HTTP://WWW.KRIUS.NET 拒绝手段，依存品质

DENY TRICKS , DEPENDS ON QUALITY

代理商名片粘贴处

Attached for agent business card

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The pic are just some parts of Krius company, pls refer to the goods for the color and structure. krius reserved the rights to explain. and without notice, Krius can change the design and constructions of any products

Krius® 科瑞斯

电缆拖链·机床防护罩

2016.9

Krius® 科瑞斯

电缆拖链/机床防护罩

CABLE CHAINS

MACHINE BELLOW COVER

精准 • 迅速 • 创新 • 团队竞争力

ACCURATE, RAPID, INNOVATION, TEAMWORK

企业简介

COMPANY
Introduction

江苏科瑞斯机件有限公司是一家专业生产高品质拖链、防护罩等系列产品的新兴民族企业。

公司位于江苏省昆山市工业开发区，公司集研发，生产和销售于一体，为国内业界规模最大的机械化设备附件供应商，公司具备先进的生产技术与设备，所属系列产品应用广泛（适用于登机桥，船舶码头，工程机械，工程起重机，大型机床以及电子行业机械化设备等）。公司综合实力雄厚，高品质的产品占据了国内外同行业的制高点，引起国内外同行业的广泛关注。

我司高品质高效率的生产模式吸引了国内外的广大客户，公司配合国内外客户之需求研发设计所需产品，赢得了国内外客户高度好评和赞誉。

公司秉承“拒绝手段，依存品质”的理念，并凭借其优质的产品，优良的服务，良好的信誉，在业界形成了良好的口碑。我司产品一直被同行模仿，但我司其产品高品质的精髓始终未被逾越！公司拥有独立的产品研发机构及知识产权，在进出口贸易中起着关键性作用。

为适应市场需求，科瑞斯致力于生产高性价比产品全面满足市场需求，并储备新一代产品，以满足市场进步。与此同时，我司研发团队仍在不断的创新研发更具前瞻性的新一代产品，以确保我司处于业界领跑者的地位。

选择科瑞斯，选择放心。

JIANGSU KRIUS MACHINE PARTSANP ACCESSORIES CO.,LTD specializes in manufacturing the high-quality cable chain, protective cover, hose, sizing block series products.

The company is located in Kunshan industrial development zone JiangSu Province, it integrated the research & design, production and sales into a whole. It is one of the largest supplier of mechanized equipment accessories industry at home. Krius possesses the advanced technology and equipment, the series products are widely used into the fields of airport construction, marine, engineering large machinery, crane, electronic equipment and so on. The company has the abundant resources and very strong foundation, the quality is the highest level in the same field, so it caused the widespread concern at home and abroad.

The method of efficiency to produce the high quality goods attracts a lot of customers, the designed goods always meet the customer' s marketing demand , so it bring the high acclaim and praise to us.

Under the company culture "Deny tricks , depends on quality" , with every co-workers effort to offer the best service and excellent products, Krius got the good prestige in the industry field. The goods have been imitated a long time but never been exceeded. We have own our independent R&D organization, and the intellectual property rights, it become the most role in the export trade.

Our pursued aim: Produce the high-cost-effective products to meet the market fully,design the new generation products to lead the market. All of these effort make to ensure Krius to run faster and longer.

Choose Krius, Choose Assurance.

电缆拖链/机床防护罩

CABLE CHAINS

Machine Bellow cover

发展历程
DEVELOPMENT
history

2016.11
▼ 台湾机床展 TMTS

2016.10
▼ 日本机床展 JIMTOF

这是我们的
高度
This is our height

永无止境⋯ ⋯ Never End

2016.10
▼ 伊朗机床展 AMB IRAN

2016.09
▼ 美国芝加哥机床展 IMTS

2015.10
▼ 科瑞斯参加意大利EMO国际机床展
Attended Emo Italy show

2015.06
▼ 科瑞斯参加日本工具要素展
Krius attend Japan M-Tech fair on Jul.2015

2015.03
▼ 科瑞斯参加台湾国际机床展
Krius attend Taiwan TMTS on Mar.2015

2015.02
▼ 美国AA公司提出收购科瑞斯公司，科瑞斯拒绝被收购，
至此科瑞斯与AA公司长达三年多的合作关系终止。
USA company requested to buy Krius, we have to stop the cooperation with AA

2014.05
▼ 科瑞斯参加巴西机床展，并成功在巴西大批量销售。同年6月美国AA公司再次来我司作技术交流。并于09月科瑞斯参加芝加哥国际机床展，并去AA公司参观学习。
Attended Brazil Machine Show Study in AA company Tec.

2013.08
▼ 科瑞斯研发出自清理防护罩并申请专利。次年1月科瑞斯自主研发拖链也申请专利。
Krius got 8 patent for cable chains and bellows

2012.11
▼ 经过两年的研发测试，科瑞斯产品正式推向市场。
并于次年4月科瑞斯第一次亮相北京国际机床展，获得业界大力好评。
Krius products were introduced into the market officially

2010.05
▼ 筹备五年，科瑞斯机件有限公司正式成立，同时与美国AA公司达成技术合作关系。
Krius established, cooperated with USA company on technology

展会风采
EXHIBITION
style

美国芝加哥展会2014
Chicago IMTS 2014

2015 台北国际工具机展览会
TaiWan TIMTOS Show 2015

意大利2015 EMO 展会
EMO Show 2015

巴西展会2014年
M&T Exhibition 2014

日本机械要素展会
M-Tech Show Tokyo 2015

第十四届中国国际机床展览会
2015 China International machine Tool Show

中国机床展上海
2015 China International machine Tool Show

企业资质

ENTERPRISE qualification

质量第一　客户至上　专业高效　持续创新

QUALITY FIRST, CUSTOMER SUPERME
PROFESSION AND HIGH-EFFICIENCY, CONTINUOUS INNOVATION

专业团队

PROFESSIONAL

team

生产设备
PRODUCTION
equipment

钣金车间
Metal plate plant

注塑车间
Injection molding plant

模具车间
Tooling plant

拖链仓库
Cable chain warehouse

原料仓库
Material warehouse

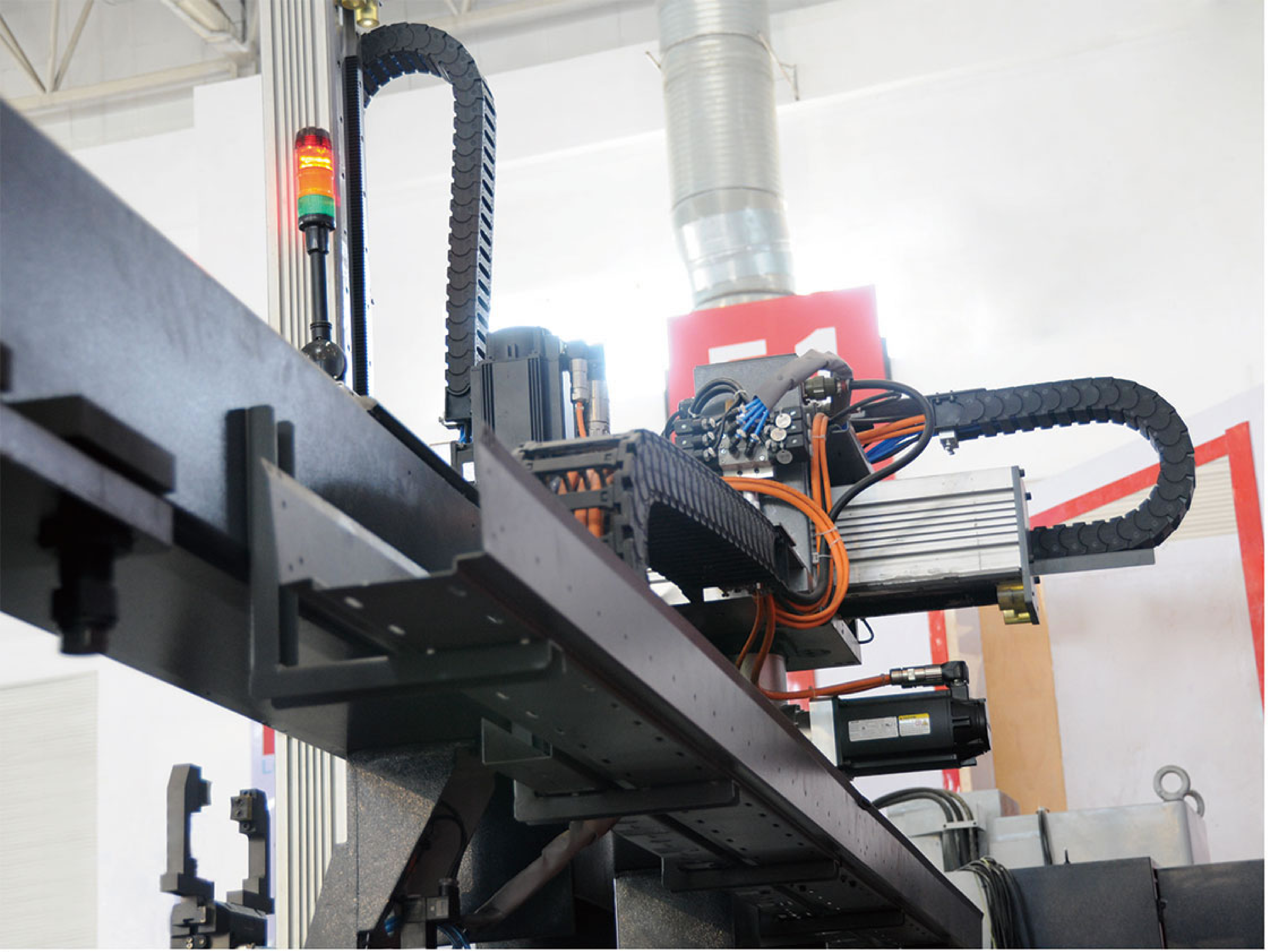
钣金车间
Metal plate plant

风琴车间
Bellow plant

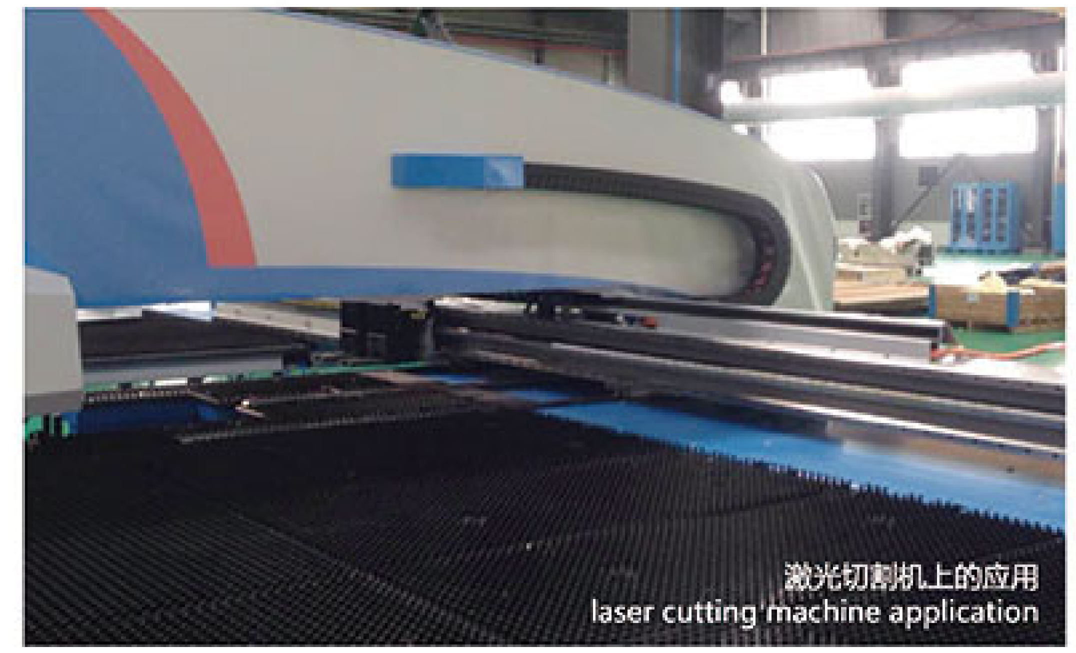
检测车间
Inspection plant

待发区域
Ready-ship area

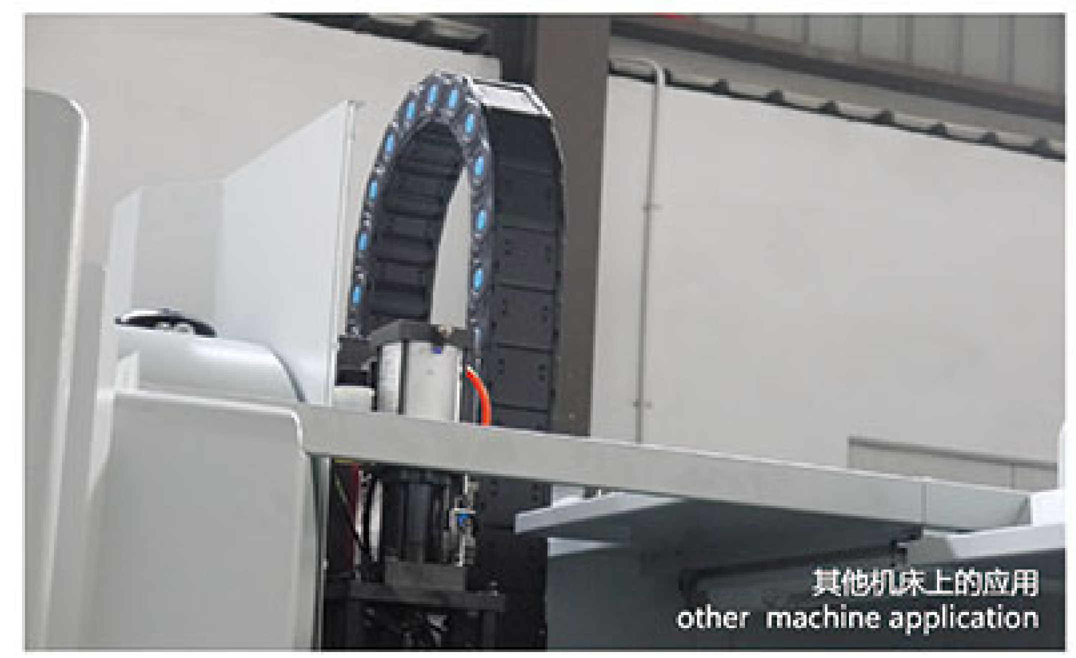
作业现场
Assemble area



机械自动化上的应用
automation application



激光切割机上的应用
laser cutting machine application



其他机床上的应用
other machine application

产品案例
PRODUCT
project

机床及机械自动化高速、专业、安静的拖链工程的应用
Application in machine tool and automation for high speed , professional and anti-noise purpose

Krius® 拖链的应用 Cable Chain Application

在大型拖链工程上的Krius随着需求的增加，像海上平台、港口、起重机械，已经在这个领域占据领导地位。为了给这种新技术的应用（动力的供应决定整个工程）下一个定义，Krius拖链在机器人以及港口机械上做了试验，试验结果显示：这种拖链可以在80~120m的行程上保持持续速度8m/s。关于供应问题的解决，Krius提出了一个新的供应理念，拖链完成了电缆和接头的组合，对于顾客来说，减少了组装和安装的时间，减少了可能出现的问题，表达了Krius的哲学理念："自由运动的工程"。

Our company has made one experience on drilling platform and the result show our goods can keep the speed of 8m/second on the travel 80 -120m distance. In addition, Krius finish the perfect link between cable and its connectors, which shorten the assembling time and avoid the potential problems, it' s a better supply project, all of this go ahead with our idea: " free energy then free project"

产品案例
PRODUCT
project

应用于大型的拖链工程及供应问题的解决
Larger project and supply energy

喷泉设备上的应用
spring equipment application

生产线上的应用
assembling equipment application

港口码头上的应用
sea terminal equipment application

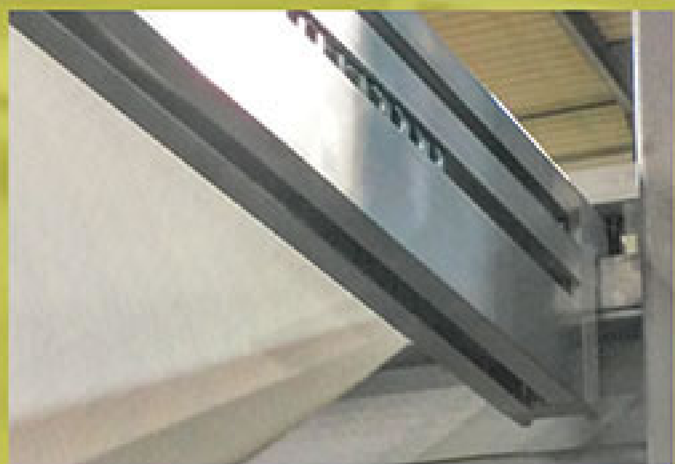
航架上的应用
crane and girder application

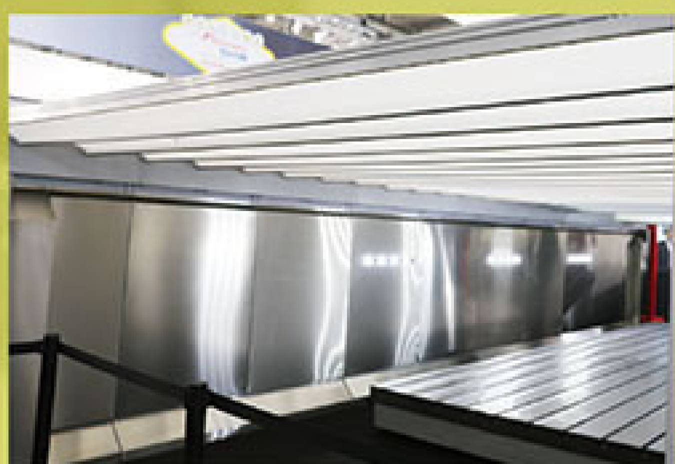
高速无尘设备

PRODUCT
Project

拖链、电缆集成系统　电子行业用无尘拖链

CABLE AND CABLE
drag chain integration system dust free cable chain for electronic industrial

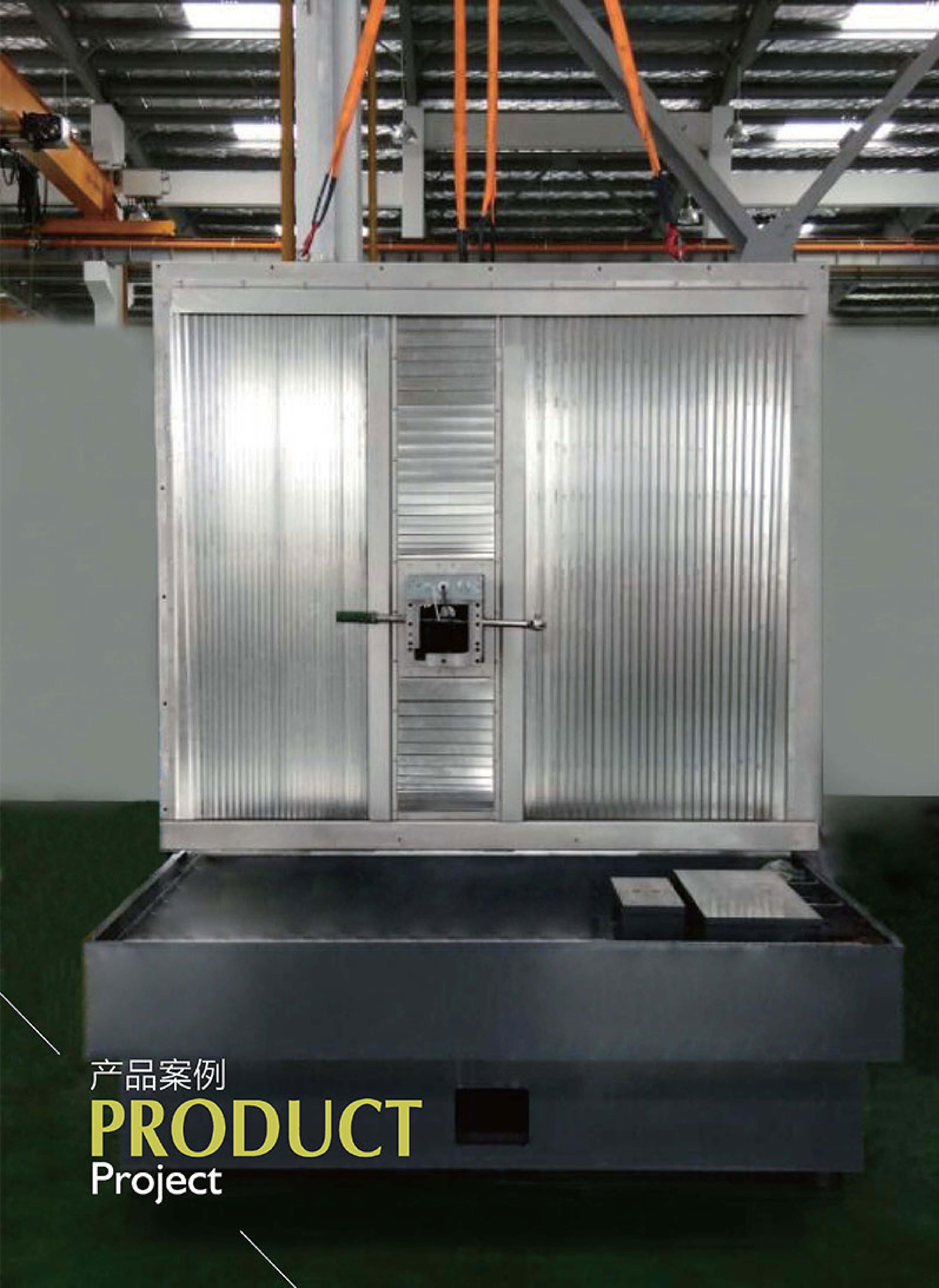




产品案例

PRODUCT

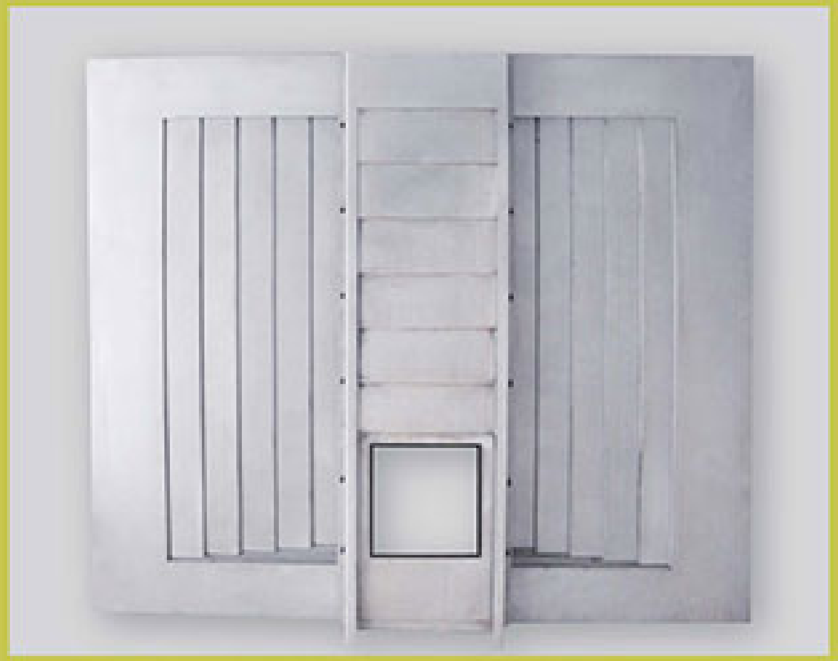
Project



产品案例
PRODUCT
Project

普通机床用防护罩
Standard machine bellow

激光切割机用防护罩
Laser cutting machine bellow



钢板式卧式加工中心用防护罩
Steel horizontal machining center shield

盔甲式卧式加工中心用防护罩
Armoured plate horizontal machining center shield

卷帘
Roller cover

卷帘
Roller cover

如何识别塑料拖链的优劣
How to choose good quality cable chain?

辨别方法
The step to choose

1. 看 look
2. 摸 touch
3. 闻 smell
4. 搓 knead
5. 切 cut
6. 掂量 evaluate

	好的拖链 Good cable chain	差的拖链 Bad cable chain
图片 picture		
一看 look	**看拖链的整体效果** 好的拖链外观做工比较精细，质地优良， 色泽圆润光滑，整体效果较好，且变形量较小。 **Look at the overall feeling of cable chain Good quality cable chain :** The appearance is better elaborate, standard color and small deformation	**看拖链的整体效果** 差的拖链外观看起来做工比较粗糙，色泽不均匀， 视觉效果不好，且变形量较大 **Look at the overall feeling of cable chain Bad quality cable chain :** The appearance is more coarse, un-standard color and heavy deformation and bad visual effect
二摸 touch	**用手摸拖链的表面，棱角和内壁** 好的拖链表面光滑，无扎手感；旋转时比较灵活方便， 摩擦较小。 **Touch the surface & edge & inner chamber of cable chain** **Good quality cable chain :** The surface is smooth, no any burr and easy to rotate with less rubbing.	**用手摸拖链的表面，棱角和内壁** 差的拖链表面较粗糙，凹凸不平，有扎手的感觉； 旋转时比较笨重，摩擦较大。 **Touch the surface & edge & inner chamber of cable chain** **Bad quality cable chain :** The surface is more coarse , bumpy, difficult to rotate with heavy rubbing
三闻 smell	**闻气味；听敲打拖链硬度较强的地方的声音** 敲打好的拖链，其发出的声音比较低沉，感觉比较厚实、 沉重；无明显的气味 **Listen the sound by knocking the tough part of cable chain** **Good quality cable chain :** The sound is more low and heavy deep , no smell	**闻气味；听敲打拖链硬度较强的地方的声音** 敲打差的拖链，其发出的声音比较清脆，感觉比较空而轻； 气味较重，有刺鼻的味道 **Listen the sound by knocking the tough part of cable chain** **Bad quality cable chain :** The sound is more silvery and empty , unpleasant smell
四搓 knead	**借助外力使劲搓塑料拖链的表面** 好的拖链搓起来比较费劲，且搓下的碎屑较细，呈粉末状 **Knead the surface of cable chain** **Good quality cable chain :** It need heavy power to knead , the scrap is more tiny with powder structure	**借助外力使劲搓塑料拖链的表面** 差的拖链易搓出凹坑，碎屑呈颗粒状 **Knead the surface of cable chain** **Bad quality cable chain :** It is easy to knead hollow with graininess scrap
五切 cut	**切开产品查看拖链的横切面** 好的拖链切开的横切面是整齐划一的，没有明显的分层现象 **Cut cable chain and check the section view** **Good quality cable chain :** The section view is very uniformly without obvious layer	**切开产品查看拖链的横切面** 差的拖链切开的横切面会出现层次分明，条纹清晰可见 **Cut cable chain and check the section view** **Bad quality cable chain :** The section view will be clear and obvious layer
六掂量 evaluate	**掂量产品的性价比** 好的拖链价格较贵，使用寿命较长， 承载较重，耐磨性好 **Evaluate cable chain cost performance Good quality cable chain :** The quotation will be higher with longer using life, it can bear heavier weight and better anti-rubbing	**掂量产品的性价比** 差的拖链价格便宜，使用寿命较短，承载轻， 耐磨性较差，更换较为频繁 **Evaluate cable chain cost performance Bad quality cable chain :** The quotation will be lower with longer using life, it can bear lighter weight and it's easy to replace

如何选择合适的拖链型号
How to choose the correct size

一、确定内部尺寸 Calculate the inner dimensions

电缆、气管和液压管等负载的数量、类型及直径决定了拖链的内部尺寸和分配状况 。
首先，要保证负载的拖链内部合理均匀的分布：包括重量均匀分布，空间合理分布。
若为单一负载且只有一条，空间足够即可（见图一）；
若为液压管、水管、气管、油管和电缆等不同的负载最好用竖隔片分隔开来（见图二）；
若为同种负载数量较多且直径差异比较大，也最好用竖隔片隔开（见图二）；
若有多层排布，可用横隔片在高度方向进行分隔（见图三）。
其次，要保证负载能够在拖链内部能够自由移动，防止排布时产生相互缠绕的现象；
然后，根据负载的排布，计算出内高和内宽：通常情况下所选用的拖链的内宽和内高为负载排布的最大高度和最大宽的1.5倍；
最后，根据拖链的使用环境决定是否需要选用全封闭拖链（一般情况下在有粉尘颗粒较大或者环境较为恶劣的情况下，为了更好的保护负载，可选用全封闭型的拖链）。

The qty , type and diameter of the electric cable, gas pipe and hydraulic tube will decide the cable chain inner dimensions and layout.
Firstly, we need promise that all the pipes need to be equally distributed , including the pipe 's weight and space. if there are only one or single cable or tubes, only offering enough space will be ok (dwg1).
If there are different type, e.g. hydraulic tube, water pipe , gas pipe and electric cable , it is better to use separator to divide them(dwg2).
if there need multilayer layout, horizontal separator can be divide them (dwg3)
Secondly, all of the cables need to run and operate freely and there are no twine between each other.
Thirdly, referring to the cables' layout, the cable chain inner width is 1.5 times of all the cables' total max width and the cable chain inner height is 1.5 times of all the cables' max height. then calculate the cable chain inner width and inner height.
Last, If the environment is very tough, to better protection for cables, totally closed structure is optional.

二、计算弯曲半径 Calculate the bending radius

弯曲半径的计算取决于以下两个要素：
- 通常情况下，最大的直径或厚度及最硬的电缆决定了最大允许的最小弯曲半径；
- 可获取的安装空间决定了允许的弯曲半径（在拖链安装空间有限的情况下）；

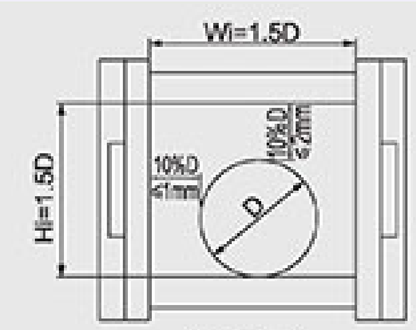
弯曲半径的计算方法：
- 电缆：国产电缆的弯曲半径是其最大外径的8~10倍左右；进口电缆的弯曲半径是其最大外径的6倍左右；
- 油管：油管的弯曲半径是其最大外径的12倍左右；
- 水管和气管：水管和气管的弯曲半径是其最大外径的10~12倍左右；
- 实际安装高度H_L：弯曲半径$R \leq (H_L-H)/2$，H为拖链外高尺寸（见图四）。

注：实际选用拖链型号以Krius现有的拖链标准择优而定。

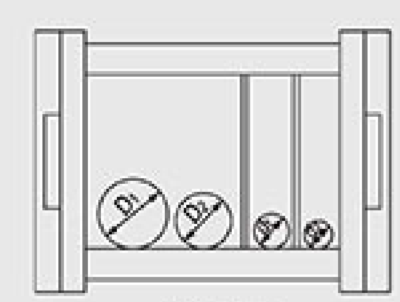
The bending radius dimensions depends on the two factor
- Normally, the pipes with the hardest , biggest diameter or thickness will decide the allowed min bending radius.
- The allowed assembled space will decide the bending radius also.

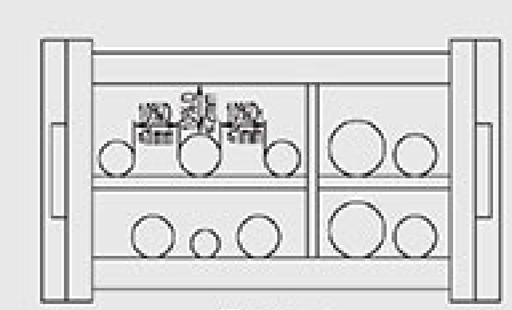
How to calculate the bending radius.
- Electric cables: about 8 times of China domestic cables max diameter, about 6 times of overseas cables max diameter
- Pipeline: about 12 times of pipeline max diameter.
- water and gas pipes: about 10~12 times of water and gas pipes max diameter.
- Actual assemble H_L: bending radius$R \leq (H_L-H)/2$, H means the outer height of cable chain (dwg4)

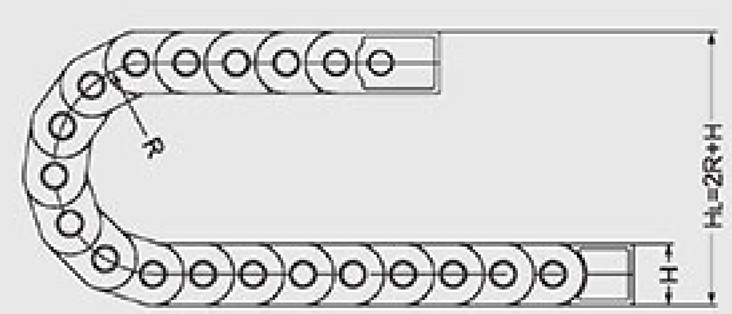
Remark: Krius products will be prior to be considered to choose.



图一 Dwg1

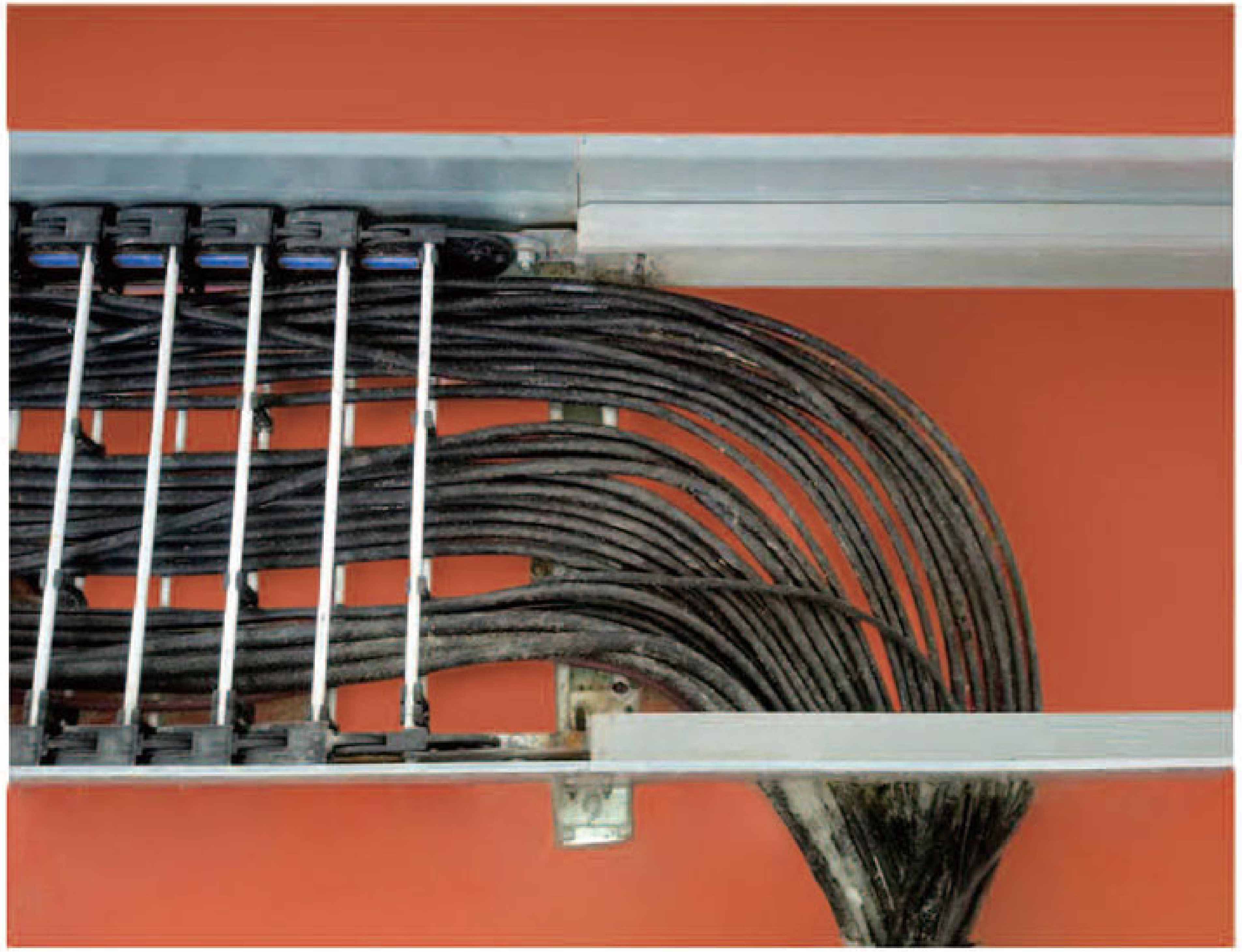

图二 Dwg2


图二 Dwg3



图四 Dwg4

如何正确的安装拖链及电缆
How to assemble cable chain and cables



- 使用适当的平头螺丝刀，垂直的插入盖板或横杆两端的开启槽，打开盖板或横杆，将被保护物品按照规则放入到塑料拖链内，然后装上盖板或横杆，在进行固定之前一定要考虑到电缆的固定端和活动端必须考虑到线缆的伸缩度。
- 拖链电缆的敷设不能扭曲，即不可从电缆卷筒或电缆盘的某一端解开电缆，而应先旋转卷筒或电缆盘将电缆展开，必要时可将电缆展开或悬挂起来，用于该场合的电缆只能直接从电缆卷上取得。
- 注意电缆的最小弯曲半径，必须确保电缆在弯曲半径内完全移动，即不可强迫移动，这样可以使电缆彼此间或与导向装置之间进行相对移动.
- 电缆必须尽可能松散对称且相互平行地并排敷设在拖链中，保证横向重量均匀，电缆间或电缆与拖链之间的空隙至少应为电缆直径的10%。
- 电缆的两端都必须固定，或至少在拖链的运动端必须固定。一般电缆的移动端离拖链端部的距离应为电缆直径的20−30倍。
- 如果拖链折断，则其电缆也需要更换，因为过度拉伸造成的损坏无法避免。
- 通常情况移动端安装高度H≥2R+H（悬空运行时）；R−弯曲半径，h−拖链外高
- 当线缆的长度比较长的时候，必须利用较长的拖链进行保护，为了让塑料拖链能够更稳定的运行，尽量在塑料拖链内加装导向槽。

- Using suitable flat screwdriver vertically insert into the cover plate or crossbar's two ends opening groove , open the cover or crossbar , then put the protected products into nylon cable chain accordingly , before fixing have to consider about cable wire's scalability property.
- Please mind the cable can't be distort while fixing , when take cable wire from cable tray keep it undistorted , try spread or hang it when necessary.
- Be aware of the smallest bending radius of cable wire , ensure cable wire can move freely in the radius range , this can provide enough space for the movement between cables and guide rail device.
- When fix the cable wire , please keep it relax and parallel and ensure horizontal weight balance, guarantee the gap between cables or cable to chain no less than 10% radius of cable wire.
- Both end of cable wire must be fixed , or at least fix the moving end . Usually , distance form moving cable end to moving bracket should be 20−30 times of the cable's diameter.
- If the cable chain break off , the cable should replace too , because overstretch course damage is inevitable.
- Usually the fixing height of moving bracket should be H ≥ 2R+H (when operation in unsupport situation); R−bending radius , H−outside height of cable chain.
- Long cable should match long cable drag chain for protection , fix guide rail slot in cable chain can make it work more stabilly.

导向槽
Guide Rail

导向槽简介

1.导向槽的作用
导向槽是在拖链在长距离运行过程中的一种辅助装置，主要用来保证拖链按照规定的轨迹可以连续平稳的进行运动。

2.导向槽的结构
导向槽主要导向槽侧板、连接角钢、C型槽、滑行装置(尼龙轮、钢制或塑料滑行板)及安装螺丝等五部分结构组成。

3.导向槽的分类
一般情况下，导向槽可以根据安装的滑行装置的不同分为四类：
- 无支撑的导向槽
- 带尼龙轮的导向槽
- 带钢滑行板的导向槽
- 带塑料滑行板的导向槽

4. 导向槽的特点
- 导向槽结构的合理性设计，减少了其他零部件对拖链本身的摩擦，从而在一定程度上大大延长了拖链的使用寿命及更换周期；
- 拆装方便，并且可以根据实际情况进行装配，并且可以反复使用，从而节约了时间和成本；
- 导向槽本身具有耐腐蚀的优点，可以与拖链结合共同保护线缆等被牵引物体，起到双层保护的作用。

5.导向槽的选用条件
- 拖链的行程较长
- 需要引导拖链的运行轨迹
- 拖链的使用环境没有支撑的区域
- 在使用过程中有侧向加速度

6.导向槽的安装
- 拖链导向槽内宽必须比拖链的外宽大4mm−6mm，每节导槽接口处必须平整无交错，各部位螺栓禁止有松动现象。
- 导向槽直线方向必须与轨道保持平行，水平和垂直方向的直线误差≤±3mm。
- 导向槽拼装应从中间进线口开始依次向两端布置，多余部分在两端可适当截取；
- 导向槽和拖链安装完成后，高度方向高出拖链最高点范围在2mm~10mm之间
- 拖链固定端、移动端、导向槽安装保持在同一垂直中心线上并固定牢靠
- 固定端装有导向托辊或滑条的，托辊（滑条）顶端应与第一层拖链高度平齐，与固定端距离为一个链板节距左右。

Guide Rail Brief Introduction

1.Guide Rail Function
Guide Rail is assisted device when the cable chain work in long distance, it is mainly for cable chain running smooth along with the designed route.

2. Guide Rail Structure
It mainly makes up of lateral plate, connecting angle steel, C−Rail and gliding device(Nylon wheels, Steel or plastic gliding plate) and screw etc. five parts.

3. Guide Rail classification
Normally, it had four different kinds according to gliding device
Standard Guide rail without supporter
Guide rail with nylon wheels
Guide rail with steel plate
Guide rail with plastic plate

4. Guide Rail feature
- The guide rail structure will reduce the friction to cable chain from machine, then cable chain will have longer using life and reduce the replacement.
- Easy to assemble and dismantle, not one−off and can be used many times, it will save the cost and time
- Guide rail is anti− corrosion, it can secondly−protect the cables also together with cable chain.

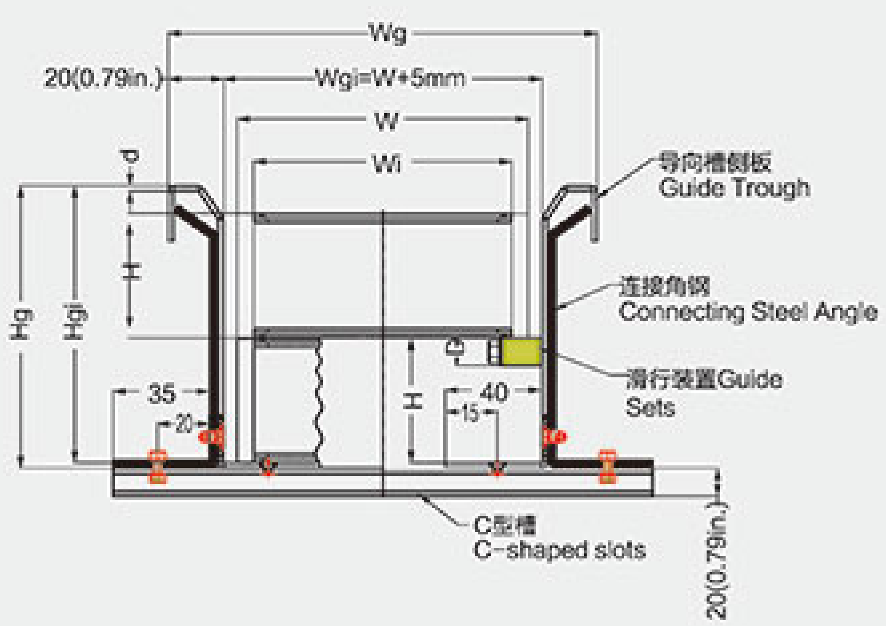
5. When need guide rail
- Longer distance
- The running route need to be guided
- There are no supporter for the cable chain work environment
- There are accelerated speed

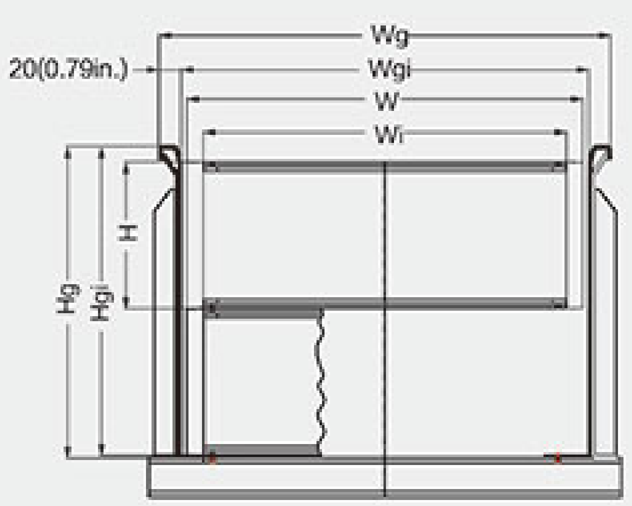
6. Guide Rail assembling
- The guide rail inner width should be more 4−6mm than the cable chain outer width, it prohibit to miss or loose for the rivet and bolt
- Guide rail should keep parallel with pathway. the tolerance should be ≤±3mm between horizontal and vertical direction
- Assembling guide rail should be placed from the middle to the two end part, the surplus part can be cut or saved depends on the actual situation.
- The guide rail whole max height should be more 2−10mm than the cable chain whole max height
- The cable chain moved mounting bracket , fixed mounting bracket and guide rail should be same central vertical line and need to be fixed well.
- For the fixed mounting bracket with gliding plate , the gliding plate height should be same level with the first layer height of cable chain. The distance for the gliding plate and fixed mounting bracket should be about one link.

导向槽
Guide Rail

导向槽的应用——用于长行程的导向槽 Application of guide slot for long stroke guide groove

导向槽的技术参数 Slot for long stroke guide groove



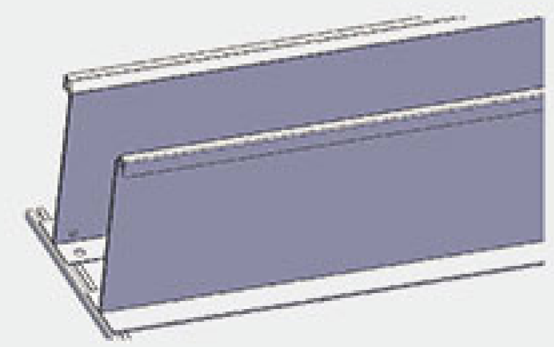


W=拖链外宽
Wi=拖链内宽
H=拖链外高
Hg=导向槽的外高=Hgi+d
Hgi=导向槽的内高=2H+（2mm~10mm）
Wg=导向槽的外宽=Wgi+40mm
Wgi=导向槽的内宽=W+5mm
D=滑行装置高度尺寸（Φ20mm，Φ30mm，Φ40mm，2.5mm，3mm,5mm⋯⋯）
注:
1.导向槽侧板的数量及长度由实际加工的总长度决定（每段长度都是相等的）
2.滑行装置及连接螺丝的数量由导向槽侧板的参数决定
3.连接角钢宽度固定，高度及数量由导向槽侧板的参数决定
4.滑行装置的选用以实际应用的情况而定

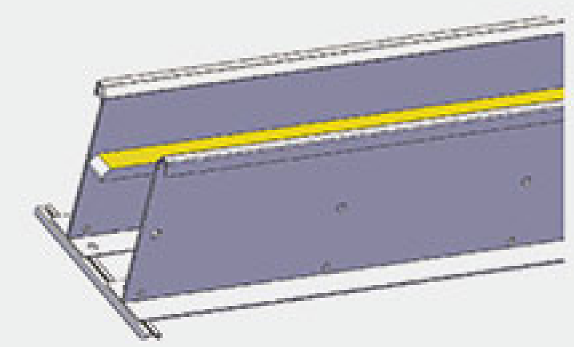
W=Cable chain outer width
Wi= Cable chain inner width
H= Cable chain outer height
Hg=Guide rail outer height=Hgi+d
Hgi=Guide rail inner height=2H+（2mm~10mm）
Wg=Guide rail outer width=Wgi+40mm
Wgi=Guide rail inner width=W+5mm
D= Gliding device height（Φ20、Φ30、Φ40）
Remark:
1.The guide rail qty and length is decided by the actual total length （Each section length is equal）
2. Gliding device and screw qty is decided by guide rail lateral plate dimension
3. Connecting steel angle width , height and qty is decided by guide rail lateral plate dimension
4.Gliding device depends on the actual situation

导向槽和C型槽
Guide Rail and C-rail

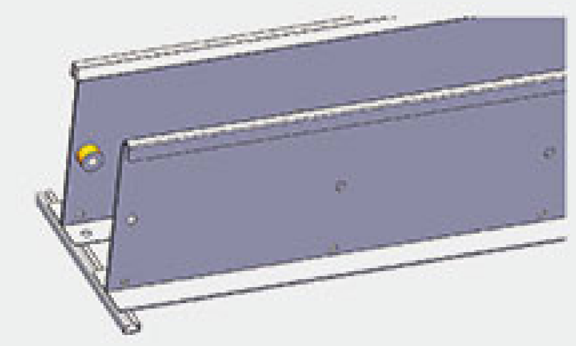
导向槽 Guide Rail



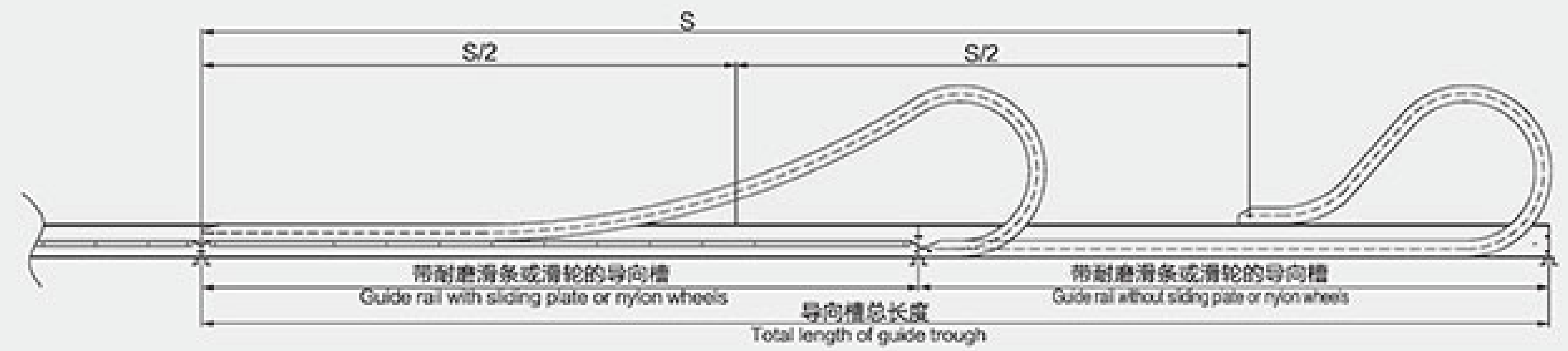
无支撑的导向槽
Standard Guide rail without supporter



带耐磨滑片的导向槽
Guide rail with steel or Plastic Sliding plate

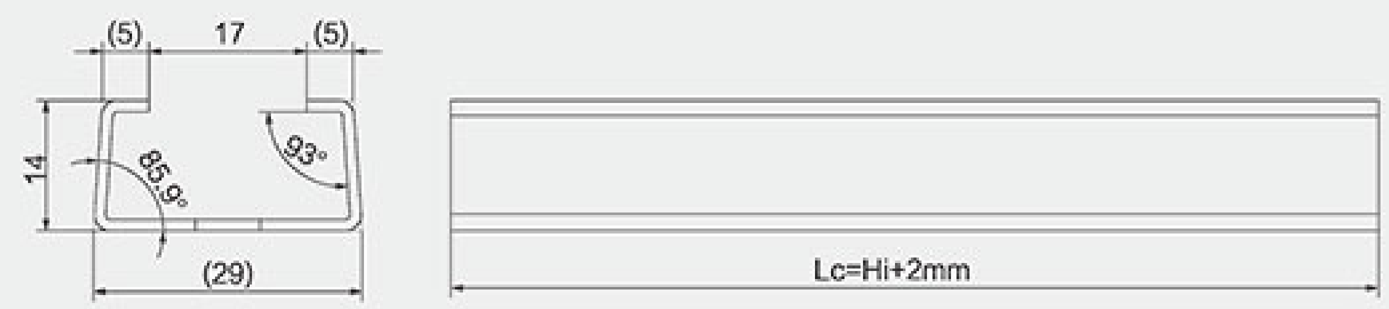


带滑轮的导向槽
Guide rail with nylon wheels

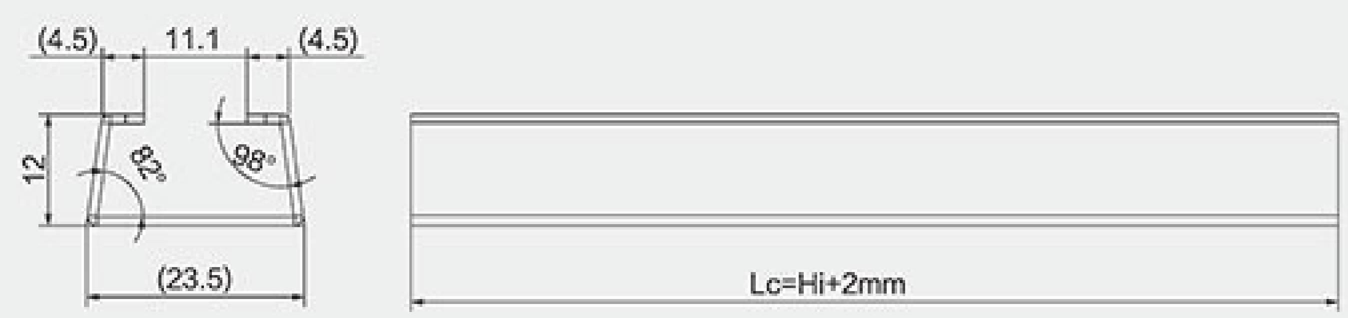


德标和国标C型槽 C-rail option

国标C型槽
GB C Rail



德标C型槽
DIN C Rail



注:
- 我司拖链用C型槽分为国标和德标两种，现用拖链中重力型以及HQ、HF系列金属接头等均使用国标C型槽，其余拖链使用德标C型槽;
- C型槽长度Lc ：内宽Wi≤Lc≤Wi+2mm
- 该元件为可选配件，如有需要请注明

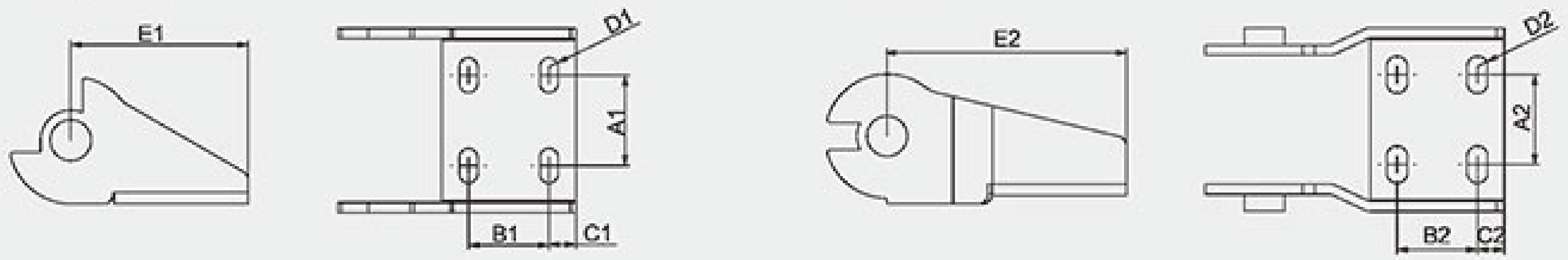
Note:
- C rail has two kinds: GB and DIN version, Krius Heavy series/HQ/HF metal mounting bracket will use GB version , others use DIN C rail
- Lc means the length of C rail, inner width Wi Lc≤ Wi+2mm
- C rail is optional, remark it if you need.

钢制接头-根据要求订制
Steel mounting bracket-Customizable

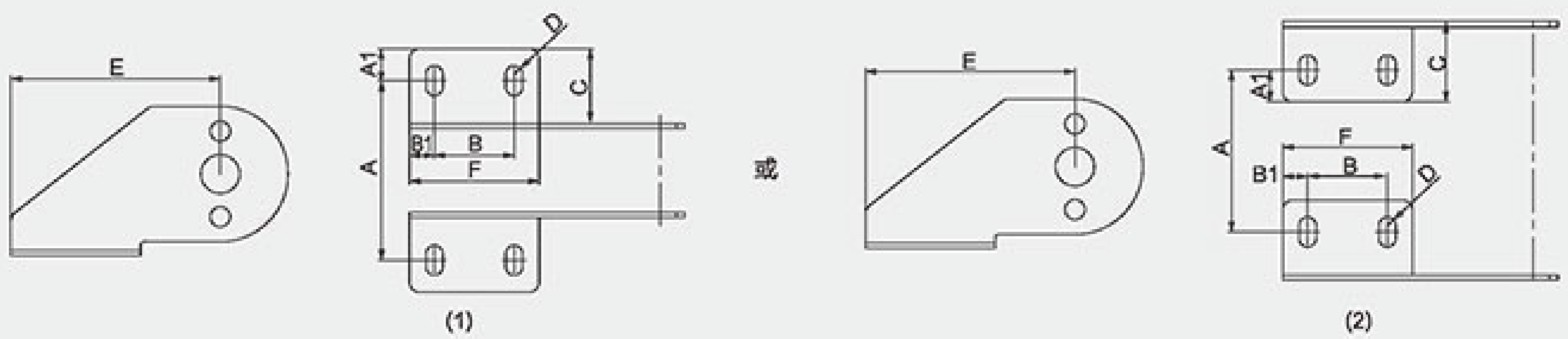
形式一：通常用于EN/EW/FN系列 Type 1: For EN/EW/FN series

活动端
Moving bracket

固定端
Fixed bracket



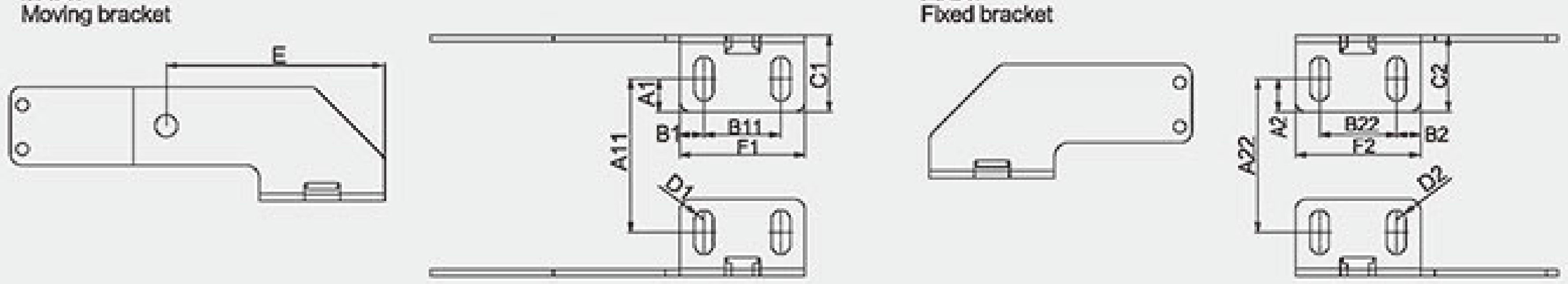
形式二：通常用于ZQ/ZF/TF系列 Type 2: For ZQ/ZF/TF series



形式三：通常用于HQ/HF/CL系列 Type 3: For HQ/HF/CL series

活动端
Moving bracket

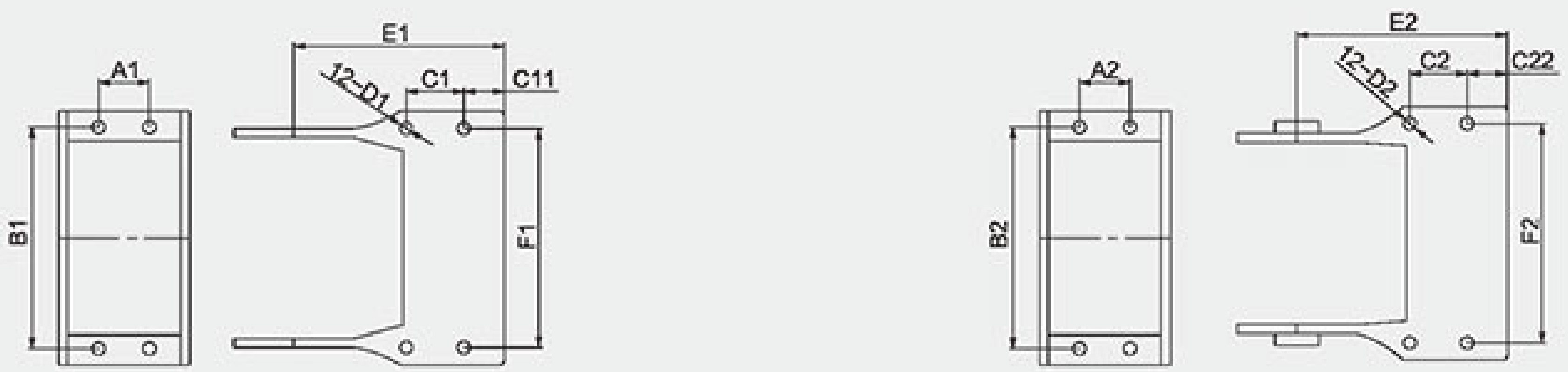
固定端
Fixed bracket



形式四：通常用于ZQ/ZF/TF系列 Type 4: For ZQ/ZF/TF series

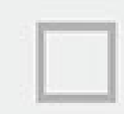
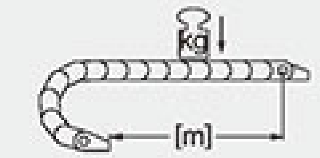
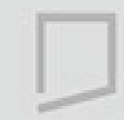
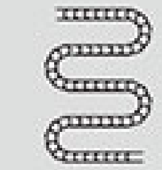
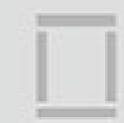
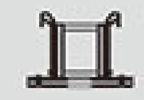
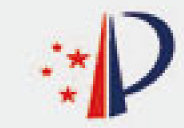
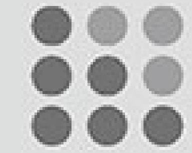
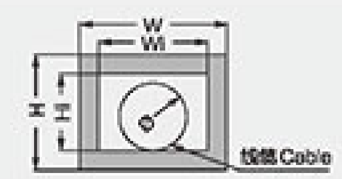
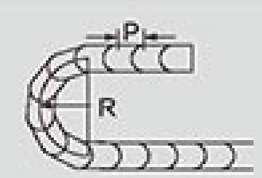
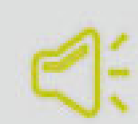
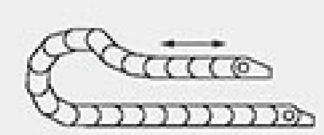
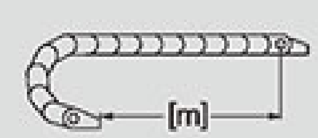
活动端
Moving bracket

固定端
Fixed bracket

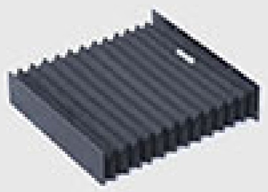
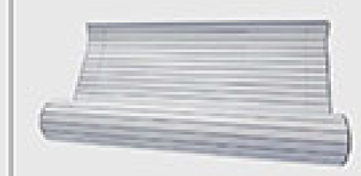


注：如需要订制钢制接头，请在Krius相应的拖链型号后面备注，并注明材质及其它特殊要求
Note: if you need mounting bracket with steel material, pls remark it after the cable chain item No., with your demand, e.g. material and special request

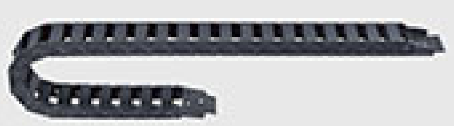
Krius® 图例 Pictograms

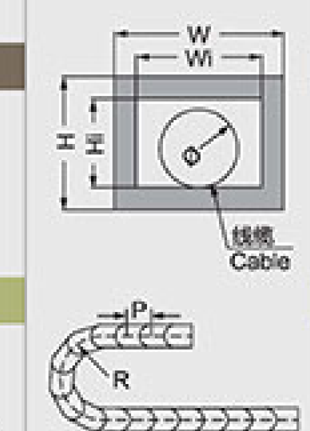
图示 Diagram	备注 Remark	图示 Diagram	备注 Remark
	上下盖不可打开 Cannot be opened		架空最大承重 Unsupported fill weight max.
	只可下盖打开 Inner can be opened		S型拖链 "S" shape chain
	只可上盖打开 Outer can be opened		重量 Weight
	上下盖均可同时打开 Inner and outer can be opened		krius 信息 Krius information
	下盖可打开或上盖可 打开二者任选一种 Inner or outer can be opened		订购示例 Order detail
I型 I type 	纵向分隔 Vertical division		导向槽 Guide Rail
II型 II type 	全宽度横向分隔 Complete horizontal division		国家专利保护 National patent
III型 III type 	交错分隔 Cross division		低价格 Low-price 中等价格 Mid-price 高价格 High-price
	基本尺寸 Basic dimension		速度快 High speed
	弯曲半径R 节距P Bending radius Pitch		噪音低 Low-noise
	滑行应用最大长度 Gliding applications length max.		阻燃等级 Flammability Class
	最大架空长度 Unsupported length max.		承载重 High Loading

Krius® 防护罩目录 Bellow Cover Contents

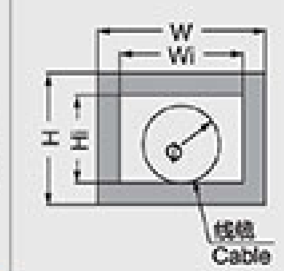
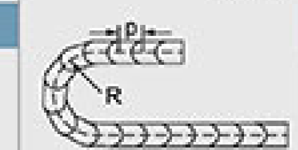
卧式加工中心防护罩 Integrated backwall guard	柔性风琴式防护罩 Flexible accordion bellow	柔性盔甲式防护罩 Flexible armour bellow	钢板防护罩 Telescopic steel guard	卷帘 Steel shield brief	铝帘 Aluminum shield brief
 页码 Page 004	 页码 Page 005-008	 页码 Page 009-011	 页码 Page 012-014	 页码 Page 015	 页码 Page 016

Krius® 拖链目录 Cable Chain Contents

图片 Picture	类型 Type	内高Hi Inner height (mm in.)	内宽Wi Inner width (mm in.)	线缆最大直径Ø Cable max Ø (mm in.)	外高H Outer height (mm in.)	外宽W Outer width (mm in.)	弯曲半径R Bending radius (mm in.)	节距 P Pitch (mm in.)	架空最大承重 Unsupported fill weight max(kg/m lbs/ft)	最大架空长度La Unsupported length max(m ft.)	滑行应用最大长度 Gliding applications length max≤[m]	打开方式 Opening design	内部分隔方式 Interior separation type	备注 Remark	页码 Page
W系列微型拖链 W series-micro cable chain															
	W06	6.4 (0.25)	10.4 (0.41)	Ø4 (0.16)	9.4 (0.37)	15.6 (0.61)	18 (0.71)	10 (0.39)	0.25 (0.17)	0.4 (1.31)	–		–	技术参数 Technical parameters	017-026
	W07	7.4 (0.29)	7.4 (0.29)	Ø5 (0.20)	10.4 (0.41)	13 (0.51)	18 (0.71)	10 (0.39)	0.25 (0.17)	0.4 (1.31)	–				
	W10	10.4 (0.41)	10.8-25.8 (0.43-1.02)	Ø8 (0.31)	14 (0.55)	16.8-31.8 (0.66-1.25)	18 (0.71)	13 (0.51)	0.25 (0.17)	0.5 (1.64)	–				
迷你型拖链 Mini series cable chain															
	EN15	15 (0.59)	15.2-50.2 (0.6-1.98)	Ø12 (0.47)	19.5 (0.77)	24.8-59.8 (0.98-2.35)	23-48 (0.91-1.90)	25 (0.98)	1.5 (1.02)	1.0 (3.28)	–		–		027-042
	EN18	18 (0.71)	18.2-50.2 (0.72-1.98)	Ø15 (0.59)	23 (0.91)	29.2-61.2 (1.15-2.41)	28-48 (1.10-1.90)	30 (1.18)	1.5 (1.02)	1.5 (4.92)	–				
	FN15	15 (0.59)	15.2-50.2 (0.6-1.98)	Ø12 (0.47)	19.5 (0.77)	26.2-61.2 (1.03-2.41)	25-48 (0.98-1.90)	25 (0.98)	1.0 (0.68)	1.0 (3.28)	–				
	FN18	18 (0.71)	18.2-50.2 (0.72-1.98)	Ø15 (0.59)	23 (0.91)	30.2-62.2 (1.19-2.46)	28-180 (1.10-7.09)	30 (1.18)	1.0 (0.68)	1.5 (4.92)	–				
轻便型EN · EW系列拖链 Lightweight type-EN · EW series cable chain															
	EN21EW21	21 (1.00)	26.3-103.3 (1.04-4.07)	Ø18 (0.71)	37.2 (1.46)	42.3-119.3 (1.67-4.70)	55-150 (2.17-5.91)	46 (1.81)	2.0 (1.36)	2.0 (6.56)	75m	（任选一种） You can choose any one	I型 I type		043-060
	EN25EW25	25.4 (1.00)	25.3-77.3 (1.00-3.04)	Ø23 (0.91)	38 (1.50)	42.7-94.7 (1.68-3.73)	55-150 (2.17-5.91)	46 (1.81)	5.0 (3.4)	2.3 (7.54)	100m				
	EN35EW35	35.7 (1.41)	50-125 (1.97-4.92)	Ø32 (1.26)	54 (2.13)	75-150 (2.95-5.91)	63-300 (2.17-11.81)	56 (2.20)	8.0 (5.44)	2.8 (9.18)	120m				
	EN45EW45	45.2 (1.78)	50-125 (1.97-4.92)	Ø42 (1.65)	64 (2.52)	75-150 (2.95-5.91)	55-150 (2.17-5.91)	67 (2.64)	14.0 (9.52)	3.1 (10.17)	150m				
TF系列拖链 TF series Cable Chain														内部分隔方式 Interior separation type	
	TF25	26 (1.02)	39-76 (1.54-2.99)	Ø22 (0.87)	42 (1.65)	59-96 (2.32-3.78)	75-175 (2.95-6.89)	67 (2.64)	2.0 (1.36)	1.6 (5.25)	50m		II型 II type		061-078
	TF35	35 (1.38)	51-101 (2.01-3.98)	Ø32 (1.26)	52 (2.05)	67-117 (2.64-4.61)	100-250 (3.94-9.84)	42 (1.65)	8.0 (5.44)	2.5 (8.2)	75m				
	TF40	40 (1.57)	53-153 (2.09-6.02)	Ø37 (1.46)	57 (2.24)	74-174 (2.91-6.85)	100-250 (3.94-9.84)	46 (1.81)	10 (6.8)	2.8 (9.1)	100m				
JQ · JF静音系列拖链 JQ · JF low-noise series cable chain															
	JQ18	18.6 (0.73)	20.5-60.5 (0.81-2.38)	Ø14 (0.55)	25.5 (1.00)	34.5-59.8 (1.36-2.35)	38 (1.50)	16 (0.63)	3.0 (2.04)	1.6 (5.25)	–		I型 II型 I type II type		079-106
	JQ28	28.2 (1.11)	30.5-120.5 (1.2-4.74)	Ø25 (0.98)	38.8 (1.53)	54.5-144.5 (2.15-5.69)	55-100 (2.17-3.94)	24 (0.95)	3.5 (2.38)	1.8 (6.56)	–				
	JQ38	39 (1.54)	51-91 (2.01-3.58)	Ø35 (1.38)	53 (2.09)	77-117 (3.03-4.61)	75-200 (2.95-7.87)	30 (1.18)	8.0 (5.44)	2.5 (8.20)	暂定 Temporary 60m				
	JF38	39.4 (1.55)	51-91 (2.01-3.58)	Ø35 (1.38)	53 (2.09)	77-117 (3.03-4.61)	125-200 (4.92-7.87)	30 (1.18)	8.0 (5.44)	2.5 (8.20)	暂定 Temporary 60m				
	JQ48	48 (1.89)	51-176 (2.01-6.93)	Ø44 (1.73)	66.8 (2.63)	81-206 (3.19-8.11)	75-250 (2.95-9.84)	35 (1.38)	15 (10.2)	3.0 (9.84)	暂定 Temporary 80m				
	JQ58	58 (2.28)	51-176 (2.01-6.93)	Ø54 (2.13)	76.8 (3.02)	89-214 (3.50-8.43)	115-350 (4.53-13.78)	40 (1.57)	35 (23.8)	4.2 (13.78)	暂定 Temporary 100m				
ZF · ZQ系列拖链 ZF · ZQ series cable chain															
	ZQ28	28.2 (1.11)	41-126 (1.61-4.96)	Ø25 (0.98)	43 (1.69)	61-146 (2.40-5.75)	55-250 (2.17-9.84)	46 (1.81)	10 (6.8)	3.3 (10.82)	200m		I型 II型 III型 I type II type III type		107-156
	ZF28	28.2 (1.11)	41-126 (1.61-4.96)	Ø25 (0.98)	43 (1.69)	61-146 (2.40-5.75)	125-250 (4.92-9.84)	46 (1.81)	10 (6.8)	3.3 (10.82)	200m				
	ZQ32	32 (1.26)	50-150 (1.97-5.91)	Ø28 (1.10)	54 (2.13)	72-172 (2.83-6.77)	50-300 (1.97-11.81)	56 (2.20)	15 (10.2)	3.5 (11.48)	200m				
	ZF35	35 (1.38)	51-101 (2.01-3.98)	Ø32 (1.26)	58 (2.28)	77-127 (3.03-5.0)	150-300 (5.91-11.81)	71 (2.80)	20 (13.6)	3.8 (12.46)	250m				
	ZQ35	35 (1.38)	76-401 (2.99-15.79)	Ø32 (1.26)	58 (2.28)	102-427 (4.02-16.81)	75-300 (2.95-11.81)	71 (2.80)	20 (13.6)	3.8 (12.46)	300m				
	ZQ42	42 (1.65)	50-175 (1.97-6.89)	Ø38 (1.50)	64 (2.52)	76-201 (2.99-7.91)	75-350 (2.95-13.78)	67 (2.64)	38 (25.84)	4.3 (14.10)	300m				
	ZF45	45 (1.77)	76-126 (2.99-4.96)	Ø42 (1.65)	68 (2.68)	104-154 (4.09-6.06)	150-300 (5.91-11.81)	81 (3.19)	45 (30.6)	4.5 (14.76)	350m				
	ZQ45	45 (1.77)	76-401 (2.99-15.79)	Ø42 (1.65)	68 (2.68)	104-429 (4.09-16.89)	100-300 (3.94-11.81)	81 (3.19)	45 (30.6)	4.5 (14.76)	350m				
	ZF55	55 (2.17)	96-151 (3.78-5.94)	Ø50 (1.97)	84 (3.31)	126-181 (4.96-7.13)	135-500 (5.31-19.69)	91 (3.58)	63 (42.84)	5.0 (16.4)	400m				
	ZQ55	55 (2.17)	101-401 (3.98-15.79)	Ø50 (1.97)	84 (3.31)	130-430 (5.12-16.93)	135-500 (5.31-19.69)	91 (3.58)	63 (42.84)	5.0 (16.4)	400m				
	ZQ56	56 (2.20)	75-300 (2.95-11.81)	Ø50 (1.97)	86.4 (3.40)	105-330 (4.13-12.99)	135-500 (5.31-19.69)	91 (3.58)	63 (42.84)	5.3 (17.38)	400m				



Krius® 拖链目录 Cable Chain Contents

图片 Picture	类型 Type	内高Hi Inner height (mm in.)	内宽Wi Inner width (mm in.)	线缆最大直径Ø Cable max Ø (mm in.)	外高H Outer height (mm in.)	外宽W Outer width (mm in.)	弯曲半径R Bending radius (mm in.)	节距 P Pitch (mm in.)	架空最大承重 Unsupported fill weight max(kg/m lbs/ft)	最大架空长度LA Unsupported length max(m ft.)	滑行应用最大长度 Gliding applications length max≤[m]	打开方式 Opening design	内部分隔方式 Interior separation type	备注 Remark	页码 Page
HQ · HF系列拖链 HQ · HF series cable chain														技术参数 Technical parameters	
	HF38	39.5 (1.56)	76-101 (2.99-3.98)	Ø35 (1.38)	65 (2.56)	108-133 (4.26-5.24)	150-200 (5.91-7.87)	70 (2.76)	20 (13.6)	3.8 (12.46)	250m		I型 II型 III型 I type II type III type	 W Wi H Hi 线缆 Cable	157-198
	HQ38	39.5 (1.56)	76-401 (2.99-15.79)	Ø35 (1.38)	65 (2.56)	108-433 (4.26-17.05)	75-200 (2.95-7.87)	70 (2.76)	20 (13.6)	3.8 (12.46)	250m				
	HF48	48.8 (1.92)	151-301 (5.94-11.85)	Ø44 (1.73)	74 (2.91)	185-335 (7.28-13.19)	150-400 (5.91-15.76)	80 (3.15)	45 (30.6)	4.6 (15.09)	300m				
	HQ48	48.8 (1.92)	76-401 (2.99-15.79)	Ø44 (1.73)	74 (2.91)	110-435 (4.33-17.13)	150-400 (5.91-15.76)	80 (3.15)	45 (30.6)	4.6 (15.09)	300m				
	HF58	59.5 (2.34)	150-300 (5.91-11.82)	Ø54 (2.13)	89.8 (3.54)	190-340 (7.49-13.39)	200-400 (7.87-15.75)	90 (3.54)	65 (44.2)	5.3 (17.38)	350m				
	HQ58	59.5 (2.34)	100-400 (3.94-15.76)	Ø54 (2.13)	89.8 (3.54)	140-440 (5.52-17.33)	150-400 (5.91-15.75)	90 (3.54)	65 (44.2)	5.3 (17.38)	350m				
	HF68	68 (2.68)	130-300 (5.13-11.82)	Ø60 (2.36)	98.5 (3.88)	173-343 (6.83-13.52)	200-500 (7.87-19.69)	100 (3.94)	70 (47.6)	5.5 (18.04)	400m				
	HQ68	68 (2.68)	100-400 (3.94-15.76)	Ø60 (2.36)	98.5 (3.88)	143-443 (5.64-17.64)	200-500 (7.87-19.69)	100 (3.94)	70 (47.6)	5.5 (18.04)	400m				
	HQ88	92 (3.62)	102-402 (4.02-15.82)	Ø80 (3.15)	135 (5.31)	146-446 (5.75-17.56)	200-500 (7.87-19.69)	128 (3.94)	83 (56.44)	6.5 (21.32)	450m				
CL桥式铝塑拖链 CL bridge type aluminium and plastic cable chain														 P R	
	CL40	40 (1.57)	80-400 (3.15-15.75)	Ø37 (1.46)	69 (2.72)	122-442 (4.80-17.40)	75-250 (2.95-9.84)	70 (2.76)	25 (17.00)	3.8 (12.46)	250m		I型 II型 I type II type		199-226
	CL46	46 (1.81)	80-400 (3.15-15.75)	Ø42 (1.65)	79 (3.11)	126-446 (4.96-17.56)	75-400 (2.95-15.75)	78 (3.07)	30 (20.4)	4.3 (14.10)	300m				
	CL66	66 (2.60)	100-600 (3.94-23.62)	Ø60 (2.36)	106 (4.17)	154-654 (6.06-25.75)	150-300 (5.91-19.69)	99 (3.9)	45 (30.6)	5.1 (16.73)	400m				
	CL88	89 (3.50)	100-600 (3.94-23.62)	Ø80 (3.15)	139 (5.47)	144-644 (5.67-25.35)	200-500 (7.87-19.69)	128 (5.04)	83 (56.44)	6.5 (21.32)	450m				
	CL108	110 (4.34)	150-650 (5.91-25.59)	Ø100 (3.94)	165.5 (6.52)	202-702 (7.95-27.64)	200-600 (7.87-23.62)	155 (6.10)	83 (56.44)	7.1 (23.29)	500m				
	CL110	110 (4.34)	150-650 (5.91-25.59)	Ø100 (3.94)	165.5 (6.52)	202-702 (7.95-27.64)	200-600 (7.87-23.62)	155 (6.10)	93 (63.24)	7.3 (23.94)	500m				
强力型多功能拖链 Heavy loading type multifunctional cable chain														内部分隔方式 Interior separation type	
	ZLQ55	55 (2.17)	75-600 (2.95-23.62)	Ø50 (1.97)	84 (3.31)	123-648 (4.84-25.51)	130-400 (5.12-15.75)	91 (3.58)	65 (44.2)	5.3 (17.38)	400m		I型 II型 III型 I type II type III type	I型 I type 	227-262
	ZHQ55	55 (2.17)	75-600 (2.95-23.62)	Ø50 (1.97)	99 (3.90)	173-698 (6.81-27.48)	130-400 (5.12-15.75)	91 (3.58)	65 (44.2)	5.3 (17.38)	400m				
	ZLQ62	62 (2.44)	75-600 (2.95-23.62)	Ø56 (2.20)	91 (3.58)	119-644 (4.69-25.35)	150-1000 (5.91-39.37)	98 (3.86)	70 (47.6)	5.3 (17.38)	450m				
	ZLF62	62 (2.44)	150-200 (5.91-7.87)	Ø56 (2.20)	91 (3.58)	194-244 (7.64-9.60)	250-1000 (9.84-39.37)	98 (3.86)	70 (47.6)	5.3 (17.38)	450m				
	ZHQ62	62 (2.44)	75-600 (2.95-23.62)	Ø56 (2.20)	106 (4.17)	169-694 (6.65-27.32)	150-1000 (5.91-39.37)	98 (3.86)	70 (47.6)	5.3 (17.38)	450m				
	ZLQ80	80 (3.15)	75-600 (2.95-23.62)	Ø72 (2.83)	109 (4.29)	123-648 (4.84-25.51)	150-1000 (5.91-39.37)	115 (4.53)	80 (54.4)	6.2 (20.34)	550m				
	ZLF80	80 (3.15)	150 (5.91)	Ø72 (2.83)	109 (4.29)	198 (7.80)	300-1000 (19.69-39.37)	115 (4.53)	80 (54.4)	6.2 (20.34)	550m				
	ZHQ80	80 (3.15)	75-600 (2.95-23.62)	Ø72 (2.83)	124 (4.88)	173-698 (6.81-27.48)	150-1000 (5.91-39.37)	115 (4.53)	80 (54.4)	6.2 (20.34)	550m				
TL系列钢制拖链 TL series steel cable chains														II型 II type  III型 III type 	
	TL30	10 (0.39)	订制 Customizable	Ø6 (0.24)	25 (0.98)	(Wi+8mm)	20 (0.79)	30 (1.18)	10 (6.8)	2.0 (6.56)	100m		I型 I type		263-270
	TL45	16 (0.63)		Ø12 (0.47)	32 (1.26)	(Wi+12mm)	50-145 (1.97-5.71)	45 (1.77)	20 (13.6)	2.5 (8.20)	150m				
	TL65	24 (0.94)		Ø27 (1.06)	44 (1.73)	(Wi+18mm)	75-185 (2.95-7.28)	65 (2.56)	30 (20.4)	3.0 (9.84)	150m				
	TL80	32 (1.26)		Ø27 (1.06)	56 (2.20)	(Wi+18mm)	100-300 (3.94-11.81)	80 (3.15)	45 (30.6)	4.0 (13.12)	200m				
	TL95	47 (1.85)		Ø48 (1.89)	70 (2.76)	(Wi+20mm)	115-300 (4.53-11.81)	95 (3.74)	60 (40.8)	4.5 (14.76)	200m				
	TL115	58 (2.28)		Ø50 (1.97)	86 (3.39)	(Wi+24mm)	145-350 (5.71-13.78)	115 (4.53)	80 (54.4)	6.0 (19.68)	200m				
	TL125	68 (2.68)		Ø60 (2.36)	100 (3.94)	(Wi+24mm)	200-750 (7.87-29.53)	125 (4.92)	88 (59.8)	7.5 (24.6)	200m				
	TL155	86 (3.39)		Ø74 (2.91)	120 (4.72)	(Wi+26mm)	200-600 (7.87-23.62)	155 (6.10)	100 (68)	9.0 (29.52)	250m				
	TL180	112 (4.41)		Ø100 (3.94)	144 (5.67)	(Wi+26mm)	250-650 (9.84-25.59)	180 (7.09)	115 (13.6)	10.5 (34.44)	250m				
	TL225	154 (6.06)		Ø130 (5.12)	200 (7.87)	(Wi+26mm)	400-1000(15.75-39.37)	225 (8.86)	130 (88.4)	11.5 (37.72)	300m				
	TL250	172 (6.77)		Ø150 (5.91)	220 (8.66)	(Wi+28mm)	400-1000(15.75-39.37)	250 (9.84)	140 (95.2)	13 (42.64)	350m				
TLG系列钢制拖链 TLG series steel cable chains															
	TLG75	32 (1.26)	订制 Customizable	Ø27 (1.06)	50 (1.97)	(Wi+19mm)	100-300 (3.94-11.81)	75 (2.95)	40 (27.2)	3.5 (11.48)	200m		I型 I type		271-278
	TLG100	51 (2.01)		Ø48 (1.89)	75 (2.95)	(Wi+26mm)	150-400 (5.91-15.75)	100 (3.94)	70 (47.6)	5.5 (18.04)	200m				
	TLG125	70 (2.76)		Ø66 (2.60)	100 (3.94)	(Wi+34mm)	200-500 (7.87-19.69)	125 (4.92)	88 (59.8)	7.5 (24.6)	200m				
	TLG175	114 (4.49)		Ø108 (4.25)	144 (5.67)	(Wi+38mm)	250-600 (9.84-23.62)	175 (6.89)	110 (74.8)	10 (32.8)	250m				

Krius® 科瑞斯

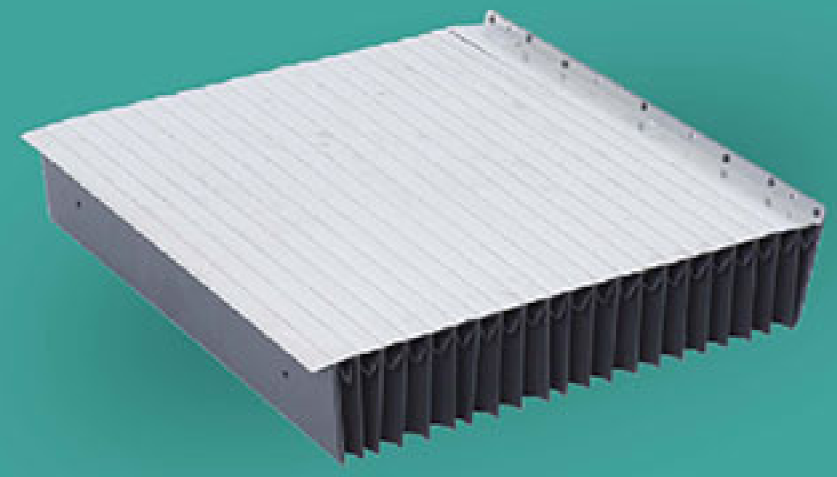

卧式加工中心防护罩
Integrated back wall guard


风琴防护罩
Flexible Bellow


铝帘
Aluminum shield brief


钢板防护罩
Telescopic Steel Guard


卷帘
Roller cover



BELLOW cover
防护罩系列

Krius® Bellow cover

应用 Application

Krius®生产的防护罩是能够严防外界灰尘、杂物、铁屑、沙粒等落入轨道，防止其对导轨或丝杠表面的划伤，进而减少因导轨或丝杠的变形而导致机床的加工精度收到影响的情况。我公司生产的防护罩采用优质面料、PVC及钢材，人性化设计，其外观美观大方，表面光滑无毛刺及尖锐棱角，结实耐用，易于安装，便于设备的检查和维修，是各类机床、医疗器械等的最理想的选择。

Krius® bellow cover are to prevent dust, chips, iron slag, sandy from Slide guide rail, to protect the guide rail and screw guide from damage.It will reduce the circumstances of machine precision reducing caused By guide rail and screw guide deformation.Our bellow cover Use high quality fabrics, PVC and steel flange etc., it show the "user-friendly design" with elegant appearance, It is very robust and longer using life span, and also, it is very easy to install, inspect and Maintenance. We are the best choice for your different equipment.

