、回弹性和表面硬度, 且力学性能无明显变化。 2. 低温性能: 硅橡胶的玻璃化温度为-70~-50℃, 特殊配方可达到-100℃。 3. 电气性能: 硅橡胶具有优异的绝缘性能, 耐电晕性和耐电弧性好。 4. 物理机械性能: 硅橡胶常温下的物理机械性能比通用橡胶差, 但在150℃的高温-50℃的低温下, 其物理机械性能优于通用橡胶。 5. 耐油及化学试剂性: 普通硅橡胶具有中等的耐油、耐溶剂性能。 	<p>硅橡胶密封件在极限温度及压力下, 有良好的适用性。</p> <p>Excellent high and low temperature properties. Fair physical properties.</p>
无石棉 Asbestos free	<p>具有高的拉伸强度, 低的吸油性, 同时具有良好的压缩性及回弹性, 耐热性优良。</p> <p>It has high tensile strength, low oil absorption, good compressibility and resilience, and excellent heat resistance.</p>	<p>用于蒸汽、酸、碱、油类溶剂等介质, 广泛用于化工、轻工、炼油、机械、汽车、煤气、天然气等行业。</p> <p>Used for steam, acid, alkali, oil solvent and other media, widely used in chemical industry, light industry, oil refining, machinery, automobile, gas, natural gas and other industries.</p>
PTFE 聚四氟乙烯	<p>优异的耐高低温性能, 很好的电绝缘性能、耐候性、阻燃性良好, 化学性能稳定。</p> <p>Excellent high and low temperature resistance, good electrical insulation, weather resistance, good flame retardancy, stable chemical properties.</p>	<p>用于化工、石油、纺织、电子电气、医疗、机械等领域。</p> <p>Used in chemical, petroleum, textile, electronic and electrical, medical, machinery and other fields.</p>
倍仕得特殊定制弹性体 The special customize rubber parts of Beisit.	<ol style="list-style-type: none"> 1. 具有优异的绝缘性能, 耐电晕性和耐电弧性良好。 2. 具有良好的耐油、耐溶剂性能。 	<p>本产品多用于防爆等项目领域。</p> <p>Application for Explosion Proof, etc.</p>



名称牌号 Name		材料特性 Properties of Materials	应用 Application
尼龙 Nylon	PA6	碳纤维增强尼龙6符合材料具有优良的尺寸稳定性及优异的机械强度。能满足静电消散和静电放电防护的要求。材料经特殊配制，适用于从0到10欧姆的表面电阻范围，可用于注塑及挤出成型。导电尼龙6有很多超越金属优点：零件质轻、强度高、耐腐蚀、耐磨、耐高温等特点。 Carbon fiber reinforced nylon 6 conforms to the material with excellent dimensional stability and excellent mechanical strength. It can meet the requirements of electrostatic dissipation and electrostatic discharge protection. The material is specially formulated, suitable for the surface resistance range from 0 to 10 ohms, and can be used for injection molding and extrusion molding. Conductive nylon 6 has many advantages over metal: light parts, high strength, corrosion resistance, wear resistance, high temperature resistance and other characteristics.	广泛应用于机械、仪器仪表、电子、电器、铁路、家电、通讯、等电器工程。 Widely used in machinery, instrumentation, electronic appliances, railways, home appliances, communications, and other electrical engineering.
黄铜 Brass	HPb59-1	HPb59-1是应用较广的铅黄铜，可切削性好，有良好的力学性能，能承受冷、热压力加工，易纤维和焊接，对一般腐蚀有良好的稳定性，但有腐蚀破裂倾向。 HPb59-1 is a widely used lead brass with good machinability and good mechanical properties. It can withstand cold and hot pressure processing, it's easy to be wired and welded, and has good stability to general corrosion, but it has corrosion cracking tendency.	适于以热冲压和切削加工制作得各种结构零件，如螺钉、垫圈、衬套、螺帽、喷嘴等。 It is suitable for various structural parts such as screws, washers, bushings, nuts, nozzles, etc. produced by hot stamping and cutting processing.
	H62	在黄铜中加1%锡能显著改善铜的抗海水和海洋大气腐蚀的能力，因此称为海军黄铜；锡黄铜在海水中具有高的耐腐蚀性，有良好的力学性能，可切削性好，易焊接和纤维。 Adding 1% tin in brass can significantly improve the ability of copper to resist the corrosion of seawater and ocean atmosphere, so it is called navy brass; tin brass has high corrosion resistance in seawater, has good mechanical properties, and can be cut Good performance, easy to be welded and fiber welded.	在造船工业中广泛应用于制造与海水、汽油等接触的零件（表面无需电镀处理）。 In the shipbuilding industry, it is widely used to manufacture the parts which contact with sea water, gasoline, etc. (the surface do not need to be nickel-plated).
不锈钢 Stainless Steel	304	作为一种用途广泛的钢，具有良好的耐腐蚀性、耐热性，低温强度和机械特性；冲压、弯曲等热加工性好，无热处理硬化现象（无磁性，使用温度-196℃-800℃）。 As a widely used steel, it has good corrosion resistance, heat resistance, low temperature strength and mechanical properties; good hot workability such as stamping and bending, no heat treatment hardening phenomenon (non-magnetic, use temperature -196 C -800 C).	广泛应用于食品生产设备、汽车配件、医疗器具、建材、船舶部件等。 Widely used in food production equipment, auto parts, medical appliances, building materials, ship parts, etc.
	316	因添加钼，故其耐腐蚀性、耐大气腐蚀性和高温强度特别好，可在苛刻的条件下适用；加工硬化性优（无磁性）。 Due to the addition of molybdenum, its corrosion resistance, atmospheric corrosion resistance and high temperature strength are particularly good, and it can be applied under harsh conditions; excellent work hardening (non-magnetic).	广泛应用于海水里用的设备、化工、染料、造纸、草酸、肥料等生产设备；食品工业、沿海地区设施、绳索、螺栓、螺母等。 Widely used in the equipment which used in sea water, chemical industry, dyes, papermaking, oxalic acid, fertilizer and other production equipment; food industry, coastal facilities, ropes, bolts, nuts, etc.
	316L	作为316钢种的低碳系列，除与316 钢有相同的特性外，其抗晶界腐蚀性优。 As a low-carbon series of 316 steel, besides the same characteristics as 316 steel, it has excellent grain boundary corrosion resistance.	对抗晶界腐蚀性有特别要求的产品。 Products with special requirements for anti-grain boundary corrosion.

表面处理—黄铜镀镍说明 Surface treatment - notes for nickel plated brass

1. 电镀是利用电源能将镍离子转换成金属镍沉积到阳极上；黄铜镀镍是利用化学还原的方法，将镍离子还原成金属镍并沉积在基体（黄铜）表面上，赋予制品特殊的表面性能。
例如：赋予制品多种色彩、较强的耐腐蚀性/耐磨性，镀层结晶细致、平滑光亮、内应力小，导电性能极佳。

1. The electroplating is a process that uses electric current to transform Nickel cation into metal nickel deposition on the anode; Nickel-plated brass is a process that uses chemical reduction to reduce Nickel cations into metal nickel deposition on the surface of the substrate (brass), giving the special surface properties to the products. For example: giving products a variety of colors, strong corrosion resistance/wear resistance, exquisite crystallization on coating, smooth and bright, small internal stress and good electroconductivity.

2. 化学电镀是采用金属盐和还原剂，在材料表面上发生自催化反应获得镀层；黄铜镀镍是利用还原剂在活化零件（黄铜）表面上自催化还原沉积得到镀层。化学镀镍制品的主要特点是：镀层厚度均匀，致密性好、镀层附着力强、深度能力强、抗腐蚀能力好。

2. The electroless plating is a process that uses metal-salt and reducing agent to produce autocatalytic reaction on the material surface in order to obtain coating; Nickel-plated brass is a process that uses reducing agent to produce autocatalytic reduction deposition on activation parts (brass) surface in order to obtain coating. The main Properties of electroless nickel plated products are: well-distributed coating thickness, good compactness, coating adhesion, and plating depth capability, good corrosion resistance.

倍仕得可以为您提供两种镀镍形式 Beisit can provide you with two kinds of nickel plating methods

1. 电镀 1. Electroplating

2. 化学镀镍 2. Electroless nickel plating

备注：化学镀镍仿真能力强，能在复杂零件表面沉积，深度能力强，镀层厚度比电镀厚，镀层烧氢后无起皮、镍泡等缺陷，同时由于化学镀镍速度较慢，对未镀产品表面处理要求较高，成本相对电镀较高。

Note: Electroless nickel plating is much stronger by comparison. It bonds with the surface of complex parts, with strong depth capability, thicker coating than electroplating, no defects on the coating such as peeling, or nickel bubbling after the hydrogen burning. However, due to the slow speed, electroless nickel plating requires a better surface treatment of unplated products. So its cost is relatively higher than electroplating.

不锈钢 Stainless Steel



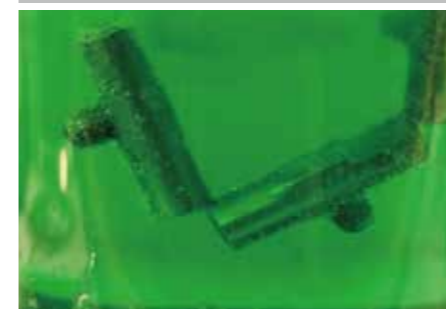
黄铜 Brass



电镀 Electroplating



化学镀镍 Electroless plating



盐雾测试 Salt Spray Test

盐雾试验是一种利用盐雾实验设备所创造的人工模拟盐雾环境条件考核产品或金属材料耐腐蚀性能的环境实验。

The salt spray test is an environmental experiment to evaluate the corrosion resistance of a product or metal material by artificially simulating salt spray environmental conditions created by salt spray test equipment.

盐雾实验的标准是对盐雾实验条件，如温度、湿度、氯化钠溶液浓度的PH值等做的明确具体规定。另外还对盐雾实验性能提出技术要求。

盐雾实验结果的判定方法有：评级判定法、称重判定法、腐蚀物出现判定法、腐蚀数据统计法。

需要进行盐雾试验的产品主要是金属产品，通过检测来考察产品的抗腐蚀性。

The standard for salt spray experiments is to specify the specific conditions for salt spray experimental conditions, such as temperature, humidity and pH of sodium chloride solution. In addition, technical requirements for salt spray test chamber performance are also put forward. Salt spray test results are judged by methods: rating judgment method, weighing determination method, corrosive appearance determination method and corrosion data statistics method. The products requiring salt spray test are mainly metal products and the corrosion resistance of the products is examined through inspection.

胶泥材料的选用

Selection of sealing glue

类型 Type	胶泥—（固态）Type 1(Solid)	AB树脂（液态）AB Resin(Liquid)
颜色 Color	A组份：天空蓝色； Component A: sky blue; B组份：晚霞红色。 Component B: sunset red.	A组份：淡黄色； Component A: yellowish; B组份：墨绿色。 Component B: dark green.
化学类型 Chemical type	环氧树脂、固化剂 Epoxy resin, curing agent	丙烯酸、固化剂 Acrylic, curing agent
性能参数 Performance parameters	(1)氧指数≥45 (2)可燃性≤60mm (3)水密性：(0.098MPa保持1h) 不渗水 (4)密度：(20℃) 1.50-1.8g/cm ² (5)耐人造海水性：在人造海水中浸泡一个月无异常 (6)耐酸性：在10%HCL溶液中浸泡一个月无异常 (7)耐腐蚀性：在10%NaOH溶液中浸泡一个月无异常 (8)耐油性：在20#机油或0#柴油中浸泡一个月无异常 (9)对铜、铝、钢、不锈钢的腐蚀 无 (10)对塑料电缆护套的影响 无 (11)对橡胶塑料电缆护套的影响 无 (1)Oxygen index≥45 (2)Flame retardancy ≤60mm (3)Water tightness: (0.098MPa for 1h) impermeable (4)Density: (20 C) 1.50-1.8g/cm ² (5)Artificial seawaterResistance: no abnormality after soaking for one month (6)Acid resistance: no abnormality after soaking in 10%HCL solution for one month (7)Corrosion resistance: no abnormality after soaking in 10% NaOH solution for one month (8)Oil resistance: no abnormality after soaking in 20# engine oil or 0# diesel oil for one month (9)Corrosion of copper, aluminum, steel and stainless steel: none (10)Impact on plastic cable sheath: none (11)Impact on rubber plastic cable sheath: none	(1)密度：(20℃) 1.0-1.1g/cm ² (2)耐湿热老化性能：双85湿热老化30天无异常 (3)耐冷热交替循环性能： 80℃2H~20℃1H-40℃2H~20℃1H循环后无异常 (1)Density: (20 C) 1.0-1.1g/cm ² (2)Hygrothermal aging resistance: Double 85 hygrothermal aging for 30 days without abnormality (3)Cold and hot cycle resistance: 80 C 2H~20 C 1H-40 C 2H~20 C 1H, no abnormality after cycle
操作方法 Operation	(1)混合比例：将AB两组份化合物以重量1:1均匀揉至成胶泥本色，即可使用。 (2)操作时间：揉和好的填料必须在30分钟内使用完毕，以防硬化。 (3)固化时间：室温20℃ 2-3小时。 (1)Mixing ratio: Compound A and B at a weight of 1:1, the putty is only properly mixed when the two parts are hand moulded into an "natural color" (2)Operating time: The mixed putty must be used within 30 minutes in case hardening. (3)Curing time: 2-3 hours at 20 C at room temperature	(1)混合比例：将AB两组份化合物以重量1:1混合搅拌至胶泥本色，即可使用。 (2)操作时间：揉和好的填料必须在7分钟内使用完毕，以防硬化。 (3)固化时间：室温25℃ 2-3小时。 (1)Mixing ratio: Compound A and B at a weight of 1:1, the compound is only properly mixed when the two parts are stirred into an "natural color". (2)Operating time: The kneaded filler must be used within 7 minutes to prevent hardening. (3)Curing time: room temperature 25 C 2-3 hours

类型 Type	胶泥—（固态）Type 1(Solid)	AB树脂（液态）AB Resin(Liquid)
凝固后的机械性能 Mechanical properties after solidification	剪切应力：≤400Mpa Shear stress: ≤400Mpa	剪切应力：≥23 Mpa Shear stress: ≥23 Mpa
连续操作温度 (COT) Continuous operation temperature (COT)	-70℃~160℃	-65℃~180℃
材料特性 Properties of Materials	AB型防爆电缆密封胶泥是一种高科技的密封材料，它具有防爆、绝缘、阻燃、水密和 耐压的多重特性。 AB type explosion-proof cable sealing glue is a high-tech sealing material, which has multiple characteristics of explosion-proof, insulation, flame-retardant, watertight and pressure resistance.	
应用领域 Application	广泛应用于一切水面船舶、战斗舰艇、电力部门、高层建筑、石油化工及防爆配电箱（柜）等其他场合的密封作用，同时也可以广泛用于金属、塑料管的密封和地下建筑、电缆贯穿部分的密封、防水、阻烟。 It's widely used in all kinds surface ships, combat ships, electric power departments, high-rise buildings, petrochemicals and explosion-proof distribution boxes (cabinet) and other occasions which need to be sealed. At the same time, it can also be widely used in sealing of metal and plastic pipes, and sealing, waterproof, smoke resistance of the penetrating part between underground buildings and cables.	

Technical Appendix

Technical Appendix

Exd

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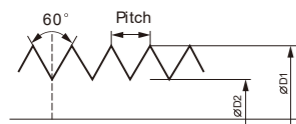
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Accessories

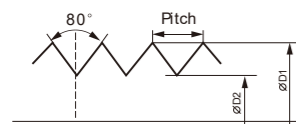
Accessories

M型公制螺纹标准 (适用于全球大部分地区) Metric ISO Thread Specifications



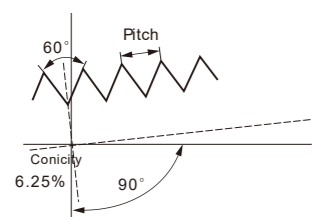
Size 螺纹规格	Pitch mm 牙距	Outside(ØD1) mm 螺纹外径	Inside(ØD2) mm 螺纹内径	Thru-hole mm 开口尺寸
M 12 x 1,5	1,5	12	10,13	12,2
M 16 x 1,5	1,5	16	14,13	16,2
M 20 x 1,5	1,5	20	18,13	20,2
M 25 x 1,5	1,5	25	23,13	25,2
M 32 x 1,5	1,5	32	30,13	32,3
M 40 x 1,5	1,5	40	38,13	40,3
M 50 x 1,5	1,5	50	48,13	50,4
M 63 x 1,5	1,5	63	61,13	63,4
M 75 x 2	2	75	71,8	75,5

PG螺纹标准 (主要适用于欧洲区域) PG Thread Specifications



Size 螺纹规格	Pitch mm 牙距	Outside(ØD1) mm 螺纹外径	Inside(ØD2) mm 螺纹内径	Thru-hole mm 开口尺寸
PG 7	1,270	12,5	11,28	12,7
PG 9	1,410	15,2	13,86	15,4
PG 11	1,410	18,6	17,26	18,8
PG 13,5	1,410	20,4	19,06	20,6
PG 16	1,410	22,5	21,16	22,7
PG 21	1,588	28,3	26,78	28,5
PG 29	1,588	37,0	35,48	37,3
PG 36	1,588	47,0	45,48	47,3
PG 42	1,588	54,0	52,48	54,4
PG 48	1,588	59,3	57,78	59,7

NPT标准螺纹 (主要适用于北美地区) NPT Thread Specifications



Size 螺纹规格	Pitch mm 牙距	Outside(ØD1) mm 螺纹外径	Pitch Number n 牙间距数量	Thru-hole mm 开口尺寸
1/4" NPT	1,411	13,716	18	13,9
3/8" NPT	1,411	17,145	18	17,3
1/2" NPT	1,814	21,336	14	21,5
3/4" NPT	1,814	26,67	14	26,9
1" NPT	2,208	33,4	11 1/2	33,7
1 1/4" NPT	2,208	42,164	11 1/2	42,5
1 1/2" NPT	2,208	48,26	11 1/2	48,6
2" NPT	2,208	60,325	11 1/2	60,7
2 1/2" NPT	3,175	73,025	8	73,4
3" NPT	3,175	88,9	8	89,3
3 1/2" NPT	3,175	101,6	8	102,0

防爆产品命名规则举例 Examples of naming rules for flameproof products

隔爆单密封

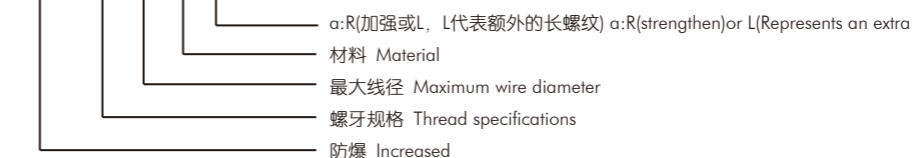
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- 密封: SS (Single Sealing)
- 双密封: DS (Double Sealing)
- 密封带填料: SSF (Single Sealing Filling)
- 铠装双密封: DSA (Double Sealing Armoured)
- 铠装密封带填料: SSFA (Single Sealing Filling Armoured)
- 密封带绕线管: SST (Single Sealing Tube)
- 密封带填料带绕线管: SSFT (Single Sealing Filling Tube)

增安产品命名规则举例 Examples of naming rules for Increased safety products

EX - M1207 BR □



Technical Appendix

Technical Appendix

Exd







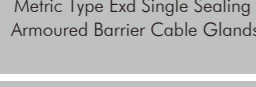
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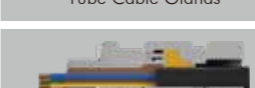
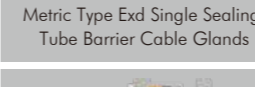




Exe

Exe


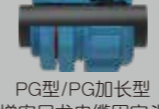
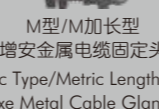
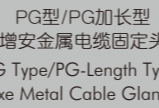

Accessories

Accessories










产品系列 Product series	电缆固定头类型 Type of Cable Glands	页码 Page	应用/电缆类型 Application / cable type	密封/IP防护 Sealing /IP Level	材质 Material	认证 Certification	防护类型 Type of protection
SS	 M型隔爆单密封电缆固定头 Metric Type Exd Single Sealing Cable Glands	P29	户内/户外 非铠装和编织电缆 Indoor/outdoor Non-armoured , braided cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
DS	 M型隔爆双密封电缆固定头 Metric Type Exd Double Sealing Cable Glands	P33	户内/户外 非铠装和编织电缆 Indoor/outdoor Non-armoured , braided cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SSF	 M型隔爆单密封带填料电缆固定头 Metric Type Exd Single Sealing Barrier Cable Glands	P37	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
DSA	 M型隔爆铠装双密封电缆固定头 Metric Type Exd Double sealing Armoured Cable Glands	P41	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	内层、外层电缆 护套密封 Inner and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
DSAC	 M型隔爆铠装双密封双锁紧 电缆固定头 Metric Type Armoured Double Seal Centric Strain Relief Exd Cable Gland	P46	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	内层、外层电缆 护套密封 Inner and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SSFA	 M型隔爆铠装单密封带填料 电缆固定头 Metric Type Exd Single Sealing Armoured Barrier Cable Glands	P51	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SFAC	 M型隔爆铠装单密封双锁紧带填料 电缆固定头 Metric Type Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland	P56	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe

产品系列 Product series	电缆固定头类型 Type of Cable Glands	页码 Page	应用/电缆类型 Application / cable type	密封/IP防护 Sealing /IP Level	材质 Material	认证 Certification	防护类型 Type of protection
SST	 M型隔爆单密封带绕线管 电缆固定头 Metric Type Exd Single Sealing Tube Cable Glands	P61	户内/户外 非铠装和编织电缆 Indoor/outdoor Non-armoured , braided cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SSFT	 M型隔爆单密封带填料带绕线管 电缆固定头 Metric Type Exd Single Sealing Tube Barrier Cable Glands	P65	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SS	 NPT型隔爆单密封电缆固定头 NPT Type Exd Single Sealing Cable Glands	P30	户内/户外 非铠装和编织电缆 Indoor/outdoor Non-armoured , braided cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
DS	 NPT型隔爆双密封电缆固定头 NPT Type Exd Double Sealing Cable Glands	P34	户内/户外 非铠装和编织电缆 Indoor/outdoor Non-armoured , braided cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SSF	 NPT型隔爆单密封带填料 电缆固定头 NPT Type Exd Single Sealing Barrier Cable Glands	P38	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
DSA	 NPT型隔爆铠装双密封 电缆固定头 NPT Type Exd Double sealing Armoured Cable Glands	P42	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	内层、外层电缆 护套密封 Inner and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
DSAC	 NPT型隔爆铠装双密封双锁紧 电缆固定头 NPT Type Armoured Double Seal Centric Strain Relief Exd Cable Gland	P47	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	内层、外层电缆 护套密封 Inner and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe

产品系列 Product series	电缆固定头类型 Type of Cable Glands	页码 Page	应用/电缆类型 Application / cable type	密封/IP防护 Sealing /IP Level	材质 Material	认证 Certification	防护类型 Type of protection
SSFA	 NPT型隔爆铠装单密封带填料 电缆固定头 NPT Type Exd Single Sealing Armoured Barrier Cable Glands	P52	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SFAC	 NPT型隔爆铠装单密封双锁紧 带填料电缆固定头 NPT Type Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland	P57	户内/户外 单线钢丝铠装、铝线铠装、 钢带铠装、编织铠装、 铝带铠装、柔性线铠装、 软屏蔽、线编织等铠装电缆 Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SST	 NPT型隔爆单密封带绕线管 电缆固定头 NPT Type Exd Single Sealing Tube Cable Glands	P62	户内/户外 非铠装和编织电缆 Indoor/outdoor Non-armoured , braided cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe
SSFT	 NPT型隔爆单密封带填料 带绕线管电缆固定头 NPT Type Exd Single Sealing Tube Barrier Cable Glands	P66	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	多芯护套、 外层电缆护套密封 Multi-core sheath and outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 不锈钢 Brass、 Stainless Steel	ATEX、CNEX、 IECEX、CCC、 CE	隔爆、增安 Exd、Exe

电缆固定头类型 Type of Cable Glands	页码 Page	应用/电缆类型 Application / cable type	密封/IP防护 Sealing /IP Level	材质 Material	认证 Certification	防护类型 Type of protection
 M型/M加长型 增安尼龙电缆固定头 Metric Type/Metric Length Type Exe Nylon Cable Glands	P69	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	尼龙 Nylon	ATEX、CNEX、 IECEX、CCC、CE	增安 Exe
 PG型/PG加长型 增安尼龙电缆固定头 PG Type/PG-Length Type Exe Nylon Cable Glands	P70	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	尼龙 Nylon	ATEX、CNEX、 IECEX、CCC、CE	增安 Exe
 NPT型增安尼龙电缆固定头 NPT Type Exe Nylon Cable Glands	P71	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	尼龙 Nylon	ATEX、CNEX、 IECEX、CCC、CE	增安 Exe
 M型/M加长型 增安金属电缆固定头 Metric Type/Metric Length Type Exe Metal Cable Glands	P72	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 Brass	ATEX、CNEX、 IECEX、CCC、CE	增安 Exe
 PG型/PG加长型 增安金属电缆固定头 PG Type/PG-Length Type Exe Metal Cable Glands	P73	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 Brass	ATEX、CNEX、 IECEX、CCC、CE	增安 Exe
 NPT型增安金属电缆固定头 NPT Type Exe Metal Cable Glands	P74	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 Brass	ATEX、CNEX、 IECEX、CCC、CE	增安 Exe

电缆固定头类型 Type of Cable Glands	页码 Page	应用/电缆类型 Application / cable type	密封/IP防护 Sealing /IP Level	材质 Material	认证 Certification	防护类型 Type of protection
 加强型M/M加长 增安金属电缆固定头 Metric Type/Metric-Length Type Exe Metal Cable Glands-Reinforced Type	P75	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 Brass	ATEX、CNEC、 IECEX、CCC、CE	增安 Exe
 加强型PG/PG加长 增安金属电缆固定头 PG/PG-Length Type Exe Metal Cable Glands-Reinforced Type	P76	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 Brass	ATEX、CNEC、 IECEX、CCC、CE	增安 Exe
 加强型NPT增安金属电缆固定头 NPT Type Exe Metal Cable Glands-Reinforced Type	P77	户内/户外 非铠装电缆 Indoor/outdoor Non-armoured cable	外层电缆护套密封 Outer sheath IP66/IP67/IP68 (10m/8h)	黄铜 Brass	ATEX、CNEC、 IECEX、CCC、CE	增安 Exe

电缆固定头类型 Type of Cable Glands	页码 Page	
 尼龙六角螺母 Nylon lock nut	P78	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 金属六角螺母 Metal lock nut	P79	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 金属带齿六角螺母 Metal serrated lock nut	P80	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 PTFE垫片 PTFE washer	P81	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 硅胶垫片 Silicone washer	P82	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 无石棉垫片 Non-asbestos gasket	P83	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 防震垫片 Anti-vibration washer	P84	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 接地片 Earth tags	P85	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 护套 Sheath	P86	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data

电缆固定头类型 Type of Cable Glands	页码 Page	
 尼龙圆形堵塞件 Nylon dome stopper plug	P87	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 金属圆形堵塞件 Metal dome stopper plug	P88	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 金属六角闷盖 Metal hexagon stopper plug	P89	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 缩径环 Thread reducer	P90 P91	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 扩径环 Thread enlarger	P92	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data
 变径环 Thread adaptor	P93 P94	详细数据请参考单独数据表 Please refer to the separate data sheet for detailed data



Exd-SS 隔爆单密封电缆固定头
Single Sealing Exd Cable Gland

CJEx IECEX ATEX CE IP68 RoHS REACH

应用领域 Application

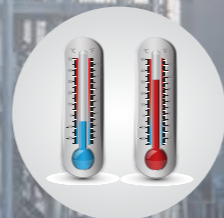
- 符合最新版IECEX和ATEX标准 Comply with the latest version of IECEX and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外非铠装和编织电缆 Indoor/outdoor Non-armoured, braided cable

特性 Features

- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models

技术参数 Technical parameters

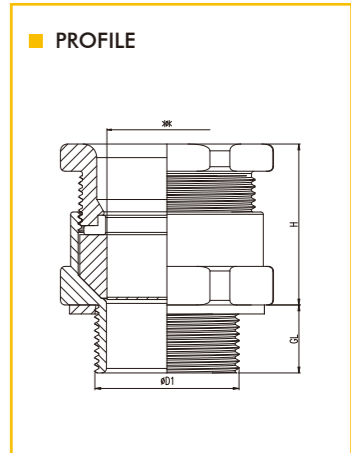
- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature: -65~150℃, Working temperature: -60~130℃
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar



M型隔爆单密封电缆固定头
Metric Type Single Sealing Exd Cable Gland

→ SS CJEx IECEX ATEX CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130℃
 认证测试温度 Certificate Testing Temperature: -65~150℃
 设计规范 Design Specification: IEC62444, EN62444
 IECEX证书 IECEX Certificate: IECEX TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0, 1, 7, 15, 31
 2021122313114717
 符合标准 Standards: IEC62444, EN62444
 CCC证书 CCC Certificate: CCC
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1189U
 防护类别代码 Code of Protection: Ex d II C Gb; Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 适用电缆类型 Cable Type: 非铠装和编织电缆 Non-Armoured & Braided Cable
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread øD1	mm	H mm	GL mm	mm	Beisit No.
M16 x 1.5	3.0-8.0	30	15	24	BST-Exd-SS-M1608BR
M20 x 1.5	3.0-8.0	29	15	24	BST-Exd-SS-M2008BR
M20 x 1.5	7.5-12.0	29	15	24	BST-Exd-SS-M2012BR
M20 x 1.5	8.7-14.0	30	15	27	BST-Exd-SS-M2014BR
M25 x 1.5	9.0-15.0	38	15	36	BST-Exd-SS-M2515BR
M25 x 1.5	13.0-20.0	38	15	36	BST-Exd-SS-M2520BR
M32 x 1.5	19.0-26.5	36	15	43	BST-Exd-SS-M3227BR
M40 x 1.5	25.0-32.5	39	15	50	BST-Exd-SS-M4033BR
M50 x 1.5	31.0-38.0	40	15	55	BST-Exd-SS-M5038BR
M50 x 1.5	36.0-44.0	45	15	60	BST-Exd-SS-M5044BR
M63 x 1.5	41.5-50.0	46	15	75	BST-Exd-SS-M6350BR
M63 x 1.5	48.0-55.0	46	15	75	BST-Exd-SS-M6355BR
M75 x 1.5	54.0-62.0	45	15	90	BST-Exd-SS-M7562BR
M75 x 1.5	61.0-68.0	45	15	90	BST-Exd-SS-M7568BR
M80 x 2.0	67.0-73.0	61	24	96	BST-Exd-SS-M8073BR
M90 x 2.0	66.6-80.0	60	24	108	BST-Exd-SS-M9080BR
M100 x 2.0	76.0-89.0	76	24	123	BST-Exd-SS-M10089BR

专利产品 Patented product.



