

BTL

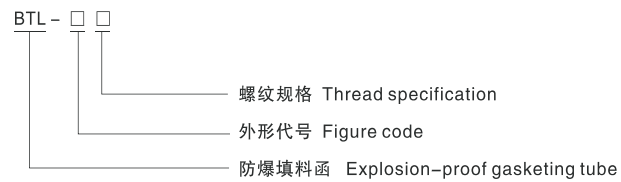
系列防爆填料函(ⅡC、DIP)



适用范围 Application

- 适用于1区、2区危险场所。
- 适用于ⅡA、ⅡB、ⅡC类爆炸性气体环境。
- Can be used in hazardous areas: Zone 1 and Zone 2.
- Can be used in explosive gas atmospheres of Category IIA、IIB and IIC.

型号含义 Model implication



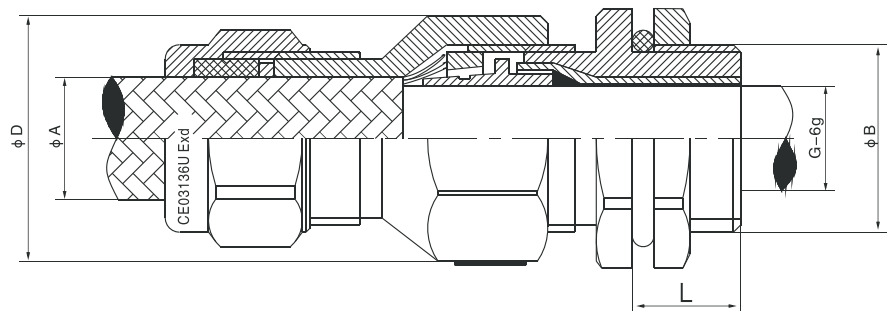
外形及安装举例 Outline and mounting example

I 型

采用黄铜或不锈钢制成，填料式密封，机械式夹紧；
适用于夹持和固定各种类型、规格的电缆。

Type I

It is made of brass or stainless steel, with padding type seal and mechanical type clamp;
It is applicable to clamping and fixing all types of and all specs of cables.



BTL

Type explosion-proof gasketing tube
(II C, DIP)

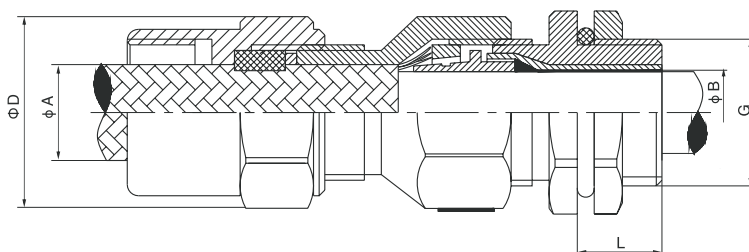
产品型号 Type	螺纹规格 (G [*]) Thread specification	外螺纹 长度 (L,mm) Outer thread length	密封电缆直径范围 Sealing cable diameter range		最大铠装 层厚度 Max armour thickness	最大直径 (D) (φ,mm) Max dia.	防爆 标志 Ex- mark	防护等级 Protection grade
			电缆外径A (φ,mm)Cable's outside diameter	电缆内径B (φ,mm)Cable's inside diameter				
BTL-IG15	1/2	16~18	8~12	7~10	1.25	27	Exd II C Gb /DIP A20	IP65
BTL-IG20	3/4	16~18	11~16	10~15	1.25	34		
BTL-IG25	1	18~20	16~25	15~22	1.6	41		
BTL-IG32	1 1/4	18~20	24~30	22~28	2.0	50		
BTL-IG40	1 1/2	20~22	30~38	27~32	2.0	55		
BTL-IG50	2	20~22	36~48	30~40	2.5	70		
BTL-IG70	2 1/2	22~24	46~64	38~58	2.5	85		
BTL-IG80	3	22~24	62~76	56~68	3.2	100		

II 型

采用黄铜或不锈钢制成, 填料式密封,
机械式夹紧;
适用于夹持和固定各种类型、规格的电
缆。

Type II

It is made of brass or stainless steel, with padding type seal
and mechanical type clamp;
It is applicable to clamping and fixing all types of and all specs
of cables.