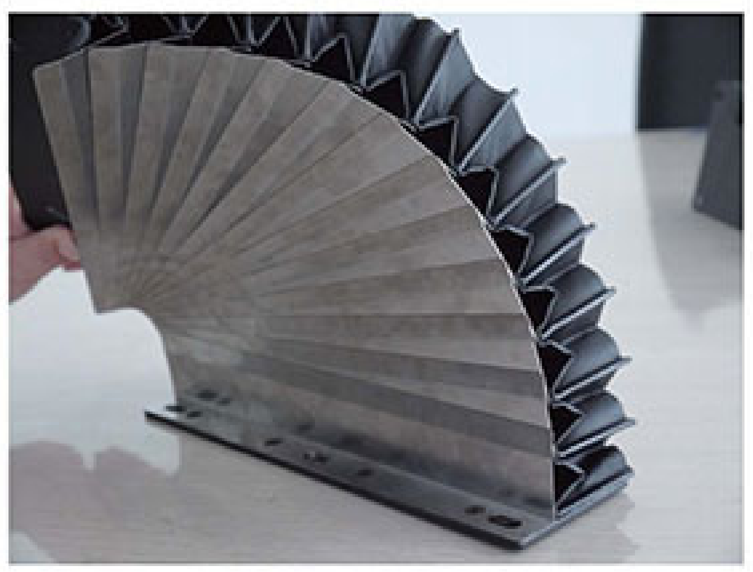
类型 Different structure

防护罩的类型呈现多样化，Krius®防护罩大致可分为以下类型：

- 卧式加工中心防护罩
- 柔性风琴式防护罩
- 柔性盔甲式防护罩
- 钢板防护罩
- 卷帘
- 铝帘
- 根据不同机型设计并订制适用防护罩

We have so many different structure, it is difficult to unify them into one, Basically it include below:

- Integrated backwall guard
- Flexible accordion bellow
- Flexible armour bellow
- Telescopic steel guard
- Steel shield
- Aluminium shield
- Bellow can be customzied referring to the different machine type

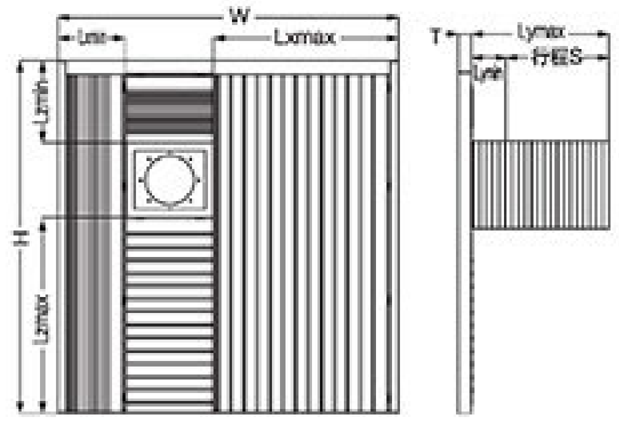


卧式加工中心(简称“卧加”)防护罩

Integrated backwall guard

- 特点：卧加防护罩是现有防护罩类型中较为先进的一种形式，它能弥补其它防护罩不能解决的问题，能够更为有效地起到防护作用，以保证加工中心的加工精度，同时也能提高其美感。
- 类型：根据加工中心的使用范畴，可以将其大致分为钢板式和盔甲式两种；前者多用于铸造加工场合，后者多用于切削液较多，行程大，速度快的加工中心机床上。

- The kind of the guard have the cutting edge technology, It has enough protection for maching center and ensure the high Precision, and it has the better vision
- The iron plate guard is mainly for casting machine; the steel sheet is cutting fluid machine, long travel distance and larger machining center



卧加防护罩订购参数表及回执单
Integrated backwall guard order details

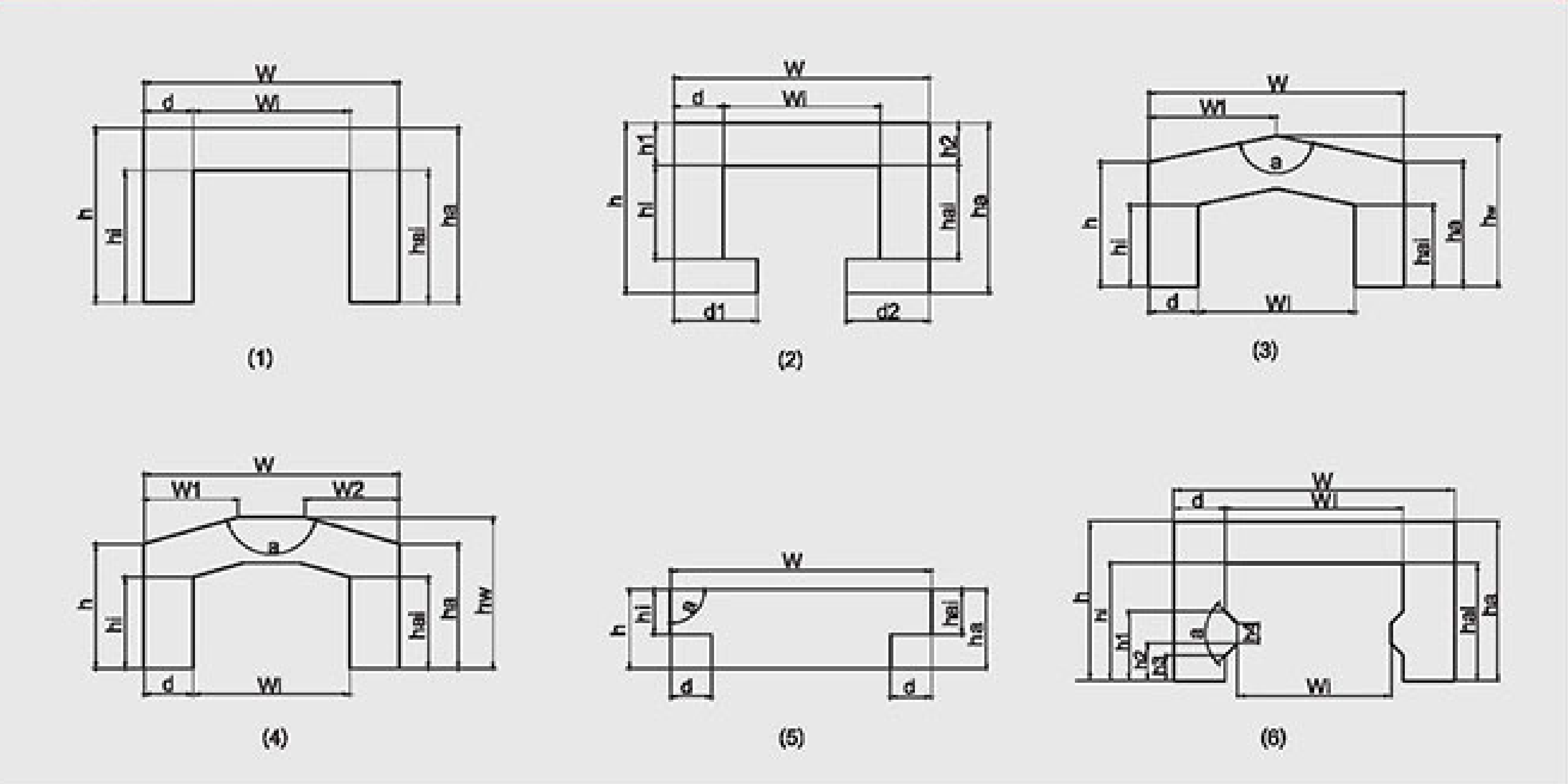
参数代码 Code	参数名称 Des	参数值 Figure	检测结果(我司填写) Test result by Kirus	备注 Remark	说明 Remark
Lxmax	X轴最大拉伸 X axle max stretched out length				机床的运行范围（必填） Machine travel range（Not null）
Lxmin	X轴最小压缩 X axle min compressed length				
Lymax	Y轴最大拉伸 Y axle max stretched out length				
Lymin	Y轴最小压缩 Y axle min compressed length				
Lzmax	Z轴最大拉伸 Z axle max stretched out length				
Lzmin	Z轴最小压缩 Z axle min compressed length				
S	防护罩行程（X/Y/Z） Travel distance for x/y/z				机床的最大行程（可选） Machine max distance（Optional）
W	横梁宽度 Transom width				必填 Not null
H	立柱高度 Upright height				必填 Not null
T	横梁/立柱厚度 Transom/upright thickness				≥70mm（必填） ≥70mm（Not null）
	附件选配 Accessories need				可选 Optional
	防护罩材质 material of cover				材质/表面处理（可选） Material and surface treatment（Optional）
	导轨型号 Guide rail item No.		–		型号或尺寸（附图）（必填 Not null / attched）
	机床运行速度 Running speed		–		必填 Not null
	安装方式 Assemble way		–		水平/垂直/其它（可选） Vertical/horizontal/others（Optional）
	安装机台型号 Equipment item No.		–		可选 Optional
	使用环境 Enviorment		–		是否有大量碎屑（可选） Scrap or not（Optional）
订货单位 Company name			送货地址 Company address		
联系方式 Contact way			送货方式 Shipping way	□空运Air □加急Urgent	□陆运Freight □其它Others_______

- 订购时需提供上述数据、CAD图纸或机床三维图（.stp / .x-t / .igs 等格式），我司方可进行评估设计
  Pls offer above demensions,CAD drawings or Machine 3D drawings(.stp or .x-t or .igs), then our engineer can design
- 如订购防护罩有特殊要求，请在备注栏填写或直接与我司进行联系沟通；若无要求，则按照我司标准制作
  Pls remark if you have speical demand, or we will follow Krius regulation
- 导轨部分防护设计需提供详细图纸说明
  Krius need detailed drawings for the protected pars of machine
- 如订购方提供完整防护罩图纸，请注明与导轨之间是否留有余量
  Pls mark are there some tolerance for guide rail and bellow cover if customer offer complete drawings
- 我方在送货时会将此单随产品一起发出
  We will take the order details with goods shippment together

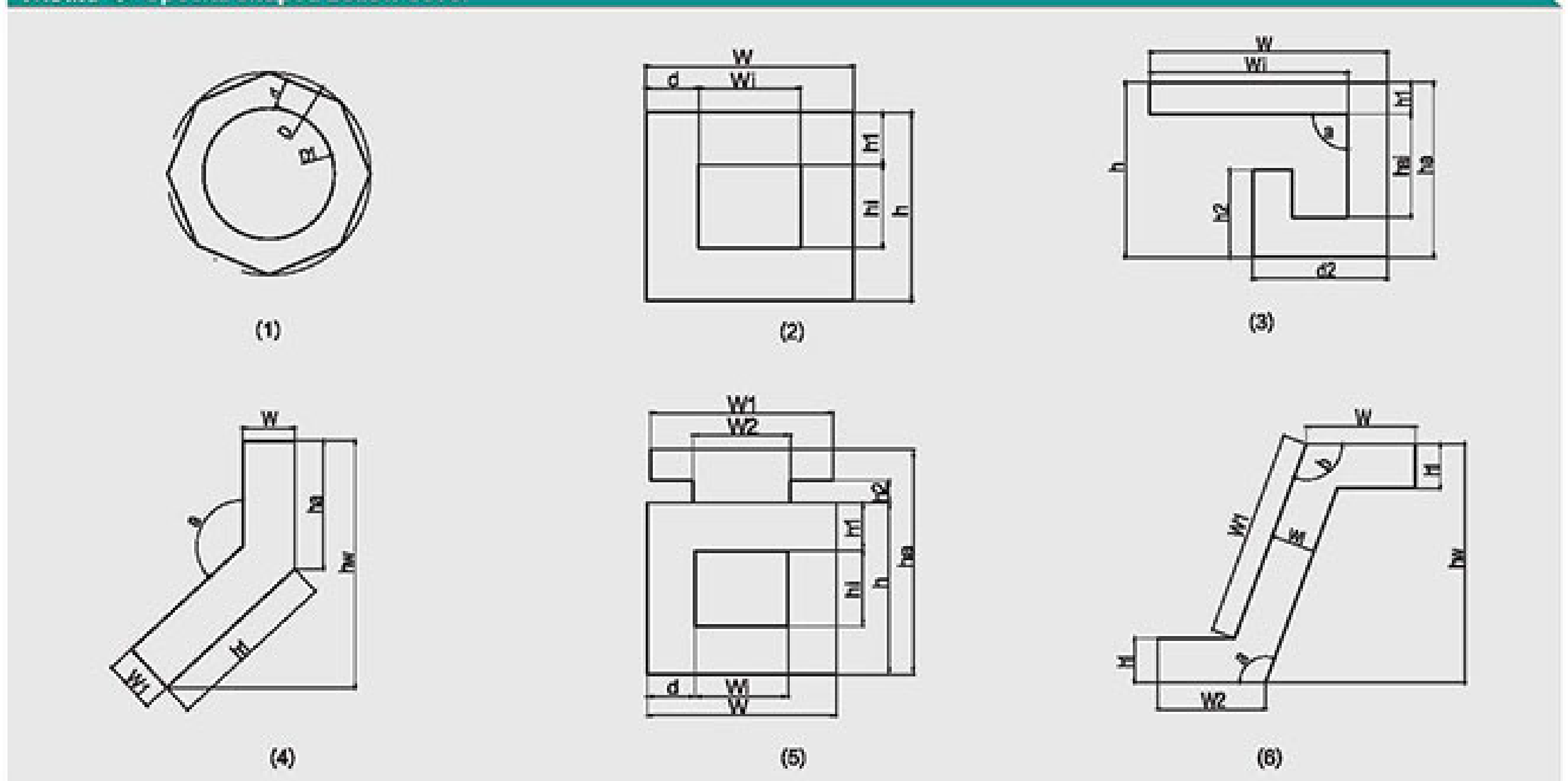
柔性风琴式防护罩
Flexible Accordion Bellow

该类防护罩可根据不同应用环境进行非标订制，并提供需要防护部位的详细图纸（局部三维图纸最佳）
This type of bellow can be customized referring to different application and enviroment,and it is better if customer can offer detailed protected part drawings

基本形状 Basic structure

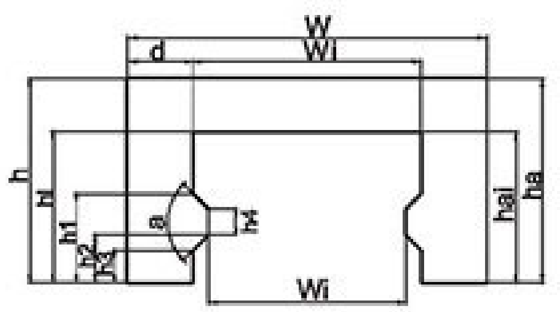


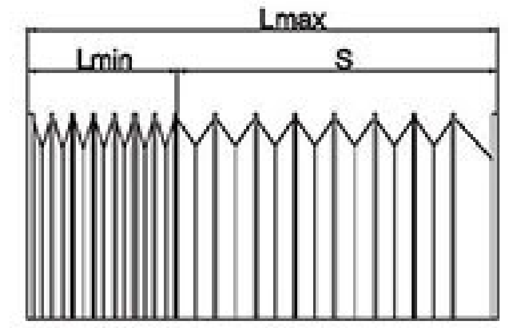
异形防护罩 Special shaped bellow cover

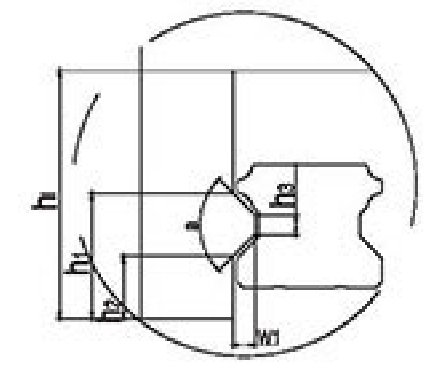


我公司生产制作的防护罩，可以根据不同的客户需求提供满足要求的产品，如有任何疑问，请及时向 Krius® 人员进行咨询
All can be customized. Contact our staff if you have any query

柔性风琴式防护罩订购参数表及回执单
Flexible bellow order details



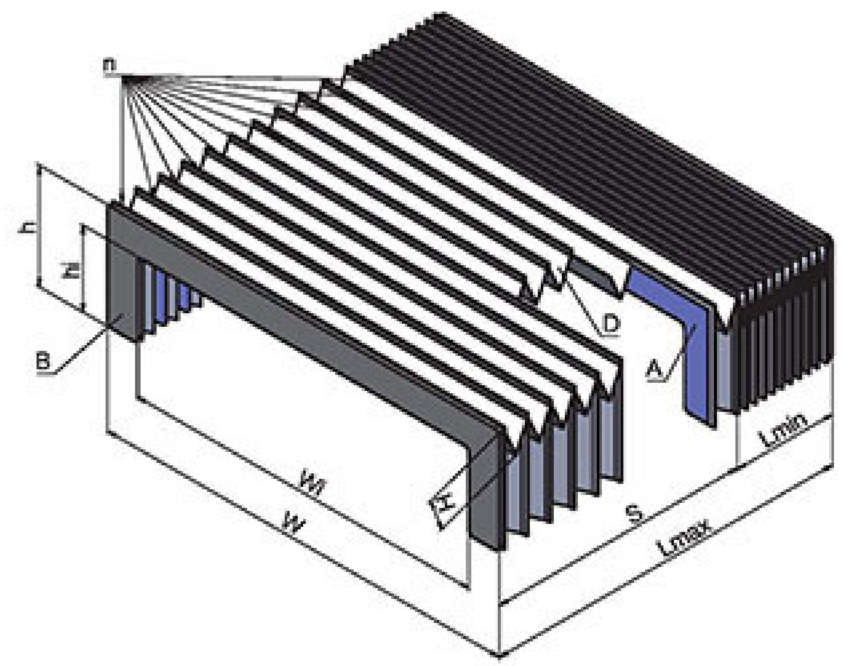




参数代码 Code	参数名称 Des	参数值 Figure	检测结果(我司填写) Test result by Krius	备注 Remark	说明 Remark
Lmax	防护罩最大拉伸 Stretched out length				机床的运行范围（必填） Machine travel range（Not null）
Lmin	防护罩最小压缩 Compressed length				
S	防护罩行程 Travel distance				机床的最大行程（可选） Machine max distance（Optional）
W	防护罩外宽 Outer width				必填 Not null
Wi	防护罩内宽 Inner width				必填 Not null
h	防护罩外高 Outher height				必填 Not null
hi	防护罩内高 Inner height				必填 Not null
H	防护罩折高 Folding height				范围:10mm-55mm（可选） Range:10mm-55mm（Optional）
B	连接法兰 Flange material				材质/表面处理（可选） Material and surface treatment（Optional）
	防火要求 Fire-resistant or not	□是Yes □否No	□是Yes □否No		可选 Optional
	导轨型号 Guide rail item No.		–		型号或尺寸（附图）（必填 Not null / attched）
	机床运行速度 Running speed		–		必填 Not null
	安装方式 Assemble way		–		水平/垂直/其它（可选） Vertical/horizontal/others（Optional）
	安装机台型号 Equipment item No.		–		可选 Optional
	使用环境 Enviorment		–		是否有大量碎屑（可选） Scrap or not（Optional）
订货单位 Company name			送货地址 Company address		
联系方式 Contact way			送货方式 Shipping way	□空运 Air □加急 Urgent	□陆运 Freight □其它 Others______

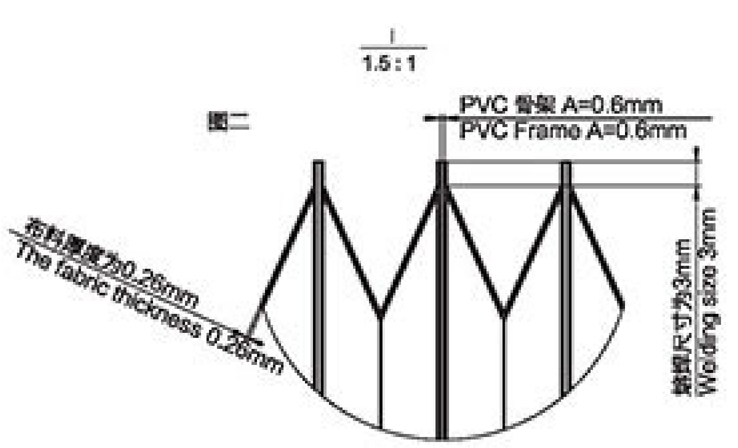
- 订购时需提供上述数据、CAD图纸或机床三维图（.stp / .x-t / .igs 等格式），我司方可进行评估设计
  Pls offer above demensions,CAD drawings or Machine 3D drawings(.stp or .x-t or .igs), then our engineer can design
- 如订购防护罩有特殊要求，请在备注栏填写或直接与我司进行联系沟通；若无要求，则按照我司标准制作
  Pls remark if you have speical demand, or we will follow Krius regulation
- 导轨部分防护设计需提供详细图纸说明
  Krius need detailed drawings for the protected pars of machine
- 如订购方提供完整防护罩图纸，请注明与导轨之间是否留有余量
  Pls mark are there some tolerance for guide rail and bellow cover if customer offer complete drawings
- 我方在送货时会将此单随产品一起发出
  We will take the order details with goods shippment together

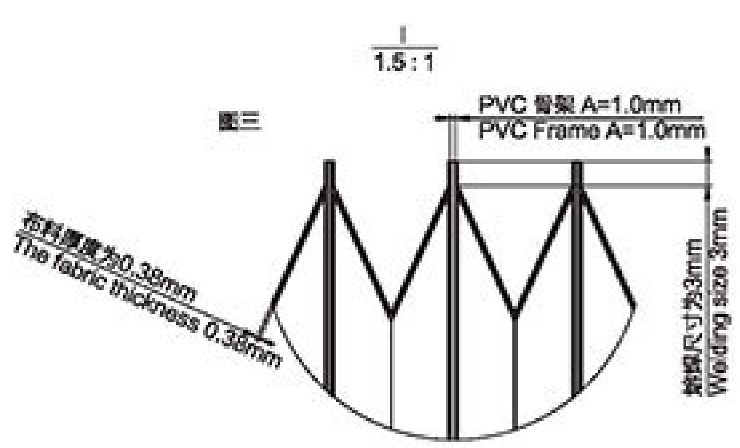
风琴防护罩技术参数示意图
Flexible accordion bellow parameter diagram



Lmax=防护罩的最大拉伸	Lmax=Max stretched out length
Lmin=防护罩的最小压缩	Lmin=Min Compressed length
S=行程长度	S=Travel distance
W=防护罩外宽	W=outer width
Wi=防护罩内宽	Wi=Inner width
h=防护罩外高	h=Outer height
hi=防护罩内高	hi=Inner height
H=防护罩的折高	H=Folding height
n=防护罩的折数	n=Folding qty
D=防护罩的布料	D=Bellow fabric
A=防护罩骨架	A=Bellow supporter
B=防护罩两端法兰	B=Two end flange

H≤h-hi或H≤(W-Wi)/2（两侧对称）；若无特殊说明，防护罩两端法兰均采用Q235材质
H≤h-hi or H≤(W-Wi)/2 (two side symmetry) ;We will use Q235 for two end flange if no special demand





快速查看防护罩参数（表二）
Book2 quick view of bellow cover parameter

H / Lmax \ Lmin	10	15	20	25	30	35	40	45	50	55
100	37	22	19	16	13	13	13	13	13	10
150	53	31	22	19	16	16	16	13	13	13
200	68	37	28	22	19	19	16	16	16	13
250	83	46	34	28	22	22	19	19	16	16
300	99	53	37	31	25	22	22	19	19	16
350	114	62	43	34	28	25	22	22	19	19
400	130	68	50	37	31	28	25	22	22	19
450	145	77	53	43	34	31	28	25	22	22
500	160	83	59	46	37	34	31	28	25	22
550	176	92	65	50	40	37	31	28	28	25
600	191	99	68	53	43	37	34	31	28	25
650	207	108	74	59	46	40	37	34	31	28
700	222	114	80	62	50	43	37	34	31	28
750	238	123	83	65	53	46	40	37	34	31
800	253	130	89	68	56	50	43	37	34	31
850	268	139	96	74	59	50	46	40	37	34
900	284	145	99	77	62	53	46	43	37	34
950	300	154	105	80	65	56	50	43	40	37
1000	315	160	111	83	68	59	53	46	43	37
1500	462	238	150	123	99	83	74	65	59	53
2000	622	315	213	160	130	111	96	83	77	68
2500	776	391	265	201	160	136	117	105	92	83
3000	930	462	315	238	191	160	139	123	111	99
3500	1084	545	367	277	222	188	160	142	127	114
4000	1238	622	419	315	253	213	185	160	145	130
4500	1392	699	462	355	284	238	207	182	160	145
5000	1546	776	521	391	315	265	228	201	179	160

以上数据均以图二中的参数为依据所得，均为最值尺寸 All above figure is Max or Min demensions referring to the chart 2

快速查看防护罩参数（表三）
Book3 quick view of bellow cover parameter

H / Lmax \ Lmin	10	15	20	25	30	35	40	45	50	55
100	47	27	23	18	15	15	15	15	15	11
150	67	39	27	23	18	18	18	15	15	15
200	87	47	35	27	23	23	18	18	18	15
250	107	59	43	35	27	27	23	23	18	18
300	127	67	47	39	31	27	27	23	23	18
350	147	79	55	43	35	31	27	27	23	23
400	167	87	63	47	39	35	31	27	27	23
450	187	99	67	55	43	39	35	31	27	27
500	208	107	75	59	47	43	39	35	31	27
550	228	119	83	63	51	47	39	35	35	31
600	248	127	87	67	55	47	43	39	35	31
650	268	139	95	75	59	51	47	43	39	35
700	289	147	103	79	63	55	47	43	39	35
750	309	159	107	83	67	59	51	47	43	39
800	329	167	115	87	71	63	55	47	43	39
850	349	179	123	95	75	63	59	51	47	43
900	369	187	127	99	79	67	59	55	47	43
950	389	199	135	103	83	71	63	55	51	47
1000	410	207	143	107	87	75	67	59	55	47
1500	612	309	208	159	127	107	95	83	75	67
2000	814	410	277	208	167	143	123	107	95	87
2500	1016	511	346	261	208	176	152	135	119	107
3000	1218	612	410	309	248	208	180	159	143	127
3500	1420	713	479	362	289	245	208	184	164	147
4000	1622	814	548	410	329	277	241	208	187	167
4500	1824	915	612	463	369	309	268	237	208	187
5000	2026	1016	681	511	410	346	297	260	233	208

以上数据均以图三中的参数为依据所得，均为最值尺寸 All above figure is Max or Min demensions referring to the chart 3

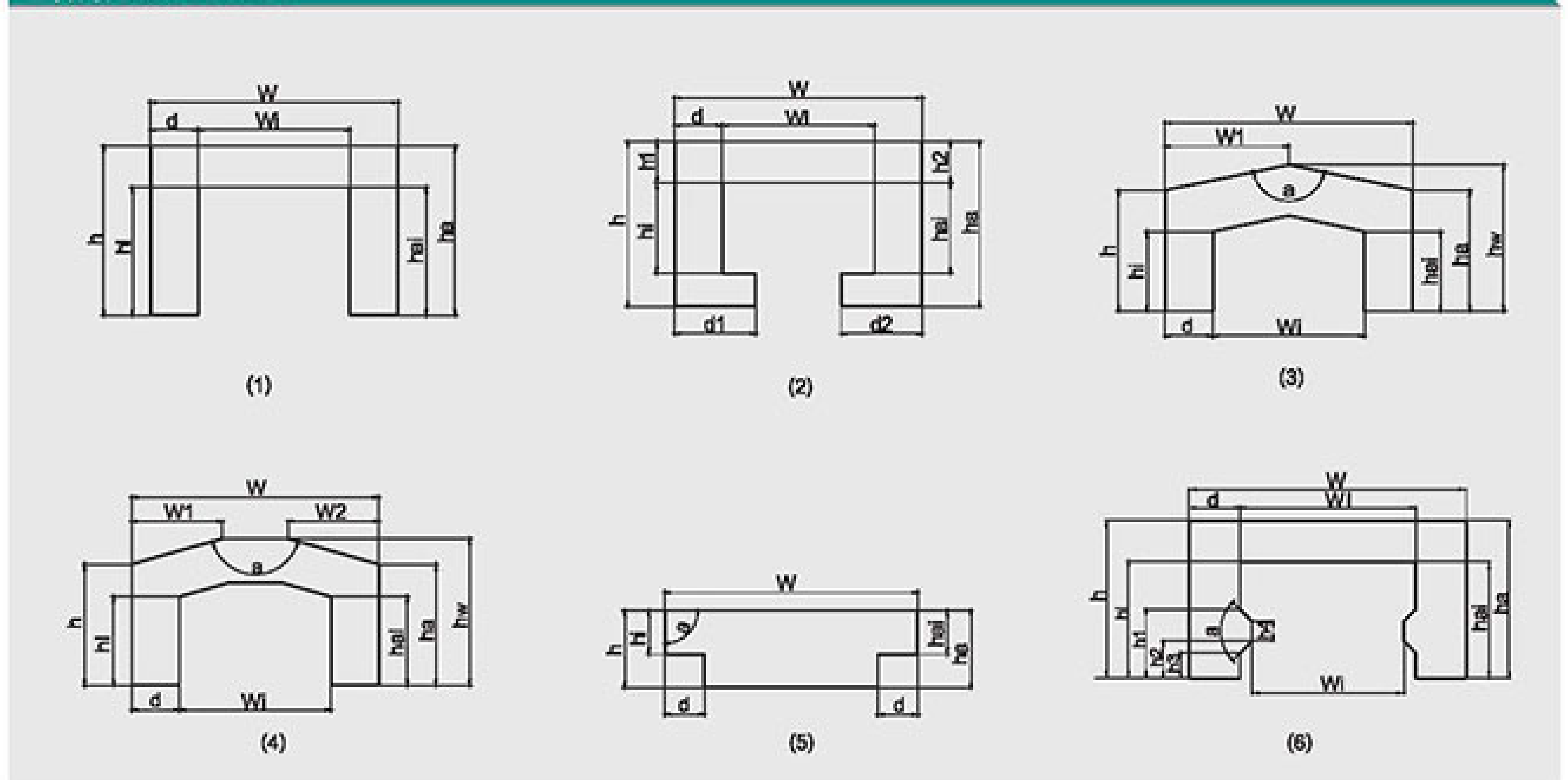
本计算参数表，是在防护罩没有任何附件的情况下所得，如有特殊要求，请及时咨询 Krius® 人员
It has not any accessories, if you have demand on them ,please contact Krius staff

柔性风琴式防护罩 Flexible Accordion Bellow
柔性风琴式防护罩 Flexible Accordion Bellow

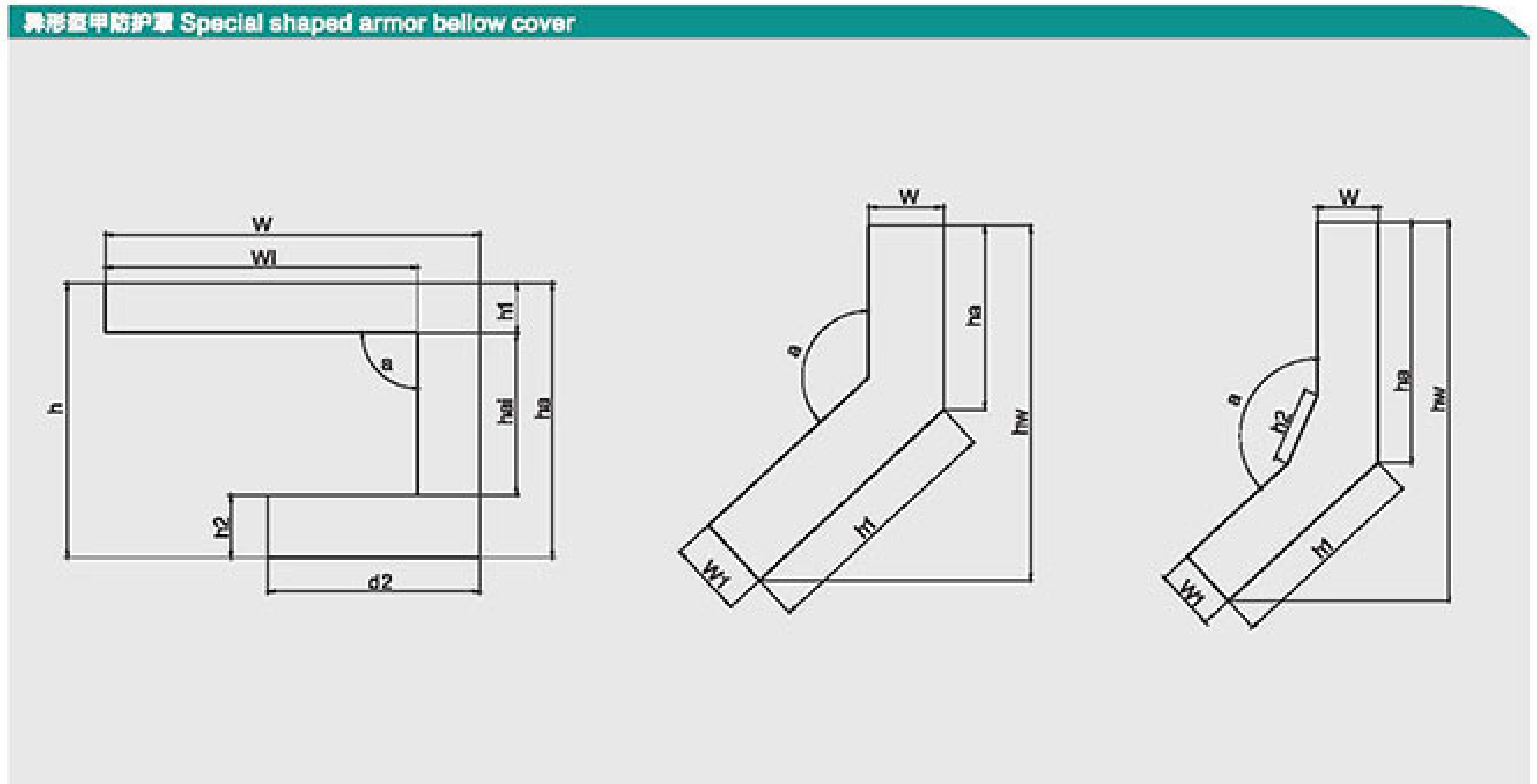
柔性盔甲式防护罩
Flexible armour bellow

该类型防护罩呈现多种变化形态，可以根据机床安装要求的变化而随之改变。
It has so many different structure and it need to be customized

基本形状 Basic structure

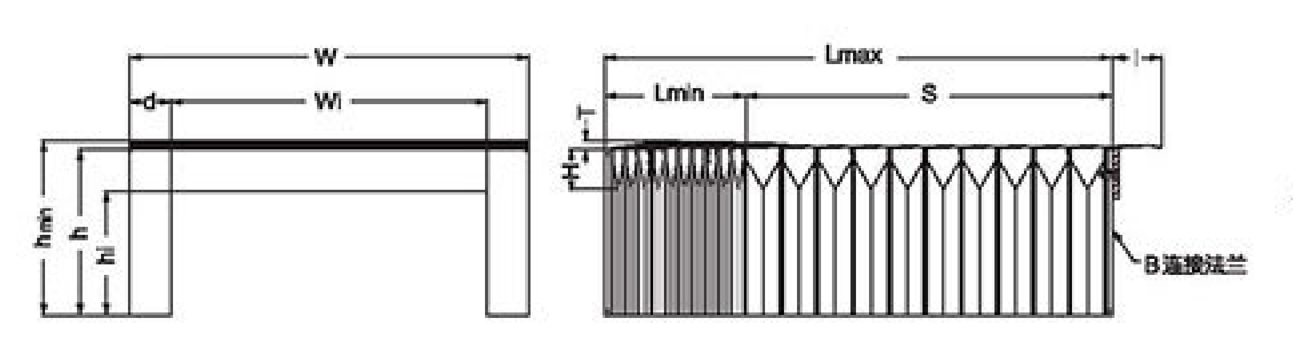


异形盔甲防护罩 Special shaped armor bellow cover



我公司生产制作的防护罩，可以根据不同的客户需求提供满足要求的产品，如有任何疑问，请及时向 Krius® 人员进行咨询
All can be customized. Contact our staff if you have any query

柔性盔甲式防护罩订购参数表及回执单
Flexible bellow order details



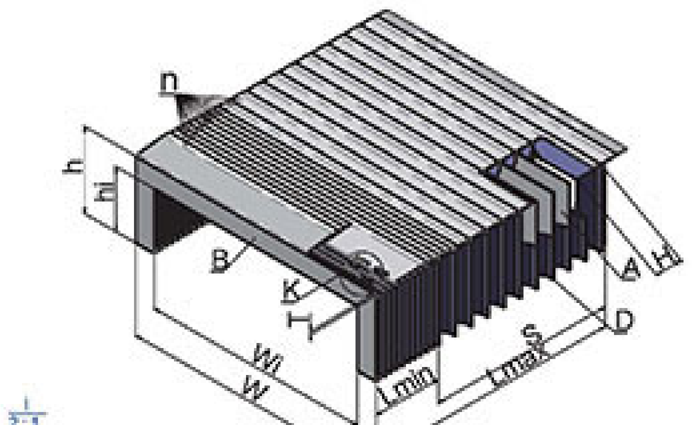
参数代码 Code	参数名称 Des	参数值 Figure	检测结果(我司填写) Test result by Kirus	备注 Remark	说明 Remark
Lmax	防护罩最大拉伸 Stretched out length				机床的运行范围（必填） Machine travel range（Not null）
Lmin	防护罩最小压缩 Compressed length				
S	防护罩行程 Travel distance				机床的最大行程（可选） Machine max distance（Optional）
l	盔甲片伸出长度 Upper steel tail part length				可选 Optional
W	防护罩外宽 Outer width				必填 Not null
Wi	防护罩内宽 Inner width				必填 Not null
h	防护罩外高 Outher height				必填 Not null
hi	防护罩内高 Inner height				必填 Not null
hmin	机床安装最小高度 The min height of machine assembling				可选 Optional
H	防护罩折高 Folding height				范围:10mm−55mm（可选） Range:10mm−55mm（Optional）
B	连接法兰 Flange material				材质/表面处理（可选） Material and surface treatment（Optional）
	防火要求 Fire−resistant or not	□是Yes □否No	□是Yes □否No		可选 Optional
	导轨型号 Guide rail item No.		−		型号或尺寸（附图）（必填 Not null / attched）
	机床运行速度 Running speed		−		必填 Not null
	安装方式 Assemble way		−		水平/垂直/其它（可选） Vertical/horizontal/others（Optional）
	安装机台型号 Equipment item No.		−		可选 Optional
	使用环境 Enviorment		−		是否有大量碎屑（可选） Scrap or not（Optional）
订货单位 Company name			送货地址 Company address		
联系方式 Contact way			送货方式 Shipping way	□空运 Air □加急 Urgent	□陆运 Freight □其它 Others____

- 订购时需提供上述数据、CAD图纸或机床三维图（.stp / .x−t / .igs 等格式），我司方可进行评估设计
  Pls offer above demensions,CAD drawings or Machine 3D drawings(.stp or .x−t or .igs), then our engineer can design
- 如订购防护罩有特殊要求，请在备注栏填写或直接与我司进行联系沟通；若无要求，则按照我司标准制作
  Pls remark if you have speical demand, or we will follow Krius regulation
- 导轨部分防护设计需提供详细图纸说明
  Krius need detailed drawings for the protected pars of machine
- 如订购方提供完整防护罩图纸，请注明与导轨之间是否留有余量
  Pls mark are there some tolerance for guide rail and bellow cover if customer offer complete drawings
- 我方在送货时会将此单随产品一起发出
  We will take the order details with goods shippment together

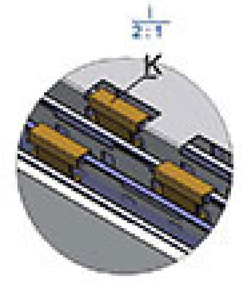
盔甲防护罩技术参数示意图
Armour bellow parameter diagram

K为盔甲片的卡扣，在伸缩空间不充足时，必须交叉装配
K is the joint snap for steel sheet, It need to assemble by cross when limited space

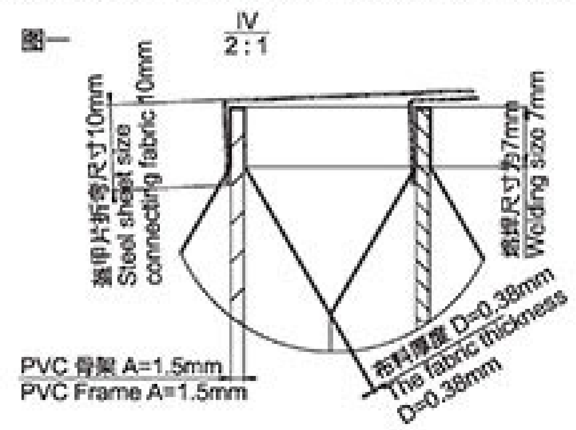
T为护罩压缩后盔甲片厚度
T is the upper steel tail part length



Lmax=防护罩的最大拉伸	Lmax=Max stretched out length
Lmin=防护罩的最小压缩	Lmin=Min Compressed length
S=行程长度	S=Travel distance
W=防护罩外宽	W=outer width
Wi=防护罩内宽	Wi=Inner width
h=防护罩外高	h=Outer height
hi=防护罩内高	hi=Inner height
H=防护罩的折高	H=Folding height
n=防护罩的折数	n=Folding qty
D=防护罩的布料	D=Bellow fabric
A=防护罩骨架	A=Bellow supporter
B=防护罩两端法兰	B=Two end flange



H≤h−hi或H≤(W−Wi)/2（两侧对称）；若无特殊说明，防护罩两端法兰均采用Q235材质，盔甲片为SUS304
H≤h−hi or H≤(W−Wi)/2 (two side symmetry); We will use Q235 for two end flange and armour steel part with sus 304 if no special demand



快速查看防护罩参数（表一）
Book1 quick view of bellow cover parameter

H / Lmax \ Lmin	15	20	25	30	35	40	45	50	55
100	56	31	26	21	16	16	16	16	16
150	81	46	31	26	21	21	21	16	16
200	106	56	41	31	26	26	21	21	21
250	131	71	51	41	31	31	26	26	21
300	156	81	56	46	36	31	31	26	26
350	181	96	66	51	41	36	31	31	26
400	206	106	76	56	46	41	36	31	31
450	231	121	81	61	51	46	41	36	31
500	256	131	91	71	56	51	46	41	36
550	281	146	101	76	61	56	51	46	41
600	306	156	106	81	66	61	56	51	46
650	331	171	116	91	71	66	61	56	51
700	356	181	126	96	76	71	66	61	56
750	381	206	141	101	81	76	71	66	61
800	406	216	146	106	86	81	76	71	66
850	431	231	156	111	91	86	81	76	71
900	456	246	166	116	96	91	86	81	76
950	481	256	171	121	101	96	91	86	81
1000	506	271	181	131	106	101	96	91	86
1500	–	–	256	196	156	131	116	101	91
2000	–	–	341	256	206	176	151	131	121
2500	–	–	426	321	256	216	186	166	146
3000	–	–	506	381	306	256	221	196	176
3500	–	–	591	446	356	296	256	226	201
4000	–	–	676	506	406	336	291	256	231
4500	–	–	756	571	456	376	326	291	256
5000	–	–	841	631	506	416	361	321	286

以上数据均以图一中的参数为依据所得，均为最值尺寸
All above figure is Max or Min demensions referring to the chart 1

钢板防护罩
Telescopic steel guard

结构 Structure

钢板防护罩主要由主面板、支撑板、滑片或滑轮、铰链机构、刮屑条、缓冲橡胶垫、护罩连接板等基本结构组装而成
It is made up of steel body, steel supporter, pulley, hinges, glue strip, rubber pad and connection flanges etc.

材质 Material

均采用国内外优质材料，常用的有SUS304、1Cr13、冷轧板等，并采用精度较高的激光切割机和精密数控折弯机进行加工
We use the high class material, i.e.sus304, 1Cr13,cold rolling etc., all of them was processed by high precision laser cutting machine and Amada bending machine

技术参数 Parameter

- 根据机床的实际运行范围和运行速度可计算较为准确的钢板护罩节数以及选用合理的附件(如：运行速度≤10m/min，可选用耐磨滑片或滚轮；运行速度≥36m/min,需选用铰链机构、铜轮等附件)；
- 一般情况下，钢板防护罩的节数应尽可能的少，这样既可以减小护罩的重量，降低成本，也可以提高其运行特性；
- 设计的伸缩比例一般在3:1~5:1之间

- We can calculate the guard pitch qty and accessories referring to the machine actual travel distance and running speed (I.E. Running speed ≤10m/min , we will take anti-friction plastic part and pulley, when ≥36m/min, we need take hinges and cooper wheels);
- Normally, the links of guard should be less to reduce the weight itself, quotation and of course, it can promote the speed ect
- The proportion between stretched out length and compressed length is 3:1~5:1

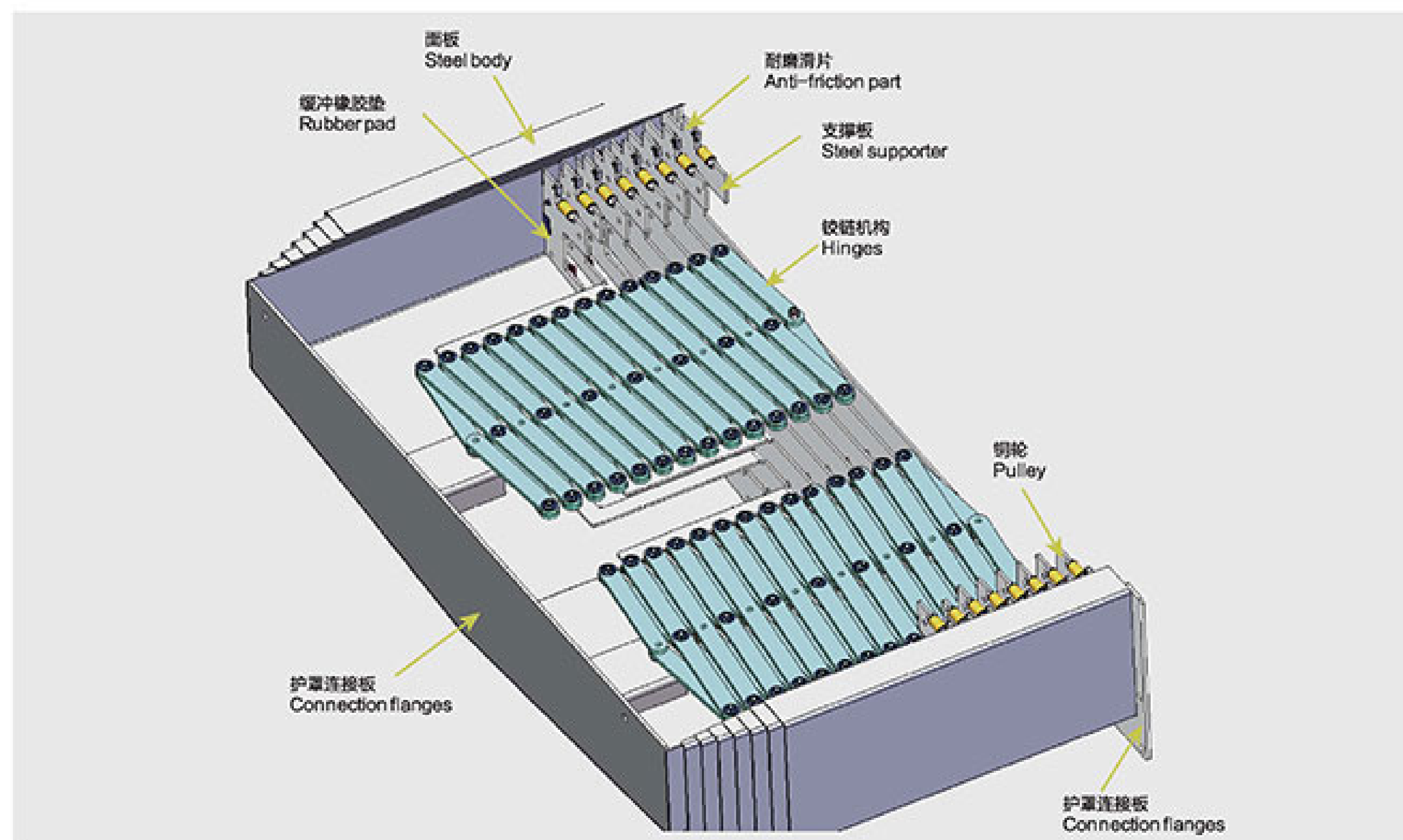
特点 Features

钢板防护罩的每一节之间的贴合度较为紧密，且不影响运行速度,能够更为有效的起到防尘、防铁屑、防冷却液等外界物体；其质量优，寿命长，外形美观，应用在机床上可以踩踏不变形

Every layer of telescopic cover is very close with quick speed, it has strong protection for chips, dusty, coolant etc. with higher quality and longer using life, the appearance is very elegant and not easy to deformation.

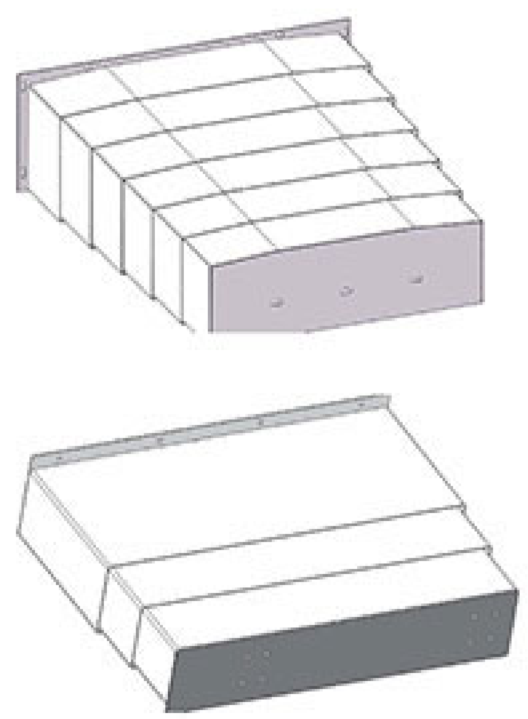
应用 Application

钢板防护罩以其优质的特性，被广泛应用在机械设备行业中,包括普通机床,数控机床,数控加工中心(立式、卧式)等
It had different wide industrial and equipment application which mainly included standard machine, CNC, machining center(vertical and horizontal)etc.

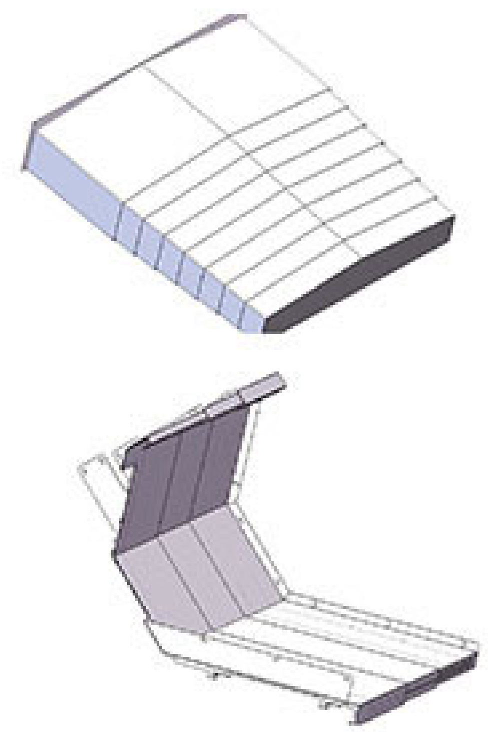


基本形状
Basic structure

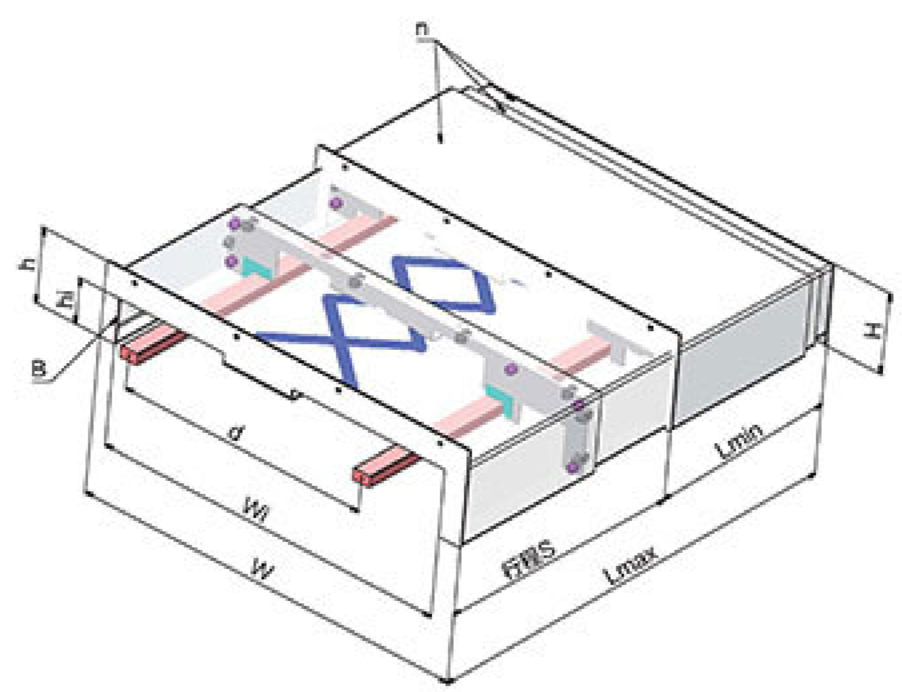
T1 一般钢板防护罩
Standard steel guard



T2 异形钢板防护罩（斜床身）
Non-standard steel guard (slope cnc)



钢板防护罩技术参数示意图
Steel guard parameter diagram

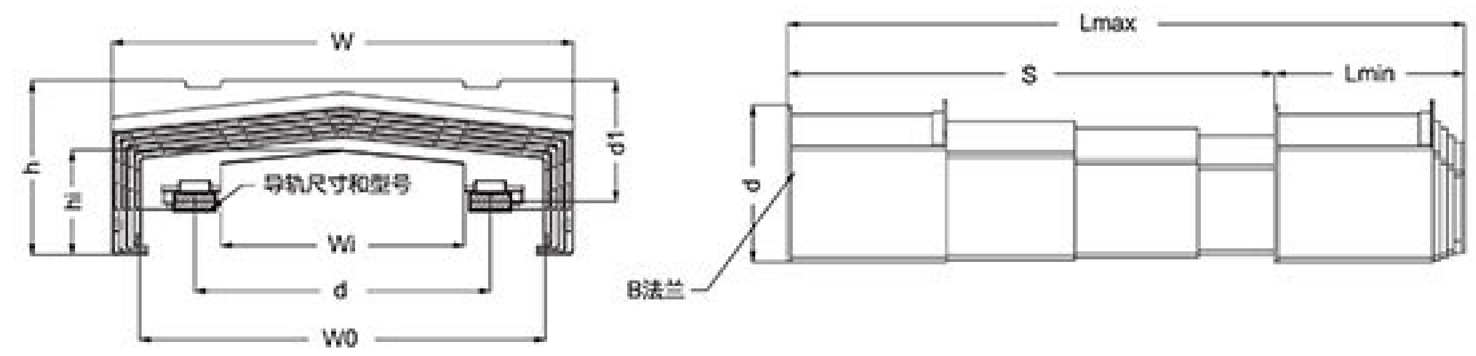


Lmax=防护罩的最大拉伸
Lmin=防护罩的最小压缩
S=行程长度
W=防护罩外宽
Wi=防护罩内宽
d=导轨中心距
h=防护罩外高
hi=防护罩内高
H=最小高度
n=防护罩的节数
B=防护罩两端法兰

Lmax=Max stretched out length
Lmin=Min Compressed length
S=Travel distance
W=outer width
Wi=Inner width
d=Guide rail center distance
h=Outer height
hi=Inner height
H=Min height
n=Folding qty
B=Two end flange

我公司生产制作的防护罩，可以根据不同的客户需求提供满足要求的产品，如有任何疑问，请及时向 Krius® 人员进行咨询
All can be customized. Contact our staff if you have any query

钢板防护罩订购参数表及回执单
Telescopic steel guard order details



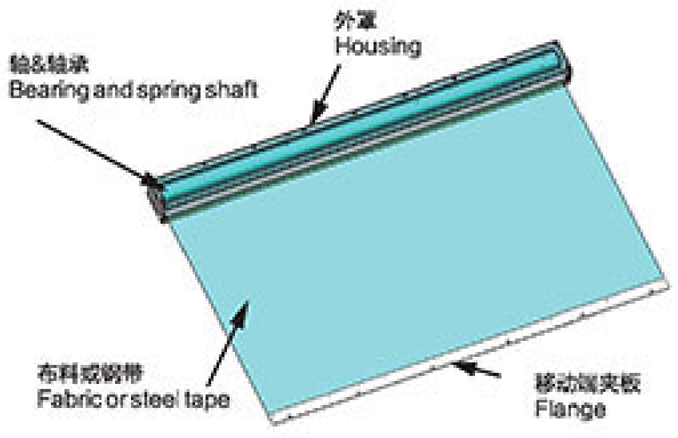
参数代码 Code	参数名称 Des	参数值 Figure	检测结果(我司填写) Test result by Kirus	备注 Remark	说明 Remark
Lmax	防护罩最大拉伸 Stretched out length				机床的运行范围（必填） Machine travel range (Not null)
Lmin	防护罩最小压缩 Compressed length				
S	防护罩行程 Travel distance				机床的最大行程（可选） Machine max distance (Optional)
W	防护罩外宽 Outer width				必填 Optional
Wi	防护罩内宽 Inner width				必填 Optional
W0	最小宽度 Min width				可选 Optional
h	防护罩外高 Outher height				必填 Not null
hi	防护罩内高 Inner height				必填 Not null
d	导轨中心距 Guide rail center distance				必填 Not null
d1	端板到导轨距离 The distance from flange to guide rail				必填 Not null
	附件选配 Accessories need				可选 Optional
	防护罩材质 Material of cover				材质/表面处理（可选） Material and surface treatment (Optional)
	导轨型号 Guide rail item No.		–		型号或尺寸（附图）（必填 Not null / attched ）
	机床运行速度 Running speed		–		必填 Not null
	安装方式 Assemble way		–		水平/垂直/其它（可选） Vertical/horizontal/others (Optional)
	安装机台型号 Equipment item No.		–		可选 Optional
	使用环境 Enviorment		–		是否有大量碎屑（可选） Scrap or not (Optional)
订货单位 Company name			送货地址 Company address		
联系方式 Contact way			送货方式 Shipping way	□空运 Air □加急 Urgent	□陆运 Freight □其它 Others______

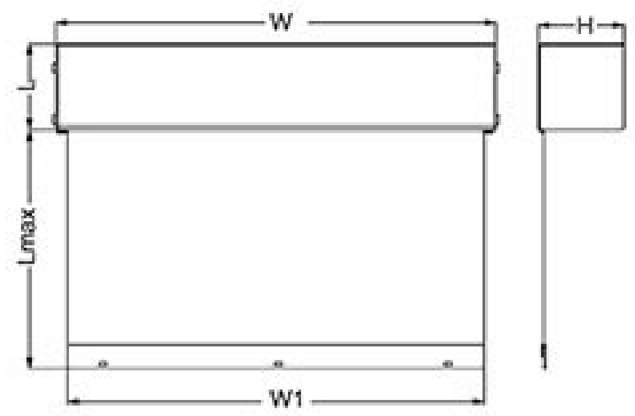
- 订购时需提供上述数据、CAD图纸或机床三维图（.stp / .x-t / .igs 等格式），我司方可进行评估设计
  Pls offer above demensions,CAD drawings or Machine 3D drawings(.stp or .x-t or .igs), then our engineer can design
- 如订购防护罩有特殊要求，请在备注栏填写或直接与我司进行联系沟通；若无要求，则按照我司标准制作
  Pls remark if you have speical demand, or we will follow Krius regulation
- 导轨部分防护设计需提供详细图纸说明
  Krius need detailed drawings for the protected pars of machine
- 如订购方提供完整防护罩图纸，请注明与导轨之间是否留有余量
  Pls mark are there some tolerance for guide rail and bellow cover if customer offer complete drawings
- 我方在送货时会将此单随产品一起发出
  We will take the order details with goods shippment together

卷帘
Steel shield brief

- 结构：卷帘防护罩主要由外罩、布料或钢带、轴承、轴、弹簧（进口材质）等结构组成。
- 特点：该产品的内外结构均经过表面处理而成，结构简单，配合紧密，运行时无噪音，特别适用于安装空间小、行程大且速度快的机床设备上使用。

- Steel shield is made up of housing, anti-pull fabric/bearing, spring shaft and spring etc.
- The surface will be processed with simple Structure, every part match each well with little noise, it is suitable for Small space, longer travel distance with high speed equipment.





卷帘订购参数表及回执单
Steel shield order details

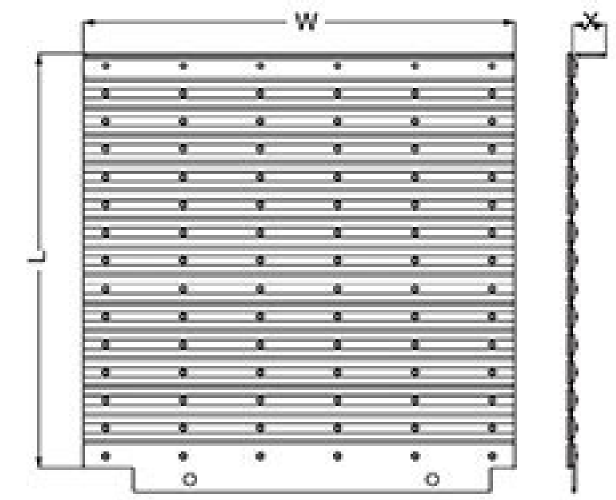
参数代码 Code	参数名称 Des	参数值 Figure	检测结果(我司填写) Test result by Kirus	备注 Remark	说明 Remark
Lmax	防护罩最大拉伸 Stretched out length				必填 Not null
L	防护罩的外罩长度 Steel box length				必填 Not null (≥50mm)
W	防护罩的外罩宽度 Steel box width				必填 Not null (≥50mm)
H	防护罩的外罩高度 Steel box heigth				必填 Not null
W1	防护罩布料/钢带 Shield fabric/steep tape				必填 Not null
	防护罩材质 Shield material				材质/表面处理（可选） Material and surface treatment（Optional）
	导轨型号 Guide rail item No.		–		型号或尺寸（附图）（必填 Not null / attched）
	机床运行速度 Running speed		–		必填 Not null
	安装方式 Assemble way		–		水平/垂直/其它（可选） Vertical/horizontal/others（Optional）
	安装机台型号 Equipment item No.		–		可选 Optional
订货单位 Company name			送货地址 Company address		
联系方式 Contact way			送货方式 Shipping way	☐空运 Air ☐加急 Urgent	☐陆运 Freight ☐其它 Others_____

- 订购时需提供上述数据、CAD图纸或机床三维图（.stp / .x-t / .igs 等格式），我司方可进行评估设计
  Pls offer above demensions,CAD drawings or Machine 3D drawings(.stp or .x-t or .igs), then our engineer can design
- 如订购防护罩有特殊要求，请在备注栏填写或直接与我司进行联系沟通；若无要求，则按照我司标准制作
  Pls remark if you have speical demand, or we will follow Krius regulation
- 导轨部分防护设计需提供详细图纸说明
  Krius need detailed drawings for the protected pars of machine
- 如订购方提供完整防护罩图纸，请注明与导轨之间是否留有余量
  Pls mark are there some tolerance for guide rail and bellow cover if customer offer complete drawings
- 我方在送货时会将此单随产品一起发出
  We will take the order details with goods shippment together

铝帘
Aluminum shield brief

- 结构：铝帘防护罩主要由铝型材、布料或牛筋卡条、端板等结构组成。
- 特点：该产品的铝型材是挤压成型，结构简单，设计方便，周期短，外形美观，寿命较长。

- Al shield is made up pf Al sheet, anti-pull fabric and strip and flange ect.
- This kind of Al shield is extrusion into production with simple structure and better vision.The using life is longer



铝帘订购参数表及回执单
Aluminum shield order details

参数代码 Code	参数名称 Des	参数值 Figure	检测结果(我司填写) Test result by Kirus	备注 Remark	说明 Remark
L	长度 Shield length				必填 Not null
W	宽度 Shield width				必填 Not null
X	角铁宽度 L shape iron width				可选 Optional
	防护罩材质 Shield material				材质/表面处理（可选） Material and surface treatment（Optional）
	导轨型号 Guide rail item No.		–		型号或尺寸（附图）（必填 Not null / attched）
	机床运行速度 Guide rail running speed		–		必填 Not null
	安装方式 Assembling way		–		水平/垂直/其它（可选） Vertical/horizontal/others（Optional）
	安装机台型号 Equipment item No.		–		可选 Optional
订货单位 Company name			送货地址 Company address		
联系方式 Contact way			送货方式 Shipping way	☐空运 Air ☐加急 Urgent	☐陆运 Freight ☐其它 Others_____

- 订购时需提供上述数据、CAD图纸或机床三维图（.stp / .x-t / .igs 等格式），我司方可进行评估设计
  Pls offer above demensions,CAD drawings or Machine 3D drawings(.stp or .x-t or .igs), then our engineer can design
- 如订购防护罩有特殊要求，请在备注栏填写或直接与我司进行联系沟通；若无要求，则按照我司标准制作
  Pls remark if you have speical demand, or we will follow Krius regulation
- 导轨部分防护设计需提供详细图纸说明
  Krius need detailed drawings for the protected pars of machine
- 如订购方提供完整防护罩图纸，请注明与导轨之间是否留有余量
  Pls mark are there some tolerance for guide rail and bellow cover if customer offer complete drawings
- 我方在送货时会将此单随产品一起发出
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Krius® 科瑞斯

MICRO
cable chain
W系列微型拖链

W系列微型拖链
W series- Micro 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

最小的内部高度
Smallest inner height

功能特点 Features & Benefits

- 节距小，噪音低
- 阻燃等级UL94 V-2
- 配有整体式接头
- 外形设计美观、大方
- 耐摩擦、耐腐蚀，滑行应用
- 可以组装成"S"型拖链

- Small pitch, low noise
- Flammability class UL94 V-2
- Integrated mounting bracket
- Beautiful and decent appearance design
- Anti-corrosion, Rub-resistance, Gliding application
- Assembled as S-shaped chain

微型拖链的适用场合 Application

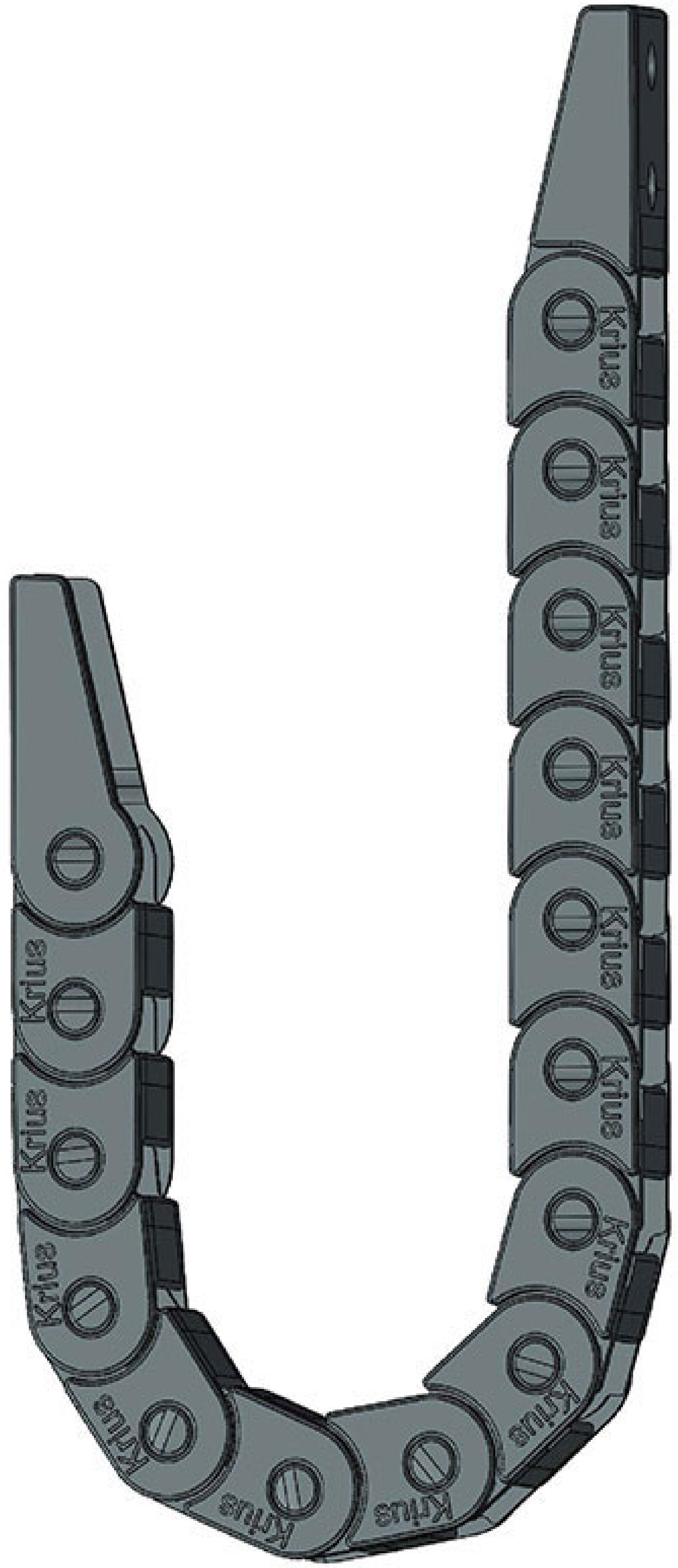
- 低负荷场合应用
- 弯曲半径小
- 短行程
- 运行速度慢

- For low loading
- For small bending radius
- For short travel distance
- For slow speed

微型拖链的不适用场合 Not applicable

- 扭转场合或有扭转现象
- 长距离运行
- 快速开启、装入电缆

- Not for twisty situation
- Not for long distance running
- Not for quick opening, and assemble cables



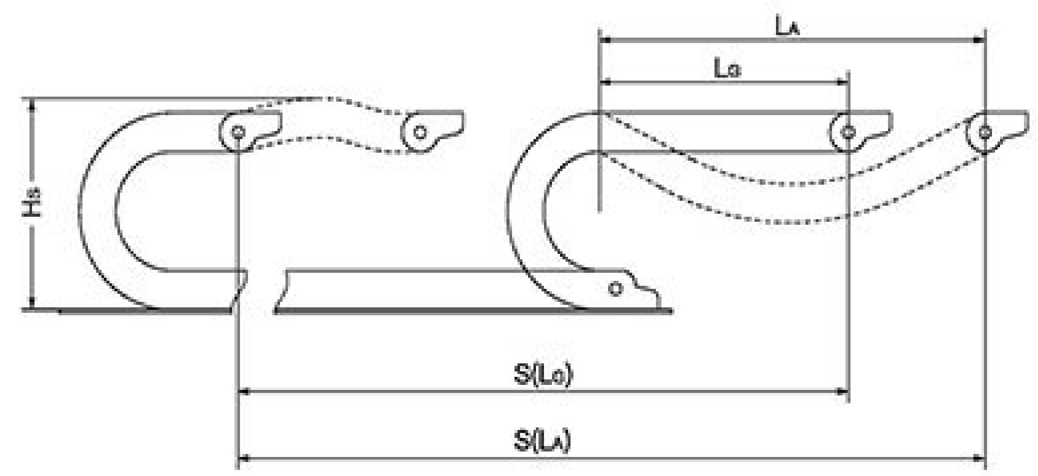
订购示例-整条拖链 Order details

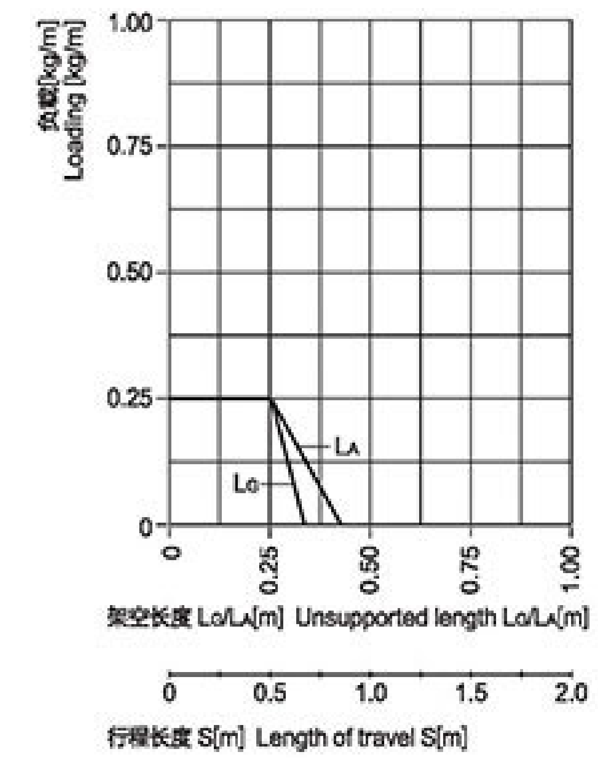
请注明拖链长度或者链节数 如：1米或100节		Please mark the length or link number, such as 1 meter or 100 links	
W0610*R18*1000*2	(2条长度1米的拖链)	**W0610*R18*1000*2**	(2 pieces of 1-meter-long cable chain)
W0610*B*T1*1	(1副接头，T1安装方式)	**W0610*B*T1*1**	(1 piece of connector, T1 installation method)

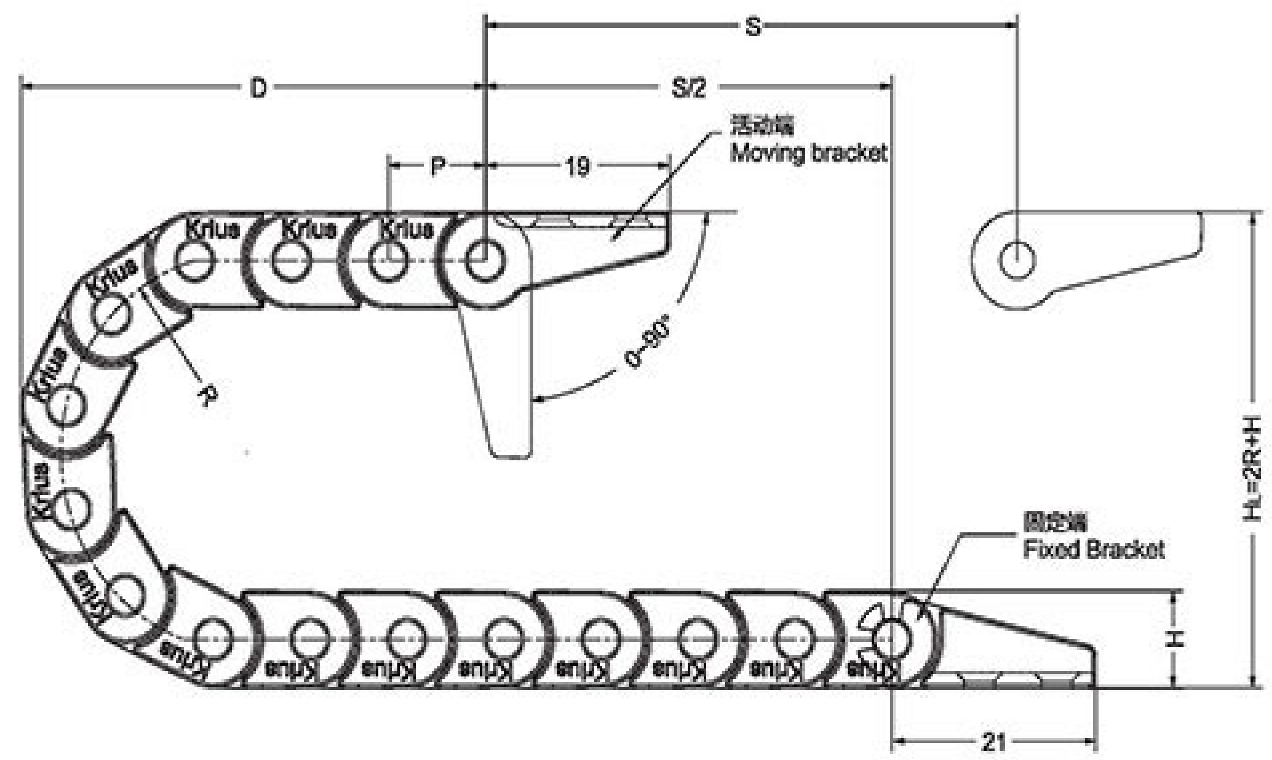
W06 · W07 拖链-安装尺寸及技术参数
W06 · W07 Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度 • L_G =Unsupported with straight upper run
- L_A =安全塌腰架空长度 • L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
18 (0.71)	46 (1.81)	46 (1.81)	75 (2.95)	10 (0.39)

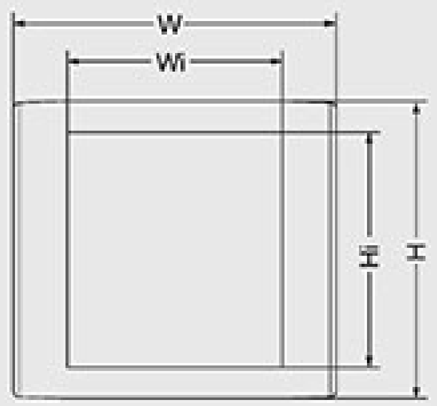
实际安装高度: $H_S=H_L+10$mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=100（1000mm）

The required clearance height: $H_S=H_L+0.39$in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=100（39.37 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

W06 · W07 拖链–产品规格范围
W06 · W07 Cable Chain–Product specifications

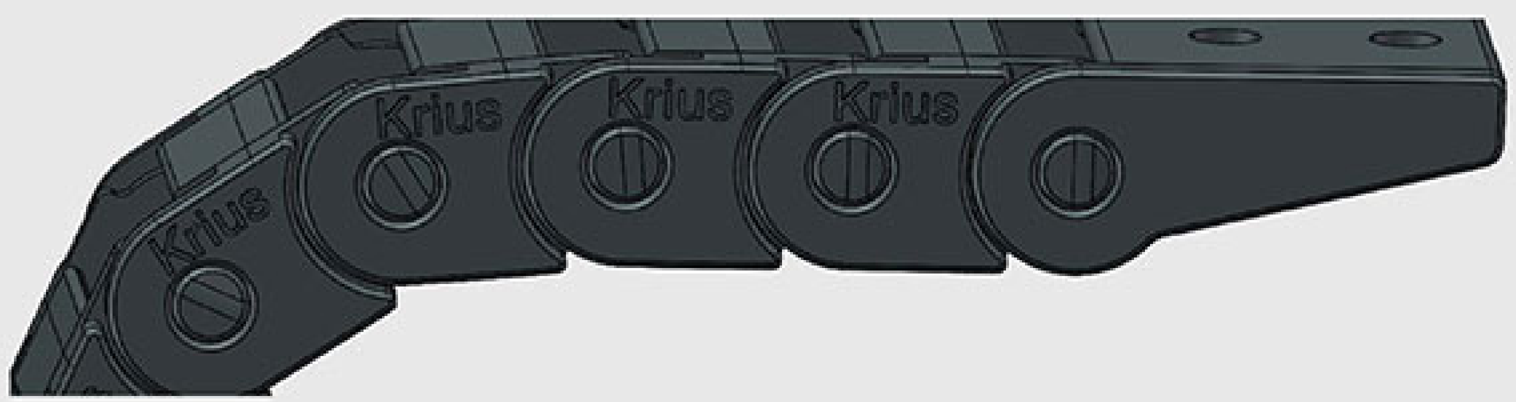
W06 · W07拖链–不可打开 W06 · W07Cable Chain–cannot be opened



产品代码结构
Part Number Structure

W0610*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)

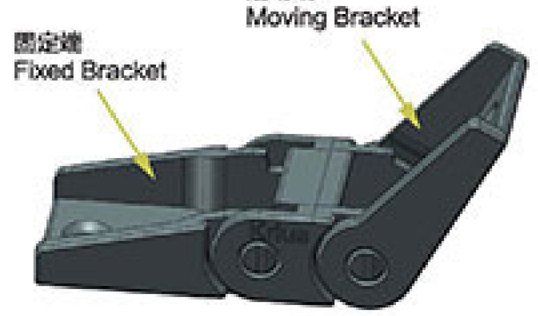


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
W0610		6.4 (0.25)	10.4 (0.41)	9.4 (0.37)	15.6 (0.61)	0.1 (0.07)	
W0707		7.4 (0.29)	7.4 (0.29)	10.4 (0.41)	13 (0.51)	0.1 (0.07)	

订货范例 Order details **W0610 * R18 * 1000mm * 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
18 (0.71)	46 (1.81)	46 (1.81)	75 (2.95)	10 (0.39)

W06 · W07 拖链–拖链接头
W06 · W07 Cable Chain–Mounting Bracket

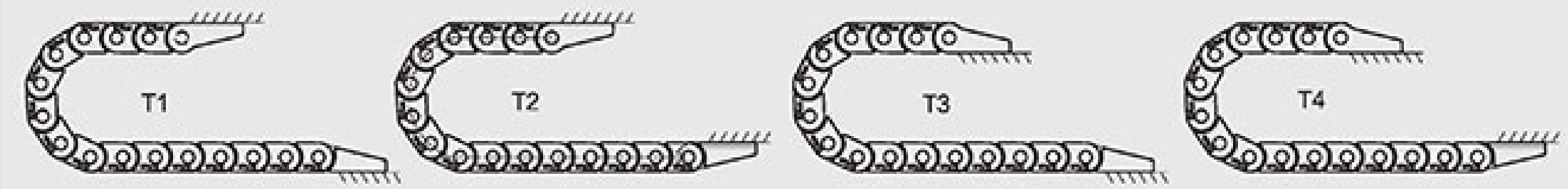


塑料接头，整体式 Plastic Mounting Bracket, Integrated type

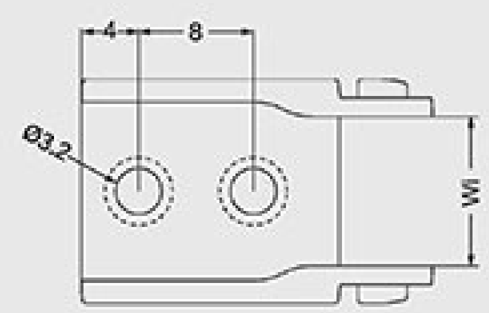
- 整体式接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Integrated type Mounting Bracket
- Corrosion&Rub resistance
- Anti–corrosion, Rub–resistance
- Can realize the internal and external connections