NPT型隔爆单密封电缆固定头

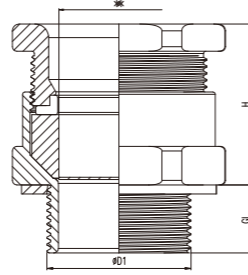
NPT Type Single Sealing Exd Cable Gland



→ SS CJEx IECEx ATEX CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0,1,7,15,31
 2021122313114717
 符合标准 Standards: IEC60079-0,1,7,15,31
 CCC证书 CCC Certificate: 2021122313114717
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1189U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 非铠装和编织电缆 Non-Armoured & Braided Cable
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered

PROFILE



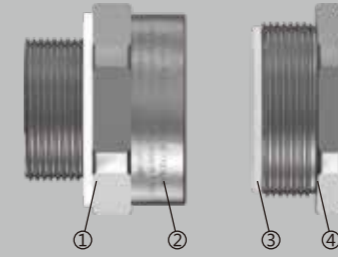
Thread ØD1	Ø mm	H mm	GL mm	 mm	Beisit No.
NPT1/2"	3.0-8.0	29	19.9	24	BST-Exd-SS-N1208BR
NPT3/4"	3.0-8.0	29	19.9	27	BST-Exd-SS-N3408BR
NPT1/2"	7.5-12.0	29	19.9	24	BST-Exd-SS-N1212BR
NPT3/4"	7.5-12.0	29	19.9	27	BST-Exd-SS-N3412BR
NPT1/2"	8.7-14.0	30	19.9	27	BST-Exd-SS-N1214BR
NPT3/4"	8.7-14.0	30	19.9	27	BST-Exd-SS-N3414BR
NPT3/4"	9.0-15.0	38	20.2	36	BST-Exd-SS-N3415BR
NPT3/4"	13.0-20.0	38	20.2	36	BST-Exd-SS-N3420BR
NPT1"	9.0-15.0	38	20.2	36	BST-Exd-SS-N10020BR
NPT1"	13.0-20.0	38	20.2	36	BST-Exd-SS-N10020BR
NPT1"	19.0-26.5	36	25.0	43	BST-Exd-SS-N10027BR
NPT1 1/4"	19.0-26.5	36	25.0	43	BST-Exd-SS-N11427BR
NPT1 1/4"	25.0-32.5	39	25.6	50	BST-Exd-SS-N11433BR
NPT1 1/2"	25.0-32.5	39	25.6	50	BST-Exd-SS-N11233BR
NPT2"	31.0-38.0	40	26.1	70	BST-Exd-SS-N20038BR
NPT2"	35.6-44.0	45	26.9	70	BST-Exd-SS-N20044BR
NPT2 1/2"	35.6-44.0	45	26.9	80	BST-Exd-SS-N21244BR
NPT2 1/2"	41.5-50.0	46	26.9	80	BST-Exd-SS-N21250BR
NPT2 1/2"	48.0-55.0	46	39.9	80	BST-Exd-SS-N21255BR
NPT3"	48.0-55.0	46	39.9	96	BST-Exd-SS-N30055BR
NPT3"	54.0-62.0	45	39.9	96	BST-Exd-SS-N30062BR
NPT3"	61.0-68.0	45	41.5	96	BST-Exd-SS-N30068BR
NPT3 1/2"	61.0-68.0	45	41.5	108	BST-Exd-SS-N31268BR
NPT3"	67.0-73.0	61	41.5	96	BST-Exd-SS-N30073BR
NPT3 1/2"	67.0-73.0	61	41.5	108	BST-Exd-SS-N31273BR
NPT3 1/2"	66.6-80.0	60	42.8	108	BST-Exd-SS-N31280BR
NPT4"	66.6-80.0	60	42.8	123	BST-Exd-SS-N40080BR
NPT3 1/2"	76.0-89.0	76	42.8	123	BST-Exd-SS-N31289BR
NPT4"	76.0-89.0	76	42.8	123	BST-Exd-SS-N40089BR

隔爆单密封电缆固定头安装作业指导书

Installation Instructions for Single Sealing Explosion-proof Cable Gland



在开始安装前，请仔细阅读所有说明。
 Please read all instructions carefully before installation.



1
 用游标卡尺确认电缆直径是否在标准线径范围内。
 Use vernier caliper to confirm whether cable diameter is within the standard cable range.

2
 剥掉电缆外层，压接好端子。
 Strip off the outer sheath of cables, crimp the terminal.

3
 确保垫片①安装到位，将电缆固定头拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑤拧紧主体②至标准安装扭力。
 Guarantee that the gasket① is installed in place. Screw the cable gland into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body② by the torque spanner⑤ to the standard installation torque.

4
 将电缆穿过电缆固定头，用手旋紧追紧螺母④。
 Pass the cable end go through the gland, tighten the sealing nut④.

5
 使用扭力扳手⑤拧紧追紧螺母④至标准安装扭力，使密封件夹紧电缆达到密封和紧固效果。
 Tighten the sealing nut④ by the spanner⑤ to standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

Exd-DS 隔爆双密封电缆固定头
Double Sealing Exd Cable Gland



应用领域 Application

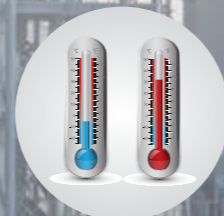
- 符合最新版IECEx和ATEX标准 Comply with the latest version of IECEx and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外非铠装和编织电缆 Indoor/outdoor Non-armoured, braided cable

特性 Features

- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models

技术参数 Technical parameters

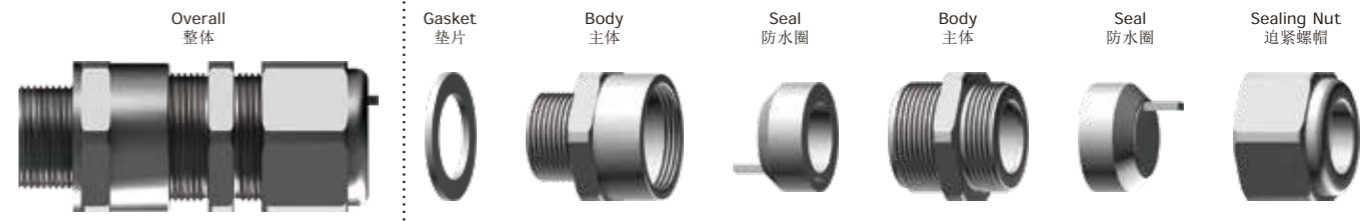
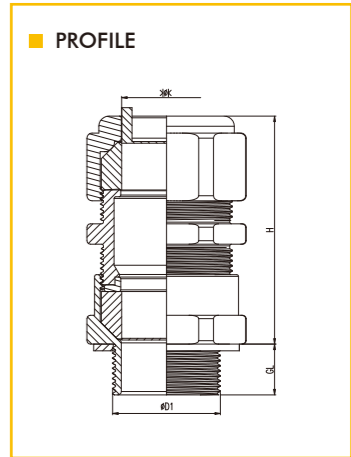
- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature: -65~150℃, Working temperature: -60~130℃
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar



M型隔爆双密封电缆固定头
Metric Type Double Sealing Exd Cable Gland



材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130℃
 认证测试温度 Certificate Testing Temperature: -65~150℃
 设计规范 Design Specification: IEC62444, EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 符合标准 Standards: IEC60079-0, 1, 7, 15, 31
 2021122313114717
 CCC证书 CCC Certificate: CJEx21.1189U
 防爆合格证 Conformity Certificate of Ex-proof: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 防护类别代码 Code of Protection: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 符合标准 Standards: 非铠装和编织电缆 Non-Armoured & Braided Cable
 适用电缆类型 Cable Type: HPb59-1、H62、304、316、316L can be offered
 材料种类 Material options:



Thread ∅D1	∅mm	H mm	GL mm	mm	Beisit No.
M16 x 1.5	3.0-8.0	58	15	24	BST-Exd-DS-M1608BR
M20 x 1.5	3.0-8.0	57	15	24	BST-Exd-DS-M2008BR
M20 x 1.5	7.5-12.0	57	15	24	BST-Exd-DS-M2012BR
M20 x 1.5	8.7-14.0	55	15	27	BST-Exd-DS-M2014BR
M25 x 1.5	9.0-15.0	69	15	36	BST-Exd-DS-M2515BR
M25 x 1.5	13.0-20.0	69	15	36	BST-Exd-DS-M2520BR
M32 x 1.5	19.0-26.5	67	15	43	BST-Exd-DS-M3227BR
M40 x 1.5	25.0-32.5	71	15	50	BST-Exd-DS-M4033BR
M50 x 1.5	31.0-38.0	79	15	55	BST-Exd-DS-M5038BR
M50 x 1.5	36.0-44.0	85	15	60	BST-Exd-DS-M5044BR
M63 x 1.5	41.5-50.0	88	15	75	BST-Exd-DS-M6350BR
M63 x 1.5	48.0-55.0	88	15	75	BST-Exd-DS-M6355BR
M75 x 1.5	54.0-62.0	87	15	90	BST-Exd-DS-M7562BR
M75 x 1.5	61.0-68.0	87	15	90	BST-Exd-DS-M7568BR
M80 x 2.0	67.0-73.0	120	24	96	BST-Exd-DS-M8073BR
M90 x 2.0	66.6-80.0	115	24	108	BST-Exd-DS-M9080BR
M100 x 2.0	76.0-89.0	144	24	123	BST-Exd-DS-M10089BR

专利产品 Patented product.



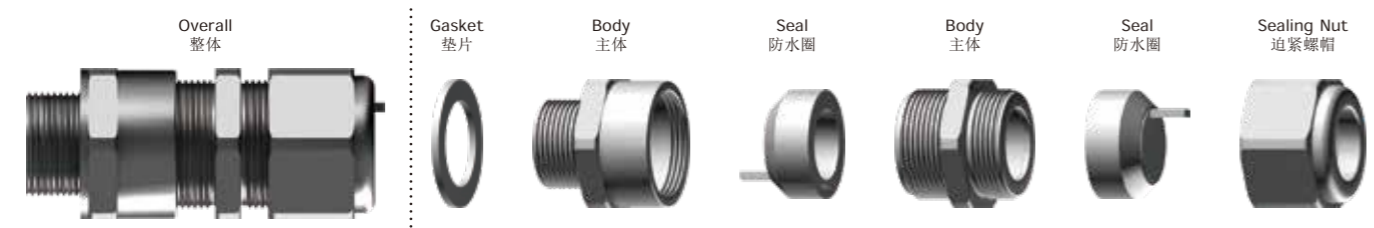
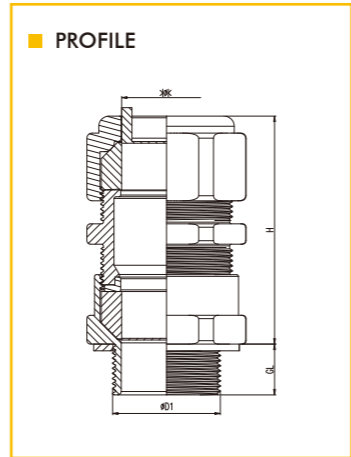
NPT型隔爆双密封电缆固定头

NPT Type Double Sealing Exd Cable Gland



→ DS CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0,1,7,15,31
 2021122313114717
 CCC证书 CCC Certificate: CJEx21.1189U
 防爆合格证 Conformity Certificate of Ex-proof: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 防护类别代码 Code of Protection: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 符合标准 Standards: IEC60079-0,1,7,15,31
 2021122313114717
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1189U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 非铠装和编织电缆 Non-Armoured & Braided Cable
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



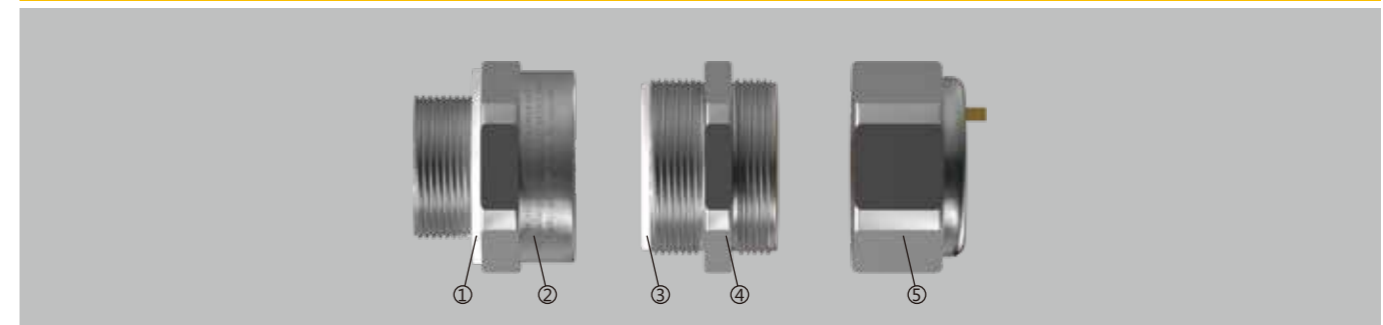
Thread ∅D1	∅mm	H mm	GL mm	mm	Beisit No.
NPT1/2"	3.0-8.0	57	19.9	24	BST-Exd-DS-N1208BR
NPT3/4"	3.0-8.0	57	19.9	24	BST-Exd-DS-N3408BR
NPT1/2"	7.5-12.0	57	19.9	24	BST-Exd-DS-N1212BR
NPT3/4"	7.5-12.0	57	19.9	24	BST-Exd-DS-N3412BR
NPT1/2"	8.7-14.0	55	19.9	27	BST-Exd-DS-N1214BR
NPT3/4"	8.7-14.0	55	19.9	27	BST-Exd-DS-N3414BR
NPT3/4"	9.0-15.0	69	20.2	36	BST-Exd-DS-N3415BR
NPT3/4"	13.0-20.0	69	20.2	36	BST-Exd-DS-N3420BR
NPT1"	9.0-15.0	69	20.2	36	BST-Exd-DS-N10020BR
NPT1"	13.0-20.0	69	20.2	36	BST-Exd-DS-N10015BR
NPT1"	19.0-26.5	67	25.0	43	BST-Exd-DS-N10027BR
NPT1 1/4"	19.0-26.5	67	25.0	43	BST-Exd-DS-N11427BR
NPT1 1/4"	25.0-32.5	71	25.6	50	BST-Exd-DS-N11433BR
NPT1 1/2"	25.0-32.5	71	25.6	50	BST-Exd-DS-N11233BR
NPT2"	31.0-38.0	79	26.1	55	BST-Exd-DS-N20038BR
NPT2"	35.6-44.0	85	26.9	60	BST-Exd-DS-N20044BR
NPT2 1/2"	35.6-44.0	85	26.9	60	BST-Exd-DS-N21244BR
NPT2 1/2"	41.5-50.0	88	26.9	75	BST-Exd-DS-N21250BR
NPT2 1/2"	48.0-55.0	88	39.9	75	BST-Exd-DS-N21255BR
NPT3"	48.0-55.0	88	39.9	75	BST-Exd-DS-N30055BR
NPT3"	54.0-62.0	87	39.9	90	BST-Exd-DS-N30062BR
NPT3"	61.0-68.0	87	41.5	90	BST-Exd-DS-N30068BR
NPT3 2"	61.0-68.0	87	41.5	90	BST-Exd-DS-N31268BR
NPT3"	67.0-73.0	120	41.5	96	BST-Exd-DS-N30073BR
NPT3 1/2"	67.0-73.0	120	41.5	96	BST-Exd-DS-N31273BR
NPT3 1/2"	66.6-80.0	115	42.8	108	BST-Exd-DS-N31280BR
NPT4"	66.6-80.0	115	42.8	108	BST-Exd-DS-N40080BR
NPT3 1/2"	76.0-89.0	144	42.8	123	BST-Exd-DS-N31289BR
NPT4"	76.0-89.0	144	42.8	123	BST-Exd-DS-N40089BR

隔爆双密封电缆固定头安装作业指导书

Installation Instructions for Double Sealing Explosion-proof Cable Gland



在开始安装前，请仔细阅读所有说明。
 Please read all instructions carefully before installation.



1

用游标卡尺确认电缆直径是否在标准线径范围内。
 Use vernier caliper to confirm whether cable diameter is within the standard cable range.

2

剥掉电缆外层，压接好端子。
 Strip off the outer sheath of cable, crimp the terminal.

3

确保垫片①安装到位，将电缆固定头拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑥拧紧主体②至标准安装扭力。
 Guarantee that the gasket① is installed in place. Screw the cable gland into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body② by the torque spanner⑥ to the standard installation torque.

4

将电缆穿过电缆固定头，用手旋紧主体④和迫紧螺帽⑤。
 Pass the cable end go through the gland, tighten the body④ and the sealing nut⑤.

5

使用扭力扳手⑥拧紧主体④至标准安装扭力，使密封件夹紧电缆达到密封和紧固效果。
 Tighten the body④ by the spanner⑥ to the standard installation torque, make the seal clamp cable tightly to achieve good sealing and fastening effect.

6

使用扭力扳手⑥将迫紧螺帽⑤拧紧对电缆达到额外密封和紧固。
 Tighten the sealing nut⑤ by the torque spanner⑥ to achieve additional sealing and fastening effect.

Technical Appendix

Exd

Exe

Accessories

Technical Appendix

Exd

Exe

Accessories

Exd-SSF 隔爆单密封带填料电缆固定头
Single Sealing Filling Exd Cable Gland

CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

应用领域 Application

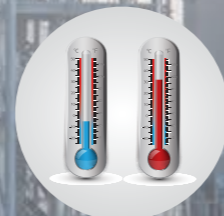
- 符合最新版IECEX和ATEX标准 Comply with the latest version of IECEX and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外非铠装和编织电缆 Indoor/outdoor Non-armoured, braided cable

特性 Features

- 两种填料方式 2 filling method for barrier
- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models

技术参数 Technical parameters

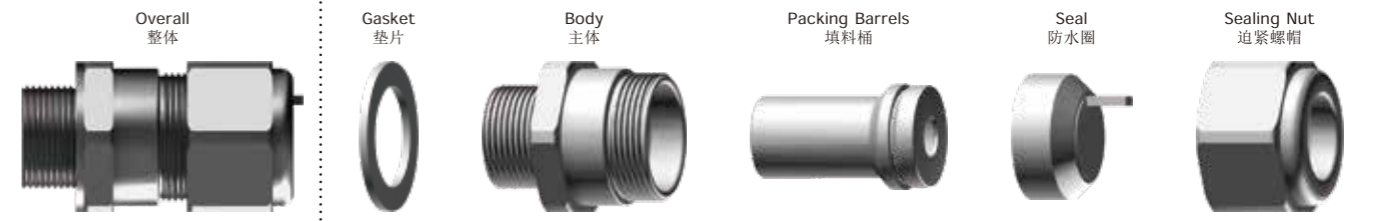
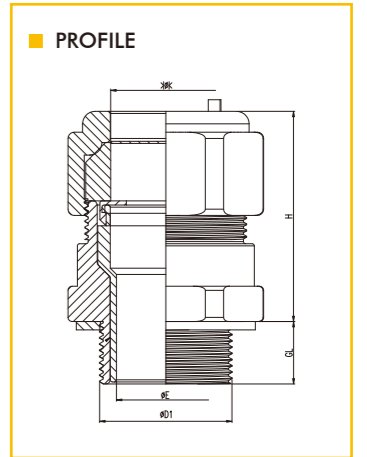
- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature: -65~150℃, Working temperature: -60~130℃
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar



M型隔爆单密封带填料电缆固定头
Metric Type Single Sealing Filling Exd Cable Gland

→ SSF CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130℃
 认证测试温度 Certificate Testing Temperature: -65~150℃
 设计规范 Design Specification: IEC62444, EN62444
 IECEX证书 IECEX Certificate: IECEX TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0, 1, 7, 15, 31
 2021122313114717
 符合标准 Standards: IEC60079-0, 1, 7, 15, 31
 CCC证书 CCC Certificate: 2021122313114717
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1326U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 适用电缆类型 Cable Type: 非铠装电缆 Non-Armoured Cable
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ØD1	Øk mm	Cable Core Qty	Max.Dia.of Over Cores	E mm	H mm	GL mm	mm	Beisit No.
M16 x 1.5	3.0-8.0	6	6.8	8.5	45	15	24	BST-Exd-SSF-M1608BR
M20 x 1.5	3.0-8.0	6	10	12.5	42	15	24	BST-Exd-SSF-M2008BR
M20 x 1.5	7.5-12.0	6	10	12.5	42	15	24	BST-Exd-SSF-M2012BR
M20 x 1.5	8.7-14.0	10	9.8	12.3	41	15	27	BST-Exd-SSF-M2014BR
M25 x 1.5	9.0-15.0	21	13.4	16.8	51	15	36	BST-Exd-SSF-M2515BR
M25 x 1.5	13.0-20.0	21	13.4	16.8	51	15	36	BST-Exd-SSF-M2520BR
M32 x 1.5	19.0-26.5	42	18.9	23.7	51	15	43	BST-Exd-SSF-M3227BR
M40 x 1.5	25.0-32.5	60	24.8	31.0	53	15	50	BST-Exd-SSF-M4033BR
M50 x 1.5	31.0-38.0	80	30.8	38.5	61	15	55	BST-Exd-SSF-M5038BR
M50 x 1.5	36.0-44.0	80	32.8	41.1	63	15	60	BST-Exd-SSF-M5044BR
M63 x 1.5	41.5-50.0	100	41.6	52.0	66	15	75	BST-Exd-SSF-M6350BR
M63 x 1.5	48.0-55.0	100	41.6	52.0	66	15	75	BST-Exd-SSF-M6355BR
M75 x 1.5	54.0-62.0	120	52.3	65.4	63	15	90	BST-Exd-SSF-M7562BR
M75 x 1.5	61.0-68.0	120	52.3	65.4	63	15	90	BST-Exd-SSF-M7568BR
M80 x 2.0	67.0-73.0	140	56.4	70.5	82	24	96	BST-Exd-SSF-M8073BR
M90 x 2.0	66.6-80.0	140	62.9	78.7	80	24	108	BST-Exd-SSF-M9080BR
M100 x 2.0	76.0-89.0	200	70.9	88.7	98	24	123	BST-Exd-SSF-M10089BR

专利产品 Patented product.



