

通用：三侧连接  
Universal: Attachment on all sides

防护碎屑：光滑、防护表面  
Chip protection: Smooth, chip-repellent exterior

内部空间优化：内外尺寸的比例优化  
Inner space-efficient:  
Optimised ratio of inner to outer dimension

长使用寿命：三限位块提高架空段强度  
Long service life:  
Three limit blocks for strong unsupported length

防污：有孔/销连接  
Dirt repellent: Covered pin/bore connection

快速装配：沿内半径或者外  
半径快速打开  
Quick assembly:  
Snap-open accessibility  
along inner or outer radius

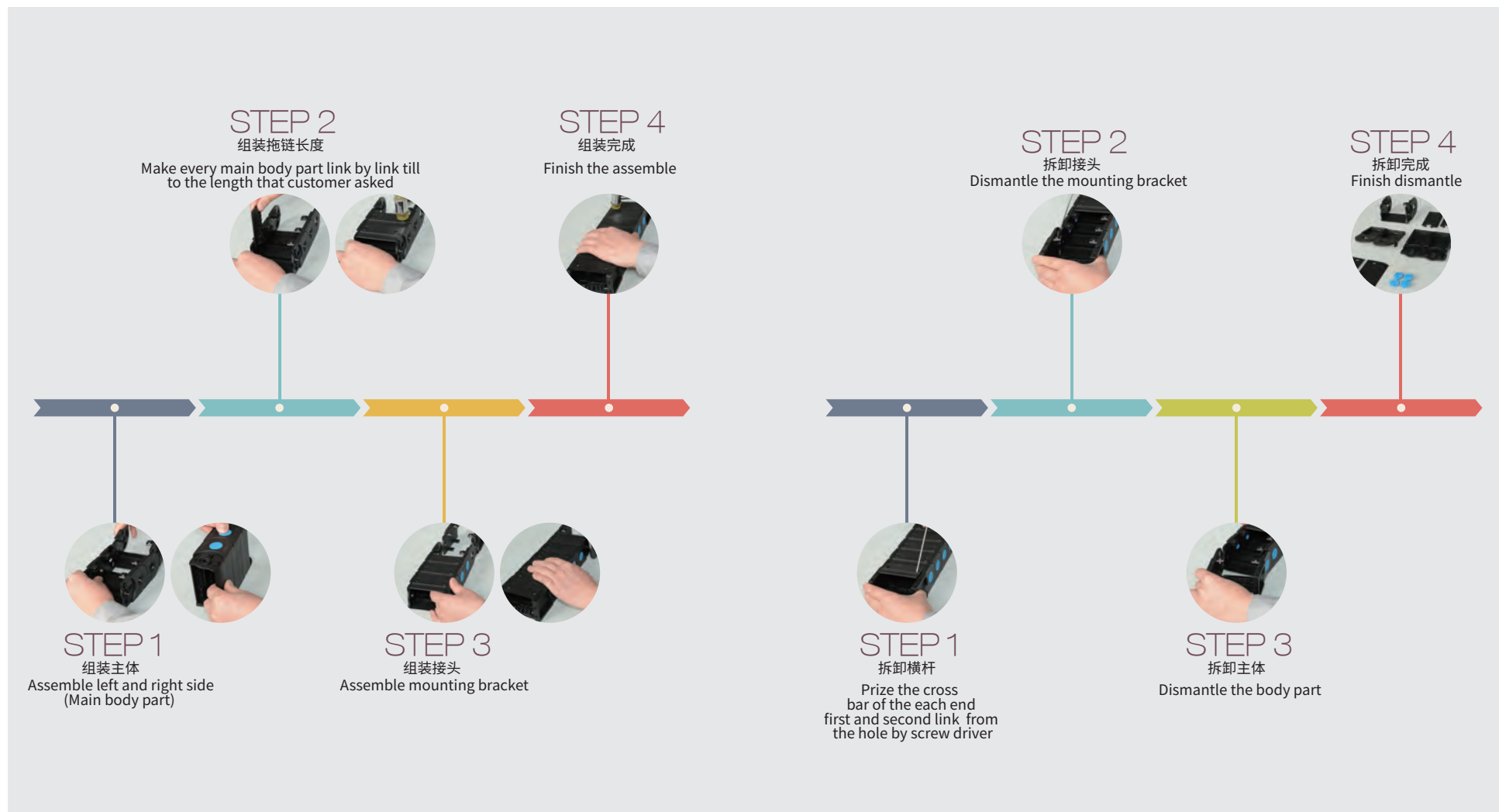


TF

TF Series Cable Chain  
TF系列拖链

## TF系列拖链拆装过程

Assemble and dismantle sketch for TF Structure Series



## TF系列拖链 TF Series Cable Chain

### 价格指数 Price index



可根据客户需求提供防火材料  
Fire-proof materials are available if customized

可根据客户需求提供防静电材料  
Anti-static materials are available if customized

### 功能特点 Features & Benefits

- 横杆可以在内侧打开
- 阻燃等级UL94 V-2
- 配有整体式带梳状板接头
- 外形设计美观、大方
- 耐摩擦、耐腐蚀，滑行应用
- 用于较长的架空长度
- Cross bars can be opened along inwards radius