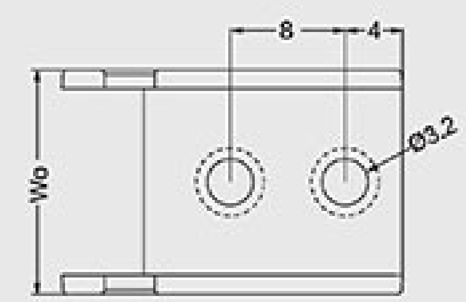
可选配的接头安装方式 Available installation methods



固定端
Fixed Bracket



活动端
Moving Bracket



拖链型号 Type	拖链编码 Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
W0610	12226	12227	15.6 (0.61)	–
W0707	12228	12229	13 (0.51)	–

产品代码结构 Part Number Structure

W0610*B*T1

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

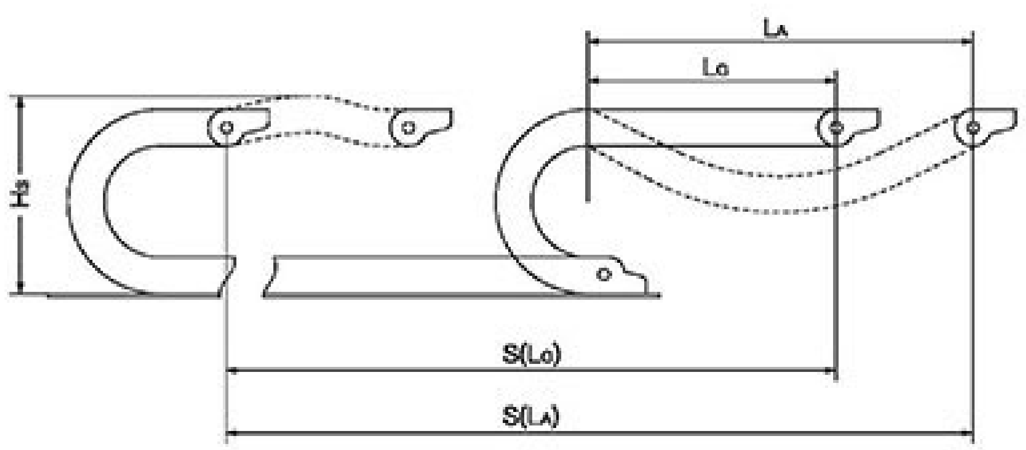
W0610*B*T1*n	两端接头 On both brackets
W0610*f*T1*n	固定端接头 Fixed bracket
W0610*m*T1*n	活动端接头 Moving bracket

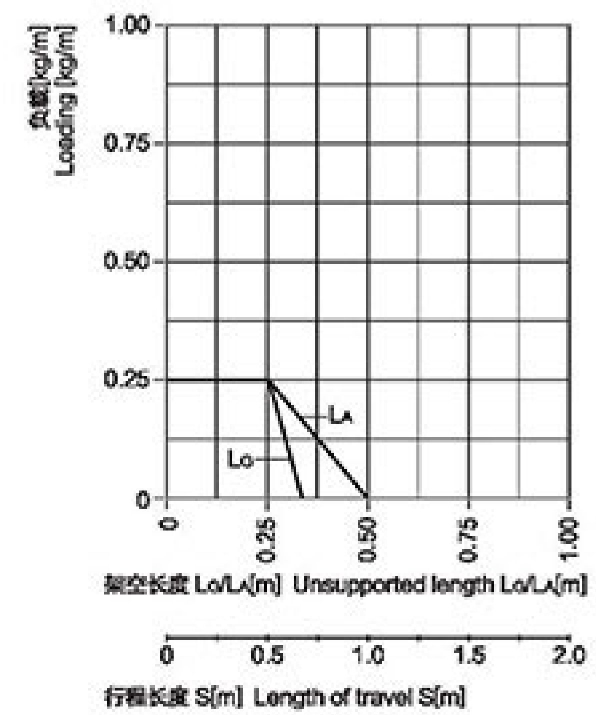
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

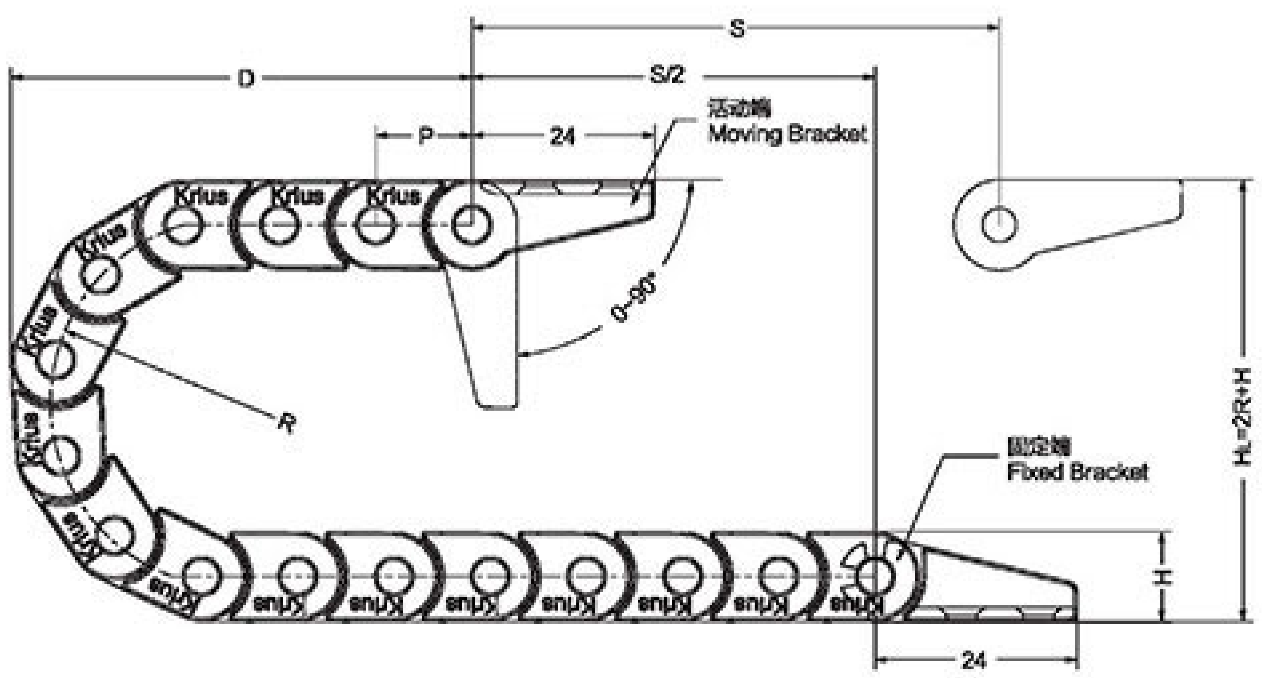
W10 拖链−安装尺寸及技术参数
W10 Cable Chain−Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_0 =直线架空长度 • L_0 =Unsupported with straight upper run
- L_A =安全塌腰架空长度 • L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
18 (0.71)	50 (1.97)	46 (1.81)	80 (3.15)	13 (0.51)

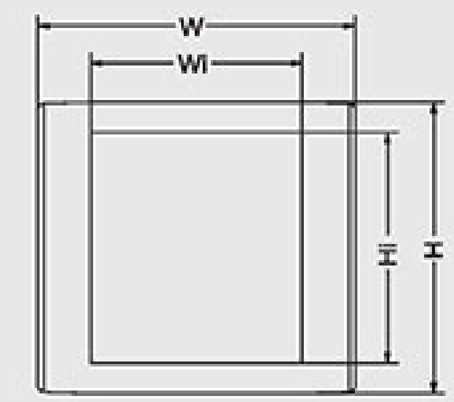
实际安装高度: H_S=H_L+10mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=77（1000mm）

The required clearance height: H_S=H_L+0.39in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=77（39.37 in.）

技术参数 Technical Parameters		
速度/加速度L_0	Speed/acceleration L_0	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料−允许温度℃	Material−permitted temperature	Reinforce PA/−40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V−2

W10 拖链−产品规格范围
W10 Cable Chain−Product specifications

W10拖链−不可打开 W10 Cable Chain−cannot be opened



产品代码结构
Part Number Structure

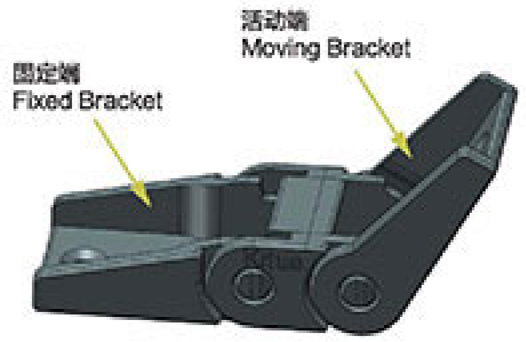
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
W1010			10.8 (0.43)		16.8 (0.66)	0.10 (0.07)	
W1015		10.4 (0.41)	15.8 (0.62)	14 (0.55)	21.8 (0.86)	0.12 (0.08)	
W1020			20.8 (0.82)		26.8 (1.06)	0.14 (0.10)	

订货范例 Order details **W1010 * $\boxed{R18}$ * 1000mm * 2**

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
18 (0.71)	50 (1.97)	46 (1.81)	80 (3.15)	13 (0.51)

W10拖链 W10 Cable Chain

W10 拖链–拖链接头
W10 Cable Chain–Mounting Bracket

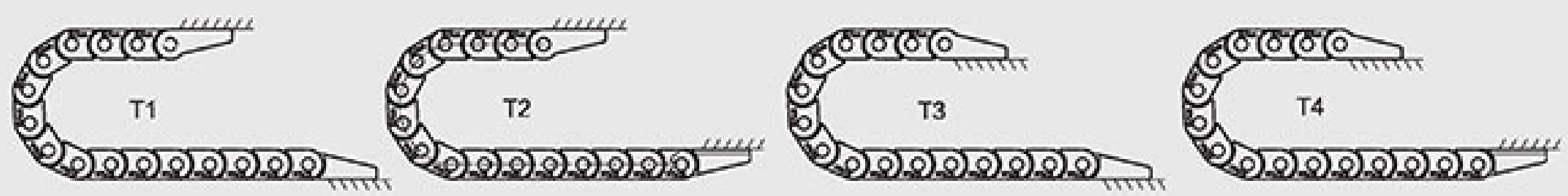


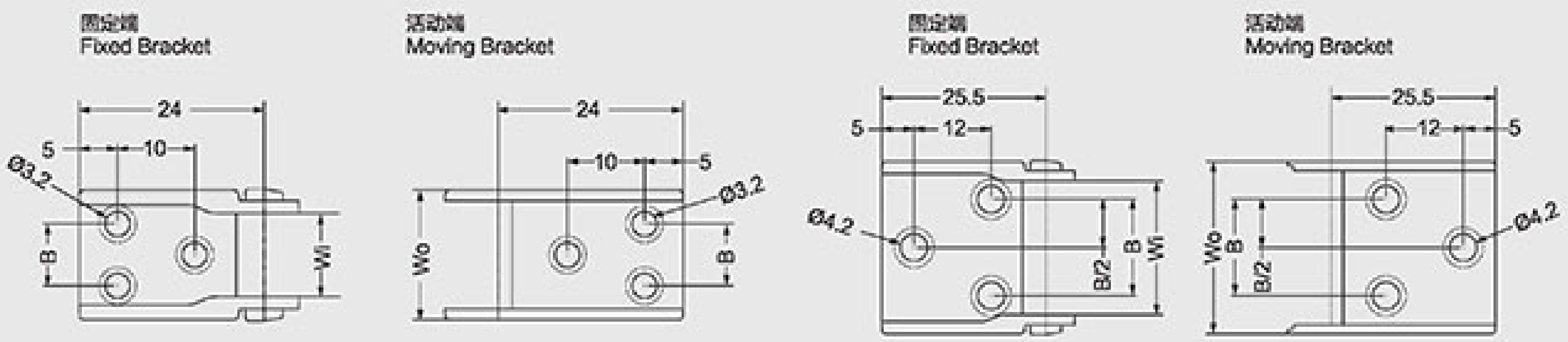
塑料接头，整体式 Plastic Mounting Bracket, Integrated type

- 整体式接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Integrated type Mounting Bracket
- Anti–corrosion, Rub–resistance
- Available preassembly form
- Can realize the internal and external connections

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





W1010 W1015

W1020

拖链型号 Type	拖链编码 Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
W1010	12230	12231	16.8 (0.66)	8 (0.31)
W1015	12232	12233	21.8 (0.86)	12 (0.47)
W1020	12234	12235	26.8 (1.06)	15 (0.59)

产品代码结构 Part Number Structure

W1010*B*T1

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

W1010*B*T1*n	两端接头 On both brackets
W1010*f*T1*n	固定端接头 Fixed bracket
W1010*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.

MINI
series Cable Chain
迷你系列拖链

迷你系列拖链
Mini series Cable Chain

价格指数 Price index

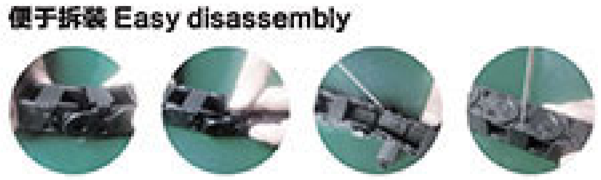
可根据客户需求提供防火材料
Fire-proof materials are available if customized

功能特点 Features & Benefits

- 横杆可以在内侧打开
- 节距小，噪音低
- 阻燃等级UL94 V-2
- 配有整体式带梳状片接头
- 外形设计美观、大方
- 耐磨擦、耐腐蚀，滑行应用
- 可以组装成"S"型拖链（适用于EN15/EN18）

- Cross bars can be opened along inwards and outwards radius
- Small pitch, low noise
- Flammability class UL94 V-2
- Integrated bracket with tie-wrap clamp optional
- Beautiful and decent appearance design
- Anti-corrosion, Rub-resistance, Gliding application
- Assembled as S-shaped chain (Only for EN15/EN18)

便于拆装 Easy disassembly



装 Install　　拆 dismantle

迷你拖链的适用场合 Application

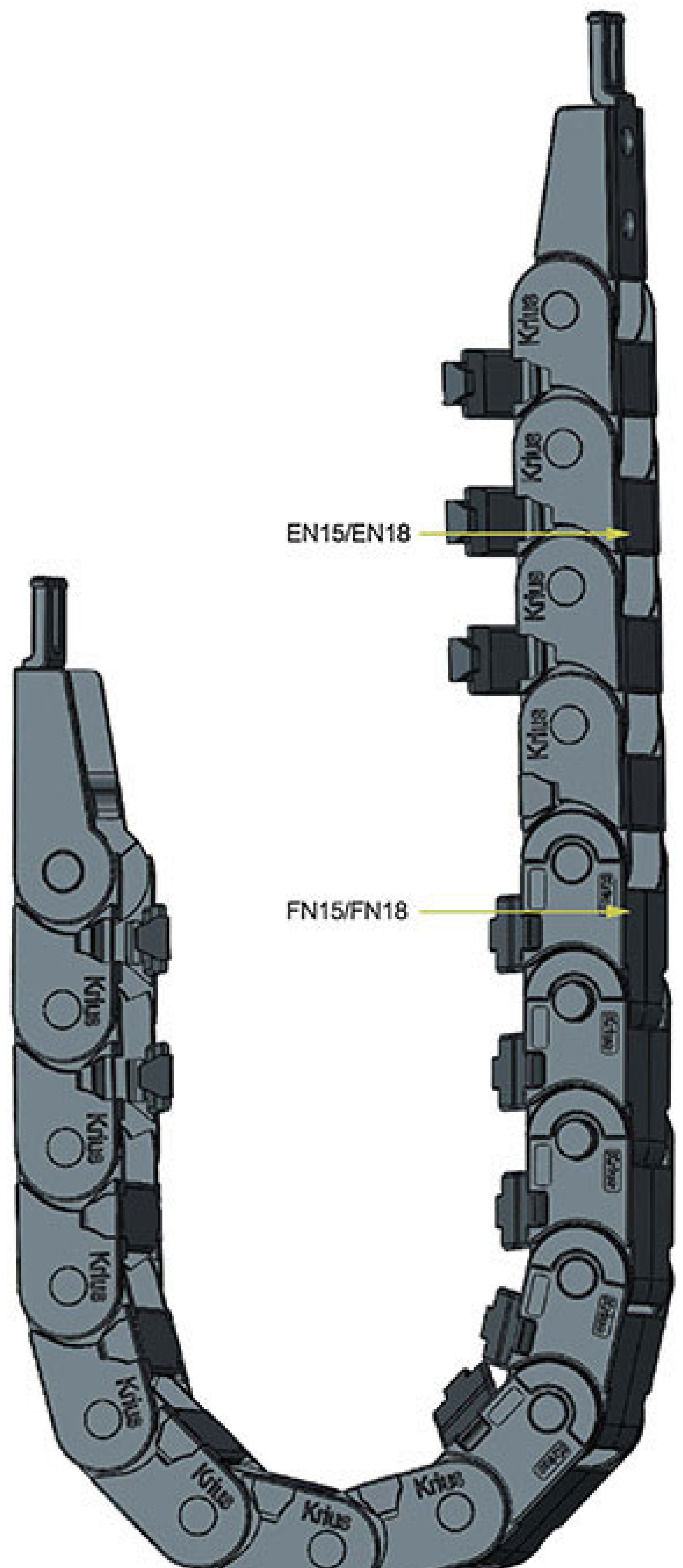
- 低负荷场合应用
- 弯曲半径小
- 短行程
- 运行速度慢

- For low loading
- For small bending radius
- For short travel distance
- For slow speed

迷你拖链的不适用场合 Not applicable

- 扭转场合或有扭转现象
- 长距离运行

- Not for twisty situation
- Not for long distance running



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40节
EN1515*R28*1000*2　(2条长度1米的拖链)
EN1515*B*T1*1　(1副接头，T1安装方式)

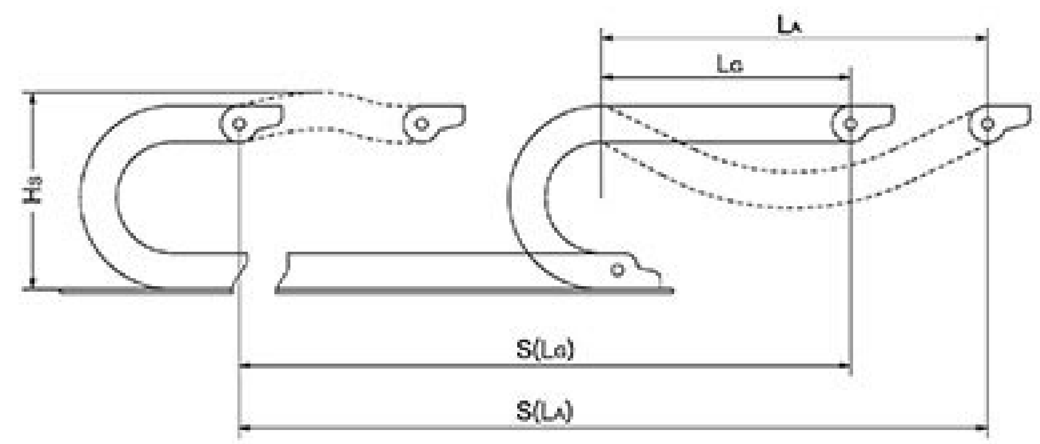
Please mark the length or link number, such as 1 meter or 40 links
EN1515*R28*1000*2　(2 pieces of 1-meter-long cable chain)
EN1515*B*T1*1　(1 piece of connector, T1 installation method)

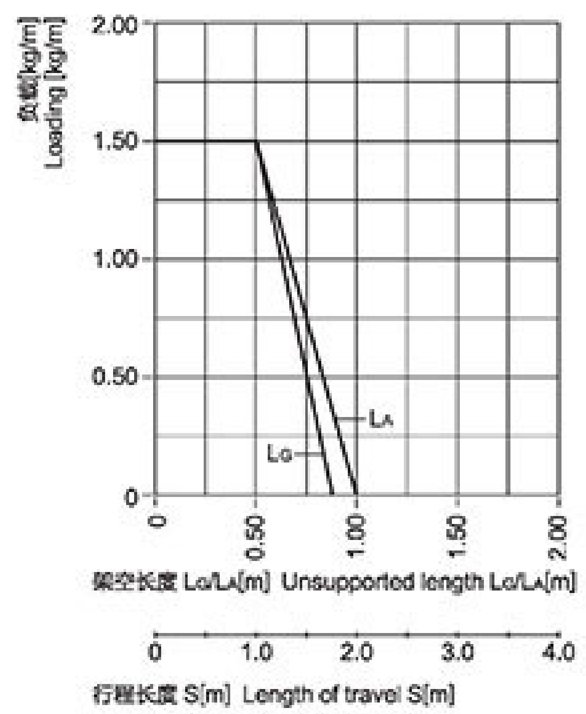
EN15 拖链-安装尺寸及技术参数
EN15 Cable Chain-Installation Dimensions and Technical Parameters

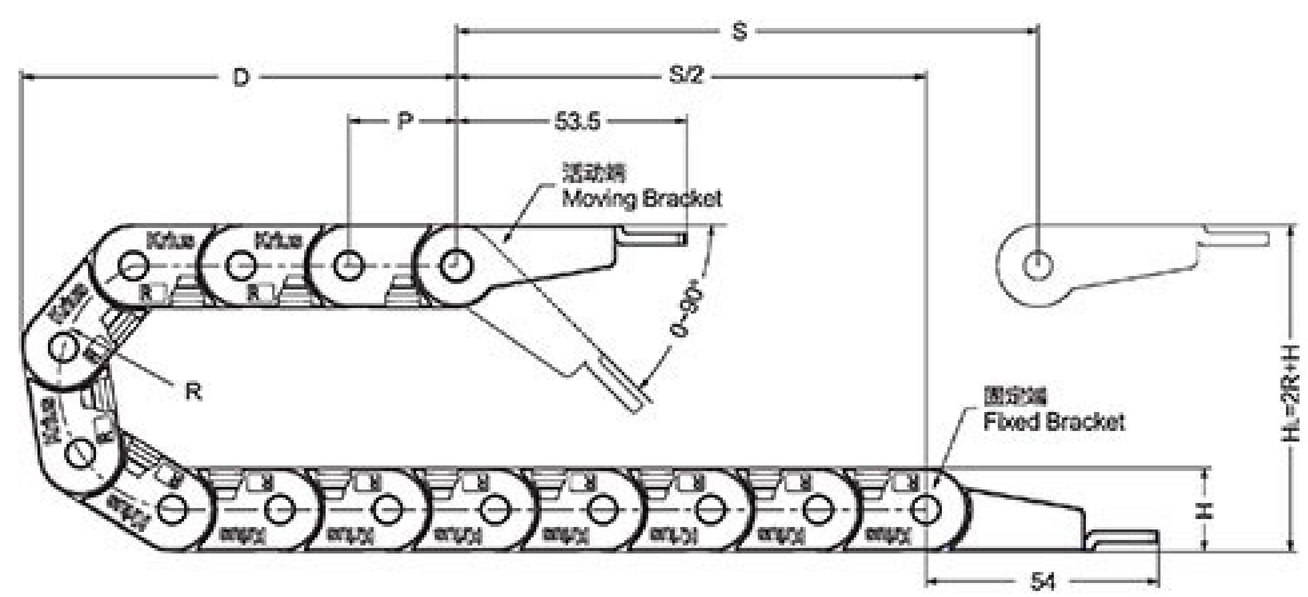
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
23 (0.91)	66 (2.59)	56 (2.20)	120 (4.72)	25 (0.98)
28 (1.10)	76 (2.99)	66 (2.59)	140 (5.52)	25 (0.98)
38 (1.50)	96 (3.79)	86 (3.39)	170 (6.69)	25 (0.98)
48 (1.90)	116 (4.59)	106 (4.17)	200 (7.87)	25 (0.98)

注：R23一行数据仅适用于EN1515拖链
Remark: The data on R23 line is only for EN1515 item

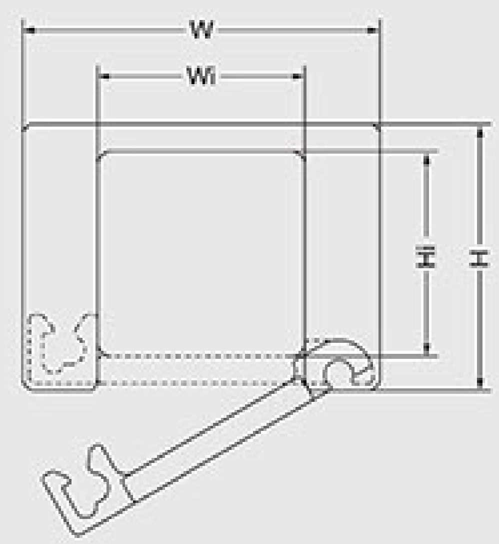
实际安装高度: $H_S=H_L+20mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=40（1000mm）

The required clearance height: $H_S=H_L+0.79in.$
Chain length: L=S/2+K (Fixed end in the middle)
Links per meter: N=40 (39.37 in.)

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

EN15 拖链–产品规格范围
EN15 Cable Chain–Product specifications

EN15拖链–内侧可打开 EN15 Cable Chain—Inner can be opened



产品代码结构
Part Number Structure

EN1515*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)

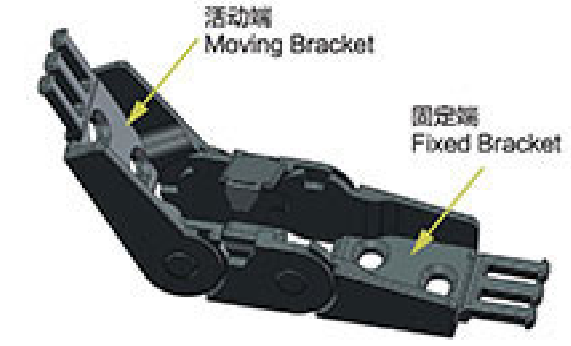
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
EN1515		15 (0.59)	15.2 (0.60)	19.5 (0.77)	24.8 (0.98)	0.30 (0.20)	
EN1520			20.2 (0.80)		29.8 (1.17)	0.31 (0.21)	
EN1530			30.2 (1.19)		39.8 (1.57)	0.34 (0.23)	
EN1540			40.2 (1.58)		49.8 (1.96)	0.38 (0.26)	
EN1550			50.2 (1.98)		59.8 (2.35)	0.42 (0.29)	

订货范例 Order details **EN1515 * R28 * 1000mm * 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
23 (0.91)	66 (2.59)	56 (2.20)	120 (4.72)	25 (0.98)
28 (1.10)	76 (2.99)	66 (2.59)	140 (5.52)	25 (0.98)
38 (1.50)	96 (3.79)	86 (3.39)	170 (6.69)	25 (0.98)
48 (1.90)	116 (4.59)	106 (4.17)	200 (7.87)	25 (0.98)

注：R23一行数据仅适用于EN1515拖链
Remark: The data on R23 line is only for EN1515 item

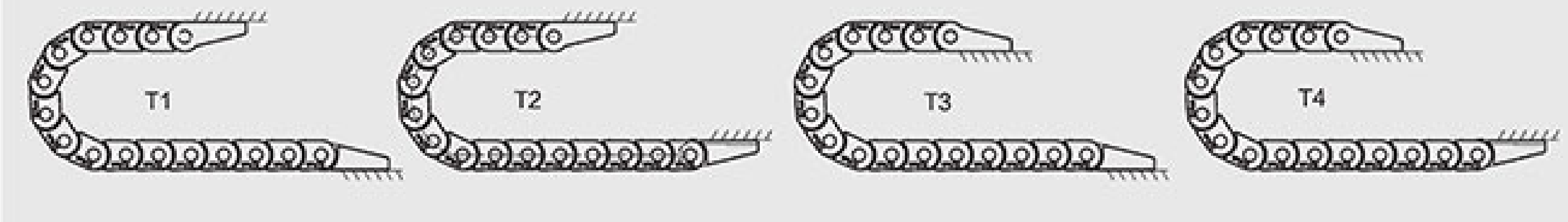
EN15 拖链–拖链接头
EN15 Cable Chain–Mounting Bracket



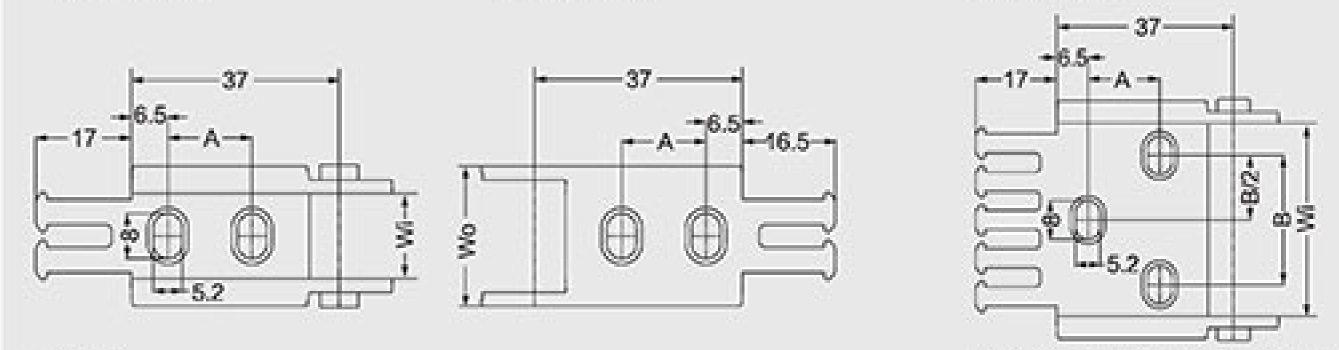
塑料接头，整体式 Plastic Mounting Bracket, Integrated type

- 整体式接头 • Integrated type Mounting Bracket
- 耐腐蚀&耐摩擦 • Anti-corrosion, Rub-resistance
- 可提供预装配形式 • Available preassembly form
- 可实现内外连接 • Can realize the internal and external connections

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



固定端 Fixed Bracket
活动端 Moving Bracket
固定端 Fixed Bracket
活动端 Moving Bracket



EN1515
EN1520 EN1530 EN1540 EN1550

拖链型号 Type	拖链编码 Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	A尺寸 Dimension A	B尺寸 Dimension B
			mm (in.)	mm (in.)	mm (in.)
EN1515	11093	11094	24.8 (0.98)	15 (0.59)	–
EN1520	11095	11096	29.8 (1.17)	16.2 (0.64)	11 (0.43)
EN1530	11097	11098	39.8 (1.57)	15 (0.59)	17 (0.67)
EN1540	11099	11100	49.8 (1.96)	15 (0.59)	27 (1.06)
EN1550	11101	11102	59.8 (2.35)	15 (0.59)	37 (1.46)

产品代码结构 Part Number Structure

EN1515*B*T1

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

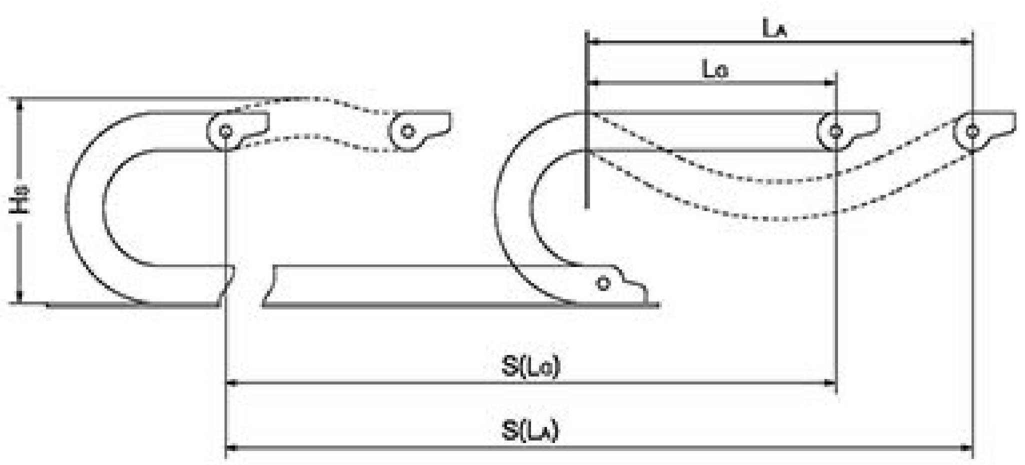
EN1515*B*T1*n 两端接头 On both brackets
EN1515*f*T1*n 固定端接头 Fixed bracket
EN1515*m*T1*n 活动端接头 Moving bracket

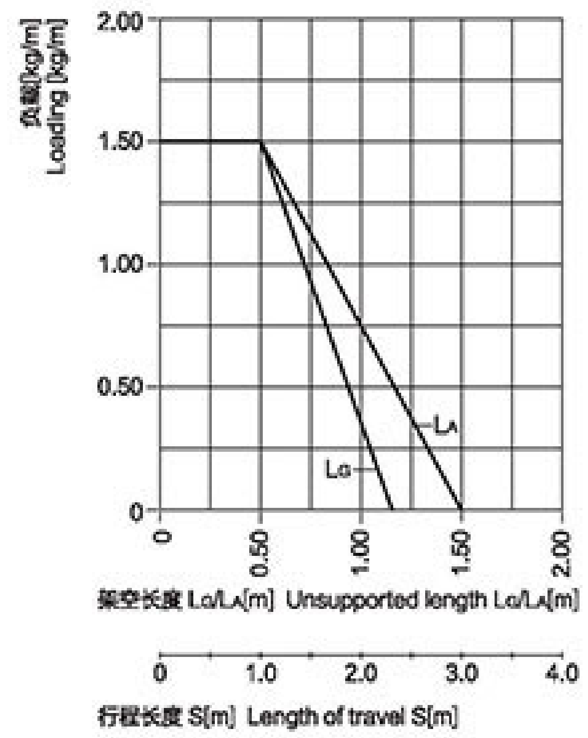
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

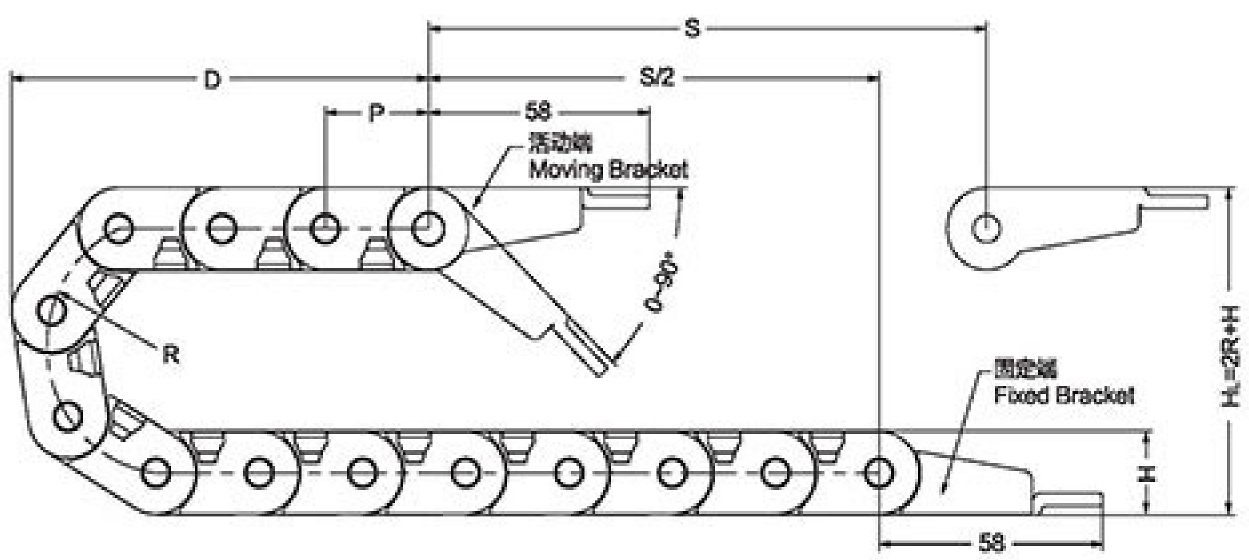
EN18拖链–安装尺寸及技术参数
EN18 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
28 (1.10)	79 (3.11)	66 (2.59)	150 (5.83)	30 (1.18)
38 (1.50)	99 (3.90)	76 (2.99)	180 (7.06)	30 (1.18)
48 (1.90)	119 (4.69)	86 (3.39)	210 (8.30)	30 (1.18)

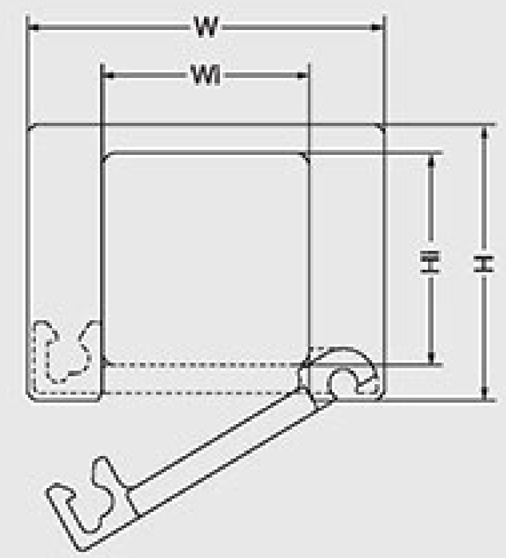
实际安装高度: $H_S=H_L+20mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=33（990mm）

The required clearance height: $H_S=H_L+0.79in.$
Chain length: L=S/2+K (Fixed end in the middle)
Links per meter: N=33（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/–40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V–2

EN18 拖链–产品规格范围
EN18 Cable Chain–Product specifications

EN18拖链–内侧可打开 EN18 Cable Chain—Inner can be opened



产品代码结构
Part Number Structure

EN1818*R*L*n

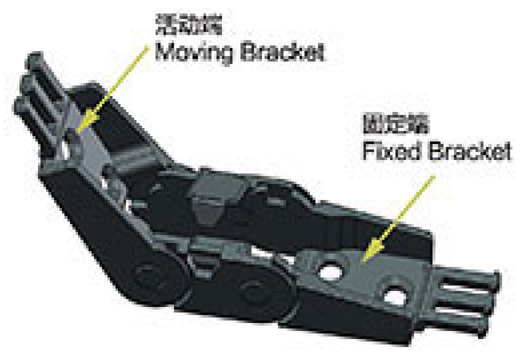
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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)	
EN1818		18.1 (0.71)	18.2 (0.72)	23 (0.91)	29.2 (1.15)	0.40 (0.27)	
EN1825			25.2 (0.99)		36.2 (1.43)	0.42 (0.29)	
EN1835			35.2 (1.39)		46.2 (1.82)	0.47 (0.32)	
EN1840			40.2 (1.58)		51.2 (2.02)	0.50 (0.34)	
EN1850			50.2 (1.98)		61.2 (2.41)	0.52 (0.35)	

订货范例 Order details **EN1818 * R28 * 1000mm * 2**

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
28 (1.10)	79 (3.11)	66 (2.59)	150 (5.83)	30 (1.18)
38 (1.50)	99 (3.90)	76 (2.99)	180 (7.06)	30 (1.18)
48 (1.90)	119 (4.69)	86 (3.39)	210 (8.30)	30 (1.18)

EN18 拖链-拖链接头
EN18 Cable Chain-Mounting Bracket

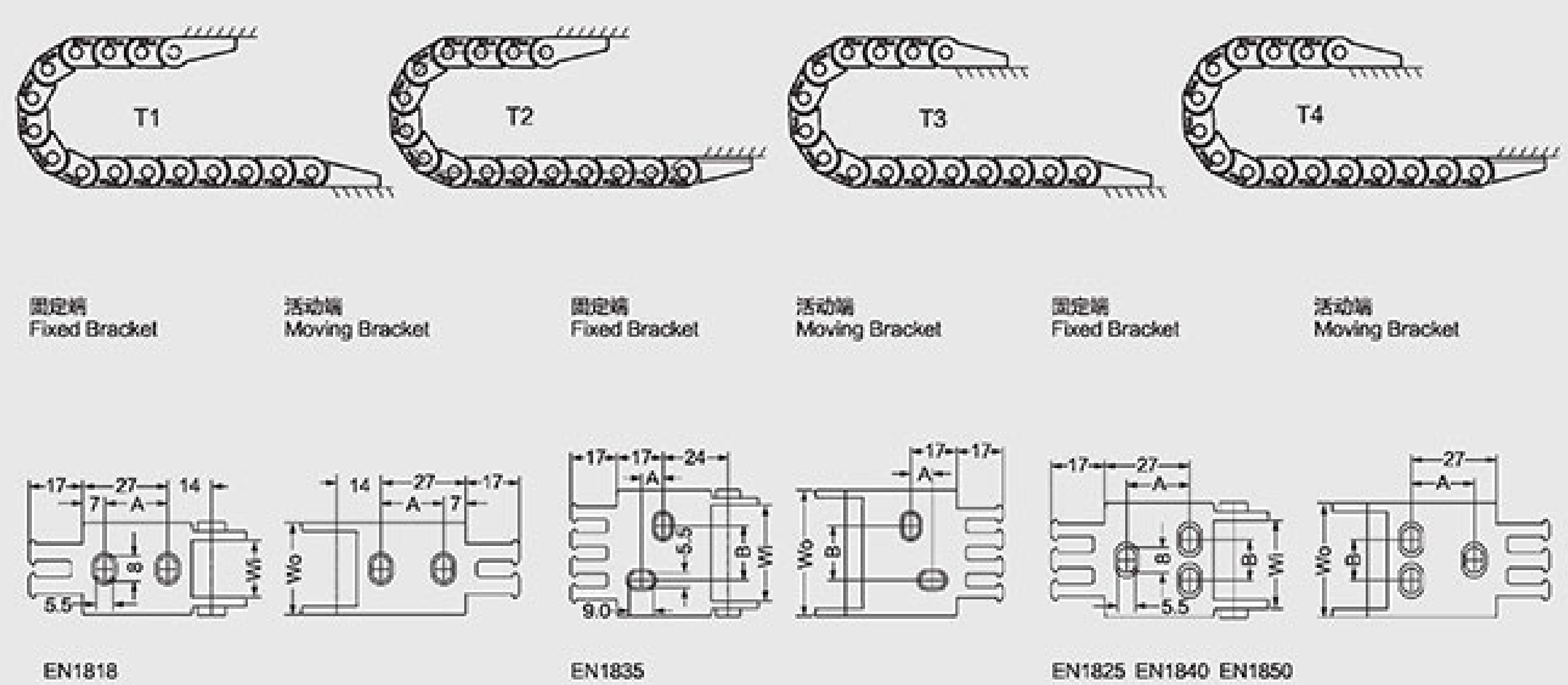


塑料接头，整体式 Plastic Mounting Bracket, Integrated type

- 整体式接头
- 耐腐蚀＆耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Integrated type Mounting Bracket
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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



拖链型号 Type	拖链编码 Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	A尺寸 Dimension A	B尺寸 Dimension B
			mm (in.)	mm (in.)	mm (in.)
EN1818	11103	11104	29.2 (1.15)	20 (0.79)	–
EN1825	11105	11106	36.2 (1.43)	20 (0.79)	13 (0.51)
EN1835	11107	11108	46.2 (1.82)	8 (0.31)	20 (0.79)
EN1840	11109	11110	51.2 (2.02)	20 (0.79)	25 (0.98)
EN1850	11111	11112	61.2 (2.41)	20 (0.79)	30 (1.18)

产品代码结构 Part Number Structure

EN1818*B*T1

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

EN1818*B*T1*n	两端接头 On both brackets
EN1818*f*T1*n	固定端接头 Fixed bracket
EN1818*m*T1*n	活动端接头 Moving bracket

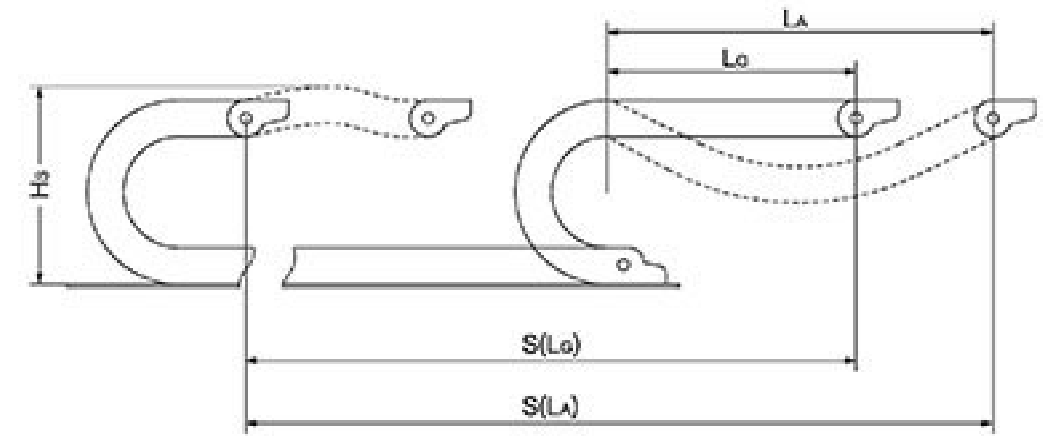
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

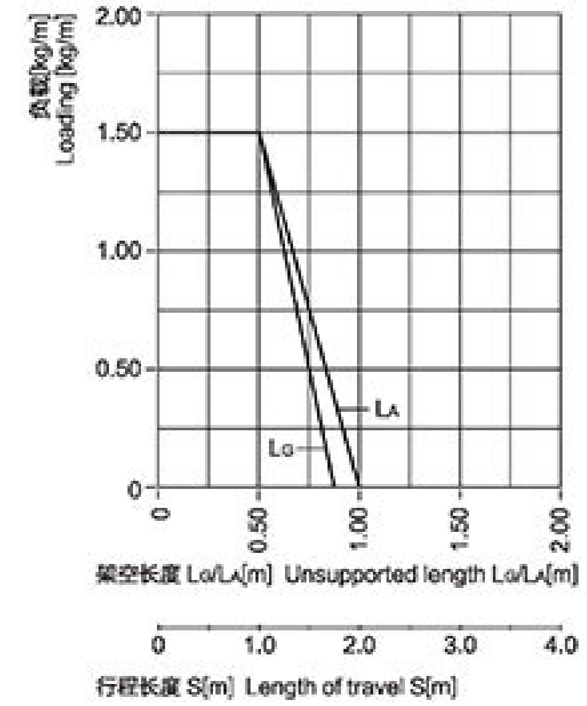
FN15 拖链-安装尺寸及技术参数
FN15 Cable Chain-Installation Dimensions and Technical Parameters

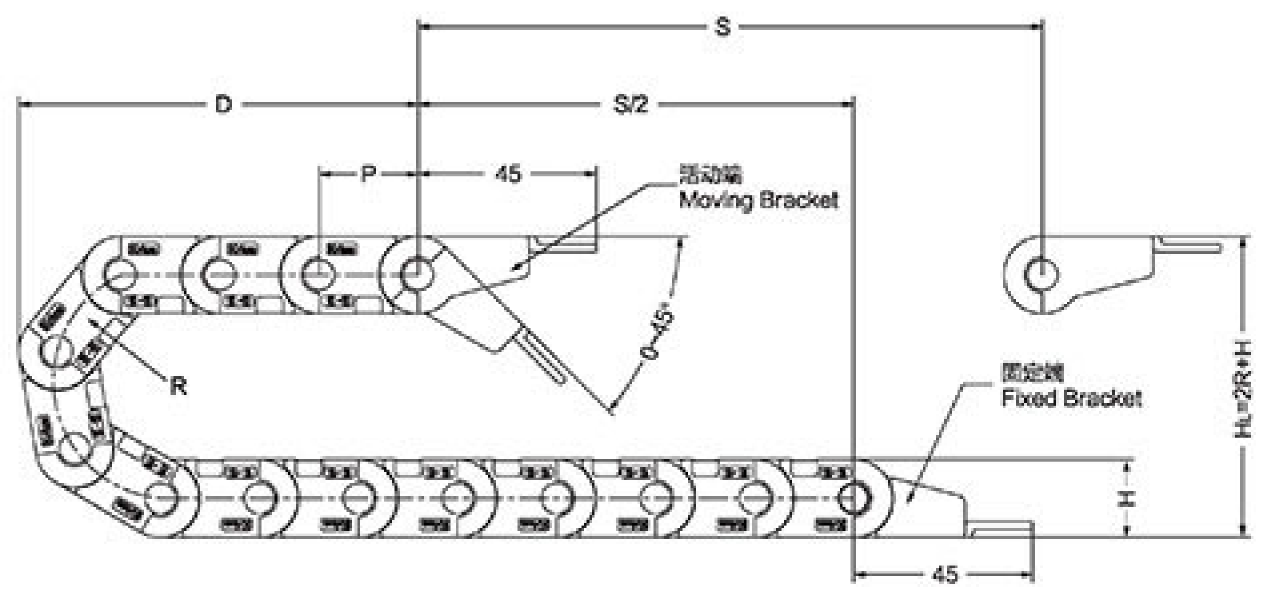
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
25 (0.98)	70 (2.76)	60 (2.36)	130 (5.12)	25 (0.98)
28 (1.10)	76 (2.99)	66 (2.59)	140 (5.52)	25 (0.98)
38 (1.50)	96 (3.79)	76 (2.99)	170 (6.69)	25 (0.98)
48 (1.90)	116 (4.59)	86 (3.39)	200 (7.87)	25 (0.98)

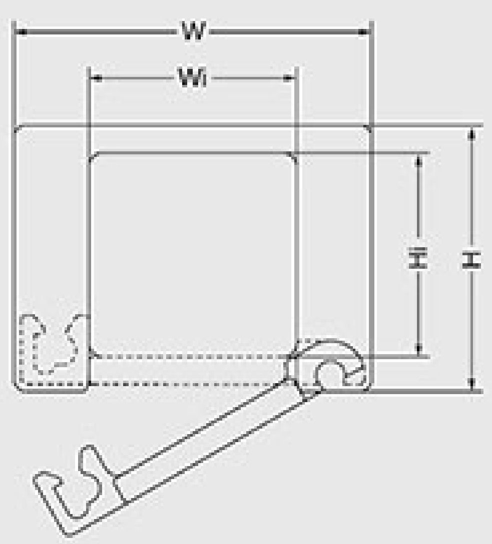
实际安装高度: $H_S=H_L+20mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=40（1000mm）

The required clearance height: $H_S=H_L+0.79in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=40（39.37 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

FN15 拖链–产品规格范围
FN15 Cable Chain–Product specifications

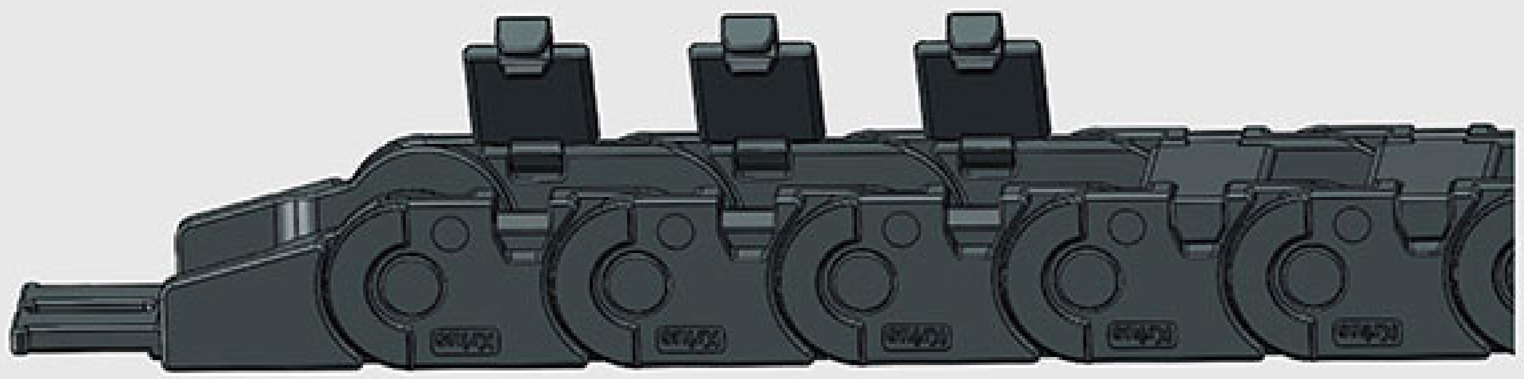
FN15拖链–内侧可开 FN15 Cable Chain–Inner can be opened



产品代码结构
Part Number Structure

FN1515*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)

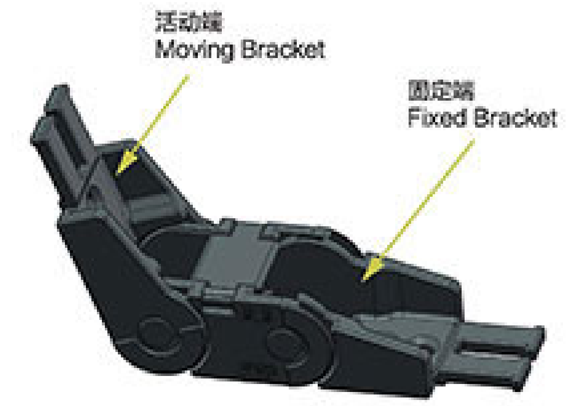


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
FN1515		15 (0.59)	15.2 (0.60)	19.5 (0.77)	26.2 (1.03)	0.30 (0.20)	
FN1520			20.2 (0.80)		31.2 (1.23)	0.31 (0.21)	
FN1530			30.2 (1.19)		41.2 (1.62)	0.35 (0.24)	
FN1540			40.2 (1.58)		51.2 (2.02)	0.41 (0.28)	
FN1550			50.2 (1.98)		61.2 (2.41)	0.44 (0.30)	

订货范例 Order details FN1515 * R28 * 1000mm * 2

R	Hı	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
25 (0.98)	70 (2.76)	60 (2.36)	130 (5.12)	25 (0.98)
28 (1.10)	76 (2.99)	66 (2.59)	140 (5.52)	25 (0.98)
38 (1.50)	96 (3.79)	76 (2.99)	170 (6.69)	25 (0.98)
48 (1.90)	116 (4.59)	86 (3.39)	200 (7.87)	25 (0.98)

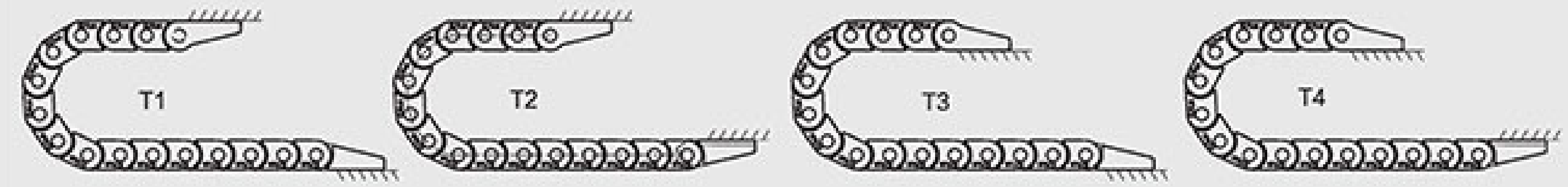
FN15 拖链–拖链接头
FN15 Cable Chain–Mounting Bracket

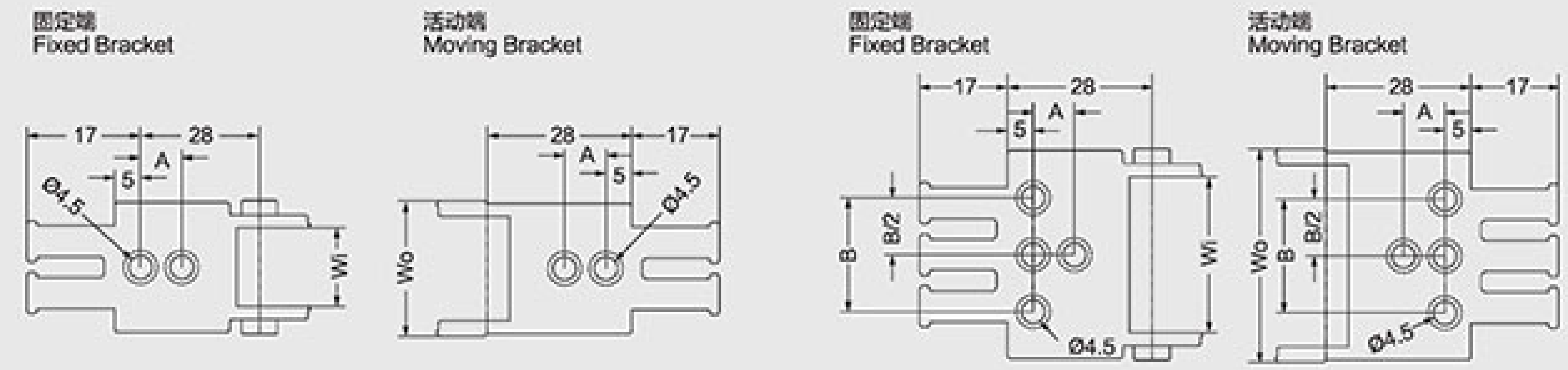


塑料接头，整体式 Plastic Mounting Bracket, Integrated type

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

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





FN1515 FN1520

FN1530 FN1540 FN1550

拖链型号 Type	拖链编码 Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	A尺寸 Dimension A	B尺寸 Dimension B
			mm (in.)	mm (in.)	mm (in.)
FN1515	13196	13190	26.2 (1.03)	8 (0.31)	–
FN1520	13197	13192	31.2 (1.23)		–
FN1530	13198	13193	41.2 (1.62)		22 (0.87)
FN1540	13199	13194	51.2 (2.02)		32 (1.26)
FN1550	13200	13195	61.2 (2.41)		42 (1.65)

产品代码结构 Part Number Structure

FN1515*B*T1

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

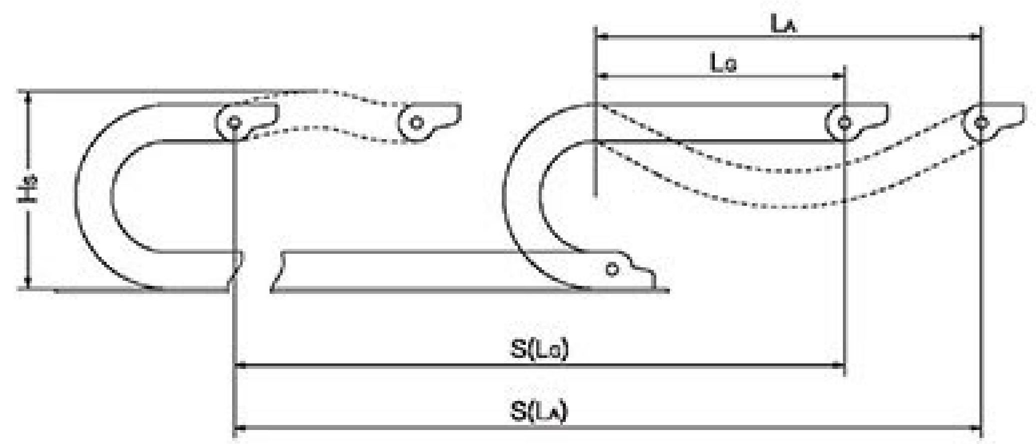
FN1515 *B*T1*n	两端接头	On both brackets
FN1515*f*T1*n	固定端接头	Fixed bracket
FN1515*m*T1*n	活动端接头	Moving bracket

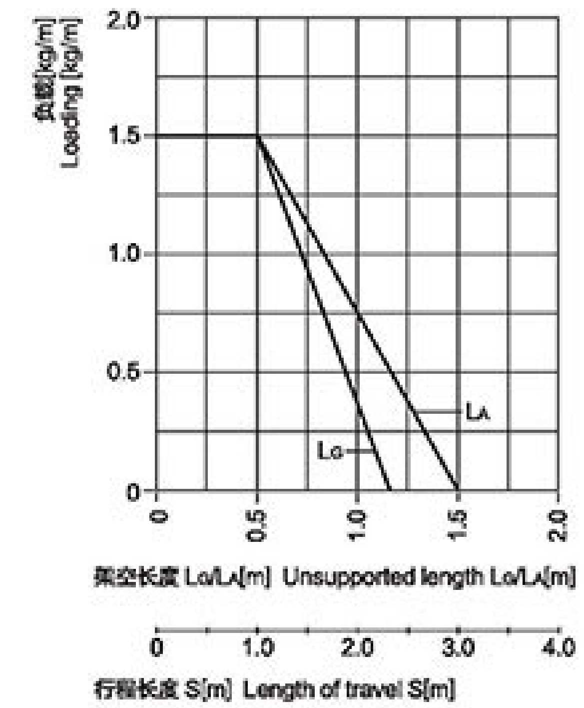
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

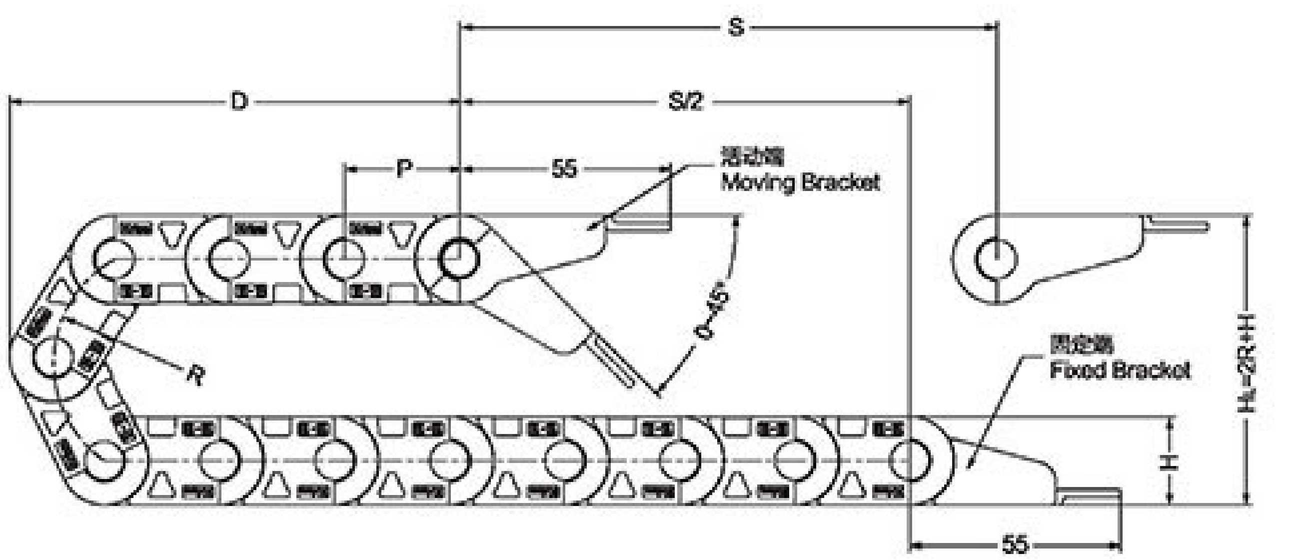
FN18拖链-安装尺寸及技术参数
FN18 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
28 (1.10)	79 (3.11)	66 (2.59)	150 (5.91)	30 (1.18)
38 (1.50)	99 (3.90)	86 (3.39)	180 (7.09)	30 (1.18)
48 (1.90)	119 (4.69)	106 (4.17)	210 (8.27)	30 (1.18)
75 (2.95)	173 (6.81)	160 (6.30)	295 (11.61)	30 (1.18)
100 (3.94)	223 (8.78)	210 (8.27)	375 (14.76)	30 (1.18)
110 (4.33)	243 (9.57)	230 (9.06)	405 (15.94)	30 (1.18)
125 (4.92)	273 (10.75)	260 (10.24)	450 (17.71)	30 (1.18)
145 (5.71)	313 (12.32)	290 (11.42)	515 (20.28)	30 (1.18)
180 (7.09)	383 (15.08)	370 (14.57)	625 (24.61)	30 (1.18)

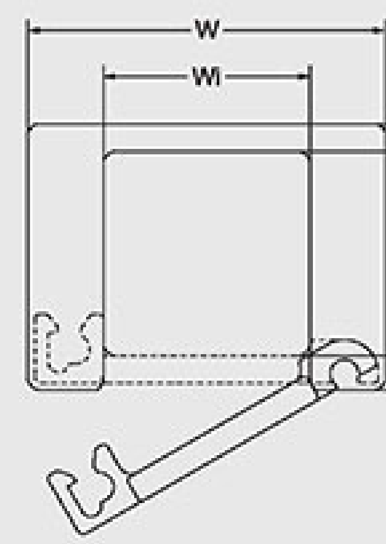
实际安装高度: $H_S=H_L+20mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=33（990mm）

The required clearance height: $H_S=H_L+0.79in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=33（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

FN18 拖链-产品规格范围
FN18 Cable Chain-Product specifications

FN18拖链-内侧可开 FN18 Cable Chain-Inner can be opened



产品代码结构
Part Number Structure

FN1818*R*L*n

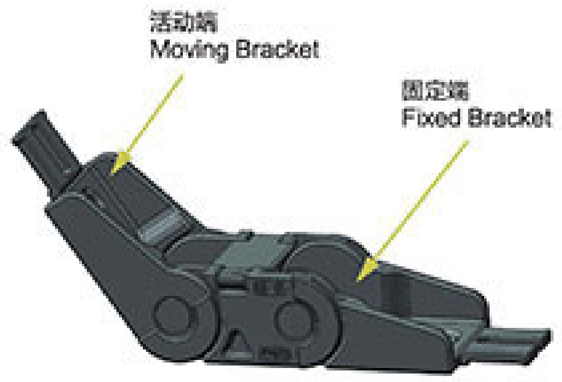
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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)	
FN1818		18 (0.71)	18.2 (0.72)	23 (0.91)	30.2 (1.19)	0.37 (0.25)	
FN1825			25.2 (0.99)		37.2 (1.46)	0.41 (0.28)	
FN1835			35.2 (1.39)		47.2 (1.86)	0.45 (0.31)	
FN1840			40.2 (1.58)		52.2 (2.06)	0.47 (0.32)	
FN1850			50.2 (1.98)		62.2 (2.46)	0.55 (0.37)	

订货范例 Order details **FN1818 * R28 * 1000mm * 2**

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
28 (1.10)	79 (3.11)	66 (2.59)	150 (5.91)	30 (1.18)
38 (1.50)	99 (3.90)	86 (3.39)	180 (7.09)	30 (1.18)
48 (1.90)	119 (4.69)	106 (4.17)	210 (8.27)	30 (1.18)
75 (2.95)	173 (6.81)	160 (6.30)	295 (11.61)	30 (1.18)
100 (3.94)	223 (8.78)	210 (8.27)	375 (14.76)	30 (1.18)
110 (4.33)	243 (9.57)	230 (9.06)	405 (15.94)	30 (1.18)
125 (4.92)	273 (10.75)	260 (10.24)	450 (17.71)	30 (1.18)
145 (5.71)	313 (12.32)	290 (11.42)	515 (20.28)	30 (1.18)
180 (7.09)	383 (15.08)	370 (14.57)	625 (24.61)	30 (1.18)

FN18 拖链-拖链接头
FN18 Cable Chain-Mounting Bracket

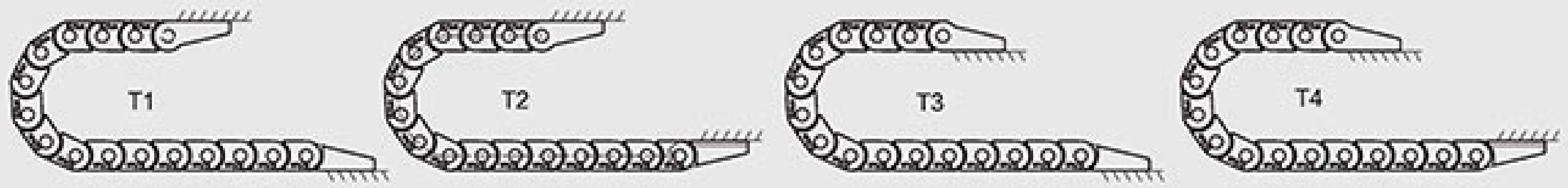


塑料接头，整体式 Plastic Mounting Bracket, Integrated type

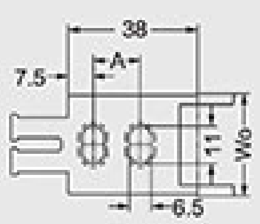
- 整体式接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 带有去应力梳状片
- 可实现内外连接

- Integrated type Mounting Bracket
- Anti-corrosion, Rub-resistance
- Available preassembly form
- With strain relief tie-wrap plates
- Can realize the internal and external connections

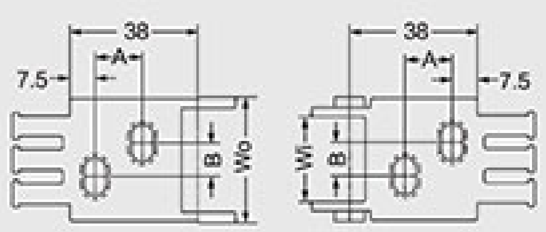
可选配的接头安装方式 Available installation methods



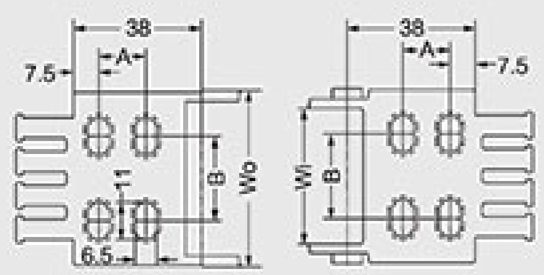
活动端 Moving Bracket | 固定端 Fixed Bracket | 活动端 Moving Bracket | 固定端 Fixed Bracket | 活动端 Moving Bracket | 固定端 Fixed Bracket



FN1818



FN1825 / FN1835



FN1840 / FN1850

拖链型号 Type	拖链编码 Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	A尺寸 Dimension A	B尺寸 Dimension B
			mm (in.)	mm (in.)	mm (in.)
FN1818	13206	13201	30.2 (1.19)	14 (0.55)	–
FN1825	13207	13202	37.2 (1.46)		10 (0.39)
FN1835	13208	13203	47.2 (1.86)		20 (0.79)
FN1840	13209	13204	52.2 (2.06)		25 (0.98)
FN1850	13210	13205	62.2 (2.46)		35 (1.38)

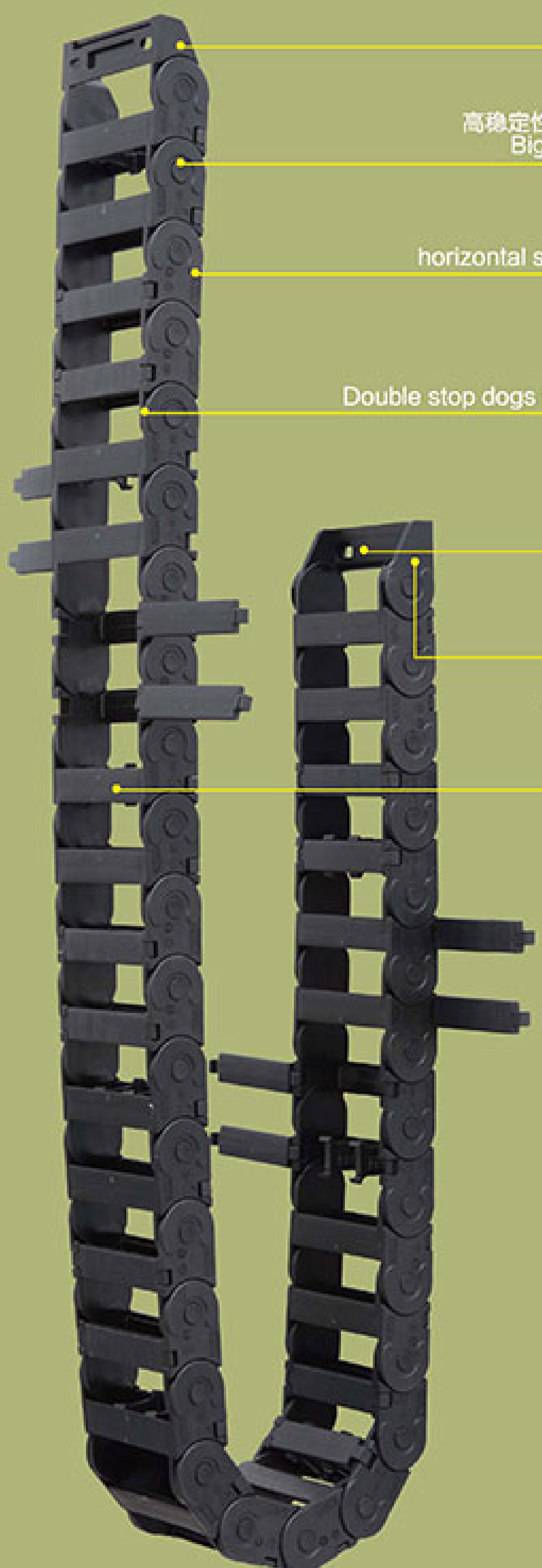
产品代码结构 Part Number Structure

FN1818*B*T1

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

FN1818 *B*T1*n	两端接头 On both brackets
FN1818*f*T1*n	固定端接头 Fixed bracket
FN1818*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.