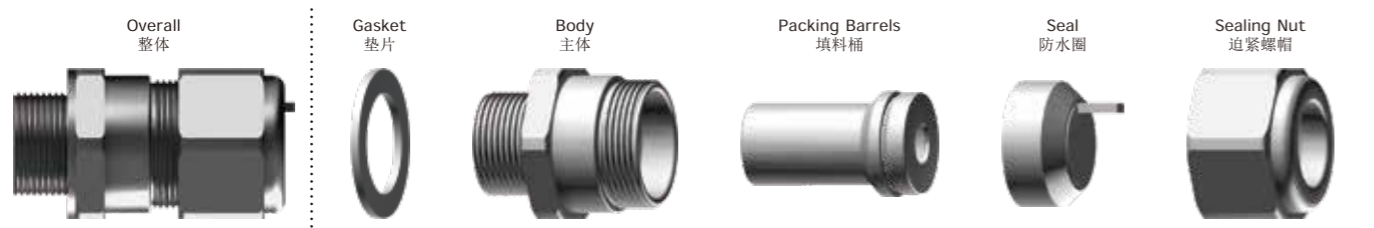
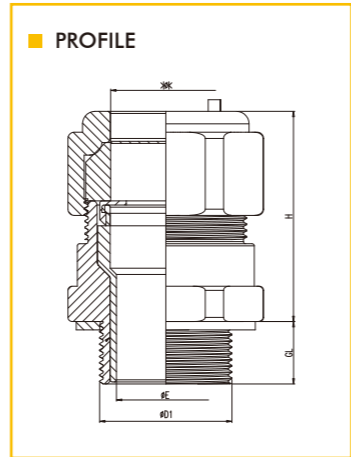
NPT型隔爆单密封带填料电缆固定头

NPT Type Single Sealing Filling Exd Cable Gland



→ SSF CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444, EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 符合标准 Standards: IEC60079-0, 1, 7, 15, 31
 CCC证书 CCC Certificate: 2021122313114717
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1326U
 防护类别代码 Code of Protection: Ex d II C Gb; Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 适用电缆类型 Cable Type: 非铠装电缆 Non-Armoured Cable
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



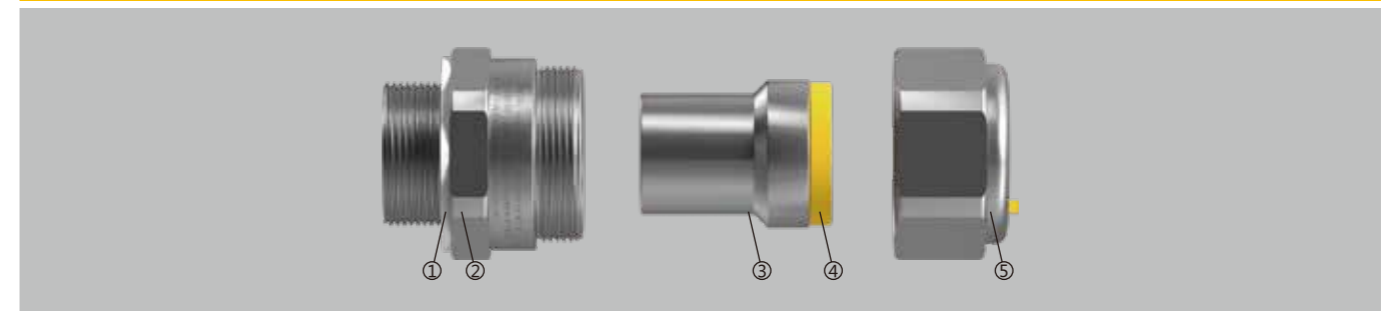
Thread ØD1	mm	Cable Core Qty	Max.Dia.of Over Cores	E mm	H mm	GL mm	mm	Beisit No.
NPT1/2"	3.0-8.0	6	10	12.5	42	19.9	24	BST-Exd-SSF-N1208BR
NPT3/4"	3.0-8.0	6	10	12.5	42	19.9	27	BST-Exd-SSF-N3408BR
NPT1/2"	7.5-12.0	6	10	12.5	42	19.9	24	BST-Exd-SSF-N1212BR
NPT3/4"	7.5-12.0	6	10	12.5	42	19.9	27	BST-Exd-SSF-N3412BR
NPT1/2"	8.7-14.0	10	9.8	12.3	41	19.9	27	BST-Exd-SSF-N1214BR
NPT3/4"	8.7-14.0	10	9.8	12.3	41	19.9	27	BST-Exd-SSF-N3414BR
NPT3/4"	9.0-15.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N3415BR
NPT3/4"	13.0-20.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N3420BR
NPT1"	9.0-15.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N10015BR
NPT1"	13.0-20.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N10020BR
NPT1"	19.0-26.5	42	19.0	23.7	51	25.0	43	BST-Exd-SSF-N10027BR
NPT1 1/4"	19.0-26.5	42	19.0	23.7	51	25.0	43	BST-Exd-SSF-N11427BR
NPT1 1/4"	25.0-32.5	60	24.8	31.0	53	25.6	50	BST-Exd-SSF-N11433BR
NPT1 1/2"	25.0-32.5	60	24.8	31.0	53	25.6	50	BST-Exd-SSF-N11233BR
NPT2"	31.0-38.0	80	30.8	38.5	61	26.1	70	BST-Exd-SSF-N20038BR
NPT2"	35.6-44.0	80	32.9	41.1	63	26.6	70	BST-Exd-SSF-N20044BR
NPT2 1/2"	35.6-44.0	80	32.9	41.1	63	29.9	80	BST-Exd-SSF-N21244BR
NPT2 1/2"	41.5-50.0	100	41.6	52	66	26.9	80	BST-Exd-SSF-N21250BR
NPT2 1/2"	48.0-55.0	100	41.6	52	66	39.9	80	BST-Exd-SSF-N21255BR
NPT3"	48.0-55.0	100	41.6	65.4	66	39.9	96	BST-Exd-SSF-N30055BR
NPT3"	54.0-62.0	120	52.3	65.4	63	39.9	96	BST-Exd-SSF-N30062BR
NPT3"	61.0-68.0	120	52.3	65.4	63	41.5	96	BST-Exd-SSF-N30068BR
NPT3 1/2"	61.0-68.0	120	52.3	70.5	63	41.5	108	BST-Exd-SSF-N31268BR
NPT3"	67.0-73.0	140	56.4	70.5	82	41.5	96	BST-Exd-SSF-N30073BR
NPT3 1/2"	67.0-73.0	140	56.4	70.5	82	41.5	108	BST-Exd-SSF-N31273BR
NPT3 1/2"	66.6-80.0	140	63.0	78.7	80	42.8	108	BST-Exd-SSF-N31280BR
NPT4"	66.6-80.0	140	63.0	78.8	80	42.8	123	BST-Exd-SSF-N40080BR
NPT3 1/2"	76.0-89.0	200	71.0	88.7	98	42.8	123	BST-Exd-SSF-N31289BR
NPT4"	76.0-89.0	200	71.0	88.7	98	42.8	123	BST-Exd-SSF-N40089BR

隔爆单密封带填料电缆固定头安装作业指导书

Installation Instructions for Single Sealing Explosion-proof Cable Gland with Filling



在开始安装前，请仔细阅读所有说明。
 Please read all instructions carefully before installation.



Model	Length of Naked Wire	Model	Length of Naked Wire	Model	Length of Naked Wire	Model	Length of Naked Wire
M1608	19mm	M2520BR	20mm	M5044	27mm	M7568	27mm
M2008	16mm	M3227BR	21mm	M6350	28mm	M8073	34mm
M2012	16mm	M4033BR	21mm	M6355	28mm	M9080	34mm
M2014	16mm	M5038BR	24mm	M7562	27mm	M10089	60mm

剥掉电缆外护套露出内部电缆芯轴（外护套长度=端子离箱体外侧长度+上表剥线长度），将电缆芯轴的绝缘层清理干净。如果电缆芯上有耐油绵纸，也应该被拆成一根根单一的芯轴，使用绝缘胶带将芯轴末端捆扎在一起。
 Strip off the outer sheath of cable to expose the inner cable cores. (Outer cutting sheath Length = Distance from the terminal to the outer plate of box + Length of naked wire indicated in the table below) And then clean the insulation layer of cable cores. If there's oil resistance cotton paper wrapped around cable cores, it should be disassembled into single one, bundle cable cores bottom with insulated tapes finally.

3 将电缆末端依次穿过迫紧螺母⑤和填料筒③，直至外护套超过防水圈④，拆除芯轴末端的绝缘胶带，将其竖直固定在装置上。
 Pass the end of cable through sealing nut⑤ and filling cylinder③ in turn, until outer insulation layer exceeds seal④, strip off insulating tape at the bottom of cable cores, fix it in cylinder vertically.

2 确保垫片①安装到位，将主体②拧入螺纹孔（如果箱体未加工螺纹请使用六角螺母固定），使用扭力扳手⑥将主体②拧紧至安装扭力。
 Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body② by the torque spanner⑥ to the standard installation torque.

4 接上混合喷嘴（小型多芯电缆使用延长喷嘴），将树脂注入填料筒③中，确保树脂一直填满到填料筒的底部，擦去溢出的树脂，等待树脂从液体初步凝固。
 0℃环境下需要30分钟 / 10℃环境下需要15分钟 / 20℃环境下需要7分钟 / 30℃环境下需要5分钟
 如果混合管内有树脂余留，丢弃搅拌喷嘴，将混合管盖子重新盖上以便下次使用。
 Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder, to ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely. Wait 30 minutes at 0 C / Wait 15 minutes at 10 C / Wait 7 minutes at 20 C / Wait 5 minutes at 30 C If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.

5 将填料筒③塞进主体②，旋紧迫紧螺母⑤。
 Insert the filling cylinder③ into the body②, tighten the sealing nut⑤.

6 使用扭力扳手⑥拧紧迫紧螺母⑤至标准安装扭力，使密封件夹紧电缆达到密封和紧固效果。
 Tighten the sealing nut⑤ by the spanner⑥ to the standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

Technical Appendix

Exd

Exe

Accessories

Technical Appendix

Exd

Exe

Accessories

Exd-DSA 隔爆铠装双密封电缆固定头
Double Sealing Armoured Exd Cable Gland



应用领域 Application

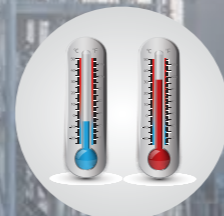
- 符合最新版IECEX和ATEX标准 Comply with the latest version of IECEx and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable

特性 Features

- 铠装范围0-2.5mm Armoured range 0-2.5mm
- 通过EMC测试 EMC tested
- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models
- 适用于冷流型电缆 Suitable for coldflow armoured cable

技术参数 Technical parameters

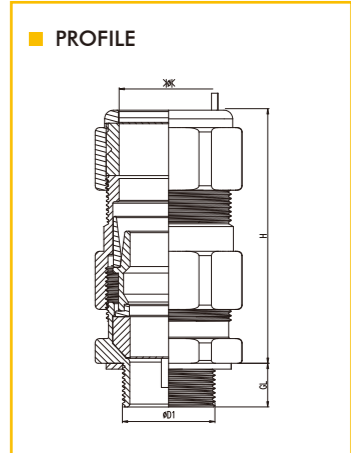
- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature : -65~150℃, Working temperature : -60~130℃
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar



M型隔爆铠装双密封电缆固定头
Metric Type Double Sealing Armoured Exd Cable Gland



材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130℃
 认证测试温度 Certificate Testing Temperature: -65~150℃
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0,1,7,15,31
 2021122313114718
 CCC证书 CCC Certificate: CJEx21.1190U
 防爆合格证 Conformity Certificate of Ex-proof: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 防护类别代码 Code of Protection: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 符合标准 Standards: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 适用电缆类型 Cable Type: Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ØD1	Dia.Of Outer Sheath	Dia.Of Inner Sheath	Armoured Range Min.	Armoured Range Max.	H mm	GL mm	H mm	Beisit No.
M16 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	15	27	BST-Exd-DSA-M1613BR
M20 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	15	27	BST-Exd-DSA-M2013BR
M20 x 1.5	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	65	15	27	BST-Exd-DSA-M2016BR
M20 x 1.5	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	68	15	30	BST-Exd-DSA-M2021BR
M25 x 1.5	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	84	15	38	BST-Exd-DSA-M2526BR
M32 x 1.5	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	87	15	46	BST-Exd-DSA-M3234BR
M40 x 1.5	28.0-41.0	25.0-32.5	0.0-0.7	1.8-2.5	90	15	55	BST-Exd-DSA-M4041BR
M50 x 1.5	35.2-47.0	31.0-38.0	0.0-1.0	1.8-2.5	100	15	65	BST-Exd-DSA-M5047BR
M50 x 1.5	43.0-53.0	36.0-44.0	0.0-1.0	1.8-2.5	100	15	65	BST-Exd-DSA-M5053BR
M63 x 1.5	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	103	15	80	BST-Exd-DSA-M6359BR
M63 x 1.5	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	103	15	80	BST-Exd-DSA-M6366BR
M75 x 1.5	59.0-72.0	54.0-62.0	0.0-1.0	1.8-2.5	105	15	95	BST-Exd-DSA-M7572BR
M75 x 1.5	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	105	15	95	BST-Exd-DSA-M7579BR
M80 x 2.0	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	123	24	102	BST-Exd-DSA-M8080BR
M90 x 2.0	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	124	24	114	BST-Exd-DSA-M9091BR
M100 x 2.0	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	140	24	127	BST-Exd-DSA-M100105BR

专利产品 Patented product.



NPT型隔爆铠装双密封电缆固定头

NPT Type Double Sealing Armoured Exd Cable Gland



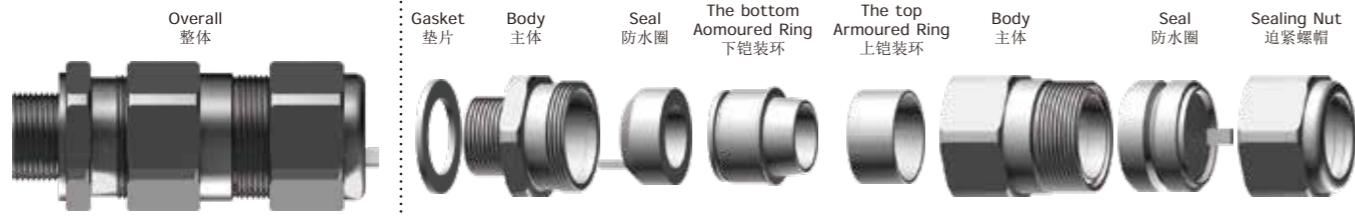
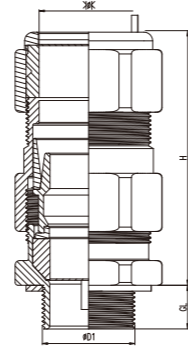
→ DSA CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
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符合标准 Standards: IEC60079-0,1,7,15,31
 CCC证书 CCC Certificate: 2021122313114718
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1190U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3636.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

材料种类 Material options: HPb59-1、H62、304、316、316L can be offered

PROFILE



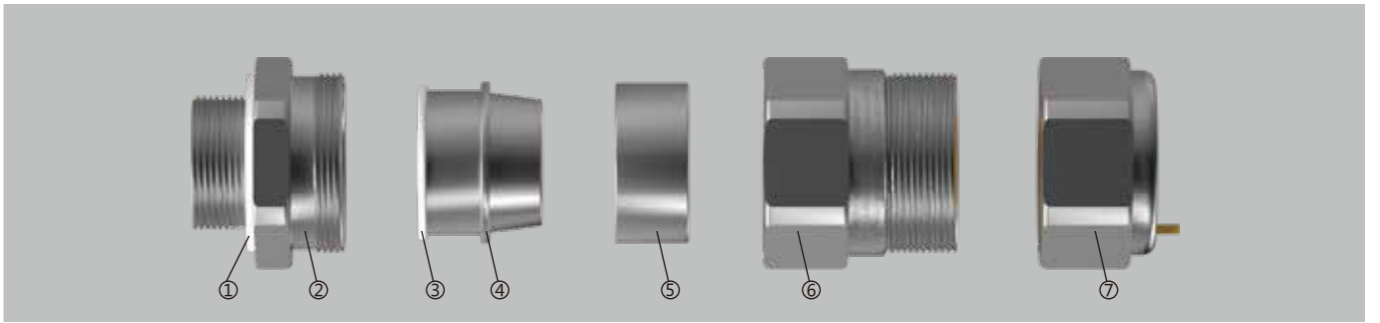
Thread ØD1	Dia.Of Outer Sheath	Dia.Of Inner Sheath	Armoured Range Min.	Armoured Range Max.	H mm	GL mm	mm	Beisit No.
NPT1/2"	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N1213BR
NPT3/4"	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N3413BR
NPT1/2"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N1216BR
NPT3/4"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N3416BR
NPT1/2"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	68	19.9	30	BST-Exd-DSA-N1221BR
NPT3/4"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	68	19.9	30	BST-Exd-DSA-N3421BR
NPT3/4"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	82	20.2	38	BST-Exd-DSA-N3426BR
NPT1"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	82	20.2	38	BST-Exd-DSA-N10026BR
NPT1"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	84	25.0	46	BST-Exd-DSA-N10034BR
NPT1 1/4"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	84	25.0	46	BST-Exd-DSA-N11434BR
NPT1 1/4"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	88	25.6	55	BST-Exd-DSA-N11441BR
NPT1 1/2"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	88	25.6	55	BST-Exd-DSA-N11241BR
NPT2"	35.2-47.0	31.0-38.0	0.0-1.0	1.8-2.5	95	26.1	70	BST-Exd-DSA-N20047BR
NPT2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	95	26.9	70	BST-Exd-DSA-N20053BR
NPT2 1/2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	95	26.9	80	BST-Exd-DSA-N21253BR
NPT2 1/2"	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	101	26.9	80	BST-Exd-DSA-N21259BR
NPT2 1/2"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	101	39.9	80	BST-Exd-DSA-N21266BR
NPT3"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	101	39.9	96	BST-Exd-DSA-N30066BR
NPT3"	59.0-72.0	54.0-67.0	0.0-1.0	1.8-2.5	105	39.9	96	BST-Exd-DSA-N30072BR
NPT3"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	105	41.5	96	BST-Exd-DSA-N30079BR
NPT3 1/2"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	105	41.5	108	BST-Exd-DSA-N31279BR
NPT3"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	123	41.5	102	BST-Exd-DSA-N30080BR
NPT3 1/2"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	123	41.5	108	BST-Exd-DSA-N31280BR
NPT3 1/2"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	124	42.8	114	BST-Exd-DSA-N31291BR
NPT4"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	124	42.8	123	BST-Exd-DSA-N40091BR
NPT3 1/2"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	140	42.8	127	BST-Exd-DSA-N312105BR
NPT4"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	140	42.8	127	BST-Exd-DSA-N400105BR

隔爆铠装双密封电缆固定头安装作业指导书

Installation Instructions for Armoured Wire Double Sealing Explosion-proof Cable Gland



在开始安装前，请仔细阅读所有说明。
 Please read all instructions carefully before installation.



Model	Length of Armoured Layer	Model	Length of Armoured Layer	Model	Length of Armoured Layer	Model	Length of Armoured Layer
M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm



如有需要，在电缆外护层上安装护套；根据箱体大小，剥掉电缆外护层和铠装层；参考上表再剥掉部分外护层，使露出的钢丝长度“L”与上表一致。如果电缆芯上有耐油绵纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath of cable and armored layer according to enclosure box size. Strip off outer sheath again according to the parameters in the table above, make the exposed length "L" of steel wire consistent with parameters in table. If there's oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.

2

确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。
 Guarantee that the gasket ① is installed in place. Screw the body ② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body ② by the torque spanner ⑧ to the standard installation torque.

3

确保迫紧帽⑦是松开的，将电缆穿过组件“A”和上铠装环⑤。
 注意：电缆为最大线径时，上铠装环⑤只能通过铠装层。
 Guarantee that the sealing nut ⑦ is loose, pass the cable through assembly "A" and top armored ring ⑤.
 Note: When the cable reach maximum diameter, the top armored ring ⑤ can only pass through the armored layer.

4

将下铠装环④装至主体②上，将电缆内护层穿过主体直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。
 Install bottom armored ring ④ into body ②, pass cable cores through body until the armored layer connect conical surface of bottom armored ring ④ completely, press the steel wire evenly around the conical surface.

5

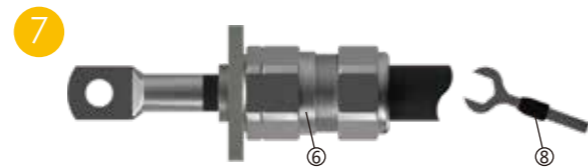
保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力，用扭力扳手⑧进一步拧紧主体⑥使上下铠装环压紧钢丝。
 Keep connecting between armored layer and conical surface, at the same time, tighten body ⑥ until strong resistance is felt, tighten further body ⑥ by torque spanner ⑧ to make the bottom and top armored rings press steel wires tightly.



在安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.



6 拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。
Unscrew body⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.



7 用扭力扳手⑧将主体⑥重新拧紧至标准安装扭力，达到密封和紧固的效果。
Screw body⑥ by the spanner⑧ in terms of the standard installation torque to achieve good sealing and fastening effects.



8 拧紧迫紧螺母⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。
Tighten sealing nut⑦ to make connection between seal and outer sheath of cable, to achieve good additional sealing and fastening effects.

Exd-DSAC 隔爆铠装双密封双锁紧电缆固定头
Armoured Double Seal Centric Strain Relief Exd Cable Gland

CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

应用领域 Application

- 符合最新版IECEX和ATEX标准 Comply with the latest version of IECEX and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable

特性 Features

- 双锁紧结构设计 Double lock structure design
- 铠装范围0-2.5mm Armoured range 0-2.5mm
- 通过EMC测试 EMC tested
- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models
- 适用于冷流型电缆 Suitable for coldflow armoured cable

技术参数 Technical parameters

- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature：-65~150 C, Working temperature：-60~130 C
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100%)
- 静压测试30bar Hydrostatic test 30bar



M型隔爆铠装双密封双锁紧电缆固定头

Metric Type Armoured Double Seal Centric Strain Relief Exd Cable Gland

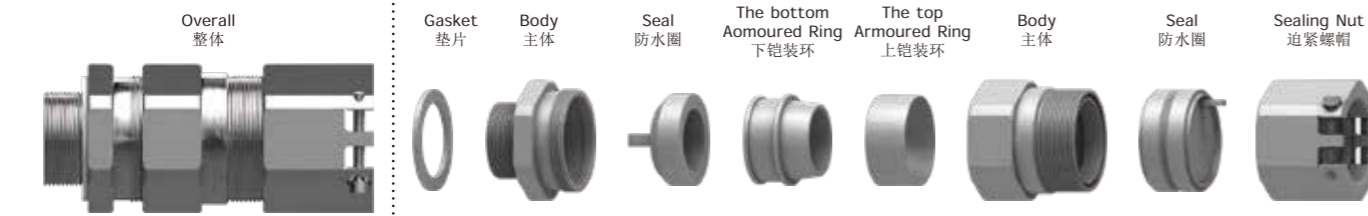
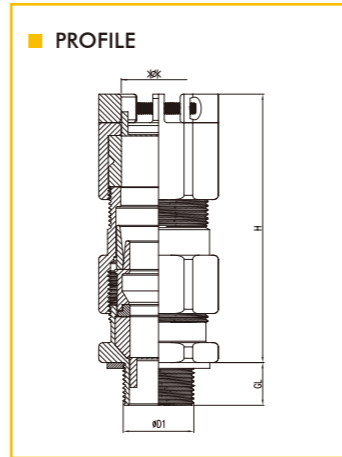


→ DSAC GJEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)

符合标准 Standards: IEC60079-0,1,7,15,31
 CCC证书 CCC Certificate: 2021122313114718
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1190U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ØD1	Dia.Of Outer Sheath	Dia.Of Inner Sheath	Armoured Range Min.	Armoured Range Max.	H mm	GL mm	mm	Beisit No.
M16 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	73	15	27	BST-Exd-DSAC-M1613BR
M20 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	73	15	27	BST-Exd-DSAC-M2013BR
M20 x 1.5	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	73	15	27	BST-Exd-DSAC-M2016BR
M20 x 1.5	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	76	15	30	BST-Exd-DSAC-M2021BR
M25 x 1.5	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	94	15	38	BST-Exd-DSAC-M2526BR
M32 x 1.5	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	97	15	46	BST-Exd-DSAC-M3234BR
M40 x 1.5	28.0-41.0	25.0-32.5	0.0-0.7	1.8-2.5	100	15	55	BST-Exd-DSAC-M4041BR
M50 x 1.5	35.2-47.0	31.0-38.0	0.0-1.0	1.8-2.5	110	15	65	BST-Exd-DSAC-M5047BR
M50 x 1.5	43.0-53.0	36.0-44.0	0.0-1.0	1.8-2.5	110	15	65	BST-Exd-DSAC-M5053BR
M63 x 1.5	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	113	15	80	BST-Exd-DSAC-M6359BR
M63 x 1.5	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	113	15	80	BST-Exd-DSAC-M6366BR
M75 x 1.5	59.0-72.0	54.0-62.0	0.0-1.0	1.8-2.5	117	15	95	BST-Exd-DSAC-M7572BR
M75 x 1.5	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	117	15	95	BST-Exd-DSAC-M7579BR
M80 x 2.0	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	135	24	102	BST-Exd-DSAC-M8080BR
M90 x 2.0	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	136	24	114	BST-Exd-DSAC-M9091BR
M100 x 2.0	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	152	24	127	BST-Exd-DSAC-M100105BR

专利产品 Patented product.



NPT型隔爆铠装双密封双锁紧电缆固定头

NPT Type Armoured Double Seal Centric Strain Relief Exd Cable Gland

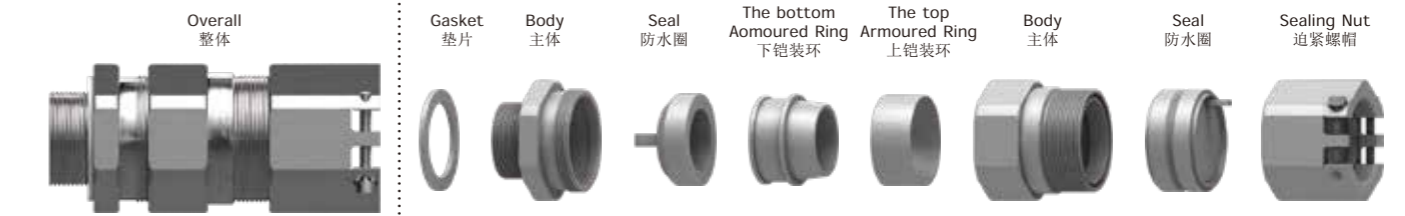
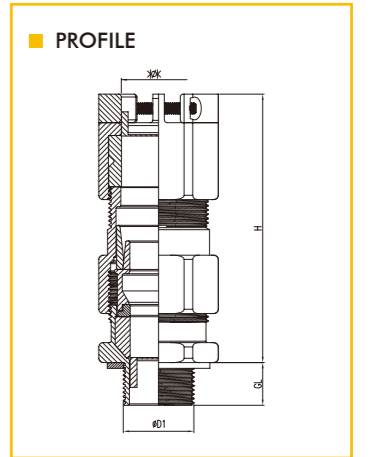


→ DSAC GJEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)

符合标准 Standards: IEC60079-0,1,7,15,31
 CCC证书 CCC Certificate: 2021122313114718
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1190U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ØD1	Dia.Of Outer Sheath	Dia.Of Inner Sheath	Armoured Range Min.	Armoured Range Max.	H mm	GL mm	mm	Beisit No.
NPT1/2"	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	73	19.9	27	BST-Exd-DSAC-N1213BR
NPT3/4"	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	73	19.9	27	BST-Exd-DSAC-N3413BR
NPT1/2"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	73	19.9	27	BST-Exd-DSAC-N1216BR
NPT3/4"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	73	19.9	27	BST-Exd-DSAC-N3416BR
NPT1/2"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	76	19.9	30	BST-Exd-DSAC-N1221BR
NPT3/4"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	76	19.9	30	BST-Exd-DSAC-N3421BR
NPT3/4"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	94	20.2	38	BST-Exd-DSAC-N3426BR
NPT1"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	94	20.2	38	BST-Exd-DSAC-N10026BR
NPT1"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	97	25.0	46	BST-Exd-DSAC-N10034BR
NPT1 1/4"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	97	25.0	46	BST-Exd-DSAC-N11434BR
NPT1 1/4"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	100	25.6	55	BST-Exd-DSAC-N11441BR
NPT1 1/2"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	100	25.6	55	BST-Exd-DSAC-N11241BR
NPT2"	35.2-47.0	31.0-38.0	0.0-1.0	1.8-2.5	110	26.1	70	BST-Exd-DSAC-N20047BR
NPT2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	110	26.9	70	BST-Exd-DSAC-N20053BR
NPT2 1/2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	110	26.9	80	BST-Exd-DSAC-N21253BR
NPT2 1/2"	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	113	26.9	80	BST-Exd-DSAC-N21259BR
NPT2 1/2"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	113	39.9	80	BST-Exd-DSAC-N21266BR
NPT3"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	113	39.9	96	BST-Exd-DSAC-N30066BR
NPT3"	59.0-72.0	54.0-67.0	0.0-1.0	1.8-2.5	117	39.9	96	BST-Exd-DSAC-N30072BR
NPT3"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	117	41.5	96	BST-Exd-DSAC-N30079BR
NPT3 1/2"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	117	41.5	108	BST-Exd-DSAC-N31279BR
NPT3"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	135	41.5	102	BST-Exd-DSAC-N30080BR
NPT3 1/2"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	135	41.5	108	BST-Exd-DSAC-N31280BR
NPT3 1/2"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	136	42.8	114	BST-Exd-DSAC-N31291BR
NPT4"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	136	42.8	123	BST-Exd-DSAC-N40091BR
NPT3 1/2"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	152	42.8	127	BST-Exd-DSAC-N312105BR
NPT4"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	152	42.8	127	BST-Exd-DSAC-N400105BR

Technical Appendix

Exd

Exe

Accessories

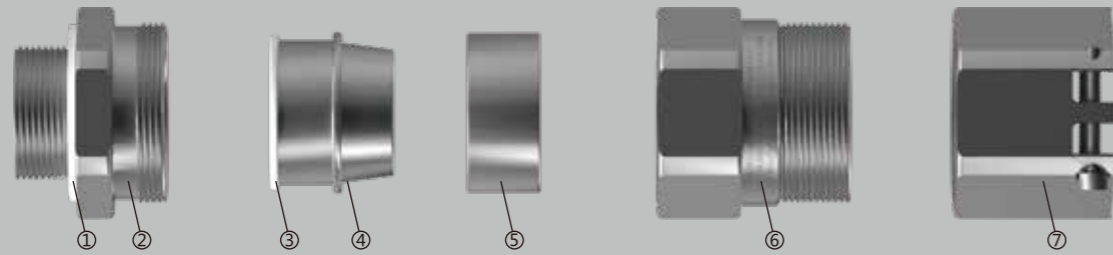
Technical Appendix

Exd

Exe

Accessories

在开始安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.