- Flammability class UL94 V-2
- Split-type mounting bracket with tie warp plate
- Beautiful and decent appearance design
- Anti-corrosion, Rub-resistance, Gliding application
- For longer unsupported length

### TF25拖链的适用场合 Application

- 低负荷场合应用
- 快速安装电缆
- 运行速度慢
- Moderate loading
- Long travel distance
- Quick opening and assemble cables

### TF25拖链的不适用场合 Not applicable

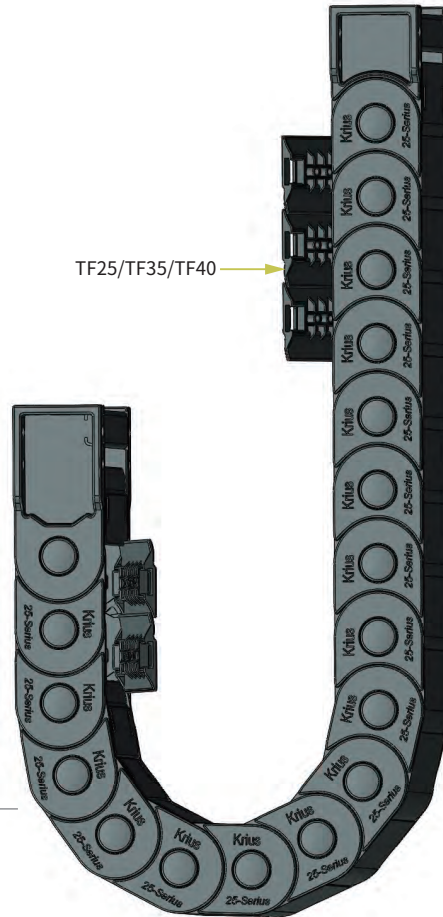
- 重载场合应用
- 长距离运行
- 反向弯曲半径
- Not for heavy load
- Not for long distance running
- Not for reverse bending

### 订购示例-整条拖链 Order details

请注明拖链长度或者链节数 如: 1米或30节  
Please mark the length or link number, such as 1 meter or 30 links

**TF2538\*R75\*1000\*2** (2条长度1米的拖链) **TF2538\*R75\*1000\*2** (2 pieces of 1-meter-long cable chain)

**TF2538\*B\*T1\*1** (1副接头, T1安装方式) **TF2538\*B\*T1\*1** (1 piece of connector, T1 installation method)

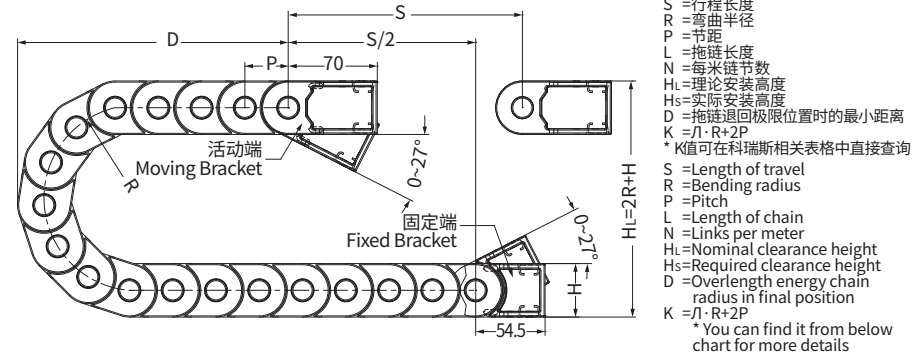
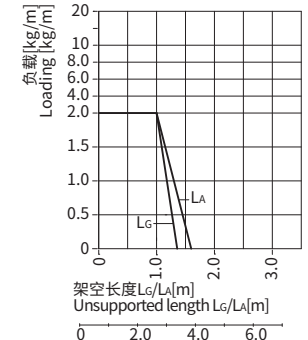
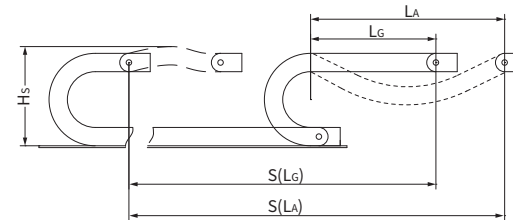