产品型号 Type	螺纹规格 (G [*]) Thread specification	外螺纹 长度 (L,mm) Outer thread length	密封电缆直径范围 Sealing cable diameter range		最大铠装 层厚度 Max armour thickness	最大直径 (D) (φ,mm) Max dia.	防爆 标志 Ex- mark	防护等级 Protection grade
			电缆外径A (φ,mm)Cable's outside diameter	电缆内径B (φ,mm)Cable's inside diameter				
BTL-II G15	1/2	16~18	8~12	7~10	1.25	27	Exd II C Gb /DIP A20	IP65
BTL-II G20	3/4	16~18	11~16	10~15	1.25	34		
BTL-II G25	1	18~20	16~25	15~22	1.6	41		
BTL-II G32	1 1/4	18~20	24~30	22~28	2.0	50		
BTL-II G40	1 1/2	20~22	30~38	27~32	2.0	55		
BTL-II G50	2	20~22	36~48	30~40	2.5	70		
BTL-II G70	2 1/2	22~24	46~64	38~58	2.5	85		
BTL-II G80	3	22~24	62~76	56~68	3.2	100		

BTL

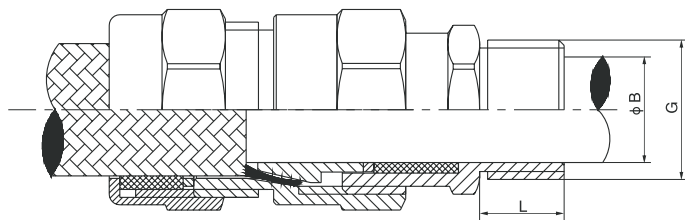
系列防爆填料函(ⅡC、DIP)

Ⅲ型

采用黄铜或不锈钢制成，双密封结构，机械式夹紧；
适用于夹持和固定各种类型、规格的电缆。

Type III

It is made of brass or stainless steel, Double sealing structure and mechanical type clamp;
It is applicable to clamping and fixing all types of and all specs of cables.



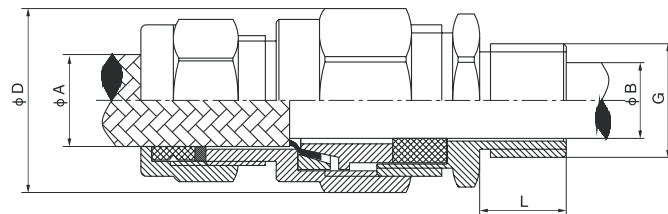
产品型号 Type	螺纹规格 (G) Thread specification	外螺纹 长度 (L,mm) Outer thread length	密封电缆直径范围 Sealing cable diameter range		最大铠装 层厚度 Max armour thickness	最大直径 (D) (φ,mm) Max dia.	防爆 标志 Ex- mark	防护等级 Protection grade
			电缆外径A (φ,mm)Cable's outside diameter	电缆内径B (φ,mm)Cable's inside diameter				
BTL-ⅢG15	1/2	16~18	9~14	6~10	1.25	30	Exd ⅡC Gb/DIP A20	IP65
BTL-ⅢG20	3/4	16~18	11~18	9~14	1.25	38		
BTL-ⅢG25	1	18~20	16~25	11~18	1.6	46		
BTL-ⅢG32	1 1/4	18~20	17~28	16~25	2.0	54		
BTL-ⅢG40	1 1/2	20~22	25~38	17~28	2.0	65		
BTL-ⅢG50	2	20~22	32~45	25~38	2.5	80		
BTL-ⅢG70	2 1/2	22~24	35~55	32~45	2.5	93		
BTL-ⅢG80	3	22~24	52~65	35~55	3.2	106		
BTL-ⅢG100	4	22~24	62~80	46~65	3.2	125		

Ⅳ型

采用黄铜或不锈钢制成，双密封结构，机械式夹紧；
适用于夹持和固定各种类型、规格的电缆。

Type IV

It is made of brass or stainless steel, with dual seal structure and mechanical type clamp;
It is applicable to clamping and fixing all types of unarmored cables.



BTL

Type explosion-proof gasketing tube
(II C, DIP)

产品型号 Type	螺纹规格 (G [*]) Thread specification	外螺纹 长度 (L,mm) Outer thread length	密封电缆直径范围 Sealing cable diameter range		最大铠装 层厚度 Max armour thickness	最大直径 (D) (φ,mm) Max dia.	防爆 标志 Ex- mark	防护等级 Protection grade
			电缆外径A (φ,mm)Cable's outside diameter	电缆内径B (φ,mm)Cable's inside diameter				
BTL-IVG15	1/2	16~18	8~12	7~10	1.25	30	Exd II C Gb/DIP A20	IP65
BTL-IVG20	3/4	16~18	11~16	10~15	1.25	35		
BTL-IVG25	1	18~20	16~25	15~22	1.6	45		
BTL-IVG32	1 1/4	18~20	24~30	22~8	2.0	54		
BTL-IVG40	1 1/2	20~22	30~38	27~32	2.0	60		
BTL-IVG50	2	20~22	36~48	30~40	2.5	75		
BTL-IVG70	2 1/2	22~24	46~64	38~58	2.5	90		
BTL-IVG80	3	22~24	62~76	56~68	3.2	106		
BTL-IVG100	4	22~24	62~76	56~68	3.2	125		