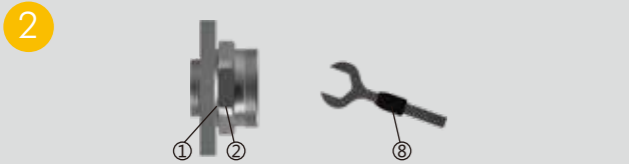


1	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
	M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
	M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
	M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
	M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm



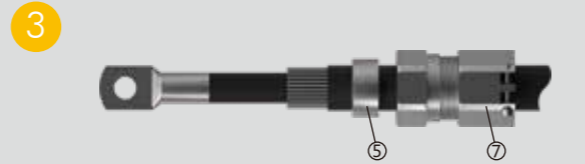
如有需要，在电缆外护层上安装护套；根据箱体大小，剥掉电缆外护层和铠装层；参考上表再剥掉部分外护层，使露出的钢丝长度“L”与上表一致。如果电缆芯上有耐油绵纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath of cable and armored layer according to enclosure box size. Strip off outer sheath again according to the parameters in the table above, make the exposed length "L" of steel wire consistent with parameters in table. If there's oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.



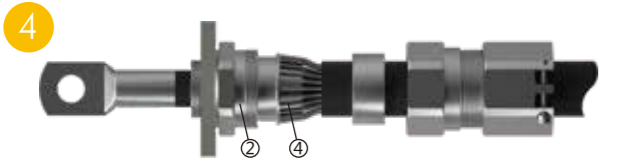
确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。

Guarantee that the gasket ① is installed in place. Screw the body ② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body ② by the torque spanner ⑧ to the standard installation torque.



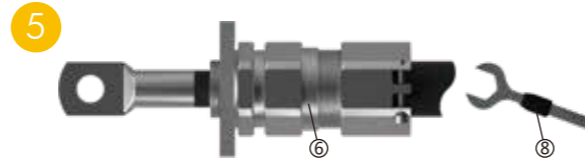
确保迫紧帽⑦是松开的，将电缆穿过组件“A”和上铠装环⑤。
注意：电缆为最大线径时，上铠装环⑤只能通过铠装层。

Guarantee that the sealing nut ⑦ is loose, pass the cable through assembly "A" and top armored ring ⑤.
Note: When the cable reach maximum diameter, the top armored ring ⑤ can only pass through the armored layer.



将下铠装环④装至主体②上，将电缆内护层穿过主体直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。

Install bottom armored ring ④ into body ②, pass cable cores through body until the armored layer connect conical surface of bottom armored ring ④ completely, press the steel wire evenly around the conical surface.



保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力，用扭力扳手⑧进一步拧紧主体⑥使上下铠装环压紧钢丝。

Keep connecting between armored layer and conical surface, at the same time, tighten body ⑥ until strong resistance is felt, tighten further body ⑥ by the torque spanner ⑧ to make the bottom and top armored rings press steel wires tightly.

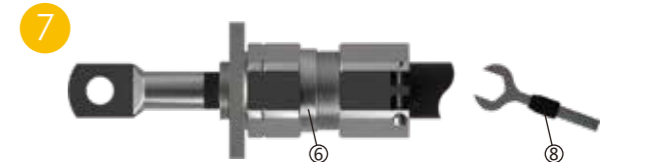


在开始安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.



拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。

Unscrew body ⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.



用扭力扳手⑧将主体⑥重新拧紧至标准安装扭力，达到密封和紧固的效果。

Screw body ⑥ by the spanner ⑧ to the standard installation torque to achieve good sealing and fastening effects.



拧紧迫紧螺帽⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。

Tighten sealing nut ⑦ to make connection between seal and outer sheath of cable, to achieve good additional sealing and fastening effects.



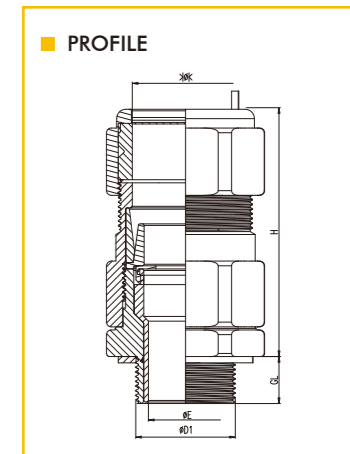
将螺栓旋紧，对电缆外护层达到更高级别的电缆锁紧力。

Tighten bolts to achieve higher-level locking effects of cable sheath.

→ SSFA CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0,1,7,15,31
 2021122313114718
 CJEx21.1325U
 Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5

符合标准 Standards: IEC60079-0,1,7,15,31
 CCC证书 CCC Certificate: 2021122313114718
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1325U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ØD1	O.D.of Cable	Cable Core Qty	Max.Dia.of Over Cores	Armoured Range Min.	Armoured Range Max.	E mm	H mm	GL mm	mm	Beisit No.
M16 x 1.5	6.0-13.0	6	6.8	0.0-0.7	0.9-1.25	8.5	69	15	27	BST-Exd-SSFA-M1613BR
M20 x 1.5	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	66	15	27	BST-Exd-SSFA-M2013BR
M20 x 1.5	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	66	15	27	BST-Exd-SSFA-M2016BR
M20 x 1.5	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	65	15	30	BST-Exd-SSFA-M2021BR
M25 x 1.5	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	15	38	BST-Exd-SSFA-M2526BR
M32 x 1.5	23.0-34.0	42	18.9	0.0-0.7	1.6-2.0	23.7	84	15	46	BST-Exd-SSFA-M3234BR
M40 x 1.5	28.0-41.0	60	24.8	0.0-0.7	1.8-2.5	31.0	88	15	55	BST-Exd-SSFA-M4041BR
M50 x 1.5	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	95	15	65	BST-Exd-SSFA-M5047BR
M50 x 1.5	43.0-53.0	80	32.8	0.0-1.0	1.8-2.5	41.1	95	15	65	BST-Exd-SSFA-M5053BR
M63 x 1.5	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52.0	101	15	80	BST-Exd-SSFA-M6359BR
M63 x 1.5	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52.0	101	15	80	BST-Exd-SSFA-M6366BR
M75 x 1.5	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	15	95	BST-Exd-SSFA-M7572BR
M75 x 1.5	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	15	95	BST-Exd-SSFA-M7579BR
M80 x 2.0	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	118	24	102	BST-Exd-SSFA-M8080BR
M90 x 2.0	75.0-91.0	140	62.9	0.0-1.0	1.8-2.5	78.7	116	24	114	BST-Exd-SSFA-M9091BR
M100 x 2.0	88.0-105.0	200	70.9	0.0-1.0	1.8-2.5	88.7	130	24	127	BST-Exd-SSFA-M100105BR



Exd-SSFA 隔爆铠装单密封带填料电缆固定头
Single Sealing Filling Armoured Exd Cable Gland

CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

应用领域 Application

- 符合最新版IECEX和ATEX标准 Comply with the latest version of IECEX and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable

特性 Features

- 防洪涌设计 Deluge Proof design
- 铠装范围0-2.5mm Armoured range 0-2.5mm
- 通过EMC测试 EMC tested
- 两种填料方式 2 filling method for barrier
- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models
- 适用于冷流型电缆 Suitable for coldflow armoured cable

技术参数 Technical parameters

- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature: -65~150℃, Working temperature: -60~130℃
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar



Technical Appendix

Exd

Exe

Accessories

Technical Appendix

Exd

Exe

Accessories

NPT型隔爆铠装单密封带填料电缆固定头

NPT Type Single Sealing Filling Armoured Exd Cable Gland



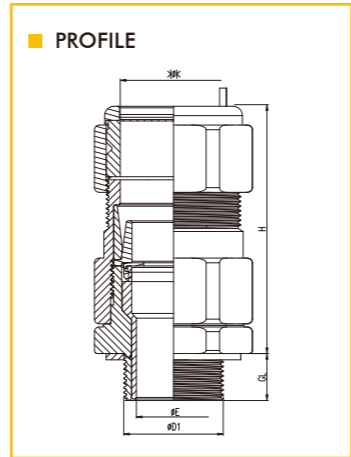
→ SSFA

CJEx IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444, EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)

符合标准 Standards: IEC60079-0, 1, 7, 15, 31
 CCC证书 CCC Certificate: 2021122313114718
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1325U
 防护类别代码 Code of Protection: Ex d II C Gb; Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ØD1	O.D. of Cable	Cable Core Qty	Max.Dia. of Over Cores	Armoured Range Min.	Armoured Range Max.	E mm	H mm	GL mm	U mm	Beisit No.
NPT1/2"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	27	BST-Exd-SSFA-N1213BR
NPT3/4"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	27	BST-Exd-SSFA-N3413BR
NPT1/2"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	27	BST-Exd-SSFA-N1216BR
NPT3/4"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	7	BST-Exd-SSFA-N3416BR
NPT1/2"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	65	19.9	30	BST-Exd-SSFA-N1221BR
NPT3/4"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	65	19.9	30	BST-Exd-SSFA-N3421BR
NPT3/4"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	20.2	38	BST-Exd-SSFA-N3426BR
NPT1"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	20.2	38	BST-Exd-SSFA-N10026BR
NPT1"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	84	25.0	46	BST-Exd-SSFA-N10034BR
NPT1 1/4"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	84	25.0	46	BST-Exd-SSFA-N11434BR
NPT1 1/4"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	88	25.6	55	BST-Exd-SSFA-N11441BR
NPT1 1/2"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	88	25.6	55	BST-Exd-SSFA-N11241BR
NPT2"	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	95	26.1	70	BST-Exd-SSFA-N20047BR
NPT2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	95	26.9	70	BST-Exd-SSFA-N20053BR
NPT2 1/2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	95	26.9	80	BST-Exd-SSFA-N21253BR
NPT2 1/2"	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52	101	26.9	80	BST-Exd-SSFA-N21259BR
NPT2 1/2"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52	101	39.9	80	BST-Exd-SSFA-N21266BR
NPT3"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	65.4	101	39.9	96	BST-Exd-SSFA-N30066BR
NPT3"	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	39.9	96	BST-Exd-SSFA-N30072BR
NPT3"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	41.5	96	BST-Exd-SSFA-N30079BR
NPT3 1/2"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	70.5	103	41.5	108	BST-Exd-SSFA-N31279BR
NPT3"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	118	41.5	102	BST-Exd-SSFA-N30080BR
NPT3 1/2"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	118	41.5	108	BST-Exd-SSFA-N31280BR
NPT3 1/2"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.7	116	42.8	114	BST-Exd-SSFA-N31291BR
NPT4"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.8	116	42.8	123	BST-Exd-SSFA-N40091BR
NPT3 1/2"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	130	42.8	127	BST-Exd-SSFA-N312105BR
NPT4"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	130	42.8	127	BST-Exd-SSFA-N400105BR

隔爆铠装单密封带填料电缆固定头安装作业指导书

Installation Instructions for Armoured Wire Single Sealing Explosion-proof Cable Gland with Filling



在开始安装前，请仔细阅读所有说明。
 Please read all instructions carefully before installation.



Model	Length of Armoured Layer	Model	Length of Armoured Layer	Model	Length of Armoured Layer	Model	Length of Armoured Layer
M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm

如有需要，在电缆外护套上安装护套；根据箱体大小，剥掉电缆外护套和铠装层；参考上表再剥掉部分外护套，使露出的钢丝长度“L”与上表一致。如果电缆芯上有耐油棉纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath of cable and armored layer according to enclosure box size. Strip off outer sheath again according to the parameters in table above, make the exposed length "L" of steel wire consistent with the parameters in table. If there's oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.

2 确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。

Guarantee that the gasket ① is installed in place. Screw the body ② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body ② by the torque spanner ⑧ to the standard installation torque.

3 确保螺母⑦是松开的，将电缆穿过组件“A”，上铠装环⑤。

注意：电缆为最大线径时，上铠装环只能通过铠装层。

Guarantee that the sealing nut ⑦ is loose, pass the cable through assembly "A", top ⑤ and bottom armored rings ④.

Note: When the cable reach maximum diameter, the top armored ring ⑤ can only pass through the armored layer.

4 将填料筒③安装至主体②上，将电缆内护套穿过填料筒③直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。

Install filling cylinder ③ into the body ②, pass cable cores through filling cylinder ③ until the armored layer connect conical surface of bottom armored ring ④ completely, press the steel wire evenly around the conical surface.

5 保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力，用扳手进一步拧紧主体⑥使上下铠装环压紧钢丝。

Keep connecting between armored layer and conical surface, at the same time, tighten body ⑥ until strong resistance is felt, tighten further body ⑥ by the torque spanner ⑧ to make the bottom and top armored rings press steel wires tightly.



Technical Appendix

Exd

Exe

Accessories

Technical Appendix

Exd

Exe

Accessories

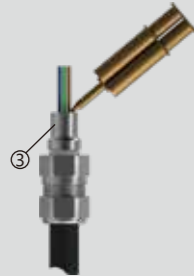
在开始安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.

6



拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。
Unscrew body⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.

7



接上混合喷嘴（小型多芯电缆使用延长喷嘴），将树脂注入填料筒③，确保树脂一直填满到填料筒的底部，擦去溢出的树脂，等待树脂从液体初步凝固。
0℃环境下需要30分钟 / 10℃环境下需要15分钟 / 20℃环境下需要7分钟 / 30℃环境下需要5分钟
如果混合管内有树脂余留，丢弃搅拌喷嘴，将混合管盖子重新盖上以便下次使用。
Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder③, to ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely.
Wait 30 minutes at 0℃ / Wait 15 minutes at 10℃ / Wait 7 minutes at 20℃ / Wait 5 minutes at 30℃
If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.

8



将填料筒③塞进主体②，旋紧主体⑥，再使用扭力扳手⑧将主体⑥拧紧至标准安装扭力，达到密封和紧固效果。
Insert the filling cylinder③ into the body②, tighten the body⑥ by torque spanner⑧ to standard installation torque again to achieve good sealing and fastening effects.

9



拧紧压紧螺帽⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。
Tighten sealing nut⑦ to make connection between seal and outer sheath of cable, to achieve good additional sealing and fastening effects.

Exd-SFAC

隔爆铠装单密封双锁紧带填料电缆固定头
Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland

CJEx IECEx ATEX (CC) (Ex) CE IP68 RoHS REACH

应用领域 Application

- 符合最新版IECEx和ATEX标准 Comply with the latest version of IECEx and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
Indoor/outdoor SWA,AWA,STA,SWB,ASA, PWA,EMC,CY/SY, and other armoured cable

特性 Features

- 双锁紧结构设计 Double lock structure design
- 防洪涌设计 Deluge Proof design
- 铠装范围0-2.5mm Armoured range 0-2.5mm
- 通过EMC测试 EMC tested
- 两种填料方式 2 filling method for barrier
- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models
- 适用于冷流型电缆 Suitable for coldflow armoured cable

技术参数 Technical parameters

- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature：-65~150℃, Working temperature：-60~130℃
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar



M型隔爆铠装单密封双锁紧带填料电缆固定头

Metric Type Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland



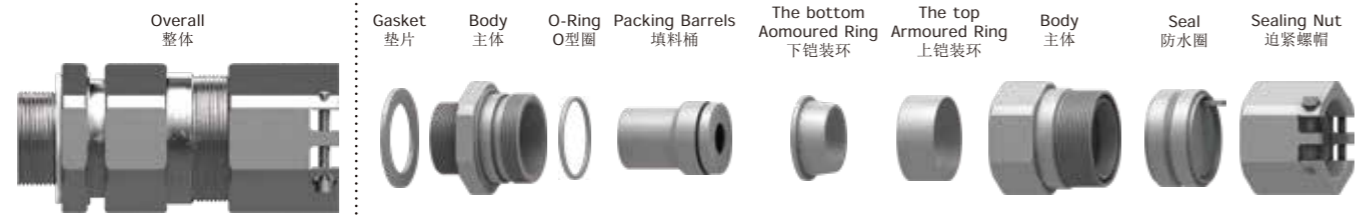
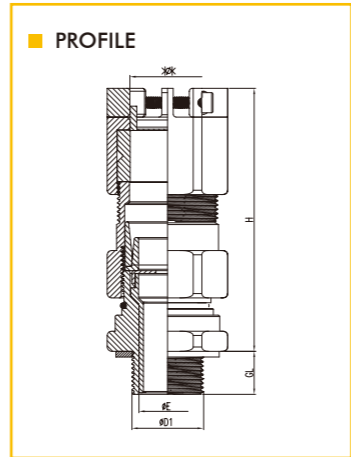
→ SFAC

CJEx IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)

符合标准 Standards: IEC60079-0,1,7,15,31
 CCC证书 CCC Certificate: 2021122313114718
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1325U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ∅D1	O.D.of Cable	Cable Core Qty	Max.Dia.of Over Cores	Armoured Range Min.	Armoured Range Max.	E mm	H mm	GL mm	H mm	Beisit No.
M16 x 1.5	6.0-13.0	6	6.8	0.0-0.7	0.9-1.25	8.5	77	15	27	BST-Exd-SFAC-M1613BR
M20 x 1.5	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	74	15	27	BST-Exd-SFAC-M2013BR
M20 x 1.5	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	74	15	27	BST-Exd-SFAC-M2016BR
M20 x 1.5	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	73	15	30	BST-Exd-SFAC-M2021BR
M25 x 1.5	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	15	38	BST-Exd-SFAC-M2526BR
M32 x 1.5	23.0-34.0	42	18.9	0.0-0.7	1.6-2.0	23.7	94	15	46	BST-Exd-SFAC-M3234BR
M40 x 1.5	28.0-41.0	60	24.8	0.0-0.7	1.8-2.5	31.0	98	15	55	BST-Exd-SFAC-M4041BR
M50 x 1.5	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	105	15	65	BST-Exd-SFAC-M5047BR
M50 x 1.5	43.0-53.0	80	32.8	0.0-1.0	1.8-2.5	41.1	105	15	65	BST-Exd-SFAC-M5053BR
M63 x 1.5	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52.0	111	15	80	BST-Exd-SFAC-M6359BR
M63 x 1.5	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52.0	111	15	80	BST-Exd-SFAC-M6366BR
M75 x 1.5	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	15	95	BST-Exd-SFAC-M7572BR
M75 x 1.5	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	15	95	BST-Exd-SFAC-M7579BR
M80 x 2.0	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	130	24	102	BST-Exd-SFAC-M8080BR
M90 x 2.0	75.0-91.0	140	62.9	0.0-1.0	1.8-2.5	78.7	128	24	114	BST-Exd-SFAC-M9091BR
M100 x 2.0	88.0-105.0	200	70.9	0.0-1.0	1.8-2.5	88.7	142	24	127	BST-Exd-SFAC-M100105BR

专利产品 Patented product.



NPT型隔爆铠装单密封双锁紧带填料电缆固定头

NPT Type Armoured Single Seal Centric Strain Relief With Padding Exd Cable Gland



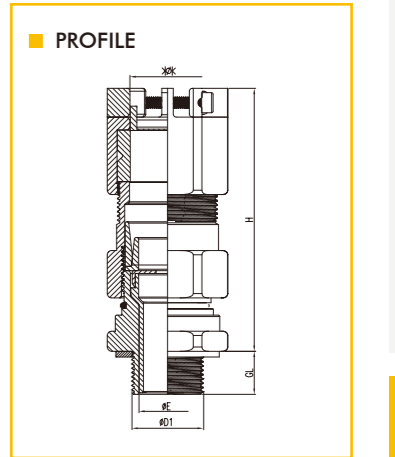
→ SFAC

CJEx IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0080X
 ATEX证书 Certificate: TÜV 20 ATEX 8610X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)

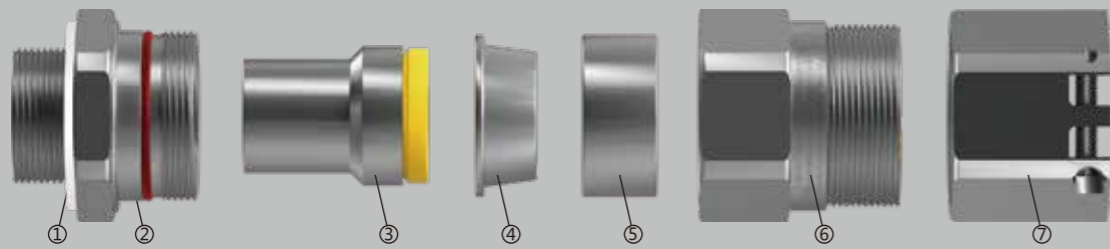
符合标准 Standards: IEC60079-0,1,7,15,31
 CCC证书 CCC Certificate: 2021122313114718
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1325U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

材料种类 Material options: HPb59-1、H62、304、316、316L can be offered



Thread ∅D1	O.D.of Cable	Cable Core Qty	Max.Dia.of Over Cores	Armoured Range Min.	Armoured Range Max.	E mm	H mm	GL mm	H mm	Beisit No.
NPT1/2"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	27	BST-Exd-SFAC-N1213BR
NPT3/4"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	27	BST-Exd-SFAC-N3413BR
NPT1/2"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	27	BST-Exd-SFAC-N1216BR
NPT3/4"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	7	BST-Exd-SFAC-N3416BR
NPT1/2"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	73	19.9	30	BST-Exd-SFAC-N1221BR
NPT3/4"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	73	19.9	30	BST-Exd-SFAC-N3421BR
NPT3/4"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	20.2	38	BST-Exd-SFAC-N3426BR
NPT1"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	20.2	38	BST-Exd-SFAC-N10026BR
NPT1"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	94	25.0	46	BST-Exd-SFAC-N10034BR
NPT1 1/4"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	94	25.0	46	BST-Exd-SFAC-N11434BR
NPT1 1/4"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	98	25.6	55	BST-Exd-SFAC-N11441BR
NPT1 1/2"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	98	25.6	55	BST-Exd-SFAC-N11241BR
NPT2"	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	105	26.1	70	BST-Exd-SFAC-N20047BR
NPT2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	105	26.9	70	BST-Exd-SFAC-N20053BR
NPT2 1/2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	105	26.9	80	BST-Exd-SFAC-N21253BR
NPT2 1/2"	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52	111	26.9	80	BST-Exd-SFAC-N21259BR
NPT2 1/2"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52	111	39.9	80	BST-Exd-SFAC-N21266BR
NPT3"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	65.4	111	39.9	96	BST-Exd-SFAC-N30066BR
NPT3"	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	39.9	96	BST-Exd-SFAC-N30072BR
NPT3"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	41.5	96	BST-Exd-SFAC-N30079BR
NPT3 1/2"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	70.5	115	41.5	108	BST-Exd-SFAC-N31279BR
NPT3"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	130	41.5	102	BST-Exd-SFAC-N30080BR
NPT3 1/2"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	130	41.5	108	BST-Exd-SFAC-N31280BR
NPT3 1/2"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.7	128	42.8	114	BST-Exd-SFAC-N31291BR
NPT4"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.8	128	42.8	123	BST-Exd-SFAC-N40091BR
NPT3 1/2"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	142	42.8	127	BST-Exd-SFAC-N312105BR
NPT4"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	142	42.8	127	BST-Exd-SFAC-N400105BR

在开始安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.

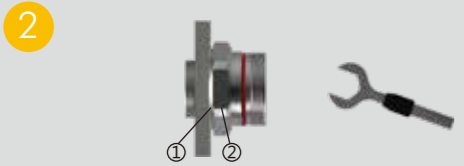


1	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
	M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
	M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
	M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
	M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm



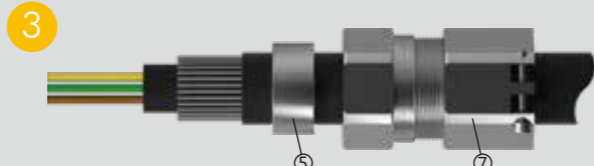
如有需要，在电缆外护层上安装护套；根据箱体大小，剥掉电缆外护层和铠装层；参考上表再剥掉部分外护层，使露出的钢丝长度“L”与上表一致。如果电缆芯上有耐油绵纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath and armored layer according to enclosure box size. Strip off outer sheath again according to the parameters in the table above, make the exposed length "L" of steel wire consistent with parameters in the table. If there's oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.



确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。

Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body② by the torque spanner⑧ in terms of the standard installation torque.



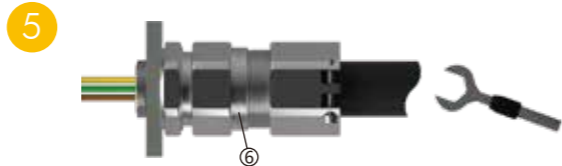
确保迫帽⑦是松开的，将电缆穿过组件“A”，上铠装环⑤。
注意：电缆为最大线径时，上铠装环只能通过铠装层。

Guarantee that the sealing nut⑦ is loose, pass the cable through assembly "A", top⑤ and bottom armored rings④.
Note: When the cable reach maximum diameter, the top armored ring⑤ can only pass through the armored layer.