LIGHTWEIGHT

Lightweight Type-EN·EW Cable Chain

轻便型EN · EW系列拖链

轻便型EN · EW系列拖链
Lightweight Type-EN·EW 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

功能特点 Features & Benefits

- 横杆在内侧或外侧均可打开
- 节距小，噪音低
- 阻燃等级UL94 V-2
- 配有整体式带梳状片接头
- 外形设计美观、大方
- 耐磨擦、耐腐蚀，滑行应用
- 可以组装成"S"型拖链

- Cross bars can be opened along inwards or outwards radius
- Small pitch, low noise
- Flammability class UL94 V-2
- Integrated bracket with tie-wrap clamp optional
- Beautiful and decent appearance design
- Anti-corrosion, Rub-resistance, Gliding application
- Assembled as S-shaped chain

便于拆装 Easy disassembly

装 Install　　拆 dismantle

轻便型拖链的适用场合 Application

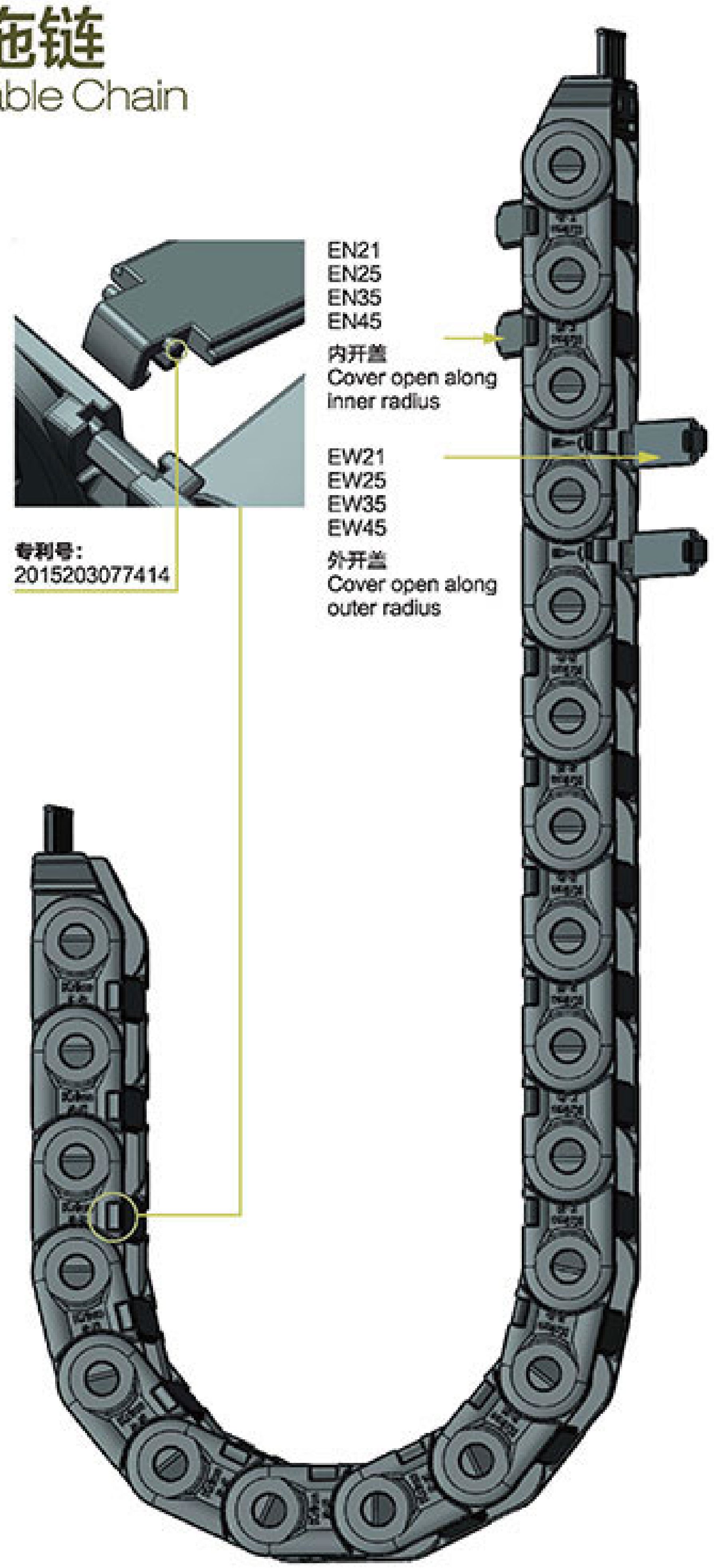
- 低负荷场合应用
- 行程≤150m

- For low loading
- Travel distance ≤150m

轻便型拖链的不适用场合 Not applicable

- 环境比较恶劣
- 超重载荷运行

- The environment is more bad
- Not for overloading operation



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

EN2125*R38*1000*2　(2条长度1米的拖链，内开盖)

EN2125*B*T1*1　(1副接头，T1安装方式)

Please mark the length or link number, such as 1 meter or 30 links

EN2125*R38*1000*2　(2 pieces of 1-meter-long cable chain, cover open along inner radius)

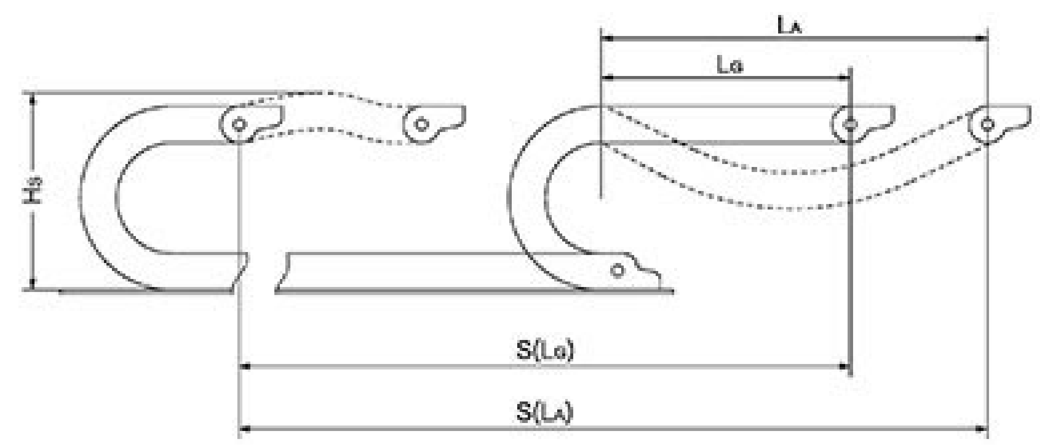
EN2125*B*T1*1　(1 piece of connector, T1 installation method)

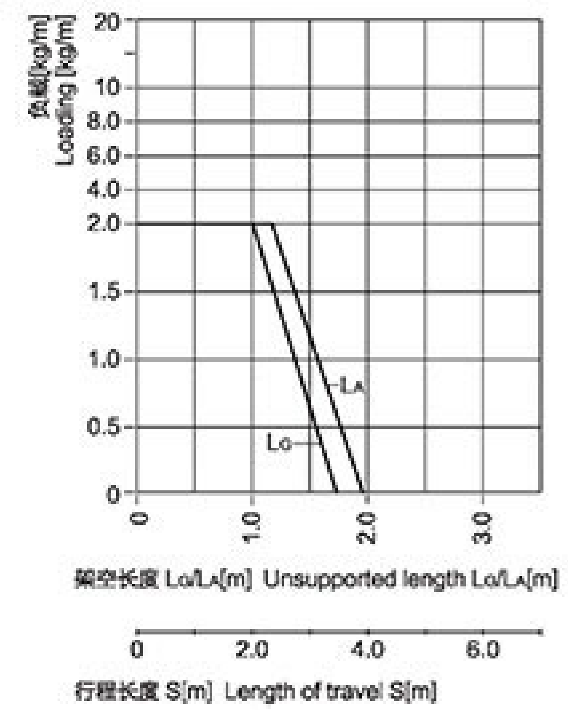
EN21 · EW21 拖链-安装尺寸及技术参数
EN21 · EW21 Cable Chain-Installation Dimensions and Technical Parameters

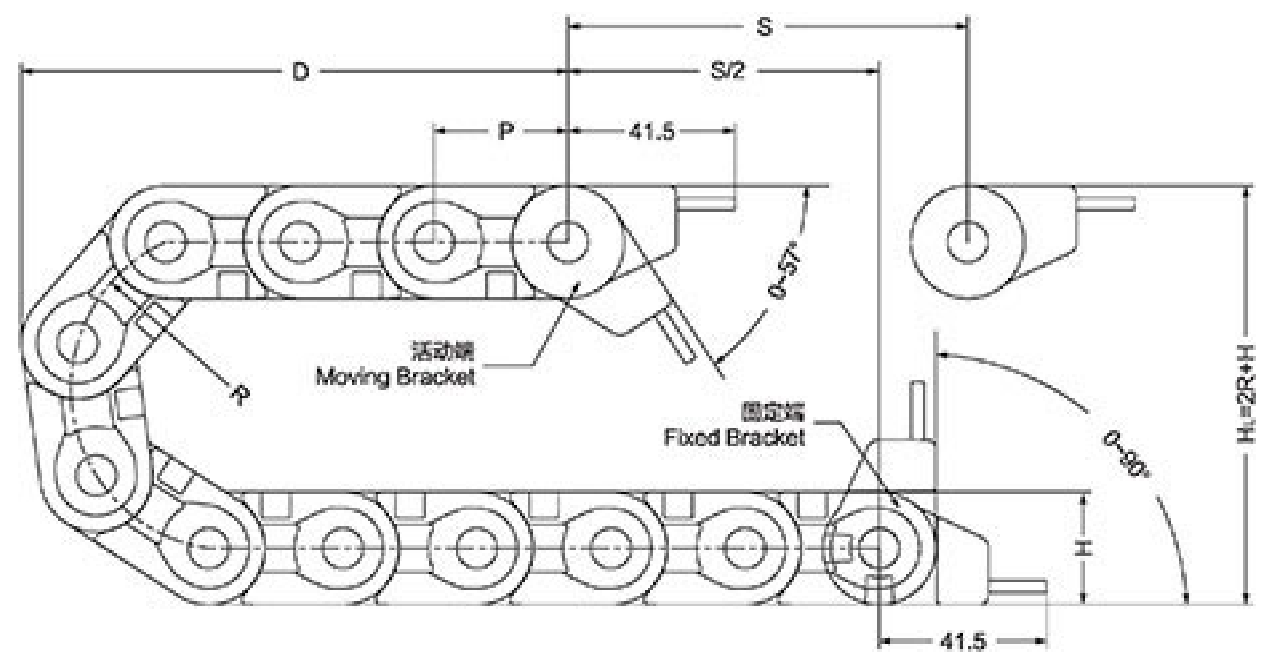
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
35 (1.38)	98 (3.86)	80 (3.15)	165 (6.50)	33.3 (1.31)
38 (1.50)	104 (4.09)	86 (3.39)	175 (6.89)	33.3 (1.31)
48 (1.90)	124 (4.88)	106 (4.17)	205 (8.07)	33.3 (1.31)
75 (2.95)	178 (7.01)	160 (6.30)	290 (11.42)	33.3 (1.31)
100 (3.94)	228 (8.98)	210 (8.27)	370 (14.57)	33.3 (1.31)
125 (4.92)	278 (10.94)	260 (10.24)	450 (17.72)	33.3 (1.31)
145 (5.71)	318 (12.52)	300 (11.81)	510 (20.08)	33.3 (1.31)
180 (7.09)	388 (15.28)	370 (14.57)	620 (24.41)	33.3 (1.31)

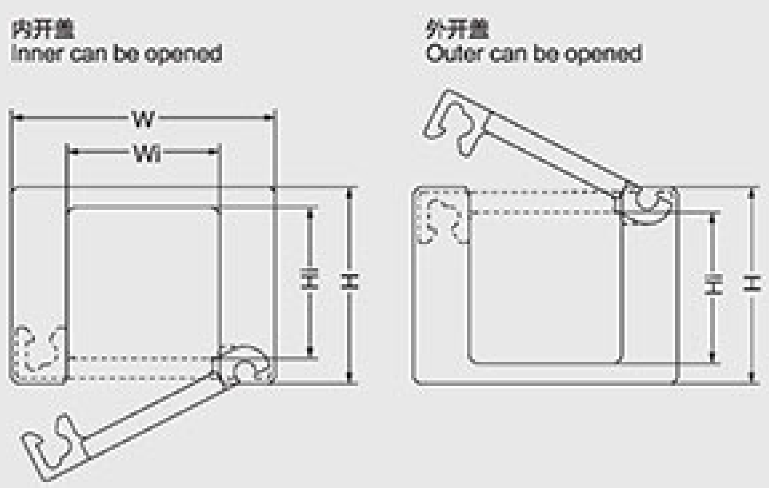
实际安装高度: $H_S=H_L+20mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=30（990mm）

The required clearance height: $H_S=H_L+0.79in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=30（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

EN21 · EW21 拖链–产品规格范围
EN21 · EW21 Cable Chain–Product specifications

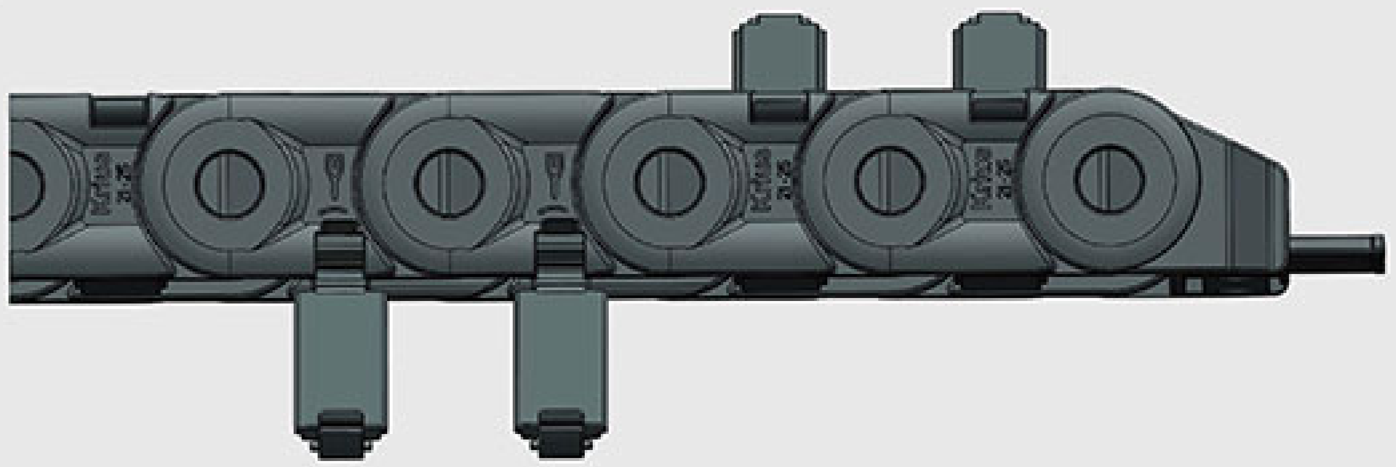
EN21 · EW21拖链–内侧或外侧均可打开 EN21 · EW21 Cable Chain–Inner or outer can be opened



产品代码结构
Part Number Structure

EN2125*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)



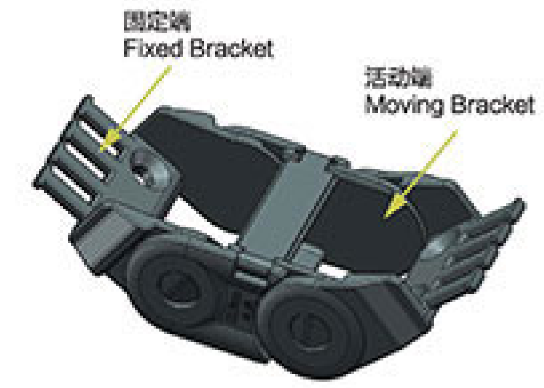
型号 Type		弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
		mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
EN2125	EW2125		21 (0.83)	25.2 (0.99)	28 (1.10)	37.8 (1.49)	0.42 (0.29)	
EN2138	EW2138			38.2 (1.50)		50.8 (2.00)	0.45 (0.31)	
EN2150	EW2150			50.2 (1.98)		62.8 (2.47)	0.50 (0.34)	
EN2168	EW2168			68.2 (2.69)		80.8 (3.18)	0.75 (0.51)	
EN2180	EW2180			80.2 (3.16)		92.8 (3.65)	0.96 (0.65)	
EN21100	EW21100			100.2 (3.94)		112.8 (4.44)	1.02 (0.69)	
EN21125	EW21125			125.2 (4.93)		137.8 (5.53)	1.32 (0.90)	

订货范例
Order details

EN2125 * R75 * 1000mm * 2

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
35 (1.38)	98 (3.86)	80 (3.15)	165 (6.50)	33.3 (1.31)
38 (1.50)	104 (4.09)	86 (3.39)	175 (6.89)	33.3 (1.31)
48 (1.90)	124 (4.88)	106 (4.17)	205 (8.07)	33.3 (1.31)
75 (2.95)	178 (7.01)	160 (6.30)	290 (11.42)	33.3 (1.31)
100 (3.94)	228 (8.98)	210 (8.27)	370 (14.57)	33.3 (1.31)
125 (4.92)	278 (10.94)	260 (10.24)	450 (17.72)	33.3 (1.31)
145 (5.71)	318 (12.52)	300 (11.81)	510 (20.08)	33.3 (1.31)
180 (7.09)	388 (15.28)	370 (14.57)	620 (24.41)	33.3 (1.31)

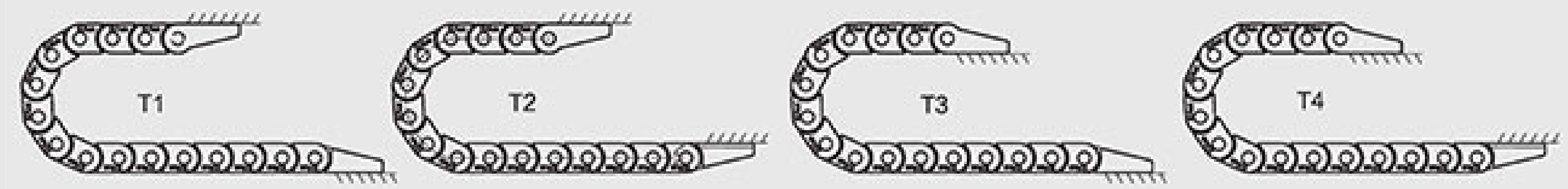
EN21 · EW21 拖链–拖链接头
EN21 · EW21 Cable Chain–Mounting Bracket

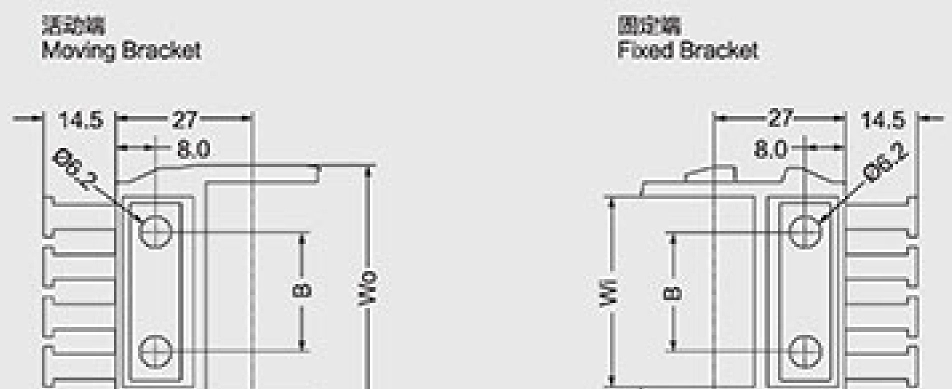


塑料接头，整体式 Plastic Mounting Bracket, Integrated type

- 整体式接头 · Integrated type Mounting Bracket
- 耐腐蚀&耐磨擦 · Anti-corrosion, Rub-resistance
- 可提供预装配形式 · Available preassembly form
- 可实现内外连接 · Can realize the internal and external connections

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





EN2125 / EW2125
EN2138 / EW2138
EN2150 / EW2150
EN2168 / EW2168
EN2180 / EW2180
EN21100 / EW21100
EN21125 / EW21125

拖链型号 Type		拖链编码 Code	主体编码 Main Body Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
					mm (in.)	mm (in.)
EN2125	EW2125	14231	14229	14230	37.8 (1.49)	13 (0.51)
EN2138	EW2138	14234	14232	14233	50.8 (2.00)	24 (0.94)
EN2150	EW2150	14237	14235	14236	62.8 (2.47)	36 (1.42)
EN2168	EW2168	14240	14238	14239	80.8 (3.18)	54 (2.13)
EN2180	EW2180	14243	14241	14242	92.8 (3.65)	66 (2.60)
EN21100	EW21100	14246	14244	14245	112.8 (44.4)	86 (3.39)
EN21125	EW21125	14249	14247	14248	137.8 (5.53)	111 (4.37)

产品代码结构 Part Number Structure

EN2125*B*T1

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

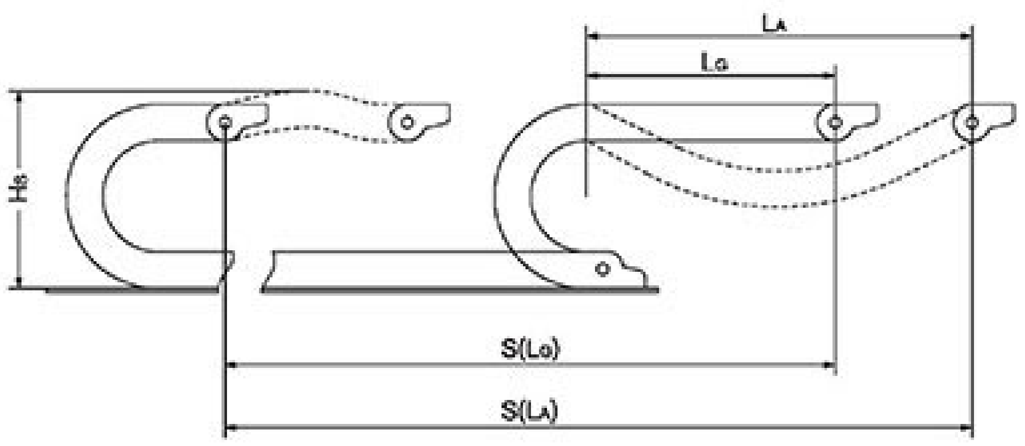
EN2125*B*T1*n	两端接头 On both brackets
EN2125*f*T1*n	固定端接头 Fixed bracket
EN2125*m*T1*n	活动端接头 Moving bracket

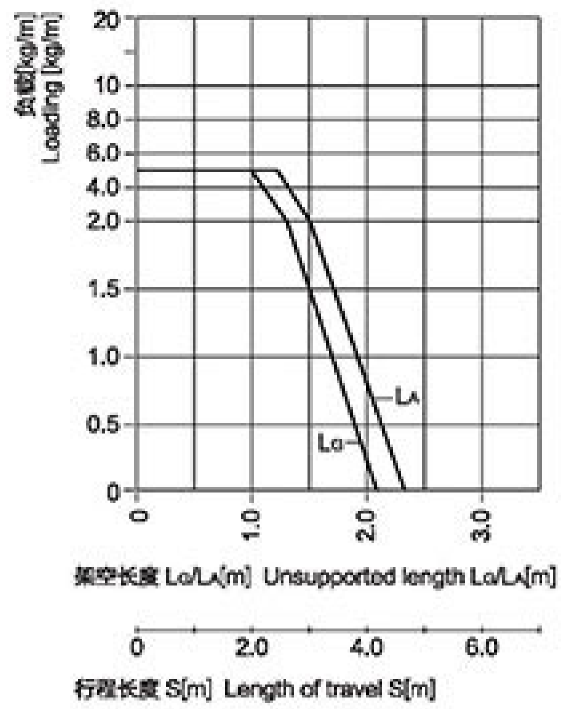
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

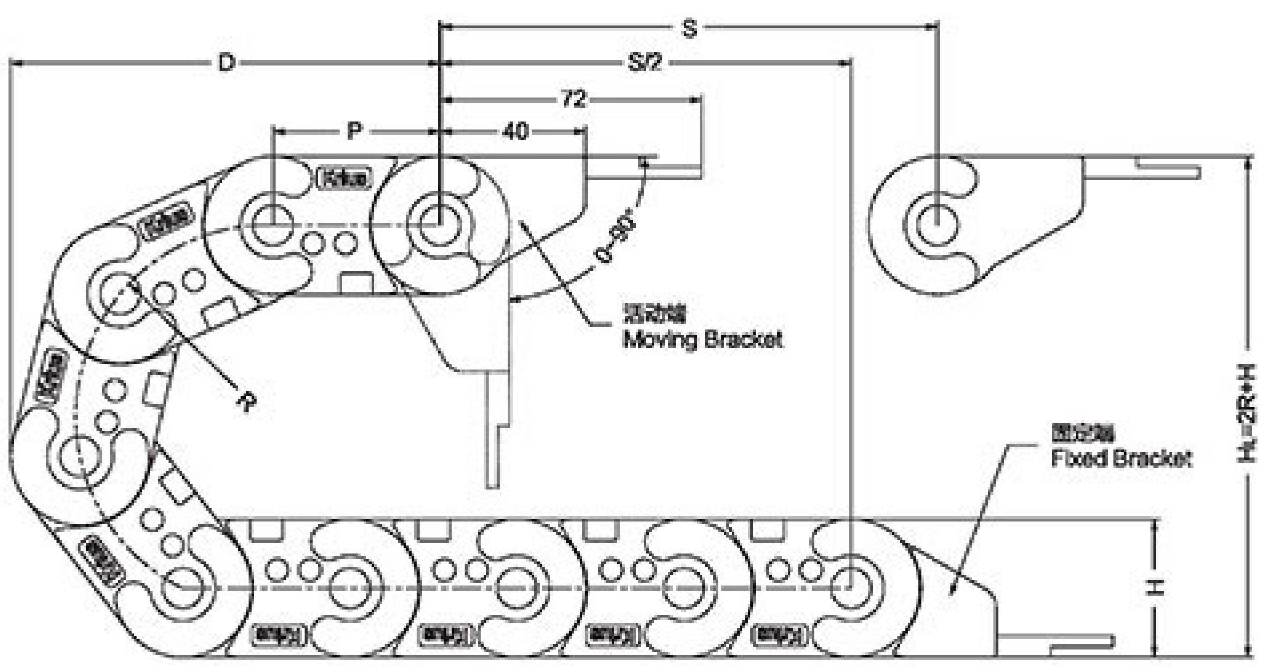
EN25 · EW25 拖链–安装尺寸及技术参数
EN25 · EW25 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
55 (2.17)	148 (5.83)	120 (4.72)	265 (10.42)	46 (1.81)
75 (2.95)	188 (7.40)	160 (6.30)	330 (12.99)	46 (1.81)
100 (3.94)	238 (9.37)	210 (8.27)	405 (15.94)	46 (1.81)
125 (4.92)	288 (11.34)	260 (10.24)	485 (19.09)	46 (1.81)
150 (5.91)	338 (13.31)	310 (12.20)	565 (22.24)	46 (1.81)
200 (7.87)	438 (17.24)	410 (16.14)	720 (28.36)	46 (1.81)

实际安装高度: $H_S=H_L+35mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=22（1012mm）

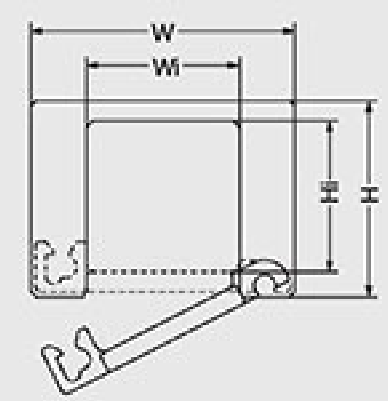
The required clearance height: $H_S=H_L+1.38in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=22（39.84 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA–40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V–2

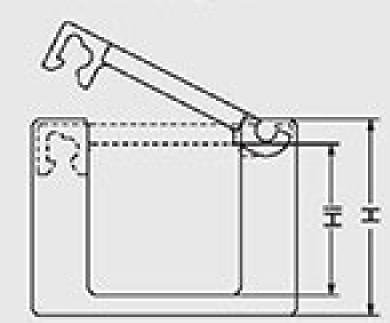
EN25 · EW25 拖链–产品规格范围
EN25 · EW25 Cable Chain–Product specifications

EN25 · EW25拖链–内侧或外侧均可打开 EN25 · EW25 Cable Chain–Inner or outer can be opened

内开盖
Inner can be opened



外开盖
Outer can be opened

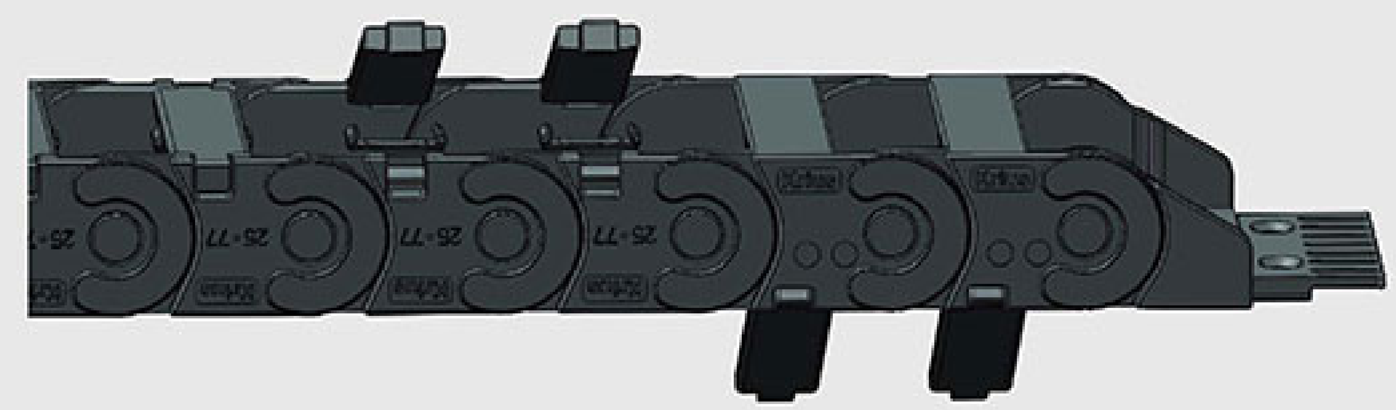


产品代码结构
Part Number Structure

EN2525*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)

注：拖链在内侧打开（EN25系列）和在外侧打开（EW25）为两款拖链，订购时请注明
EN25 and EW25 are different item, please note when order



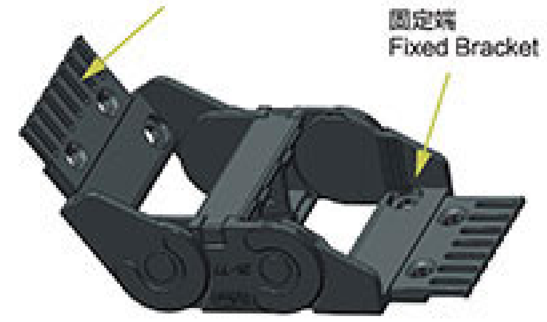
型号 Type		弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
		mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
EN2525	EW2525		25.4 (1.00)	25.3 (1.00)	38 (1.50)	42.7 (1.68)	0.84 (0.57)	
EN2538	EW2538			38.3 (1.51)		55.7 (2.19)	0.91 (0.62)	
EN2550	EW2550			50.3 (1.98)		67.7 (2.67)	0.95 (0.65)	
EN2557	EW2557			57.3 (2.26)		74.7 (2.94)	1.00 (0.68)	
EN2577	EW2577			77.3 (3.04)		94.7 (3.73)	1.17 (0.80)	

订货范例
Order details

EN2525 * R55 * 1000mm * 2

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
55 (2.17)	148 (5.83)	120 (4.72)	265 (10.42)	46 (1.81)
75 (2.95)	188 (7.40)	160 (6.30)	330 (12.99)	46 (1.81)
100 (3.94)	238 (9.37)	210 (8.27)	405 (15.94)	46 (1.81)
125 (4.92)	288 (11.34)	260 (10.24)	485 (19.09)	46 (1.81)
150 (5.91)	338 (13.31)	310 (12.20)	565 (22.24)	46 (1.81)
200 (7.87)	438 (17.24)	410 (16.14)	720 (28.36)	46 (1.81)

EN25 · EW25 拖链–拖链接头
EN25 · EW25 Cable Chain–Mounting Bracket

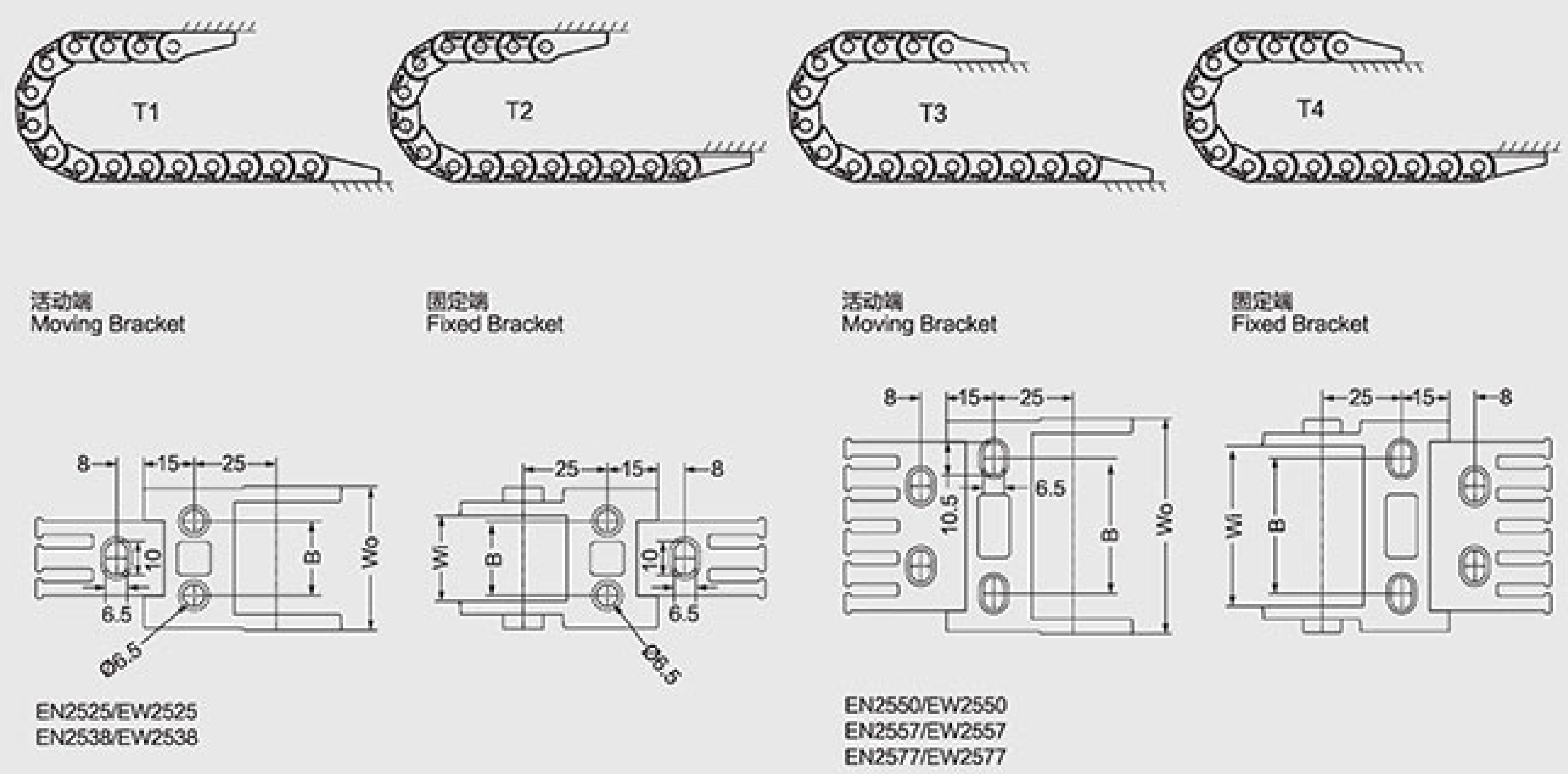


塑料接头，整体式 Plastic Mounting Bracket, Integrated type

- 整体式接头
- 耐腐蚀 & 耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Integrated type Mounting Bracket
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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



拖链型号 Type		拖链编码 Code	主体编码 Main Body Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
					mm (in.)	mm (in.)
EN2525	EW2525	13115	13105	13106	42.7 (1.68)	22 (0.87)
EN2538	EW2538	13116	13107	13108	55.7 (2.19)	35.2 (1.39)
EN2550	EW2550	13117	13109	13110	67.7 (2.67)	42.3 (1.67)
EN2557	EW2557	13118	13111	13112	74.7 (2.94)	47.8 (1.88)
EN2577	EW2577	13119	13113	13114	94.7 (3.73)	67.8 (2.67)

产品代码结构 Part Number Structure

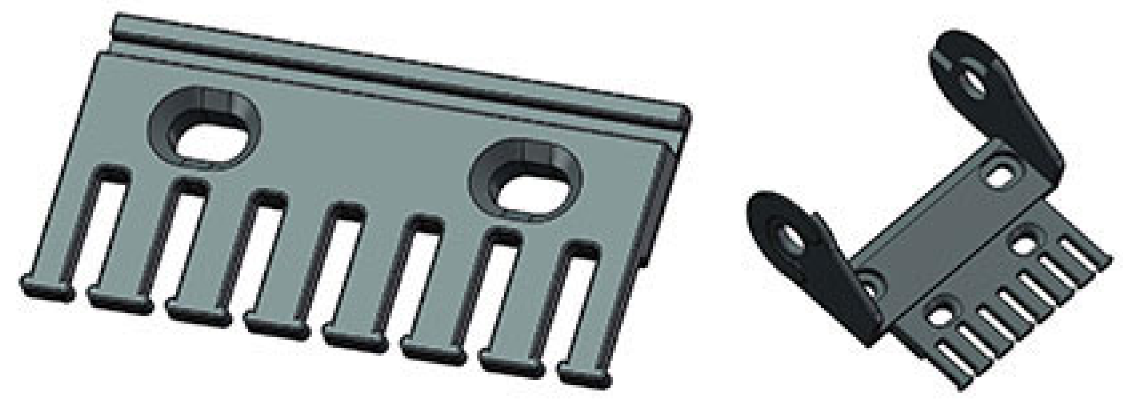
EN2525*B*T1

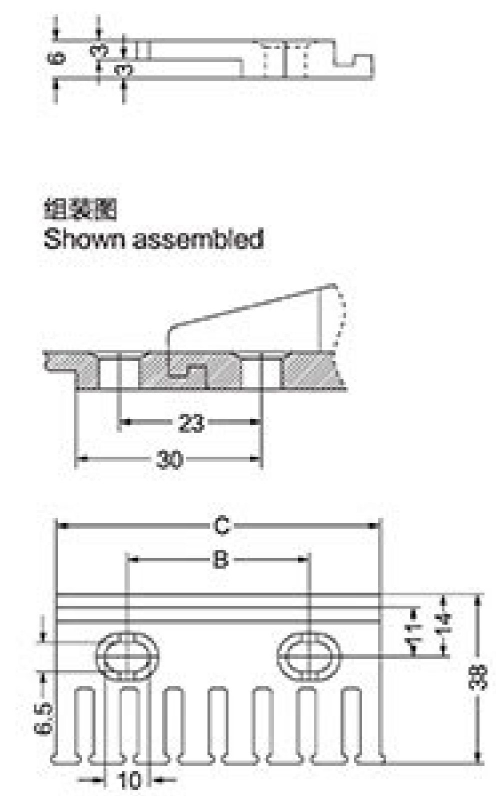
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

EN2525*B*T1*n	两端接头 On both brackets
EN2525*f*T1*n	固定端接头 Fixed bracket
EN2525*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.

EN25 · EW25 拖链–梳状板
EN25 · EW25 Cable Chain–Tie-wrap plate





梳状板为独立部件，可根据需要进行选配
Tie-wrap is spare part independent, you can mark use or not when order

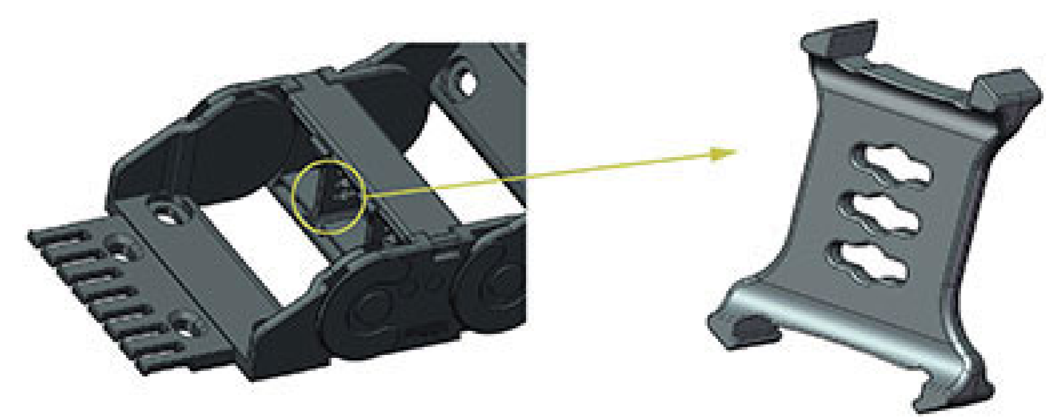
选配代码结构
Part Number Structure

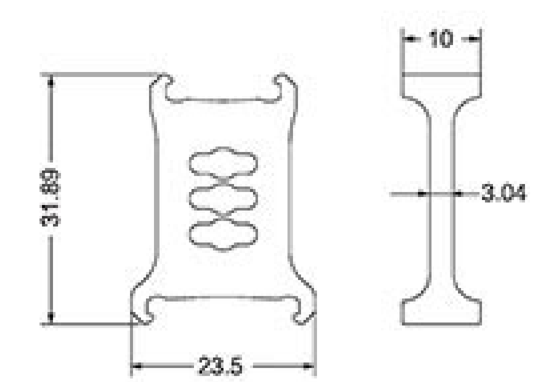
EN2525+梳妆片 (tie-wrap plate)

- 内宽 (Inner Width)
- 型号 (Type)

型号 Type	齿数 Teeth NO.	尺寸B Dimension B	尺寸C Dimension C	编码 Code
EN2525 EW2525	3 (0.12)	–	22 (0.87)	11131
EN2538 EW2538	4 (0.16)	15 (0.59)	34 (1.34)	11131
EN2550 EW2550	6 (0.24)	25 (0.89)	53 (2.09)	11132
EN2557 EW2557	6 (0.24)	25 (0.89)	53 (2.09)	11132
EN2577 EW2577	8 (0.31)	41 (1.61)	73 (2.87)	11133

EN25 · EW25 拖链–隔离片
EN25 · EW25 Cable Chain–Separator





EN25 · EW25拖链隔离片编码：13120
The separator No. for EN25 · EW25:13120

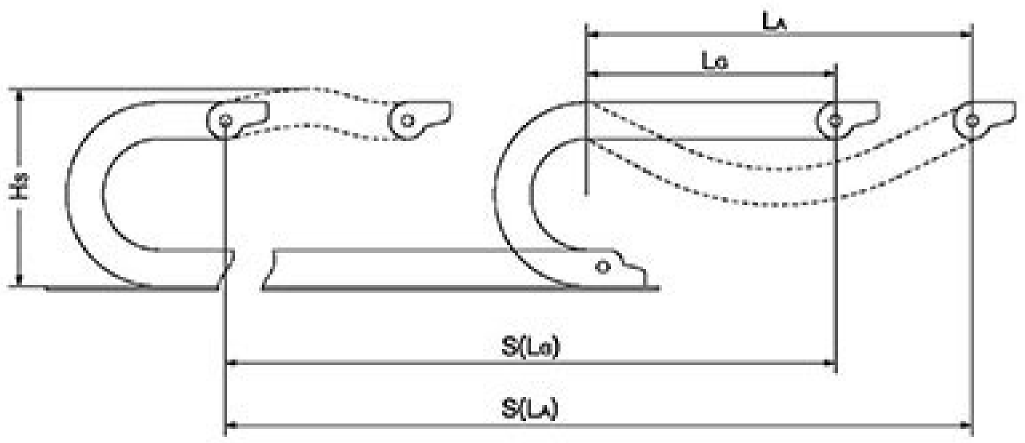
- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

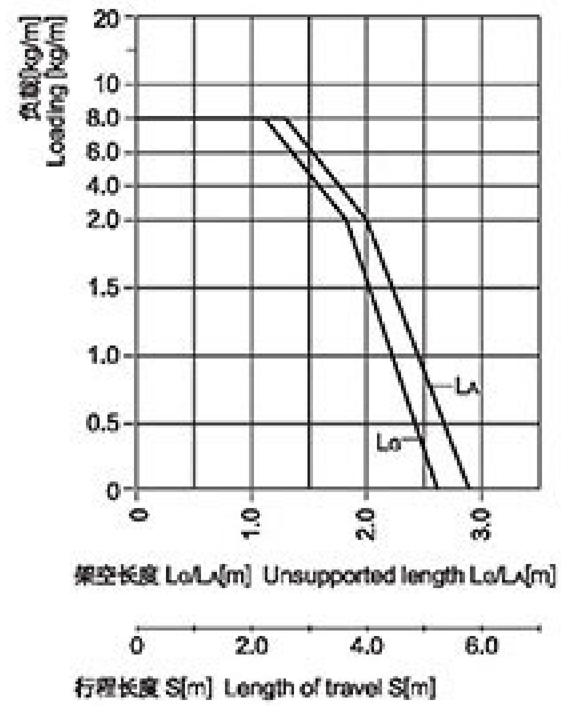
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separators can be moved for different cable

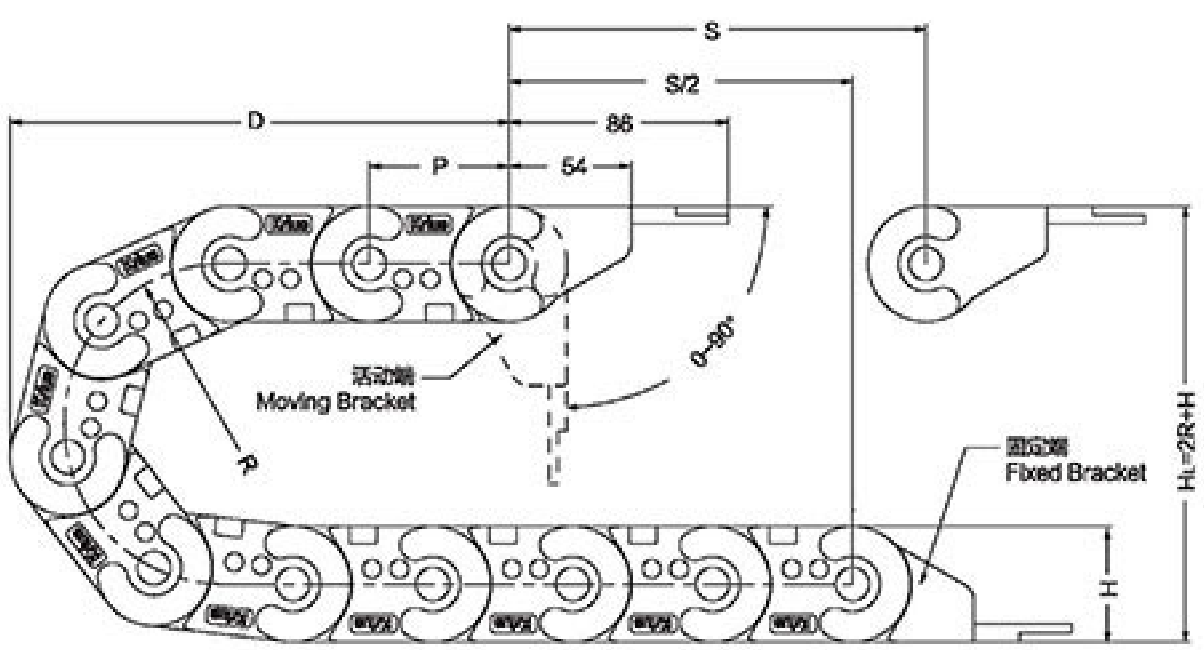
EN35 · EW35 拖链–安装尺寸及技术参数
EN35 · EW35 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
63 (2.17)	180 (7.09)	136 (5.35)	310 (12.20)	56 (2.20)
75 (2.95)	204 (8.03)	160 (6.30)	350 (13.78)	56 (2.20)
100 (3.94)	254 (10.00)	210 (8.27)	425 (16.73)	56 (2.20)
125 (4.92)	304 (11.97)	260 (10.24)	505 (19.88)	56 (2.20)
150 (5.91)	354 (13.94)	310 (12.20)	585 (23.03)	56 (2.20)
175 (6.89)	404 (15.91)	360 (14.17)	660 (25.98)	56 (2.20)
200 (7.87)	454 (17.87)	410 (16.14)	740 (29.13)	56 (2.20)
250 (9.84)	554 (21.81)	510 (20.08)	895 (35.24)	56 (2.20)
300 (11.81)	654 (25.75)	610 (24.02)	1055 (41.54)	56 (2.20)

实际安装高度: $H_S=H_L+50mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=18（1008mm）

The required clearance height: $H_S=H_L+1.97in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=18（39.69 in.）

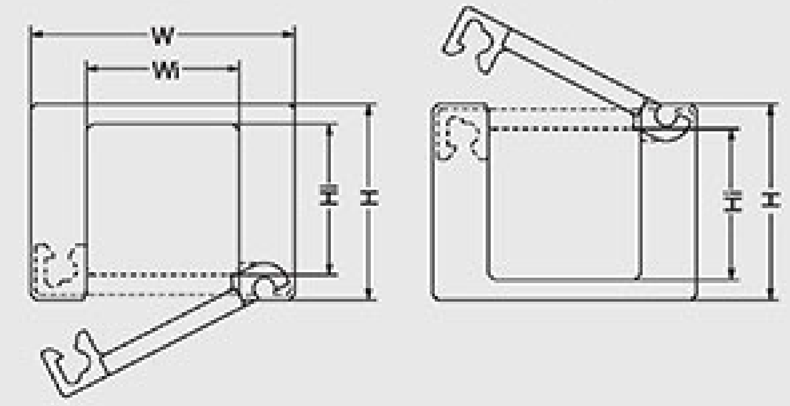
技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

EN35 · EW35 拖链–产品规格范围
EN35 · EW35 Cable Chain–Product specifications

EN35 · EW35拖链–内侧或外侧均可打开 EN35 · EW35 Cable Chain–Inner or outer can be opened

内开盖
Inner can be opened

外开盖
Outer can be opened



产品代码结构
Part Number Structure

EN3550*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)

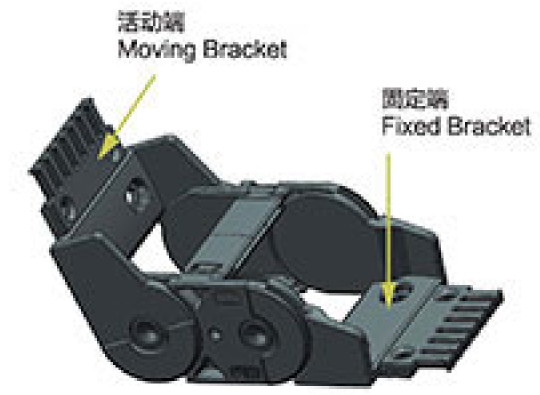
注：拖链在内侧打开（EN35系列）和在外侧打开（EW35）为两款拖链，订购时请注明
EN35 and EW35 are different item,please note when order

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 (ibs/ft)	
EN3550	EW3550		35.7 (1.41)	50 (1.97)	54(2.13)	75 (2.95)	1.80 (1.22)	
EN3575	EW3575			75 (2.95)		100 (3.94)	2.00 (1.36)	
EN35100	EW35100			100 (3.94)		125 (4.92)	2.21 (1.50)	
EN35125	EW35125			125 (4.92)		150 (5.91)	2.43 (2.65)	

订货范例
Order details
EN3550 * R75 * 1000mm * 2

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
63 (2.17)	180 (7.09)	136 (5.35)	310 (12.20)	56 (2.20)
75 (2.95)	204 (8.03)	160 (6.30)	350 (13.78)	56 (2.20)
100 (3.94)	254 (10.00)	210 (8.27)	425 (16.73)	56 (2.20)
125 (4.92)	304 (11.97)	260 (10.24)	505 (19.88)	56 (2.20)
150 (5.91)	354 (13.94)	310 (12.20)	585 (23.03)	56 (2.20)
175 (6.89)	404 (15.91)	360 (14.17)	660 (25.98)	56 (2.20)
200 (7.87)	454 (17.87)	410 (16.14)	740 (29.13)	56 (2.20)
250 (9.84)	554 (21.81)	510 (20.08)	895 (35.24)	56 (2.20)
300 (11.81)	654 (25.75)	610 (24.02)	1055 (41.54)	56 (2.20)

EN35 · EW35 拖链–拖链接头
EN35 · EW35 Cable Chain–Mounting Bracket

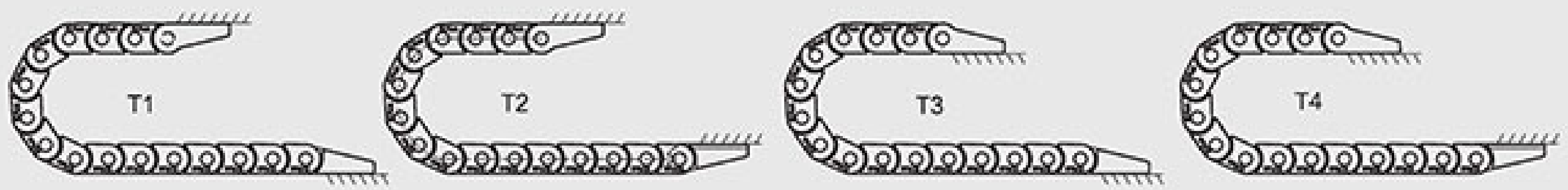


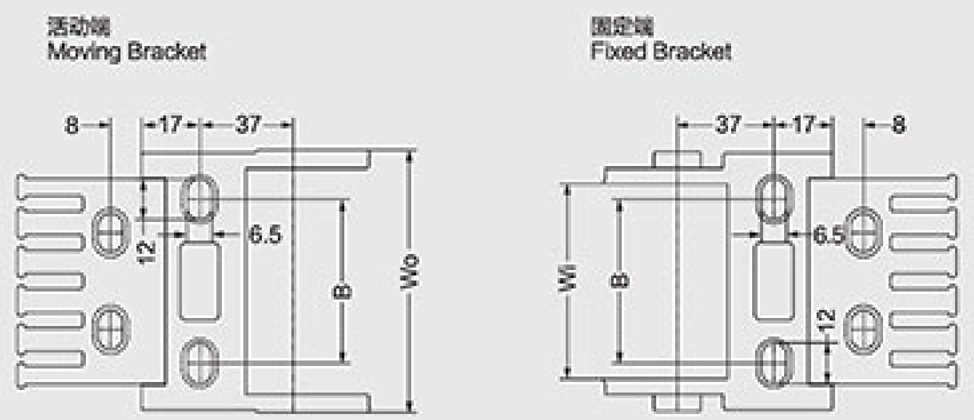
塑料接头，整体式 Plastic Mounting Bracket, Integrated type

- 整体式接头
- 耐腐蚀＆耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Integrated type Mounting Bracket
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





EN3550 / EW3550
EN3575 / EW3575
EN35100 / EW35100
EN35125 / EW35125

拖链型号 Type		拖链编码 Code	主体编码 Main Body Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
					mm (in.)	mm (in.)
EN3550	EW3550	13176	13168	13172	75 (2.95)	30 (1.18)
EN3575	EW3575	13177	13169	13173	100 (3.94)	55 (2.17)
EN35100	EW35100	13178	13170	13174	125 (4.92)	80 (3.15)
EN35125	EW35125	13179	13171	13175	150 (5.91)	105 (4.13)

产品代码结构 Part Number Structure

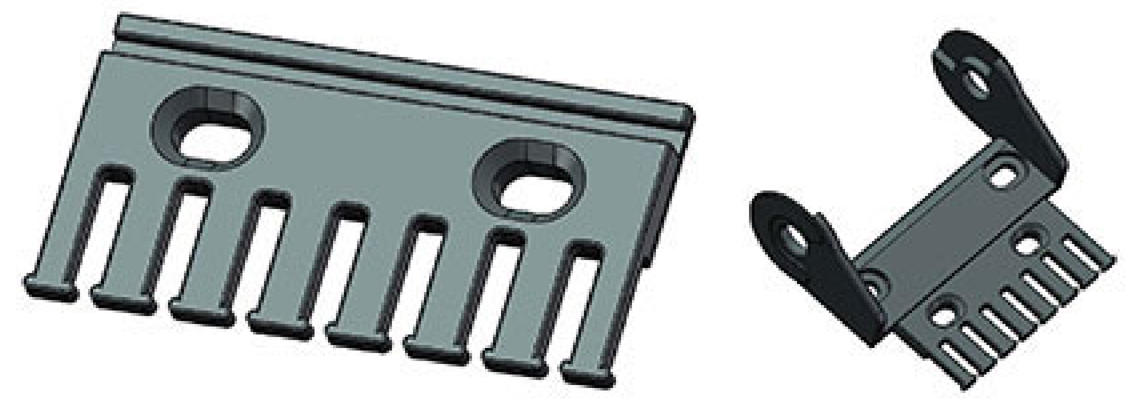
EN3550*B*T1

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

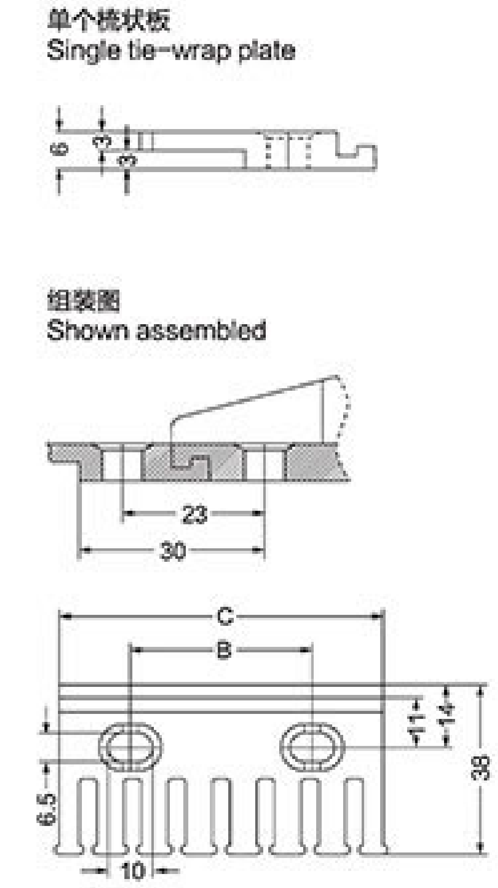
EN3550*B*T1*n	两端接头 On both brackets
EN3550*f*T1*n	固定端接头 Fixed bracket
EN3550*m*T1*n	活动端接头 Moving bracket

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.

EN35 · EW35 拖链–梳状板
EN35 · EW35 Cable Chain–Tie-wrap plate



梳状板为独立部件，可根据需要进行选配
Tie-wrap is spare part independent, you can mark use or not when order



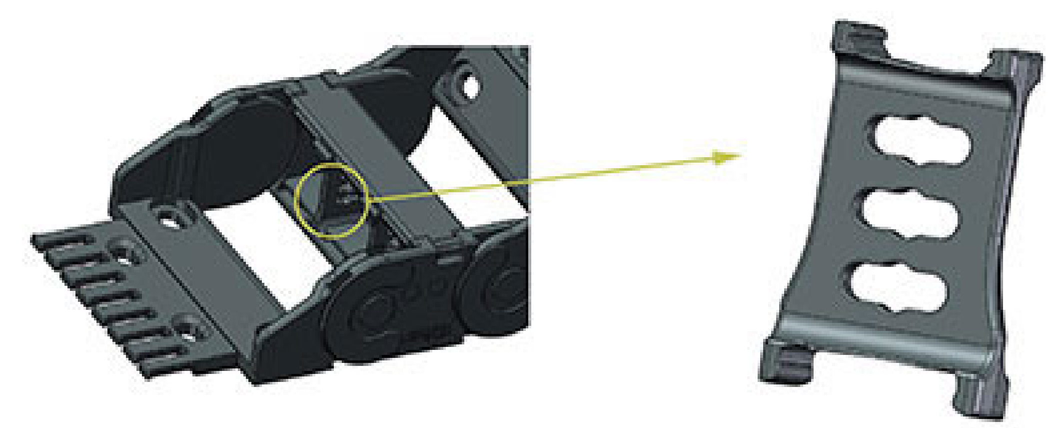
选配代码结构
Part Number Structure

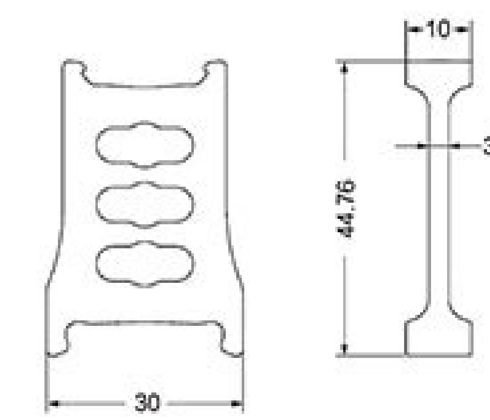
EN3550+梳状片 (Tie-wrap plate)

- 内宽 (Inner Width)
- 型号 (Type)

型号 Type	齿数 Teeth NO.	尺寸B Dimension B	尺寸C Dimension C	编码 Code
EN3550 EW3550	6 (0.24)	30 (1.18)	55 (2.17)	15024
EN3575 EW3575	8 (0.31)	55 (2.17)	75 (2.95)	15024
EN35100 EW35100	9 (0.35)	80 (3.15)	100 (3.94)	15025
EN35125 EW35125	9 (0.35)	105 (4.13)	125 (4.92)	15025

EN35 · EW35 拖链–隔离片
EN35 · EW35 Cable Chain–Separator





EN35 · EW35拖链隔离片编码：13180
The separator No. for EN35 · EW35:13180

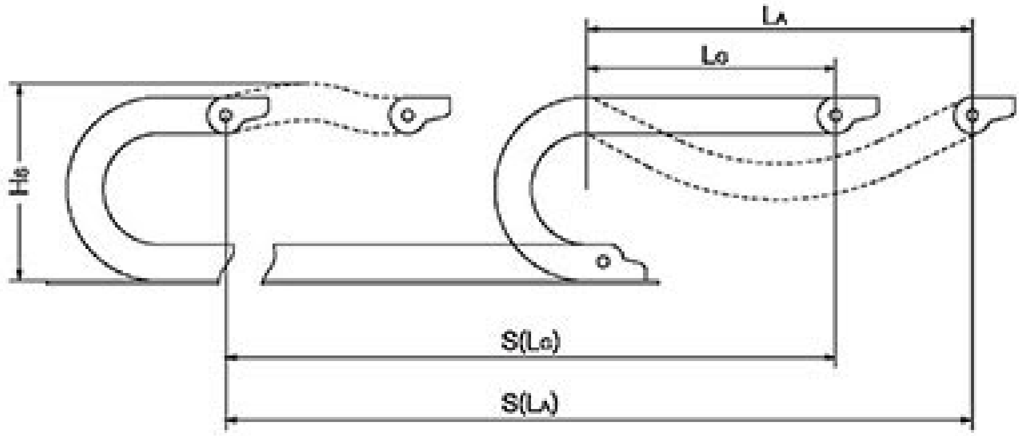
- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

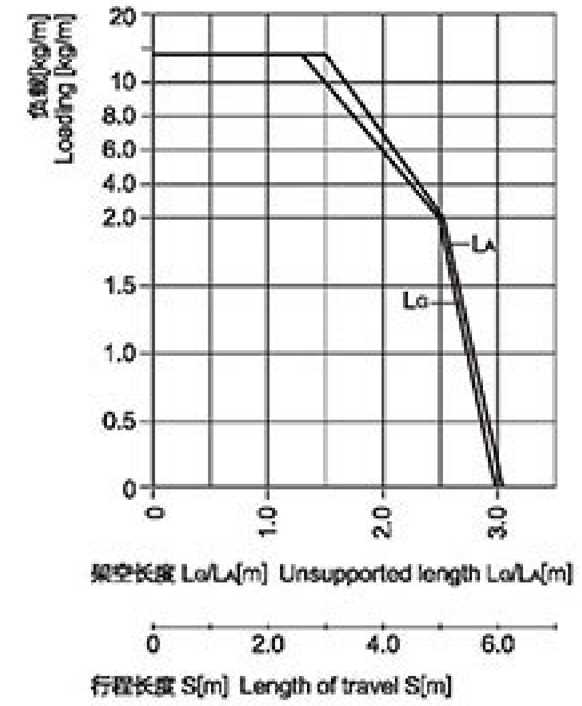
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separators can be moved for different cable

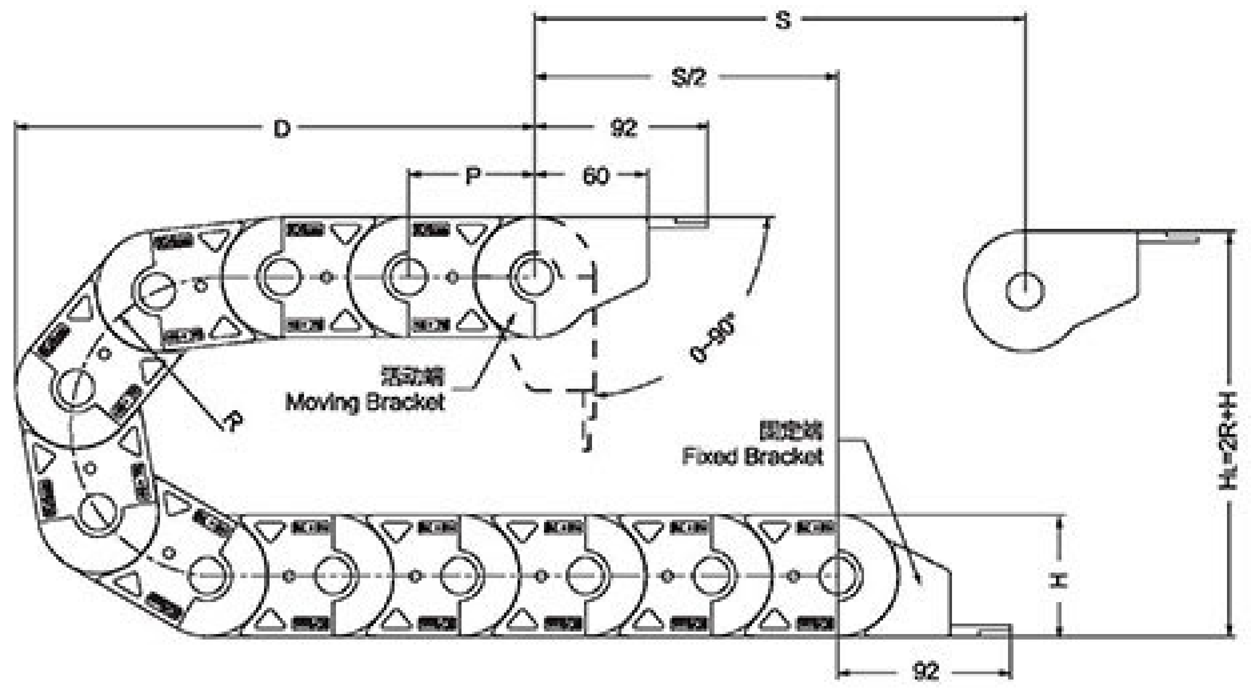
EN45 · EW45拖链-安装尺寸及技术参数
EN45 · EW45 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

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







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 =Л · 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 =Л · 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.)
75 (2.95)	214 (8.43)	160 (6.30)	370 (14.57)	67 (2.64)
100 (3.94)	264 (10.39)	210 (8.27)	450 (17.72)	67 (2.64)
125(4.92)	314 (12.36)	260 (10.24)	525 (20.67)	67 (2.64)
150 (5.91)	364 (14.33)	310 (12.20)	605 (23.82)	67 (2.64)
200 (7.87)	464 (18.27)	410 (16.14)	760 (29.92)	67 (2.64)
250 (9.84)	564 (22.20)	510 (20.08)	920 (36.22)	67 (2.64)
300 (11.81)	664 (26.14)	610 (24.02)	1075 (42.32)	67 (2.64)

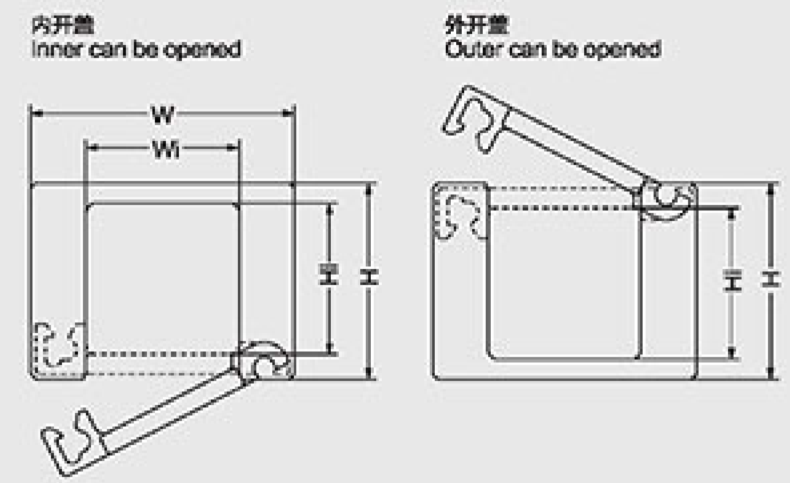
实际安装高度: Hs=HL+50mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=15（1005mm）

The required clearance height: Hs=HL+1.97in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=15（39.57 in.）

技术参数 Technical Parameters		
速度/加速度Lo	Speed/acceleration Lo	max.20[m/s]/max.200[m/s²]
速度/加速度LA	Speed/acceleration LA	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

EN45 · EW45 拖链-产品规格范围
EN45 · EW45 Cable Chain-Product specifications

EN45 · EW45拖链-内侧或外侧均可打开 EN45 · EW45 Cable Chain-Inner or outer can be opened



产品代码结构
Part Number Structure

EN4550*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)

注：拖链在内侧打开（EN45系列）和在外侧打开（EW45）为两款拖链，订购时请注明
EN45 and EW45 are different item, please note when order

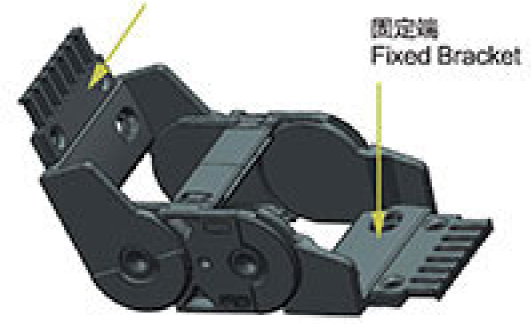
型号 Type		弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
		mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
EN4550	EW4550		45.2(1.78)	50 (1.97)	64 (2.52)	75 (2.95)	1.80 (1.22)	
EN4575	EW4575			75 (2.95)		100 (3.94)	1.98 (1.35)	
EN45100	EW45100			100 (3.94)		125 (4.92)	2.23 (1.52)	
EN45125	EW45125			125 (4.92)		150 (5.91)	2.46 (1.67)	

订货范例
Order details

EN4550 * R75 * 1000mm * 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	214 (8.43)	160 (6.30)	370 (14.57)	67 (2.64)
100 (3.94)	264 (10.39)	210 (8.27)	450 (17.72)	67 (2.64)
125(4.92)	314 (12.36)	260 (10.24)	525 (20.67)	67 (2.64)
150 (5.91)	364 (14.33)	310 (12.20)	605 (23.82)	67 (2.64)
200 (7.87)	464 (18.27)	410 (16.14)	760 (29.92)	67 (2.64)
250 (9.84)	564 (22.20)	510 (20.08)	920 (36.22)	67 (2.64)
300 (11.81)	664 (26.14)	610 (24.02)	1075 (42.32)	67 (2.64)

EN45 · EW45 拖链-拖链接头
EN45 · EW45 Cable Chain-Mounting Bracket

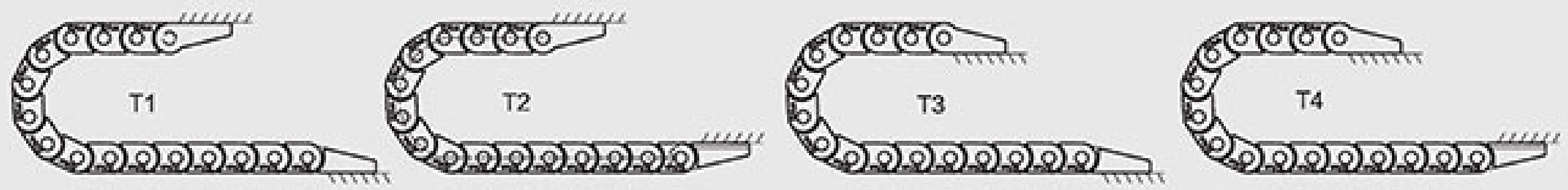


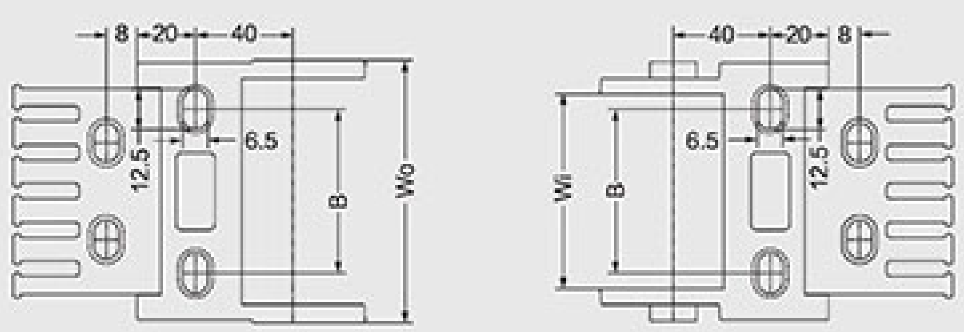
塑料接头，整体式 Plastic Mounting Bracket, Integrated type

- 整体式接头
- 耐腐蚀＆耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Integrated type Mounting Bracket
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





EN4550 / EW4550
EN4575 / EW4575
EN45100 / EW45100
EN45125 / EW45125

拖链型号 Type		拖链编码 Code	主体编码 Main Body Code	接头编码 Mounting Bracket Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
					mm (in.)	mm (in.)
EN4550	EW4550	13176	13181	13185	75 (2.95)	28 (1.10)
EN4575	EW4575	13177	13182	13186	100 (3.94)	53 (2.09)
EN45100	EW45100	13178	13183	13187	125 (4.92)	78 (3.07)
EN45125	EW45125	13179	13184	13188	150 (5.91)	103 (4.06)

产品代码结构 Part Number Structure

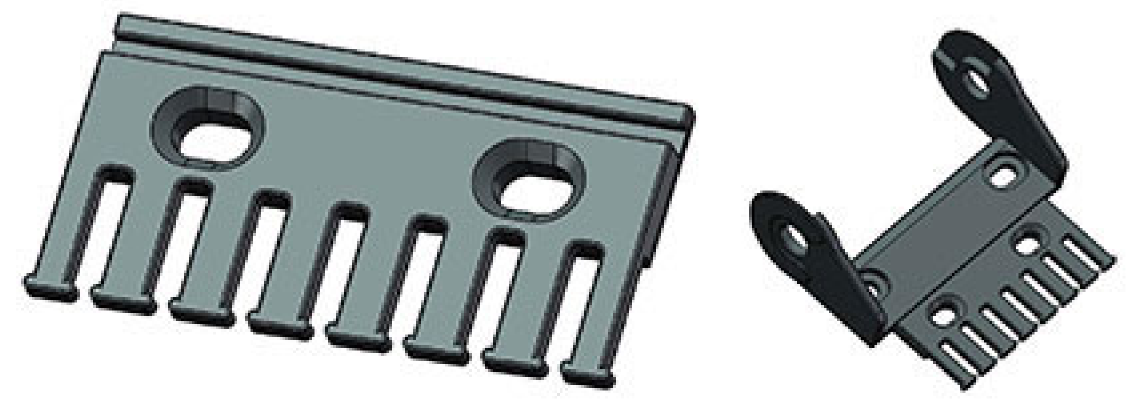
EN4550*B*T1

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

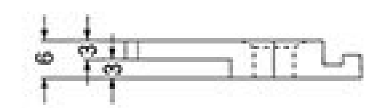
EN4550*B*T1*n	两端接头 On both brackets
EN4550*f*T1*n	固定端接头 Fixed bracket
EN4550*m*T1*n	活动端接头 Moving bracket

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.

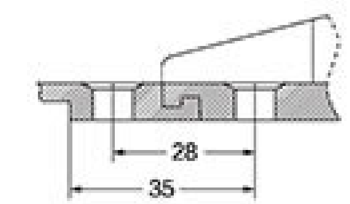
EN45 · EW45 拖链-梳状板
EN45 · EW45 Cable Chain-Tie-wrap plate

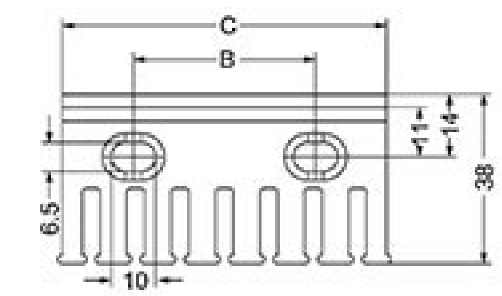


单个梳状板
Single tie-wrap plate



组装图
Shown assembled





梳状板为独立部件，可根据需要进行选配
Tie-wrap is spare part independent, you can mark use or not when order

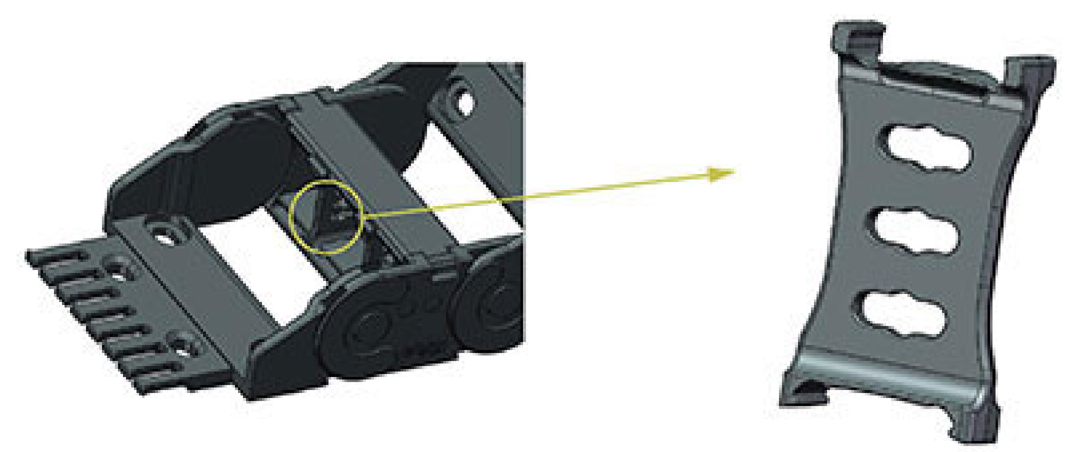
选配代码结构
Part Number Structure

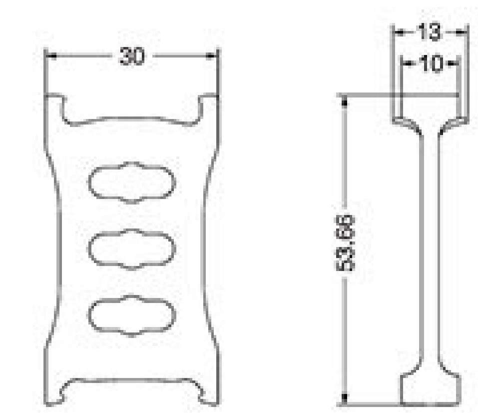
EN4550+梳状片 (Tie-wrap plate)

- 内宽 (Inner Width)
- 型号 (Type)

型号 Type	齿数 Teeth NO.	尺寸B Dimension B	尺寸C Dimension C	编码 Code
EN4550 EW4550	6 (0.24)	30 (1.18)	50 (1.97)	15024
EN4575 EW4575	8 (0.31)	55 (2.17)	75 (2.95)	15024
EN45100 EW45100	9 (0.35)	80 (3.15)	100 (3.94)	15025
EN45125 EW45125	9 (0.35)	105 (4.13)	125 (4.92)	15025

EN45 · EW45 拖链-隔离片
EN45 · EW45 Cable Chain-Separator



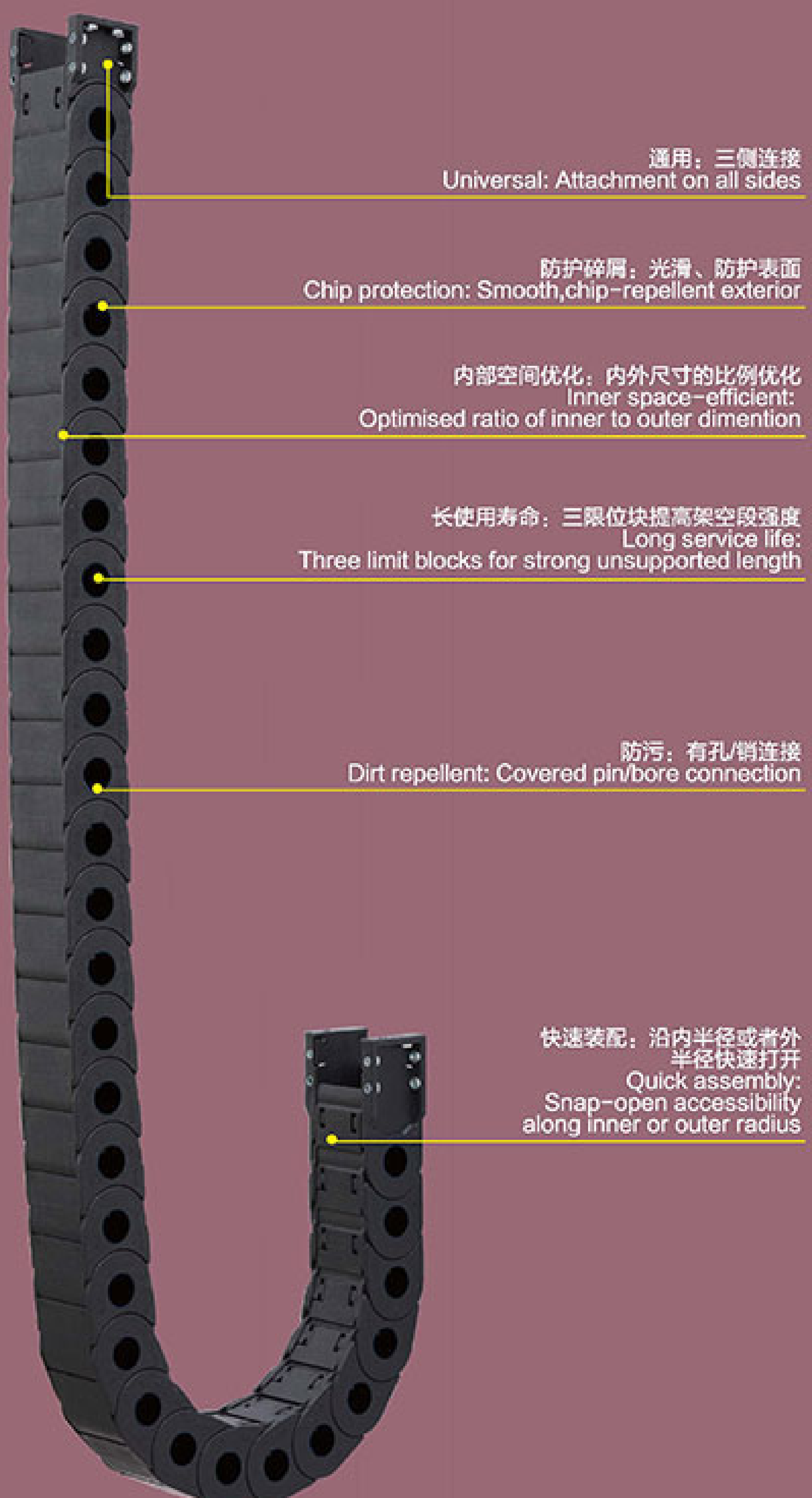


EN45 · EW45拖链隔离片编码：13189
The separator No. for EN45 · EW45:13189

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 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，可以根据线缆排布进行滑动

- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separators can be moved for different cable

Krius® 科瑞斯



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

STEP 1
组装主体
Assemble left and right side (Main body part)

STEP 2
组装拖链长度
Make every main body part link by link till to the length that customer asked

STEP 3
组装接头
Assemble mounting bracket

STEP 4
组装完成
Finish the assemble

STEP 1
拆卸横杆
Prize the cross bar of the each end first and second link from the hole by screw driver

STEP 2
拆卸接头
Dismantle the mounting bracket

STEP 3
拆卸主体
Dismantle the body part

STEP 4
拆卸完成
Finish dismantle

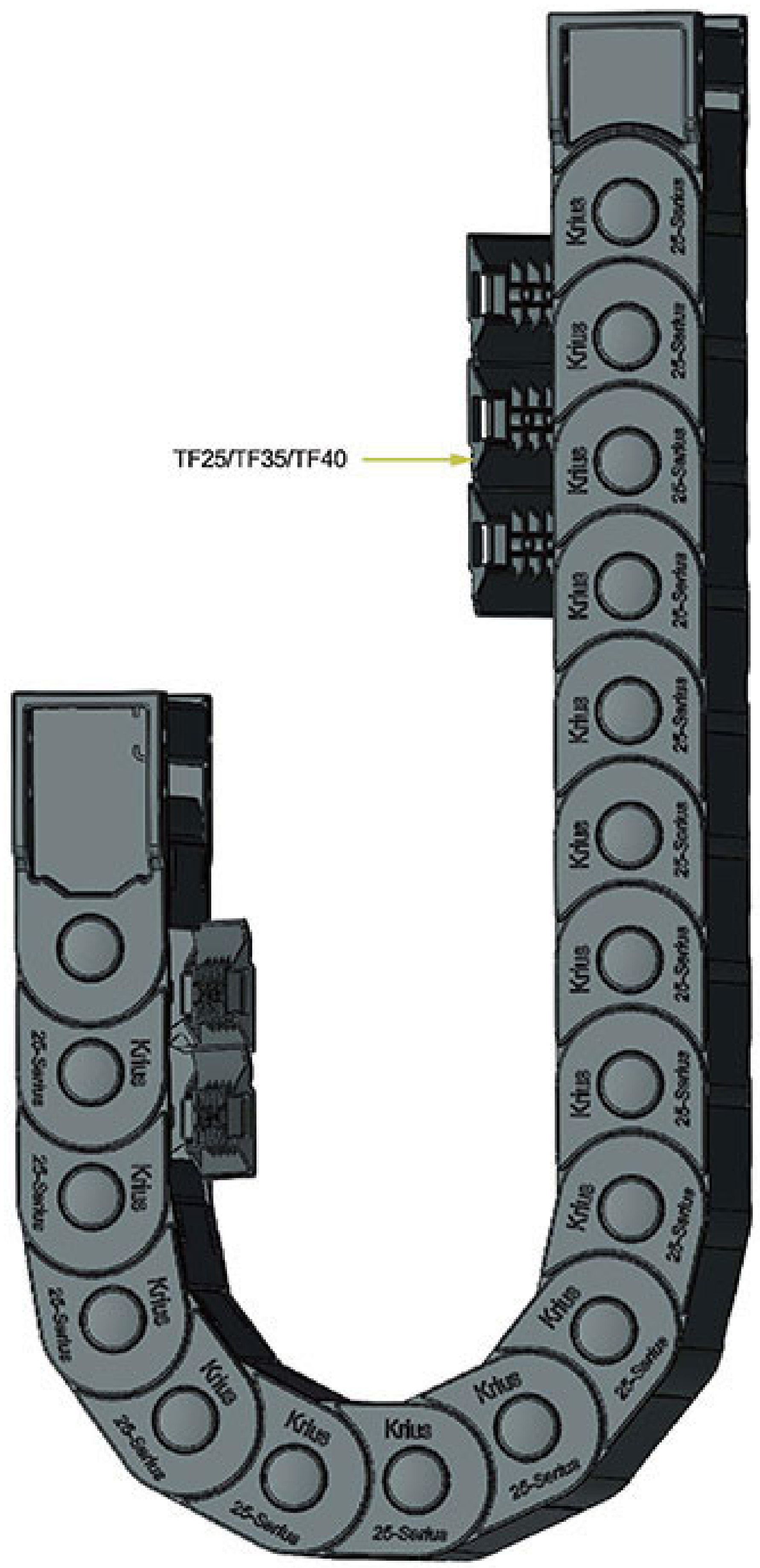
TF系列拖链拆装过程 Assemble and dismantle sketch for TF Structure Series

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



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
- 耐磨擦、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

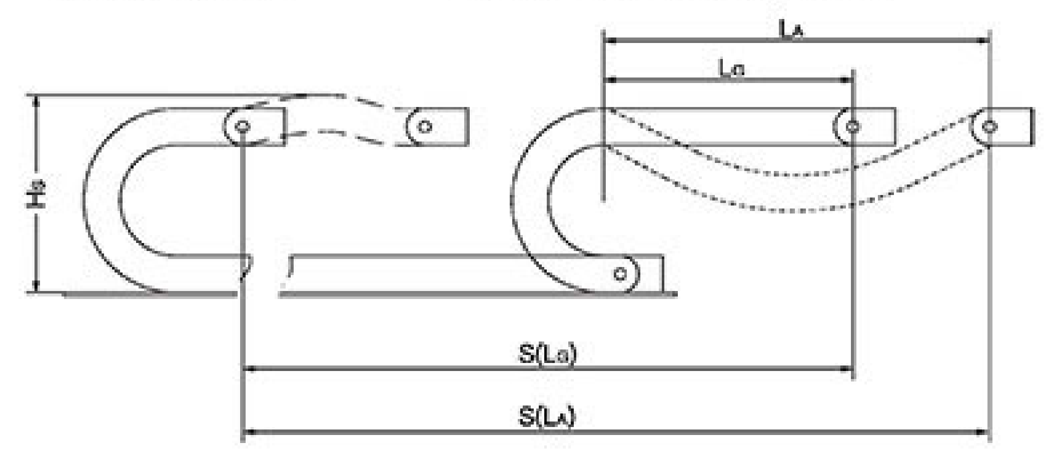
请注明拖链长度或者链节数 如：1米或30节
Please mark the length or link number, such as 1 meter or 30 links

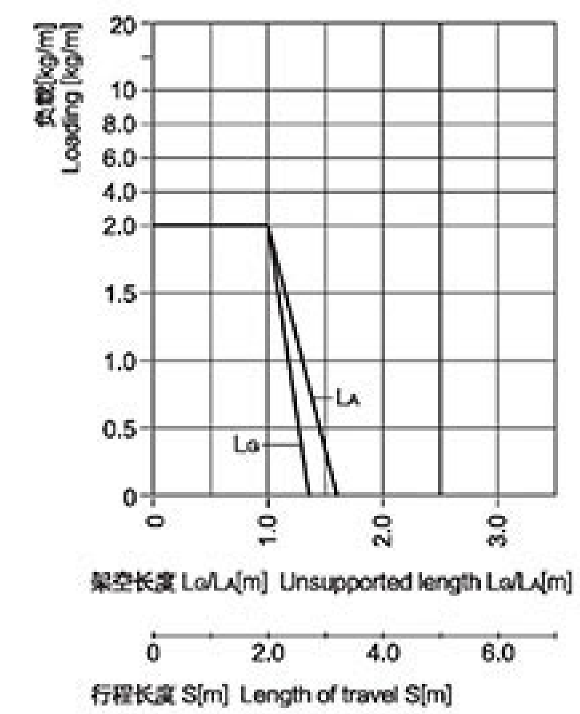
TF2538*R75*1000*2	(2条长度1米的拖链)	TF2538*R75*1000*2	(2 pieces of 1-meter-long cable chain)
TF2538*B*T1*1	(1副接头，T1安装方式)	TF2538*B*T1*1	(1 piece of connector, T1 installation method)

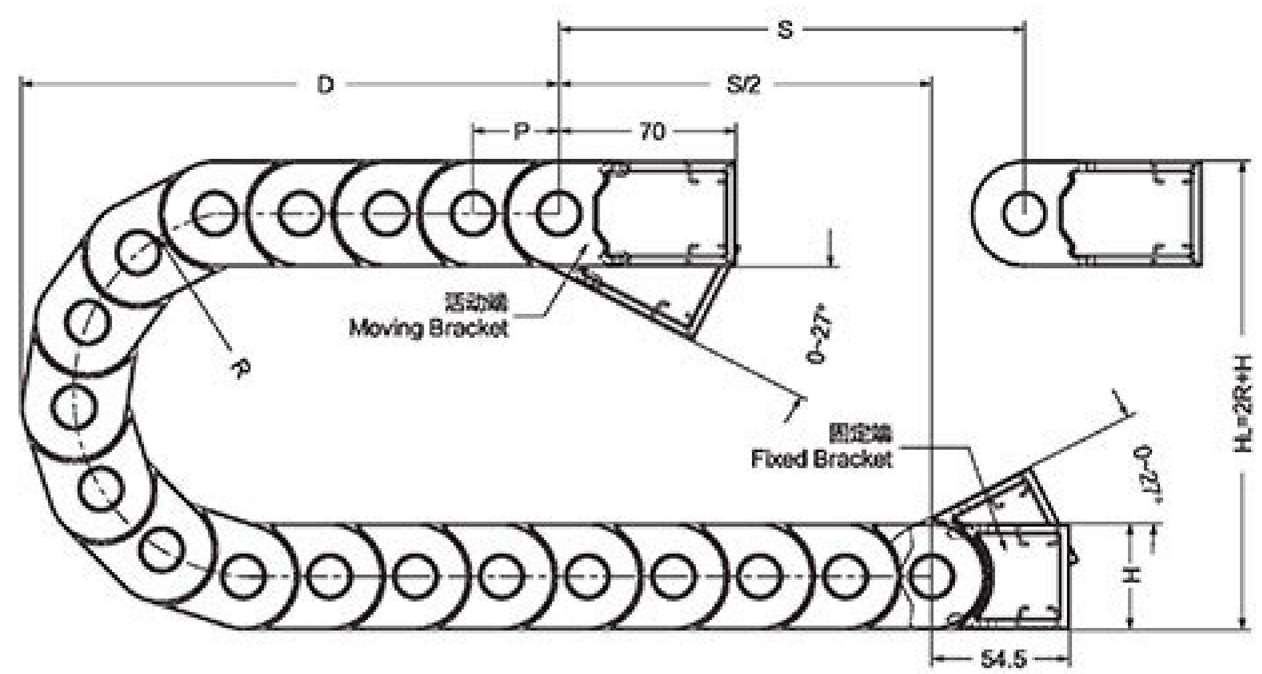
TF25拖链-安装尺寸及技术参数
TF25 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







- S =行程长度
- R =弯曲半径
- P =节距
- L =拖链长度
- N =每米链节数
- H_L =理论安装高度
- H_S =实际安装高度
- D =拖链退回极限位置时的最小距离
- K =π · 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
- H_L =Nominal clearance height
- H_S =Required clearance height
- D =Overlength energy chain radius in final position
- K =π · R+2P
- * You can find it from below chart for more details

R	H_L	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)

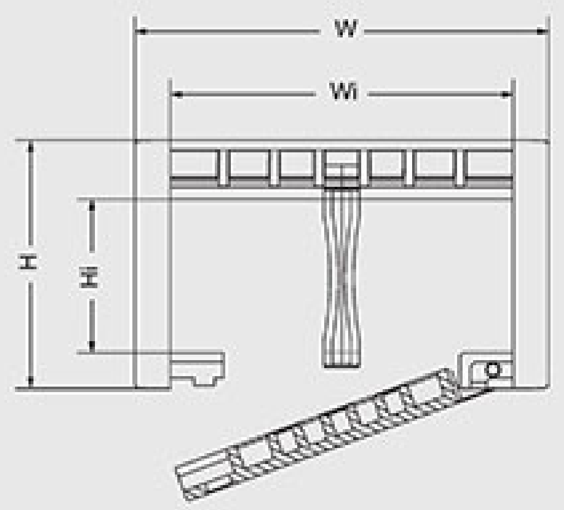
实际安装高度: $H_S=H_L+40mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=30（1020mm）

The required clearance height: $H_S=H_L+1.57in.$
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_G	Speed/acceleration L_G	max.10[m/s]/max.100[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.3[m/s]/max.10[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
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