TF25/TF35/TF40

## TF25拖链-安装尺寸及技术参数 TF25 Cable Chain-Installation Dimensions and Technical Parameters

### 架空长度 Unsupported length

- L<sub>G</sub>=直线架空长度
- L<sub>A</sub>=安全塌腰架空长度
- L<sub>G</sub>=Unsupported with straight upper run
- L<sub>A</sub>=Unsupported with permitted sag



R	H <sub>L</sub>	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	192 (7.56)	160 (6.30)	305 (12.01)	34 (1.34)
100 (3.94)	242 (9.53)	210 (8.27)	380 (14.96)	34 (1.34)
125 (4.92)	292 (11.50)	260 (10.24)	460 (18.11)	34 (1.34)
150 (5.91)	342 (13.46)	310 (12.20)	540 (21.26)	34 (1.34)
175 (6.89)	392 (15.43)	360 (14.17)	620 (24.41)	34 (1.34)

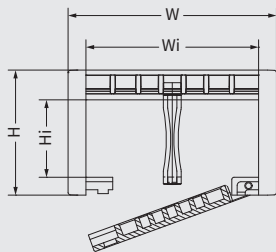
实际安装高度: H<sub>s</sub>=H<sub>L</sub>+40mm  
拖链长度: L=S/2+K (固定端在中间)  
每米链节数: N=30 (1020mm)

The required clearance height: H<sub>s</sub>=H<sub>L</sub>+1.57in.  
Chain length: L=S/2+K (Fixed end in the middle)  
Links per meter: N=30 (40.16 in.)

技术参数 Technical Parameters		
速度/加速度L <sub>G</sub>	Speed/acceleration L <sub>G</sub>	max.10[m/s]/max.100[m/s <sup>2</sup> ]
速度/加速度L <sub>A</sub>	Speed/acceleration L <sub>A</sub>	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.3[m/s]/max.10[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

## TF25 拖链-产品规格范围 TF25 Cable Chain-Product specifications

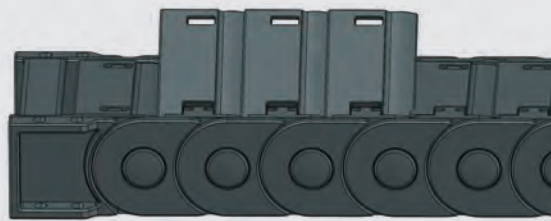
TF25拖链-内侧可开 TF25 Cable Chain-Inner can be opened



产品代码结构  
Part Number Structure

**TF2538\*R\*L\*n**

- └─ 数量 (Quantity)
- └─ 拖链长度 (Length of Cable chains)
- └─ 弯曲半径 (Bending Radius)
- └─ 内宽 (Inner Width)
- └─ 型号 (Type)



型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
TF2538	mm (in.)	mm (in.)	39 (1.54)	42 (1.65)	51 (2.01)	0.91 (0.62)	
TF2550		26 (1.02)	51 (2.01)	63 (2.48)	1.18 (0.80)		
TF2575			76 (2.99)	88 (3.46)	1.45 (0.99)		

订货范例  
Order details

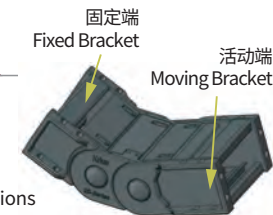
**TF2538\* R75 \* 1000mm \* 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	192 (7.56)	160 (6.30)	305 (12.01)	34 (1.34)
100 (3.94)	242 (9.53)	210 (8.27)	380 (14.96)	34 (1.34)
125 (4.92)	292 (11.50)	260 (10.24)	460 (18.11)	34 (1.34)
150 (5.91)	342 (13.46)	310 (12.20)	540 (21.26)	34 (1.34)
175 (6.89)	392 (15.43)	360 (14.17)	620 (24.41)	34 (1.34)