将填料筒③安装至主体②上，将电缆内护层穿过填料筒③直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。

Install filling cylinder③ into the body②, pass cable cores through filling cylinder③ until the armored layer connect conical surface of bottom armored ring④ completely, press the steel wire evenly around the conical surface.



保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力，用扳手进一步拧紧主体⑥使上下铠装环压紧钢丝。

Keep connecting between armored layer and conical surface, at the same time, tighten body⑥ until strong resistance is felt, tighten further body⑥ by the torque spanner⑧ to make the bottom and top armored rings press steel wires tightly.

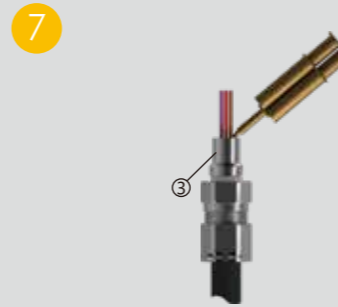


在开始安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.



拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。

Unscrew body⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.



接上混合喷嘴(小型多芯电缆使用延长喷嘴)，将树脂注入填料筒中③，确保树脂一直填满到填料筒的底部，擦去溢出的树脂，等待树脂从液体初步凝固。
0℃环境下需要30分钟 / 10℃环境下需要15分钟 / 20℃环境下需要7分钟 / 30℃环境下需要5分钟
如果混合管内有树脂余留，丢弃搅拌喷嘴，将混合管盖子重新盖上以便下次使用。

Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder③, to ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely.
Wait 30 minutes at 0 C / Wait 15 minutes at 10 C / Wait 7 minutes at 20 C / Wait 5 minutes at 30 C
If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.



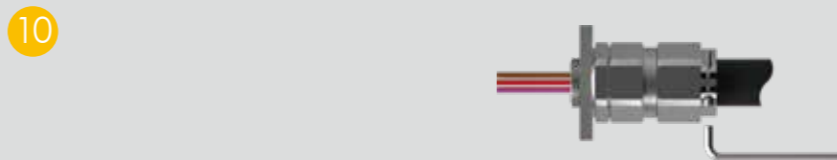
将填料筒③塞进主体②，旋紧主体⑥，再使用扭力扳手⑧将主体⑥拧紧至标准安装扭力，达到密封和紧固效果。

Insert the filling cylinder③ into the body②, Tighten the body⑥ by the spanner⑧ to standard installation torque, make body clamp the filling cylinder tightly to achieve good sealing and fastening effect.



拧紧迫紧螺帽⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。

Tighten sealing nut⑦ to make connection between seal and outer sheath of cable, to achieve good additional sealing and fastening effects.



将螺栓旋紧，对电缆外护层达到更高级别的电缆锁紧力。

Tighten bolts to achieve higher-level locking effects of cable sheath.

Exd-SST

隔爆单密封带绕线管电缆固定头
Single Sealing Tube Exd Cable Gland



应用领域 Application

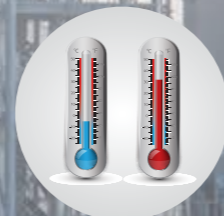
- 符合最新版IECEX和ATEX标准 Comply with the latest version of IECEx and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外非铠装和编织电缆 Indoor/outdoor Non-armoured, braided cable

特性 Features

- 柔性连接的结构设计 Structural design of flexible connection
- 防呆结构设计 Anti-slip design
- 同一种规格型号，统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models

技术参数 Technical parameters

- 测试温度：-65~150℃，使用温度：-60~130℃
Test temperature: -65~150℃, Working temperature: -60~130℃
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍（100%拉力） Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar

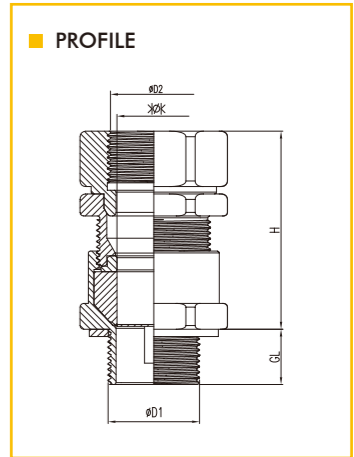


M型隔爆单密封带绕线管电缆固定头
Metric Type Single Sealing Tube Exd Cable Gland

→ SST



材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130℃
 认证测试温度 Certificate Testing Temperature: -65~150℃
 设计规范 Design Specification: IEC62444, EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0, 1, 7, 15, 31
 2021122313114717
 符合标准 Standards: IEC62444, EN62444
 CCC证书 CCC Certificate: CJEx21.1189U
 防爆合格证 Conformity Certificate of Ex-proof: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 防护类别代码 Code of Protection: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 符合标准 Standards: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 适用电缆类型 Cable Type: 非铠装和编织电缆 Non-Armoured & Braided Cable
 材料种类 Material options: HPb59-1、H62、304、316L can be offered
 接管母螺纹D2 Female conduit thread (D2): 可根据客户需求提供，M型、NPT型、G (PF) 型或其它螺纹
 Metric thread, NPT thread, G thread and other thread can be offered per customer's request



Thread ØD1	ØD2 mm	D2	H mm	GL mm	mm	Beisit No.
M16 x 1.5	3.0-8.0	M16 x 1.5	48	15	24	BST-Exd-SST-M1608BR
M20 x 1.5	3.0-8.0	M20 x 1.5	47	15	24	BST-Exd-SST-M2008BR
M20 x 1.5	7.5-12.0	M20 x 1.5	47	15	24	BST-Exd-SST-M2012BR
M20 x 1.5	8.7-14.0	M20 x 1.5	47	15	27	BST-Exd-SST-M2014BR
M25 x 1.5	9.0-15.0	M25 x 1.5	54	15	36	BST-Exd-SST-M2515BR
M25 x 1.5	13.0-20.0	M25 x 1.5	54	15	36	BST-Exd-SST-M2520BR
M32 x 1.5	19.0-26.5	M32 x 1.5	53	15	43	BST-Exd-SST-M3227BR
M40 x 1.5	25.0-32.5	M40 x 1.5	58	15	50	BST-Exd-SST-M4033BR
M50 x 1.5	31.0-38.0	M50 x 1.5	58	15	55	BST-Exd-SST-M5038BR
M50 x 1.5	36.0-44.0	M50 x 1.5	64	15	60	BST-Exd-SST-M5044BR
M63 x 1.5	41.5-50.0	M63 x 1.5	65	15	75	BST-Exd-SST-M6350BR
M63 x 1.5	48.0-55.0	M63 x 1.5	65	15	75	BST-Exd-SST-M6355BR
M75 x 1.5	54.0-62.0	M75 x 1.5	65	15	90	BST-Exd-SST-M7562BR
M75 x 1.5	61.0-68.0	M75 x 1.5	65	15	90	BST-Exd-SST-M7568BR
M80 x 2.0	67.0-73.0	M80 x 2.0	88	24	96	BST-Exd-SST-M8073BR
M90 x 2.0	66.6-80.0	M90 x 2.0	89	24	108	BST-Exd-SST-M9080BR
M100 x 2.0	76.0-89.0	M100 x 2.0	106	24	123	BST-Exd-SST-M10089BR

专利产品 Patented product.



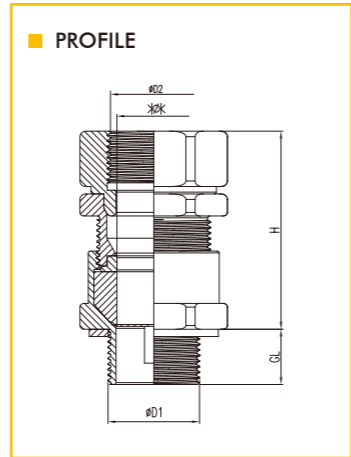
NPT型隔爆单密封带绕线管电缆固定头
NPT Type Single Sealing Tube Exd Cable Gland



→ SST

CJEx IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0,1,7,15,31
 2021122313114717
 CCC证书 CCC Certificate: CJEx21.1189U
 防爆合格证 Conformity Certificate of Ex-proof: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 防护类别代码 Code of Protection: 非铠装和编织电缆 Non-Armoured & Braided Cable
 符合标准 Standards: HPb59-1、H62、304、316、316L can be offered
 适用电缆类型 Cable Type: 可根据客户需求提供, M型、NPT型、G (PF) 型或其它螺纹
 材料种类 Material options: Metric thread, NPT thread, G thread and other thread can be offered per customer's request
 接管母螺纹D2 Female conduit thread (D2):



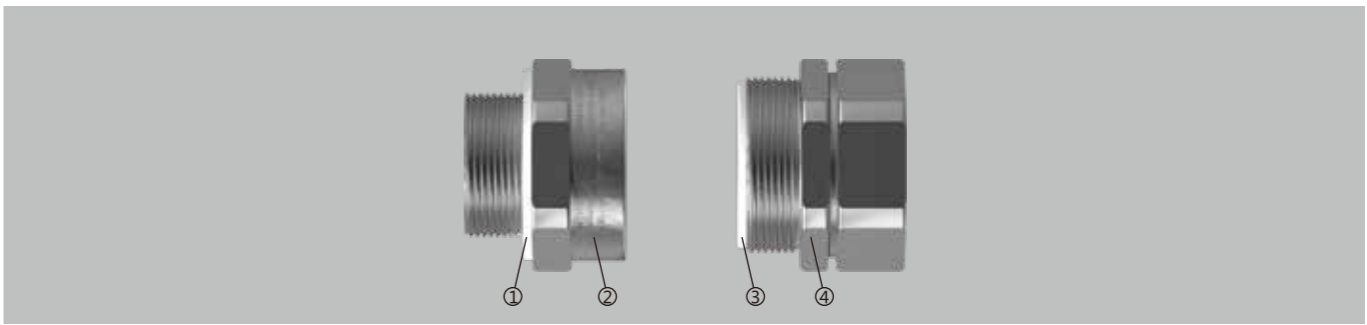
Thread ØD1	ØDk mm	D2	H mm	GL mm	H mm	Beisit No.
NPT1/2"	3.0-8.0	NPT1/2"	47	19.9	24	BST-Exd-SST-N1208BR
NPT3/4"	3.0-8.0	NPT3/4"	47	19.9	27	BST-Exd-SST-N3408BR
NPT1/2"	7.5-12.0	NPT1/2"	47	19.9	24	BST-Exd-SST-N1212BR
NPT3/4"	7.5-12.0	NPT3/4"	47	19.9	27	BST-Exd-SST-N3412BR
NPT1/2"	8.7-14.0	NPT1/2"	47	19.9	27	BST-Exd-SST-N1214BR
NPT3/4"	8.7-14.0	NPT3/4"	47	19.9	27	BST-Exd-SST-N3414BR
NPT3/4"	9.0-15.0	NPT3/4"	54	20.2	36	BST-Exd-SST-N3415BR
NPT3/4"	13.0-20.0	NPT3/4"	54	20.2	36	BST-Exd-SST-N3420BR
NPT1"	9.0-15.0	NPT1"	54	20.2	36	BST-Exd-SST-N10015BR
NPT1"	13.0-20.0	NPT1"	54	20.2	36	BST-Exd-SST-N10020BR
NPT1"	19.0-26.5	NPT1"	53	25.0	43	BST-Exd-SST-N10027BR
NPT1 1/4"	19.0-26.5	NPT1 1/4"	53	25.0	43	BST-Exd-SST-N11427BR
NPT1 1/4"	25.0-32.5	NPT1 1/4"	58	25.6	50	BST-Exd-SST-N11433BR
NPT1 1/2"	25.0-32.5	NPT1 1/4"	58	25.6	50	BST-Exd-SST-N11233BR
NPT2"	31.0-38.0	NPT2"	58	26.1	70	BST-Exd-SST-N20038BR
NPT2"	35.6-44.0	NPT2"	64	26.9	70	BST-Exd-SST-N20044BR
NPT2 1/2"	35.6-44.0	NPT2 1/2"	64	26.9	80	BST-Exd-SST-N21244BR
NPT2 1/2"	41.5-50.0	NPT2 1/2"	66	26.9	80	BST-Exd-SST-N21250BR
NPT2 1/2"	48.0-55.0	NPT2 1/2"	66	39.9	80	BST-Exd-SST-N21255BR
NPT3"	48.0-55.0	NPT3"	66	39.9	96	BST-Exd-SST-N30055BR
NPT3"	54.0-62.0	NPT3"	63	39.9	96	BST-Exd-SST-N30062BR
NPT3"	61.0-68.0	NPT3"	63	41.5	96	BST-Exd-SST-N30068BR
NPT3 1/2"	61.0-68.0	NPT3 1/2"	63	41.5	108	BST-Exd-SST-N31268BR
NPT3"	67.0-73.0	NPT3"	82	41.5	96	BST-Exd-SST-N30073BR
NPT3 1/2"	67.0-73.0	NPT3 1/2"	82	41.5	108	BST-Exd-SST-N31273BR
NPT3 1/2"	66.6-80.0	NPT3 1/2"	80	42.8	108	BST-Exd-SST-N31280BR
NPT4"	66.6-80.0	NPT4"	82	42.8	123	BST-Exd-SST-N40080BR
NPT3 1/2"	76.0-89.0	NPT3 1/2"	98	42.8	123	BST-Exd-SST-N31289BR
NPT4"	76.0-89.0	NPT4"	98	42.8	123	BST-Exd-SST-N40089BR

隔爆单密封带绕线管电缆固定头安装作业指导书

Installation Instructions for Single Sealing Explosion-proof Cable Gland with Flexible Tube



在开始安装前, 请仔细阅读所有说明。
Please read all instructions carefully before installation.



1 用游标卡尺确认电缆直径是否在标准线径范围内。
Use vernier caliper to confirm whether cable diameter is within the standard cable range.

2 剥掉电缆外层, 压接好端子。
Strip off the outer sheath of cables, crimp the terminal.

3 确保垫片①安装到位, 将电缆固定头拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定), 使用扭力扳手⑥拧紧主体②至标准安装扭力。
Guarantee that the gasket is installed in place. Screw the body into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body by the torque spanner to the standard installation torque.

4 将电缆穿过电缆固定头, 用手旋紧迫紧螺帽④。
Pass the cable end go through the gland, tighten the sealing nut.

5 使用扭力扳手⑥拧紧迫紧螺帽④至标准安装扭力, 使密封件夹紧电缆达到密封和紧固效果。
Tighten the sealing nut by the spanner to the standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

6 固定迫紧螺帽④的活动部位, 将绕线管⑤拧紧至迫紧螺帽④上。
Fix the movable part of the sealing nut, tighten the flexible tube set to the sealing nut.

Technical Appendix

Exd

Exe

Accessories

Technical Appendix

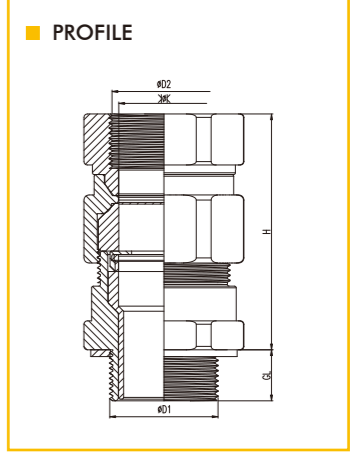
Exd

Exe

Accessories

→ SSFT CJEx IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444, EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0, 1, 7, 15, 31
 2021122313114717
 符合标准 Standards: IEC60079-0, 1, 7, 15, 31
 CCC证书 CCC Certificate: 2021122313114717
 防爆合格证 Conformity Certificate of Ex-proof: CJEx21.1326U
 防护类别代码 Code of Protection: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0, GB3836.1, GB3836.2, GB12476.1, GB12476.5
 适用电缆类型 Cable Type: 非铠装电缆 Non-Armoured Cable
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered
 接管母螺纹D2 Female conduit thread (D2): 可根据客户需求提供, M型、NPT型、G (PF) 型或其它螺纹
 Metric thread, NPT thread, G thread and other thread can be offered per customer's request



Thread ∅D1	∅K mm	D2	Cable Core Qty	Max.Dia.of Over Cores	E mm	H mm	GL mm	∅ mm	Beisit No.
M16 x 1.5	3.0-8.0	M16 x 1.5	6	6.8	8.5	63	15	24	BST-Exd-SSFT-M1608BR
M20 x 1.5	3.0-8.0	M20 x 1.5	6	10	12.5	60	15	24	BST-Exd-SSFT-M2008BR
M20 x 1.5	7.5-12.0	M20 x 1.5	6	10	12.5	60	15	24	BST-Exd-SSFT-M2012BR
M20 x 1.5	8.7-14.0	M20 x 1.5	10	9.8	12.3	60	15	27	BST-Exd-SSFT-M2014BR
M25 x 1.5	9.0-15.0	M25 x 1.5	21	13.4	16.8	68	15	36	BST-Exd-SSFT-M2515BR
M25 x 1.5	13.0-20.0	M25 x 1.5	21	13.4	16.8	68	15	36	BST-Exd-SSFT-M2520BR
M32 x 1.5	19.0-26.5	M32 x 1.5	42	18.9	23.7	68	15	43	BST-Exd-SSFT-M3227BR
M40 x 1.5	25.0-32.5	M40 x 1.5	60	24.8	31.0	72	15	50	BST-Exd-SSFT-M4033BR
M50 x 1.5	31.0-38.0	M50 x 1.5	80	30.8	38.5	79	15	55	BST-Exd-SSFT-M5038BR
M50 x 1.5	36.0-44.0	M50 x 1.5	80	32.8	41.1	82	15	60	BST-Exd-SSFT-M5044BR
M63 x 1.5	41.5-50.0	M63 x 1.5	100	41.6	52.0	84	15	75	BST-Exd-SSFT-M6350BR
M63 x 1.5	48.0-55.0	M63 x 1.5	100	41.6	52.0	84	15	75	BST-Exd-SSFT-M6355BR
M75 x 1.5	54.0-62.0	M75 x 1.5	120	52.3	65.4	83	15	90	BST-Exd-SSFT-M7562BR
M75 x 1.5	61.0-68.0	M75 x 1.5	120	52.3	65.4	83	15	90	BST-Exd-SSFT-M7568BR
M80 x 2.0	67.0-73.0	M80 x 2.0	140	56.4	70.5	109	24	96	BST-Exd-SSFT-M8073BR
M90 x 2.0	66.6-80.0	M90 x 2.0	140	62.9	78.7	110	24	108	BST-Exd-SSFT-M9080BR
M100 x 2.0	76.0-89.0	M100 x 2.0	200	70.9	88.7	128	24	123	BST-Exd-SSFT-M10089BR



Technical Appendix

Exd

Exe

Accessories

Exd-SSFT 隔爆单密封带填料带绕线管电缆固定头
Single Sealing Filling Tube Exd Cable Gland

CJEx IECEx ATEX CCC Ex CE IP68 RoHS REACH

应用领域 Application

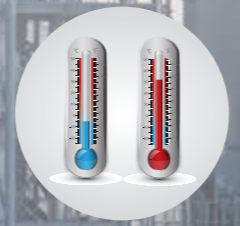
- 符合最新版IECEx和ATEX标准 Comply with the latest version of IECEx and ATEX standards
- 适用于气体1、2区及粉尘20、21、22区 Suitable for gas 1, 2 zone and dust 20, 21, 22 zone
- 户内/户外非铠装和编织电缆 Indoor/outdoor Non-armoured, braided cable

特性 Features

- 柔性连接的结构设计 Structural design of flexible connection
- 两种填料方式 2 filling method for barrier
- 防呆结构设计 Anti-slip design
- 同一种规格型号, 统一的扳手位尺寸 The same specification, the same wrench size
- 规格型号齐全 Complete specifications and models

技术参数 Technical parameters

- 测试温度: -65~150°C, 使用温度: -60~130°C
Test temperature: -65~150 C, Working temperature: -60~130 C
- IP68 10米水深8h IP68 10m/8h
- 承重测试直径20倍 (100%拉力) Loading test diameter 20 times (100% pull)
- 静压测试30bar Hydrostatic test 30bar



Technical Appendix

Exd

Exe

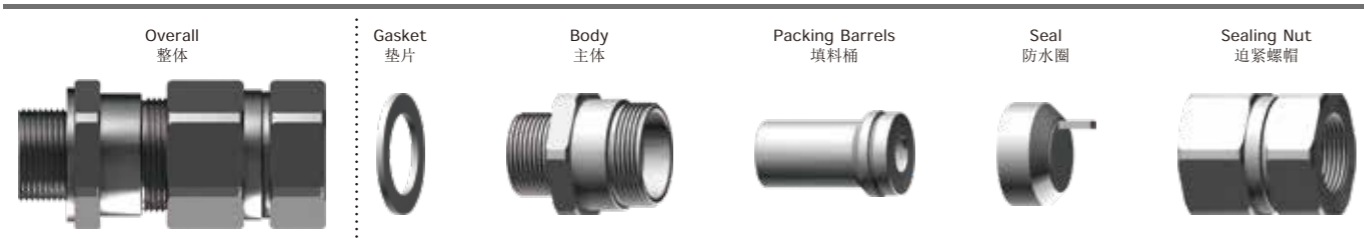
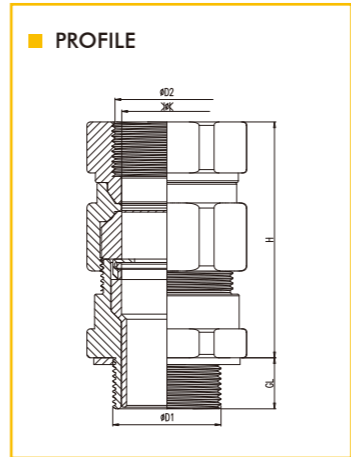
Accessories

NPT型隔爆单密封带填料带绕线管电缆固定头
NPT Type Single Sealing Filling Tube Exd Cable Gland



→ SSFT CJEx IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
 防水圈 Seal: 倍仕得隔爆专用弹性体 Beisit solo elastomer for Exd cable glands
 垫片 Gasket: 高稳定性尼龙材料 High Stable PA Material
 工作温度 Working Temperature: -60~130 C
 认证测试温度 Certificate Testing Temperature: -65~150 C
 设计规范 Design Specification: IEC62444,EN62444
 IECEx证书 IECEx Certificate: IECEx TUR 20.0079X
 ATEX证书 Certificate: TÜV 20 ATEX 8609X
 防护类别代码 Code of Protection: I M2 Ex db I Mb/Ex eb I Mb
 II 2 G Ex db IIC Gb/Ex eb IIC Gb/Ex nR IIC Gc
 II 1 D Ex ta IIC Da IP66/68 (10m 8h)
 IEC60079-0,1,7,15,31
 2021122313114717
 CCC证书 CCC Certificate: CJEx21.1326U
 防爆合格证 Conformity Certificate of Ex-proof: Ex d II C Gb;Ex tD A21 IP66/68 (10m 8h)
 符合标准 Standards: GB3636.0,GB3836.1,GB3836.2,GB12476.1,GB12476.5
 适用电缆类型 Cable Type: 非铠装电缆 Non-Armoured Cable
 材料种类 Material options: HPb59-1、H62、304、316、316L can be offered
 接管母螺纹D2 Female conduit thread (D2): 可根据客户需求提供, M型、NPT型、G (PF) 型或其它螺纹
 Metric thread, NPT thread, G thread and other thread can be offered per customer's request

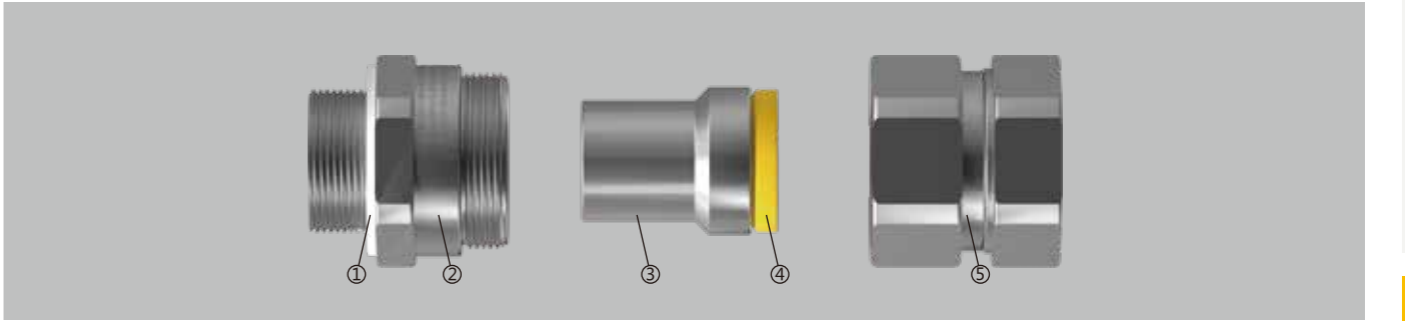


Thread ØD1	mm	D2	Cable Core Qty	Max.Dia.of Over Cores	E mm	H mm	GL mm	mm	Beisit No.
NPT1/2"	3.0-8.0	NPT1/2"	6	10	12.5	60	19.9	24	BST-Exd-SSFT-N1208BR
NPT3/4"	3.0-8.0	NPT3/4"	6	10	12.5	60	19.9	27	BST-Exd-SSFT-N3408BR
NPT1/2"	7.5-12.0	NPT1/2"	6	10	12.5	60	19.9	24	BST-Exd-SSFT-N1212BR
NPT3/4"	7.5-12.0	NPT3/4"	6	10	12.5	60	19.9	27	BST-Exd-SSFT-N3412BR
NPT1/2"	8.7-14.0	NPT1/2"	10	9.8	12.3	60	19.9	27	BST-Exd-SSFT-N1214BR
NPT3/4"	8.7-14.0	NPT3/4"	10	9.8	12.3	60	19.9	27	BST-Exd-SSFT-N3414BR
NPT3/4"	9.0-15.0	NPT3/4"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N3415BR
NPT3/4"	13.0-20.0	NPT3/4"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N3420BR
NPT1"	9.0-15.0	NPT1"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N10015BR
NPT1"	13.0-20.0	NPT1"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N10020BR
NPT1"	19.0-26.5	NPT1"	42	19.0	23.7	68	25.0	43	BST-Exd-SSFT-N10027BR
NPT1 1/4"	19.0-26.5	NPT1 1/4"	42	19.0	23.7	68	25.0	43	BST-Exd-SSFT-N11427BR
NPT1 1/4"	25.0-32.5	NPT1 1/4"	60	24.8	31.0	72	25.6	50	BST-Exd-SSFT-N11433BR
NPT1 1/2"	25.0-32.5	NPT1 1/4"	60	24.8	31.0	72	25.6	50	BST-Exd-SSFT-N11233BR
NPT2"	31.0-38.0	NPT2"	80	30.8	38.5	79	26.1	70	BST-Exd-SSFT-N20038BR
NPT2"	35.6-44.0	NPT2"	80	32.9	41.1	82	26.9	70	BST-Exd-SSFT-N20044BR
NPT2 1/2"	35.6-44.0	NPT2 1/2"	80	32.9	41.1	82	26.9	80	BST-Exd-SSFT-N21244BR
NPT2 1/2"	41.5-50.0	NPT2 1/2"	100	41.6	52	84	26.9	80	BST-Exd-SSFT-N21250BR
NPT2 1/2"	48.0-55.0	NPT2 1/2"	100	41.6	52	84	39.9	80	BST-Exd-SSFT-N21255BR
NPT3"	48.0-55.0	NPT3"	100	41.6	65.4	84	39.9	96	BST-Exd-SSFT-N30055BR
NPT3"	54.0-62.0	NPT3"	120	52.3	65.4	83	39.9	96	BST-Exd-SSFT-N30062BR
NPT3"	61.0-68.0	NPT3"	120	52.3	65.4	83	41.5	96	BST-Exd-SSFT-N30068BR
NPT3 1/2"	61.0-68.0	NPT3 1/2"	120	52.3	70.5	83	41.5	108	BST-Exd-SSFT-N31268BR
NPT3"	67.0-73.0	NPT3"	140	56.4	70.5	113	41.5	96	BST-Exd-SSFT-N30073BR
NPT3 1/2"	67.0-73.0	NPT3 1/2"	140	56.4	70.5	113	41.5	108	BST-Exd-SSFT-N31273BR
NPT3 1/2"	66.6-80.0	NPT3 1/2"	140	63.0	78.7	114	42.8	108	BST-Exd-SSFT-N31280BR
NPT4"	66.6-80.0	NPT4"	140	63.0	78.8	114	42.8	123	BST-Exd-SSFT-N40080BR
NPT3 1/2"	76.0-89.0	NPT3 1/2"	200	71.0	88.7	132	42.8	123	BST-Exd-SSFT-N31289BR
NPT4"	76.0-89.0	NPT4"	200	71.0	88.7	132	42.8	123	BST-Exd-SSFT-N40089BR

隔爆单密封带填料带绕线管电缆固定头安装作业指导书
Installation Instructions for Single Seal Explosion-proof Cable Gland with Filling and Flexible Tube



在开始安装前, 请仔细阅读所有说明。
Please read all instructions carefully before installation.