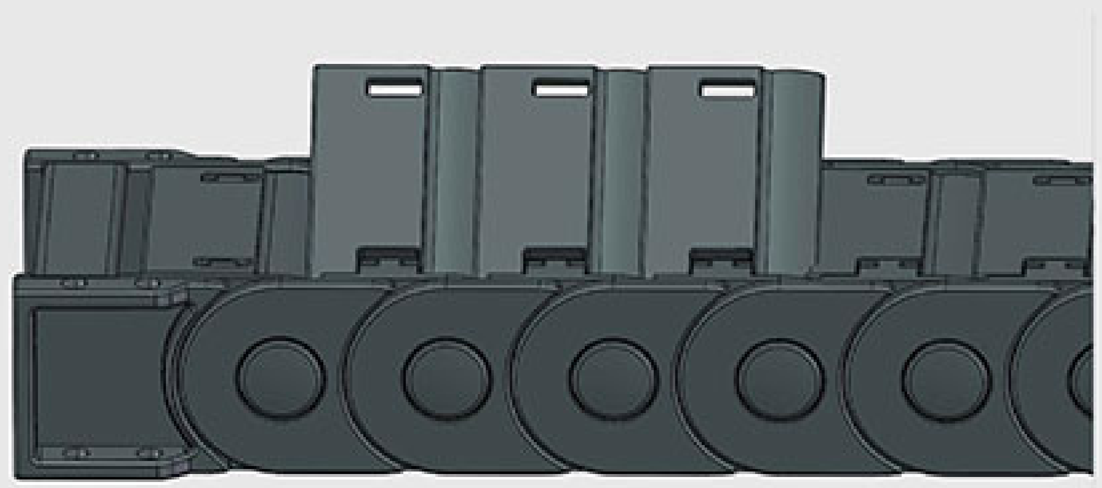
TF25拖链−内侧可开 TF25 Cable Chain−Inner can be opened



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
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
TF2538		26 (1.02)	39 (1.54)	42 (1.65)	51 (2.01)	0.91 (0.62)	
TF2550			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**

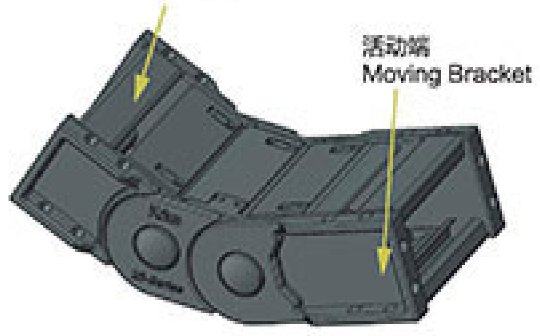
R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	192 (7.56)	160 (6.30)	305 (12.01)	34 (1.34)
100 (3.94)	242 (9.53)	210 (8.27)	380 (14.96)	34 (1.34)
125 (4.92)	292 (11.50)	260 (10.24)	460 (18.11)	34 (1.34)
150 (5.91)	342 (13.46)	310 (12.20)	540 (21.26)	34 (1.34)
175 (6.89)	392 (15.43)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

TF25 拖链−拖链接头
TF25 Cable Chain−Mounting Bracket

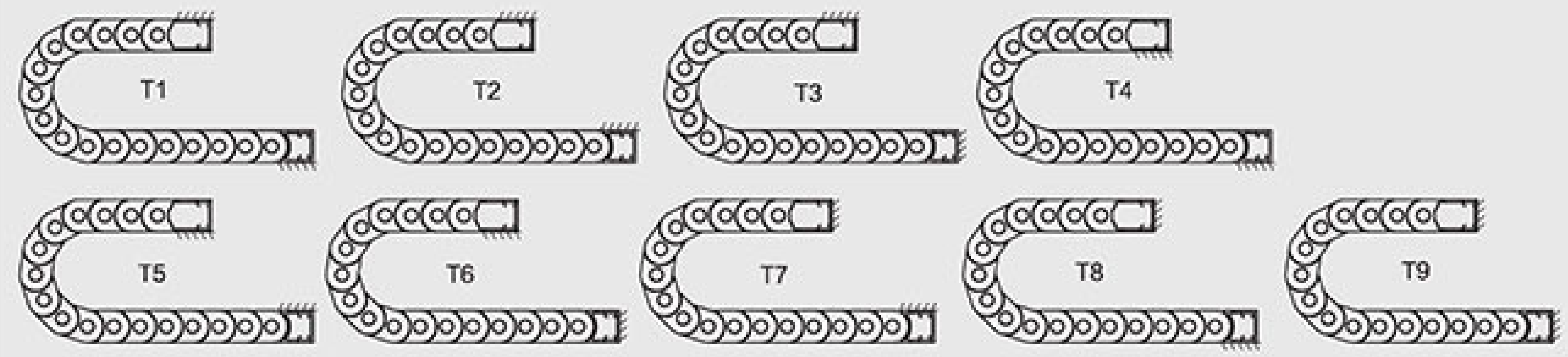
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

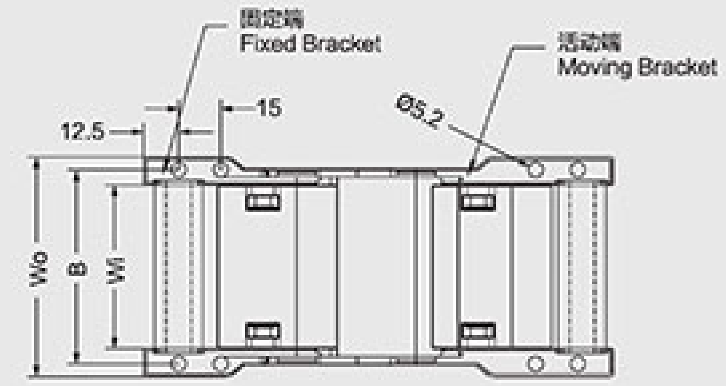
- 分体式接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 带有去应力梳状片
- 可实现内外连接

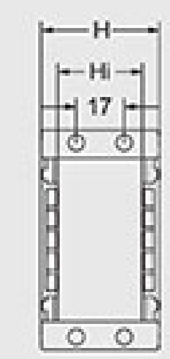
- Split−type mounting bracket
- Anti−corrosion, Rub−resistance
- Available preassembly form
- With strain relief tie−wrap plates
- Can realize the internal and external connections



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

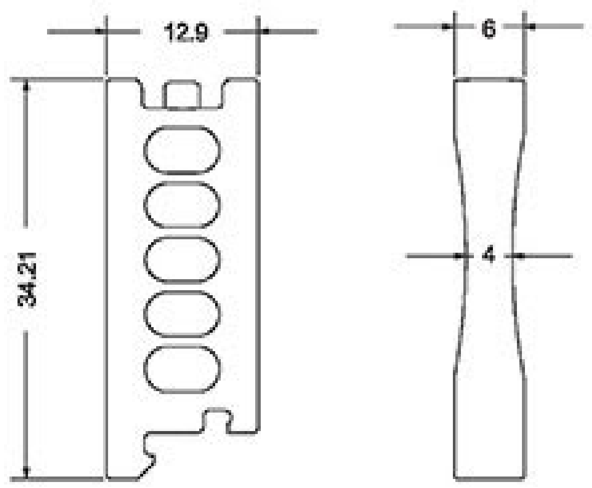
TF2538*B*T1

- 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

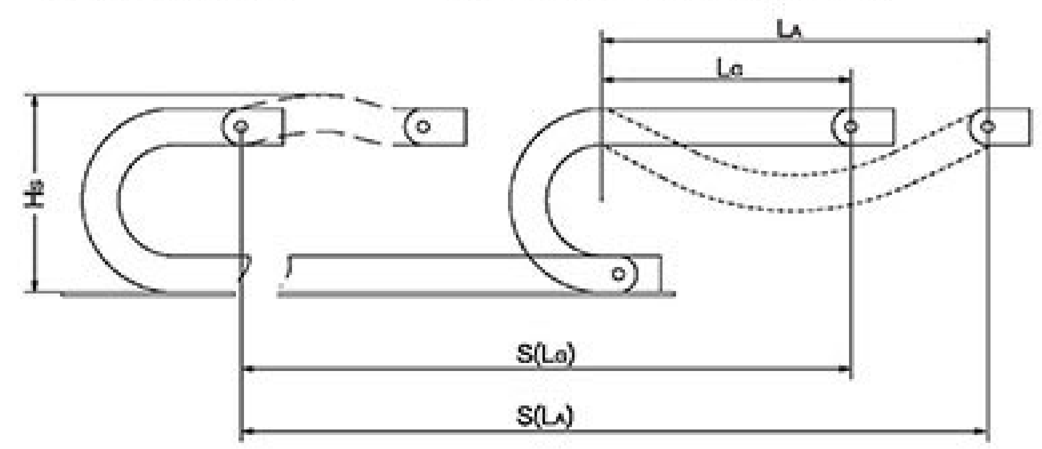
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，
  也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，不能滑动

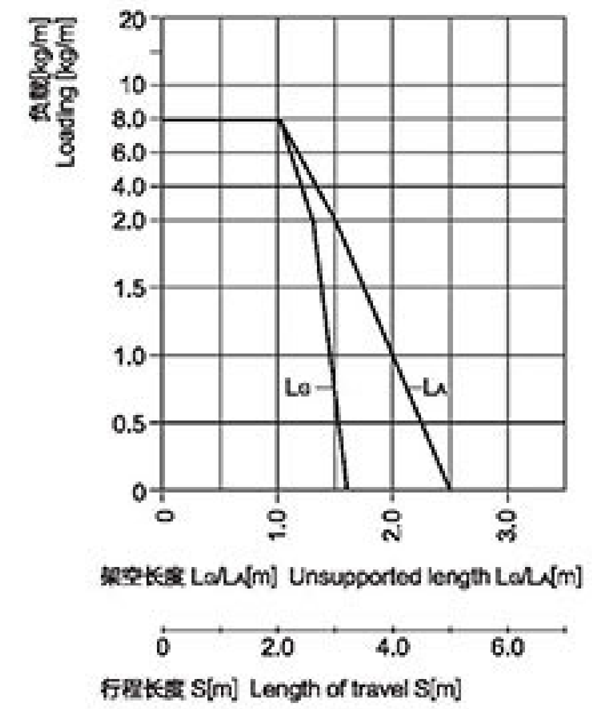
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

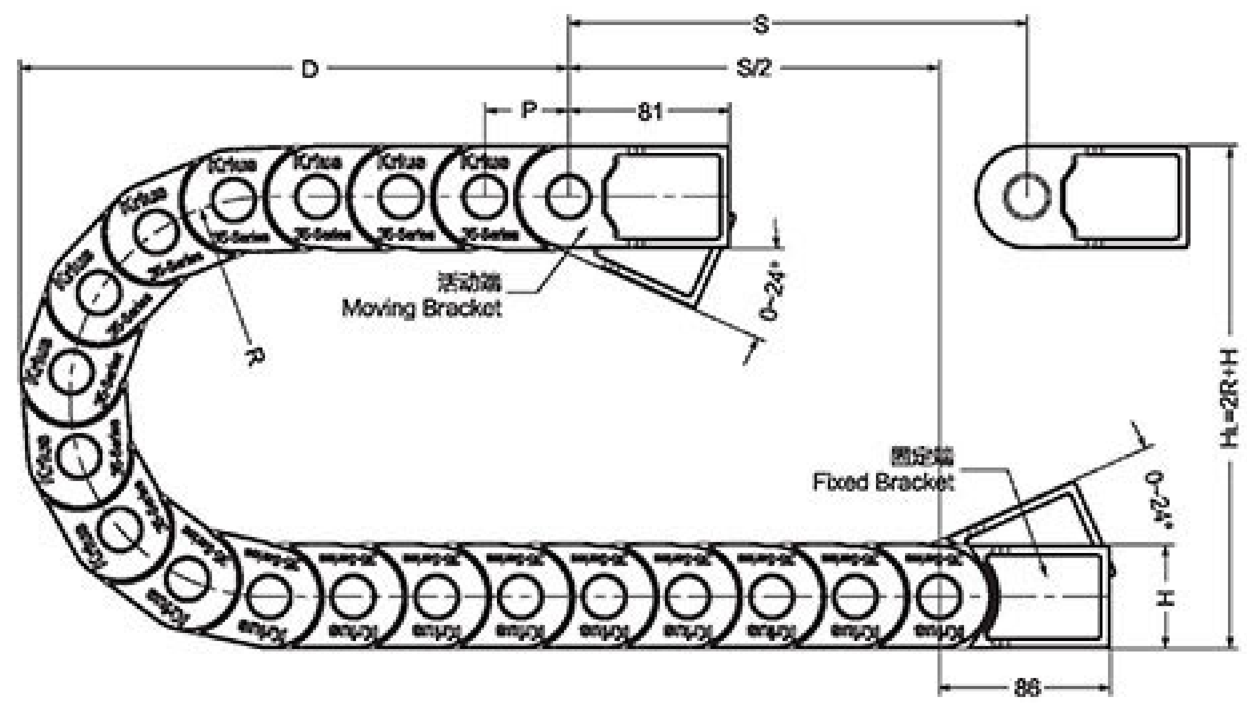
TF35拖链-安装尺寸及技术参数
TF35 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	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)

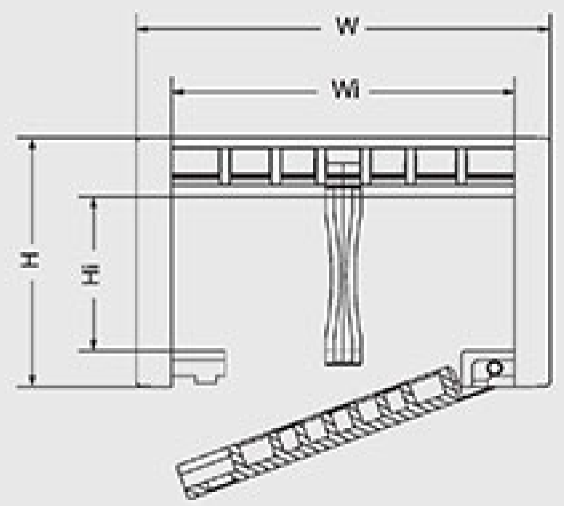
实际安装高度: $H_S=H_L+50mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=24（1008mm）

The required clearance height: $H_S=H_L+1.97in.$
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L_G	Speed/acceleration L_G	max.10[m/s]/max.100[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.3[m/s]/max.10[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
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

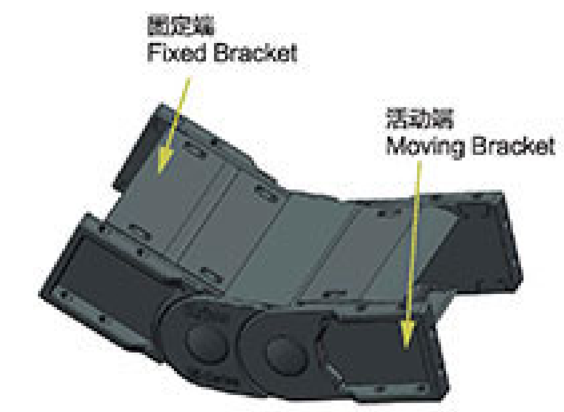
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
TF3550		35 (1.38)	51 (2.01)	52 (2.05)	67 (2.64)	1.57 (1.08)	
TF3575			76 (2.99)		92 (3.62)	1.90 (1.29)	
TF35100			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)

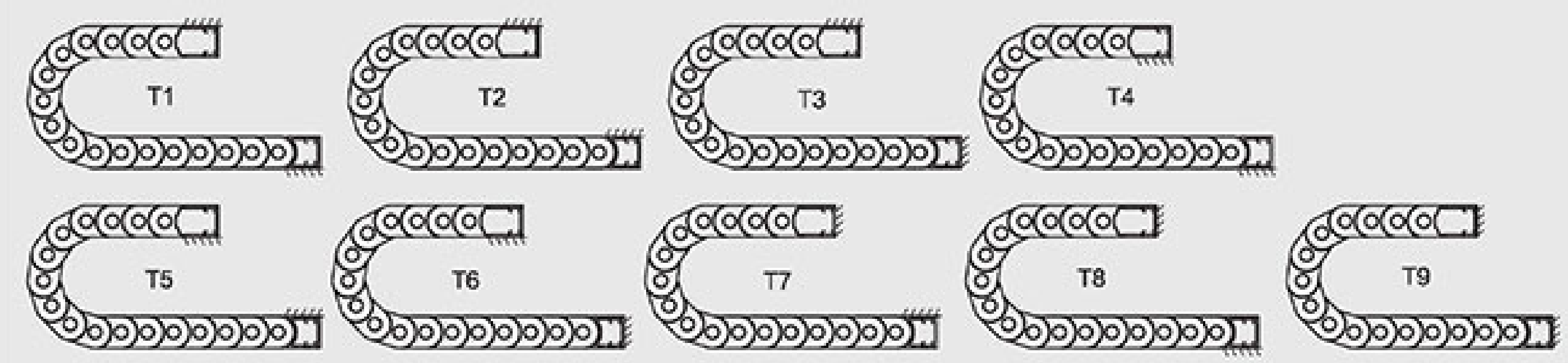
TF35 拖链–拖链接头
TF35 Cable Chain–Mounting Bracket

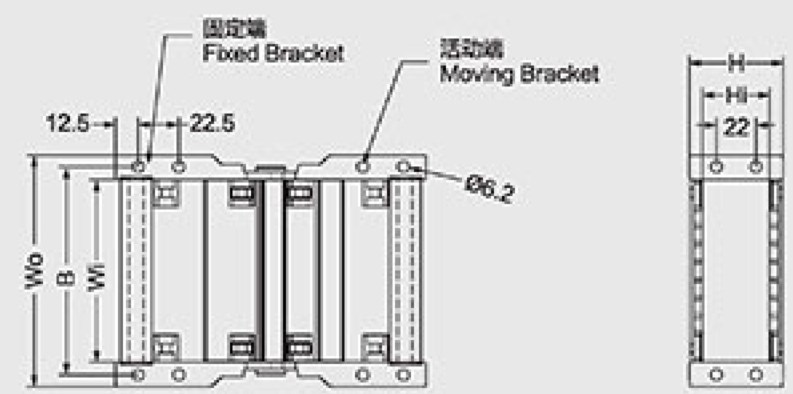


塑料接头，分体式 Plastic Mounting Bracket, Splited structure

• 分体式接头	• Split-type Mounting Bracket
• 耐腐蚀&耐磨擦	• Anti-corrosion, Rub-resistance
• 可提供预装配形式	• Available preassembly form
• 带有去应力梳状片	• With strain relief tie-wrap plates
• 可实现内外连接	• 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

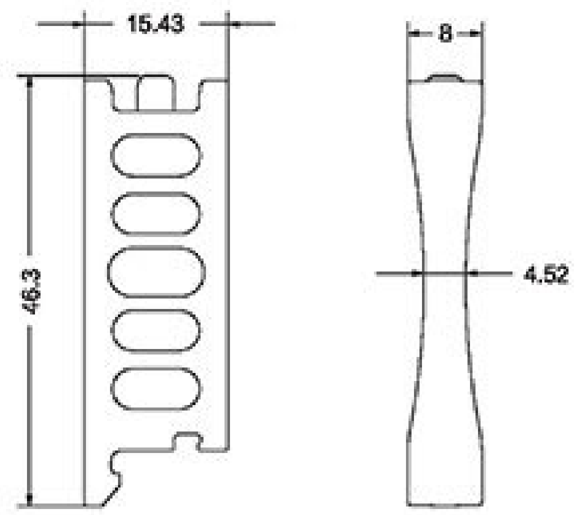
TF3550*B*T1

- 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

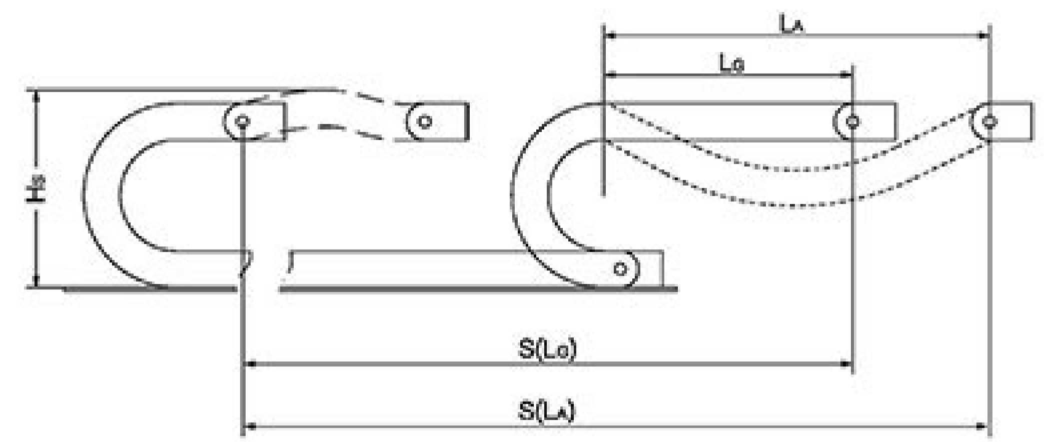
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

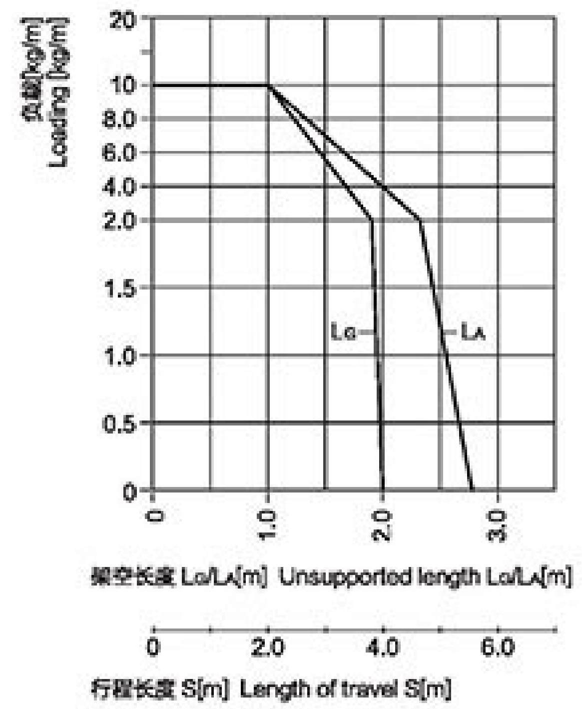
TF40 拖链-安装尺寸及技术参数
TF40 Cable Chain-Installation Dimensions and Technical Parameters

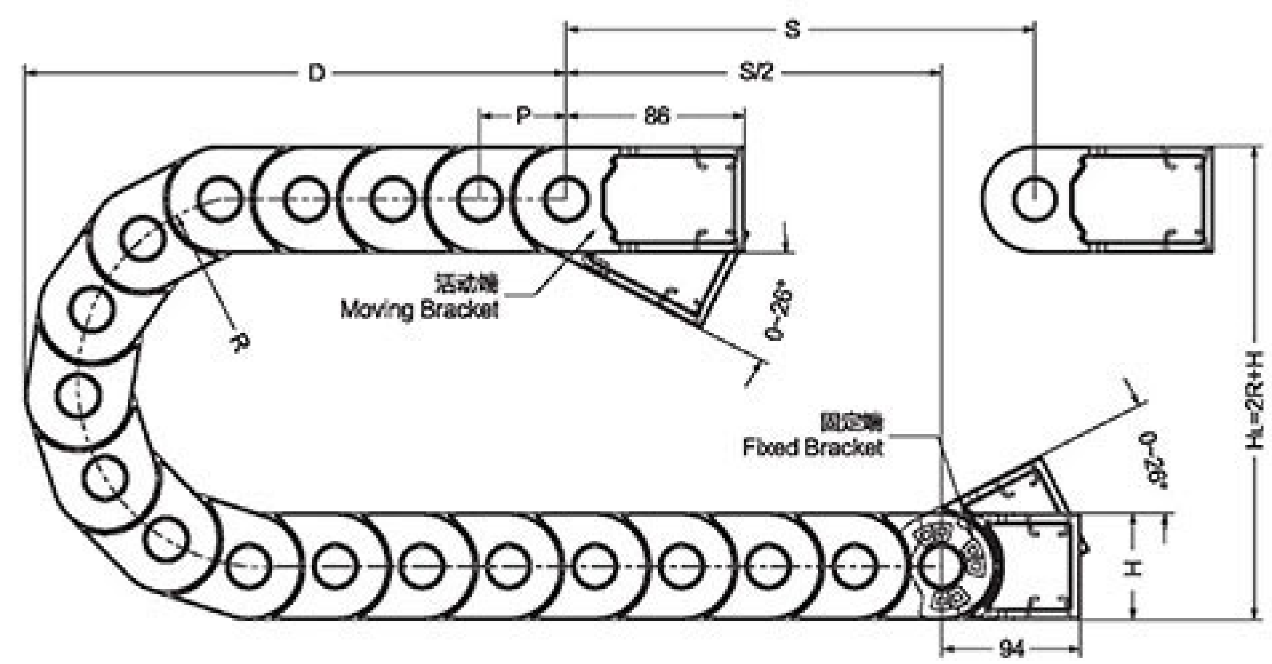
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	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)

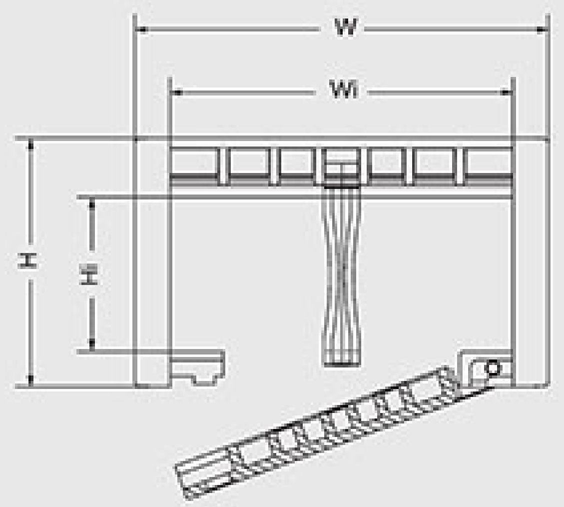
实际安装高度: $H_S=H_L+55$mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=22（1012mm）

The required clearance height: $H_S=H_L+2.14$in.
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_G	Speed/acceleration L_G	max.10[m/s]/max.100[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.3[m/s]/max.10[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

TF40 拖链-产品规格范围
TF40 Cable Chain-Product specifications

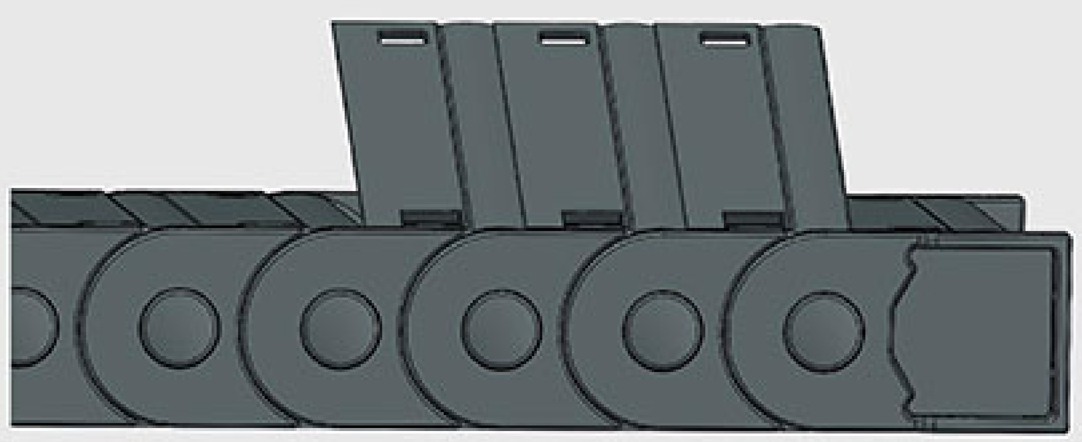
TF40拖链-内侧可开 TF40 Cable Chain-Inner can be opened



产品代码结构
Part Number Structure

TF4050*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 (ibs/ft)	
TF4050		40 (1.57)	51 (2.01)	57 (2.24)	67 (2.64)	1.57 (1.08)	
TF4080			81 (3.19)		97 (3.82)	1.83 (1.24)	
TF40100			104 (4.09)		120 (4.72)	2.18 (1.48)	
TF40150			153 (6.02)		169 (6.65)	3.05 (2.07)	

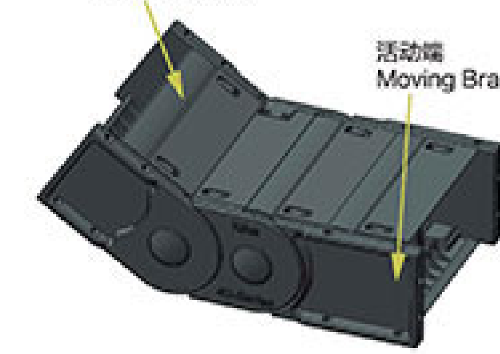
订货范例 Order details **TF4050 * R100 * 1000mm * 2**

R	Hi	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)

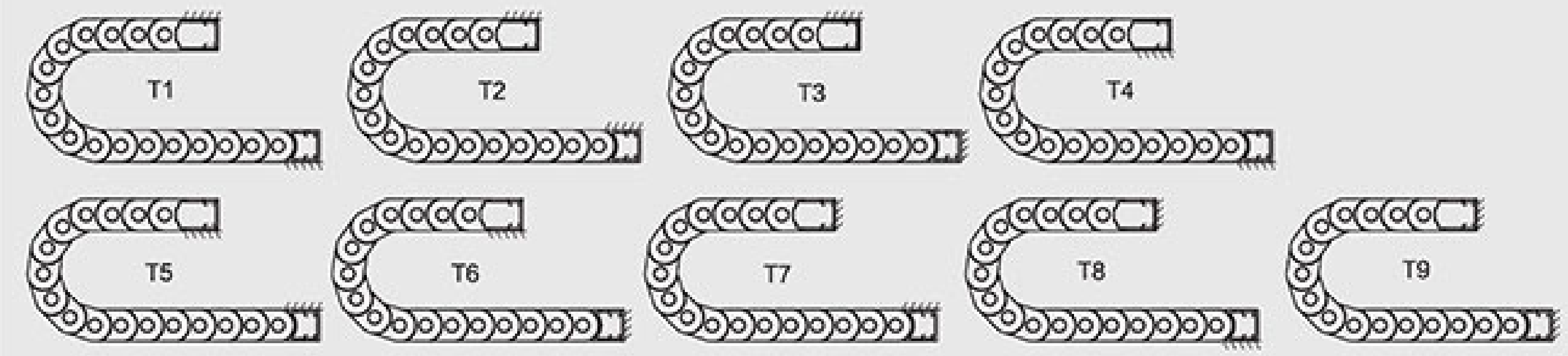
TF40 拖链-拖链接头
TF40 Cable Chain-Mounting Bracket

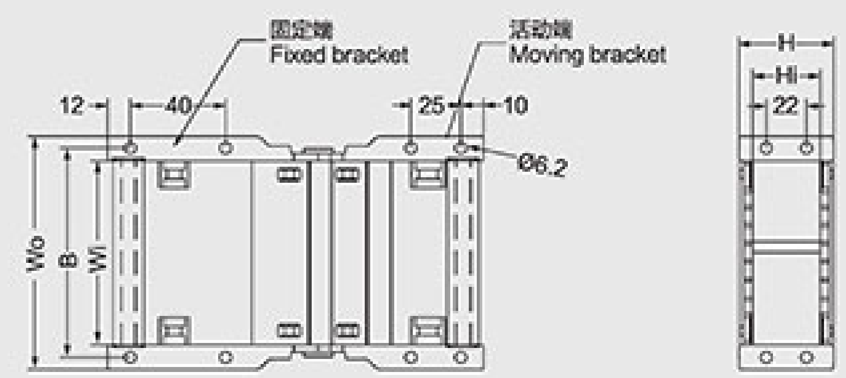
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

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



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





TF4050
TF4080
TF40100
TF40150

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.)
TF4050	12243/12245	12241	接头 Mounting Bracket 12124 隔离片 Separator 12247 锁扣 Fixed Button 12127	72 (2.83)	62 (2.44)
TF4080	12125/12126	12123		102 (4.02)	92 (3.62)
TF40100	12244/12246	12242		125 (4.92)	115 (4.53)
TF40150	12280/12281	12279		174 (6.85)	164 (6.46)

产品代码结构 Part Number Structure

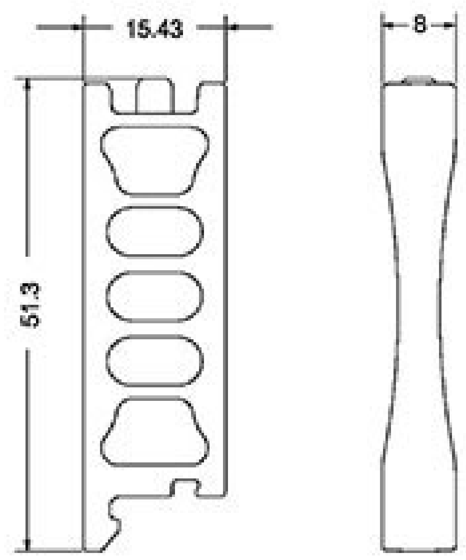
TF4050*B*T1

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

TF4050*B*T1*n	两端接头 On both brackets
TF4050*f*T1*n	固定端接头 Fixed bracket
TF4050*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.

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

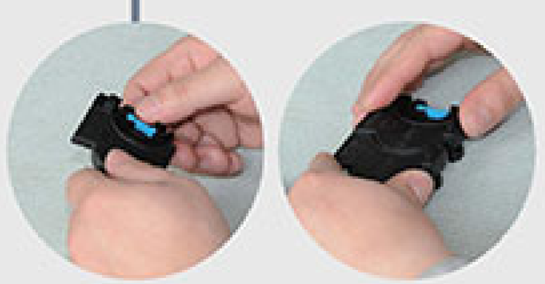
Krius® 科瑞斯

JQ JF

Low-noise Series Cable Chain

JQ · JF静音系列拖链

JQ · JF静音系列拖链拆装过程
Assemble and dismantle sketch for JQ·JF series



STEP 1
装入静音弹片
Assemble anti–friction part into body part

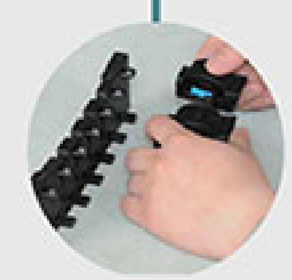
STEP 2
组装左右长度
Assemble left and right side (body part) to the length that customer asked

STEP 3
装上下横杆，用橡胶锤轻敲
Assemble the cross bar into body part and knock gently by rubber hammer

STEP 4
装接头，完成组装
Finish The Assemble

STEP 1
从左右缺口处撬横杆
Prize the cross bar of the each end first and second link from the hole by screw driver

STEP 2
主体与接头拆卸
Dismantle the mounting bracket and main body part



STEP 3
主体与主体拆卸
Dismantle the body part each other

STEP 4
拆卸完成
Finish dismantle

JQ·JF静音系列拖链拆装过程
Assemble and dismantle sketch for JQ.JF series

JQ · JF静音系列拖链
JQ·JF Low-noise 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

噪音低
Low noise

功能特点 Features & Benefits

- 节距小，运行噪音极低（取决于运行速度）
- 横杆在内外侧均可打开
- 阻燃等级UL94 V-2
- 配有双侧独立式接头
- 外形设计美观、大方
- 耐摩擦、耐腐蚀，滑行应用
- 用于高速及高加速度的环境下
- 可以组装成“S”型拖链（仅适用于JQ系列）

- Small pitch, extremely low noise(based on speed)
- Cross bars can be opened along inwards and outwards radius
- Flammability class UL94 V-2
- Separate mounting bracket on both sides
- Beautiful and decent appearance design
- Anti-corrosion, Rub-resistance, Gliding application
- For high speed and high acceleration environment
- Assembled as S-shaped chain(Only for JQ series)

JQ · JF拖链的适用场合 Application

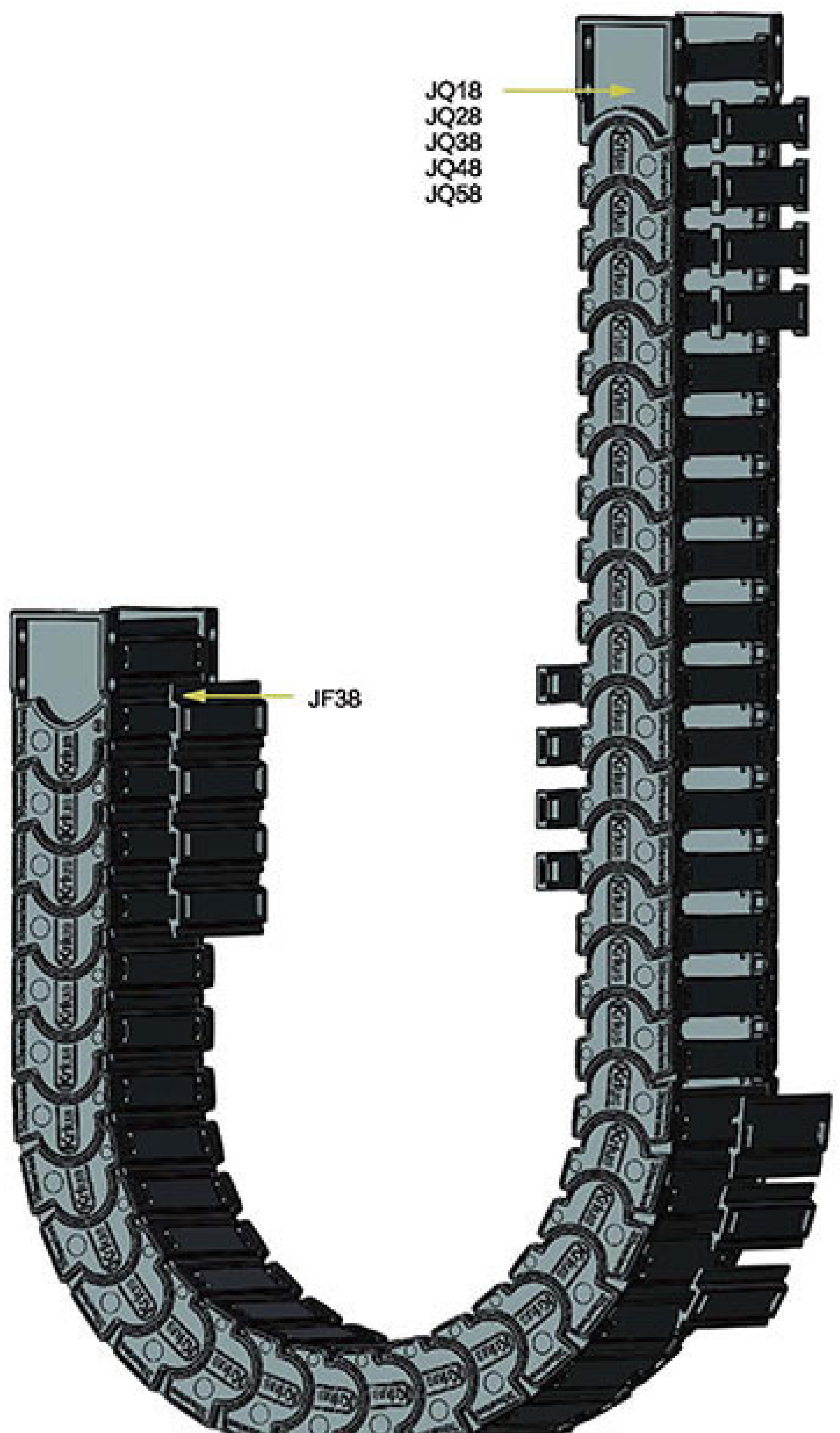
- 噪音低
- 速度或加速度较高
- 推力及抗张力较大
- 要求震动较小，磨损小

- For low-noise operation
- For high speed and high acceleration
- For high pull and anti-tensile
- Minimum vibrations and wear

JQ · JF拖链的不适用场合 Not applicable

- 超重载场合应用
- 环境较脏
- 反向弯曲半径（JF系列）

- Not for overloading situation
- Not for dirty environment
- Not for reverse bending(JF series)



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63节

JQ1820*R38*1000*2	(2条长度1米的拖链)
JQ1820*B*T1*1	(1副接头，T1安装方式)

Please mark the length or link number, such as 1 meter or 63 links

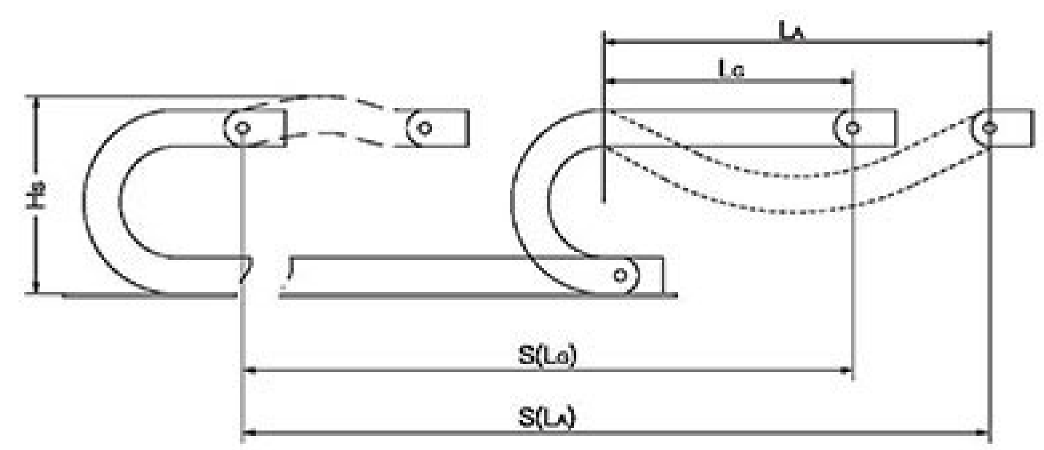
JQ1820*R38*1000*2	(2 pieces of 1-meter-long cable chain)
JQ1820*B*T1*1	(1 piece of connector, T1 installation method)

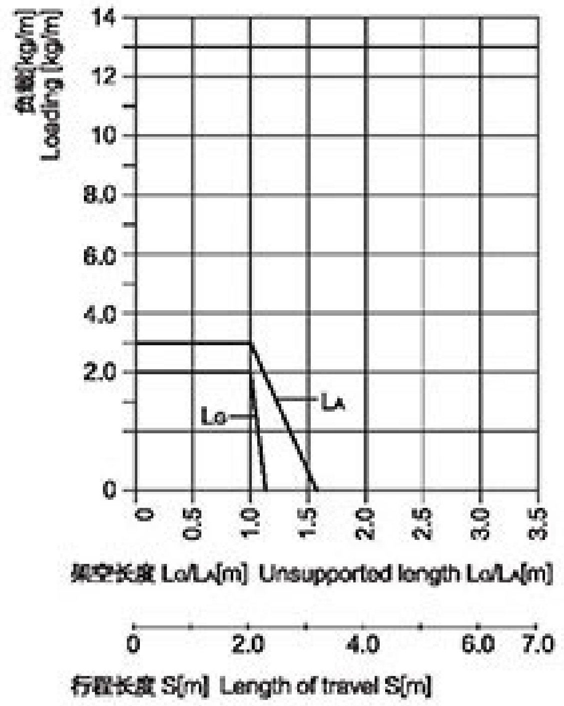
JQ18 拖链—安装尺寸及技术参数
JQ18 Cable Chain-Installation Dimensions and Technical Parameters

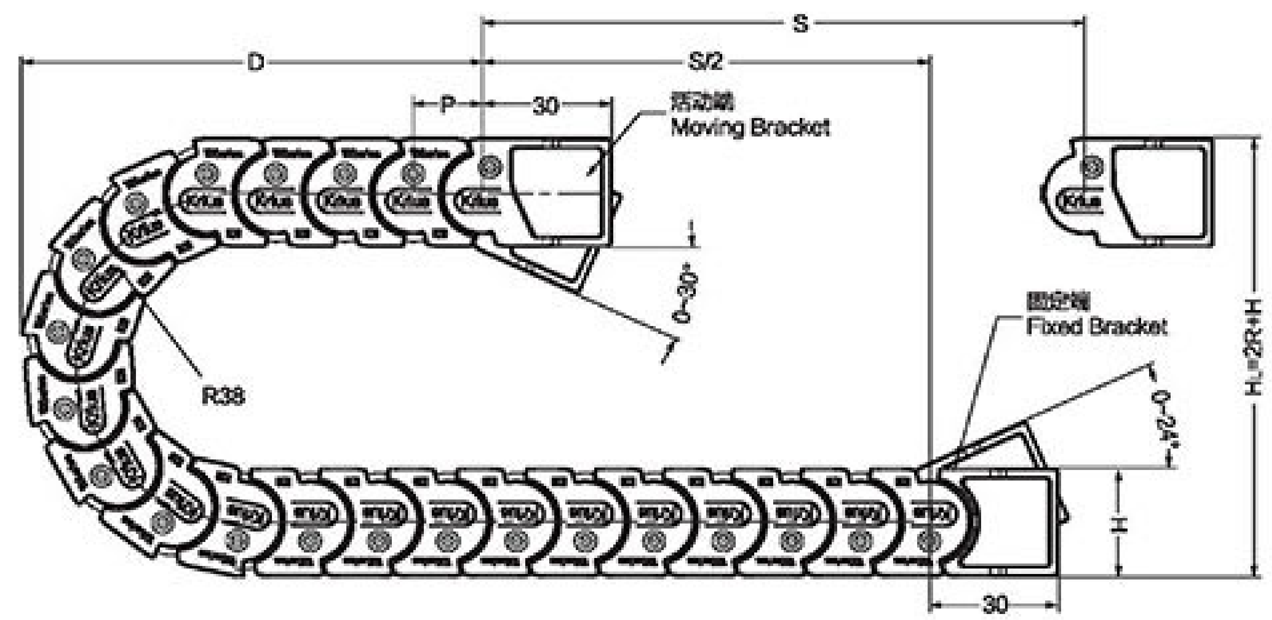
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
38 (1.50)	102 (4.02)	86 (3.39)	150 (5.91)	16 (0.63)

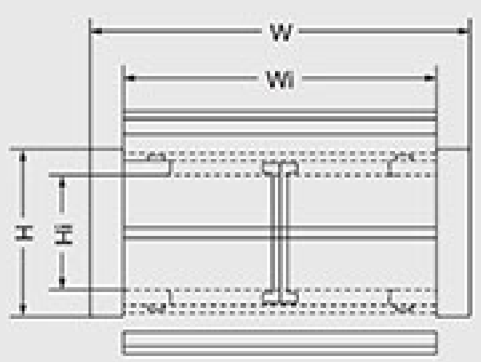
实际安装高度: Hs=HL+25mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=63（1008mm）

The required clearance height:Hs=HL+0.98in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=63（39.69 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	视情况而定 It depends on the situation
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

JQ18 拖链-产品规格范围
JQ18 Cable Chain-Product specifications

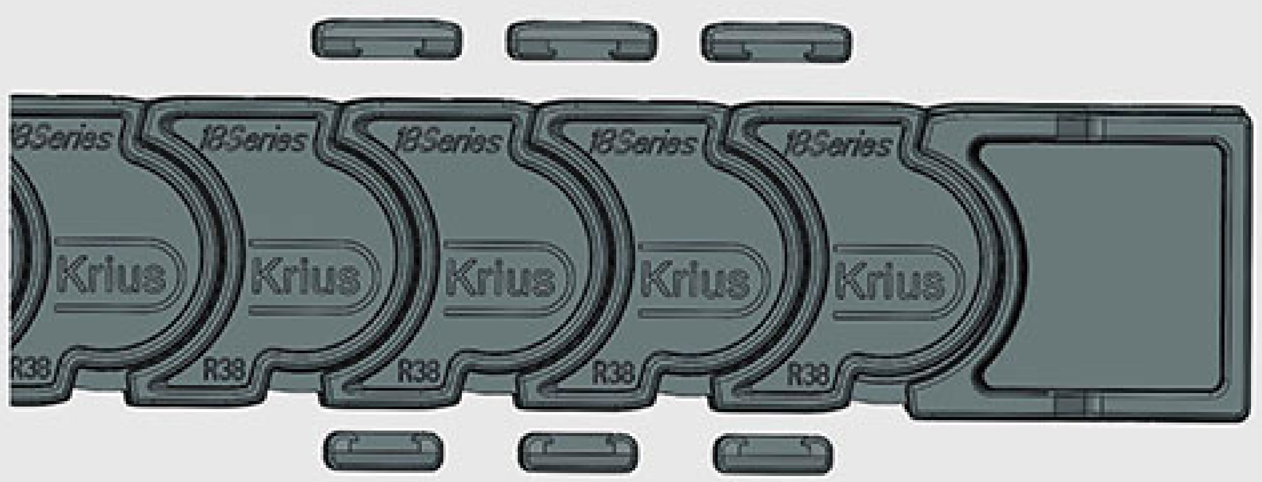
JQ18拖链-内外侧可开 JQ18 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

JQ1820*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)



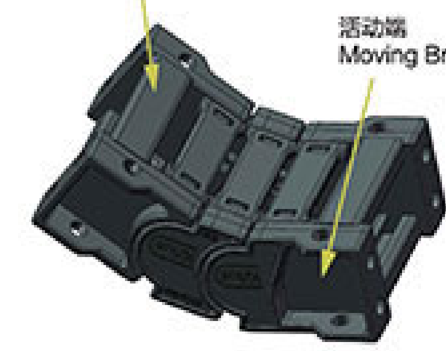
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
JQ1820		18.6 (0.73)	20.5 (0.81)	25.5 (1.00)	34.5 (1.36)	0.49 (0.33)	
JQ1830			30.5 (1.20)		44.5 (1.75)	0.55 (0.37)	
JQ1840			40.5 (1.59)		54.5 (2.15)	0.61 (0.41)	
JQ1850			50.5 (1.99)		64.5 (2.54)	0.67 (0.46)	
JQ1860			60.5 (2.38)		74.5 (2.93)	0.73 (0.50)	

订货范例
Order details

JQ1820 * R38 * 1000mm * 2

R	Hι	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
38 (1.50)	102 (4.02)	86 (3.39)	150 (5.91)	16 (0.63)

JQ18 拖链-拖链接头
JQ18 Cable Chain-Mounting Bracket

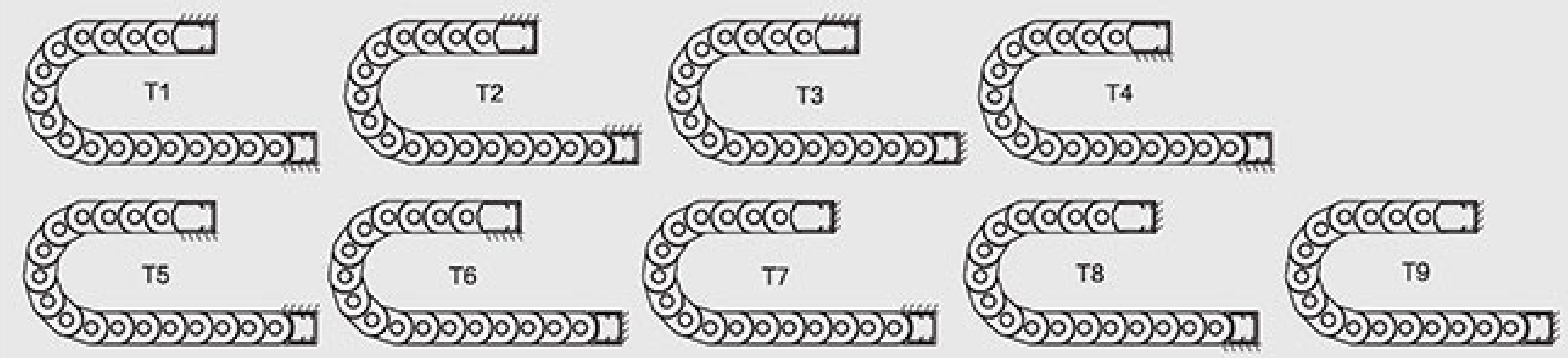


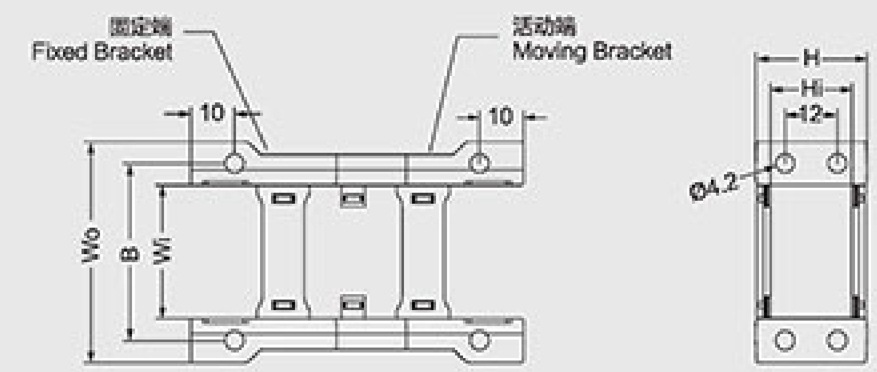
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式接头
- 无孔销装配连接
- 两端接头均可活动
- 耐腐蚀&耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket on both sides
- No pin and bore connection
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





JQ1820
JQ1830
JQ1840
JQ1850
JQ1860

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
JQ1820	12284	接头 Mounting Bracket	12282 12283	40.5 (1.59)	30.5 (1.20)
JQ1830	12225			50.5 (1.99)	40.5 (1.59)
JQ1840	12285	主体 Main Body	12224	60.5 (2.38)	50.5 (1.99)
JQ1850	12286			70.5 (2.78)	60.5 (2.38)
JQ1860	12287			80.5 (3.17)	70.5 (2.78)

产品代码结构 Part Number Structure

JQ1820*B*T1

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

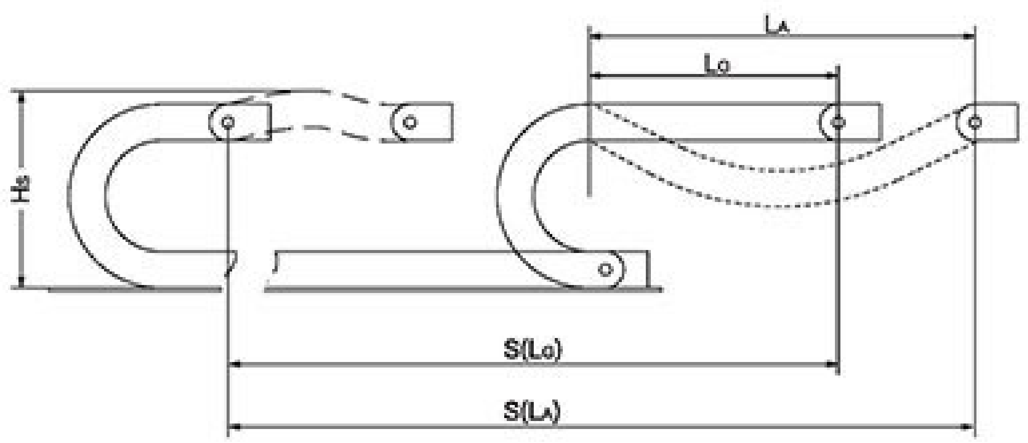
JQ1820*B*T1*n	两端接头 On both brackets
JQ1820*f*T1*n	固定端接头 Fixed bracket
JQ1820*m*T1*n	活动端接头 Moving bracket

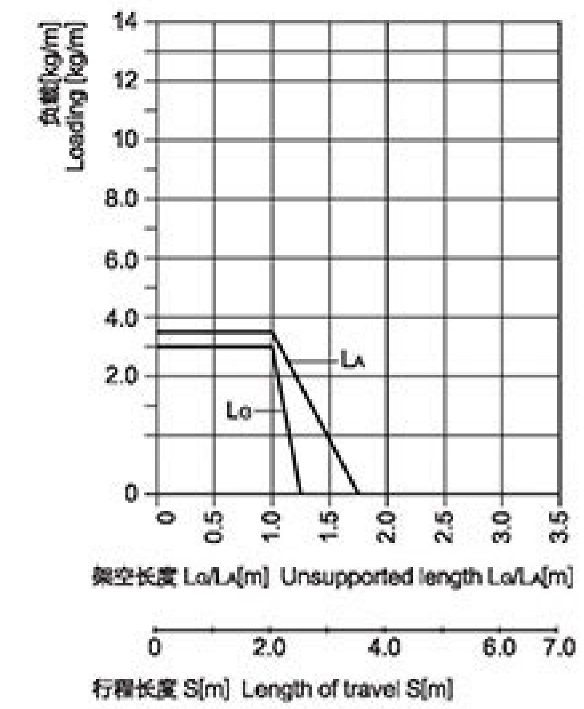
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

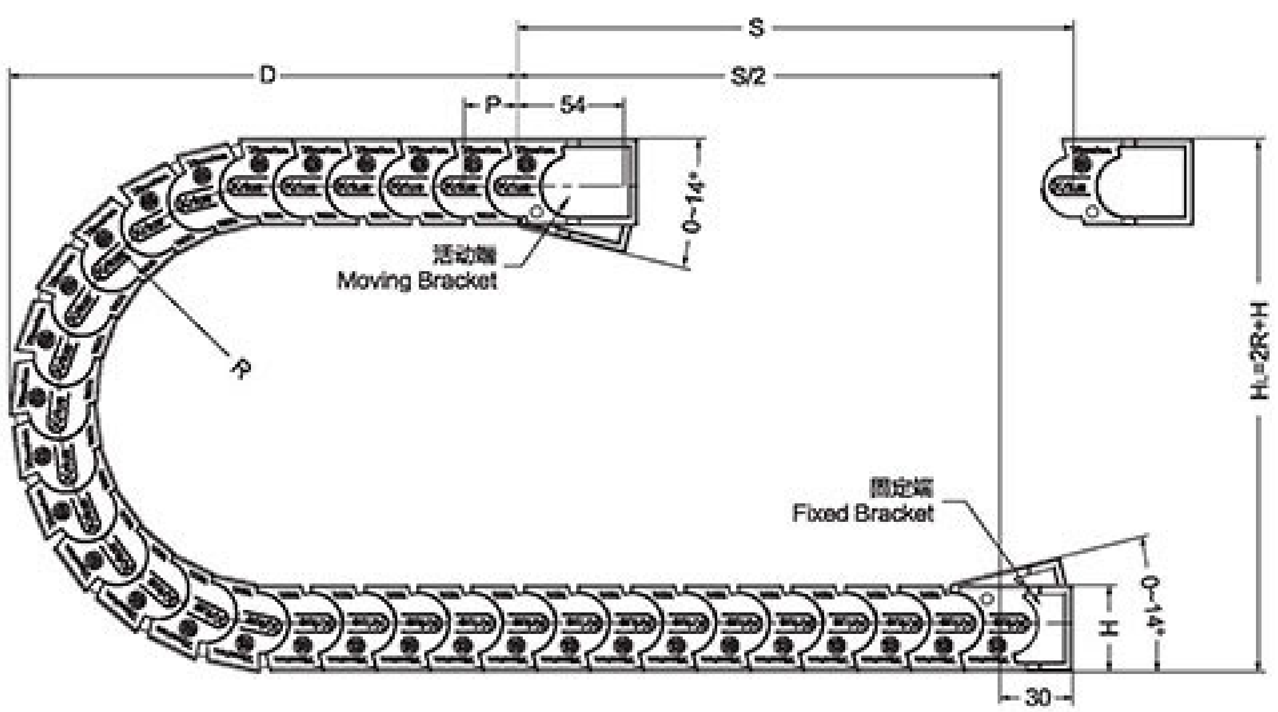
JQ28拖链–安装尺寸及技术参数
JQ28 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · 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.)
55 (2.17)	149 (5.87)	120 (4.72)	220 (8.66)	24 (0.95)
75 (2.95)	189 (7.44)	160 (6.30)	285 (11.22)	24 (0.95)
100 (3.94)	239 (9.41)	210 (8.27)	360 (14.17)	24 (0.95)

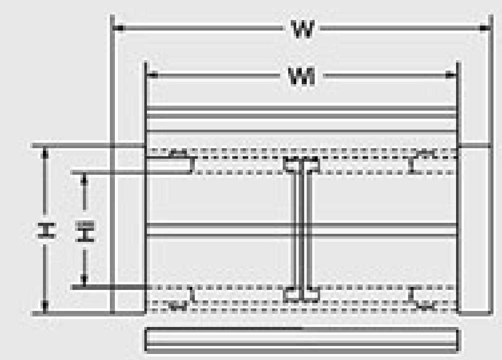
实际安装高度: $H_S=H_L+40mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=42（1008mm）

The required clearance height: $H_S=H_L+1.57in.$
Chain length: L=S/2+K (Fixed end in the middle)
Links per meter: N=42 (39.69 in.)

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	视情况而定 It depends on the situation
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V–2

JQ28 拖链–产品规格范围
JQ28 Cable Chain–Product specifications

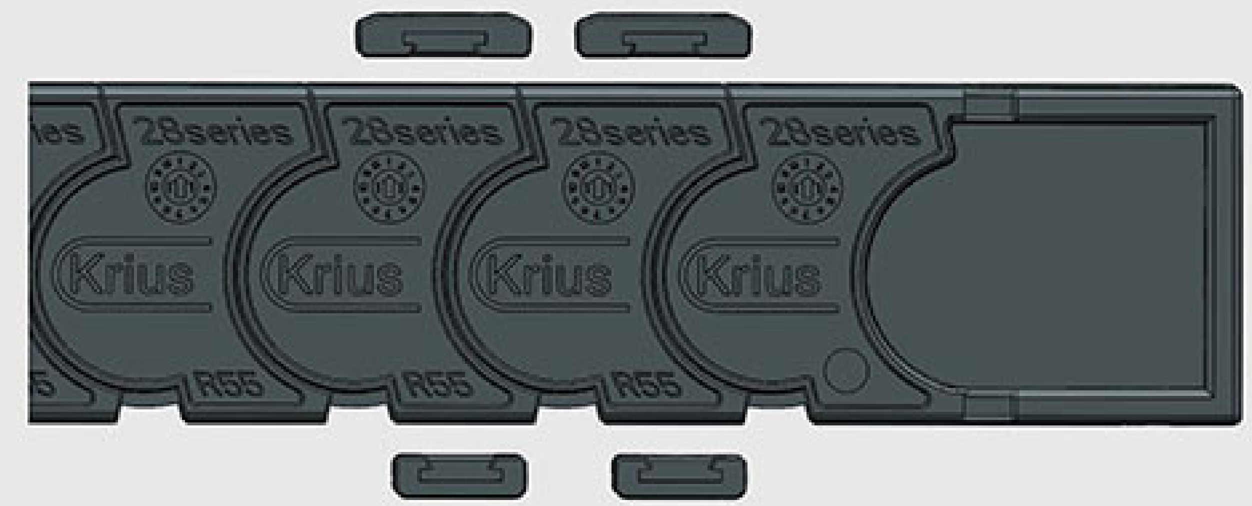
JQ28拖链–内外侧可开 JQ28 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

JQ2830*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)



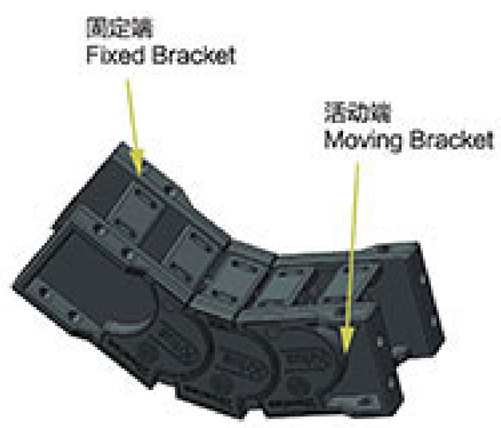
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
JQ2830		28.2 (1.11)	30.5 (1.20)	38.8 (1.53)	46.5 (1.83)	0.90 (0.61)	
JQ2850			50.5 (1.99)		66.5 (2.62)	1.03 (0.70)	
JQ2880			80.5 (3.17)		96.5 (3.80)	1.20 (0.82)	
JQ28120			120.5 (4.74)		136.5 (5.37)	1.28 (0.87)	

订货范例
Order details

JQ2830 * $\boxed{R55}$ * 1000mm * 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
55 (2.17)	149 (5.87)	120 (4.72)	220 (8.66)	24 (0.95)
75 (2.95)	189 (7.44)	160 (6.30)	285 (11.22)	24 (0.95)
100 (3.94)	239 (9.41)	210 (8.27)	360 (14.17)	24 (0.95)

JQ28 拖链-拖链接头
JQ28 Cable Chain-Mounting Bracket

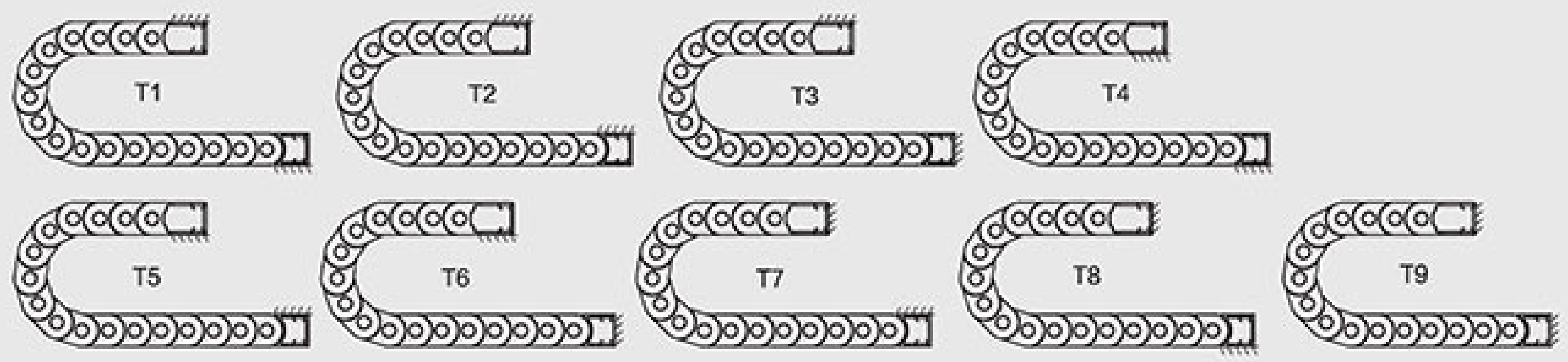


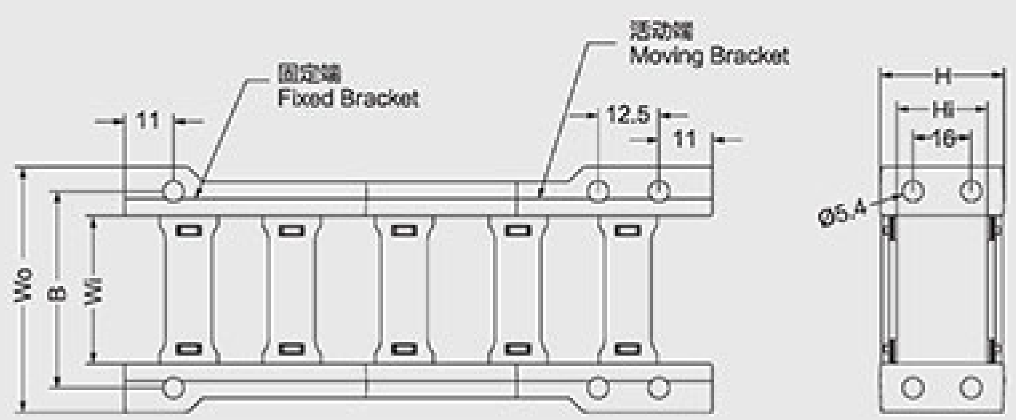
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式接头
- 无孔销装配连接
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket on both sides
- No pin and bore connection
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance, Gliding application
- Available preassembly form
- Can realize the internal and external connections

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





JQ2830
JQ2850
JQ2880
JQ28120

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.)
JQ2830	11211	R55 11206		54.5 (2.15)	44.5 (1.75)
JQ2850	11212	R75 11207	接头 Mounting Bracket 11209 11210	74.5 (2.93)	64.5 (2.54)
JQ2880	11213	R100 11208	隔离片 Separator 11215	104.5 (4.11)	94.5 (3.72)
JQ28120	11214			144.5 (5.69)	134.5 (5.30)

产品代码结构 Part Number Structure

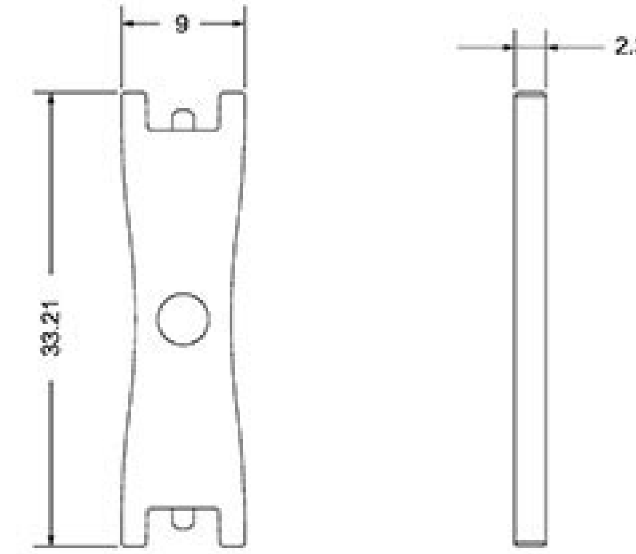
JQ2830*B*T1

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

JQ2830*B*T1*n	两端接头 On both brackets
JQ2830*f*T1*n	固定端接头 Fixed bracket
JQ2830*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.

JQ28 拖链-隔离片
JQ28 Cable Chain-Separator



JQ28拖链隔离片编码：11215
The separator No. for JQ28 : 11215

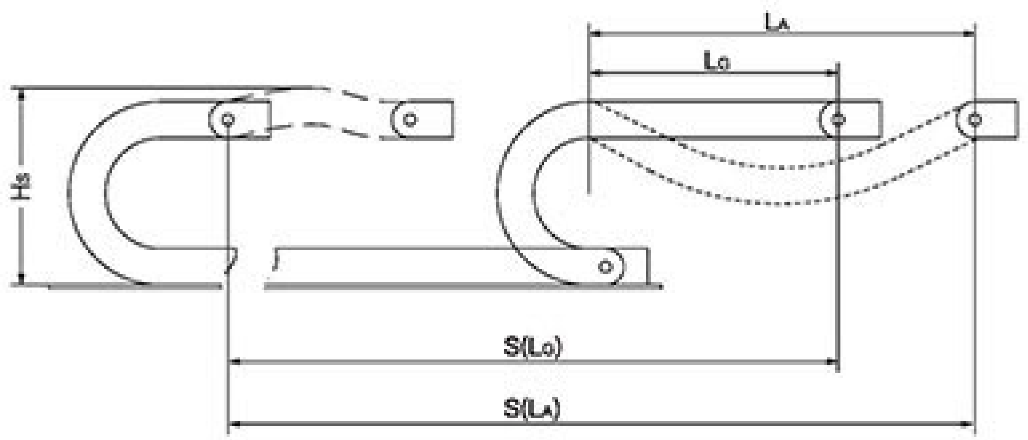
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，不能滑动

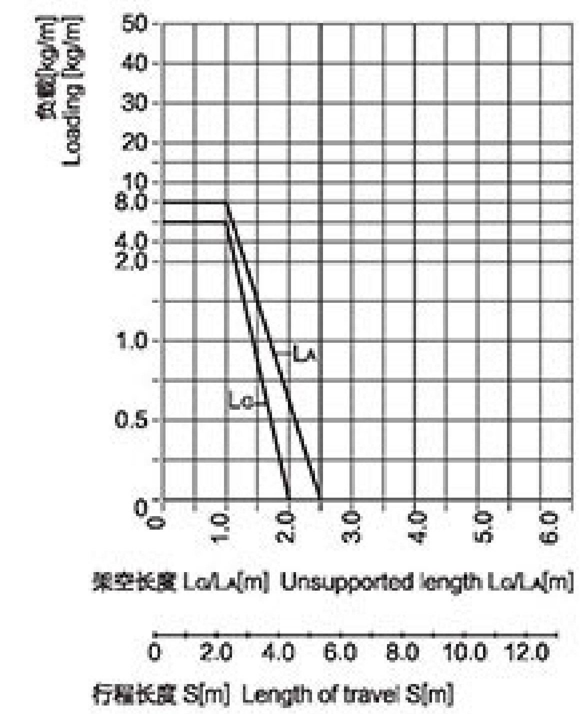
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

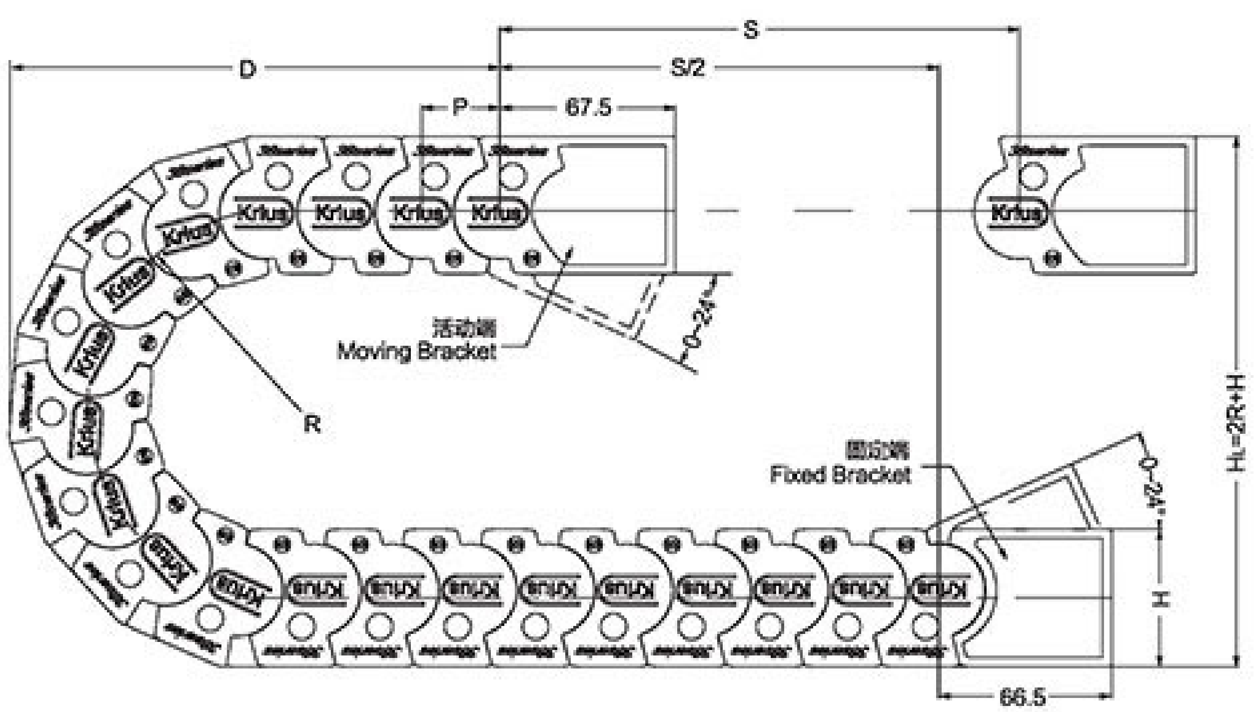
JQ38 拖链–安装尺寸及技术参数
JQ38 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	203 (7.99)	160 (6.30)	295 (11.61)	30 (1.18)
100 (3.94)	253 (9.96)	210 (8.27)	375 (14.76)	30 (1.18)
125 (4.92)	303 (11.93)	260 (10.24)	450 (17.72)	30 (1.18)
150 (5.91)	353 (13.90)	310 (12.20)	530 (20.87)	30 (1.18)
200 (7.87)	453 (17.83)	410 (16.14)	690 (27.17)	30 (1.18)

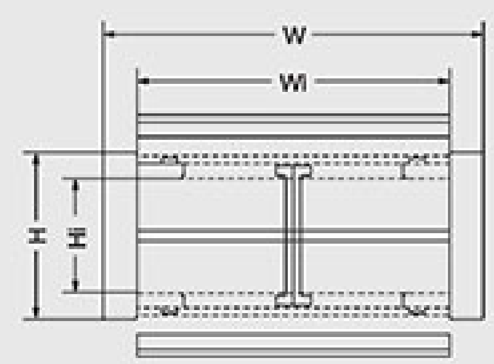
实际安装高度: Hs=HL+50mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=33（990mm）

The required clearance height:Hs=HL+1.97in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=33（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	视情况而定 It depends on the situation
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

JQ38 拖链–产品规格范围
JQ38 Cable Chain–Product specifications

JQ38拖链–内外侧可开 JQ38 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

JQ3850*R*L*n

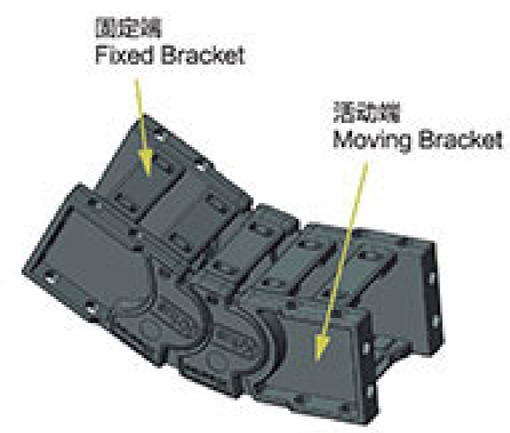
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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)	
JQ3850		39 (1.54)	51 (2.01)	53 (2.09)	71(2.80)	1.50 (1.02)	
JQ3860			61 (2.40)		81(3.19)	1.58 (1.07)	
JQ3870			71 (2.80)		91(3.58)	1.60 (1.09)	
JQ3880			81 (3.19)		101(3.98)	1.70 (1.16)	
JQ3890			91 (3.58)		111(4.37)	1.80 (1.22)	

订货范例 Order details **JQ3850 * R75 * 1000mm * 2**

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	203 (7.99)	160 (6.30)	295 (11.61)	30 (1.18)
100 (3.94)	253 (9.96)	210 (8.27)	375 (14.76)	30 (1.18)
125 (4.92)	303 (11.93)	260 (10.24)	450 (17.72)	30 (1.18)
150 (5.91)	353 (13.90)	310 (12.20)	530 (20.87)	30 (1.18)
200 (7.87)	453 (17.83)	410 (16.14)	690 (27.17)	30 (1.18)

JQ38 拖链–拖链接头
JQ38 Cable Chain–Mounting Bracket

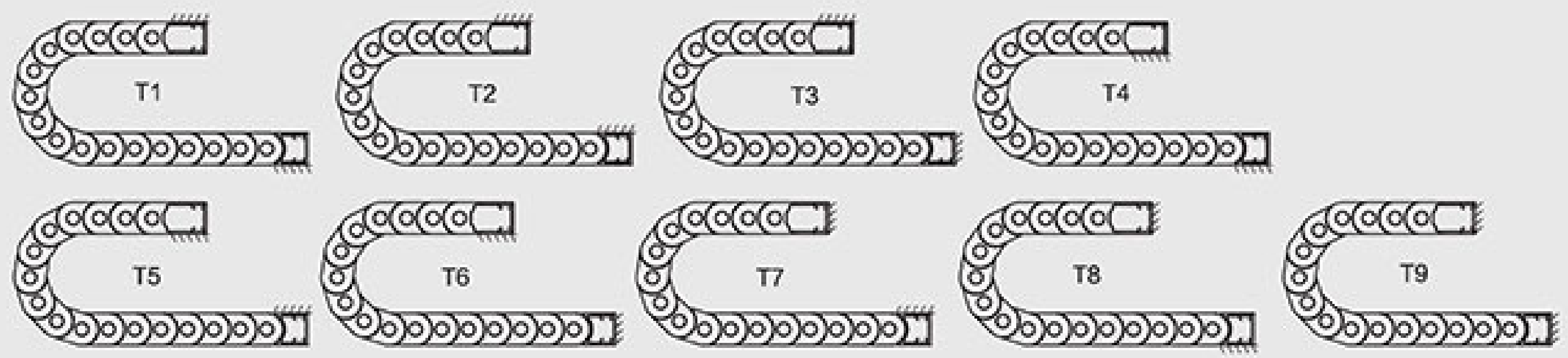


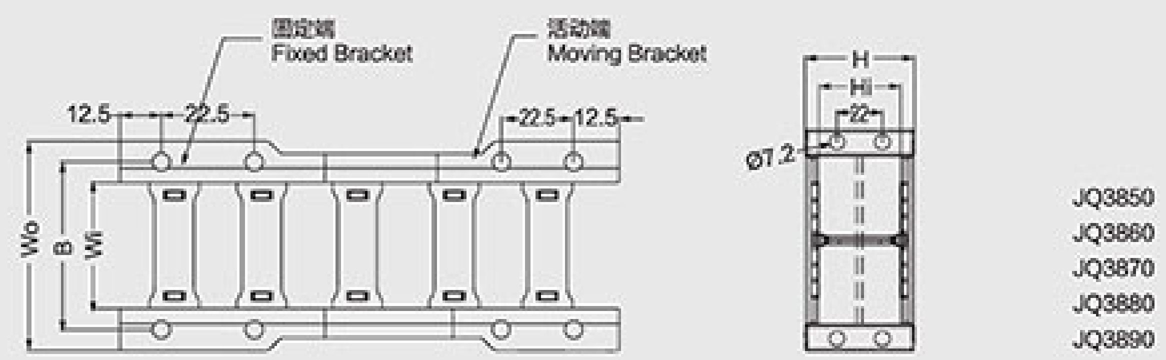
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式接头
- 无孔销装配连接
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket on both sides
- No pin and bore connection
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance, Gliding application
- Available preassembly form
- Can realize the internal and external connections

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





JQ3850
JQ3860
JQ3870
JQ3880
JQ3890

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
JQ3850	12069	接头 Mounting Bracket 12067 12068	隔离片 Separator 12079	77 (3.03)	65 (2.56)
JQ3860	12070			87 (3.43)	75 (2.95)
JQ3870	12071			97 (3.82)	85 (3.35)
JQ3880	12072	主体 Main Body 12066	弹片 Anti-noise part 12080	107 (4.21)	95 (3.74)
JQ3890	12073			117 (4.61)	105 (4.13)

产品代码结构 Part Number Structure

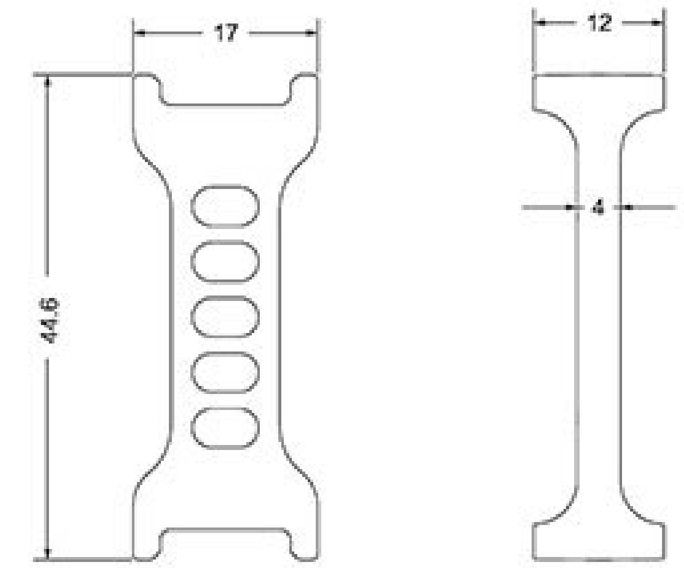
JQ3850*B*T1

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

JQ3850*B*T1*n	两端接头 On both brackets
JQ3850*f*T1*n	固定端接头 Fixed bracket
JQ3850*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.