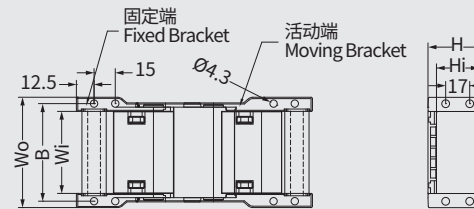
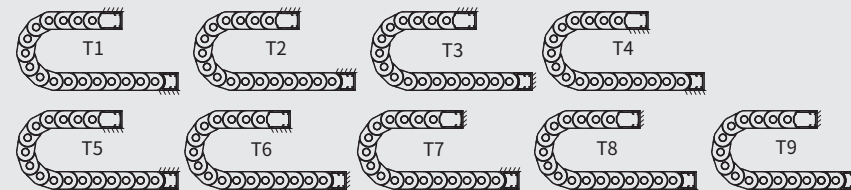
## TF25 拖链-拖链接头 TF25 Cable Chain-Mounting Bracket

塑料接头, 分体式 Plastic Mounting Bracket, Splited structure

- 分体式接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 带有去应力梳状片
- 可实现内外连接
- Split-type mounting bracket
- Anti-corrosion, Rub-resistance
- Available preassembly form
- With strain relief tie-wrap plates
- Can realize the internal and external connections



可选配的接头安装方式 Available installation methods



TF2538  
TF2550  
TF2557

拖链型号 Type	拖链编码 Code	主体编码 Main Body Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
TF2538	12303/12306	12299	接头 Mounting Bracket 12302	59 (2.32)	50 (1.97)
TF2550	12304/12307	12300	隔离片 Separator 12298	71 (2.80)	62 (2.44)
TF2575	12305/12308	12301	锁扣 Fixed Button 12309	96 (3.78)	87 (3.43)

产品代码结构 Part Number Structure

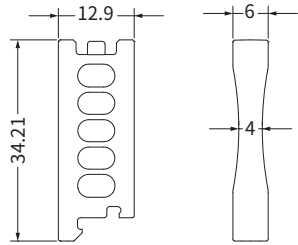
**TF2538\*B\*T1**

- └─ 安装方式 (Installation Methods)
- └─ 两端接头 (On Both Brackets)
- └─ 内宽 (Inner Width)
- └─ 型号 (Type)

- TF2538\*B\*T1\*n** 两端接头  
On both brackets
- TF2538\*f\*T1\*n** 固定端接头  
Fixed bracket
- TF2538\*m\*T1\*n** 活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.

### TF25 拖链-隔离片 TF25 Cable Chain-Separator



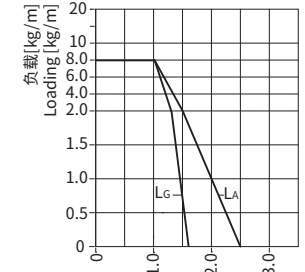
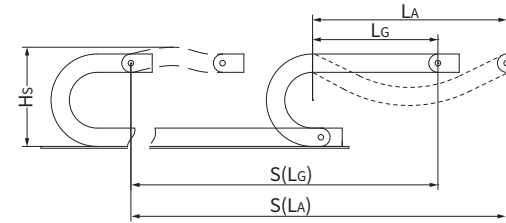
TF25拖链隔离片编码:12298  
The separator No. for TF25: 12298

- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔,也可订制铝杆作为横隔片,实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,不能滑动
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

### TF35拖链-安装尺寸及技术参数 TF35 Cable Chain-Installation Dimensions and Technical Parameters

#### 架空长度 Unsupported length

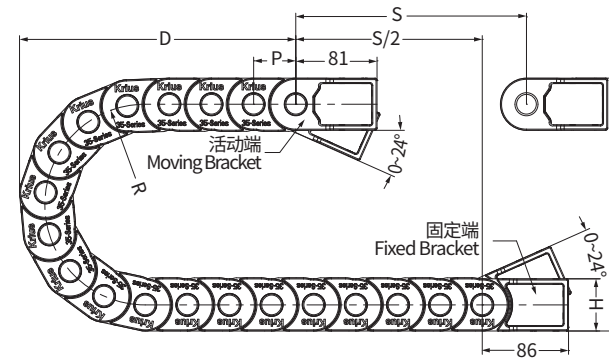
- LG=直线架空长度 · LG=Unsupported with straight upper run
- LA=安全塌腰架空长度 · LA=Unsupported with permitted sag