Model	Length of Naked Wire	Model	Length of Naked Wire	Model	Length of Naked Wire	Model	Length of Naked Wire
M1608	19mm	M2520BR	20mm	M5044	27mm	M7568	27mm
M2008	16mm	M3227BR	21mm	M6350	28mm	M8073	34mm
M2012	16mm	M4033BR	21mm	M6355	28mm	M9080	34mm
M2014	16mm	M5038BR	24mm	M7562	27mm	M10089	60mm

剥掉电缆外护套露出内部电缆芯轴 (外护套长度=端子离箱体外侧长度+下表剥线长度), 将电缆芯轴的绝缘层清理干净。如果电缆芯轴上有耐油绵纸, 也应该被拆成一根根单独的芯轴, 使用绝缘胶带将芯轴末端捆扎在一起。
Strip off the outer sheath of cable to expose the inner cable cores. (Outer cutting sheath Length = Distance from the terminal to the outer plate of box + Length of naked wire indicated in the table below.) And then clean the insulation layer of cable cores. If there's oil resistance cotton paper wrapped around cable cores, it should be disassembled into single one, bundle cable cores bottom with insulated tapes finally.

2. 确保垫片①安装到位, 将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定), 使用扭力扳手⑦将主体②拧紧至安装扭力。
Guarantee that the gasket ① is installed in place. Screw the body ② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body ② by the torque spanner ⑦ to the standard installation torque.

3. 将电缆末端依次穿过追紧螺帽⑤和填料筒③, 直至外绝缘层超过防水圈④, 拆除芯轴末端的绝缘胶带, 将其竖直固定在装置上。
Pass the cable end through sealing nut ⑤ and filling cylinder ③ in turn, until outer insulation layer exceeds seal ④, strip off insulating tape at the bottom of cable cores, fix it in cylinder vertically.

4. 接上混合喷嘴 (小型多芯电缆使用延长喷嘴), 将树脂注入填料筒③中, 确保树脂一直填满到填料筒的底部, 擦去溢出的树脂, 等待树脂从液体初步凝固。
0°C环境下需要30分钟 / 10°C环境下需要15分钟 / 20°C环境下需要7分钟 / 30°C环境下需要5分钟
如果混合管内有树脂余留, 丢弃搅拌喷嘴, 将混合管盖子重新盖上以便下次使用。
Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder, ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely.
Wait 30 minutes at 0 C / Wait 15 minutes at 10 C / Wait 7 minutes at 20 C / Wait 5 minutes at 30 C
If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.



Technical Appendix

Exd

Exe

Accessories

Technical Appendix

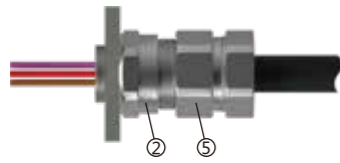
Exd

Exe

Accessories

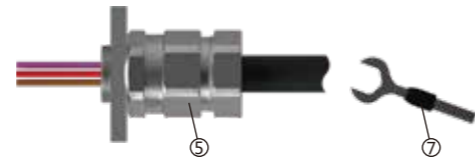
在安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.

5



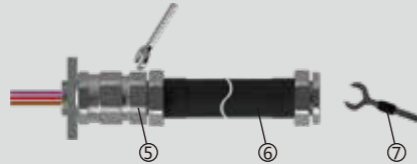
将填料筒③塞进主体②，旋紧迫紧螺帽⑤。
Insert the filling cylinder③ into the body②, tighten the sealing nut⑤.

6



使用扭力扳手⑦拧紧迫紧螺帽⑤至标准安装扭力，使密封件夹紧电缆达到密封和紧固效果。
Tighten the sealing nut⑤ by the spanner⑦ to the standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

7



固定迫紧螺帽⑤的活动部位，将挠线管⑥拧紧至迫紧螺帽⑤上。
Fix the movable part of the sealing nut⑤, tighten the flexible tube set⑥ to the sealing nut⑤.



M型/M加长型增安尼龙电缆固定头

Metric Type/Metric Length Type Exe Nylon Cable Glands

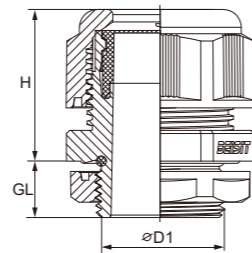


→ M/M-Length

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 防水圈 Seal: 硅橡胶 Silicone Rubber
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20°C to 80°C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0027X
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
 CCC证书 CCC Certificate: 2021122313114695
 防爆合格证 Conformity Certificate of Ex-proof: CNEX 17.2577X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

■ PROFILE



Thread $\varnothing D1$	\varnothing mm	H mm	GL mm	\varnothing mm	Beisit No. RAL7035	Article No. RAL7035	Beisit No. RAL9005	Article No. RAL9005
NCG-M12 x 1.5	3-6.5	21	8	15	Ex-M1207	5.210.1201.1011	Ex-M1207B	5.210.1203.1011
NCG-M16 x 1.5	6-8	22	8	19	Ex-M1608	5.210.1601.1011	Ex-M1608B	5.210.1603.1011
NCG-M16 x 1.5	5-10	25	8	22	Ex-M1610	5.210.1631.1011	Ex-M1610B	5.210.1633.1011
NCG-M20 x 1.5	6-12	27	9	24	Ex-M2012	5.210.2001.1011	Ex-M2012B	5.210.2003.1011
NCG-M20 x 1.5	10-14	28	9	27	Ex-M2014	5.210.2031.1011	Ex-M2014B	5.210.2033.1011
NCG-M25 x 1.5	13-18	31	11	33	Ex-M2518	5.210.2501.1011	Ex-M2518B	5.210.2503.1011
NCG-M32 x 1.5	18-25	37	11	42	Ex-M3225	5.210.3201.1011	Ex-M3225B	5.210.3203.1011
NCG-M40 x 1.5	22-32	48	13	53	Ex-M4032	5.210.4001.1011	Ex-M4032B	5.210.4003.1011
NCG-M50 x 1.5	32-38	49	13	60	Ex-M5038	5.210.5001.1011	Ex-M5038B	5.210.5003.1011
NCG-M63 x 1.5	37-44	49	14	65/68	Ex-M6344	5.210.6301.1011	Ex-M6344B	5.210.6303.1011
NCG-M12 x 1.5	3-6.5	21	15	15	Ex-M1207L	5.210.1201.1111	Ex-M1207BL	5.210.1203.1111
NCG-M16 x 1.5	6-8	22	15	19	Ex-M1608L	5.210.1601.1111	Ex-M1608BL	5.210.1603.1111
NCG-M16 x 1.5	5-10	25	15	22	Ex-M1610L	5.210.1631.1111	Ex-M1610BL	5.210.1633.1111
NCG-M20 x 1.5	6-12	27	15	24	Ex-M2012L	5.210.2001.1111	Ex-M2012BL	5.210.2003.1111
NCG-M20 x 1.5	10-14	28	15	27	Ex-M2014L	5.210.2031.1111	Ex-M2014BL	5.210.2033.1111
NCG-M25 x 1.5	13-18	31	15	33	Ex-M2518L	5.210.2501.1111	Ex-M2518BL	5.210.2503.1111
NCG-M32 x 1.5	18-25	37	15	42	Ex-M3225L	5.210.3201.1111	Ex-M3225BL	5.210.3203.1111
NCG-M40 x 1.5	22-32	48	18	53	Ex-M4032L	5.210.4001.1111	Ex-M4032BL	5.210.4003.1111
NCG-M50 x 1.5	32-38	49	18	60	Ex-M5038L	5.210.5001.1111	Ex-M5038BL	5.210.5003.1111
NCG-M63 x 1.5	37-44	49	18	65/68	Ex-M6344L	5.210.6301.1111	Ex-M6344BL	5.210.6303.1111

专利产品 Patented product.



PG型/PG加长型增安尼龙电缆固定头

PG Type/PG-Length Type Exe Nylon Cable Glands

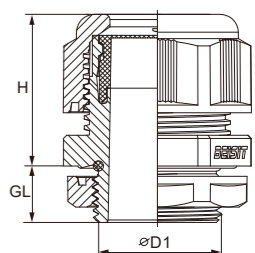


→ PG/PG-Length

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 防水圈 Seal: 硅橡胶 Silicone Rubber
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20°C to 80°C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0027X
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
 CCC证书 CCC Certificate: 2021122313114695
 防爆合格证 Conformity Certificate of Ex-proof: CNEX 17.2577X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

■ PROFILE



Thread $\varnothing D1$	\varnothing mm	H mm	GL mm	\varnothing mm	Beisit No. RAL7035	Article No. RAL7035	Beisit No. RAL9005	Article No. RAL9005
NCG-PG 7	3-6.5	21	8	15	Ex-P0707	5.210.0701.1211	Ex-P0707B	5.210.0703.1211
NCG-PG 9	6-8	22	8	19	Ex-P0908	5.210.0901.1211	Ex-P0908B	5.210.0903.1211
NCG-PG 11	5-10	25	8	22	Ex-P1110	5.210.1101.1211	Ex-P1110B	5.210.1103.1211
NCG-PG 13.5	6-12	27	9	24	Ex-P13512	5.210.1301.1211	Ex-P13512B	5.210.1303.1211
NCG-PG 16	10-14	28	10	27	Ex-P1614	5.210.1601.1211	Ex-P1614B	5.210.1603.1211
NCG-PG 21	13-18	31	11	33	Ex-P2118	5.210.2101.1211	Ex-P2118B	5.210.2103.1211
NCG-PG 29	18-25	37	11	42	Ex-P2925	5.210.2901.1211	Ex-P2925B	5.210.2903.1211
NCG-PG 36	22-32	48	13	53	Ex-P3632	5.210.3601.1211	Ex-P3632B	5.210.3603.1211
NCG-PG 42	32-38	49	13	60	Ex-P4238	5.210.4201.1211	Ex-P4238B	5.210.4203.1211
NCG-PG 48	37-44	49	14	65	Ex-P4844	5.210.4801.1211	Ex-P4844B	5.210.4803.1211
NCG-PG 7	3-6.5	21	15	15	Ex-P0707L	5.210.0701.1311	Ex-P0707BL	5.210.0703.1311
NCG-PG 9	6-8	22	15	19	Ex-P0908L	5.210.0901.1311	Ex-P0908BL	5.210.0903.1311
NCG-PG 11	5-10	25	15	22	Ex-P1110L	5.210.1101.1311	Ex-P1110BL	5.210.1103.1311
NCG-PG 13.5	6-12	27	15	24	Ex-P13512L	5.210.1301.1311	Ex-P13512BL	5.210.1303.1311
NCG-PG 16	10-14	28	15	27	Ex-P1614L	5.210.1601.1311	Ex-P1614BL	5.210.1603.1311
NCG-PG 21	13-18	31	15	33	Ex-P2118L	5.210.2101.1311	Ex-P2118BL	5.210.2103.1311
NCG-PG 29	18-25	37	18	42	Ex-P2925L	5.210.2901.1311	Ex-P2925BL	5.210.2903.1311
NCG-PG 36	22-32	48	18	53	Ex-P3632L	5.210.3601.1311	Ex-P3632BL	5.210.3603.1311
NCG-PG 42	32-38	49	18	60	Ex-P4238L	5.210.4201.1311	Ex-P4238BL	5.210.4203.1311
NCG-PG 48	37-44	49	18	65	Ex-P4844L	5.210.4801.1311	Ex-P4844BL	5.210.4803.1311

专利产品 Patented product.



NPT型增安尼龙电缆固定头

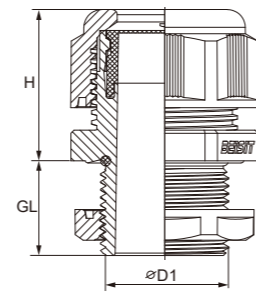
NPT Type Exe Nylon Cable Glands



→ NPT CNEX IECEx ATEX IP68 RoHS REACH

材料 Material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 防水圈 Seal: 硅橡胶 Silicone Rubber
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20°C to 80°C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0027X
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
 CCC证书 CCC Certificate: 2021122313114695
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2577X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread $\varnothing D1$	\varnothing mm	H mm	GL mm	\varnothing mm	Beisit No. RAL7035	Article No. RAL7035	Beisit No. RAL9005	Article No. RAL9005
NCG-3/8"NPT	6-8	22	15	22	Ex-N3808	5.210.3801.1411	Ex-N3808B	5.210.3803.1411
NCG-1/2"NPT	6-12	27	13	24	Ex-N12612	5.210.1201.1411	Ex-N12612B	5.210.1203.1411
NCG-1/2"NPT/E	10-14	28	13	27	Ex-N1214	5.210.1231.1411	Ex-N1214B	5.210.1233.1411
NCG-3/4"NPT	13-18	31	14	33	Ex-N3418	5.210.3401.1411	Ex-N3418B	5.210.3403.1411
NCG-1"NPT	18-25	37	19	42	Ex-N10025	5.210.1001.1411	Ex-N10025B	5.210.1003.1411
NCG-1 1/4"NPT	18-25	39	16	42/46	Ex-N11425	5.210.5401.1411	Ex-N11425B	5.210.5403.1411
NCG-1 1/2"NPT	22-32	48	20	53	Ex-N11232	5.210.3201.1411	Ex-N11232B	5.210.3203.1411

专利产品 Patented product.



M型/M加长型增安金属电缆固定头

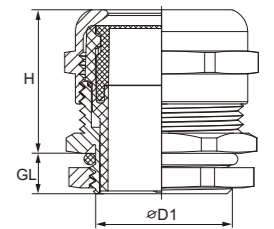
Metric Type/Metric Length Type Exe Metal Cable Glands



→ M/M-Length CNEX IECEx ATEX IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-Plated Brass
 固定连接组件 Fixture material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 防水圈 Seal: 硅橡胶 Silicone Rubber
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20°C to 80°C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0027X
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
 CCC证书 CCC Certificate: 2021122313114695
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2577X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread $\varnothing D1$	\varnothing mm	H mm	GL mm	\varnothing mm	Beisit No.	Article No.
MCG-M12 x 1.5	3-6.5	19	6.5	14	Ex-M1207BR	5.110.1201.1011
MCG-M16 x 1.5	4-8	21	6	17/19	Ex-M1608BR	5.110.1601.1011
MCG-M16 x 1.5	5-10	22	6	20	Ex-M1610BR	5.110.1631.1011
MCG-M20 x 1.5	6-12	23	6	22	Ex-M2012BR	5.110.2001.1011
MCG-M20 x 1.5	10-14	24	6	24	Ex-M2014BR	5.110.2031.1011
MCG-M25 x 1.5	13-18	25	7	30	Ex-M2518BR	5.110.2501.1011
MCG-M32 x 1.5	18-25	31	8	40	Ex-M3225BR	5.110.3201.1011
MCG-M40 x 1.5	22-32	37	8	50	Ex-M4032BR	5.110.4001.1011
MCG-M50 x 1.5	32-38	37	9	57	Ex-M5038BR	5.110.5001.1011
MCG-M63 x 1.5	37-44	38	10	64/68	Ex-M6344BR	5.110.6301.1011
MCG-M12 x 1.5	3-6.5	19	10	14	Ex-M1207BRL	5.110.1201.1111
MCG-M16 x 1.5	4-8	21	10	17/19	Ex-M1608BRL	5.110.1601.1111
MCG-M16 x 1.5	5-10	22	10	20	Ex-M1610BRL	5.110.1631.1111
MCG-M20 x 1.5	6-12	23	10	22	Ex-M2012BRL	5.110.2001.1111
MCG-M20 x 1.5	10-14	24	10	24	Ex-M2014BRL	5.110.2031.1111
MCG-M25 x 1.5	13-18	25	12	30	Ex-M2518BRL	5.110.2501.1111
MCG-M32 x 1.5	18-25	31	12	40	Ex-M3225BRL	5.110.3201.1111
MCG-M40 x 1.5	22-32	37	15	50	Ex-M4032BRL	5.110.4001.1111
MCG-M50 x 1.5	32-38	37	15	57	Ex-M5038BRL	5.110.5001.1111
MCG-M63 x 1.5	37-44	38	15	64/68	Ex-M6344BRL	5.110.6301.1111

专利产品 Patented product.



PG型/PG加长型增安金属电缆固定头
PG Type/PG-Length Type Exe Metal Cable Glands

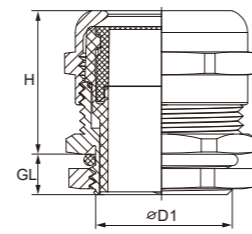


→ PG/PG-Length

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-Plated Brass
固定连接组件 Fixture material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
防水圈 Seal: 硅橡胶 Silicone Rubber
O型圈 O Ring: 硅橡胶 Silicone Rubber
工作温度 Working temperature: -20°C to 80°C
IECEX证书 IECEx Certificate: IECEx CNEX 18.0027X
ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
CCC证书 CCC Certificate: 2021122313114695
防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2577X
阻燃等级 Flammability rating: V2 (UL94)
防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread $\varnothing D1$	$\varnothing k$ mm	H mm	GL mm	$\varnothing W$ mm	Beisit No.	Article No.
MCG-PG 7	3-6.5	19	5	14	Ex-P0707BR	5.110.0701.1211
MCG-PG 9	4-8	21	6	17	Ex-P0908BR	5.110.0901.1211
MCG-PG 11	5-10	22	6	20	Ex-P1110BR	5.110.1101.1211
MCG-PG 13.5	6-12	23	6.5	22	Ex-P13512BR	5.110.1301.1211
MCG-PG 16	10-14	24	6.5	24	Ex-P1614BR	5.110.1601.1211
MCG-PG 21	13-18	25	7	30	Ex-P2118BR	5.110.2101.1211
MCG-PG 29	18-25	31	8	40	Ex-P2925BR	5.110.2901.1211
MCG-PG 36	22-32	37	8	50	Ex-P3632BR	5.110.3601.1211
MCG-PG 42	32-38	37	9	57	Ex-P4238BR	5.110.4201.1211
MCG-PG 48	37-44	38	10	64	Ex-P4844BR	5.110.4801.1211
MCG-PG 7	3-6.5	19	10	14	Ex-P0707BRL	5.110.0701.1311
MCG-PG 9	4-8	21	10	17	Ex-P0908BRL	5.110.0901.1311
MCG-PG 11	5-10	22	10	20	Ex-P1110BRL	5.110.1101.1311
MCG-PG 13.5	6-12	23	10	22	Ex-P13512BRL	5.110.1301.1311
MCG-PG 16	10-14	24	10	24	Ex-P1614BRL	5.110.1601.1311
MCG-PG 21	13-18	25	12	30	Ex-P2118BRL	5.110.2101.1311
MCG-PG 29	18-25	31	12	40	Ex-P2925BRL	5.110.2901.1311
MCG-PG 36	22-32	37	15	50	Ex-P3632BRL	5.110.3601.1311
MCG-PG 42	32-38	37	15	57	Ex-P4238BRL	5.110.4201.1311
MCG-PG 48	37-44	38	15	64	Ex-P4844BRL	5.110.4801.1311

专利产品 Patented product.



NPT型增安金属电缆固定头
NPT Type Exe Metal Cable Glands

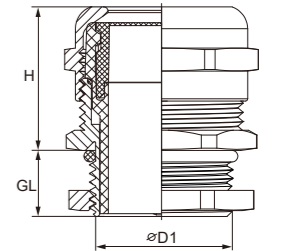


→ NPT

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-Plated Brass
固定连接组件 Fixture material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
防水圈 Seal: 硅橡胶 Silicone Rubber
O型圈 O Ring: 硅橡胶 Silicone Rubber
工作温度 Working temperature: -20°C to 80°C
IECEX证书 IECEx Certificate: IECEx CNEX 18.0027X
ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
CCC证书 CCC Certificate: 2021122313114695
防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2577X
阻燃等级 Flammability rating: V2 (UL94)
防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread $\varnothing D1$	$\varnothing k$ mm	H mm	GL mm	$\varnothing W$ mm	Beisit No.	Article No.
MCG-3/8"NPT	4-8	21	15	17/19	Ex-N3808BR	5.110.3801.1411
MCG-1/2"NPT	6-12	23	13	22	Ex-N12612BR	5.110.1201.1411
MCG-1/2"NPT/E	10-14	24	13	24	Ex-N1214BR	5.110.1231.1411
MCG-3/4"NPT	13-18	25	13	30	Ex-N3418BR	5.110.3401.1411
MCG-1"NPT	18-25	31	15	40	Ex-N10025BR	5.110.1001.1411
MCG-1 1/4"NPT	18-25	31	17	44	Ex-N11425BR	5.110.5401.1411
MCG-1 1/2"NPT	22-32	37	20	50	Ex-N11232BR	5.110.3201.1411

专利产品 Patented product.



加强型M/M加长增安金属电缆固定头 Metric Type/Metric-Length Type Exe Metal Cable Glands-Reinforced Type

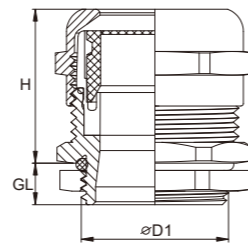


→ M/M-Length

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-Plated Brass
 固定连接组件 Fixture material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 防水圈 Seal: 硅橡胶 Silicone Rubber
 O型圈 O-Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20°C to 80°C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0027X
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
 CCC证书 CCC Certificate: 2021122313114695
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2577X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread øD1	øK mm	H mm	GL mm	W mm	Beisit No.	Article No.
MCG-M12 x 1.5	3-6.5	19	6.5	14	Ex-M1207BR-R	5.120.1201.1011
MCG-M16 x 1.5	4-8	21	6	17/19	Ex-M1608BR-R	5.120.1601.1011
MCG-M16 x 1.5	5-10	22	6	20	Ex-M1610BR-R	5.120.1631.1011
MCG-M20 x 1.5	6-12	23	6	22	Ex-M2012BR-R	5.120.2001.1011
MCG-M20 x 1.5	10-14	24	6	24	Ex-M2014BR-R	5.120.2031.1011
MCG-M25 x 1.5	13-18	25	7	30	Ex-M2518BR-R	5.120.2501.1011
MCG-M32 x 1.5	18-25	31	8	40	Ex-M3225BR-R	5.120.3201.1011
MCG-M40 x 1.5	22-32	37	8	50	Ex-M4032BR-R	5.120.4001.1011
MCG-M50 x 1.5	32-38	37	9	57	Ex-M5038BR-R	5.120.5001.1011
MCG-M63 x 1.5	37-44	38	10	64/68	Ex-M6344BR-R	5.120.6301.1011
MCG-M12 x 1.5	3-6.5	19	10	14	Ex-M1207BRL-R	5.120.1201.1111
MCG-M16 x 1.5	4-8	21	10	17/19	Ex-M1608BRL-R	5.120.1601.1111
MCG-M16 x 1.5	5-10	22	10	20	Ex-M1610BRL-R	5.120.1631.1111
MCG-M20 x 1.5	6-12	23	10	22	Ex-M2012BRL-R	5.120.2001.1111
MCG-M20 x 1.5	10-14	24	10	24	Ex-M2014BRL-R	5.120.2031.1111
MCG-M25 x 1.5	13-18	25	12	30	Ex-M2518BRL-R	5.120.2501.1111
MCG-M32 x 1.5	18-25	31	12	40	Ex-M3225BRL-R	5.120.3201.1111
MCG-M40 x 1.5	22-32	37	15	50	Ex-M4032BRL-R	5.120.4001.1111
MCG-M50 x 1.5	32-38	37	15	57	Ex-M5038BRL-R	5.120.5001.1111
MCG-M63 x 1.5	37-44	38	15	64/68	Ex-M6344BRL-R	5.120.6301.1111

专利产品 Patented product.



加强型PG/PG加长增安金属电缆固定头 PG/PG-Length Type Exe Metal Cable Glands-Reinforced Type

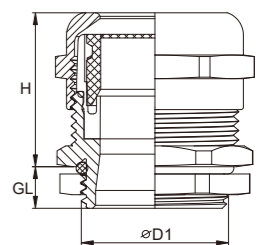


→ PG/PG-Length

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-Plated Brass
 固定连接组件 Fixture material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 防水圈 Seal: 硅橡胶 Silicone Rubber
 O型圈 O-Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20°C to 80°C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0027X
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
 CCC证书 CCC Certificate: 2021122313114695
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2577X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread øD1	øK mm	H mm	GL mm	W mm	Beisit No.	Article No.
MCG-PG 7	3-6.5	19	5	14	Ex-P0707BR-R	5.120.0701.1211
MCG-PG 9	4-8	21	6	17	Ex-P0908BR-R	5.120.0901.1211
MCG-PG 11	5-10	22	6	20	Ex-P1110BR-R	5.120.1101.1211
MCG-PG 13.5	6-12	23	6.5	22	Ex-P13512BR-R	5.120.1301.1211
MCG-PG 16	10-14	24	6.5	24	Ex-P1614BR-R	5.120.1601.1211
MCG-PG 21	13-18	25	7	30	Ex-P2118BR-R	5.120.2101.1211
MCG-PG 29	18-25	31	8	40	Ex-P2925BR-R	5.120.2901.1211
MCG-PG 36	22-32	37	8	50	Ex-P3632BR-R	5.120.3601.1211
MCG-PG 42	32-38	37	9	57	Ex-P4238BR-R	5.120.4201.1211
MCG-PG 48	37-44	38	10	64	Ex-P4844BR-R	5.120.4801.1211
MCG-PG 7	3-6.5	19	10	14	Ex-P0707BRL-R	5.120.0701.1311
MCG-PG 9	4-8	21	10	17	Ex-P0908BRL-R	5.120.0901.1311
MCG-PG 11	5-10	22	10	20	Ex-P1110BRL-R	5.120.1101.1311
MCG-PG 13.5	6-12	23	10	22	Ex-P13512BRL-R	5.120.1301.1311
MCG-PG 16	10-14	24	10	24	Ex-P1614BRL-R	5.120.1601.1311
MCG-PG 21	13-18	25	12	30	Ex-P2118BRL-R	5.120.2101.1311
MCG-PG 29	18-25	31	12	40	Ex-P2925BRL-R	5.120.2901.1311
MCG-PG 36	22-32	37	15	50	Ex-P3632BRL-R	5.120.3601.1311
MCG-PG 42	32-38	37	15	57	Ex-P4238BRL-R	5.120.4201.1311
MCG-PG 48	37-44	38	15	64	Ex-P4844BRL-R	5.120.4801.1311

专利产品 Patented product.