JQ38 拖链–隔离片
JQ38 Cable Chain–Separator



JQ38拖链隔离片编码：12079
The separator No. for JQ38 : 12079

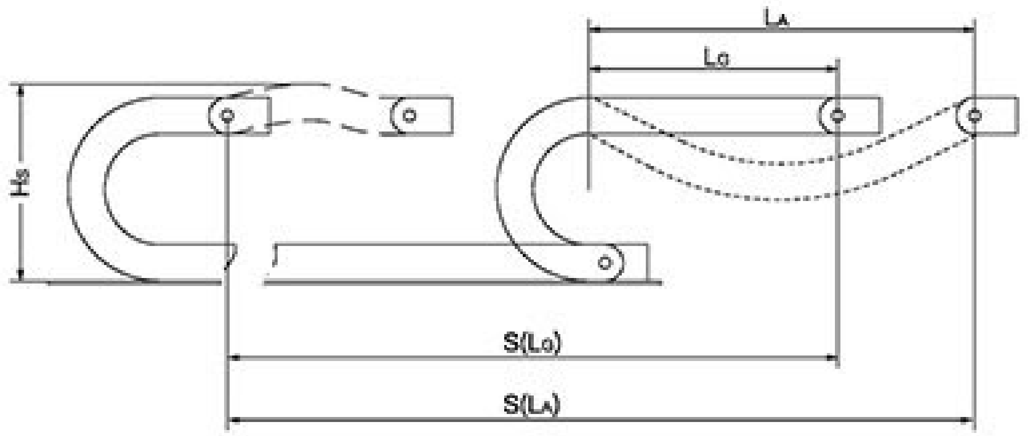
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

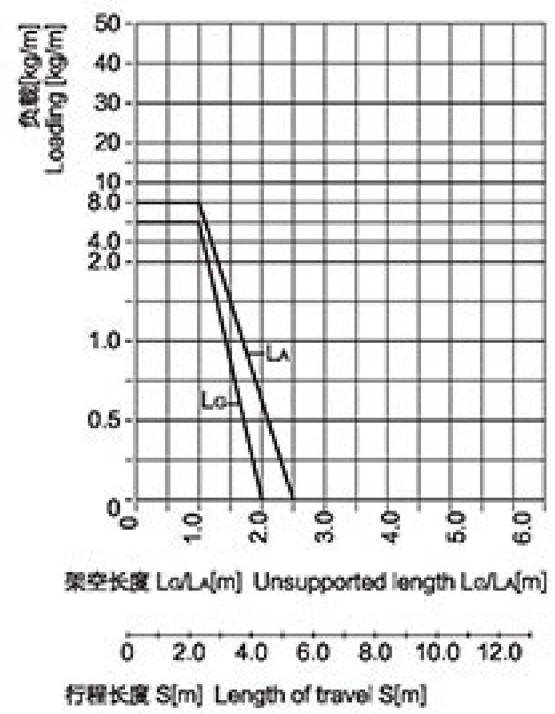
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cables

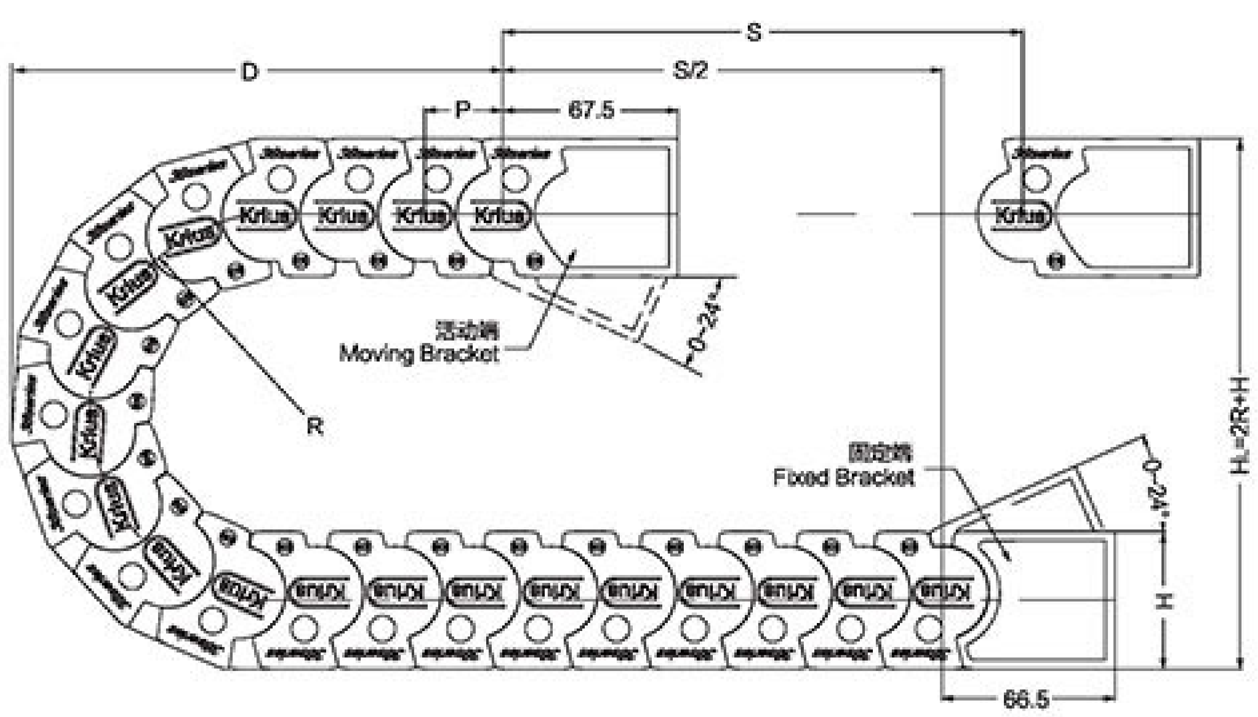
JF38 拖链–安装尺寸及技术参数
JF38 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
125 (4.92)	303 (11.93)	260 (10.24)	450 (17.72)	30 (1.18)
150 (5.91)	353 (13.90)	310 (12.20)	530 (20.87)	30 (1.18)
200 (7.87)	453 (17.83)	410 (16.14)	690 (27.17)	30 (1.18)

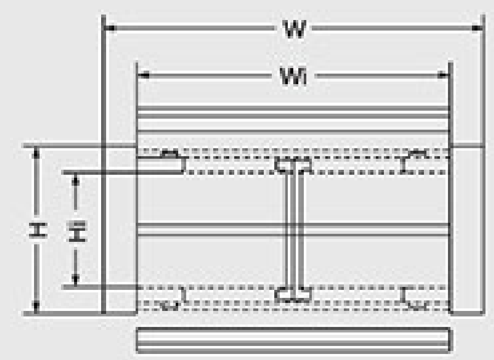
实际安装高度: $H_S=H_L+50mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=33（990mm）

The required clearance height: $H_S=H_L+1.97in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=33（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	视情况而定 It depends on the situation
材料–允许温度℃	Material–permitted temperature	Reinforce PA/–40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V–2

JF38 拖链–产品规格范围
JF38 Cable Chain–Product specifications

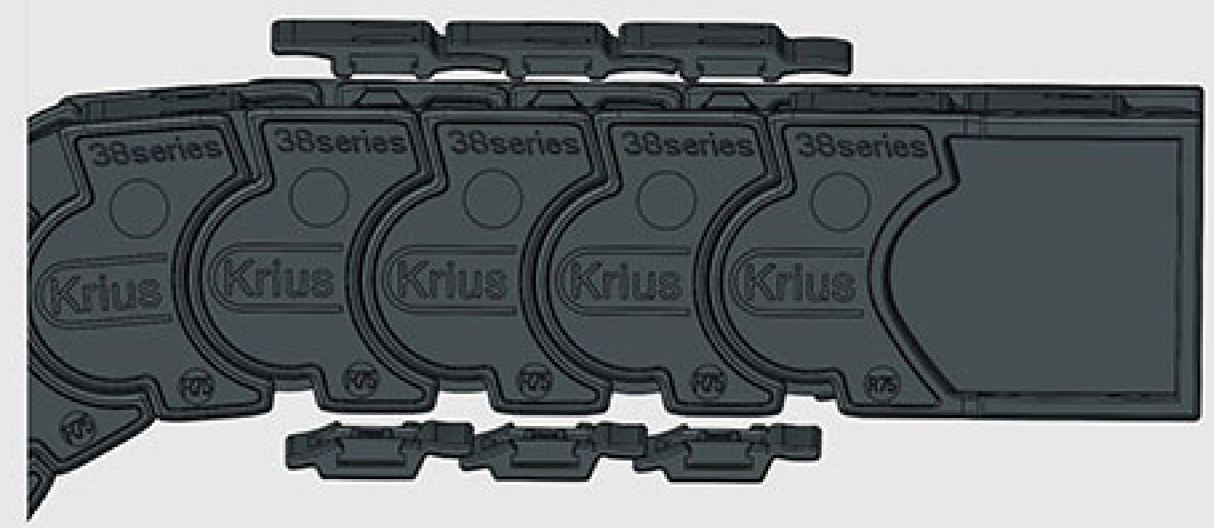
JF38拖链–内外侧可开 JF38 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

JF3850*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)

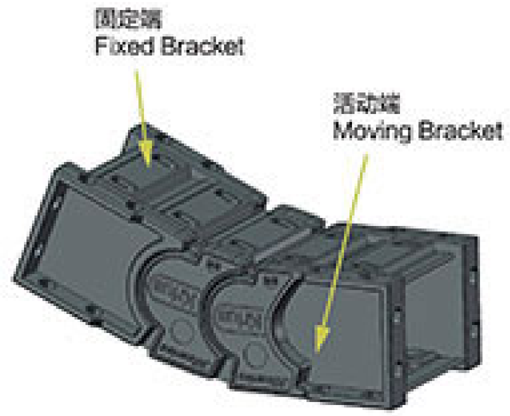


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
JF3850		39.4 (1.55)	51 (2.01)	53 (2.09)	71 (2.80)	1.50 (1.02)	
JF3860			61 (2.40)		81 (3.19)	1.58 (1.07)	
JF3870			71 (2.80)		91 (3.58)	1.60 (1.09)	
JF3880			81 (3.19)		101 (3.98)	1.70 (1.16)	
JF3890			91 (3.58)		111 (4.37)	1.80 (1.22)	

订货范例
Order details
JF3850 * R125 * 1000mm * 2

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
125 (4.92)	303 (11.93)	260 (10.24)	450 (17.72)	30 (1.18)
150 (5.91)	353 (13.90)	310 (12.20)	530 (20.87)	30 (1.18)
200 (7.87)	453 (17.83)	410 (16.14)	690 (27.17)	30 (1.18)

JF38 拖链−拖链接头
JF38 Cable Chain−Mounting Bracket

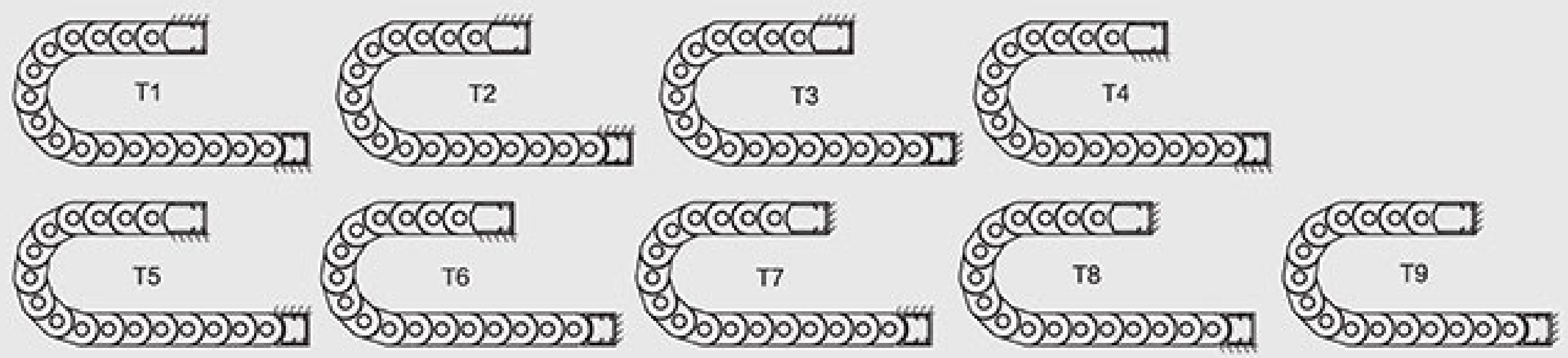


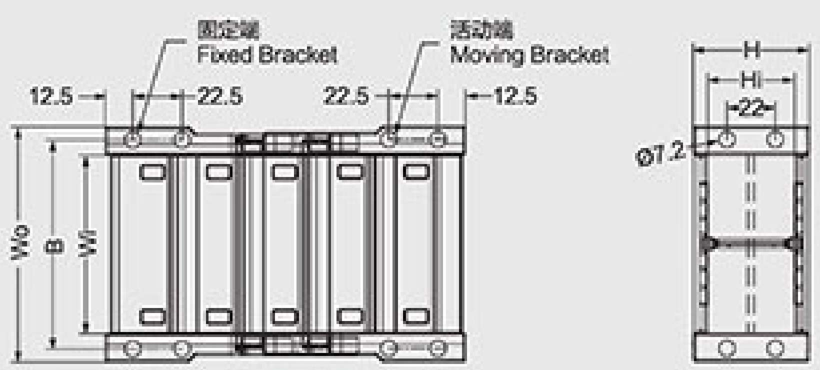
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式接头
- 无孔销装配连接
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket on both sides
- No pin and bore connection
- Moved connectors on both sides
- Anti−corrosion, Rub−resistance
- Available preassembly form
- Can realize the internal and external connections

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





JF3850
JF3860
JF3870
JF3880
JF3890

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
JF3850	12074			77 (3.03)	65 (2.56)
JF3860	12075	接头 Mounting Bracket 12067 12068	隔离片 Separator 12079	87 (3.43)	75 (2.95)
JF3870	12076			97 (3.82)	85 (3.35)
JF3880	12077	主体 Main Body 12066	弹片 Anti−noise part 12080	107 (4.21)	95 (3.74)
JF3890	12078			117 (4.61)	105 (4.13)

产品代码结构 Part Number Structure

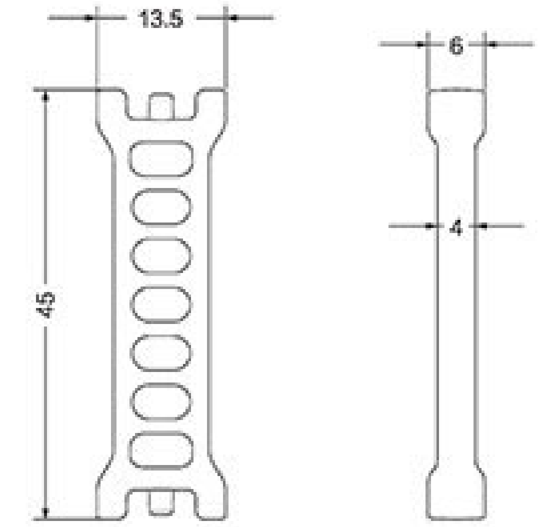
JF3850*B*T1

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

JF3850*B*T1*n	两端接头 On both brackets
JF3850*f*T1*n	固定端接头 Fixed bracket
JF3850*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.

JF38 拖链−隔离片
JF38 Cable Chain−Separator



JF38拖链隔离片编码：12079
The separator No. for JF38 : 12079

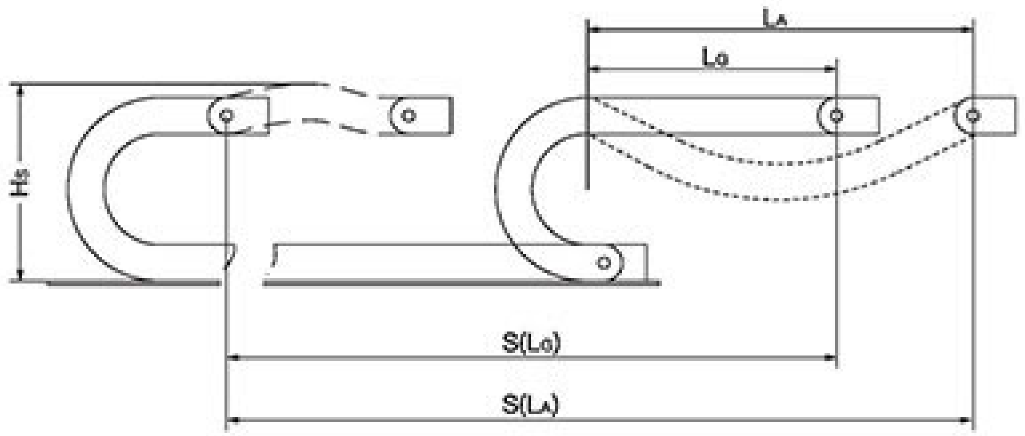
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，不能滑动

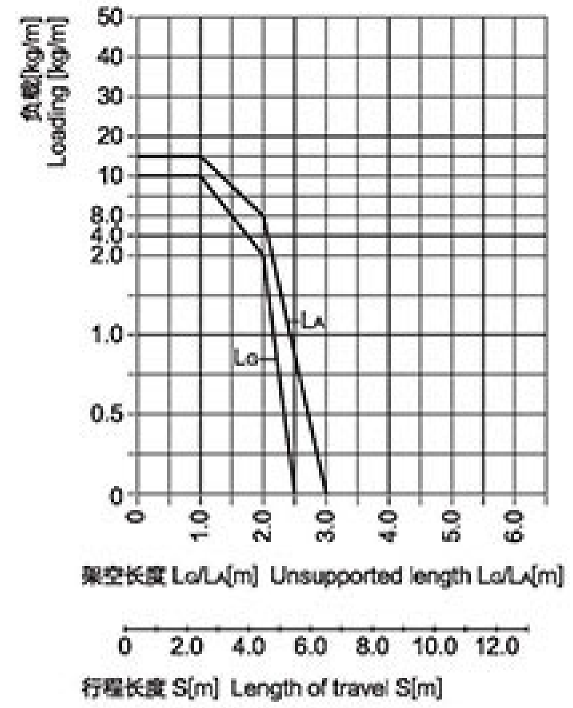
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

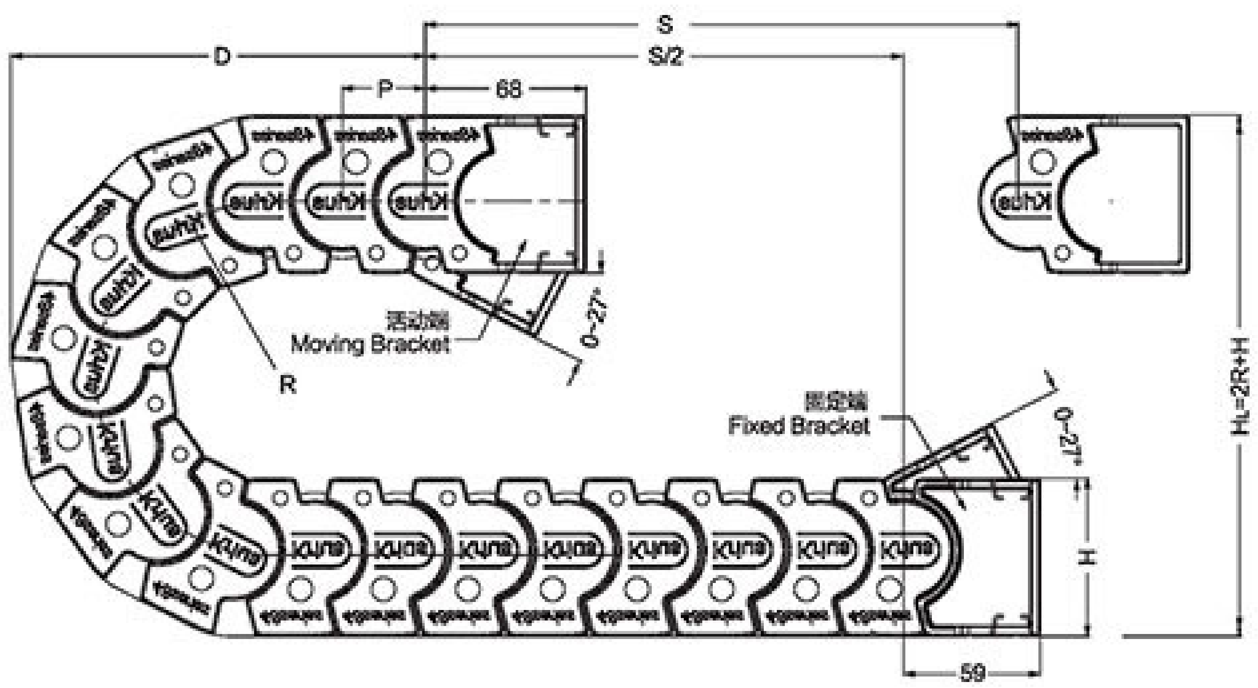
JQ48 拖链–安装尺寸及技术参数
JQ48 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







- S =行程长度
- R =弯曲半径
- P =节距
- L =拖链长度
- N =每米链节数
- H_L =理论安装高度
- H_S =实际安装高度
- D =拖链退回极限位置时的最小距离
- K =Л · 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
- H_L =Nominal clearance height
- H_S =Required clearance height
- D =Overlength energy chain radius in final position
- K =Л · R+2P
- * You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	217 (8.54)	160 (6.30)	305 (12.01)	35 (1.38)
100 (3.94)	267 (10.51)	210 (8.27)	385 (15.16)	35 (1.38)
125 (4.92)	317 (12.48)	260 (10.24)	465 (18.31)	35 (1.38)
150 (5.91)	367 (14.45)	310 (12.20)	530 (21.26)	35 (1.38)
200 (7.87)	467 (18.39)	410 (16.14)	700 (27.56)	35 (1.38)
250 (9.84)	567 (22.32)	510 (20.08)	855 (33.66)	35 (1.38)

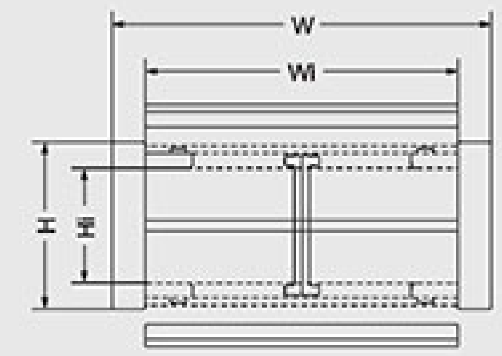
实际安装高度: $H_S=H_L+65mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=30（1050mm）

The required clearance height: $H_S=H_L+2.56in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=30（41.34 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	视情况而定 It depends on the situation
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

JQ48 拖链–产品规格范围
JQ48 Cable Chain–Product specifications

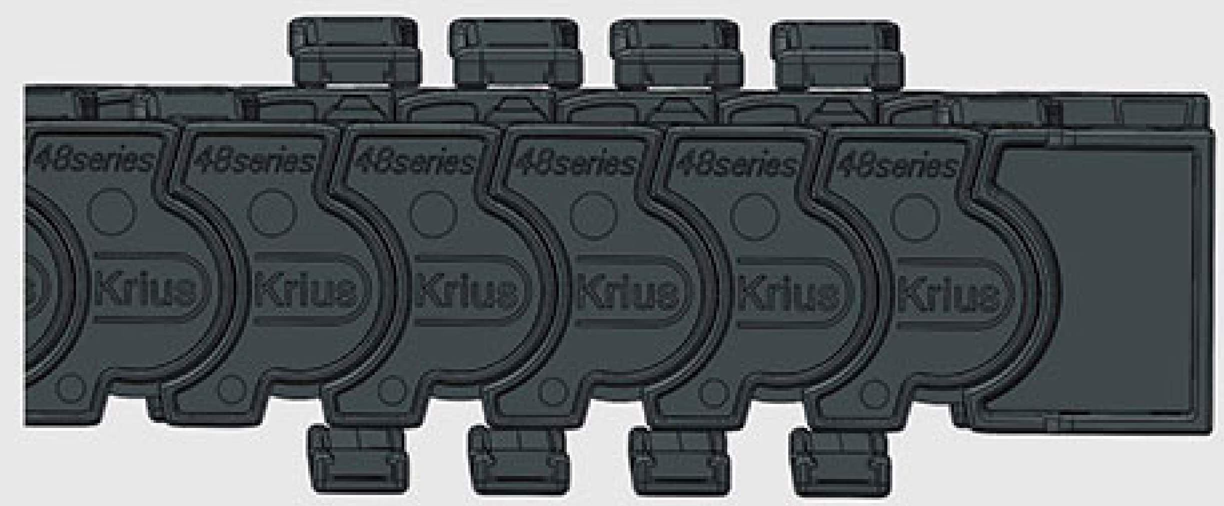
JQ48拖链–内外侧可开 JQ48 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

JQ4850*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)

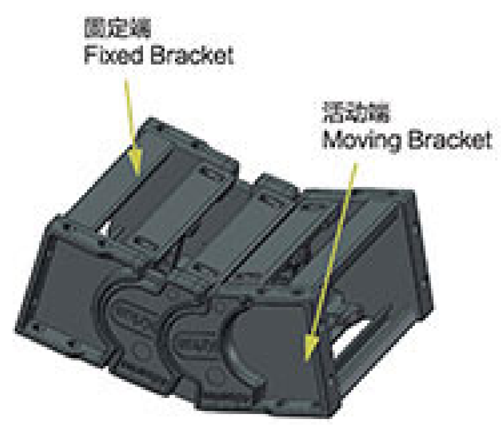


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
JQ4850		48 (1.89)	51 (2.01)	66.8 (2.63)	75 (2.95)	2.05 (1.39)	
JQ4875			76 (2.99)		100 (3.94)	2.20 (1.50)	
JQ48100			101 (3.98)		125 (4.92)	2.48 (1.69)	
JQ48125			126 (4.96)		150 (5.91)	2.90 (1.97)	
JQ48150			151 (5.94)		175 (6.89)	3.20 (2.18)	
JQ48175			176 (6.93)		200 (7.87)	3.70 (2.52)	

订货范例 Order details **JQ4850 * R75 * 1000mm * 2**

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	217 (8.54)	160 (6.30)	305 (12.01)	35 (1.38)
100 (3.94)	267 (10.51)	210 (8.27)	385 (15.16)	35 (1.38)
125 (4.92)	317 (12.48)	260 (10.24)	465 (18.31)	35 (1.38)
150 (5.91)	367 (14.45)	310 (12.20)	530 (21.26)	35 (1.38)
200 (7.87)	467 (18.39)	410 (16.14)	700 (27.56)	35 (1.38)
250 (9.84)	567 (22.32)	510 (20.08)	855 (33.66)	35 (1.38)

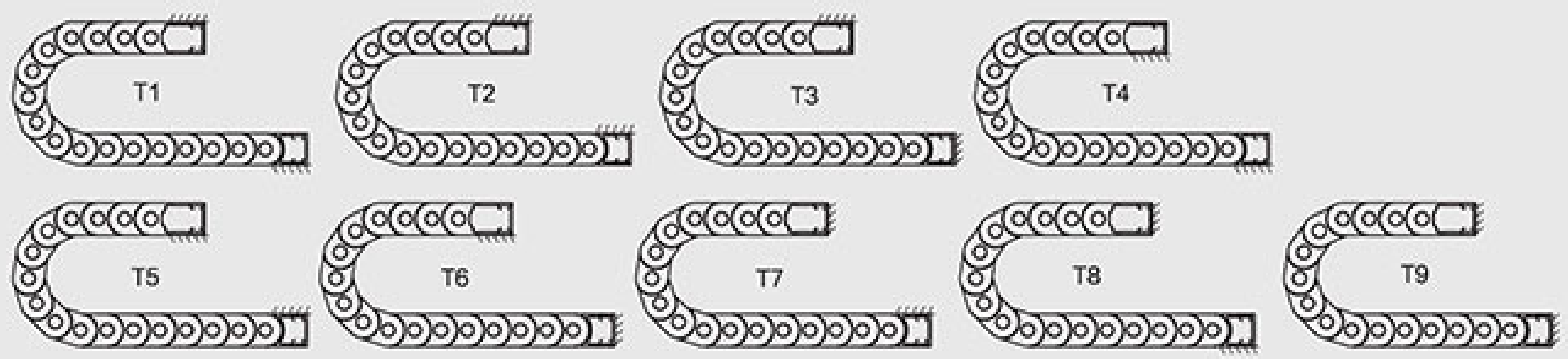
JQ48 拖链–拖链接头
JQ48 Cable Chain–Mounting Bracket

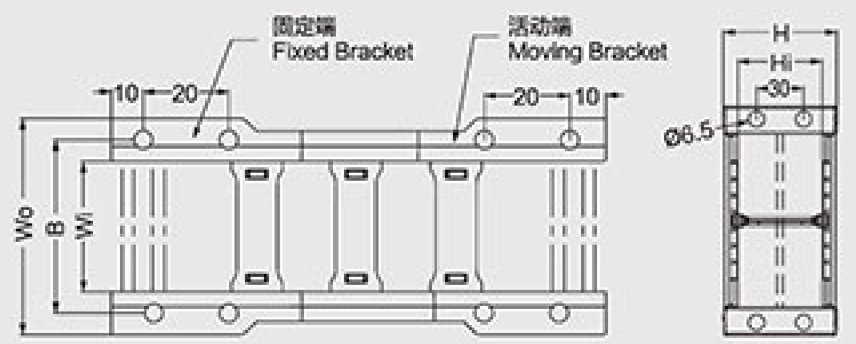


塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 各个侧面均有安装孔 • Mounting brackets with attachment points on each side
- 双侧独立式接头 • Separate mounting bracket on both sides
- 无孔销装配连接 • No pin and bore connection
- 两端接头均可活动 • Moved connectors on both sides
- 耐腐蚀&耐摩擦 • Anti–corrosion, Rub–resistance
- 可提供预装配形式 • Available preassembly form
- 可实现内外连接 • Can realize the internal and external connections

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





JQ4850
JQ4875
JQ48100
JQ48125
JQ48150
JQ48175

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
JQ4850	12132		81 (3.19)	67 (2.64)
JQ4875	12133	接头 Mounting Bracket 12130 12131; 隔离片 Separator 12139	106 (4.17)	92 (3.62)
JQ48100	12134		131 (5.16)	117 (4.61)
JQ48125	12135	主体 Main Body 12129; 弹片 Anti–noise part 12138	156 (6.14)	142 (5.59)
JQ48150	12136		181 (7.13)	167 (6.57)
JQ48175	12137		206 (8.11)	192 (7.56)

产品代码结构 Part Number Structure

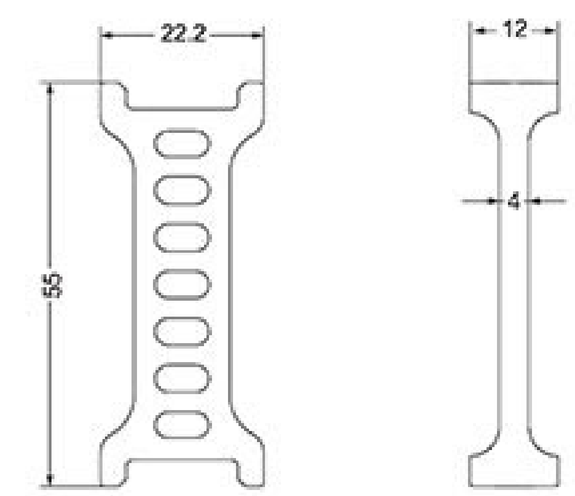
JQ4850*B*T1

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

JQ4850*B*T1*n	两端接头 On both brackets
JQ4850*f*T1*n	固定端接头 Fixed bracket
JQ4850*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.

JQ48 拖链–隔离片
JQ48 Cable Chain–Separator



JQ48拖链隔离片编码：12139
The separator No. for JQ48: 12139

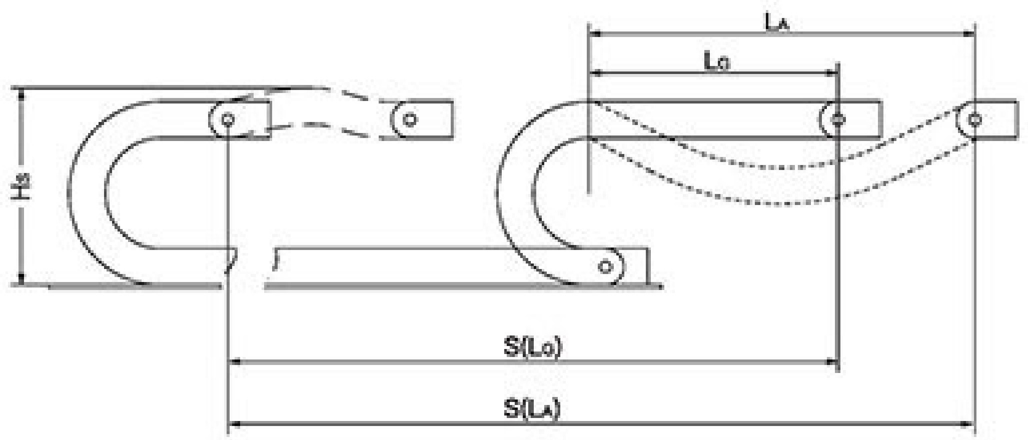
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

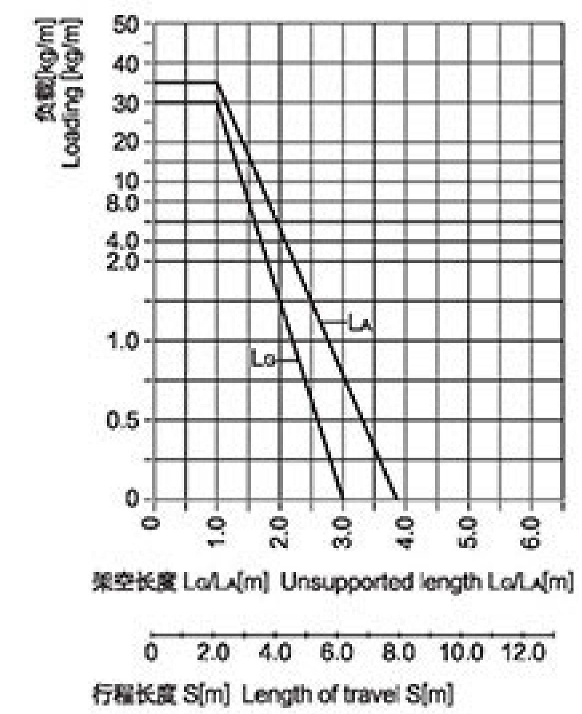
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cables

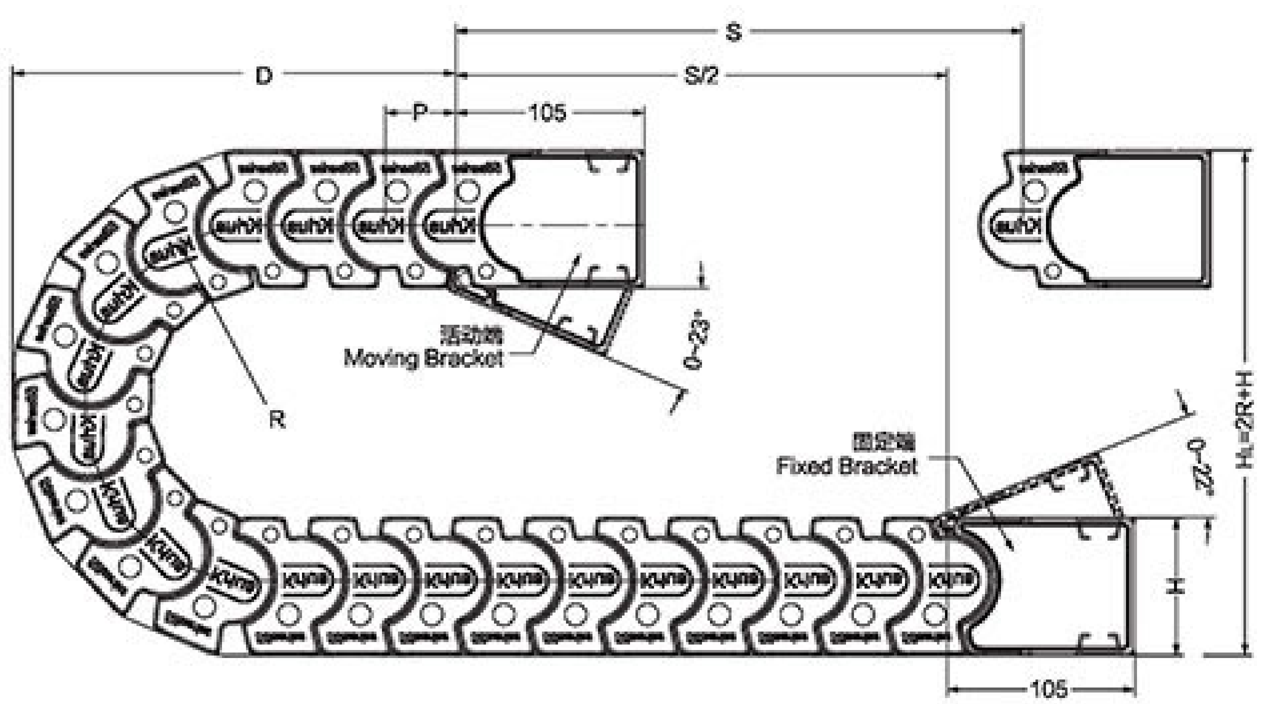
JQ58 拖链-安装尺寸及技术参数
JQ58 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · 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.)
115 (4.53)	307 (12.09)	240 (9.45)	440 (17.32)	40 (1.57)
150 (5.91)	377 (14.84)	310 (12.20)	550 (21.65)	40 (1.57)
200 (7.87)	477 (18.78)	410 (16.14)	710 (27.95)	40 (1.57)
250 (9.84)	577 (22.71)	510 (20.08)	865 (34.06)	40 (1.57)
300 (11.81)	677 (26.65)	610 (24.02)	1020 (40.16)	40 (1.57)
350 (13.78)	777 (30.59)	710 (27.95)	1180 (46.46)	40 (1.57)

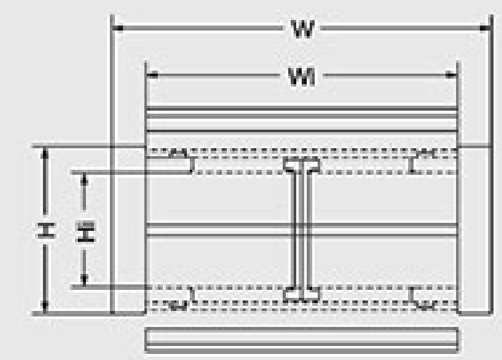
实际安装高度: $H_S=H_L+60mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=25（1000mm）

The required clearance height: $H_S=H_L+2.36in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=25（39.37 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	视情况而定 It depends on the situation
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

JQ58 拖链-产品规格范围
JQ58 Cable Chain-Product specifications

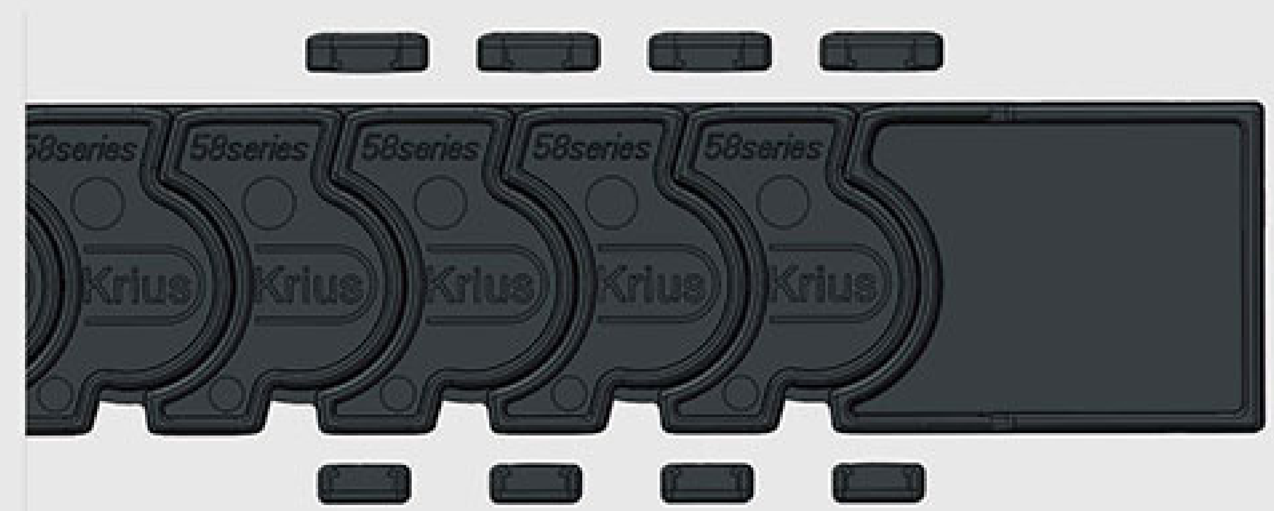
JQ58拖链-内外侧可开 JQ58 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

JQ5850*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)



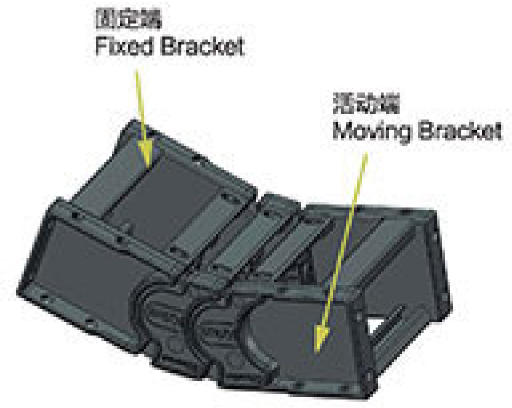
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
JQ5850		58 (2.28)	51 (2.01)	76.8 (3.02)	83 (3.27)	2.86 (1.94)	
JQ5875			76 (2.99)		108 (4.25)	3.26 (2.22)	
JQ58100			101 (3.98)		133 (5.24)	3.39 (2.31)	
JQ58125			126 (4.96)		158 (6.22)	3.54 (2.41)	
JQ58150			151 (5.94)		183 (7.20)	3.69 (2.51)	
JQ58175			176 (6.93)		208 (8.19)	3.84 (2.61)	

订货范例
Order details

JQ5850 * R115 * 1000mm * 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
115 (4.53)	307 (12.09)	240 (9.45)	440 (17.32)	40 (1.57)
150 (5.91)	377 (14.84)	310 (12.20)	550 (21.65)	40 (1.57)
200 (7.87)	477 (18.78)	410 (16.14)	710 (27.95)	40 (1.57)
250 (9.84)	577 (22.71)	510 (20.08)	865 (34.06)	40 (1.57)
300 (11.81)	677 (26.65)	610 (24.02)	1020 (40.16)	40 (1.57)
350 (13.78)	777 (30.59)	710 (27.95)	1180 (46.46)	40 (1.57)

JQ58 拖链–拖链接头
JQ58 Cable Chain–Mounting Bracket

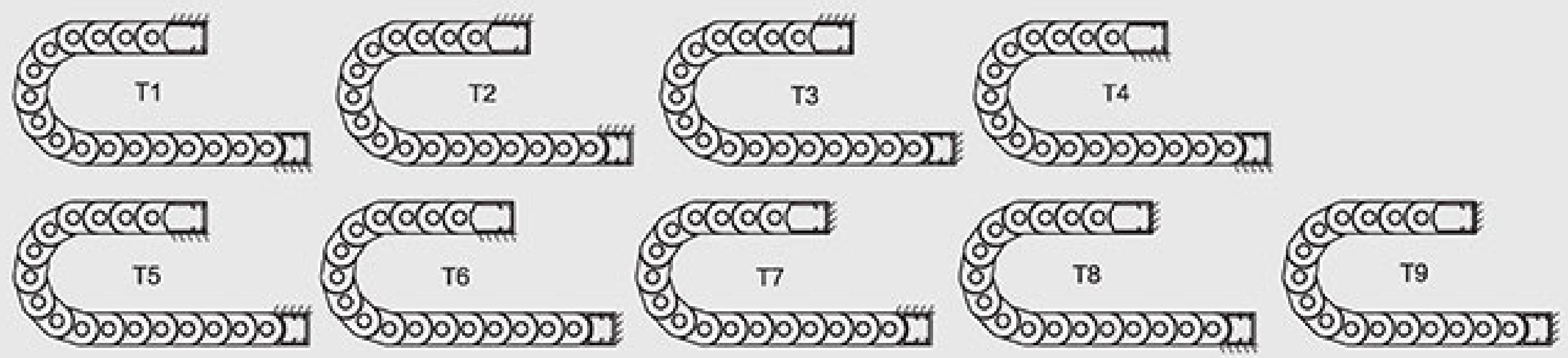


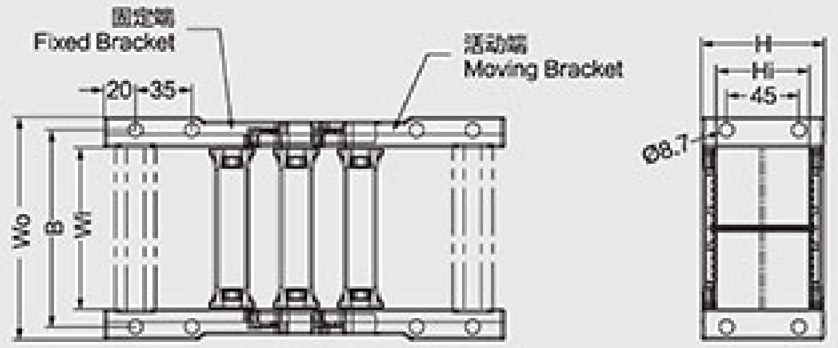
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式接头
- 无孔销装配连接
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket on both sides
- No pin and bore connection
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





JQ5850 / JQ5875
JQ58100 / JQ58125
JQ58150 / JQ58175

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
JQ5850	12132	接头 Mounting Bracket 12141 12142; 隔离片 Separator 12144; 主体 Main Body 12140; 弹片 Anti-noise part 12143	89 (3.50)	73 (2.87)
JQ5875	12133		114 (4.49)	98 (3.86)
JQ58100	12134		139 (5.47)	123 (4.84)
JQ58125	12135		164 (6.46)	148 (5.83)
JQ58150	12136		189 (7.44)	173 (6.81)
JQ58175	12137		214 (8.43)	198 (7.80)

产品代码结构 Part Number Structure

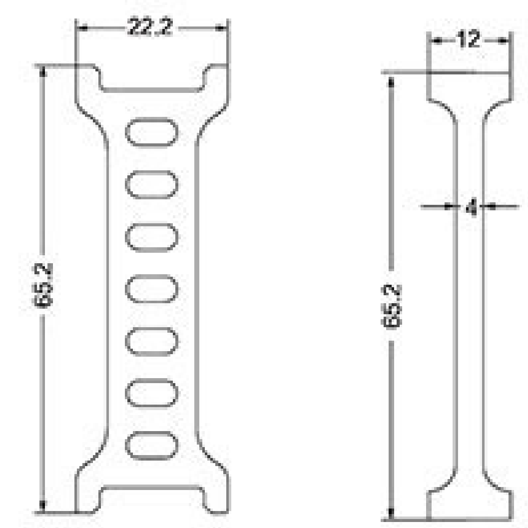
JQ5850*B*T1

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

JQ5850*B*T1*n	两端接头 On both brackets
JQ5850*f*T1*n	固定端接头 Fixed bracket
JQ5850*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.

JQ58 拖链–隔离片
JQ58 Cable Chain–Separator



JQ58拖链隔离片编码：12144
The separator No. for JQ58: 12144

- 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，可以根据线缆排布进行滑动

- 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 be moved for different cables

Krius® 科瑞斯

ZF ZQ

Series Cable Chain

ZF · ZQ系列拖链

ZF · ZQ系列拖链拆装过程
Assemble and dismantle sketch for ZF·ZQ series

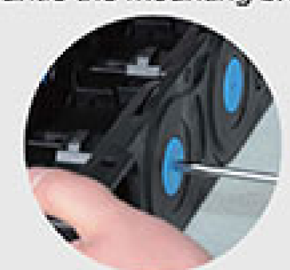
STEP 1
组装主体片
Connect 2pcs body part into 1

STEP 2
组装封闭片/横杆
Assemble cross bar/closed part into the body parts, and knock gently by rubber hammer ,make them link by link till to the length that customer asked

STEP 3
组装接头
Assemble mounting bracket

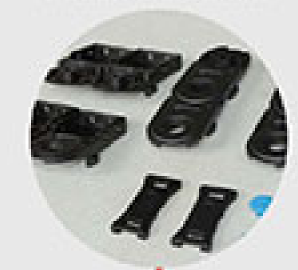
STEP 4
组装完成
Finish the assemble

STEP 1
拆卸封闭片/横杆
Prize the cross bar of the each end first and second link from the hole by screw driver



STEP 2
拆卸接头
Dismantle the mounting bracket

STEP 3
拆卸主体
Dismantle the body part



STEP 4
拆卸完成
Finish dismantle

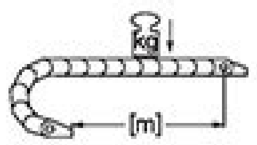
ZF·ZQ 系列拖链拆装过程
Assemble and dismantle sketch for ZF-ZQ series

ZF · ZQ系列拖链
ZF·ZQ 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

承载量
High Loading



功能特点 Features & Benefits

- 横杆在内外侧均可打开
- 阻燃等级UL94 V-2
- 配有双侧独立式带梳妆片接头
- 外形设计美观、大方、防尘
- 耐磨擦、耐腐蚀，滑行应用
- 用于较长的架空长度
- 可以组装成“S”型拖链（仅适用于ZQ系列）

- Cross bars can be opened along inwards and outwards radius
- Flammability class UL94 V-2
- Separate mounting bracket with tie warp plate on both side
- Beautiful and decent appearance design and dustproof
- Anti-corrosion, Rub-resistance, Gliding application
- For longer unsupported length
- Assembled as S-shaped chain(only for ZQ series)

ZF · ZQ拖链的适用场合 Application

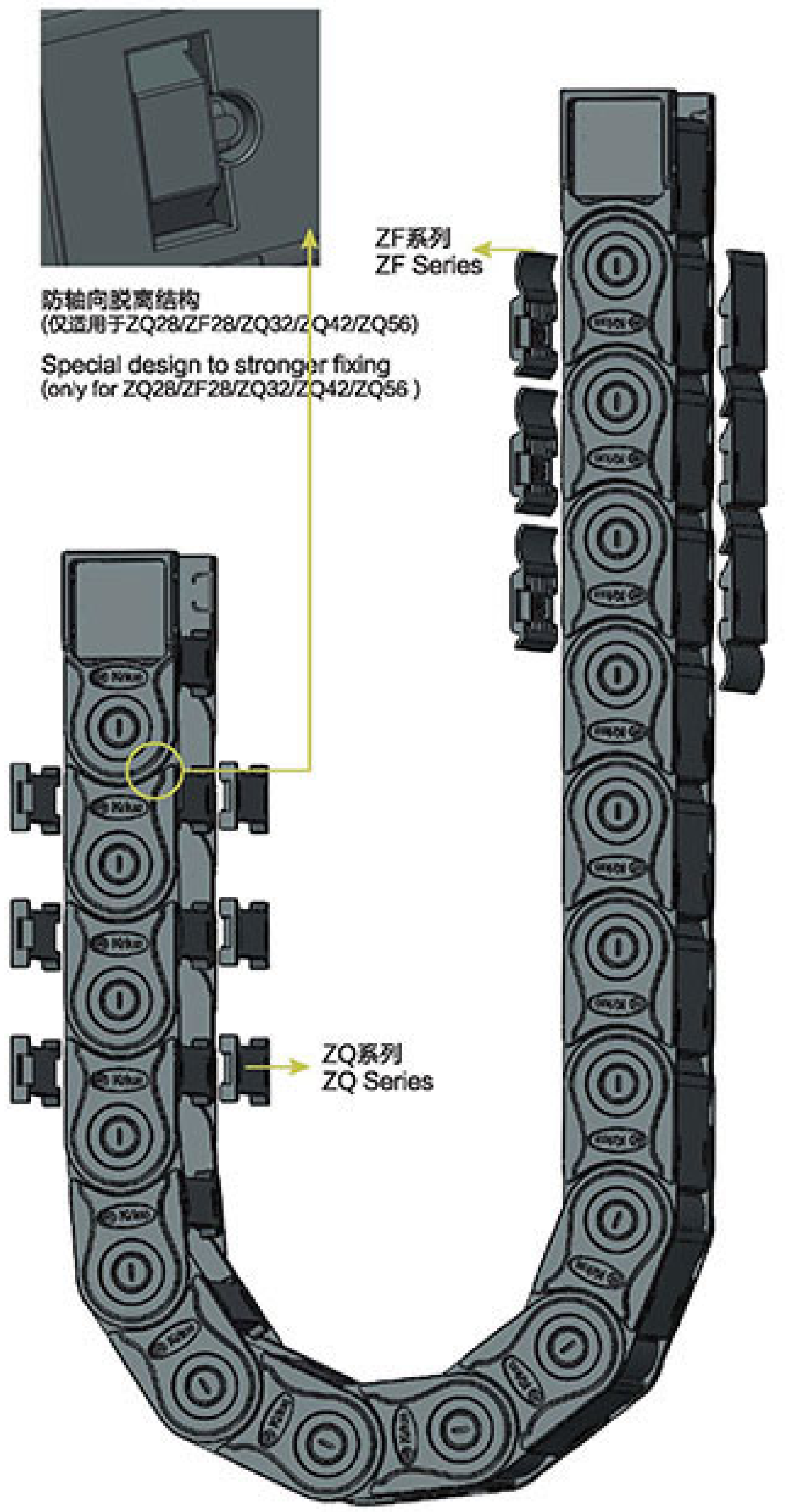
- 噪音要求较高(适用于ZQ28/ZF28/ZQ32/ZQ42/ZQ56)
- 速度或加速度较高
- 磨损较大，且要求承重较重

- Not for extremely low speed(only for ZQ28/ZF28/ZQ32/ZQ42/ZQ56)
- For high speed and high acceleration
- For large wear and high loading situation

ZF · ZQ拖链的不适用场合 Not applicable

- 超重载场合应用
- 快速拆装

- Not for overloading
- Not for quick assemble



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22节

Please mark the length or link number, such as 1 meter or 22 links

ZF2840*R125*1000*2
(2条长度1米的拖链)

ZF2840*R125*1000*2
(2 pieces of 1-meter-long cable chain)

ZF2840*B*T1*1+C型槽+梳状片
(1副接头，T1安装方式，带C型槽和梳状片)

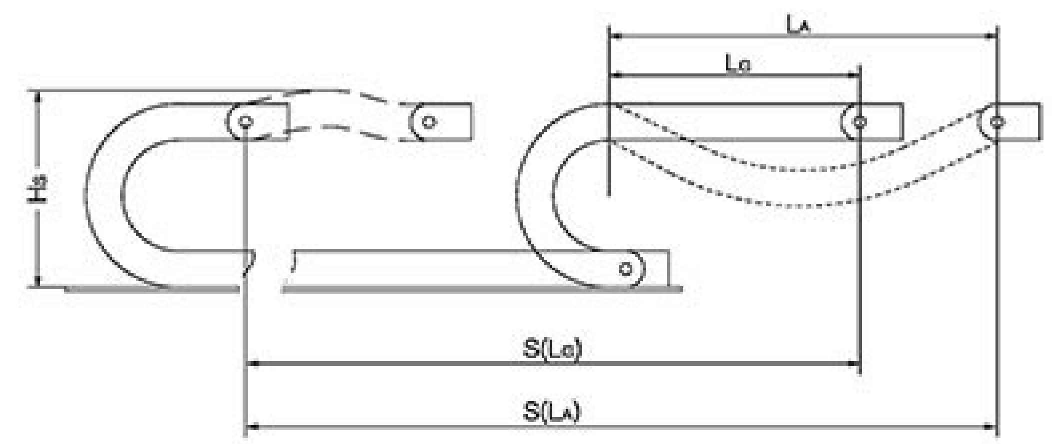
ZF2840*B*T1*1+C型槽+梳状片
(1 piece of connector, T1 installation method, with C-Rail and Tie-wrap plate)

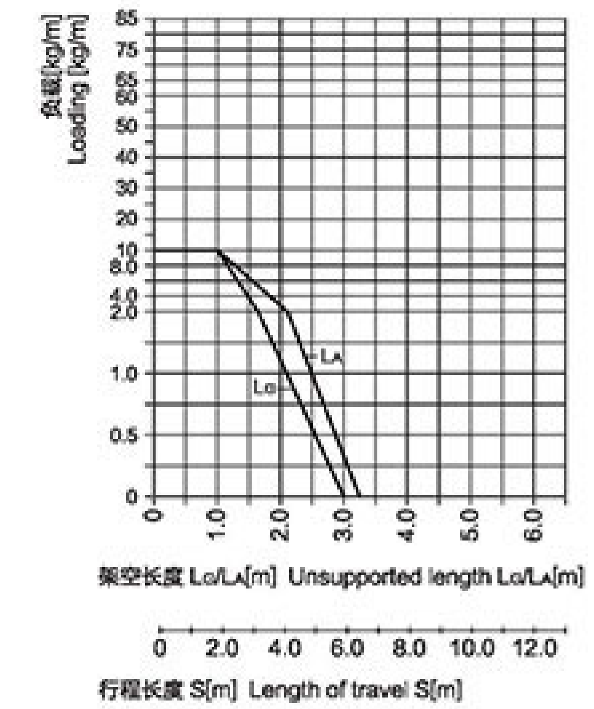
ZF28 拖链—安装尺寸及技术参数
ZF28 Cable Chain—Installation Dimensions and Technical Parameters

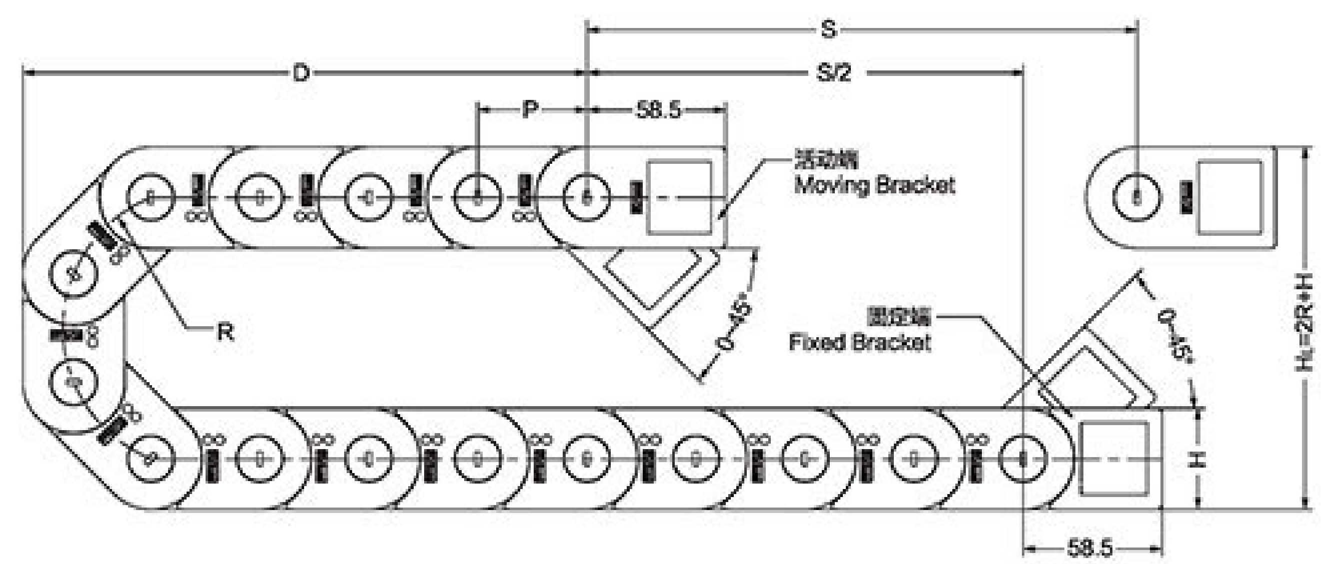
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
125 (4.92)	293 (11.54)	260 (10.24)	485 (19.09)	46 (1.81)
150 (5.91)	343 (13.50)	310 (12.20)	565 (22.24)	46 (1.81)
175 (6.89)	393 (15.47)	360 (14.17)	640 (25.20)	46 (1.81)
200 (7.87)	443 (17.44)	410 (16.14)	720 (28.35)	46 (1.81)
250 (9.84)	543 (21.38)	510 (20.08)	880 (34.65)	46 (1.81)

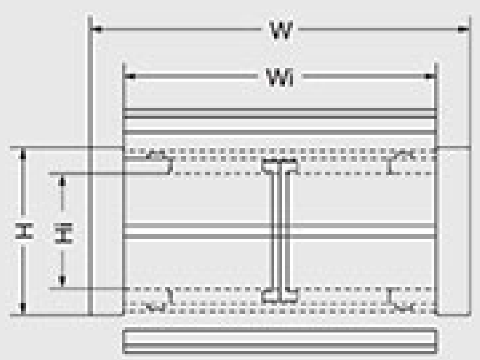
实际安装高度: $H_S=H_L+40mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=22（1012mm）

The required clearance height: $H_S=H_L+1.57in.$
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_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZF28 拖链–产品规格范围
ZF28 Cable Chain–Product specifications

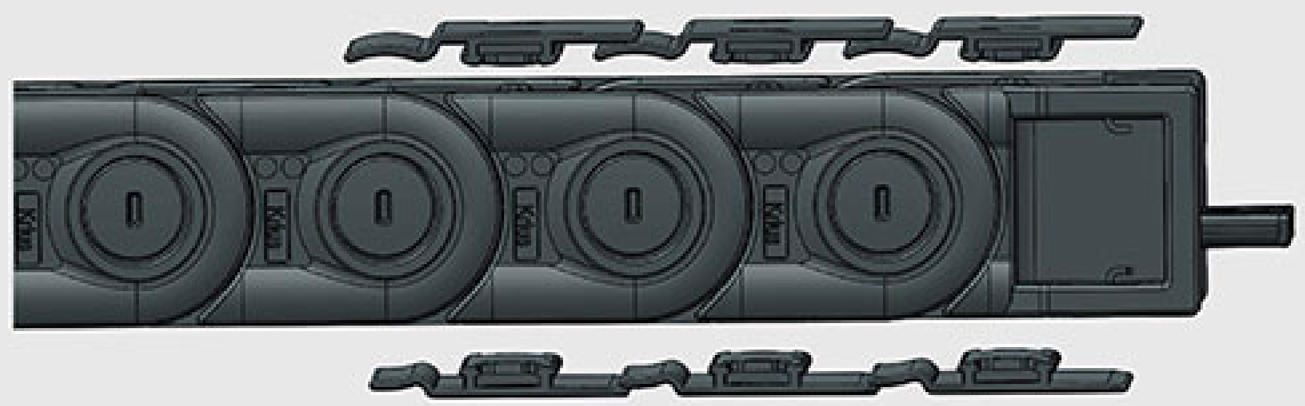
ZF28拖链–内外侧可开 ZF28 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZF2840*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)



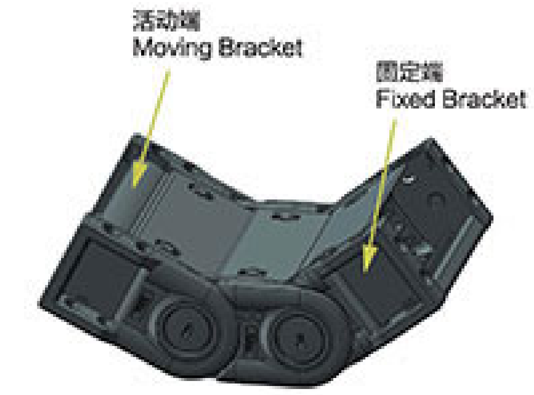
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
ZF2840		28.2 (1.11)	41 (1.61)	43 (1.69)	61 (2.40)	0.91 (0.62)	
ZF2850			51 (2.01)		71 (2.80)	1.18 (0.80)	
ZF2862			63 (2.48)		83 (3.27)	1.32 (0.90)	
ZF2870			71 (2.80)		91 (3.58)	1.40 (0.95)	
ZF2875			76 (2.99)		96 (3.78)	1.48 (1.01)	
ZF2887			88 (3.46)		108 (4.25)	1.59 (1.08)	
ZF28100			101 (3.98)		121 (4.76)	1.68 (1.14)	
ZF28125			126 (4.96)		146 (5.75)	1.81 (1.23)	

订货范例
Order details

ZF2840 * R125 * 1000mm * 2

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
125 (4.92)	293 (11.54)	260 (10.24)	485 (19.09)	46 (1.81)
150 (5.91)	343 (13.50)	310 (12.20)	565 (22.24)	46 (1.81)
175 (6.89)	393 (15.47)	360 (14.17)	640 (25.20)	46 (1.81)
200 (7.87)	443 (17.44)	410 (16.14)	720 (28.35)	46 (1.81)
250 (9.84)	543 (21.38)	510 (20.08)	880 (34.65)	46 (1.81)

ZF28 拖链–拖链接头
ZF28 Cable Chain–Mounting Bracket

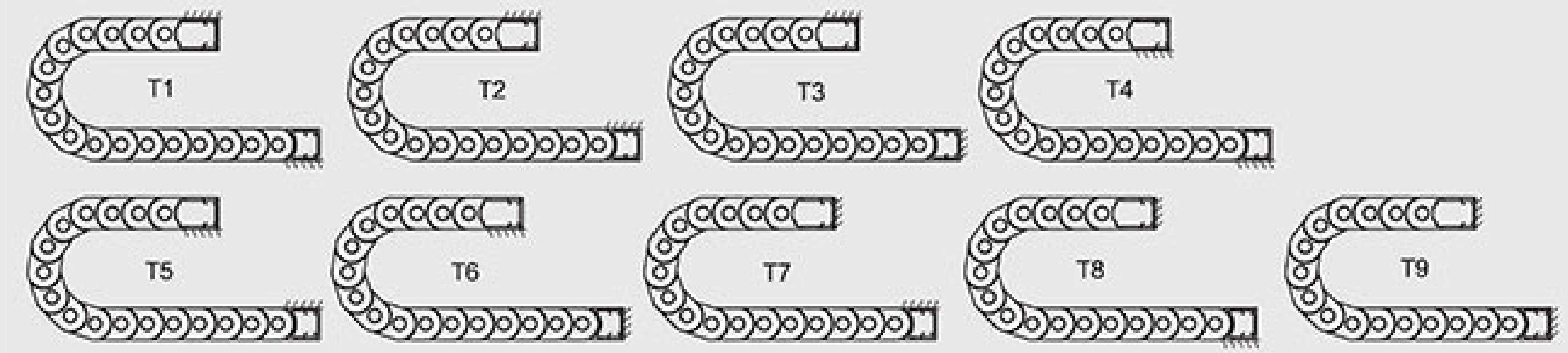


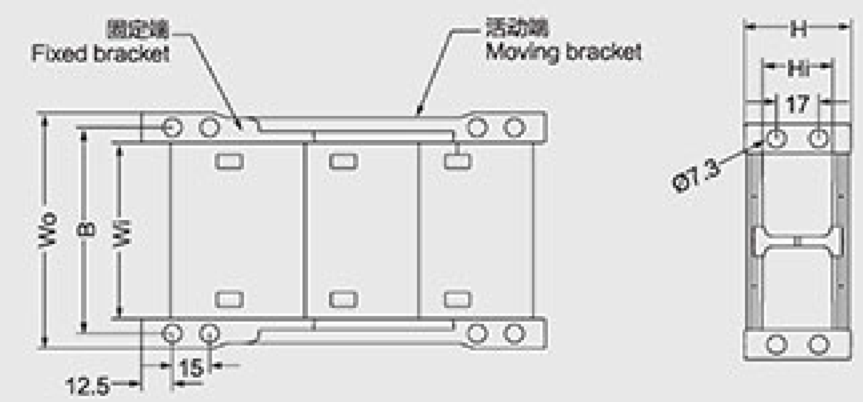
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式带梳状片接头
- 两端接头均可活动
- 耐腐蚀＆耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket with tie warp plate on both side
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZF2840 / ZF2850
ZF2862 / ZF2870
ZF2875 / ZF2887
ZF28100 / ZF28125

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZF2840	14218	接头 Mounting Bracket 14204 14205; 弹片 Anti-noise part 14207; 主体 Main Body 14203; 锁扣 Fixed Button 14206; 隔离片 Separator 14208; 梳状片 Tie-wrap plate 14227	65 (2.56)	53 (2.09)
ZF2850	14219		75 (2.95)	63 (2.48)
ZF2862	14220		87 (3.43)	75 (2.95)
ZF2870	14221		95 (3.74)	83 (3.27)
ZF2875	14222		100 (3.94)	88 (3.46)
ZF2887	14223		112 (4.41)	100 (3.94)
ZF28100	14224		125 (4.92)	113 (4.45)
ZF28125	14225		150 (5.91)	138 (5.43)

产品代码结构 Part Number Structure

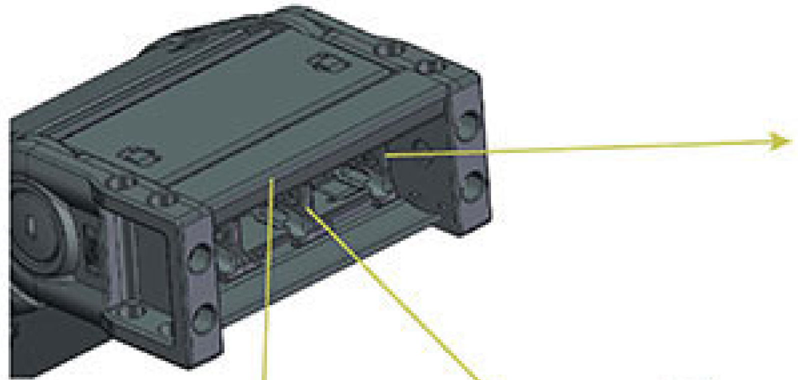
ZF2840*B*T1

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

ZF2840*B*T1*n 两端接头 On both brackets
ZF2840*f*T1*n 固定端接头 Fixed bracket
ZF2840*m*T1*n 活动端接头 Moving bracket

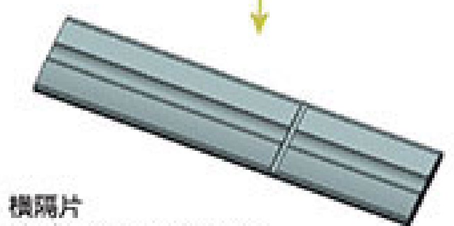
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZF28 拖链-隔离片
ZF28 Cable Chain-Separator

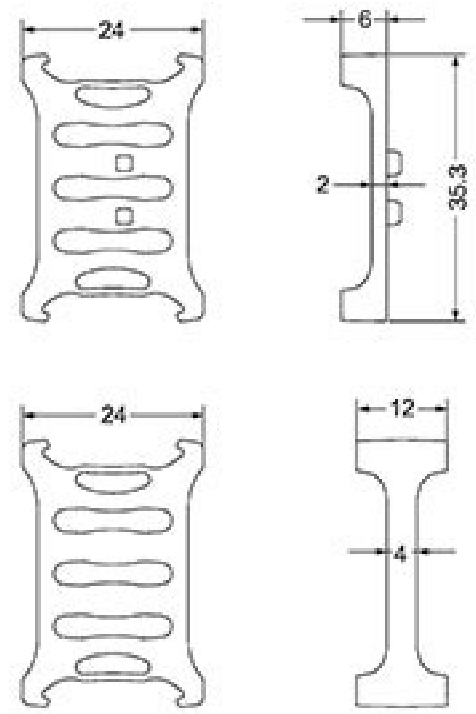


两侧竖隔片
Vertical separator on the two end

中间竖隔片
Vertical separator in the middle part



横隔片
Horizontal separator



ZF28拖链共用隔离片编码：14208
The separator No. for ZF28 are same one: 14208

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片和横隔片的数量可以根据客户的实际需求进行配置，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
- 竖隔片可以根据线缆的排布进行滑动

- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical and horizontal separators can be placed into each link or different quantity links, it can be customized
- Vertical separators can be moved for different cables

ZF28 拖链-梳状板
ZF28 Cable Chain-Tie-wrap plate

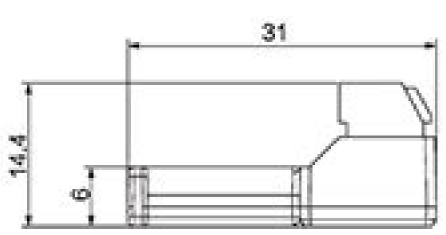
梳状板为独立部件，可根据需要进行选配
Tie-wrap plate are independent parts, you can order or not referring to your demand

选配代码结构
Part Number Structure

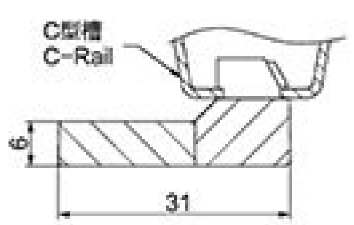
ZF2840+C型槽+梳状片
ZF2840+C-Rail+Tie-wrap plate

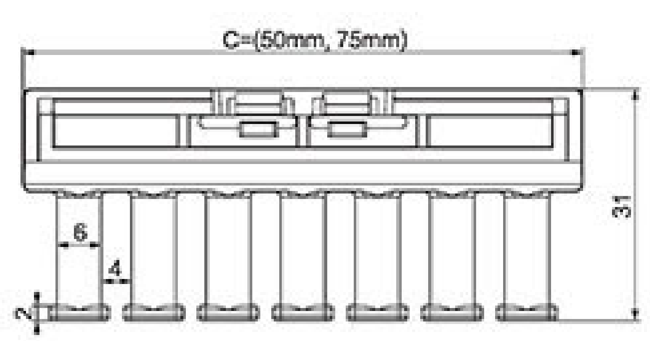
内宽 (Inner Width)
型号 (Type)

单个梳状板
Single tie-wrap plate



组装图
Shown assembled



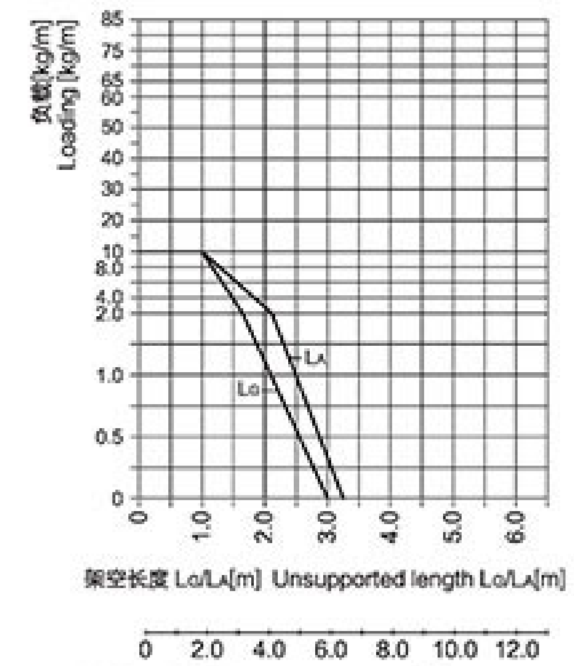


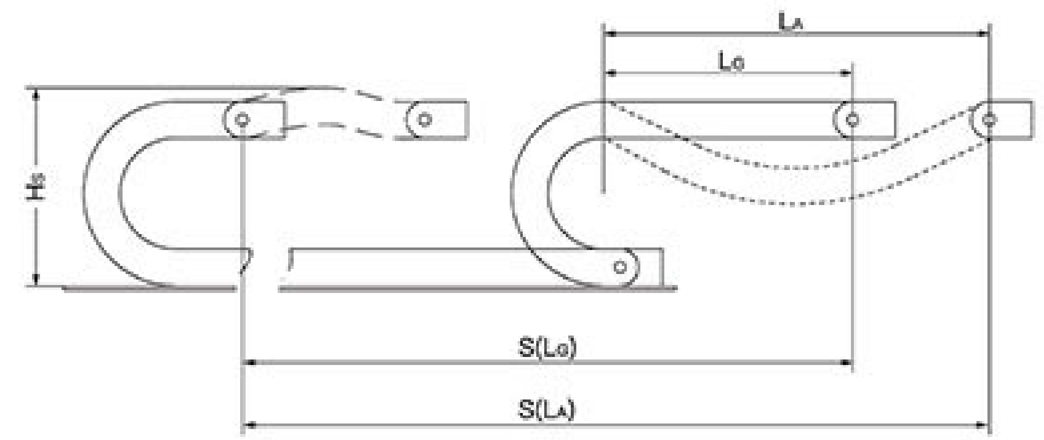
ZQ28 拖链-安装尺寸及技术参数
ZQ28 Cable Chain-Installation Dimensions and Technical Parameters

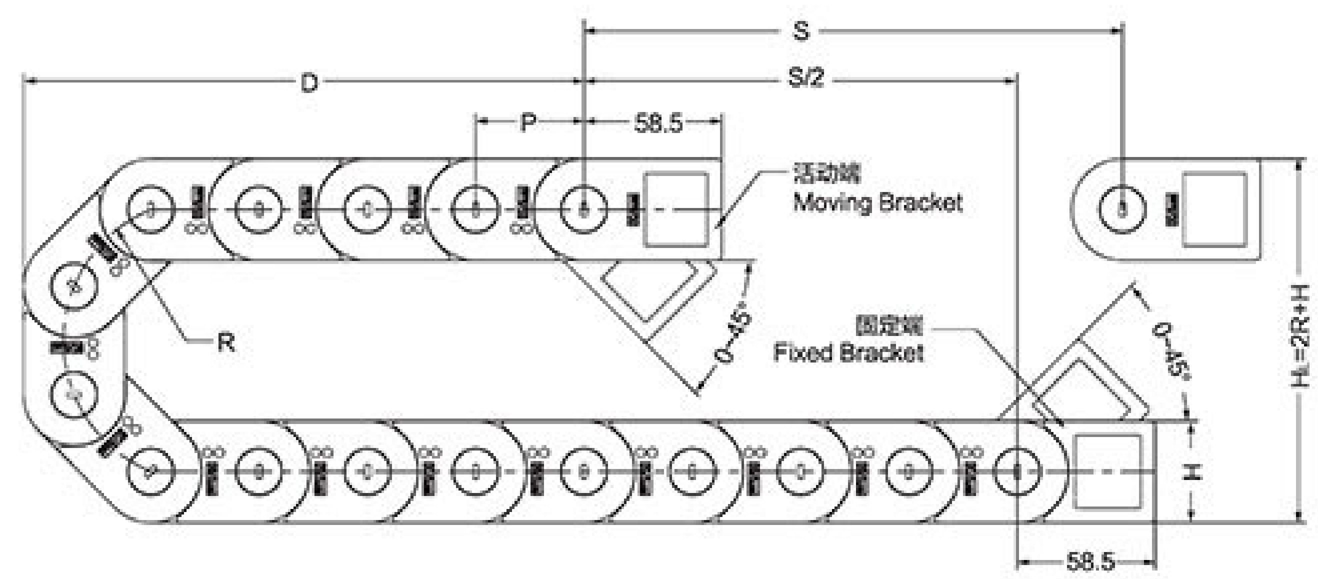
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =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
H_L =Nominal clearance height
H_S =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	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
55 (2.17)	153 (6.02)	120 (4.72)	265 (10.43)	46 (1.81)
63 (2.48)	169 (6.65)	136 (5.35)	290 (11.42)	46 (1.81)
75 (2.95)	193 (7.60)	160 (6.30)	330 (12.99)	46 (1.81)
100 (3.94)	243 (9.57)	210 (8.27)	405 (15.94)	46 (1.81)
125 (4.92)	293 (11.54)	260 (10.24)	485 (19.09)	46 (1.81)
150 (5.91)	343 (13.50)	310 (12.20)	565 (22.24)	46 (1.81)
175 (6.89)	393 (15.47)	360 (14.17)	640 (25.20)	46 (1.81)
200 (7.87)	443 (17.44)	410 (16.14)	720 (28.35)	46 (1.81)
250 (9.84)	543 (21.38)	510 (20.08)	880 (34.65)	46 (1.81)

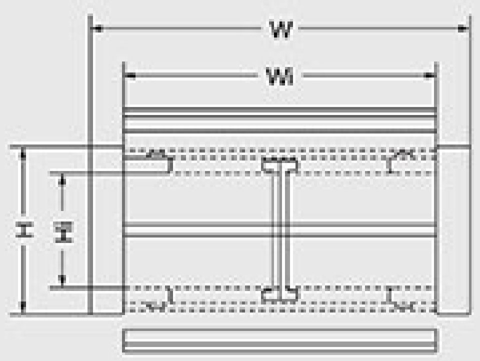
实际安装高度: $H_S=H_L+40mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=22（1012mm）

The required clearance height: $H_S=H_L+1.57in.$
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_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZQ28 拖链–产品规格范围
ZQ28 Cable Chain–Product specifications

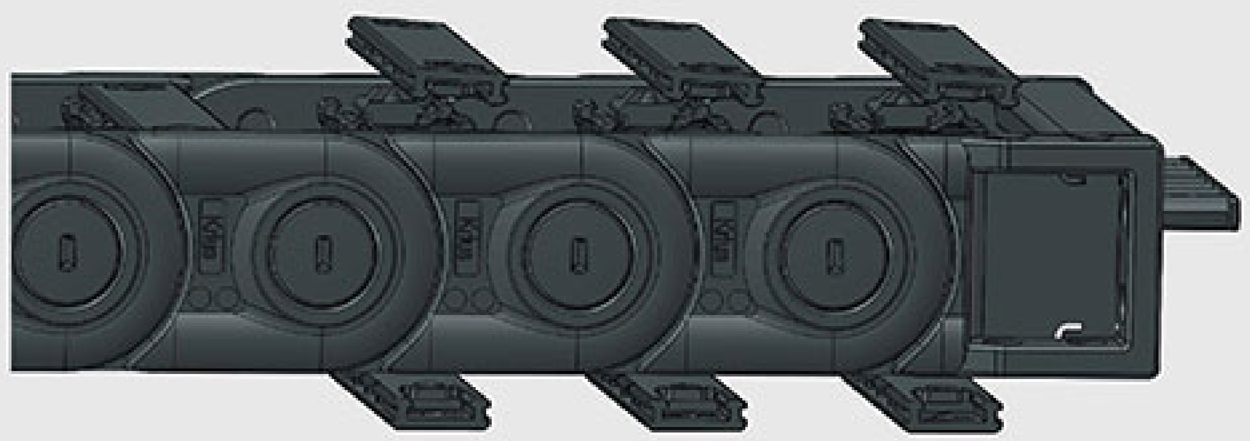
ZQ28拖链–内外侧可开 ZQ28 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZQ2840*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 (ibs/ft)	
ZQ2840		28.2 (1.11)	41 (1.61)	43(1.69)	61 (2.40)	0.80 (0.54)	
ZQ2850			51 (2.01)		71 (2.80)	1.10 (0.75)	
ZQ2862			63 (2.48)		83 (3.27)	1.26 (0.86)	
ZQ2870			71 (2.80)		91 (3.58)	1.35 (0.92)	
ZQ2875			76 (2.99)		96 (3.78)	1.43 (0.97)	
ZQ2887			88 (3.46)		108 (4.25)	1.54 (1.05)	
ZQ28100			101 (3.98)		121 (4.76)	1.61 (1.09)	
ZQ28125			126 (4.96)		146 (5.75)	1.73 (1.18)	

订货范例 Order details **ZQ2840 * R125 * 1000mm * 2**

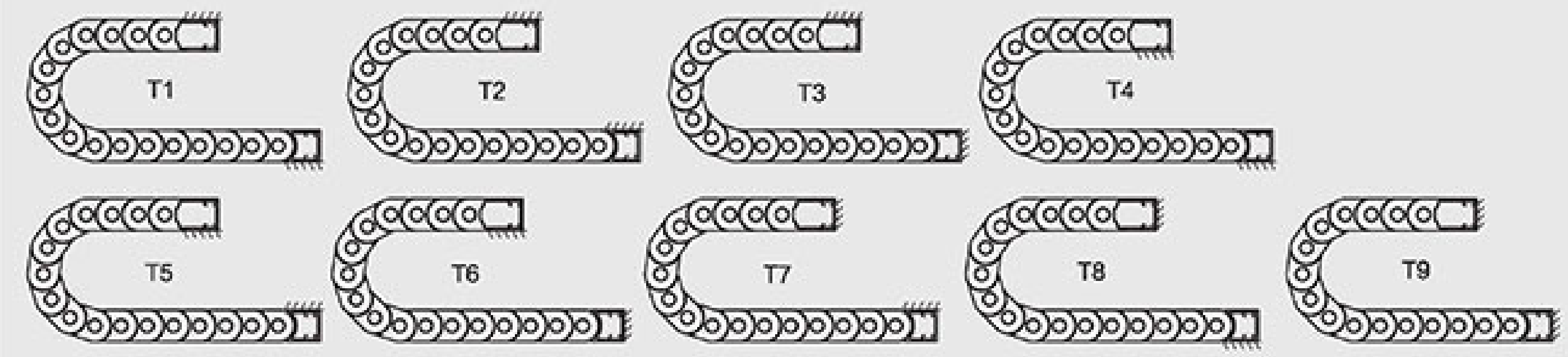
R	H₁	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
55 (2.17)	153 (6.02)	120 (4.72)	265 (10.43)	46 (1.81)
63 (2.48)	169 (6.65)	136 (5.35)	290 (11.42)	46 (1.81)
75 (2.95)	193 (7.60)	160 (6.30)	330 (12.99)	46 (1.81)
100 (3.94)	243 (9.57)	210 (8.27)	405 (15.94)	46 (1.81)
125 (4.92)	293 (11.54)	260 (10.24)	485 (19.09)	46 (1.81)
150 (5.91)	343 (13.50)	310 (12.20)	565 (22.24)	46 (1.81)
175 (6.89)	393 (15.47)	360 (14.17)	640 (25.20)	46 (1.81)
200 (7.87)	443 (17.44)	410 (16.14)	720 (28.35)	46 (1.81)
250 (9.84)	543 (21.38)	510 (20.08)	880 (34.65)	46 (1.81)

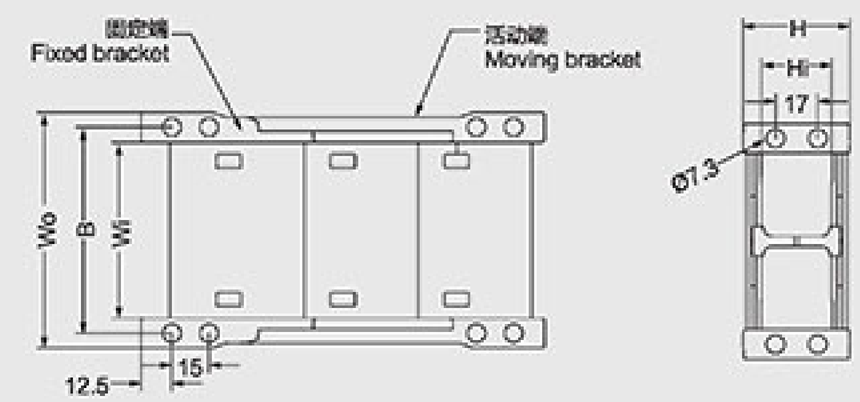
ZQ28 拖链–拖链接头
ZQ28 Cable Chain–Mounting Bracket

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

- 各个侧面均有安装孔 • Mounting brackets with attachment points on each side
- 双侧独立式带梳状片接头 • Separate mounting bracket with tie warp plate on both side
- 两端接头均可活动 • Moved connectors on both sides
- 耐腐蚀&耐摩擦 • Anti–corrosion, Rub–resistance
- 可提供预装配形式 • Available preassembly form
- 可实现内外连接 • Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





ZQ2840/ZQ2850
ZQ2862/ZQ2870
ZQ2875/ZQ2887
ZQ28100/ZQ28125

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZQ2840	14210			65 (2.56)	53 (2.09)
ZQ2850	14211	接头 Mounting Bracket 14204 14205	锁扣 Fixed Button 14206	75 (2.95)	63 (2.48)
ZQ2862	14212			87 (3.43)	75 (2.95)
ZQ2870	14213	主体 Main Body 14203	耐磨片 Anti–friction part 14228	95 (3.74)	83 (3.27)
ZQ2875	14214			100 (3.94)	88 (3.46)
ZQ2887	14215	隔离片 Separator 14208	梳状片 Tie–wrap plate 14227	112 (4.41)	100 (3.94)
ZQ28100	14216	弹片 Anti–noise part 14207		125 (4.92)	113 (4.45)
ZQ28125	14217			150 (5.91)	138 (5.43)

产品代码结构 Part Number Structure

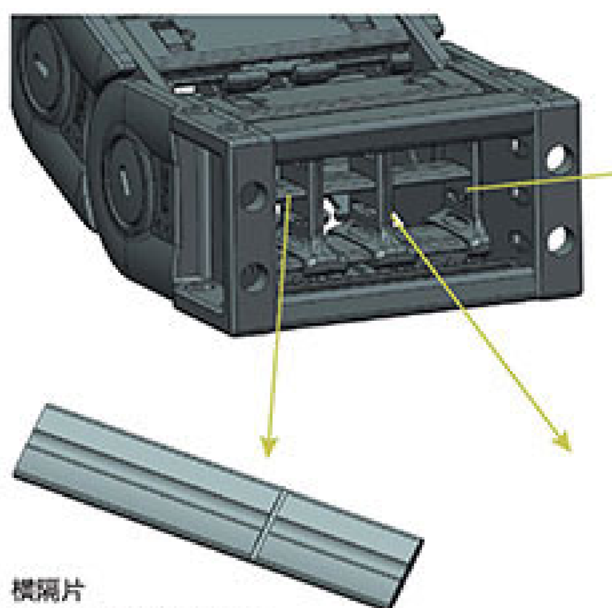
ZQ2840*B*T1

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

ZQ2840*B*T1*n	两端接头 On both brackets
ZQ2840*f*T1*n	固定端接头 Fixed bracket
ZQ2840*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.