架空长度Lg/La[m]  
Unsupported length Lg/La[m]

行程长度S[m]  
Length of travel S[m]

- S =行程长度
- R =弯曲半径
- P =节距
- L =拖链长度
- N =每米链节数
- HL =理论安装高度
- Hs =实际安装高度
- D =拖链退回极限位置时的最小距离
- $K = \pi \cdot R + 2P$
- \* K值可在科瑞斯相关表格中直接查取



- S =Length of travel
- R =Bending radius
- P =Pitch
- L =Length of chain
- N =Links per meter
- HL =Nominal clearance height
- Hs =Required clearance height
- D =Overlength energy chain radius in final position
- $K = \pi \cdot R + 2P$
- \* You can find it from below chart for more details

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
100 (3.94)	252 (9.92)	210 (8.27)	400 (15.75)	42 (1.65)
125 (4.92)	302 (11.89)	260 (10.24)	475 (18.70)	42 (1.65)
150 (5.91)	352 (13.86)	310 (12.20)	555 (21.85)	42 (1.65)
175 (6.89)	402 (15.83)	360 (14.17)	635 (25.00)	42 (1.65)
200 (7.87)	452 (17.80)	410 (16.14)	710 (27.95)	42 (1.65)
250 (9.84)	552 (21.73)	510 (20.08)	870 (34.25)	42 (1.65)

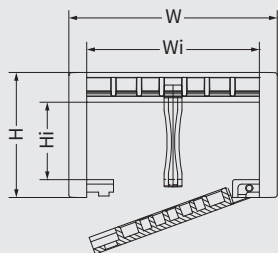
实际安装高度: Hs=HL+50mm  
拖链长度: L=S/2+K (固定端在中间)  
每米链节数: N=24 (1008mm)

The required clearance height: Hs=HL+1.97in.  
Chain length: L=S/2+K (Fixed end in the middle)  
Links per meter: N=24 (39.69 in.)

技术参数 Technical Parameters		
速度/加速度Lg	Speed/acceleration Lg	max.10[m/s]/max.100[m/s <sup>2</sup> ]
速度/加速度LA	Speed/acceleration LA	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.3[m/s]/max.10[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

## TF35 拖链-产品规格范围 TF35 Cable Chain-Product specifications

TF35拖链-内侧可开 TF35 Cable Chain-Inner can be opened



产品代码结构  
Part Number Structure

TF3550\*R\*L\*n

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)



型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
TF3550	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
TF3575		35 (1.38)	51 (2.01)	52 (2.05)	67 (2.64)	1.57 (1.08)	
TF35100			76 (2.99)		92 (3.62)	1.90 (1.29)	
			101 (3.98)		117 (4.61)	2.20 (1.50)	

订货范例  
Order details

TF3550 \* R100 \* 1000mm \* 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
100 (3.94)	252 (9.92)	210 (8.27)	400 (15.75)	42 (1.65)
125 (4.92)	302 (11.89)	260 (10.24)	475 (18.70)	42 (1.65)
150 (5.91)	352 (13.86)	310 (12.20)	555 (21.85)	42 (1.65)
175 (6.89)	402 (15.83)	360 (14.17)	635 (25.00)	42 (1.65)
200 (7.87)	452 (17.80)	410 (16.14)	710 (27.95)	42 (1.65)
250 (9.84)	552 (21.73)	510 (20.08)	870 (34.25)	42 (1.65)

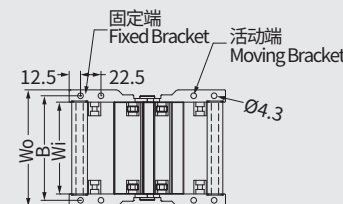
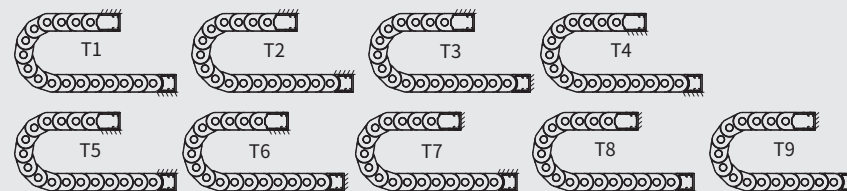
## TF35 拖链-拖链接头 TF35 Cable Chain-Mounting Bracket