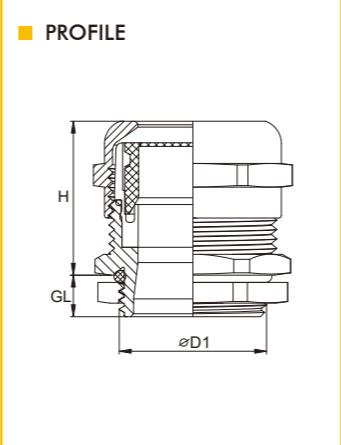
加强型NPT增安金属电缆固定头

NPT Type Exe Metal Cable Glands-Reinforced Type



→ NPT CNEX IECEx ATEX CE IP68 RoHS REACH

材料 Material: 黄铜镀镍 Nickel-Plated Brass
 固定连接组件 Fixture material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 防水圈 Seal: 硅橡胶 Silicone Rubber
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20°C to 80°C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0027X
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10979X
 CCC证书 CCC Certificate: 2021122313114695
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2577X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68



Thread $\varnothing D1$	$\varnothing k$ mm	H mm	GL mm	$\varnothing W$ mm	Beisit No.	Article No.
MCG-3/8"NPT	4-8	21	15	17/19	Ex-N3808BR-R	5.120.3801.4411
MCG-1/2"NPT	6-12	23	13	22	Ex-N12612BR-R	5.120.1201.4411
MCG-1/2"NPT/E	10-14	24	13	24	Ex-N1214BR-R	5.120.1201.1411
MCG-3/4"NPT	13-18	25	13	30	Ex-N3418BR-R	5.120.3401.1411
MCG-1"NPT	18-25	31	15	40	Ex-N10025BR-R	5.120.1001.1411
MCG-1 1/4"NPT	18-25	31	17	44	Ex-N11425BR-R	5.120.5401.1411
MCG-1 1/2"NPT	22-32	37	20	50	Ex-N11232BR-R	5.120.3201.1411

专利产品 Patented product.



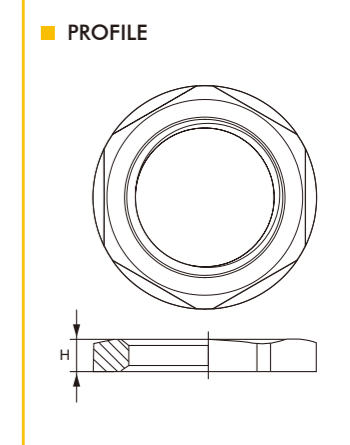
尼龙六角螺母

Nylon LockNuts



→ M/PG/NPT CE RoHS

材料 Material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 工作温度 Working temperature: -40°C to 100°C
 颜色种类 Color: 灰色、黑色、其他颜色可定做
 Grey(RAL7035), Black(RAL9005), other colors customized.
 材料种类 Material options: V0或F1可定做 V0, or F1 can be offered upon request.



Thread $\varnothing D1$	H mm	$\varnothing W$ mm	Beisit No. RAL7035	Article No. RAL7035	Beisit No. RAL9005	Article No. RAL9005
M12 x 1.5	5	17	M12-LN	2.270.1201.01	M12-LNB	2.270.1203.01
M16 x 1.5	5	22	M16-LN	2.270.1601.01	M16-LNB	2.270.1603.01
M20 x 1.5	5.7	27	M20-LN	2.270.2001.01	M20-LNB	2.270.2003.01
M24 x 1.5	6	30	M24-LN	2.270.2401.01	M24-LNB	2.270.2403.01
M25 x 1.5	6	32	M25-LN	2.270.2501.01	M25-LNB	2.270.2503.01
M32 x 1.5	7	41	M32-LN	2.270.3201.01	M32-LNB	2.270.3203.01
M40 x 1.5	7	50	M40-LN	2.270.4001.01	M40-LNB	2.270.4003.01
M50 x 1.5	8.5	60	M50-LN	2.270.5001.01	M50-LNB	2.270.5003.01
M63 x 1.5	8	75	M63-LN	2.270.6301.01	M63-LNB	2.270.6303.01
M75 x 2	10	86	M75-LN	2.270.7501.01	M75-LNB	2.270.7503.01
PG 7	5	19	P07-LN	2.270.0701.03	P07-LNB	2.270.0703.03
PG 9	5	22	P09-LN	2.270.0901.03	P09-LNB	2.270.0903.03
PG 11	5	24	P11-LN	2.270.1101.03	P11-LNB	2.270.1103.03
PG 13.5	5.7	27	P13-LN	2.270.1301.03	P13-LNB	2.270.1303.03
PG 16	5.7	30	P16-LN	2.270.1601.03	P16-LNB	2.270.1603.03
PG 19	6	30	P19-LN	2.270.2401.01	P19-LNB	2.270.2403.01
PG 21	6	36	P21-LN	2.270.2101.03	P21-LNB	2.270.2103.03
PG 29	7	46	P29-LN	2.270.2901.03	P29-LNB	2.270.2903.03
PG 36	7.6	60	P36-LN	2.270.3601.03	P36-LNB	2.270.3603.03
PG 42	8	65	P42-LN	2.270.4201.03	P42-LNB	2.270.4203.03
PG 48	7.8	70	P48-LN	2.270.4801.03	P48-LNB	2.270.4803.03
1/4"NPT	5.5	19	N14-LN	2.270.1401.06	N14-LNB	2.270.1403.06
3/8"NPT	6.8	24	N38-LN	2.270.3801.06	N38-LNB	2.270.3803.06
1/2"NPT	6	27	N12-LN	2.270.1201.06	N12-LNB	2.270.1203.06
3/4"NPT	6.5	32	N34-LN	2.270.3401.06	N34-LNB	2.270.3403.06
1"NPT	7	41	N100-LN	2.270.1001.06	N100-LNB	2.270.1003.06
1 1/4"NPT	7	50	N114-LN	2.270.5401.06	N114-LNB	2.270.5403.06
1 1/2"NPT	7.6	60	N112-LN	2.270.3201.06	N112-LNB	2.270.3203.06
2"NPT	9	70	N200-LN	2.270.2001.06	N200-LNB	2.270.2003.06



Technical Appendix

Exd

Exe

Accessories

Technical Appendix

Exd

Exe

Accessories

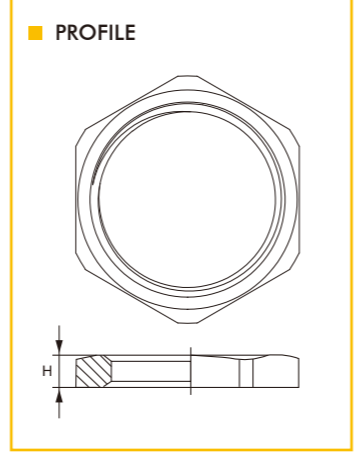
金属六角螺母
Metal LockNuts



→ M/PG/G(PF)



材料 Material: 黄铜镀镍 Nickel-plated brass
工作温度 Working temperature: -60°C to 200°C



Thread	H mm	mm	Beisit No.	Article No.
M12 x 1.5	2.6	15	M 12BR-LN	2.170.1201.01
M16 x 1.5	2.8	19	M 16BR-LN	2.170.1601.01
M20 x 1.5	3.0	23	M 20BR-LN	2.170.2001.01
M25 x 1.5	3.5	29	M 25BR-LN	2.170.2501.01
M32 x 1.5	4	36	M 32BR-LN	2.170.3201.01
M40 x 1.5	4a	45	M 40BR-LN	2.170.4001.01
M50 x 1.5	5.5	55	M 50BR-LN	2.170.5001.01
M63 x 1.5	6	70	M 63BR-LN	2.170.6301.01
PG 7	2.7	15	P07BR-LN	2.170.0701.03
PG 9	3	18	P09BR-LN	2.170.0901.03
PG 11	3	21	P11BR-LN	2.170.1101.03
PG 13.5	3	23	P13BR-LN	2.170.1301.03
PG 16	3	26	P16BR-LN	2.170.1601.03
PG 21	3.5	32	P21BR-LN	2.170.2101.03
PG 29	4	41	P29BR-LN	2.170.2901.03
PG 36	5	51	P36BR-LN	2.170.3601.03
PG 42	5	60	P42BR-LN	2.170.4201.03
PG 48	5.5	64	P48BR-LN	2.170.4801.03
G(PF)1/4"	4	17	G14BR-LN	2.170.1401.05
G(PF)3/8"	4.5	19	G38BR-LN	2.170.3801.05
G(PF)1/2"	5	24	G12BR-LN	2.170.1201.05
G(PF)3/4"	5	30	G34BR-LN	2.170.3401.05
G(PF)1"	6	40	G100BR-LN	2.170.1001.05
G(PF)1 1/4"	6	50	G114BR-LN	2.170.5401.05
G(PF)1 1/2"	6	57	G112BR-LN	2.170.3201.05
G(PF)2"	6	64	G200BR-LN	2.170.2001.05

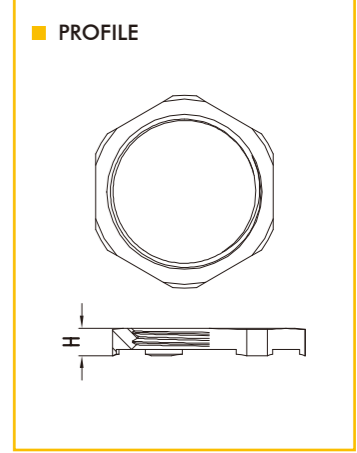
带齿金属六角螺母
Serrated Metal Lock Nut



→ M/PG



材料 Material: 黄铜镀镍 Nickel-plated brass
工作温度 Working temperature: -60°C to 200°C
可选材料 Material options: 黄铜、不锈钢 Brass, stainless steel



Thread	H mm	mm	Beisit No.	Article No.
M12 x 1.5	3.1	15	M12BR-LN	0.000.0000.00
M16 x 1.5	3.4	19	M16BR-LN	0.000.0000.00
M20 x 1.5	3.7	23	M20BR-LN	0.000.0000.00
M25 x 1.5	4.5	29	M25BR-LN	0.000.0000.00
M32 x 1.5	5.0	36	M32BR-LN	0.000.0000.00
M40 x 1.5	5.5	45	M40BR-LN	0.000.0000.00
M50 x 1.5	6.5	55	M50BR-LN	0.000.0000.00
M63 x 1.5	7.0	70	M63BR-LN	0.000.0000.00
M75 x 1.5	10.0	90	M75BR-LN	0.000.0000.00
M80 x 2.0	14.0	96	M80BR-LN	0.000.0000.00
M90 x 2.0	14.0	108	M90BR-LN	0.000.0000.00
M100 x 2.0	14.0	123	M100BR-LN	0.000.0000.00
PG7	2.6	15	P07BR-LN	0.000.0000.00
PG9	3.7	18	P09BR-LN	0.000.0000.00
PG11	3.7	21	P11BR-LN	0.000.0000.00
PG13.5	3.7	23	P13BR-LN	0.000.0000.00
PG16	3.7	26	P16BR-LN	0.000.0000.00
PG21	4.5	32	P21BR-LN	0.000.0000.00
PG29	5.0	41	P29BR-LN	0.000.0000.00
PG36	6.0	51	P36BR-LN	0.000.0000.00
PG42	6.0	60	P42BR-LN	0.000.0000.00
PG48	6.5	64	P48BR-LN	0.000.0000.00

备注: 实物尺寸会根据实际情况稍作调整 Remarks: The actual size will be slightly adjusted according to the actual situation.



Technical Appendix

Exd

Exe

Technical Appendix

Exd

Exe

Accessories

Accessories

PTFE垫片

PTFE Gasket

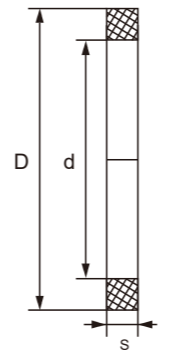


→ M/NPT



材料 Material: 高稳定性尼龙材料 High stability nylon material
 工作温度 Working temperature: -180°C to 260°C
 颜色种类 Color: 白色 White

PROFILE



Thread øD1	d mm	D mm	s mm	Beisit No.	Article No.
M16 x 1.5	15.4	23.0	2.0	M16PT-W	01.0605.016015.023
M20 x 1.5	19.4	24.0	2.0	M20SPT-W	01.0605.020019.024
M20 x 1.5	19.4	26.5	2.0	M20BPT-W	01.0605.020019.027
M25 x 1.5	24.4	35.0	2.0	M25PT-W	01.0605.025024.035
M32 x 1.5	31.4	42.0	2.0	M32PT-W	01.0605.032031.042
M40 x 1.5	39.4	49.0	2.0	M40PT-W	01.0605.040039.049
M50 x 1.5	49.4	54.0	2.0	M50SPT-W	01.0605.050049.054
M50 x 1.5	49.4	59.0	2.0	M50BPT-W	01.0605.050049.059
M63 x 1.5	62.4	74.0	2.0	M63PT-W	01.0605.063062.074
M75 x 1.5	74.4	89.0	2.0	M75PT-W	01.0605.075074.089
M80 x 2.0	79.4	95.0	2.0	M80PT-W	01.0605.080079.095
M90 x 2.0	89.4	107.0	2.0	M90PT-W	01.0605.090089.107
M100 x 2.0	99.4	122.0	2.0	M100PT-W	01.0605.100099.122
1/2"NPT	20.7	24.0	2.0	N12SPT-W	01.0605.012020.024
1/2"NPT	20.7	27.0	2.0	N12BPT-W	01.0605.012020.027
3/4"NPT	26.1	27.0	2.0	N34SPT-W	01.0605.034026.027
3/4"NPT	26.1	36.0	2.0	N34BPT-W	01.0605.034026.036
1"NPT	32.8	36.0	2.0	N100SPT-W	01.0605.010033.036
1"NPT	32.8	43.0	2.0	N100BPT-W	01.0605.010033.043
1 1/4"NPT	41.6	43.0	2.0	N114SPT-W	01.0605.054042.043
1 1/4"NPT	41.6	50.0	2.0	N114BPT-W	01.0605.054042.050
1 1/2"NPT	47.7	50.0	2.0	N112PT-W	01.0605.032048.050
2"NPT	59.7	70.0	2.0	N200PT-W	01.0605.020060.070
2 1/2"NPT	72.4	80.0	2.0	N212PT-W	01.0605.052072.080
3"NPT	88.3	96.0	2.0	N300PT-W	01.0605.030088.096
3 1/2"NPT	101.0	108.0	2.0	N312SPT-W	01.0605.072101.108
3 1/2"NPT	101.0	123.0	2.0	N312BPT-W	01.0605.072101.123
4"NPT	113.1	123.0	2.0	N400PT-W	01.0605.040113.123

备注: 实物尺寸会根据实际情况稍作调整 Remarks: The actual size will be slightly adjusted according to the actual situation.



硅胶垫片

Silicone Rubber Gasket

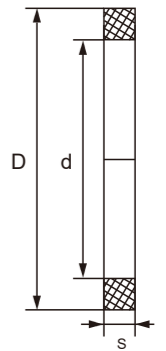


→ M/PG/NPT



材料 Material: 硅橡胶 Silicone rubber
 工作温度 Working temperature: -60°C to 130°C
 颜色种类 Color: 白色 White

PROFILE



Thread øD1	d mm	D mm	s mm	Beisit No.	Article No.
M12 x 1.5	10.2	15	1.8	M12SI-W	2.761.1210.15
M16 x 1.5	14	22	1.8	M16SI-W	2.761.1614.99
M20 x 1.5	18	24	1.8	M20SI-W	2.761.2018.99
M25 x 1.5	23	33	1.8	M25SI-W	2.761.2523.99
M32 x 1.5	30	42	1.8	M32SI-W	2.761.3230.99
M40 x 1.5	38	53	1.8	M40SI-W	2.761.4038.99
M50 x 1.5	48	60	1.8	M50SI-W	2.761.5048.99
M63 x 1.5	61	68	1.8	M63SI-W	2.761.6361.99
M75 x 1.5	71.8	82	2.5	M75SI-W	2.761.7572.99
PG7	11.1	15	1.8	P07SI-W	2.761.0711.99
PG9	14	22	1.8	P09SI-W	2.761.0914.99
PG11	16.8	22	1.8	P11SI-W	2.761.1117.99
PG13.5	19	24	1.7	P13SI-W	2.761.1319.99
PG16	21	27	1.8	P16SI-W	2.761.1621.27
PG21	26.6	33	1.8	P21SI-W	2.761.2127.33
PG29	35.3	42	1.8	P29SI-W	2.761.2935.99
PG36	44.8	53	1.8	P36SI-W	2.761.3645.99
PG42	51.8	60	1.8	P42SI-W	2.761.4252.99
PG48	57	65	1.8	P48SI-W	2.761.4857.99
3/8"NPT	14	22	1.8	N38SI-W	2.761.3814.99
1/2"NPT	18	24	1.8	N12SI-W	2.761.1218.99
3/4"NPT	23	33	1.8	N34SI-W	2.761.3423.99
1"NPT	30	42	1.8	N100SI-W	2.761.1030.99
1 1/4"NPT	38	53	1.8	N114SI-W	2.761.5438.99
1 1/2"NPT	44.8	53	1.8	N112SI-W	2.761.3245.99

备注: 实物尺寸会根据实际情况稍作调整 Remarks: The actual size will be slightly adjusted according to the actual situation.



无石棉垫片 Non-asbestos Fiber Gasket

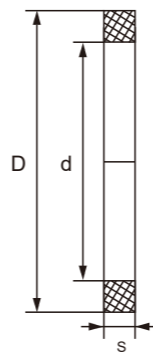


→ M/NPT



材料 Material: 无石棉纤维材料 Non-asbestos fiber material
工作温度 Working temperature: -65°C to 280°C

PROFILE



Thread ØD1	d mm	D mm	s mm	Beisit No.	Article No.
M16 x 1.5	15.4	23.0	2.0	M16F-W	01.0805.016015.023
M20 x 1.5	19.4	24.0	2.0	M20SF-W	01.0805.020019.024
M20 x 1.5	19.4	26.5	2.0	M20BF-W	01.0805.020019.027
M25 x 1.5	24.4	35.0	2.0	M25F-W	01.0805.025024.035
M32 x 1.5	31.4	42.0	2.0	M32F-W	01.0805.032031.042
M40 x 1.5	39.4	49.0	2.0	M40F-W	01.0805.040039.049
M50 x 1.5	49.4	54.0	2.0	M50SF-W	01.0805.050049.054
M50 x 1.5	49.4	59.0	2.0	M50BF-W	01.0805.050049.059
M63 x 1.5	62.4	74.0	2.0	M63F-W	01.0805.063062.074
M75 x 1.5	74.4	89.0	2.0	M75F-W	01.0805.075074.089
M80 x 2.0	79.4	95.0	2.0	M80F-W	01.0805.080079.095
M90 x 2.0	89.4	107.0	2.0	M90F-W	01.0805.090089.107
M100 x 2.0	99.4	122.0	2.0	M100F-W	01.0805.100099.122
1/2"NPT	20.7	24.0	2.0	N12SF-W	01.0805.012020.024
1/2"NPT	20.7	27.0	2.0	N12BF-W	01.0805.012020.027
3/4"NPT	26.1	27.0	2.0	N34SF-W	01.0805.034026.027
3/4"NPT	26.1	36.0	2.0	N34BF-W	01.0805.034026.036
1"NPT	32.8	36.0	2.0	N100SF-W	01.0805.010033.036
1"NPT	32.8	43.0	2.0	N100BF-W	01.0805.010033.043
1 1/4"NPT	41.6	43.0	2.0	N114SF-W	01.0805.054042.043
1 1/4"NPT	41.6	50.0	2.0	N114BF-W	01.0805.054042.050
1 1/2"NPT	47.7	50.0	2.0	N112F-W	01.0805.032048.050
2"NPT	59.7	70.0	2.0	N200F-W	01.0805.020060.070
2 1/2"NPT	72.4	80.0	2.0	N212F-W	01.0805.052072.080
3"NPT	88.3	96.0	2.0	N300F-W	01.0805.030088.096
3 1/2"NPT	101.0	108.0	2.0	N312SF-W	01.0805.072101.108
3 1/2"NPT	101.0	123.0	2.0	N312BF-W	01.0805.072101.123
4"NPT	113.1	123.0	2.0	N400F-W	01.0805.040113.123

备注: 实物尺寸会根据实际情况稍作调整 Remarks: The actual size will be slightly adjusted according to the actual situation.



防震垫片 Anti-vibration Gasket

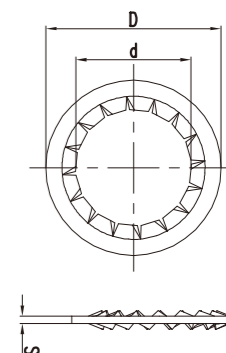


→ M/NPT



材料 Material: 不锈钢 Stainless steel
工作温度 Working temperature: -70°C to 200°C

PROFILE



Thread ØD1	d mm	D mm	s mm	Beisit No.	Article No. ERP no. 304	Article No. ERP no. 316
M16 x 1.5	16.0	24.0	1.2	M16SS-SW	01.0328.016016.024	01.0428.016016.024
M20 x 1.5	20.0	30.0	1.5	M20SS-SW	01.0328.020020.030	01.0428.020020.030
M25 x 1.5	25.0	36.0	1.5	M25SS-SW	01.0328.025025.036	01.0428.025025.036
M32 x 1.5	32.0	43.0	1.5	M32SS-SW	01.0328.032032.043	01.0428.032032.043
M40 x 1.5	40.0	50.0	1.5	M40SS-SW	01.0328.040040.050	01.0428.040040.050
M50 x 1.5	50.0	60.0	1.5	M50SS-SW	01.0328.050050.060	01.0428.050050.060
M63 x 1.5	63.0	75.0	1.5	M63SS-SW	01.0328.063063.075	01.0428.063063.075
M75 x 1.5	75.0	90.0	1.5	M75SS-SW	01.0328.075075.090	01.0428.075075.090
M80 x 2.0	80.0	96.0	1.5	M80SS-SW	01.0328.080080.096	01.0428.080080.096
M90 x 2.0	90.0	108.0	1.5	M90SS-SW	01.0328.090090.108	01.0428.090090.108
M100 x 2.0	100.0	123.0	1.5	M100SS-SW	01.0328.100100.123	01.0428.100100.123
1/2"NPT	22.0	30.0	1.5	N12SS-SW	01.0328.012022.030	01.0428.012022.030
3/4"NPT	27.0	36.0	1.5	N34SS-SW	01.0328.034027.036	01.0428.034027.036
1"NPT	33.0	43.0	1.5	N100SS-SW	01.0328.010033.043	01.0428.010033.043
1 1/4"NPT	43.0	55.0	1.5	N114SS-SW	01.0328.054043.055	01.0428.054043.055
1 1/2"NPT	49.0	60.0	1.5	N112SS-SW	01.0328.032049.060	01.0428.032049.060
2"NPT	61.0	75.0	1.5	N200SS-SW	01.0328.020061.075	01.0428.020061.075
2 1/2"NPT	74.0	90.0	1.5	N212SS-SW	01.0328.052074.090	01.0428.052074.090
3"NPT	89.0	100.0	1.5	N300SS-SW	01.0328.030089.100	01.0428.030089.100
3 1/2"NPT	102.0	123.0	1.5	N312SS-SW	01.0328.072102.123	01.0428.072102.123
4"NPT	114.0	130.0	1.5	N400SS-SW	01.0328.040114.130	01.0428.040114.130

备注: 实物尺寸会根据实际情况稍作调整 Remarks: The actual size will be slightly adjusted according to the actual situation.