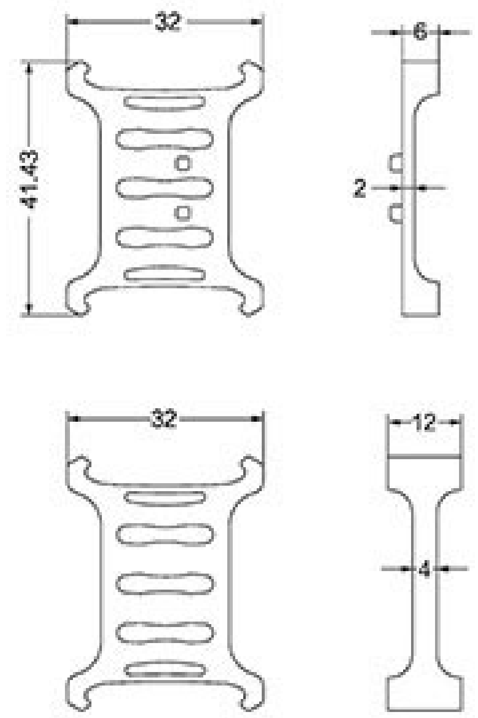
ZQ28 拖链-隔离片
ZQ28 Cable Chain-Separator



横隔片
Horizontal separator

两侧竖隔片
Vertical separator on the two end

中间竖隔片
Vertical separator in the middle part



ZQ28拖链隔离片编码：14208
The separator No. for ZQ28: 14208

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片和横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
- 竖隔片可以根据线缆的排布进行滑动

- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical and horizontal separators can be placed into each link or different quantity links, it can be customized
- Vertical separator can be moved for different cables

ZQ28 拖链-梳状板
ZQ28 Cable Chain-Tie-wrap plate

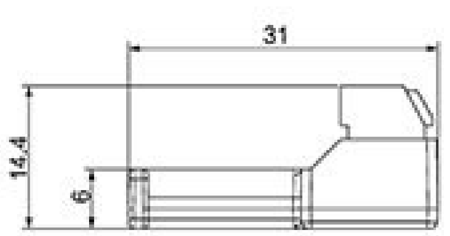
梳状板为独立部件，可根据需要进行选配
Tie-wrap plate are independent parts, you can order or not referring to your demand

选配代码结构
Part Number Structure

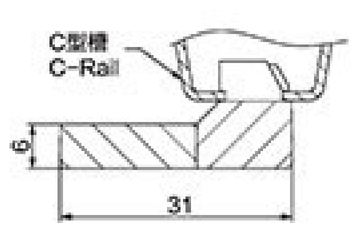
ZQ2840+C型槽+梳状片
ZQ2840+C-Rail+Tie-wrap plate

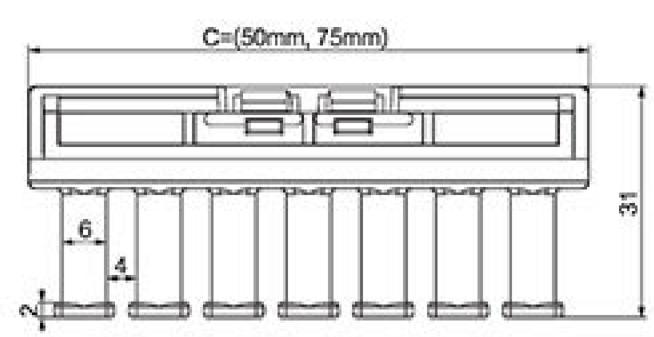
内宽 (Inner Width)
型号 (Type)

单个梳状板
Single tie-wrap plate



组装图
Shown assembled



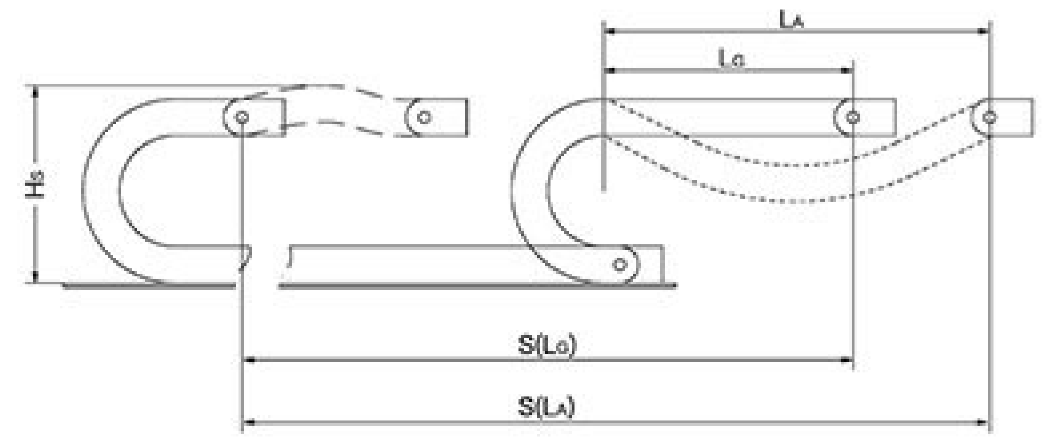


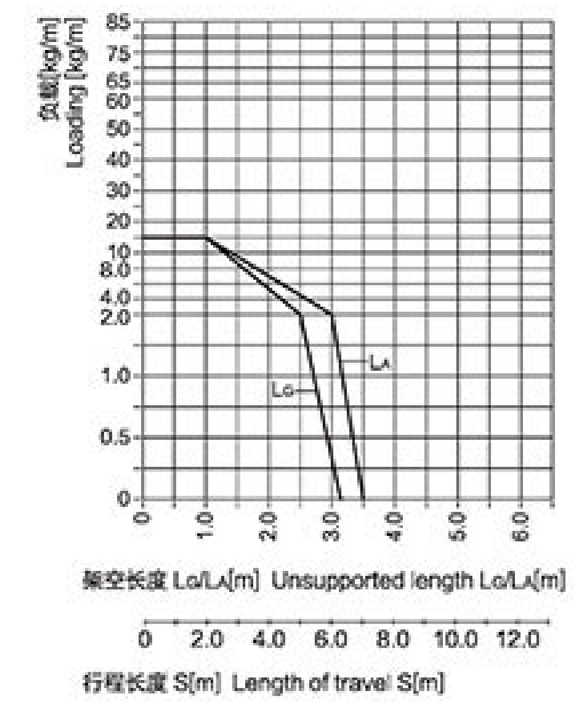
ZQ32 拖链-安装尺寸及技术参数
ZQ32 Cable Chain-Installation Dimensions and Technical Parameters

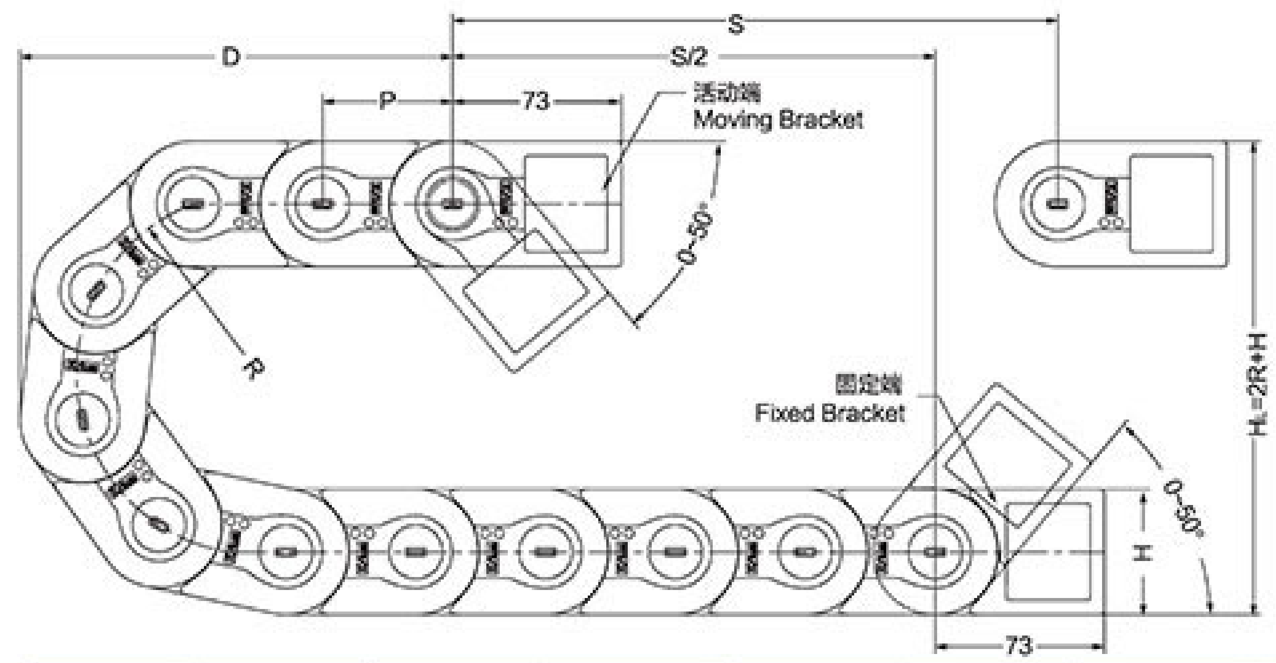
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
50 (1.97)	154 (6.06)	110 (4.33)	270 (10.63)	56 (2.20)
75 (2.95)	204 (8.03)	160 (6.30)	350 (13.78)	56 (2.20)
100 (3.94)	254 (10.00)	210 (8.27)	425 (16.73)	56 (2.20)
125 (4.92)	304 (11.97)	260 (10.24)	505 (19.88)	56 (2.20)
150 (5.91)	354 (13.93)	310 (12.20)	585 (23.03)	56 (2.20)
175 (6.89)	404 (15.91)	360 (14.17)	660 (25.98)	56 (2.20)
200 (7.87)	454 (17.87)	410 (16.14)	740 (29.13)	56 (2.20)
220 (8.66)	494 (19.45)	450 (17.72)	800 (31.50)	56 (2.20)
250 (9.84)	554 (21.81)	510 (20.08)	900 (35.43)	56 (2.20)
300 (11.81)	654 (23.03)	610 (24.02)	1055 (41.54)	56 (2.20)

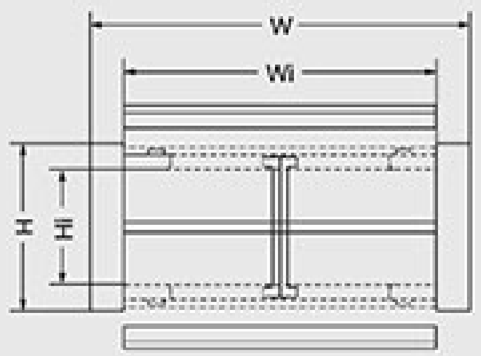
实际安装高度: $H_S=H_L+55mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=18（1008mm）

The required clearance height: $H_S=H_L+2.17in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=18（39.69 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZQ32 拖链–产品规格范围
ZQ32 Cable Chain–Product specifications

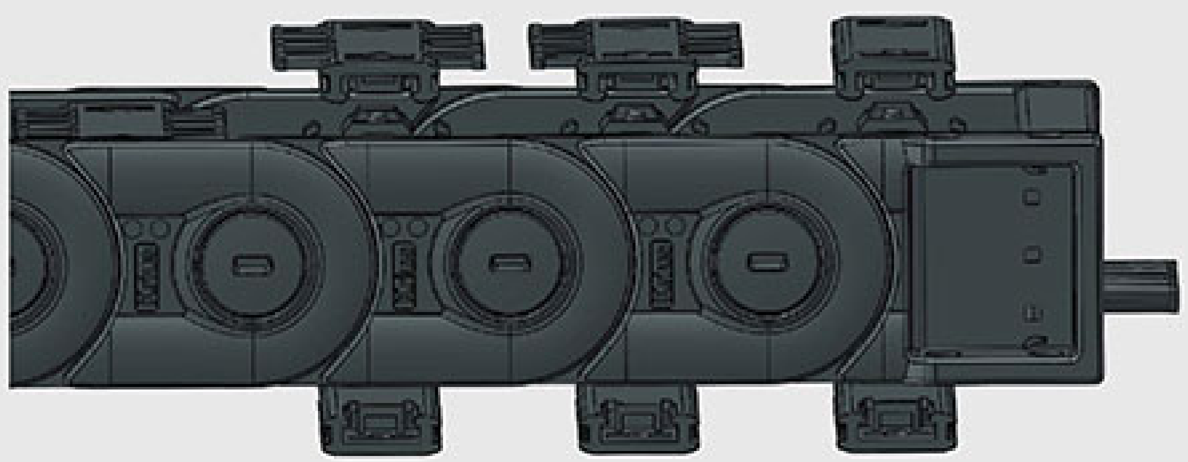
ZQ32拖链–内外侧可开 ZQ32 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZQ3250*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)	
ZQ3250		32 (1.26)	50 (1.97)	54 (2.12)	72 (2.83)	1.35 (0.98)	
ZQ3268			68 (2.68)		90 (3.54)	1.46 (0.99)	
ZQ3275			75 (2.95)		97 (3.82)	1.53 (1.04)	
ZQ32100			100 (3.94)		122 (4.80)	1.76 (1.20)	
ZQ32125			125 (4.92)		147 (5.79)	2.03 (1.38)	
ZQ32150			150 (5.91)		172 (6.77)	2.32 (1.58)	
ZQ32175			175 (6.89)		197 (7.76)	2.65 (1.80)	

订货范例 Order details **ZQ3250 * R75 * 1000mm * 2**

R	Hı	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
50 (1.97)	154 (6.06)	110 (4.33)	270 (10.63)	56 (2.20)
75 (2.95)	204 (8.03)	160 (6.30)	350 (13.78)	56 (2.20)
100 (3.94)	254 (10.00)	210 (8.27)	425 (16.73)	56 (2.20)
125 (4.92)	304 (11.97)	260 (10.24)	505 (19.88)	56 (2.20)
150 (5.91)	354 (13.93)	310 (12.20)	585 (23.03)	56 (2.20)
175 (6.89)	404 (15.91)	360 (14.17)	660 (25.98)	56 (2.20)
200 (7.87)	454 (17.87)	410 (16.14)	740 (29.13)	56 (2.20)
220 (8.66)	494 (19.45)	450 (17.72)	800 (31.50)	56 (2.20)
250 (9.84)	554 (21.81)	510 (20.08)	900 (35.43)	56 (2.20)
300 (11.81)	654 (23.03)	610 (24.02)	1055 (41.54)	56 (2.20)

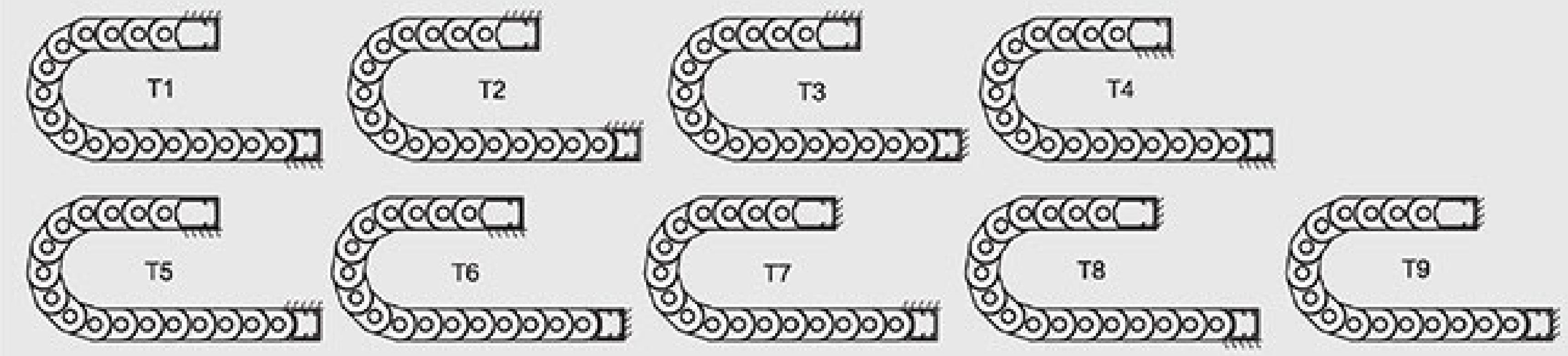
ZQ32 拖链–拖链接头
ZQ32 Cable Chain–Mounting Bracket

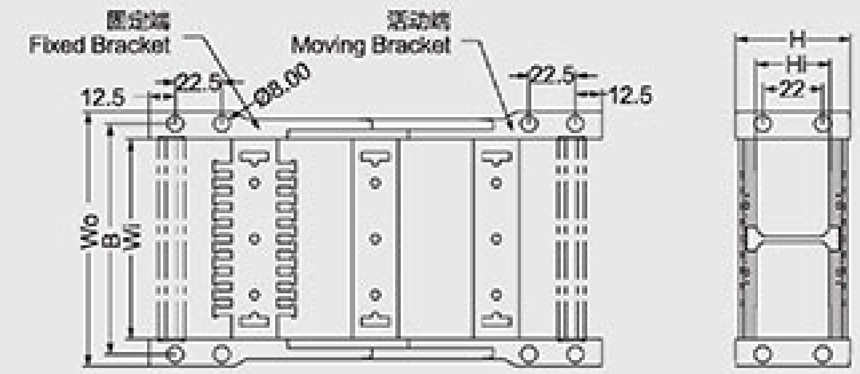
塑料接头或钢制接头 Plastic or Steel Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式带梳状片接头
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket with tie warp plate on both side
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZQ3250/ZQ3268
ZQ3275/ZQ32100
ZQ32125/ZQ32150

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZQ3250	14257	接头 Mounting Bracket 14252 14253; 主体 Main Body 14251; 隔离片 Separator 14256; 弹片 Anti-noise part 14255; 锁扣 Fixed Button 14254	77 (3.03)	64 (2.52)
ZQ3268	15022		95 (3.74)	82 (3.23)
ZQ3275	14258		102 (4.01)	89 (3.50)
ZQ32100	14259		127 (5.00)	114 (4.49)
ZQ32125	14260		152 (5.98)	139 (5.47)
ZQ32150	14261		177 (6.97)	164 (6.46)
ZQ32175	16001		202 (7.95)	189 (7.44)

产品代码结构 Part Number Structure

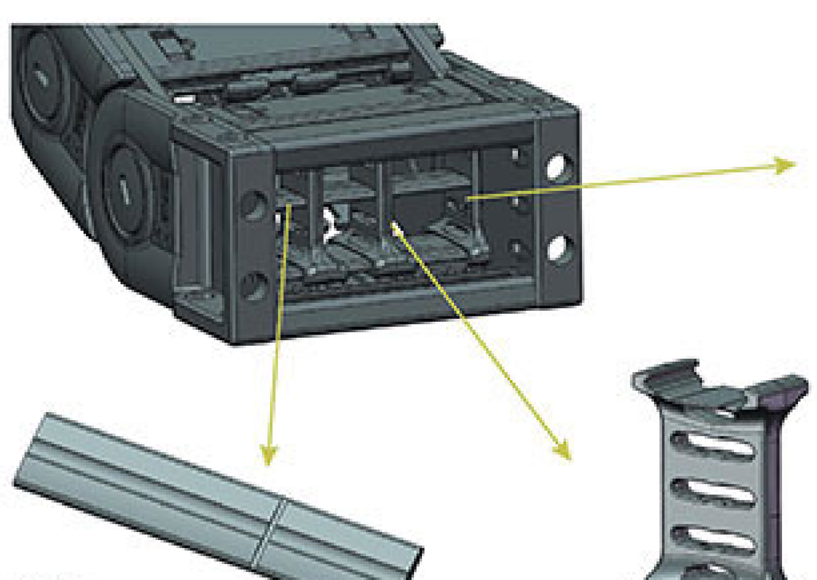
ZQ3250*B*T1

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

ZQ3250*B*T1*n	两端接头 On both brackets
ZQ3250*f*T1*n	固定端接头 Fixed bracket
ZQ3250*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.

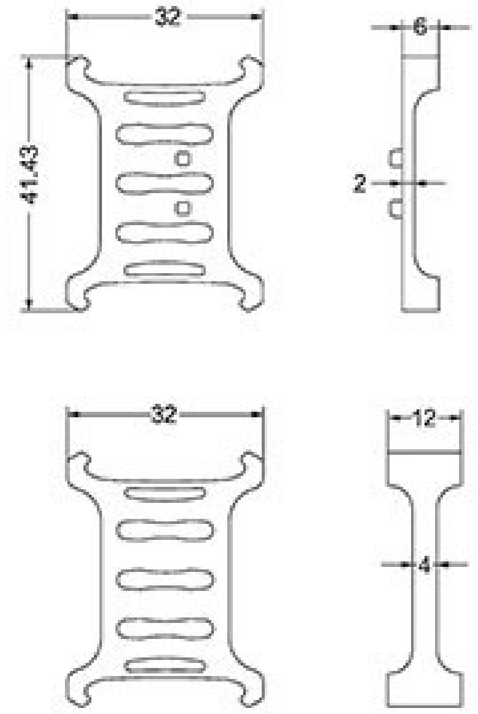
ZQ32 拖链-隔离片
ZQ32 Cable Chain-Separator



横隔片
Horizontal separator

两侧竖隔片
Vertical separator on the two end

中间竖隔片
Vertical separator in the middle part



ZQ32拖链隔离片编码：14256
The separator No. for ZQ32: 14256

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片和横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
- 竖隔片可以根据线缆的排布进行滑动

- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical and horizontal separators can be placed into each link or different quantity links, it can be customized
- Vertical separator can be moved for different cables

ZQ32拖链-梳状板
ZQ32 Cable Chain-Tie-wrap plate

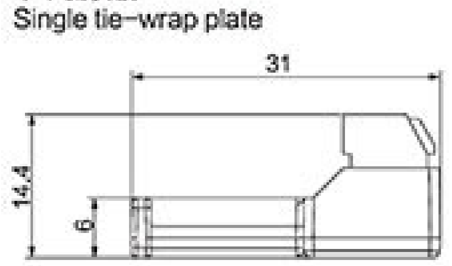
梳状板为独立部件，可根据需要进行选配
Tie-wrap plate are independent parts, you can order or not referring to your demand

选配代码结构
Part Number Structure

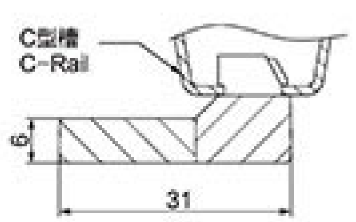
ZQ3250+C型槽+梳状片
ZQ3250+C-Rail+Tie-wrap plate

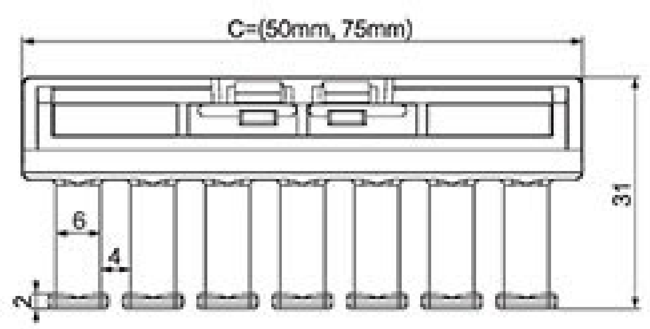
内宽 (Inner Width)
型号 (Type)

单个梳状板
Single tie-wrap plate



组装图
Shown assembled



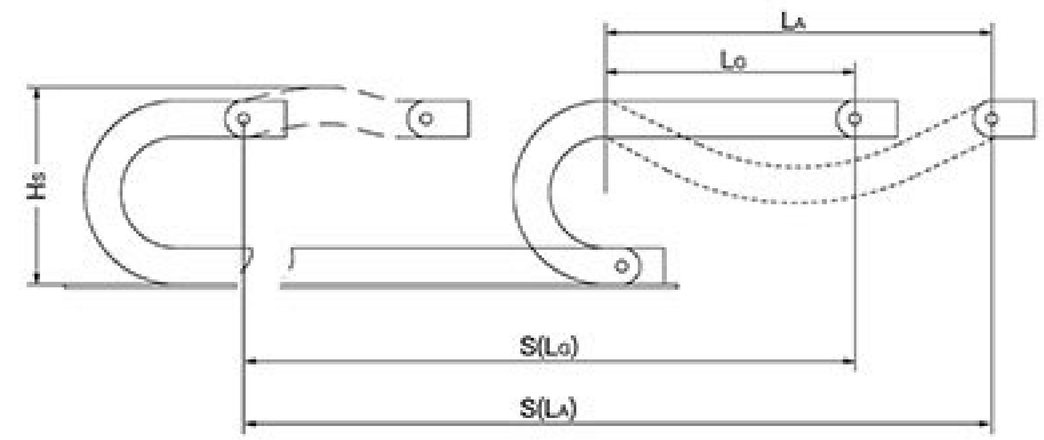


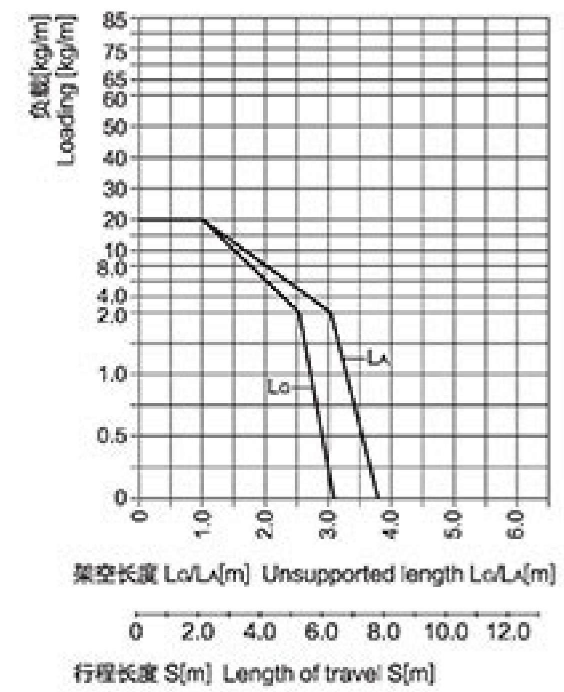
ZF35 拖链-安装尺寸及技术参数
ZF35 Cable Chain-Installation Dimensions and Technical Parameters

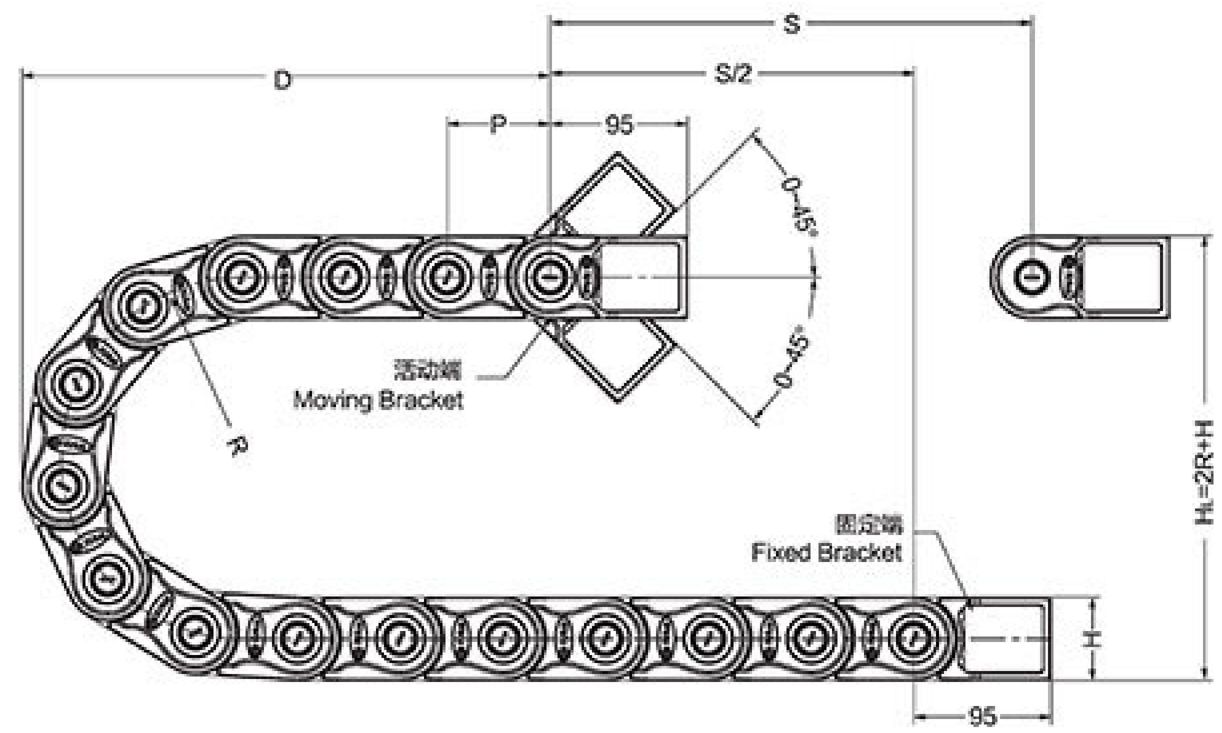
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	358 (14.09)	310 (12.20)	615 (24.21)	71 (2.80)
175 (6.89)	408 (16.06)	360 (14.17)	690 (27.17)	71 (2.80)
200 (7.87)	458 (18.03)	410 (16.14)	770 (30.31)	71 (2.80)
250 (9.84)	558 (21.97)	510 (20.08)	925 (36.42)	71 (2.80)
300 (11.81)	658 (25.91)	610 (24.02)	1085 (42.72)	71 (2.80)

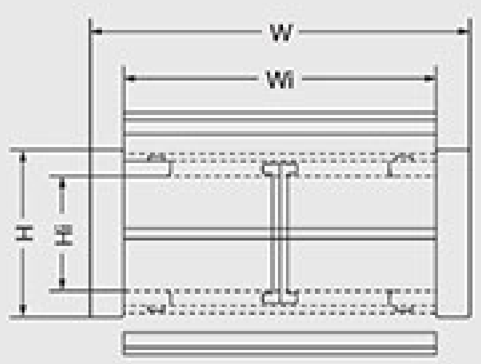
实际安装高度: $H_S=H_L+50mm$
拖链长度: $L=S/2+K$（固定端在中间）
每米链节数: N=14（994mm）

The required clearance height: $H_S=H_L+1.97in.$
Chain length: $L=S/2+K$ (Fixed end in the middle)
Links per meter: N=14 (39.13 in.)

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZF35 拖链-产品规格范围
ZF35 Cable Chain-Product specifications

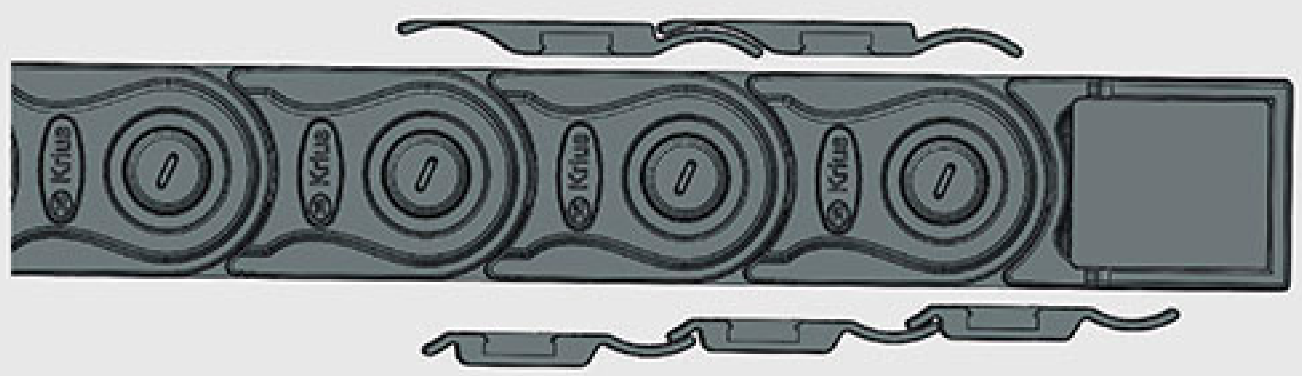
ZF35拖链-不可打开 ZF35 Cable Chain-cannot be opened



产品代码结构
Part Number Structure

ZF3550*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)

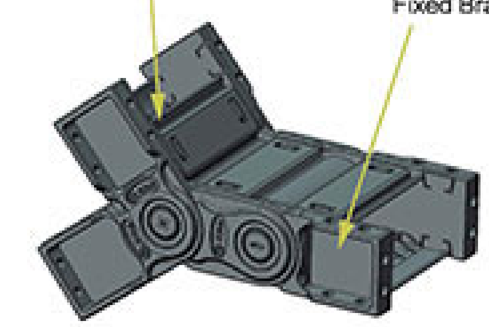


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
ZF3550		35 (1.38)	51 (2.01)	58 (2.28)	77 (3.03)	2.17 (1.48)	
ZF3575			76 (2.99)		102 (4.02)	2.45 (1.67)	
ZF35100			101 (3.98)		127 (5.00)	2.70 (1.84)	

订货范例 Order details **ZF3550 * R100 * 1000mm * 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	358 (14.09)	310 (12.20)	615 (24.21)	71 (2.80)
175 (6.89)	408 (16.06)	360 (14.17)	690 (27.17)	71 (2.80)
200 (7.87)	458 (18.03)	410 (16.14)	770 (30.31)	71 (2.80)
250 (9.84)	558 (21.97)	510 (20.08)	925 (36.42)	71 (2.80)
300 (11.81)	658 (25.91)	610 (24.02)	1085 (42.72)	71 (2.80)

ZF35 拖链-拖链接头
ZF35 Cable Chain-Mounting Bracket

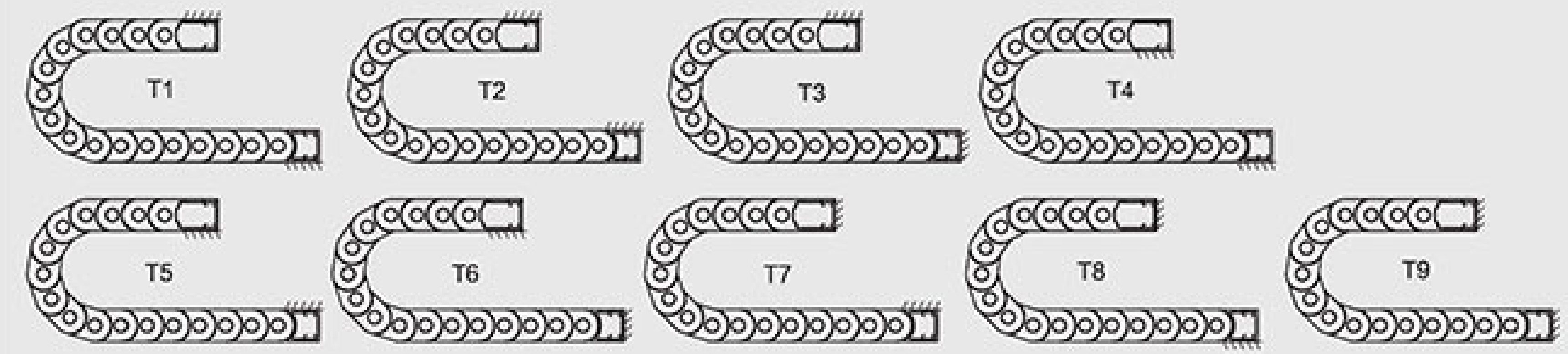


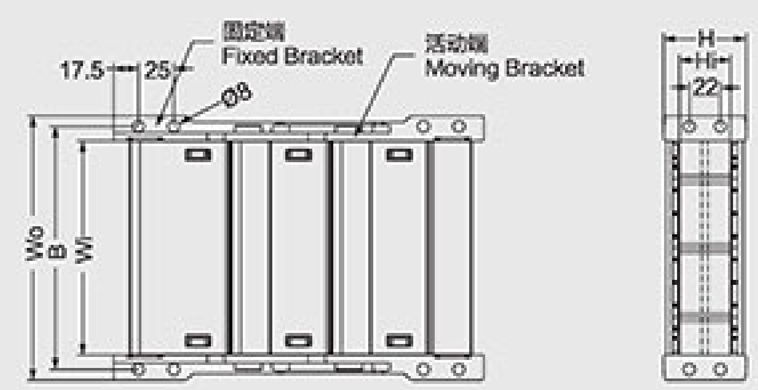
塑料接头或钢制接头 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 活动端接头可双向旋转
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moving Bracket can be rotated and traversed
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZF3550
ZF3575
ZF35100

拖链型号 Type	拖链编码 Code	其他编码 Other Code				Wo尺寸 Dimension Wo	B尺寸 Dimension B
						mm (in.)	mm (in.)
ZF3550	12110	接头 Mounting Bracket	12109	隔离片 Separator	12114	86 (3.39)	71 (2.80)
ZF3575	12111	主体 Main Body	12108			111 (4.37)	96 (3.78)
ZF35100	12112					136 (5.35)	121 (4.76)

产品代码结构 Part Number Structure

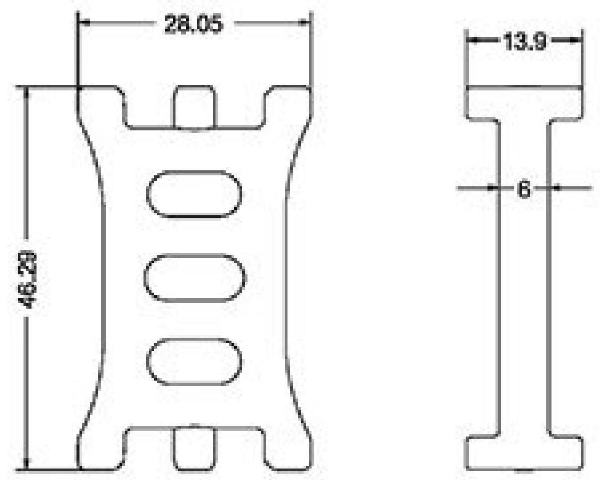
ZF3550*B*T1

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

ZF3550*B*T1*n	两端接头 On both brackets
ZF3550*f*T1*n	固定端接头 Fixed bracket
ZF3550*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.

ZF35 拖链-隔离片
ZF35 Cable Chain-Separator



ZF35拖链隔离片编码：12114
The separator No. for ZF35: 12114

- 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

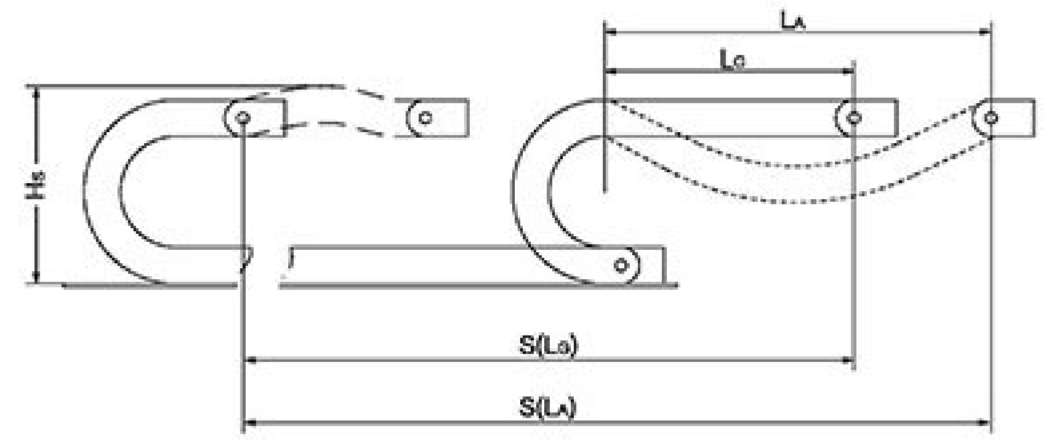
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

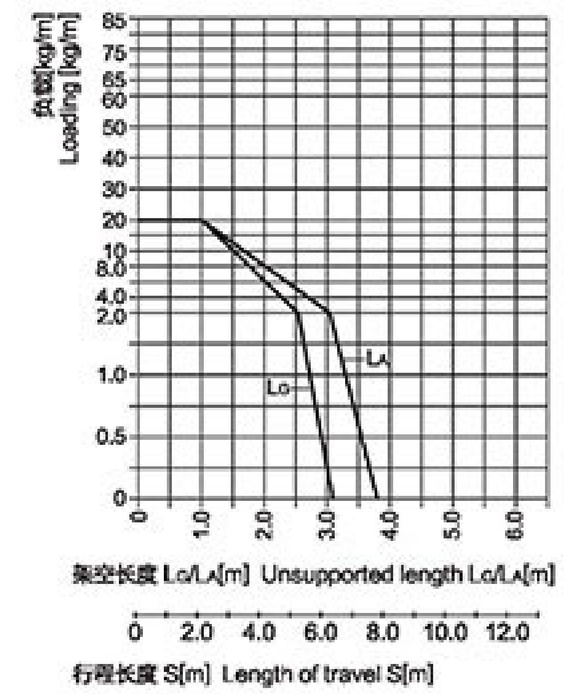
ZQ35 拖链-安装尺寸及技术参数
ZQ35 Cable Chain-Installation Dimensions and Technical Parameters

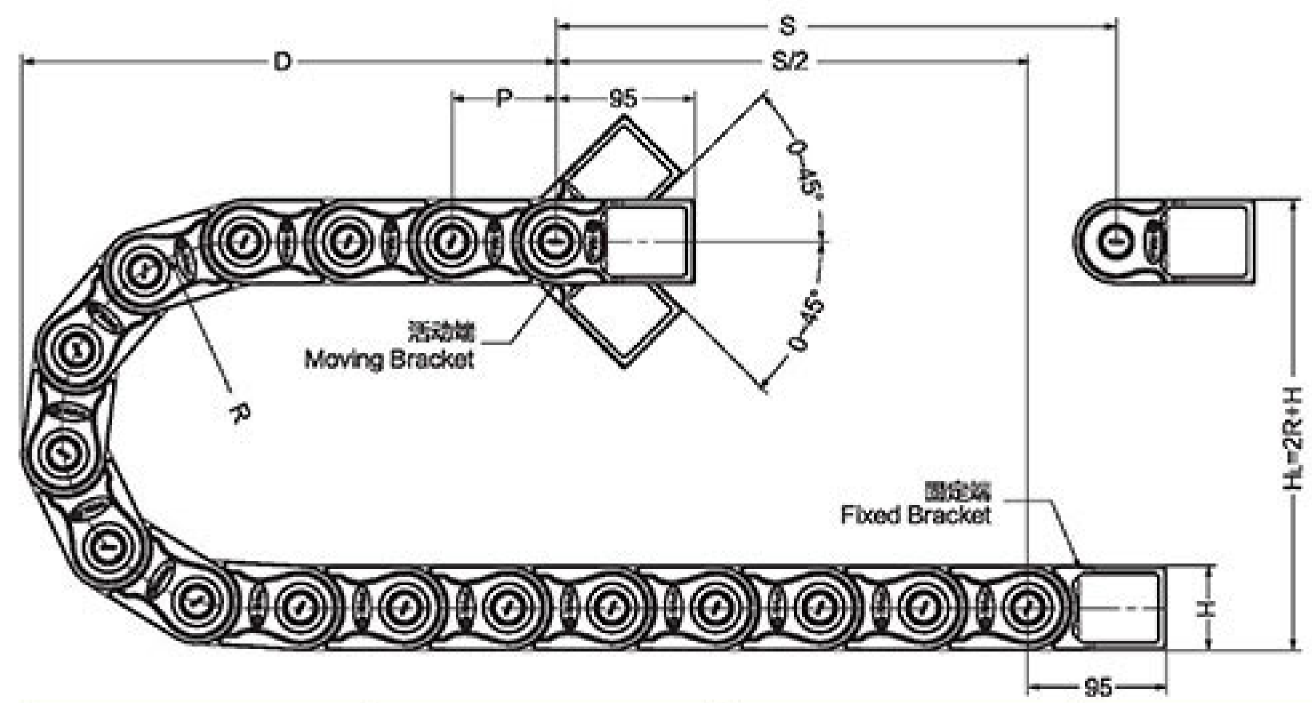
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	208 (8.19)	160 (6.30)	380 (14.96)	71 (2.80)
100 (3.94)	258 (10.16)	210 (8.27)	455 (17.91)	71 (2.80)
125 (4.92)	308 (12.13)	260 (10.24)	535 (21.06)	71 (2.80)
150 (5.91)	358 (14.09)	310 (12.20)	615 (24.21)	71 (2.80)
175 (6.89)	408 (16.06)	360 (14.17)	690 (27.17)	71 (2.80)
200 (7.87)	458 (18.03)	410 (16.14)	770 (30.31)	71 (2.80)
250 (9.84)	558 (21.97)	510 (20.08)	925 (36.42)	71 (2.80)
300 (11.81)	658 (25.91)	610 (24.02)	1085 (42.72)	71 (2.80)

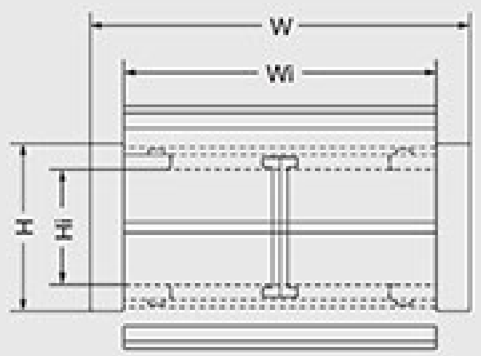
实际安装高度: $H_S=H_L+50mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=14（994mm）

The required clearance height: $H_S=H_L+1.97in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=14（39.13 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZQ35 拖链–产品规格范围
ZQ35 Cable Chain–Product specifications

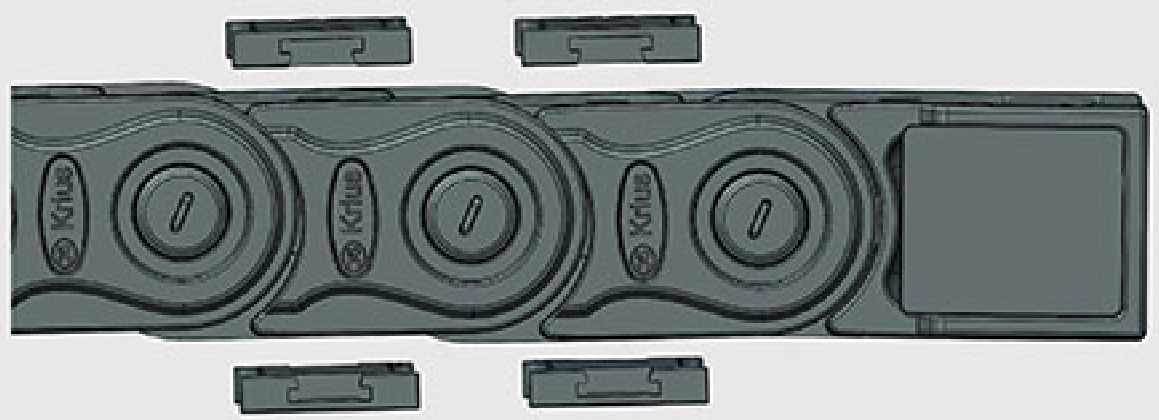
ZQ35拖链–内外侧可开 ZQ35 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZQ3575*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)

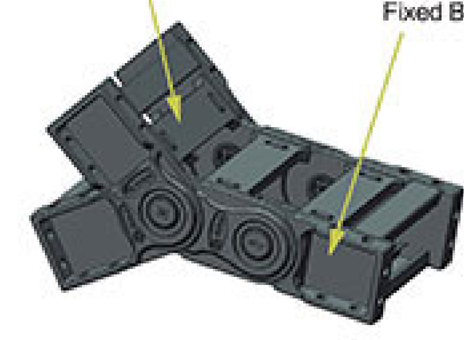


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
ZQ3575		35 (1.38)	76 (2.99)	58 (2.28)	102 (4.02)	2.04 (1.39)	
ZQ35100			101 (3.98)		127 (5.00)	2.18 (1.48)	
ZQ35125			126 (4.96)		152 (5.98)	2.33 (1.58)	
ZQ35150			151 (5.94)		177 (6.97)	2.49 (1.69)	
ZQ35200			201 (7.91)		227 (8.94)	2.77 (1.88)	
ZQ35250			251 (9.88)		277 (10.91)	3.05 (2.07)	
ZQ35300			301 (11.85)		327 (12.87)	3.33 (2.26)	
ZQ35350			351 (13.82)		377 (14.84)	3.64 (2.48)	
ZQ35400			401 (15.79)		427 (16.81)	3.92 (2.67)	

订货范例 Order details **ZQ3575 * R100 * 1000mm * 2**

R	Hₗ	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	208 (8.19)	160 (6.30)	380 (14.96)	71 (2.80)
100 (3.94)	258 (10.16)	210 (8.27)	455 (17.91)	71 (2.80)
125 (4.92)	308 (12.13)	260 (10.24)	535 (21.06)	71 (2.80)
150 (5.91)	358 (14.09)	310 (12.20)	615 (24.21)	71 (2.80)
175 (6.89)	408 (16.06)	360 (14.17)	690 (27.17)	71 (2.80)
200 (7.87)	458 (18.03)	410 (16.14)	770 (30.31)	71 (2.80)
250 (9.84)	558 (21.97)	510 (20.08)	925 (36.42)	71 (2.80)
300 (11.81)	658 (25.91)	610 (24.02)	1085 (42.72)	71 (2.80)

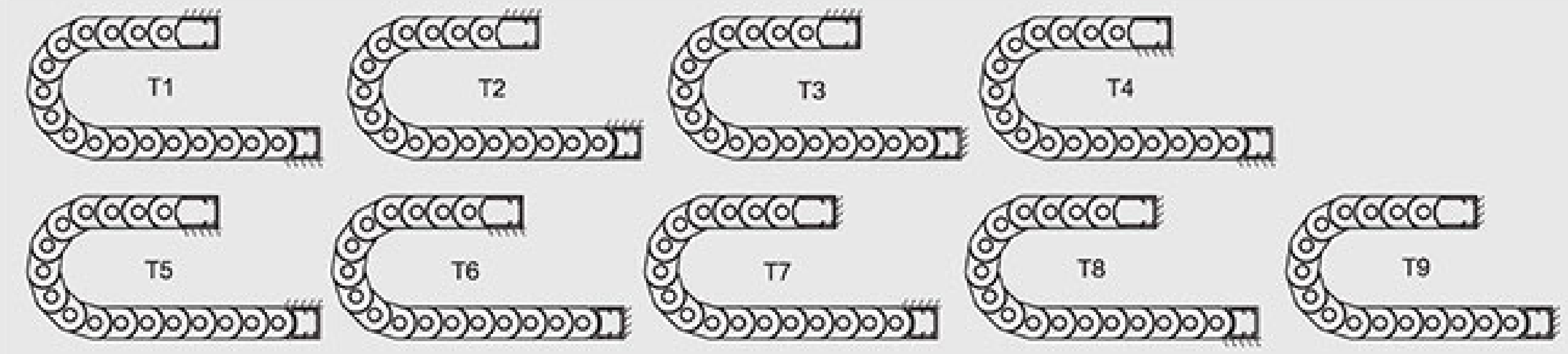
ZQ35 拖链–拖链接头
ZQ35 Cable Chain–Mounting Bracket

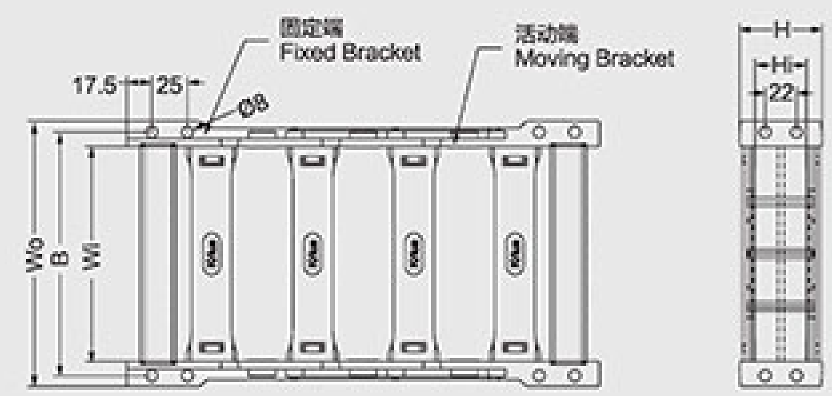


塑料接头或钢制接头,分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头 • Independent Plastic or Steel mounting bracket on the two end
- 活动端接头可双向旋转 • Moving Bracket can be rotated and traversed
- 耐腐蚀＆耐磨擦 • Anti–corrosion, Rub–resistance
- 可提供预装配形式 • Available preassembly form
- 可实现内外连接 • Can realize the internal and external connections

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





ZQ3575 / ZQ35100 / ZQ35125 / ZQ35150 / ZQ35200
ZQ35250 / ZQ35300 / ZQ35350 / ZQ35400

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZQ3575	11226	接头 Mounting Bracket	12109	111 (4.37)	96 (3.78)
ZQ35100	11227	主体 Main Body	12108	136 (5.35)	121 (4.76)
ZQ35125	14082	隔离片 Separator	12113	161 (6.34)	146 (5.75)
ZQ35150	11228			186 (7.32)	171 (6.73)
ZQ35200	11229			236 (9.29)	221 (8.70)
ZQ35250	11230			286 (11.26)	271 (10.67)
ZQ35300	11231			336 (13.23)	321 (12.64)
ZQ35350	11232			386 (15.20)	371 (14.61)
ZQ35400	11233			436 (17.17)	421 (16.57)

产品代码结构 Part Number Structure

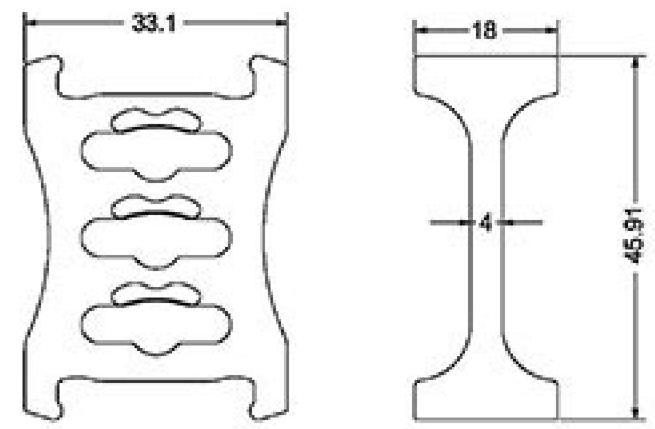
ZQ3575*B*T1

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

ZQ3575*B*T1*n 两端接头 On both brackets
ZQ3575*f*T1*n 固定端接头 Fixed Bracket
ZQ3575*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.

ZQ35 拖链-隔离片
ZQ35 Cable Chain-Separator



ZQ35拖链隔离片编码：12113
The separator No. for ZQ35: 12113

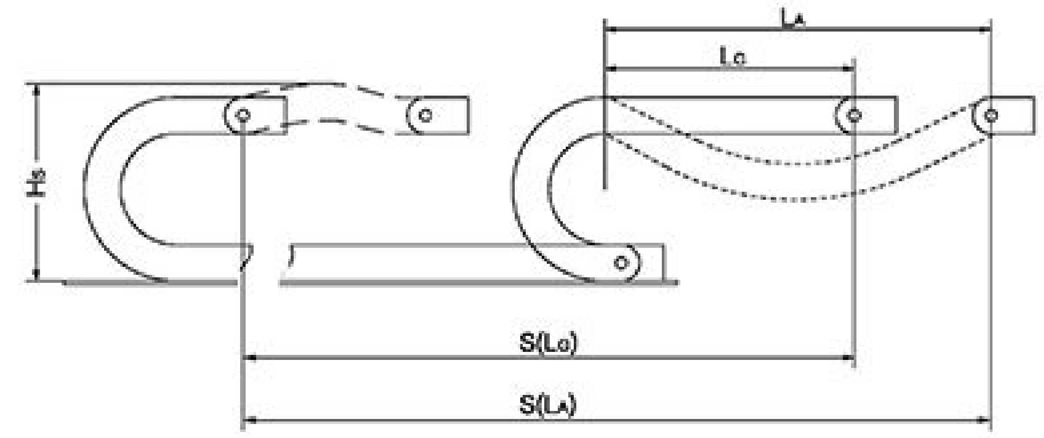
- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

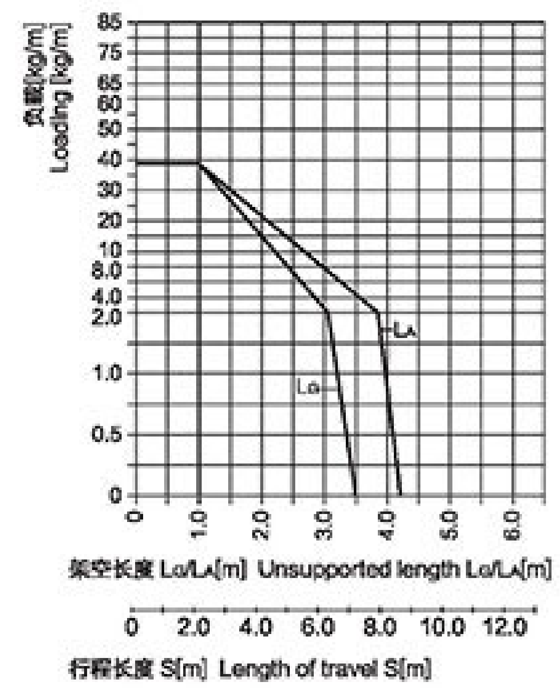
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Vertical separator can be moved for different cables

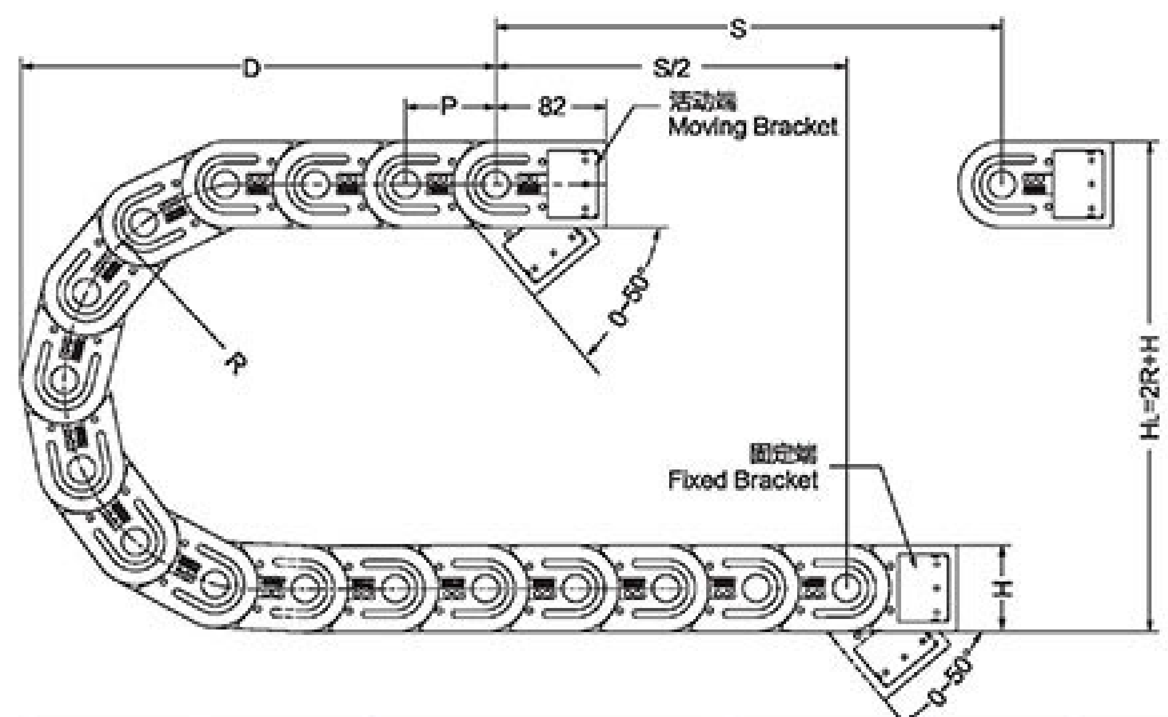
ZQ42 拖链-安装尺寸及技术参数
ZQ42 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π・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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π・R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	214 (8.43)	160 (6.30)	370 (14.57)	67 (2.64)
100 (3.94)	264 (10.39)	210 (8.27)	450 (17.72)	67 (2.64)
125 (4.92)	314 (12.36)	260 (10.24)	525 (20.67)	67 (2.64)
150 (5.91)	364 (14.33)	310 (12.20)	605 (23.82)	67 (2.64)
175 (6.89)	414 (16.30)	360 (14.17)	685 (26.97)	67 (2.64)
200 (7.87)	464 (18.27)	410 (16.14)	760 (29.92)	67 (2.64)
250 (9.84)	564 (22.20)	510 (20.08)	920 (36.22)	67 (2.64)
300 (11.81)	687 (26.14)	610 (24.02)	1075 (42.32)	67 (2.64)
350 (13.78)	764 (30.08)	710 (27.95)	1235 (48.62)	67 (2.64)

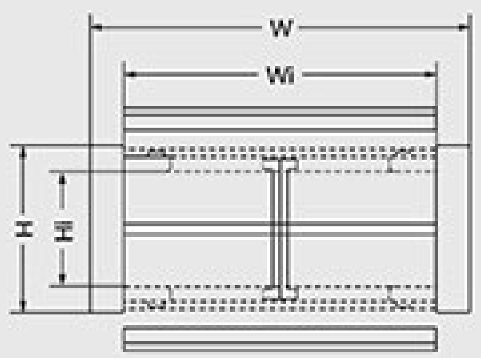
实际安装高度: $H_S=H_L+55mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=15（1005mm）

The required clearance height: $H_S=H_L+2.17in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=15（39.57in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class,Reinforce PA	UL94 V-2

ZQ42 拖链-产品规格范围
ZQ42 Cable Chain-Product specifications

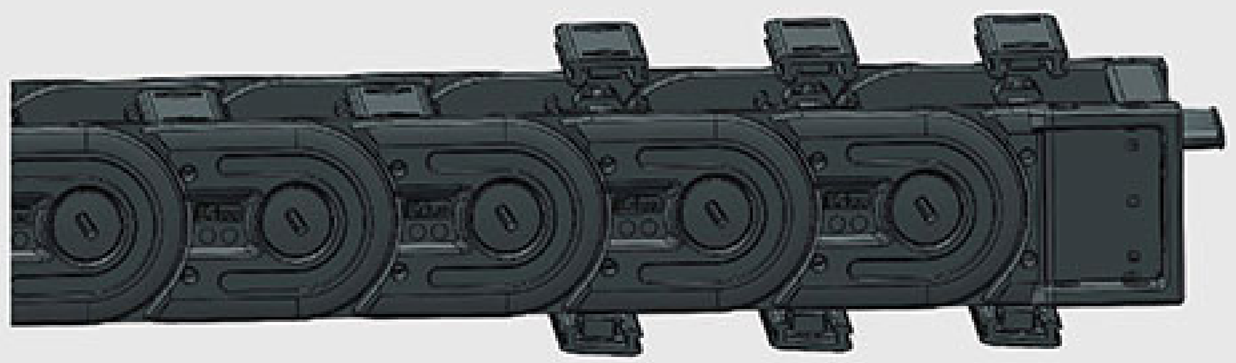
ZQ42拖链-内外侧可开 ZQ42 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

ZQ4250*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)

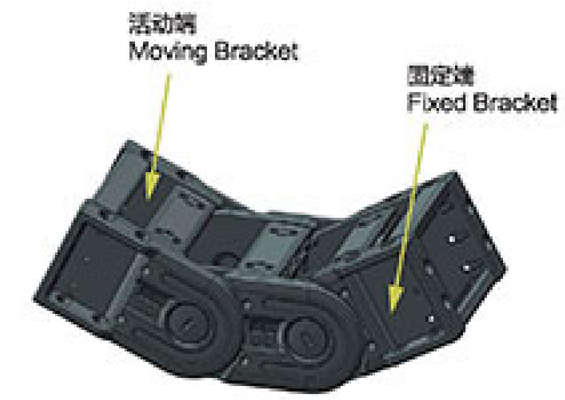


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
ZQ4250		42 (1.65)	50 (1.97)	64 (2.52)	76 (2.99)	2.50 (1.70)	
ZQ4268			68 (2.68)		94 (3.70)	2.58 (1.75)	
ZQ4275			75 (2.95)		101 (3.98)	2.63 (1.79)	
ZQ42100			100 (3.94)		126 (4.96)	3.04 (2.07)	
ZQ42125			125 (4.92)		151 (5.94)	3.14 (2.14)	
ZQ42150			150 (5.91)		176 (6.93)	3.34 (2.27)	
ZQ42175			175 (6.89)		201(7.91)	3.68 (2.50)	

订货范例 Order details **ZQ4250 * R75 * 1000mm * 2**

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	214 (8.43)	160 (6.30)	370 (14.57)	67 (2.64)
100 (3.94)	264 (10.39)	210 (8.27)	450 (17.72)	67 (2.64)
125 (4.92)	314 (12.36)	260 (10.24)	525 (20.67)	67 (2.64)
150 (5.91)	364 (14.33)	310 (12.20)	605 (23.82)	67 (2.64)
175 (6.89)	414 (16.30)	360 (14.17)	685 (26.97)	67 (2.64)
200 (7.87)	464 (18.27)	410 (16.14)	760 (29.92)	67 (2.64)
250 (9.84)	564 (22.20)	510 (20.08)	920 (36.22)	67 (2.64)
300 (11.81)	687 (26.14)	610 (24.02)	1075 (42.32)	67 (2.64)
350 (13.78)	764 (30.08)	710 (27.95)	1235 (48.62)	67 (2.64)

ZQ42 拖链-拖链接头
ZQ42 Cable Chain-Mounting Bracket

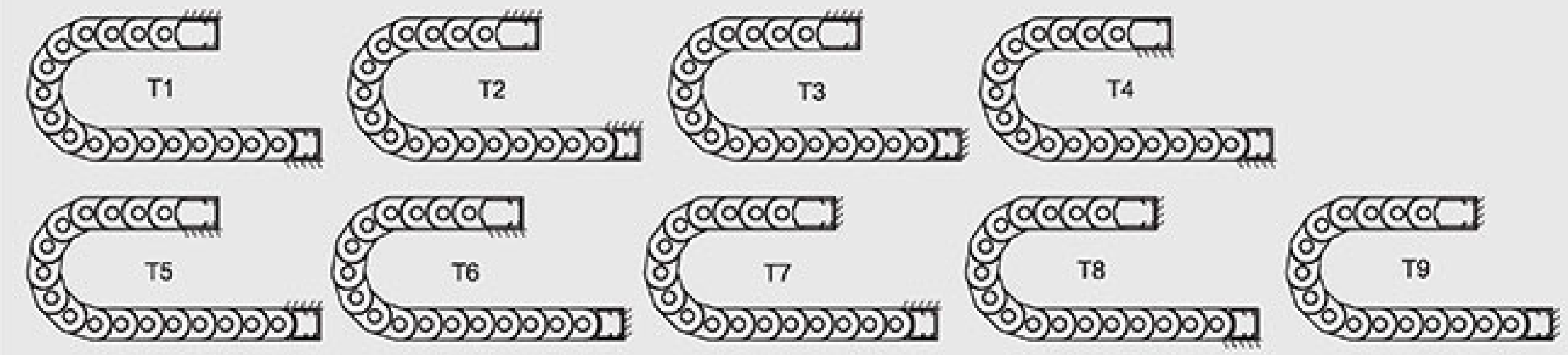


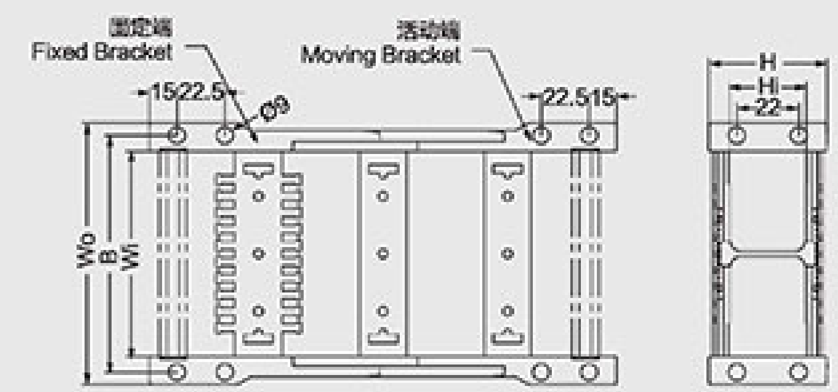
塑料接头或钢制接头 Plastic or Steel Mounting Bracket, Splited structure

- 各个侧面均有安装孔
- 双侧独立式带梳状片接头
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Mounting brackets with attachment points on each side
- Separate mounting bracket with tie warp plate on both side
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZQ4250/ZQ4268
ZQ4275/ZQ42100
ZQ42125/ZQ42150
ZQ42175

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZQ4250	14257	接头 Mounting Bracket 14263 14264; 主体 Main Body 14262; 隔离片 Separator 14265; 耐磨片 Anti-friction part 14266; 锁扣 Fixed Button 14254; 弹片 Anti-noise part 14255	82 (3.23)	66 (2.60)
ZQ4268	15022		100 (3.94)	84 (3.19)
ZQ4275	14258		107 (4.21)	91 (3.58)
ZQ42100	14259		132 (5.20)	116 (4.57)
ZQ42125	14260		157 (6.18)	141 (5.55)
ZQ42150	14261		182 (7.17)	166 (6.54)
ZQ42175	16001		207 (8.15)	191 (7.52)

产品代码结构 Part Number Structure

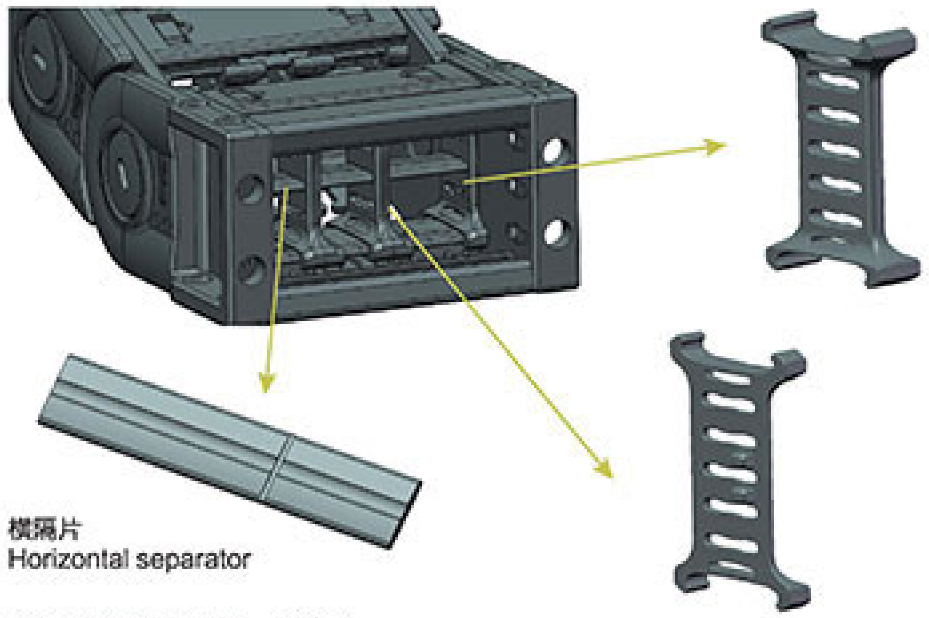
ZQ4250*B*T1

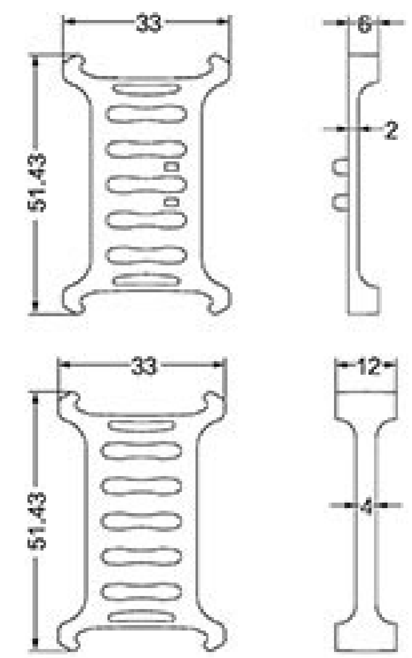
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

ZQ4250*B*T1*n 两端接头 On both brackets
ZQ4250*f*T1*n 固定端接头 Fixed bracket
ZQ4250*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.

ZQ42 拖链-隔离片
ZQ42 Cable Chain-Separator





ZQ42拖链隔离片编码：14265
The separator No. for ZQ42: 14265

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片和横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
- 竖隔片可以根据线缆的排布进行滑动

- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical and horizontal can be placed into each link or different quantity links, it can be customized
- Vertical separator can be moved for different cables

ZQ42 拖链-梳状板
ZQ42 Cable Chain-Tie-wrap plate

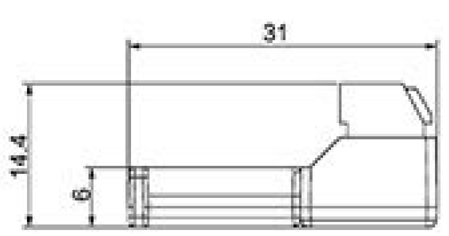
梳状板为独立部件，可根据需要进行选配
Tie-wrap plate are independent parts, you can order or not referring to your demand

选配代码结构
Part Number Structure

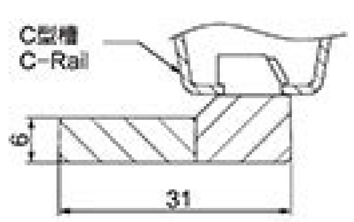
ZQ4250+C型槽+梳状片
ZQ4250+C-Rail+Tie-wrap plate

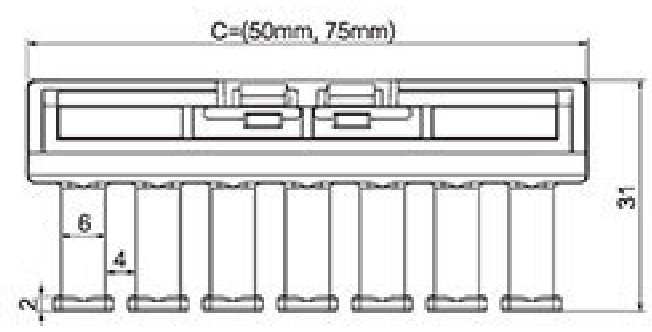
内宽 (Inner Width)
型号 (Type)

单个梳状板
Single tie-wrap plate



组装图
Shown assembled

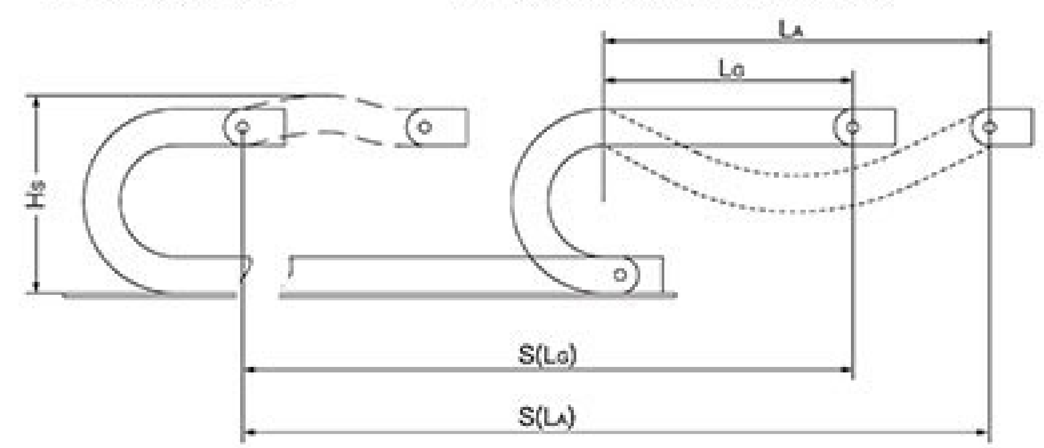


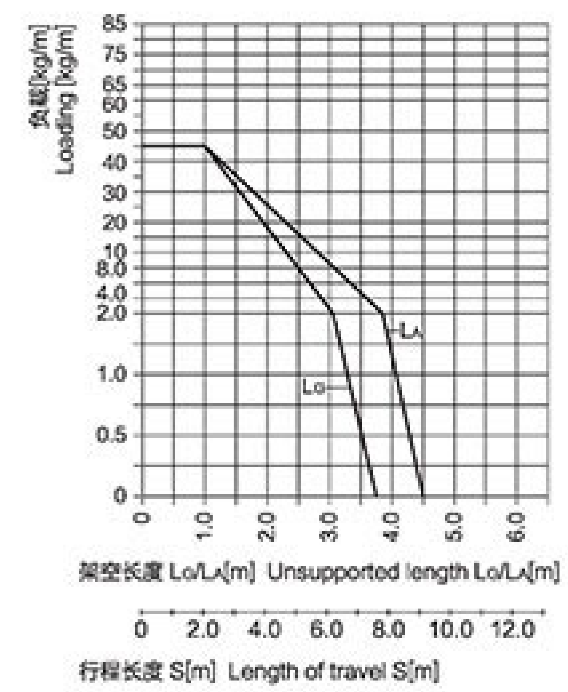


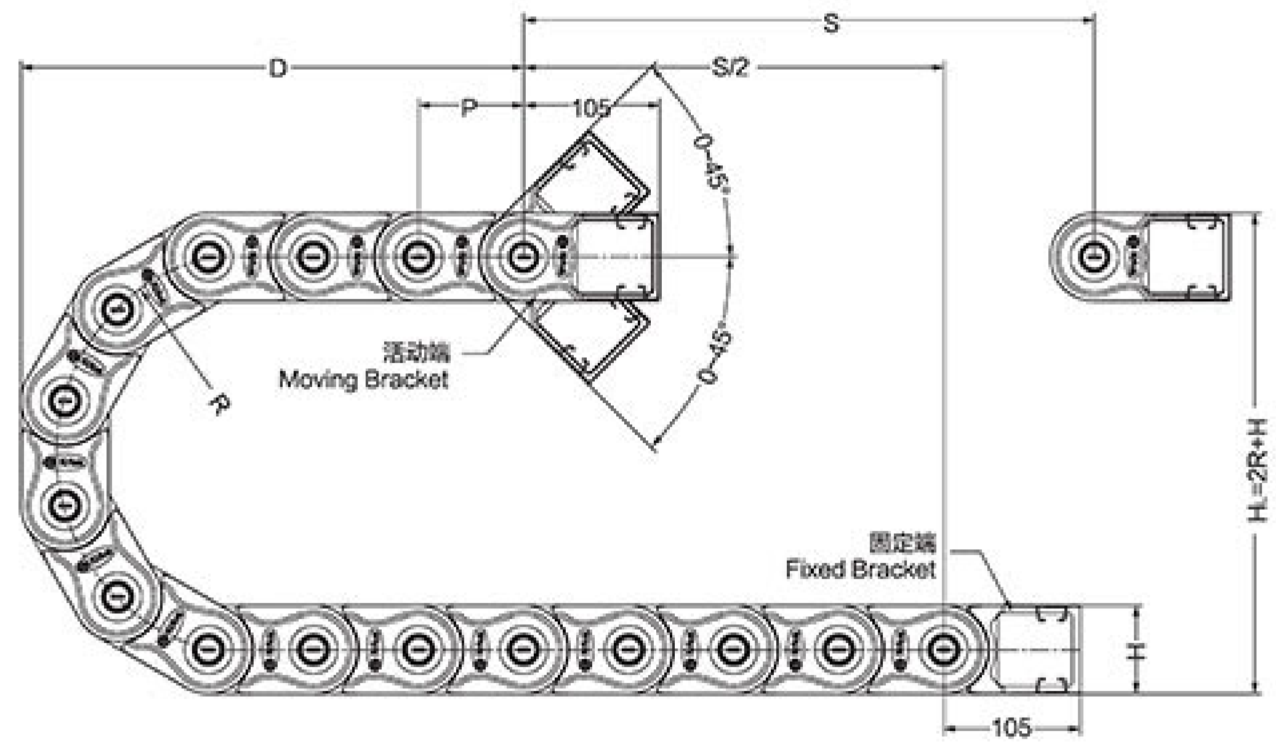
ZF45 拖链-安装尺寸及技术参数
ZF45 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	368 (14.49)	310 (12.20)	635 (25.00)	81 (3.19)
200 (7.87)	468 (18.43)	410 (16.14)	790 (31.10)	81 (3.19)
225 (8.86)	518 (20.39)	460 (18.11)	870 (34.25)	81 (3.19)
250 (9.84)	568 (22.36)	510 (20.08)	950 (37.40)	81 (3.19)
300 (11.81)	668 (26.30)	610 (24.02)	1105 (43.50)	81 (3.19)

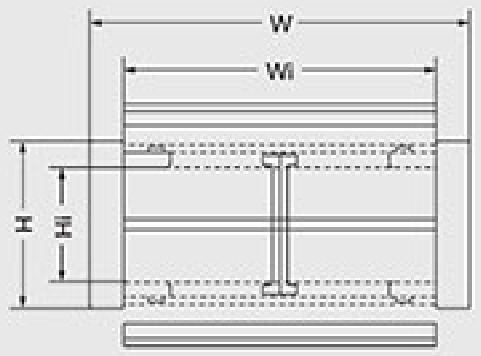
实际安装高度: $H_S=H_L+60mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=12（972mm）

The required clearance height: $H_S=H_L+2.36in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=12（38.27 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZF45 拖链–产品规格范围
ZF45 Cable Chain–Product specifications

ZF45拖链–内外侧可开 ZF45 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZF4575*R*L*n

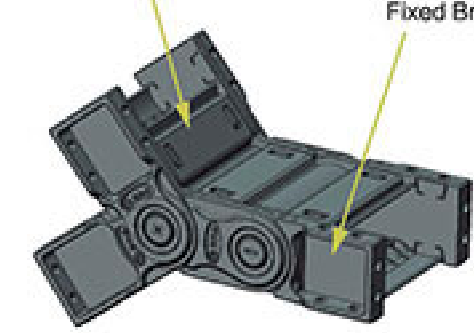
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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 (ibs/ft)	
ZF4575		45 (1.77)	76 (2.99)	68 (2.68)	104 (4.09)	2.94 (2.00)	
ZF45100			101 (3.98)		129 (5.08)	3.25 (2.21)	
ZF45125			126 (4.96)		154 (6.06)	3.45 (2.35)	

订货范例 Order details **ZF4575 * R150 * 1000mm * 2**

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	368 (14.49)	310 (12.20)	635 (25.00)	81 (3.19)
200 (7.87)	468 (18.43)	410 (16.14)	790 (31.10)	81 (3.19)
225 (8.86)	518 (20.39)	460 (18.11)	870 (34.25)	81 (3.19)
250 (9.84)	568 (22.36)	510 (20.08)	950 (37.40)	81 (3.19)
300 (11.81)	668 (26.30)	610 (24.02)	1105 (43.50)	81 (3.19)

ZF45 拖链–拖链接头
ZF45 Cable Chain–Mounting Bracket

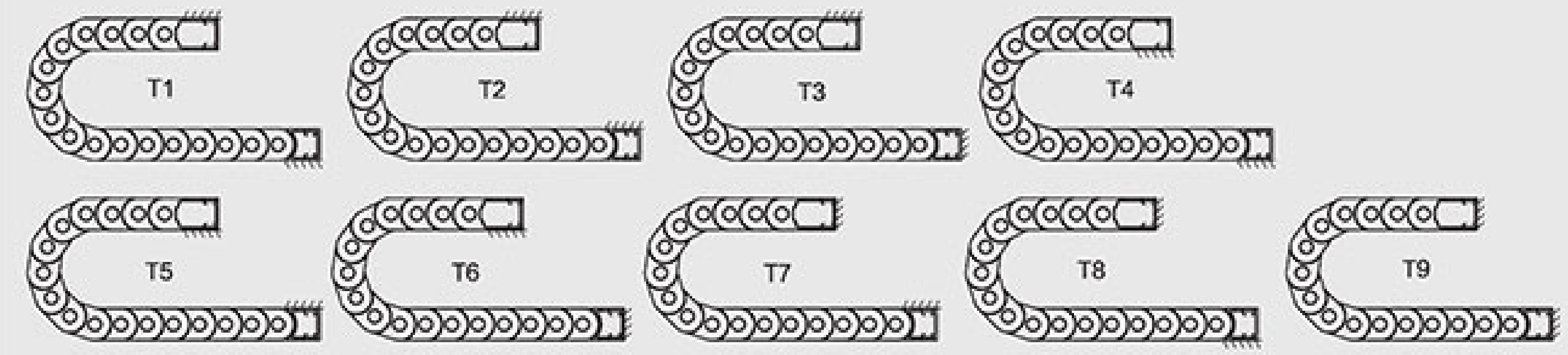


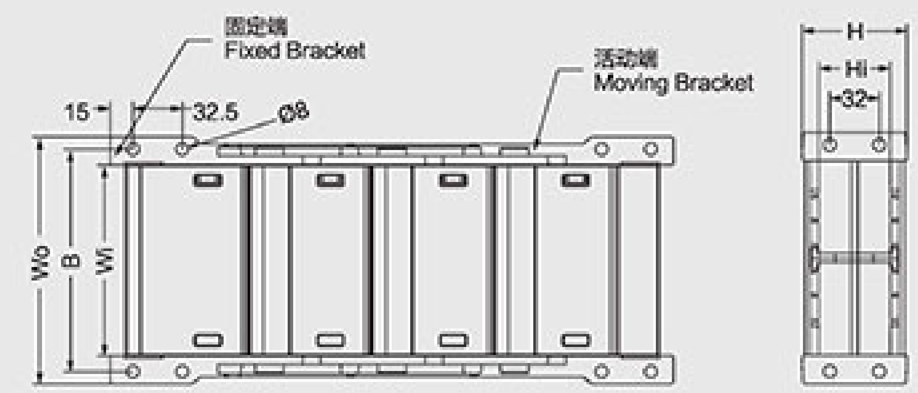
塑料接头或钢制接头 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 活动端接头可双向旋转
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moving Bracket can be rotated and traversed
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZF4575/ZF45100
ZF45125/ZF45150
ZF45200/ZF45250
ZF45300/ZF45350
ZF45400

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZF4575	12103	接头 Mounting Bracket 12101; 锁扣 Fixed Button 12102; 主体 Main Body 12100; 隔离片 Separator 12107	113 (4.45)	97 (3.82)
ZF45100	12104		138 (5.43)	122 (4.80)
ZF45125	12105		163 (6.42)	147 (5.79)

产品代码结构 Part Number Structure

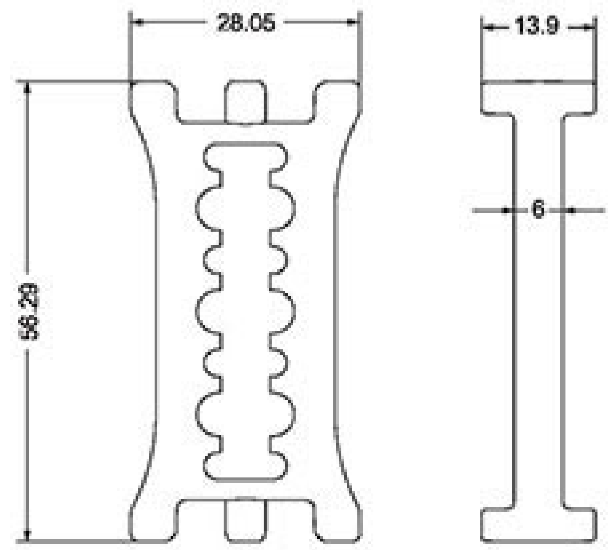
ZF4575*B*T1

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

ZF4575*B*T1*n 两端接头 On both brackets
ZF4575*f*T1*n 固定端接头 Fixed Bracket
ZF4575*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.