塑料接头, 分体式 Plastic Mounting Bracket, Splited structure

- 分体式接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 带有去应力梳状片
- 可实现内外连接
- Split-type Mounting Bracket
- Anti-corrosion, Rub-resistance
- Available preassembly form
- With strain relief tie-wrap plates
- Can realize the internal and external connections



可选配的接头安装方式 Available installation methods



TF3550  
TF3575  
TF35100

拖链型号 Type	拖链编码 Code	主体编码 Main Body Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
TF3550	12292/12295	12288	接头 Mounting Bracket 12291	78 (3.07)	65 (2.56)
TF3575	12293/12296	12289	隔离片 Separator 12298	103 (4.06)	90 (3.54)
TF35100	12294/12297	12290	锁扣 Fixed Button 12127	128 (5.04)	115 (4.53)

产品代码结构 Part Number Structure

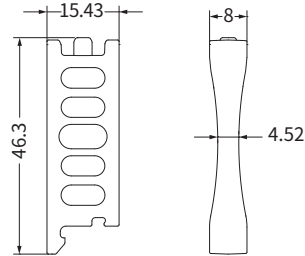
TF3550\*B\*T1

- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

- TF3550\*B\*T1\*n 两端接头  
On both brackets
- TF3550\*f\*T1\*n 固定端接头  
Fixed bracket
- TF3550\*m\*T1\*n 活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.

### TF35 拖链-隔离片 TF35 Cable Chain-Separator



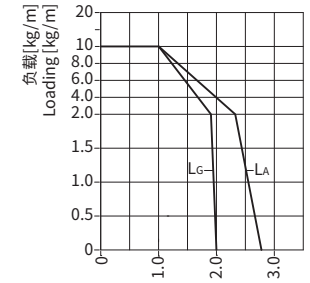
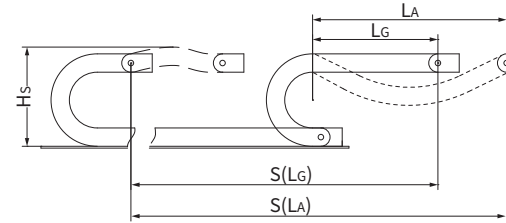
TF35拖链隔离片编码:12298  
The separator No. for TF35: 12298

- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔,也可订制铝杆作为横隔片,实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,不能滑动
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

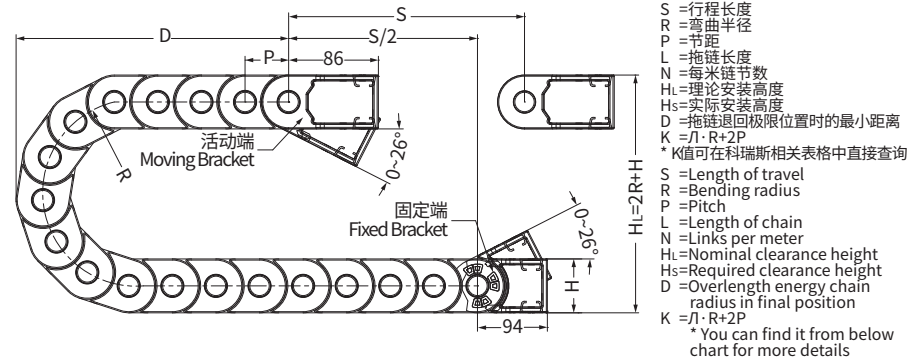
### TF40 拖链-安装尺寸及技术参数 TF40 Cable Chain-Installation Dimensions and Technical Parameters

#### 架空长度 Unsupported length

- L<sub>G</sub>=直线架空长度 · L<sub>G</sub>=Unsupported with straight upper run
- L<sub>A</sub>=安全塌腰架空长度 · L<sub>A</sub>=Unsupported with permitted sag



行程长度S[m]  
Length of travel S[m]



R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
100 (3.94)	257 (10.12)	210 (8.27)	405 (15.94)	46 (1.81)
125 (4.92)	307 (12.09)	260 (10.24)	485 (19.09)	46 (1.81)
150 (5.91)	357 (14.06)	310 (12.20)	565 (22.24)	46 (1.81)
175 (6.89)	407 (16.02)	360 (14.17)	640 (25.20)	46 (1.81)
200 (7.87)	457 (17.99)	410 (16.14)	720 (28.35)	46 (1.81)
250 (9.84)	557 (21.93)	510 (20.08)	880 (34.65)	46 (1.81)