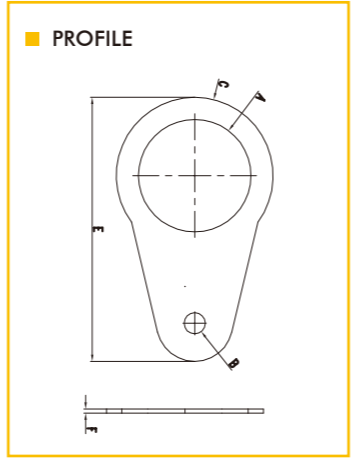


接地片
Earth tags



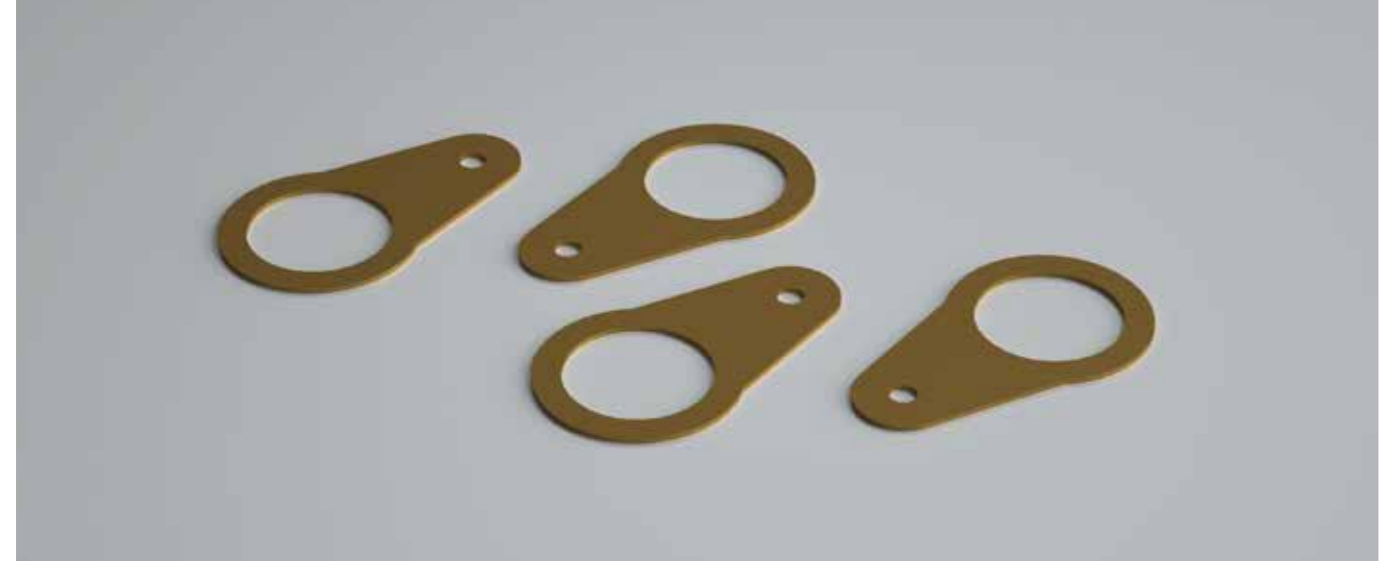
→ M/NPT CE RoHS REACH

材料 Material: 黄铜 Brass
 工作温度 Working temperature: -70°C to 150°C
 可选材料 Material Options: 黄铜、不锈钢 Brass, stainless steel



Thread øD1	Inner hole A	Thread hole B	Outer diameter C	Length E	Thickness F	Beisit No.	Article No. ERP no. HPb59-1	Article No. ERP no. 304
M16 x 1.5	16.0	6.5	25.0	50.3	1.0	M16BR-ET	01.0129.016025.053	01.0329.016025.053
M20 x 1.5	20.0	6.5	27.0	52.3	1.0	M20BR-ET	01.0129.020027.052	01.0329.020027.052
M25 x 1.5	25.0	6.5	35.0	59.2	1.0	M25BR-ET	01.0129.025035.059	01.0329.025035.059
M32 x 1.5	32.0	12.5	45.0	77.0	1.2	M32BR-ET	01.0129.032045.077	01.0329.032045.077
M40 x 1.5	40.0	12.5	54.0	88.6	1.2	M40BR-ET	01.0129.040054.089	01.0329.040054.089
M50 x 1.5	50.0	12.5	65.0	111.3	1.2	M50BR-ET	01.0129.050065.111	01.0329.050065.111
M63 x 1.5	63.0	12.5	83.0	128.8	1.2	M63BR-ET	01.0129.063083.129	01.0329.063083.129
M75 x 1.5	75.0	12.5	96.0	141.5	1.2	M75BR-ET	01.0129.075096.142	01.0329.075096.142
M80 x 2.0	80.0	12.5	102.0	150.0	1.2	M80BR-ET	01.0129.080102.150	01.0329.080102.150
M90 x 2.0	90.0	12.5	114.0	161.0	1.2	M90BR-ET	01.0129.090114.161	01.0329.090114.161
M100 x 2.0	100.0	12.5	125.0	194.8	1.2	M100BR-ET	01.0129.100125.195	01.0329.100125.195
1/2"NPT	22.0	6.5	27.0	52.8	1.0	N12BR-ET	01.0129.022027.053	01.0329.022027.053
3/4"NPT	27.0	6.5	35.0	59.2	1.0	N34BR-ET	01.0129.027035.059	01.0329.027035.059
1"NPT	33.0	6.5	45.0	77.0	1.0	N100BR-ET	01.0129.033045.077	01.0329.033045.077
1 1/4"NPT	43.0	12.5	54.0	88.6	1.2	N114BR-ET	01.0129.043054.089	01.0329.043054.089
1 1/2"NPT	49.0	12.5	65.0	111.3	1.2	N112BR-ET	01.0129.049065.111	01.0329.049065.111
2"NPT	61.0	12.5	83.0	128.8	1.2	N200BR-ET	01.0129.061083.129	01.0329.061083.129
2 1/2"NPT	74.0	12.5	96.0	141.5	1.2	N212BR-ET	01.0129.074096.142	01.0329.074096.142
3"NPT	89.0	12.5	114.0	161.0	1.2	N300BR-ET	01.0129.089114.161	01.0329.089114.161
3 1/2"NPT	102.0	12.5	125.0	194.8	1.2	N312BR-ET	01.0129.102125.195	01.0329.102125.195
4"NPT	114.0	12.5	140.0	207.0	1.2	N400BR-ET	01.0129.114140.207	01.0329.114140.207

备注: 实物尺寸会根据实际情况稍作调整 Remarks: The actual size will be slightly adjusted according to the actual situation.

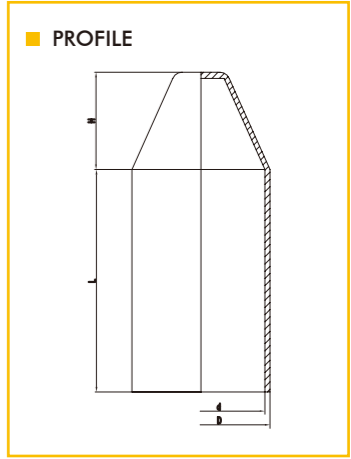


护套
Sheath



CE RoHS REACH

材料 Material: PVC
 工作温度 Working temperature: -60°C to 90°C
 可选材料 Material Options: EPDM, Flame retardant EPDM



Thread øD1	Inner hole d	Outer diameter D	Straight height L	Conical height H	Beisit No.	Article No.
φ29.5	29.5	33.5	69	38	φ29.5PVC-PB	01.0930.030034.069
φ32.5	32.5	36.5	68	45	φ32.5PVC-PB	01.0930.033037.068
φ41.5	41.5	45.5	84	45	φ41.5PVC-PB	01.0930.042046.084
φ50.0	50	54	87	38	φ50.0PVC-PB	01.0930.050054.087
φ59.5	59.5	63.5	90	38	φ59.5PVC-PB	01.0930.060064.090
φ69.5	69.5	73.5	100	42	φ69.5PVC-PB	01.0930.070074.100
φ87.5	87.5	91.5	103	42	φ87.5PVC-PB	01.0930.088092.103
φ103.5	103.5	107.5	105	42	φ103.5PVC-PB	01.0930.104108.105
φ113.5	113.5	117.5	123	50	φ113.5PVC-PB	01.0930.114118.123
φ123.5	123.5	127.5	124	59	φ123.5PVC-PB	01.0930.124128.124
φ139.2	139.2	143.2	140	60	φ139.2PVC-PB	01.0930.139143.140

备注: 实物尺寸会根据实际情况稍作调整 Remarks: The actual size will be slightly adjusted according to the actual situation.



Technical Appendix

Exd

Exe

Technical Appendix

Exd

Exe

Accessories

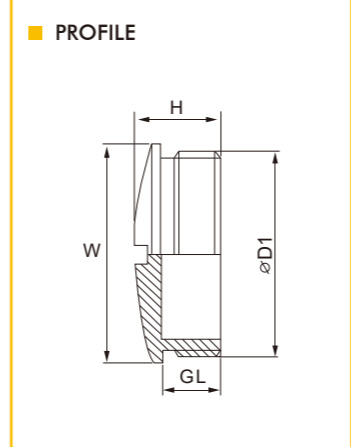
Accessories

防爆圆形堵塞件 Ex Nylon Screw Plugs



→ M/PG CNEX IECEx ATEX IP68 RoHS REACH

材料 Material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -20 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68



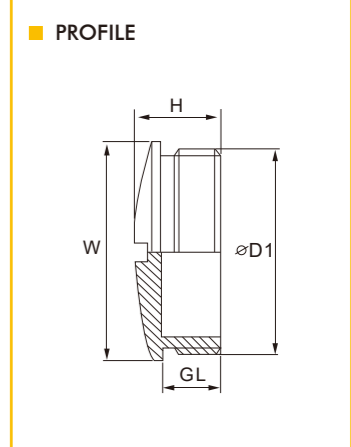
Thread øD1	GL mm	H mm	W mm	Beisit No. RAL7035	Article No. RAL7035	Beisit No. RAL9005	Article No. RAL9005
NSP-M12 x 1.5	8.5	12.5	15	Ex-SPM1209	5.284.1201.4031	Ex-SPM1209B	5.284.1203.4031
NSP-M16 x 1.5	8.5	13	19	Ex-SPM1609	5.284.1601.4031	Ex-SPM1609B	5.284.1603.4031
NSP-M20 x 1.5	9	13	25	Ex-SPM2009	5.284.2001.4031	Ex-SPM2009B	5.284.2003.4031
NSP-M25 x 1.5	10.5	15.5	30	Ex-SPM2511	5.284.2501.4031	Ex-SPM2511B	5.284.2503.4031
NSP-M32 x 1.5	10.5	16	38	Ex-SPM3211	5.284.3201.4031	Ex-SPM3211B	5.284.3203.4031
NSP-M40 x 1.5	11.5	16	46	Ex-SPM4012	5.284.4001.4031	Ex-SPM4012B	5.284.4003.4031
NSP-M50 x 1.5	13.5	18	56	Ex-SPM5014	5.284.5001.4031	Ex-SPM5014B	5.284.5003.4031
NSP-M63 x 1.5	14	19	68	Ex-SPM6314	5.284.6301.4031	Ex-SPM6314B	5.284.6303.4031
NSP-PG 7	8.5	12.5	15	Ex-SPP0709	5.284.0701.4231	Ex-SPP0709B	5.284.0703.4231
NSP-PG 9	8.5	13	19	Ex-SPP0909	5.284.0901.4231	Ex-SPP0909B	5.284.0903.4231
NSP-PG 11	9	13	22	Ex-SPP1109	5.284.1101.4231	Ex-SPP1109B	5.284.1103.4231
NSP-PG 13.5	9	13	25	Ex-SPP1309	5.284.1301.4231	Ex-SPP1309B	5.284.1303.4231
NSP-PG 16	10.5	15	27	Ex-SPP1611	5.284.1601.4231	Ex-SPP1611B	5.284.1603.4231
NSP-PG 21	10.5	15.5	33	Ex-SPP2111	5.284.2101.4231	Ex-SPP2111B	5.284.2103.4231
NSP-PG 29	11.5	16	44	Ex-SPP2912	5.284.2901.4231	Ex-SPP2912B	5.284.2903.4231
NSP-PG 36	13.5	18	55	Ex-SPP3614	5.284.3601.4231	Ex-SPP3614B	5.284.3603.4231
NSP-PG 42	13.5	18.5	62	Ex-SPP4214	5.284.4201.4231	Ex-SPP4214B	5.284.4203.4231
NSP-PG 48	14.5	19.5	68	Ex-SPP4815	5.284.4801.4231	Ex-SPP4815B	5.284.4803.4231

防爆金属圆形堵塞件 Ex Round Metal Screw Plugs



→ M/PG CNEX IECEx ATEX IP68 RoHS REACH

材料 Material: 镀镍黄铜 Nickel-Plated Brass
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -30 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68



Thread øD1	GL mm	H mm	W mm	Beisit No.	Article No.
MSP-M12 x 1.5	5	8	14	Ex-SPM1205BR	5.184.1201.4031
MSP-M16 x 1.5	6	9	18	Ex-SPM1606BR	5.184.1601.4031
MSP-M20 x 1.5	7	10	23	Ex-SPM2007BR	5.184.2001.4031
MSP-M25 x 1.5	7	10	28	Ex-SPM2507BR	5.184.2501.4031
MSP-M32 x 1.5	8	12	35	Ex-SPM3208BR	5.184.3201.4031
MSP-M40 x 1.5	9	15	44	Ex-SPM4009BR	5.184.4001.4031
MSP-M50 x 1.5	9	16	54	Ex-SPM5009BR	5.184.5001.4031
MSP-M63 x 1.5	10	16	67	Ex-SPM6310BR	5.184.6301.4031
MSP-PG 7	5	8	14	Ex-SPP0705BR	5.184.0701.4231
MSP-PG 9	6	9	17	Ex-SPP0906BR	5.184.0901.4231
MSP-PG 11	6	9	21	Ex-SPP1106BR	5.184.1101.4231
MSP-PG 13.5	7	10	23	Ex-SPP1307BR	5.184.1301.4231
MSP-PG 16	6.5	10	25	Ex-SPP1607BR	5.184.1601.4231
MSP-PG 21	7	11	30	Ex-SPP2107BR	5.184.2101.4231
MSP-PG 29	8	12	39	Ex-SPP2908BR	5.184.2901.4231
MSP-PG 36	9	15	50	Ex-SPP3609BR	5.184.3601.4231
MSP-PG 42	10	16	57	Ex-SPP4210BR	5.184.4201.4231
MSP-PG 48	10	16	64	Ex-SPP4810BR	5.184.4801.4231



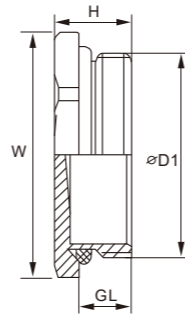
防爆金属六角形堵塞件 Ex Hexagon Metal Screw Plugs



→ M/PG CNEX IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 镀镍黄铜 Nickel-Plated Brass
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -30 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread ØD1	GL mm	H mm	mm	Beisit No.	Article No.
HSP-M12 x 1.5	5	8	14	Ex-HSPM1205BR	5.183.1201.4031-0
HSP-M16 x 1.5	6	9	18	Ex-HSPM1606BR	5.183.1601.4031-0
HSP-M18 x 1.5	6	9	20	Ex-HSPM1806BR	5.183.1801.4031-0
HSP-M20 x 1.5	7	10	22	Ex-HSPM2007BR	5.183.2001.4031-0
HSP-M22 x 1.5	7	10	25	Ex-HSPM2207BR	5.183.2201.4031-0
HSP-M25 x 1.5	7	10	29	Ex-HSPM2507BR	5.183.2501.4031-0
HSP-M27 x 1.5	8	11	30	Ex-HSPM2708BR	5.183.2701.4031-0
HSP-M32 x 1.5	8	11	36	Ex-HSPM3208BR	5.183.3201.4031-0
HSP-M40 x 1.5	9	12	45	Ex-HSPM4009BR	5.183.4001.4031-0
HSP-M50 x 1.5	9	15	55	Ex-HSPM5009BR	5.183.5001.4031-0
HSP-M63 x 1.5	10	16	70	Ex-HSPM6310BR	5.183.6301.4031-0
HSP-PG 7	5	8	14	Ex-HSPP0705BR	5.183.0701.4231-0
HSP-PG 9	6	9	17	Ex-HSPP0906BR	5.183.0901.4231-0
HSP-PG 11	6	9	20	Ex-HSPP1106BR	5.183.1101.4231-0
HSP-PG 13.5	7	10	22	Ex-HSPP1307BR	5.183.1301.4231-0
HSP-PG 16	7	10	24	Ex-HSPP1607BR	5.183.1601.4231-0
HSP-PG 21	7	11	30	Ex-HSPP2107BR	5.183.2101.4231-0
HSP-PG 29	8	12	40	Ex-HSPP2908BR	5.183.2901.4231-0
HSP-PG 36	9	15	50	Ex-HSPP3609BR	5.183.3601.4231-0
HSP-PG 42	10	16	60	Ex-HSPP4210BR	5.183.4201.4231-0
HSP-PG 48	10	16	64	Ex-HSPP4810BR	5.183.4801.4231-0

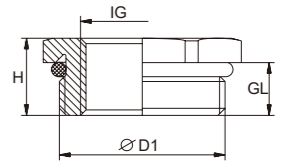
防爆金属缩径环 Ex Metal Reducer



→ M CNEX IECEX ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 镀镍黄铜 Nickel-Plated Brass
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -30 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread ØD1	IG mm	GL mm	H mm	mm	Beisit No.	Article No.
MTR-M16 x 1.5	M12 x 1.5	5	8	17	Ex-M1612BRR	5.182.1601.4031-0
MTR-M20 x 1.5	M12 x 1.5	6	9	22	Ex-M2012BRR	5.182.2001.4031-0
MTR-M20 x 1.5	M16 x 1.5	6	9	22	Ex-M2016BRR	5.182.2001.5031-0
MTR-M25 x 1.5	M16 x 1.5	7	10	27	Ex-M2516BRR	5.182.2501.4031-0
MTR-M25 x 1.5	M20 x 1.5	7	10	27	Ex-M2520BRR	5.182.2501.5031-0
MTR-M32 x 1.5	M16 x 1.5	8	11	34	Ex-M3216BRR	5.182.3201.4031-0
MTR-M32 x 1.5	M20 x 1.5	8	11	34	Ex-M3220BRR	5.182.3201.5031-0
MTR-M32 x 1.5	M25 x 1.5	8	11	34	Ex-M3225BRR	5.182.3201.6031-0
MTR-M40 x 1.5	M20 x 1.5	8	12	43	Ex-M4020BRR	5.182.4001.4031-0
MTR-M40 x 1.5	M25 x 1.5	8	12	43	Ex-M4025BRR	5.182.4001.5031-0
MTR-M40 x 1.5	M32 x 1.5	8	12	43	Ex-M4032BRR	5.182.4001.6031-0
MTR-M50 x 1.5	M25 x 1.5	9	13	55	Ex-M5025BRR	5.182.5001.4031-0
MTR-M50 x 1.5	M32 x 1.5	9	13	55	Ex-M5032BRR	5.182.5001.5031-0
MTR-M50 x 1.5	M40 x 1.5	9	13	55	Ex-M5040BRR	5.182.5001.6031-0
MTR-M63 x 1.5	M32 x 1.5	10	14	65	Ex-M6332BRR	5.182.6301.4031-0
MTR-M63 x 1.5	M40 x 1.5	10	14	65	Ex-M6340BRR	5.182.6301.5031-0
MTR-M63 x 1.5	M50 x 1.5	10	14	65	Ex-M6350BRR	5.182.6301.6031-0



防爆金属缩径环

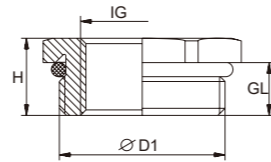
Ex Metal Reducer

→ PG

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 镀镍黄铜 Nickel-Plated Brass
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -30 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread ØD1	IG mm	GL mm	H mm	U mm	Beisit No.	Article No.
MTR-PG 9	PG 7	6	8.8	17	Ex-P0907BRR	5.182.0901.4231-0
MTR-PG 11	PG 7	6	9	20	Ex-P1107BRR	5.182.1101.4231-0
MTR-PG 11	PG 9	6	9	20	Ex-P1109BRR	5.182.1101.5231-0
MTR-PG 13.5	PG 9	6.5	9.5	22	Ex-P13509BRR	5.182.1301.4231-0
MTR-PG 13.5	PG 11	6.5	9.5	22	Ex-P13511BRR	5.182.1301.5231-0
MTR-PG 16	PG 9	6.5	9.5	24	Ex-P1609BRR	5.182.1601.4231-0
MTR-PG 16	PG 11	6.5	9.5	24	Ex-P1611BRR	5.182.1601.5231-0
MTR-PG 16	PG 13.5	6.5	9.5	24	Ex-P16135BRR	5.182.1601.6231-0
MTR-PG 21	PG 11	7	10.3	30	Ex-P2111BRR	5.182.2101.4231-0
MTR-PG 21	PG 13.5	7	10.3	30	Ex-P21135BRR	5.182.2101.5231-0
MTR-PG 21	PG 16	7	10.3	30	Ex-P2116BRR	5.182.2101.6231-0
MTR-PG 29	PG 16	7	11.5	40	Ex-P2916BRR	5.182.2901.4231-0
MTR-PG 29	PG 21	7	11.5	40	Ex-P2921BRR	5.182.2901.5231-0
MTR-PG 36	PG 21	8	12.5	50	Ex-P3621BRR	5.182.3601.4231-0
MTR-PG 36	PG 29	8	12.5	50	Ex-P3629BRR	5.182.3601.5231-0
MTR-PG 42	PG 29	10	13.5	57	Ex-P4229BRR	5.182.4201.4231-0
MTR-PG 42	PG 36	10	13.5	57	Ex-P4236BRR	5.182.4201.5231-0
MTR-PG 48	PG 36	10	13.5	64	Ex-P4836BRR	5.182.4801.4231-0
MTR-PG 48	PG 42	10	13.5	64	Ex-P4842BRR	5.182.4801.5231-0

防爆金属扩径环

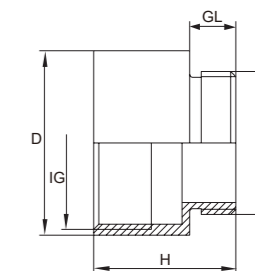
Ex Metal Enlarger

→ M/PG

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 镀镍黄铜 Nickel-Plated Brass
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -30 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread ØD1	IG mm	GL mm	H mm	U mm	Beisit No.	Article No.
MTE-M12 x 1.5	M16 x 1.5	5	15	18	Ex-M1216BRE	5.181.1201.4031-0
MTE-M16 x 1.5	M20 x 1.5	6	17.5	22	Ex-M1620BRE	5.181.1601.4031-0
MTE-M20 x 1.5	M25 x 1.5	6.5	19	27	Ex-M2025BRE	5.181.2001.4031-0
MTE-M25 x 1.5	M32 x 1.5	6.5	21	34	Ex-M2532BRE	5.181.2501.4031-0
MTE-M32 x 1.5	M40 x 1.5	7	23	42	Ex-M3240BRE	5.181.3201.4031-0
MTE-M40 x 1.5	M50 x 1.5	9	31	53	Ex-M4050BRE	5.181.4001.4031-0
MTE-M50 x 1.5	M63 x 1.5	9	31	66	Ex-M5063BRE	5.181.5001.4031-0
MTE-PG 7	PG 9	5	15	17	Ex-P0709BRE	5.181.0701.4231-0
MTE-PG 9	PG 11	6	16.5	20	Ex-P0911BRE	5.181.0901.4231-0
MTE-PG 9	PG 13.5	6	17.5	22	Ex-P09135BRE	5.181.0901.5231-0
MTE-PG 11	PG 13.5	6	17.5	22	Ex-P11135BRE	5.181.1101.4231-0
MTE-PG 11	PG 16	6	18.5	24	Ex-P1116BRE	5.181.1101.5231-0
MTE-PG 11	PG 21	6	20.5	30	Ex-P1121BRE	5.181.1101.6231-0
MTE-PG 13.5	PG 16	6.5	19	24	Ex-P13516BRE	5.181.1301.4231-0
MTE-PG 13.5	PG 21	6.5	21	30	Ex-P13521BRE	5.181.1301.5231-0
MTE-PG 16	PG 21	6.5	21	30	Ex-P1621BRE	5.181.1601.4231-0
MTE-PG 16	PG 29	6.5	22.5	39	Ex-P1629BRE	5.181.1601.5231-0
MTE-PG 21	PG 29	7	23	39	Ex-P2129BRE	5.181.2101.4231-0
MTE-PG 29	PG 36	8	27.5	50	Ex-P2936BRE	5.181.2901.4231-0
MTE-PG 36	PG 42	9	31	57	Ex-P3642BRE	5.181.3601.4231-0
MTE-PG 42	PG 48	10	33	64	Ex-P4248BRE	5.181.4201.4231-0



防爆金属变径环

Ex Metal Adapter

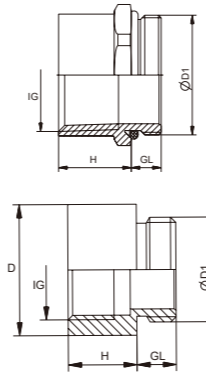


→ M-PG/M-NPT

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

材料 Material: 镀镍黄铜 Nickel-Plated Brass
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -30 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread ØD1	IG mm	GL mm	H mm	h mm	Beisit No.	Article No.
MTR-M16 x 1.5	PG 9	6	10.5	20	Ex-M16P09BRA	5.180.1601.4031-0
MTR-M20 x 1.5	PG 11	6.5	12.5	22	Ex-M20P11BRA	5.180.2001.4031-0
MTR-M20 x 1.5	PG 13.5	6.5	12.5	22	Ex-M20P135BRA	5.180.2001.5031-0
MTR-M20 x 1.5	PG 16	6.5	12.5	24	Ex-M20P16BRA	5.180.2001.6031-0
MTR-M25 x 1.5	PG 16	6.5	12.5	28	Ex-M25P16BRA	5.180.2501.4031-0
MTR-M25 x 1.5	PG 21	6.5	14.5	30	Ex-M25P21BRA	5.180.2501.5031-0
MTR-M32 x 1.5	PG 29	7	16	40	Ex-M32P29BRA	5.180.3201.4031-0
MTR-M16 x 1.5	1/2"NPT	6	17	24	Ex-M16N12BRA	5.180.1601.5031-0
MTR-M20 x 1.5	1/2"NPT	6	17	24	Ex-M20N12BRA	5.180.2001.7031-0
MTR-M25 x 1.5	1/2"NPT	7	18	30	Ex-M25N12BRA	5.180.2501.6031-0
MTR-M25 x 1.5	3/4"NPT	7	19	30	Ex-M25N34BRA	5.180.2501.7031-0
MTR-M32 x 1.5	1"NPT	8	25	40	Ex-M32N100BRA	5.180.3201.5031-0
MTR-M32 x 1.5	1 1/4"NPT	8	25	46	Ex-M32N114BRA	5.180.3201.6031-0

防爆金属变径环

Ex Metal Adapter

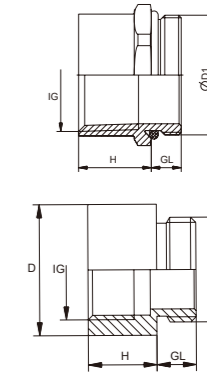


→ PG-M/PG-NPT

CNEX IECEx ATEX CCC Ex CE IP68 RoHS REACH

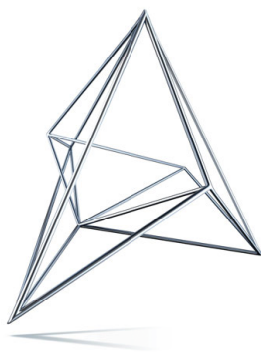
材料 Material: 镀镍黄铜 Nickel-Plated Brass
 O型圈 O Ring: 硅橡胶 Silicone Rubber
 工作温度 Working temperature: -30 C to 80 C
 IECEx证书 IECEx Certificate: IECEx CNEX 18.0026U
 ATEX证书 ATEX Certificate: Presafe 17 ATEX 10978X
 CCC证书 CCC Certificate: 2021122313114694
 防爆合格证 Conformity Certificate of Ex-proof: CNEx 17.2578X
 阻燃等级 Flammability rating: V2 (UL94)
 防爆等级 Marking: Ex eb II C Gb/ Ex tD A21 IP68

PROFILE



Thread ØD1	IG mm	GL mm	H mm	h mm	Beisit No.	Article No.
MTR-PG 9	M16X1.5	6	10.5	20	Ex-P09M16BRA	5.180.0901.4231-0
MTR-PG 11	M20X1.5	6.5	12.5	22	Ex-P11M20BRA	5.180.1101.4231-0
MTR-PG 13.5	M20X1.5	6.5	12.5	22	Ex-P135M20BRA	5.180.1301.4231-0
MTR-PG 16	M25X1.5	6.5	14.5	27	Ex-P16M25BRA	5.180.1601.4231-0
MTR-PG 11	1/2"NPT	6	16.7	24	Ex-P11N12BRA	5.180.1101.5231-0
MTR-PG 13.5	1/2"NPT	6.5	17	24	Ex-P135N12BRA	5.180.1301.5231-0
MTR-PG 16	1/2"NPT	6.5	16.5	24	Ex-P16N12BRA	5.180.1601.5231-0
MTR-PG 21	1/2"NPT	7	18	30	Ex-P21N12BRA	5.180.2101.4231-0
MTR-PG 21	1"NPT	7	18	30	Ex-P21N34BRA	5.180.2101.5231-0
MTR-PG 29	1 1/4"NPT	8	20	40	Ex-P29N100BRA	5.180.2901.4231-0





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