V型

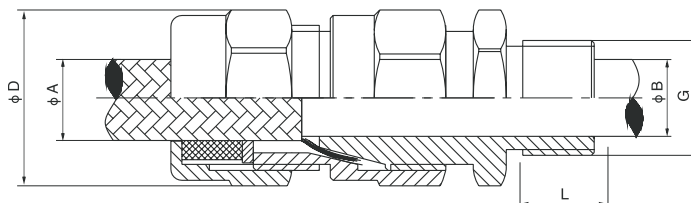
采用黄铜或不锈钢制成，单密封结构，机械式夹紧；适用于夹持和固定各种类型、规格的电

缆。

Type V

It is made of brass or stainless steel, with single seal structure and mechanical type clamp;

It is applicable to clamping and fixing all types of steel wire or steel band armored cables.



产品型号 Type	螺纹规格 (G [*]) Thread specification	外螺纹 长度 (L,mm) Outer thread length	密封电缆直径范围 Sealing cable diameter range		最大铠装 层厚度 Max armour thickness	最大直径 (D) (φ,mm) Max dia.	防爆 标志 Ex- mark	防护等级 Protection grade
			电缆外径A (φ,mm)Cable's outside diameter	电缆内径B (φ,mm)Cable's inside diameter				
BTL-VG15	1/2	16~18	8~15	7~12	1.25	30	Exd II C Gb/DIP A20	IP65
BTL-VG20	3/4	16~18	11~18	10~16	1.25	34		
BTL-VG25	1	18~20	16~25	15~22	1.6	40		
BTL-VG32	1 1/4	18~20	24~32	22~30	2.0	50		
BTL-VG40	1 1/2	20~22	30~38	27~35	2.0	55		
BTL-VG50	2	20~22	36~48	30~46	2.5	66		
BTL-VG70	2 1/2	22~24	46~65	38~62	2.5	84		
BTL-VG80	3	22~24	62~76	56~74	3.2	95		
BTL-VG100	4	22~24	80~98	75~98	3.2	120		

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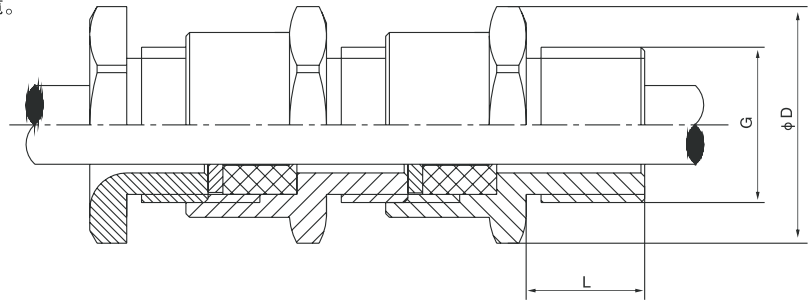
系列防爆填料函(II C、DIP)

VI型

采用黄铜或不锈钢制成，双密封结构，机械式夹紧；
适用于夹持和固定各种类型的非铠装电缆。

Type VI

It is made of brass or stainless steel, with dual seal structure and mechanical type clamp;
It is applicable to clamping and fixing all types of unarmored cables.



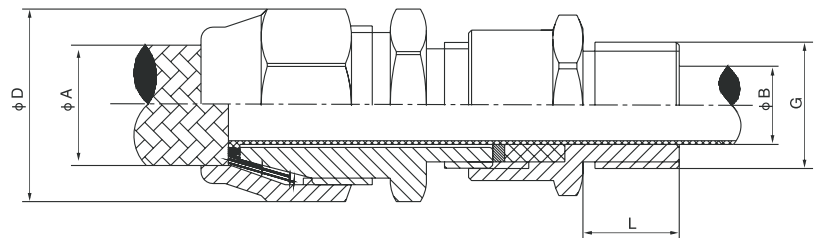
产品型号 Type	螺纹规格(G") Thread specification	外螺纹长度 (L,mm)Outer thread length	密封电缆直径范围 (φ,mm)Sealing cable diameter range	最大直径(D) (φ,mm) Max dia.	防爆标志 Ex-mark	防护等级 Protection grade
BTL-VIG15	1/2	16~18	6~10	30	Exd II C Gb/DIP A20	IP65
BTL-VIG20	3/4	16~18	9~14	36		
BTL-VIG25	1	18~20	11~18	42		
BTL-VIG32	1 1/4	18~20	14~25	50		
BTL-VIG40	1 1/2	20~22	17~28	55		
BTL-VIG50	2	20~22	25~38	70		
BTL-VIG70	2 1/2	20~22	32~45	85		
BTL-VIG80	3	20~22	35~55	102		
BTL-VIG100	4	20~22	46~66	125		

VI型

采用黄铜或不锈钢制成，单密封结构，机械式夹紧；
适用于夹持和固定各种类型钢丝或钢带类的铠装电缆。

Type VII

It is made of brass or stainless steel, with single seal structure and mechanical type clamp;
It is applicable to clamping and fixing all types of steel wire or steel band armored cables.