实际安装高度: H<sub>s</sub>=HL+55mm  
拖链长度: L=S/2+K (固定端在中间)  
每米链节数: N=22 (1012mm)

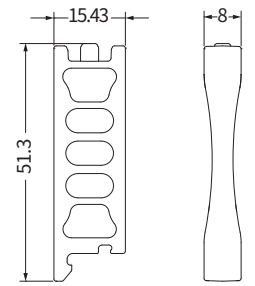
The required clearance height: H<sub>s</sub>=HL+2.14in.  
Chain length: L=S/2+K (Fixed end in the middle)  
Links per meter: N=22 (39.84 in.)

技术参数 Technical Parameters		
速度/加速度L <sub>G</sub>	Speed/acceleration L <sub>G</sub>	max.10[m/s]/max.100[m/s <sup>2</sup> ]
速度/加速度L <sub>A</sub>	Speed/acceleration L <sub>A</sub>	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.3[m/s]/max.10[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C至+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94 V-2





**TF40 拖链-隔离片**  
**TF40 Cable Chain-Separator**



TF40拖链隔离片编码:12247  
The separator No. for TF40 : 12247

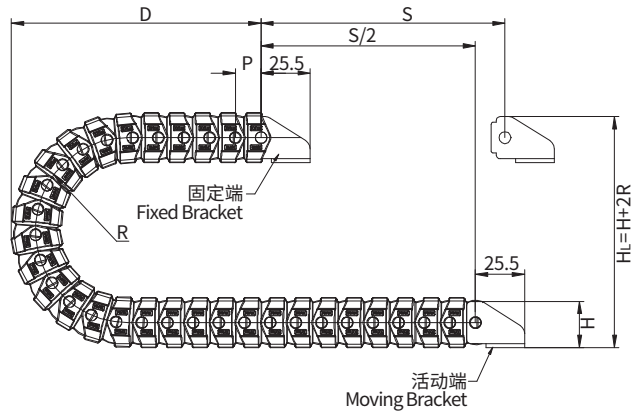
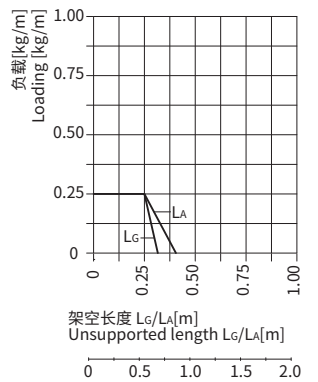
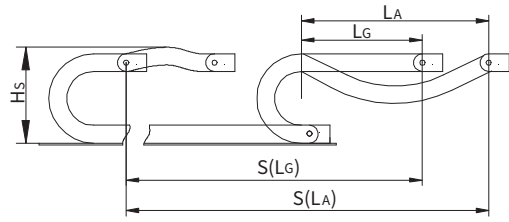
- 本款拖链可供选配的隔离片为竖隔片,可以实现垂直分隔,也可定制铝杆作为横隔片,实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备,可以每隔一个链节装一个,也可以每隔一个链节装几个,客户可任意配备
- 竖隔片安装完成后,不能滑动
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

**K2F.16 拖链-安装尺寸及技术参数**  
**K2F.16 Chain-Installation Dimensions and Technical Parameters**

**架空长度**

**Unsupported length**

- L<sub>G</sub>=直线架空长度 · L<sub>G</sub>=Unsupported with straight upper run
- L<sub>A</sub>=安全塌腰架空长度 · L<sub>A</sub>=Unsupported with permitted sag



- 行程长度 S[m]  
Length of travel S[m]
- S =行程长度
- R =弯曲半径
- P =节距
- L =拖链长度
- N =每米链节数
- HL =理论安装高度
- Hs =实际安装高度
- D =拖链退回极限位置时的最小距离
- $K = \pi \cdot R + 2P$
- \* K值可在科瑞斯相关表格中直接查询
- S =Length of travel
- R =Bending radius
- P =Pitch
- L =Length of chain
- N =Links per meter
- HL =Nominal clearance height
- Hs =Required clearance height
- D =Overlength energy chain radius in final position
- $K = \pi \cdot R + 2P$
- \* You can find it from below chart for more details