BTL

Type explosion-proof gasketing tube
(II C, DIP)

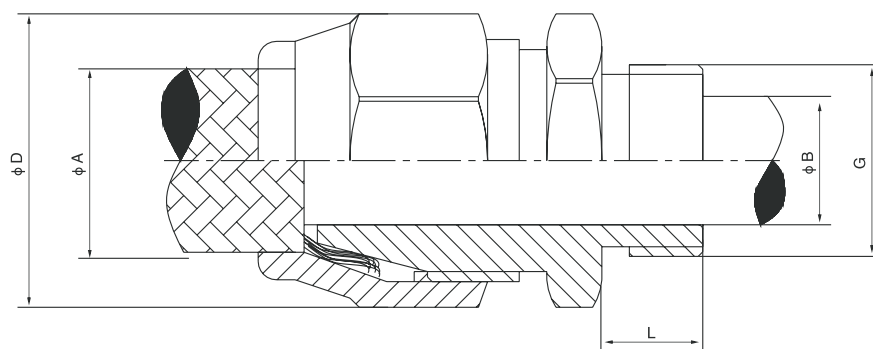
产品型号 Type	螺纹规格 (G*) Thread specification	外螺纹 长度 (L,mm) Outer thread length	密封电缆直径范围 Sealing cable diameter range		最大铠装 层厚度 Max armour thickness	最大直径 (D) (ϕ ,mm) Max dia.	防爆 标志 Ex- mark	防护等级 Protection grade
			电缆外径A (ϕ ,mm)Cable's outside diameter	电缆内径B (ϕ ,mm)Cable's inside diameter				
BTL-VIG15	1 / 2	16~18	10~13	6~10	1.25	30	Exd II C Gb/DIP A20	IP65
BTL-VIG20	3 / 4	16~18	16~20	9~14	1.25	36		
BTL-VIG25	1	18~20	25~32	11~18	1.6	42		
BTL-VIG32	1 1 / 4	18~20	30~38	14~25	2.0	50		
BTL-VIG40	1 1 / 2	20~22	30~38	17~28	2.0	55		
BTL-VIG50	2	20~22	36~48	25~38	2.5	70		
BTL-VIG70	2 1 / 2	22~24	50~62	32~45	2.5	85		
BTL-VIG80	3	22~24	60~78	35~55	3.2	102		
BTL-VIG100	4	22~24	90~104	46~65	3.2	125		

VII型

采用黄铜或不锈钢制成，机械式夹紧；
适用于夹持和固定各种类型的钢丝或
钢带类的铠装电缆。

Type VIII

It is made of brass or stainless steel, with mechanical
type clamp;
It is applicable to clamping and fixing all types of steel
wire or steel band armored cables.



BTL

系列防爆填料函(II C、DIP)

产品型号 Type	螺纹规格 (G*) Thread specification	外螺纹 长度 (L,mm) Outer thread length	密封电缆直径范围 Sealing cable diameter range		最大铠装 层厚度 Max armour thickness	最大直径 (D) (φ,mm) Max dia.	防爆 标志 Ex- mark	防护等级 Protection grade
			电缆外径A (φ,mm)Cable's outside diameter	电缆内径B (φ,mm)Cable's inside diameter				
BTL-VII G15	1 / 2	16~18	10~13	6~10	1.25	30	Exd II C Gb/DIP A20	IP65
BTL-VII G20	3 / 4	16~18	16~20	9~14	1.25	36		
BTL-VII G25	1	18~20	25~32	11~18	1.6	42		
BTL-VII G32	1 1 / 4	18~20	30~38	14~25	2.0	50		
BTL-VII G40	1 1 / 2	20~22	30~38	17~28	2.0	55		
BTL-VII G50	2	20~22	36~48	25~38	2.5	70		
BTL-VII G70	2 1 / 2	22~24	50~62	32~45	2.5	85		
BTL-VII G80	3	22~24	60~78	35~55	3.2	102		
BTL-VII G100	4	22~24	90~104	46~66	3.2	125		

订货须知 Notice if ordering

MK系列常规产品采用螺纹规格，也可按用户要求定制其它规格螺纹，如公制螺纹、NPT螺纹。

The thread specs is adopted for MK series conventional product. Other specs of threads can also be customized according to customer requirements, such as metric thread, NPT thread.