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
38 (1.50)	102(4.02)	70(2.76)	200(7.87)	13.3 (0.52)
48 (1.89)	122(4.80)	80(3.15)	230(9.06)	13.3 (0.52)
75 (2.95)	176(6.93)	105(4.13)	315(12.40)	13.3 (0.52)
100 (3.94)	226(8.90)	130(5.12)	400(15.75)	13.3 (0.52)

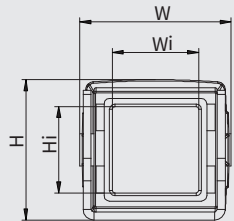
实际安装高度: Hs=HL+25mm The required clearance height:Hs=HL+0.98in.  
拖链长度: L=S/2+K(固定端在中间) Chain length:L=S/2+K(Fixed end in the middle)  
每米链节数: N=75 (997.5mm) Links per meter:N=75(39.84in)

技术参数 Technical Parameters		
速度/加速度L <sub>G</sub>	Speed/acceleration L <sub>G</sub>	max.20[m/s]/max.200[m/s <sup>2</sup> ]
速度/加速度L <sub>A</sub>	Speed/acceleration L <sub>A</sub>	max.3[m/s]/max.6[m/s <sup>2</sup> ]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s <sup>2</sup> ]
材料-允许温度°C	Material-permitted temperature	Reinforce PA/-40°C~+125°C
阻燃等级, 增强尼龙	Flammability Class, Reinforce PA	UL94-HB

### K2F.16 拖链-产品规格范围

### K2F.16 Cable Chain-Product specifications

K2F.16 拖链-全封闭钢制接头拖链 K2F.16 Cable Chains-Fully enclosed design with steel mounting bracket



产品代码结构  
Part Number Structure

**K2F.1616\*R\*L\*n**

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)



型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
K2F.16 16	38/48/75/100	16 (0.63)	16 (0.63)	26(1.02)	28(1.10)	0.33(0.73)	

订货范例 Order details **K2F.1616\* R48 \*1000mm\* 2**

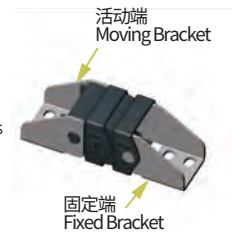
R	Hl	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
38 (1.50)	102(4.02)	70(2.76)	200(7.87)	13.3 (0.52)
48 (1.89)	122(4.80)	80(3.15)	230(9.06)	13.3 (0.52)
75 (2.95)	176(6.93)	105(4.13)	315(12.40)	13.3 (0.52)
100 (3.94)	226(8.90)	130(5.12)	400(15.75)	13.3 (0.52)

### K2F.16 拖链-拖链接头

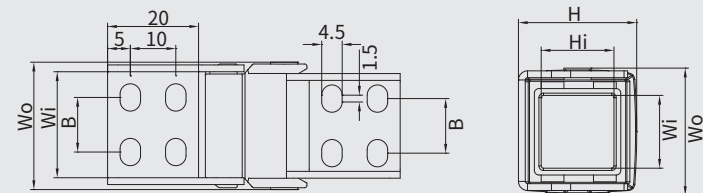
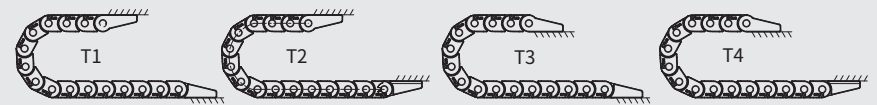
### K2F.16 Cable Chain-Mounting Bracket

钢制接头 Steel mounting bracket

- 双侧独立式钢制接头
- 两侧接头可选择性转动角度
- 耐腐蚀&耐摩擦
- 可提供预装配件形式
- 可实现内外连接
- Independent steel mounting bracket on the two ends
- Optional rotation angle for the mounting brackets at both ends
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Realizable Internal and external connection



可选配的接头安装方式 Available installation methods



拖链型号 Type	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
K2F.16 16	主体 Main Body	K2107143	
		mm (in.)	mm (in.)
		28(1.10)	12 (0.47)

产品代码结构 Part Number Structure

**K2F.1616+B+n**

- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

**K2F.16\*B\*T1\*n**

两端接头  
On both brackets

**K2F.16\*f\*T1\*n**

固定端接头  
Fixed bracket

**K2F.16\*m\*T1\*n**

活动端接头  
Moving bracket

★ 每款拖链的接头都有所不同, 订购时如有任何疑问, 请及时咨询科瑞斯。  
Every bracket is different, please contact us if you have any question.