ZF45 拖链-隔离片
ZF45 Cable Chain-Separator



ZF45拖链隔离片编码：12107
The separator No. for ZF45: 12107

- 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

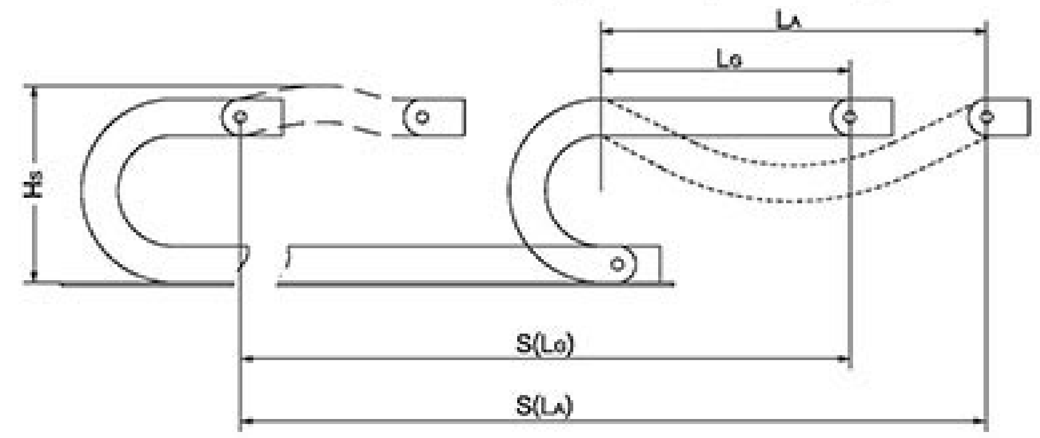
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

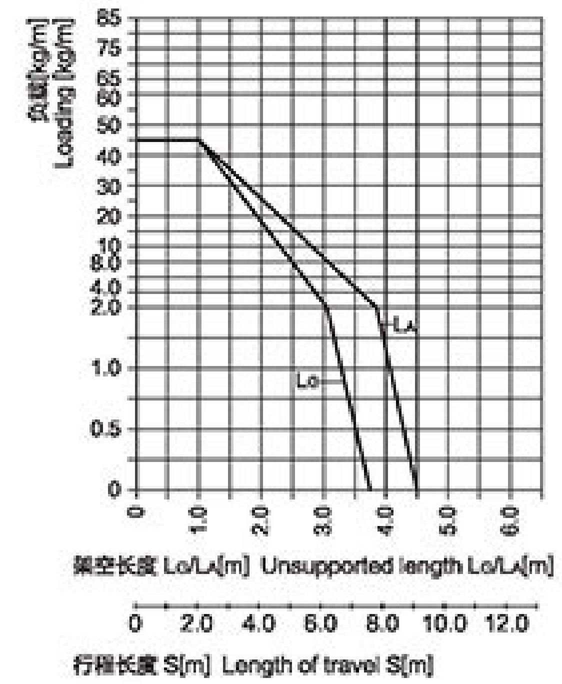
ZQ45 拖链-安装尺寸及技术参数
ZQ45 Cable Chain-Installation Dimensions and Technical Parameters

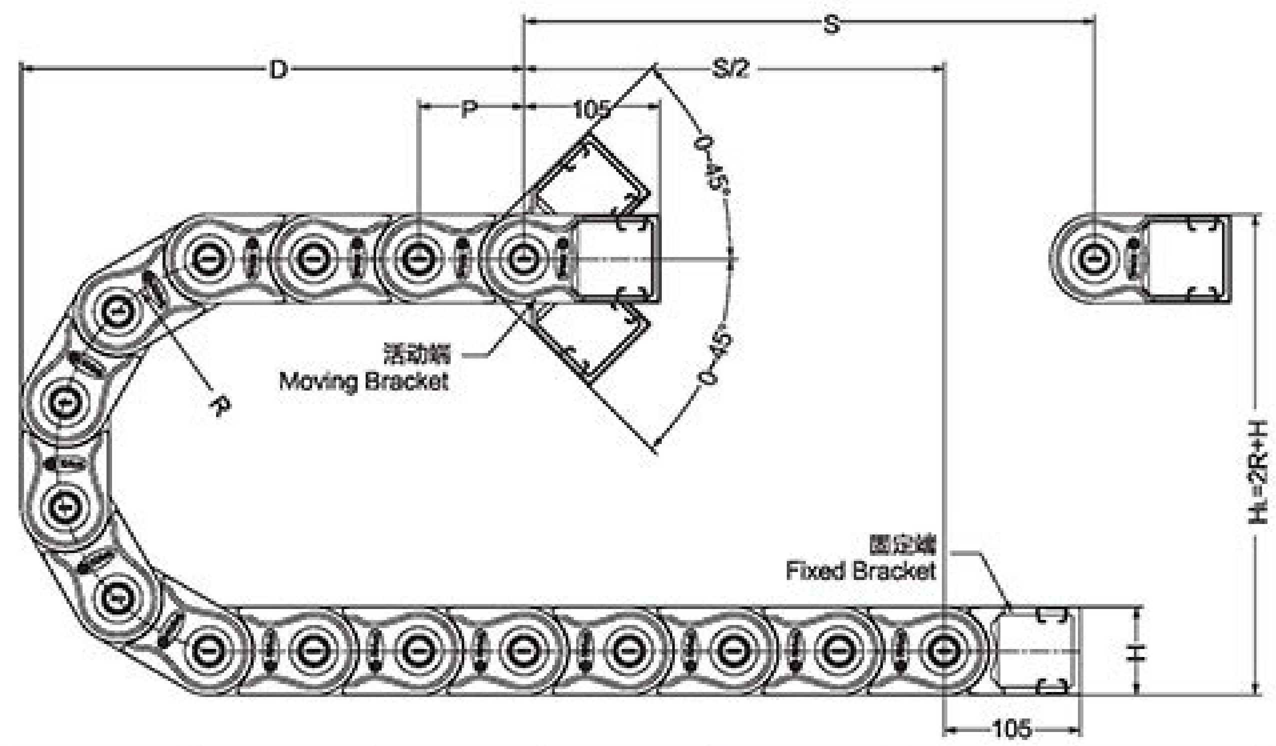
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
100 (3.94)	268 (10.55)	210 (8.27)	475 (18.70)	81 (3.19)
125 (4.92)	318 (12.52)	260 (10.24)	555 (21.85)	81 (3.19)
150 (5.91)	368 (14.49)	310 (12.20)	635 (25.00)	81 (3.19)
175 (6.89)	418 (16.46)	360 (14.17)	710 (27.95)	81 (3.19)
200 (7.87)	468 (18.43)	410 (16.14)	790 (31.10)	81 (3.19)
225 (8.86)	518 (20.39)	460 (18.11)	870 (34.25)	81 (3.19)
250 (9.84)	568 (22.36)	510 (20.08)	950 (37.40)	81 (3.19)
300 (11.81)	668 (26.30)	610 (24.02)	1105 (43.50)	81 (3.19)

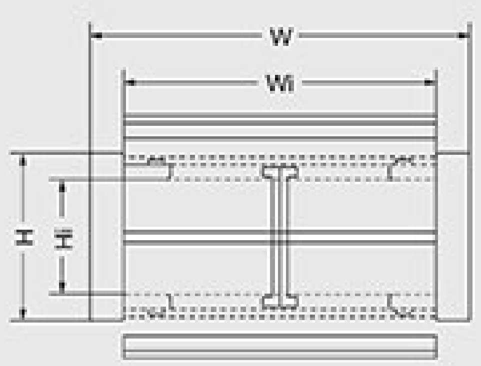
实际安装高度: $H_S=H_L+60mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=12（972mm）

The required clearance height: $H_S=H_L+2.36in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=12（38.27 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZQ45 拖链–产品规格范围
ZQ45 Cable Chain–Product specifications

ZQ45拖链–内外侧可开 ZQ45 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZQ4575*R*L*n

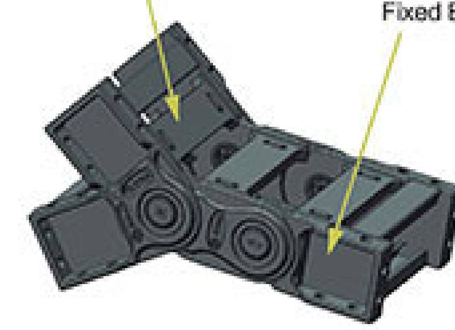
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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)	
ZQ4575		45 (1.77)	76 (2.99)	68 (2.68)	104 (4.09)	2.47 (1.68)	
ZQ45100			101 (3.98)		129 (5.08)	2.53 (1.72)	
ZQ45125			126 (4.96)		154 (6.06)	2.59 (1.76)	
ZQ45150			151 (5.94)		179 (7.05)	2.98 (2.03)	
ZQ45175			176 (6.93)		204 (8.03)	2.72 (1.85)	
ZQ45200			201 (7.91)		229 (9.02)	3.10 (2.11)	
ZQ45250			251 (9.88)		279 (10.98)	3.34 (2.27)	
ZQ45300			301 (11.85)		329 (12.95)	3.58 (2.43)	
ZQ45350			351 (13.82)		379 (14.92)	3.84 (2.61)	
ZQ45400			401 (15.79)		429 (16.89)	4.08 (2.77)	

订货范例
Order details
ZQ4575 * R100 * 1000mm * 2

R	Hₗ	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
100 (3.94)	268 (10.55)	210 (8.27)	475 (18.70)	81 (3.19)
125 (4.92)	318 (12.52)	260 (10.24)	555 (21.85)	81 (3.19)
150 (5.91)	368 (14.49)	310 (12.20)	635 (25.00)	81 (3.19)
175 (6.89)	418 (16.46)	360 (14.17)	710 (27.95)	81 (3.19)
200 (7.87)	468 (18.43)	410 (16.14)	790 (31.10)	81 (3.19)
225 (8.86)	518 (20.39)	460 (18.11)	870 (34.25)	81 (3.19)
250 (9.84)	568 (22.36)	510 (20.08)	950 (37.40)	81 (3.19)
300 (11.81)	668 (26.30)	610 (24.02)	1105 (43.50)	81 (3.19)

ZQ45 拖链–拖链接头
ZQ45 Cable Chain–Mounting Bracket

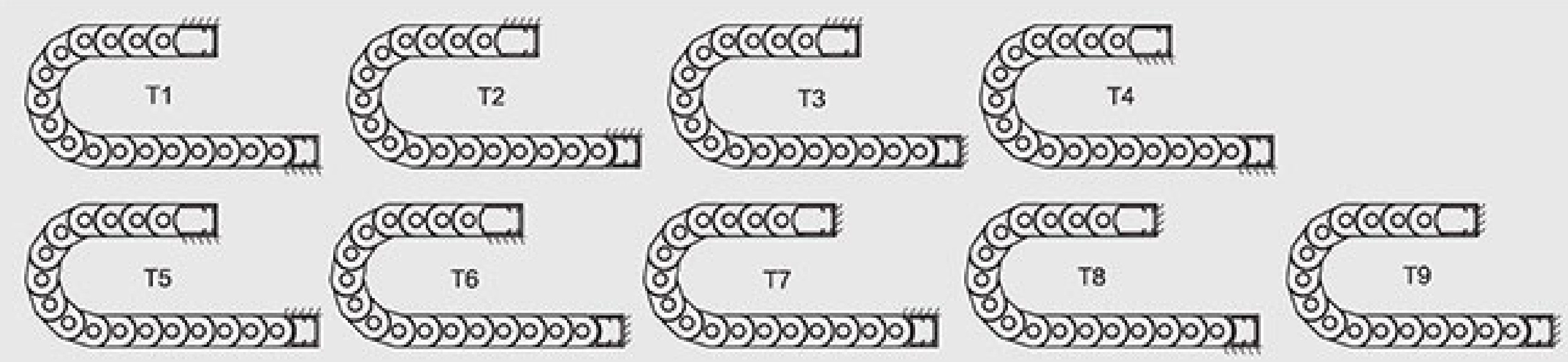


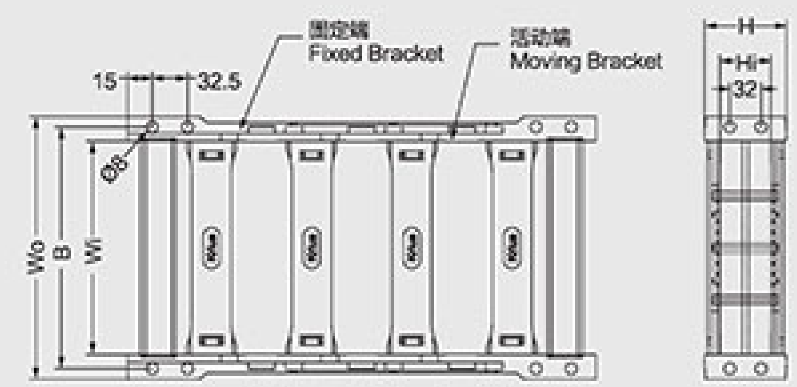
塑料接头或钢制接头 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 活动端接头可双向旋转
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moving Bracket can be rotated and traversed
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZQ4575 / ZQ45100 / ZQ45125 / ZQ45150 / ZQ45175 / ZQ45200
ZQ45250 / ZQ45300 / ZQ45350 / ZQ45400

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZQ4575	11226	接头 Mounting Bracket 12101; 主体 Main Body 12100; 锁扣 Fixed Button 12102; 隔离片 Separator 12106	113 (4.45)	97 (3.82)
ZQ45100	11227		138 (5.43)	122 (4.80)
ZQ45125	14082		163 (6.42)	147 (5.79)
ZQ45150	11228		188 (7.40)	172 (6.77)
ZQ45175	16001		213 (8.39)	197 (7.76)
ZQ45200	11229		238 (9.37)	222 (8.74)
ZQ45250	11230		288 (11.34)	272 (10.71)
ZQ45300	11231		338 (13.31)	322 (12.68)
ZQ45350	11232		388 (15.28)	372 (14.65)
ZQ45400	11233		438 (17.25)	422 (16.61)

产品代码结构 Part Number Structure

ZQ4575*B*T1

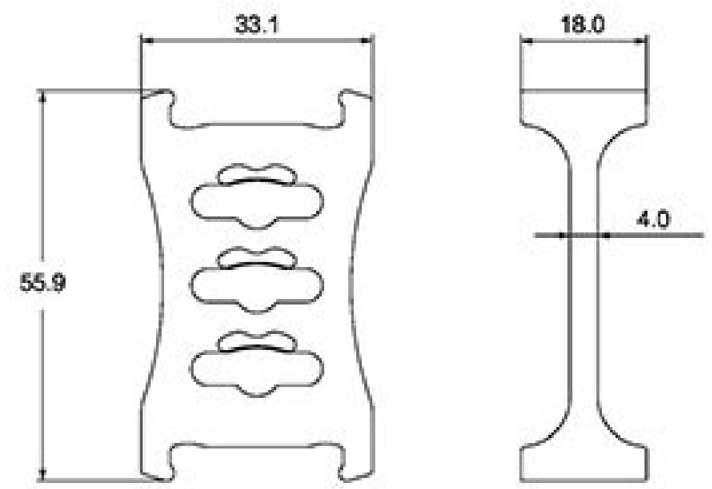
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

ZQ4575*B*T1*n	两端接头 On both brackets
ZQ4575*f*T1*n	固定端接头 Fixed bracket
ZQ4575*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.

ZQ45拖链 ZQ45 Cable Chain

ZQ45 拖链-隔离片
ZQ45 Cable Chain-Separator



ZQ45拖链隔离片编码：12106
The separator No. for ZQ45: 12106

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 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，可以根据线缆排布进行滑动

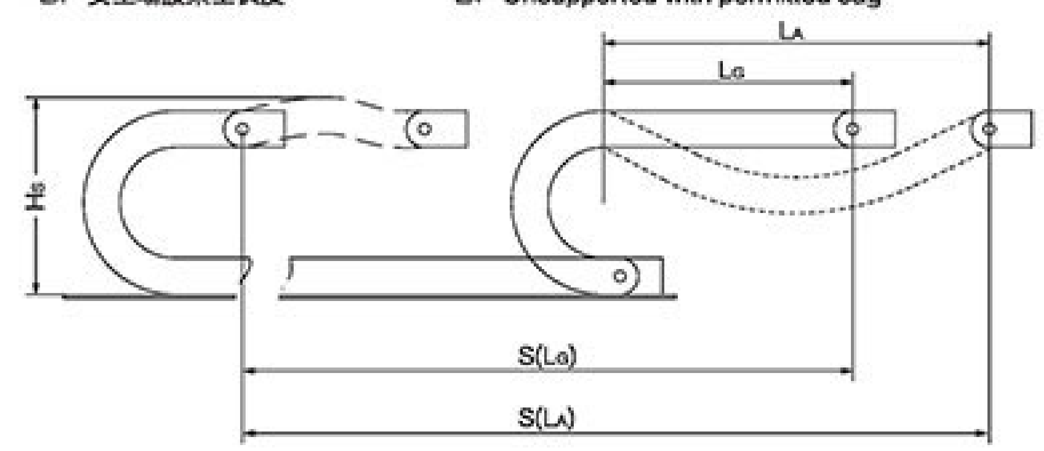
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Vertical separator can be moved for different cables

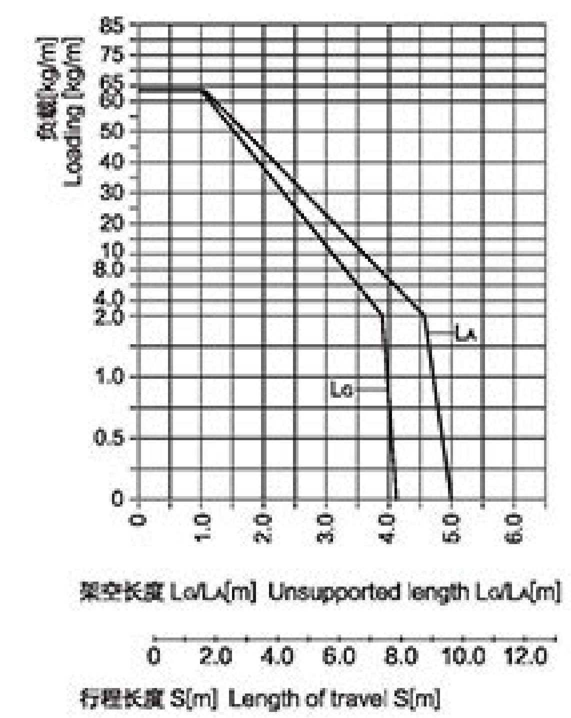
ZF55 拖链-安装尺寸及技术参数
ZF55 Cable Chain-Installation Dimensions and Technical Parameters

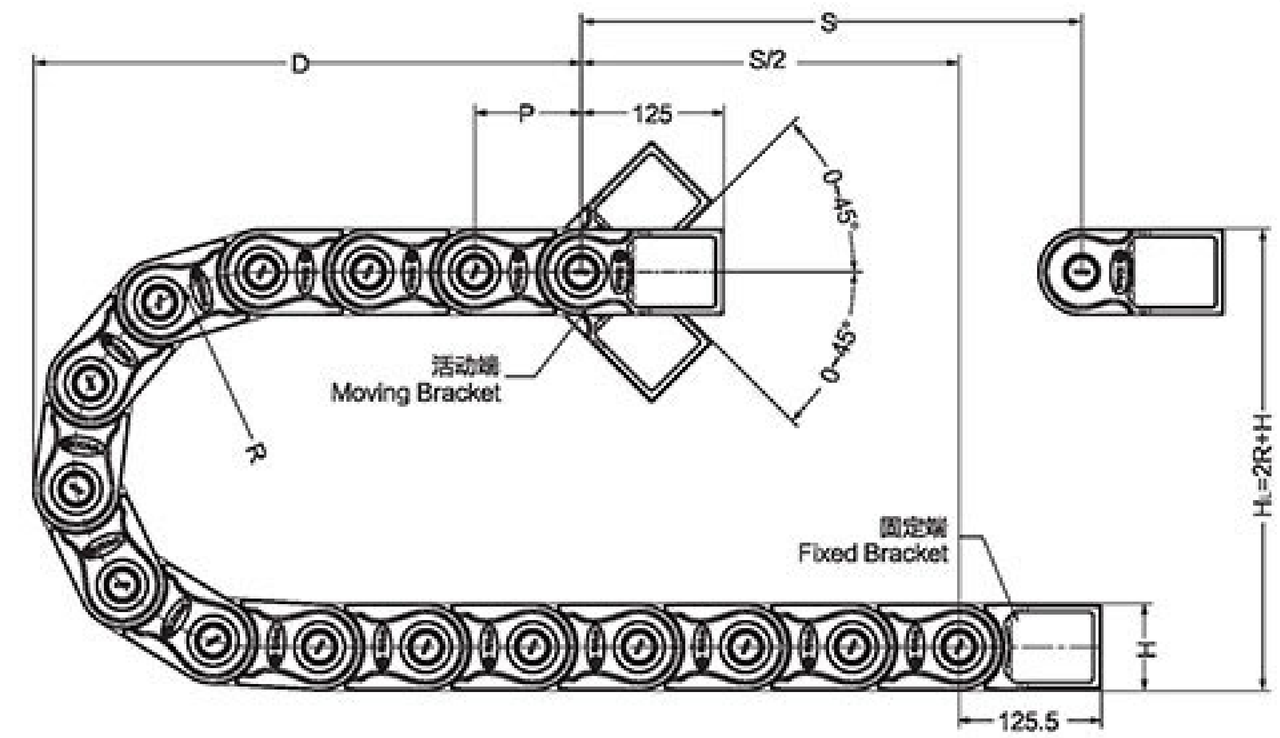
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
135 (5.31)	334 (13.15)	280 (11.02)	605 (23.82)	91 (3.58)
150 (5.91)	384 (15.12)	310(12.20)	655 (25.79)	91 (3.58)
175 (6.89)	434 (17.09)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	484 (19.06)	410 (16.14)	810 (31.89)	91 (3.58)
250 (9.84)	584 (22.99)	510 (20.08)	970 (38.19)	91 (3.58)
300 (11.81)	684 (26.93)	610 (24.02)	1125 (44.29)	91 (3.58)
400 (15.75)	884 (34.80)	810 (31.89)	1440 (56.69)	91 (3.58)
500 (19.69)	1084 (42.68)	1010 (39.76)	1750 (68.90)	91 (3.58)

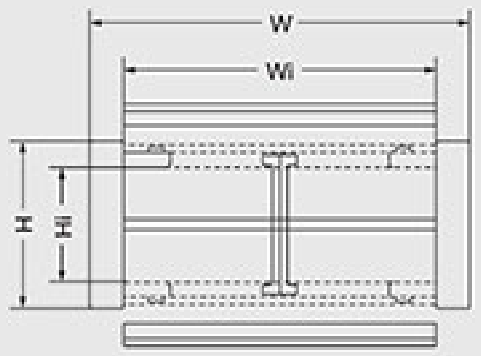
实际安装高度: $H_S=H_L+75mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=11（1001mm）

The required clearance height: $H_S=H_L+2.95in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=11（39.41 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZF55 拖链–产品规格范围
ZF55 Cable Chain–Product specifications

ZF55拖链–内外侧可开 ZF55 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZF5595*R*L*n

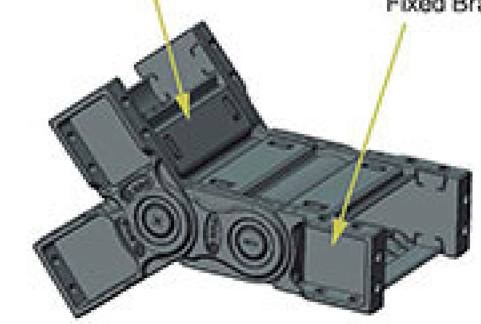
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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 (ibs/ft)	
ZF5595		55 (2.17)	96 (3.78)	84 (3.31)	126 (4.96)	4.62 (3.14)	
ZF55130			131 (5.16)		161 (6.34)	5.14 (3.50)	
ZF55150			151 (5.94)		181 (7.13)	5.30 (3.60)	

订货范例 Order details **ZF5595 * R150 * 1000mm * 2**

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
135 (5.31)	334 (13.15)	280 (11.02)	605 (23.82)	91 (3.58)
150 (5.91)	384 (15.12)	310(12.20)	655 (25.79)	91 (3.58)
175 (6.89)	434 (17.09)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	484 (19.06)	410 (16.14)	810 (31.89)	91 (3.58)
250 (9.84)	584 (22.99)	510 (20.08)	970 (38.19)	91 (3.58)
300 (11.81)	684 (26.93)	610 (24.02)	1125 (44.29)	91 (3.58)
400 (15.75)	884 (34.80)	810 (31.89)	1440 (56.69)	91 (3.58)
500 (19.69)	1084 (42.68)	1010 (39.76)	1750 (68.90)	91 (3.58)

ZF55 拖链–拖链接头
ZF55 Cable Chain–Mounting Bracket

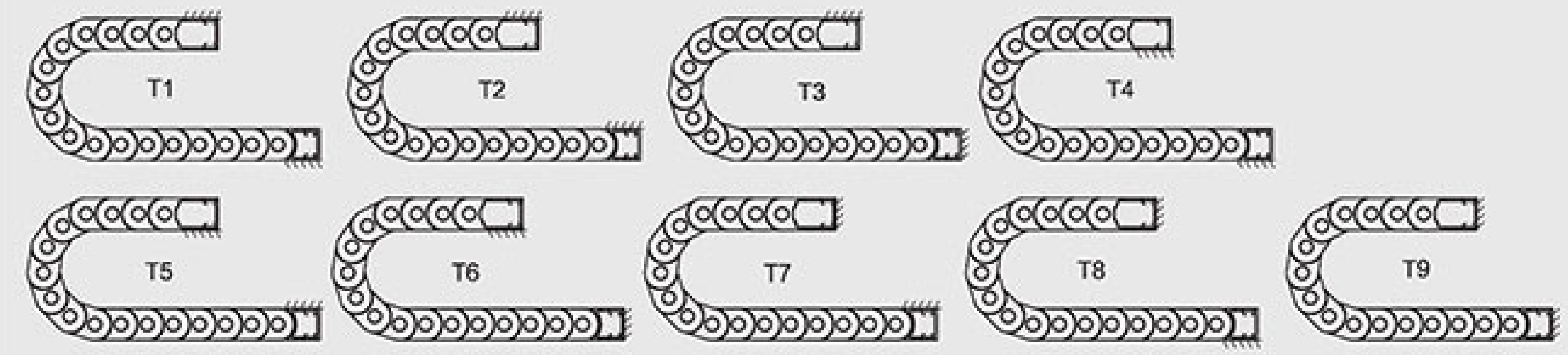


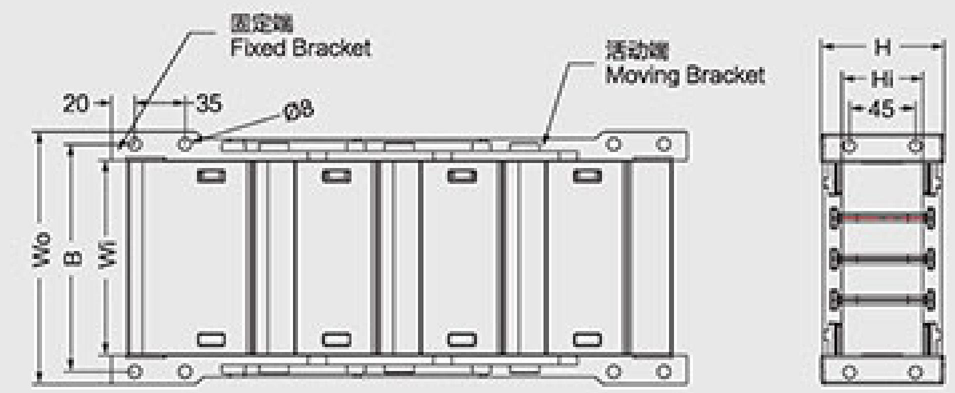
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 活动端接头可双向旋转
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moving Bracket can be rotated and traversed
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZF5595
ZF55130
ZF55150

拖链型号 Type	拖链编码 Code	其他编码 Other Code				Wo尺寸 Dimension Wo	B尺寸 Dimension B
						mm (in.)	mm (in.)
ZF5595	12052	接头 Mounting Bracket	12050	锁扣 Fixed Button	12051	135 (5.31)	119 (4.69)
ZF55130	12053	主体 Main Body	12049	隔离片 Separator	12055	170 (6.69)	154 (6.06)
ZF55150	12054					190 (7.48)	174 (6.85)

产品代码结构 Part Number Structure

ZF5595*B*T1

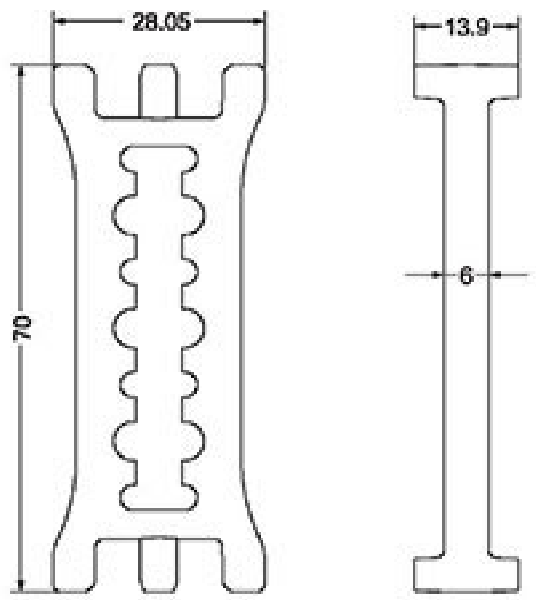
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

ZF5595*B*T1*n	两端接头 On both brackets
ZF5595*f*T1*n	固定端接头 Fixed bracket
ZF5595*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.

ZF55 拖链 ZF55 Cable Chain

ZF55 拖链–隔离片
ZF55 Cable Chain–Separator



ZF55拖链隔离片编码：12055
The separator No. for ZF55: 12055

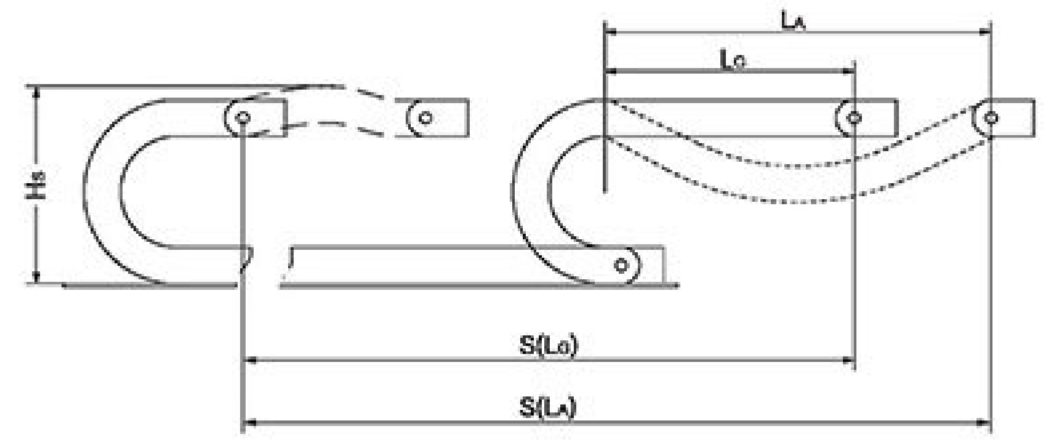
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，不能滑动

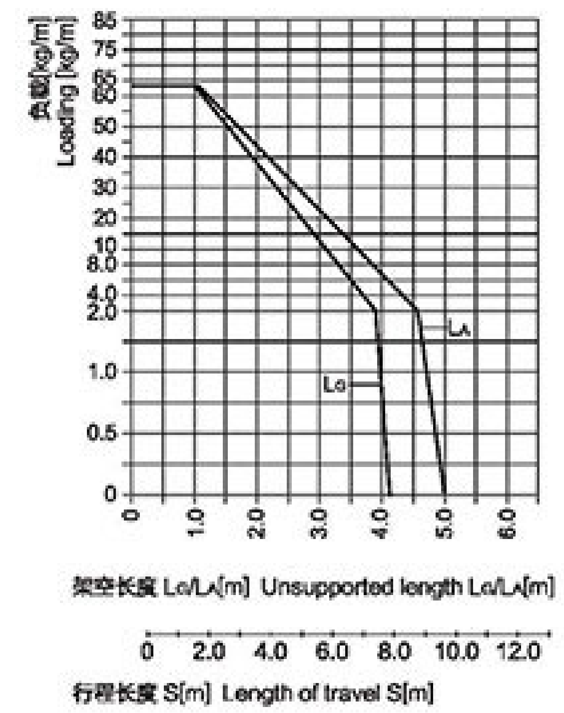
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can’t be moved after assembling

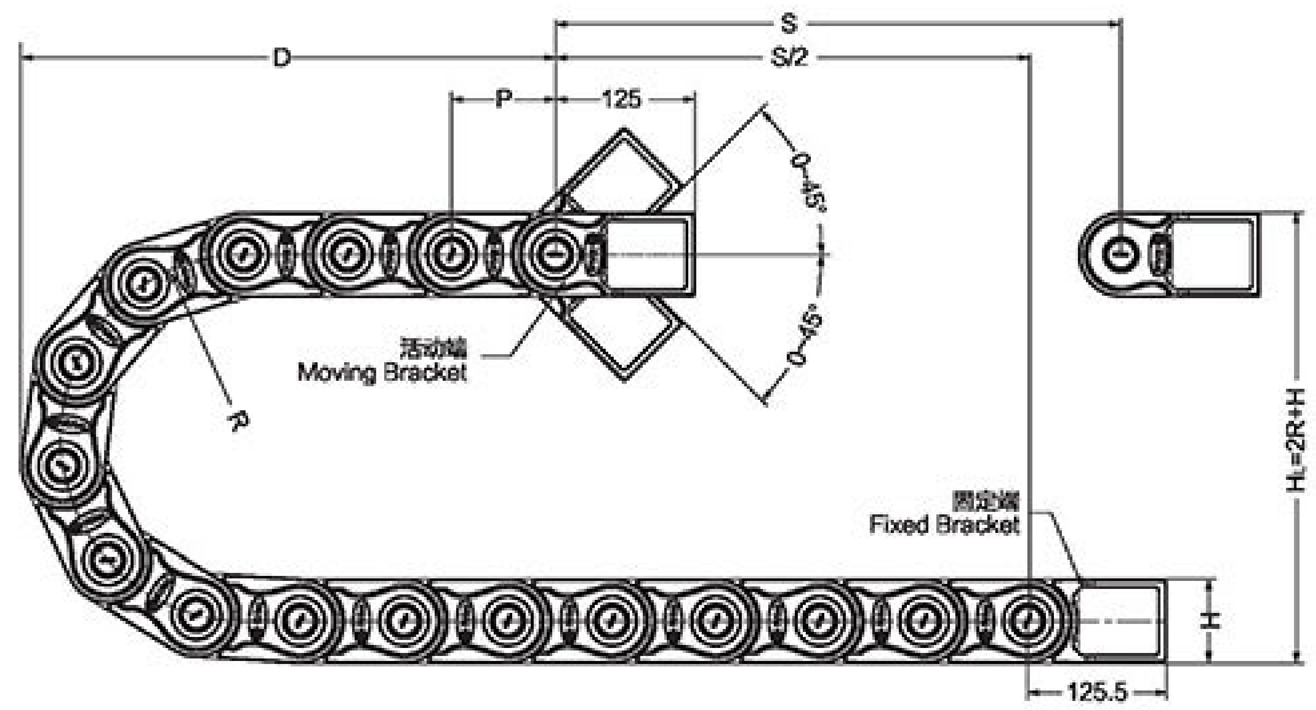
ZQ55 拖链–安装尺寸及技术参数
ZQ55 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π·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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π·R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
135 (5.31)	354 (13.94)	280 (11.02)	605 (23.82)	91 (3.58)
150 (5.91)	384 (15.12)	310 (12.20)	655 (25.79)	91 (3.58)
175 (6.89)	434 (17.09)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	484 (19.06)	410 (16.14)	810 (31.89)	91 (3.58)
250 (9.84)	584 (22.99)	510 (20.08)	970 (38.19)	91 (3.58)
300 (11.81)	684 (26.93)	610 (24.02)	1125 (44.29)	91 (3.58)
400 (15.75)	884 (34.80)	810 (31.89)	1440 (56.69)	91 (3.58)
500 (19.69)	1084 (42.68)	1010 (39.76)	1750 (68.90)	91 (3.58)

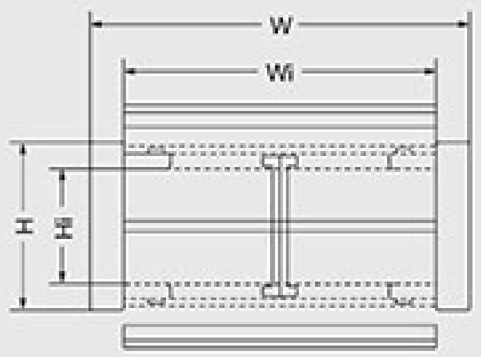
实际安装高度: H_S=H_L+75mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=11（1001mm）

The required clearance height: H_S=H_L+2.95in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=11（39.41 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZQ55 拖链–产品规格范围
ZQ55 Cable Chain–Product specifications

ZQ55拖链–内外侧可开 ZQ55 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZQ55100*R*L*n

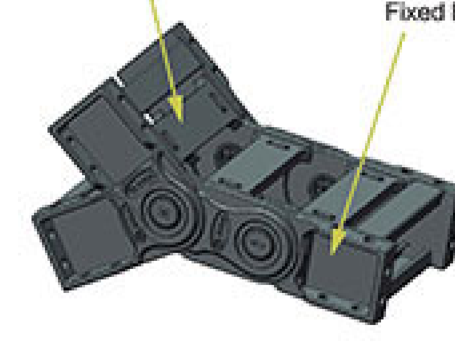
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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 (ibs/ft)	
ZQ55100		55 (2.17)	100.2 (3.94)	84 (3.31)	130.2 (5.13)	4.07 (2.77)	
ZQ55125			125.2 (4.93)		155.2 (6.11)	4.23 (2.88)	
ZQ55150			150.2 (5.91)		180.2 (7.09)	4.36 (2.96)	
ZQ55200			200.2 (7.88)		230.2 (9.06)	4.66 (3.17)	
ZQ55250			250.2 (9.85)		280.2 (11.03)	4.93 (3.35)	
ZQ55300			300.2 (11.82)		330.2 (13.00)	5.26 (3.58)	
ZQ55350			350.2 (13.79)		380.2 (14.97)	5.63 (3.83)	
ZQ55400			400.2 (15.76)		430.2 (16.94)	5.85 (3.98)	

订货范例
Order details **ZQ55100 * R100 * 1000mm * 2**

R	H	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
135 (5.31)	354 (13.94)	280 (11.02)	605 (23.82)	91 (3.58)
150 (5.91)	384 (15.12)	310 (12.20)	655 (25.79)	91 (3.58)
175 (6.89)	434 (17.09)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	484 (19.06)	410 (16.14)	810 (31.89)	91 (3.58)
250 (9.84)	584 (22.99)	510 (20.08)	970 (38.19)	91 (3.58)
300 (11.81)	684 (26.93)	610 (24.02)	1125 (44.29)	91 (3.58)
400 (15.75)	884 (34.80)	810 (31.89)	1440 (56.69)	91 (3.58)
500 (19.69)	1084 (42.68)	1010 (39.76)	1750 (68.90)	91 (3.58)

ZQ55 拖链–拖链接头
ZQ55 Cable Chain–Mounting Bracket

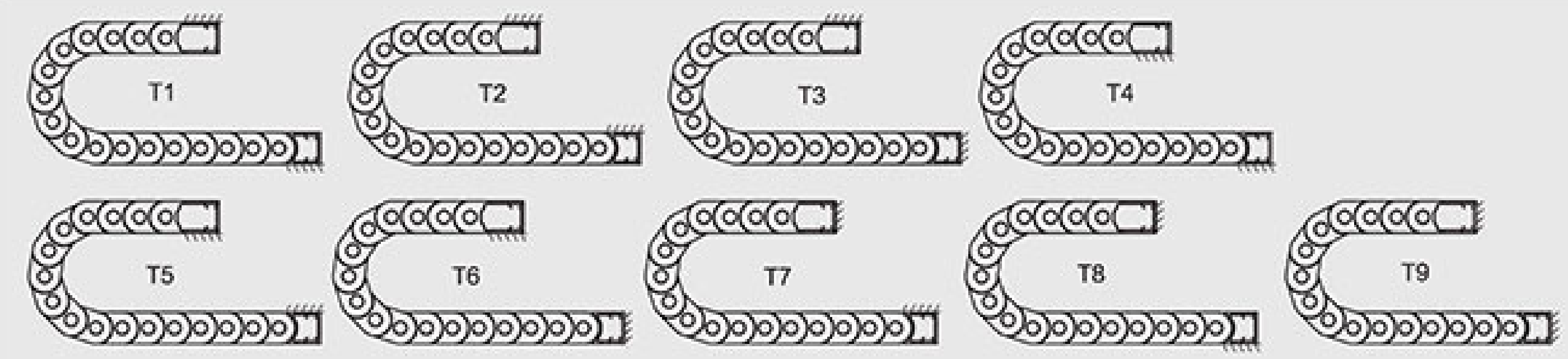


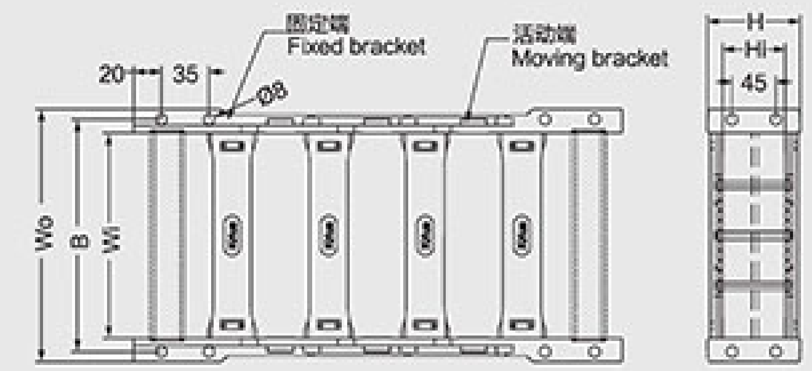
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 活动端接头可双向旋转
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moving Bracket can be rotated and traversed
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZQ5575 / ZQ55100 / ZQ55125 / ZQ55150 / ZQ55200
ZQ55250 / ZQ55300 / ZQ55350 / ZQ55400

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZQ55100	11200	接头 Mounting Bracket 12050	139.2 (5.48)	123.2 (4.85)
ZQ55125	11255	主体 Main Body 12049	164.2 (6.46)	148.2 (5.84)
ZQ55150	11201	锁扣 Fixed Button 12051	189.2 (7.45)	173.2 (6.82)
ZQ55200	11191	隔离片 Separator 12054	239.2 (9.42)	223.2 (8.79)
ZQ55250	11202		289.2 (11.39)	273.2 (10.76)
ZQ55300	11203		339.2 (13.35)	323.2 (12.72)
ZQ55350	11204		389.2 (15.32)	373.2 (14.69)
ZQ55400	11205		439.2 (17.29)	423.2 (16.66)

产品代码结构 Part Number Structure

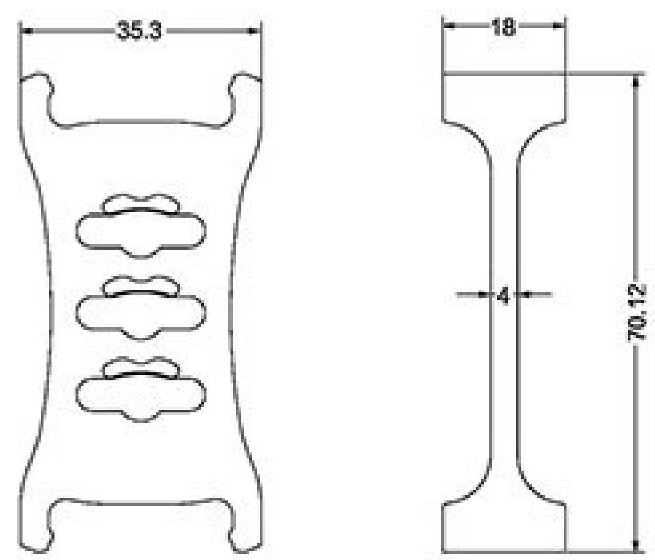
ZQ55100*B*T1

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

ZQ55100*B*T1*n	两端接头 On both brackets
ZQ55100*f*T1*n	固定端接头 Fixed bracket
ZQ55100*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.

ZQ55 拖链–隔离片
ZQ55 Cable Chain–Separator



ZQ55拖链隔离片编码：12054
The separator No. for ZQ55: 12054

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 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，可以根据线缆排布进行滑动

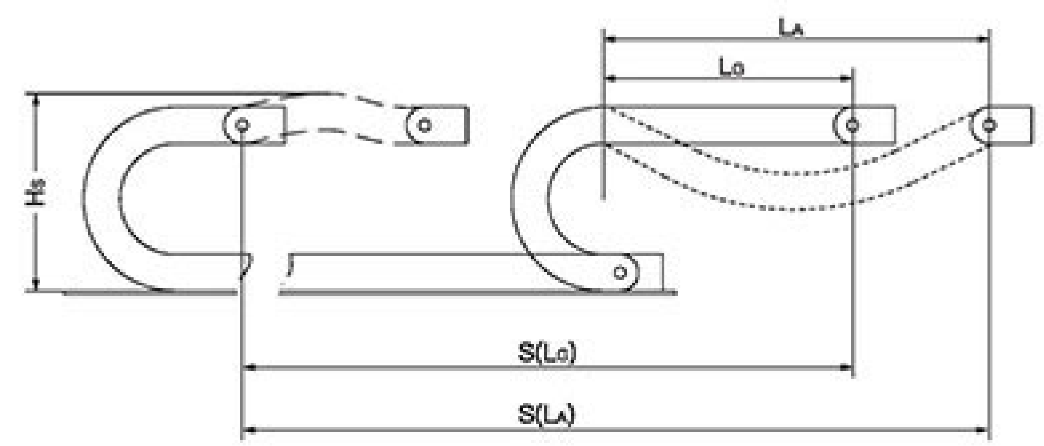
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Vertical separator can be moved for different cables

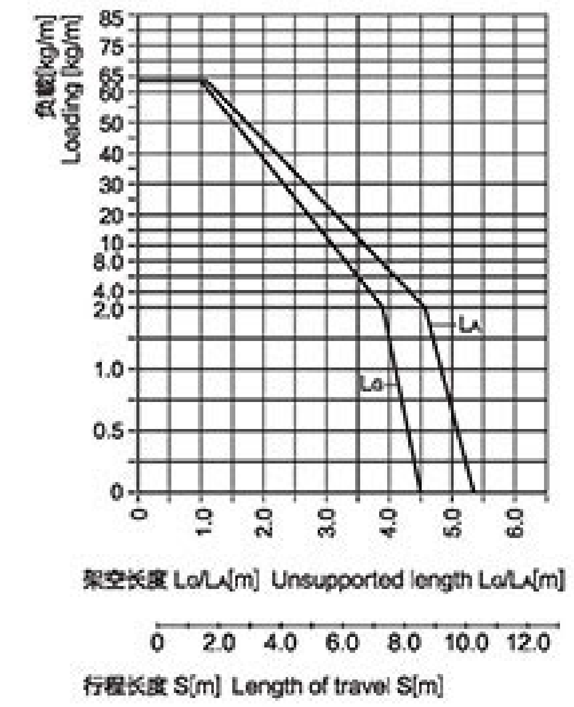
ZQ56 拖链–安装尺寸及技术参数
ZQ56 Cable Chain–Installation Dimensions and Technical Parameters

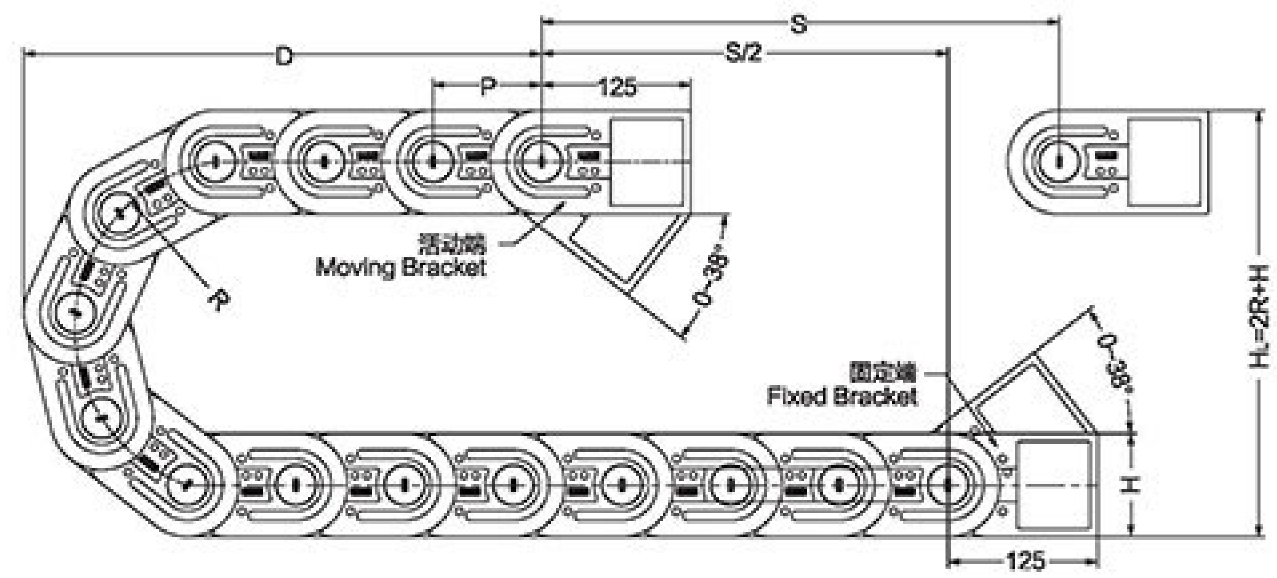
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
135 (5.31)	357 (14.06)	280 (11.02)	605 (23.82)	91 (3.58)
150 (5.91)	387 (15.24)	310 (12.20)	655 (25.79)	91 (3.58)
175 (6.89)	437 (17.20)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	487 (19.17)	410 (16.14)	810 (31.89)	91 (3.58)
240 (9.45)	567 (22.32)	490 (19.29)	935 (36.81)	91 (3.58)
250 (9.84)	587 (23.11)	510 (20.08)	965 (37.99)	91 (3.58)
300 (11.81)	687 (27.05)	610 (24.02)	1125 (44.29)	91 (3.58)
350 (13.78)	787 (30.98)	710 (27.95)	1280 (50.39)	91 (3.58)
400 (15.75)	887 (34.92)	810 (31.89)	1440 (56.69)	91 (3.58)
450 (17.72)	987 (38.86)	910 (35.83)	1595 (62.80)	91 (3.58)
500 (19.69)	1087 (42.80)	1010 (39.76)	1750 (68.90)	91 (3.58)

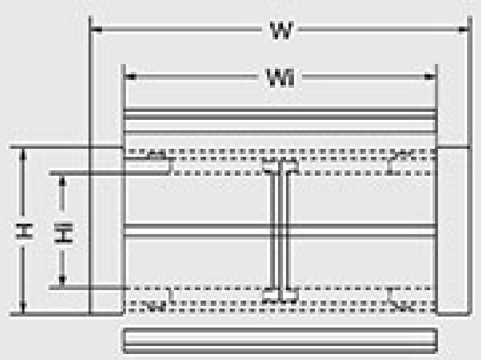
实际安装高度: $H_S=H_L+85mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=11（1001mm）

The required clearance height: $H_S=H_L+3.75in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=11（39.41in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZQ56 拖链–产品规格范围
ZQ56 Cable Chain–Product specifications

ZQ56拖链–内外侧可开 ZQ56 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZQ5675*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)	
ZQ5675		56 (2.20)	75 (2.95)	86.4 (3.40)	105 (4.13)	3.26 (2.22)	
ZQ56100			100 (3.94)		130 (5.12)	3.39 (2.31)	
ZQ56125			125 (4.92)		155 (6.10)	3.54 (2.41)	
ZQ56150			150 (5.91)		180 (7.09)	3.69 (2.51)	
ZQ56175			175 (6.89)		205 (8.07)	3.84 (2.61)	
ZQ56200			200 (7.87)		230 (9.06)	3.96 (2.69)	
ZQ56250			250 (9.84)		280 (11.02)	4.13 (2.81)	
ZQ56300			300 (11.81)		330 (12.99)	4.31 (2.93)	

订货范例 Order details **ZQ5675 * R135 * 1000mm * 2**

R	H	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
135 (5.31)	357 (14.06)	280 (11.02)	605 (23.82)	91 (3.58)
150 (5.91)	387 (15.24)	310 (12.20)	655 (25.79)	91 (3.58)
175 (6.89)	437 (17.20)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	487 (19.17)	410 (16.14)	810 (31.89)	91 (3.58)
240 (9.45)	567 (22.32)	490 (19.29)	935 (36.81)	91 (3.58)
250 (9.84)	587 (23.11)	510 (20.08)	965 (37.99)	91 (3.58)
300 (11.81)	687 (27.05)	610 (24.02)	1125 (44.29)	91 (3.58)
350 (13.78)	787 (30.98)	710 (27.95)	1280 (50.39)	91 (3.58)
400 (15.75)	887 (34.92)	810 (31.89)	1440 (56.69)	91 (3.58)
450 (17.72)	987 (38.86)	910 (35.83)	1595 (62.80)	91 (3.58)
500 (19.69)	1087 (42.80)	1010 (39.76)	1750 (68.90)	91 (3.58)

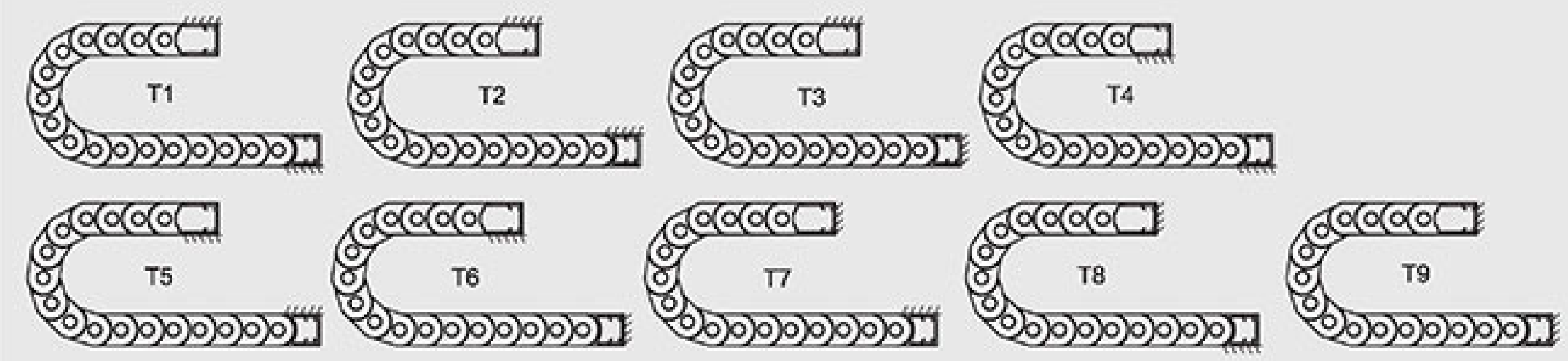
ZQ56 拖链–拖链接头
ZQ56 Cable Chain–Mounting Bracket

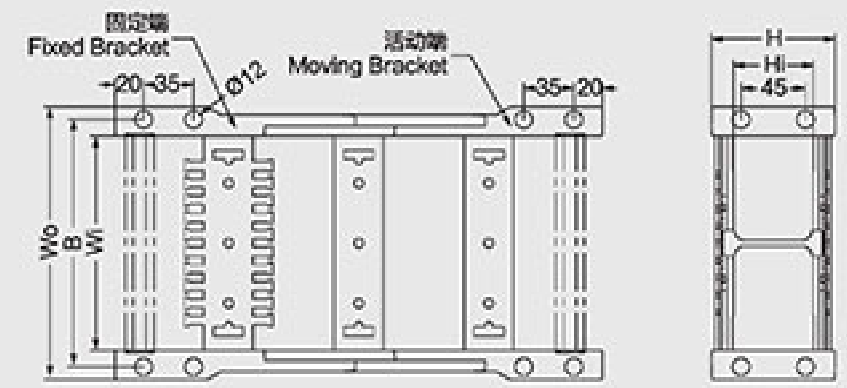
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式带梳状片接头
- 两端接头均可活动
- 耐腐蚀＆耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Separate mounting bracket with tie warp plate on both side
- Moved connectors on both sides
- Anti–corrosion, Rub–resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZQ5675 / ZQ56100 / ZQ56125 / ZQ56150
ZQ56175 / ZQ56200 / ZQ56250 / ZQ56300

拖链型号 Type	拖链编码 Code	其他编码 Other Code				Wo尺寸 Dimension Wo	B尺寸 Dimension B
						mm (in.)	mm (in.)
ZQ5675	14275					116 (4.57)	98 (3.86)
ZQ56100	14276	接头 Mounting Bracket	14269 14270	隔离片 Separator	14273	141 (5.55)	123 (4.84)
ZQ56125	14277					166 (6.54)	148 (5.83)
ZQ56150	14278	主体 Main Body	14268	弹片 Anti–noise part	14272	191 (7.52)	173 (6.81)
ZQ56175	14279					216 (8.50)	198 (7.80)
ZQ56200	14280	锁扣 Fixed Button	14271	耐磨片 Anti–friction part	14274	241 (9.49)	223 (8.78)
ZQ56250	14281					291(11.46)	273 (10.75)
ZQ56300	14282					341(13.43)	323 (12.72)

产品代码结构 Part Number Structure

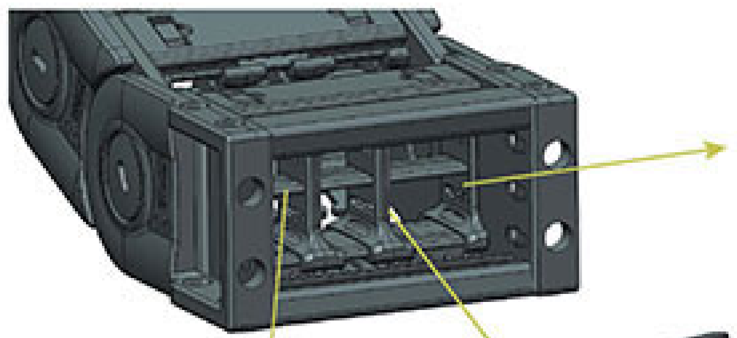
ZQ5675*B*T1

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

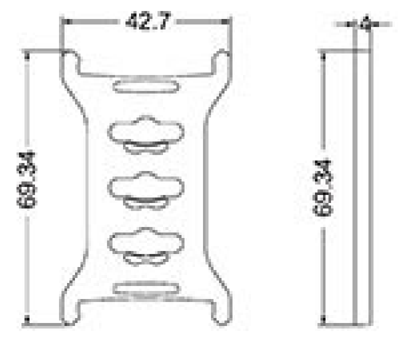
ZQ5675*B*T1*n	两端接头 On both brackets
ZQ5675*f*T1*n	固定端接头 Fixed bracket
ZQ5675*m*T1*n	活动端接头 Moving bracket

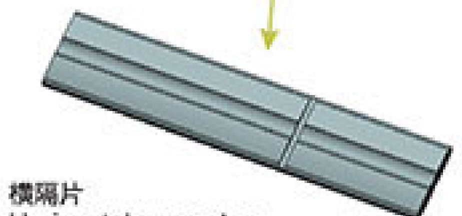
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZQ56 拖链–隔离片
ZQ56 Cable Chain–Separator

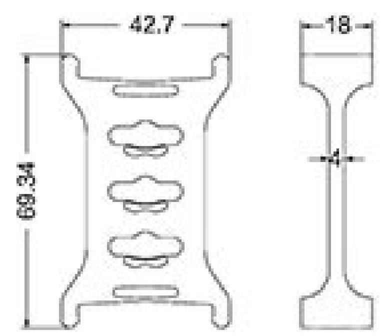


两侧竖隔片
Vertical separator
on the two end





中间竖隔片
Vertical separator
in the middle part



横隔片
Horizontal separator

ZQ56拖链隔离片编码：14273
The separator No. for ZQ56: 14273

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片和横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
- 竖隔片可以根据线缆的排布进行滑动

- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical and horizontal can be placed into each link or different quantity links, it can be customized
- Vertical separator can be moved for different cables

ZQ56 拖链–梳状板
ZQ56 Cable Chain–Tie–wrap plate

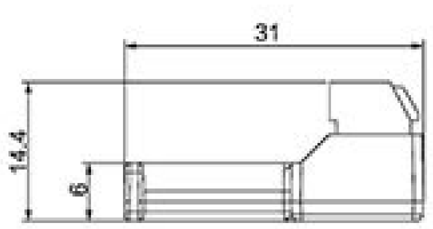
梳状板为独立部件，可根据需要进行选配
Tie–wrap plate are independent parts, you can order or not referring to your demand

选配代码结构
Part Number Structure

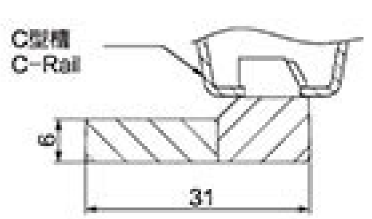
ZQ5675+C型槽+梳状片
ZQ5675+C–Rail+Tie–wrap plate

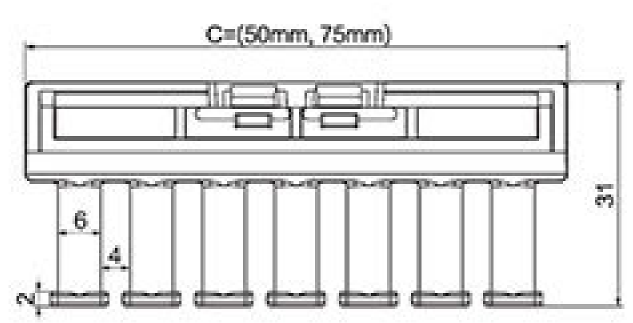
内宽 (Inner Width)
型号 (Type)

单个梳状板
Single tie–wrap plate



组装图
Shown assembled

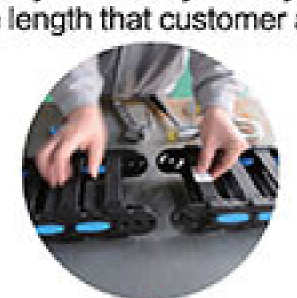




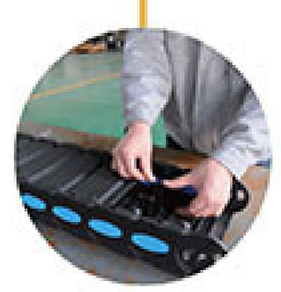
HQ · HF系列拖链拆装过程

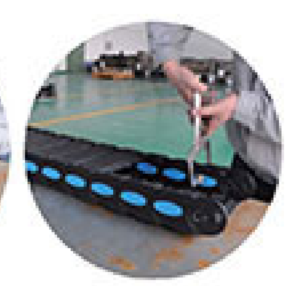
Assemble and dismantle sketch for HQ·HF Series

STEP 1
组装横杆/封闭片
Assemble the cross bar
or close part into body part



STEP 2
组装拖链长度
Make every main body link by link till to
the length that customer ask





STEP 3
组装固定片
Assemble fixed button into the body part

STEP 4
组装接头
Assemble mounting bracket

STEP 1
拆卸封闭片/横杆
Prize the cross bar/closed part
of the each end first
and second link from
the hole by screw driver

STEP 2
拆卸接头
Dismantle the mounting bracket

STEP 3
拆卸主体
Dismantle the body part

STEP 4
拆卸完成
Finish dismantle

HQ·HF系列拖链拆装过程
Assemble and dismantle sketch for HQ-HF Series

HQ · HF系列拖链
HQ·HF 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

速度快
High speed

功能特点 Features & Benefits

- 横杆在内外侧均可打开
- 阻燃等级UL94 V-2
- 配有双侧独立式带梳状片接头
- 外形设计美观、大方、防尘
- 耐摩擦、耐腐蚀，滑行应用
- 用于高速及高加速度的环境下
- 可以组装成"S"型拖链（仅适用于HQ系列）

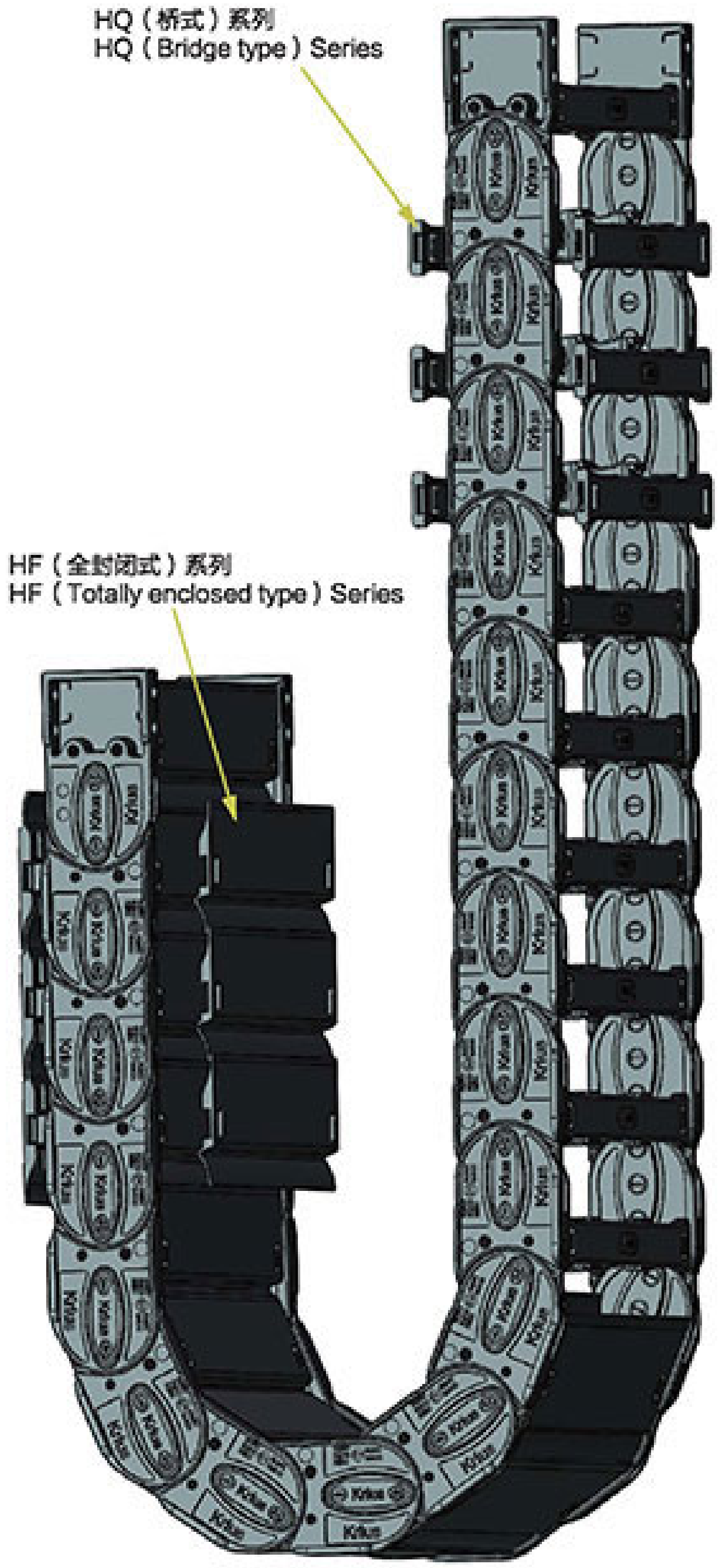
- Cross bars can be opened along inwards and outwards radius
- Flammability class UL94 V-2
- Separate mounting bracket with tie warp plate on both side
- Beautiful and decent appearance design and dustproof
- Anti-corrosion, Rub-resistance, Glide application
- Can be used in high speed and high acceleration environment
- Assembled as S-shaped chain(only for HQ series)

HQ · HF拖链的适用场合 Application

- 长距离
- 摩擦滑行，对拖链的摩擦损耗较大的场合。
- For long distance running
- Gliding with friction, for the heavy friction application

HQ · HF拖链的不适用场合 Not applicable

- 噪音要求较高
- Not for extremely low speed



订购示例—整条拖链 Order details–Integrated chain

请注明拖链长度或者链节数 如：1米或14节
Please mark the length or link number, such as 1 meter or 14 links

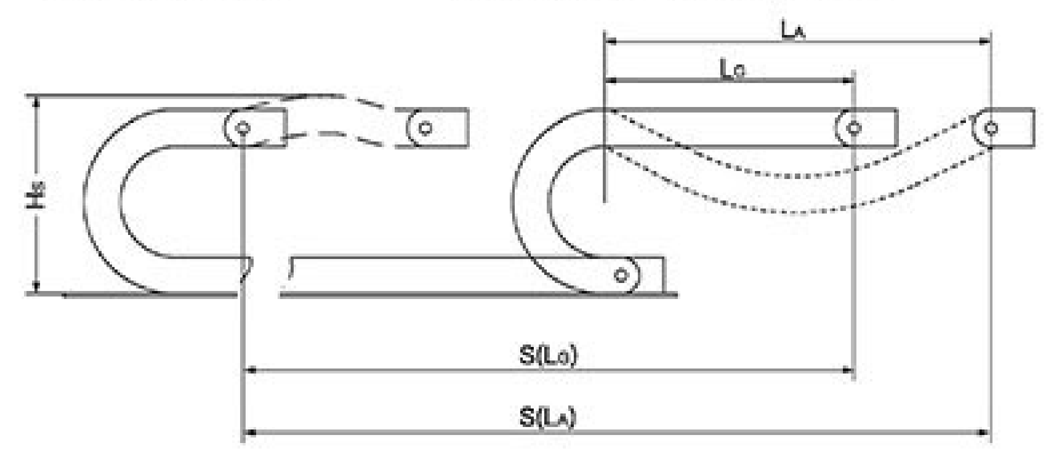
HF3875*R150*1000*2
(2条长度1米的拖链)
(2 pieces of 1-meter-long cable chain)

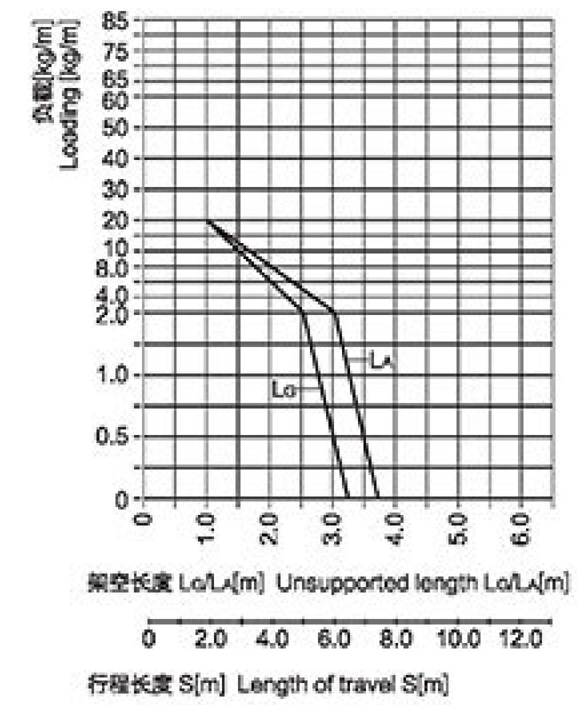
HF3875*B*T1*1
(1副接头，T1安装方式)
(1 piece of connector, T1 installation method)

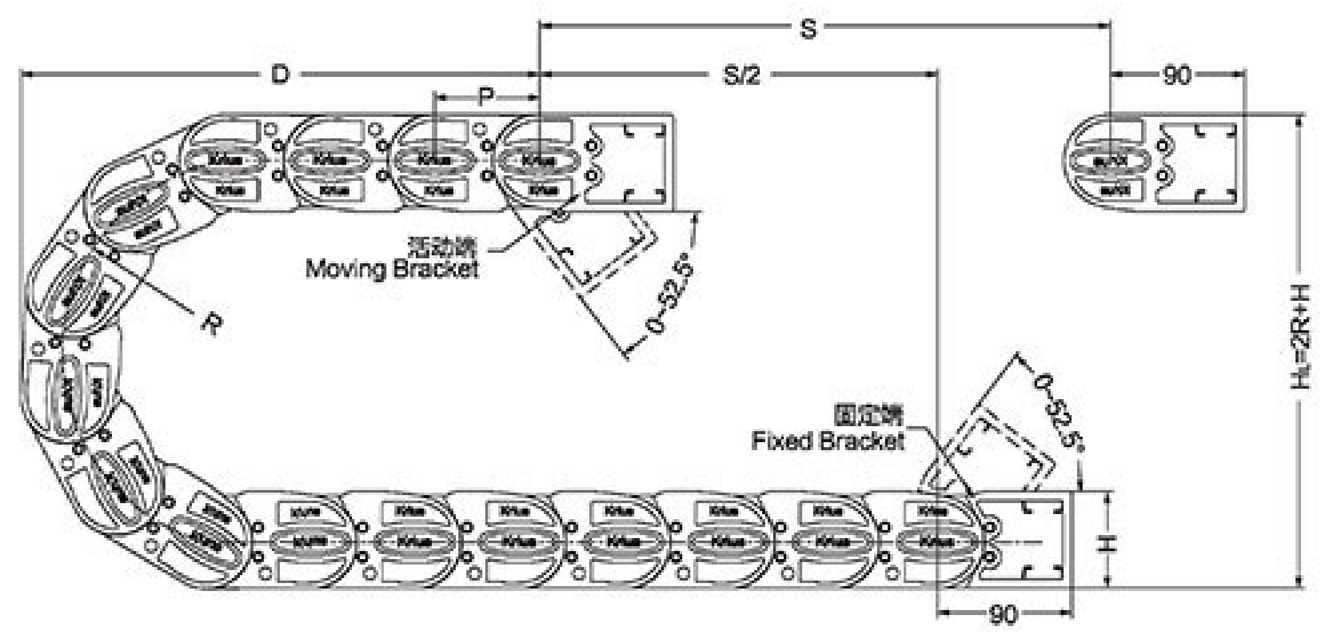
HF38 拖链–安装尺寸及技术参数
HF38 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	365 (14.37)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	465 (18.31)	410 (16.14)	770 (30.31)	70 (2.76)

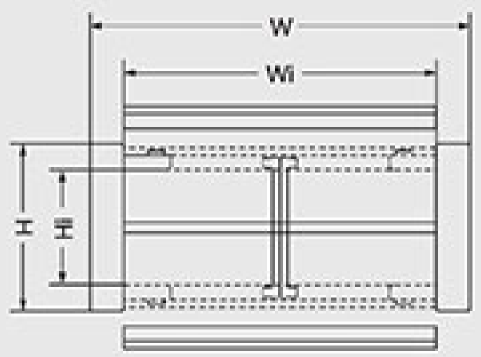
实际安装高度: $H_S=H_L+60mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=14（980mm）

The required clearance height: $H_S=H_L+2.36in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=14（38.58 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/–40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HF38 拖链–产品规格范围
HF38 Cable Chain–Product specifications

HF38拖链–内外侧可开 HF38 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

HF3875*R*L*n

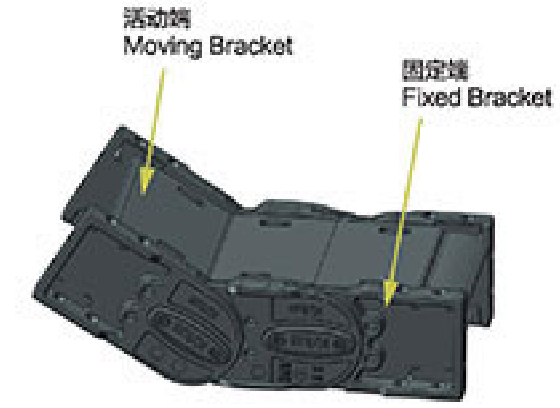
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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)	
HF3875		39.5 (1.56)	76 (2.99)	65 (2.56)	108 (4.26)	2.97 (2.02)	
HF38100			101 (3.98)		133 (5.24)	3.30 (2.24)	

订货范例 Order details HF3875 * R150 * 1000mm * 2

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	365 (14.37)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	465 (18.31)	410 (16.14)	770 (30.31)	70 (2.76)

HF38 拖链–拖链接头
HF38 Cable Chain–Mounting Bracket

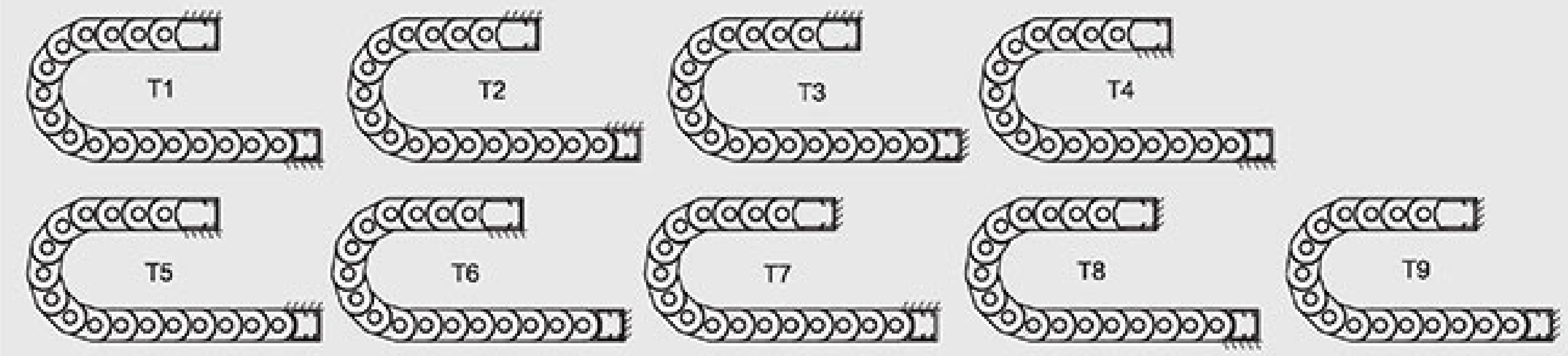


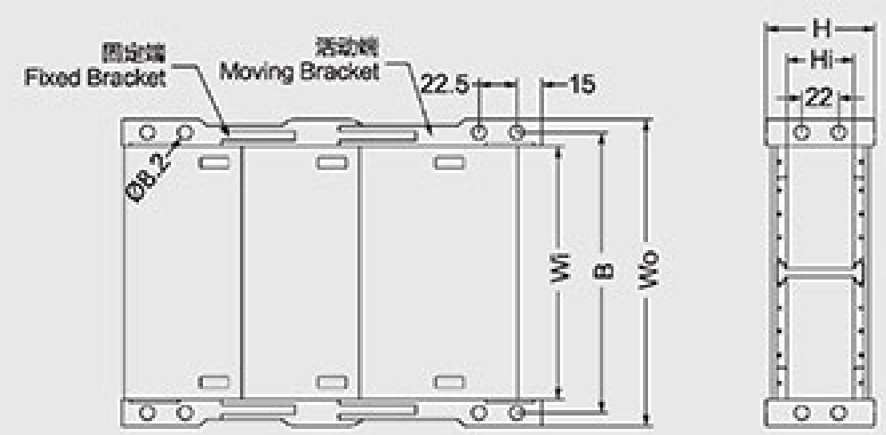
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀＆耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





HF3875
HF38100

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
HF3875	11234	接头 Mounting Bracket 14127 / 14128; 隔离片 Separator 11224; 主体 Main Body 11222; 固定片 Fixed Plate 11223	108 (4.26)	92 (3.62)
HF38100	11235		133 (5.24)	117 (4.61)

产品代码结构 Part Number Structure

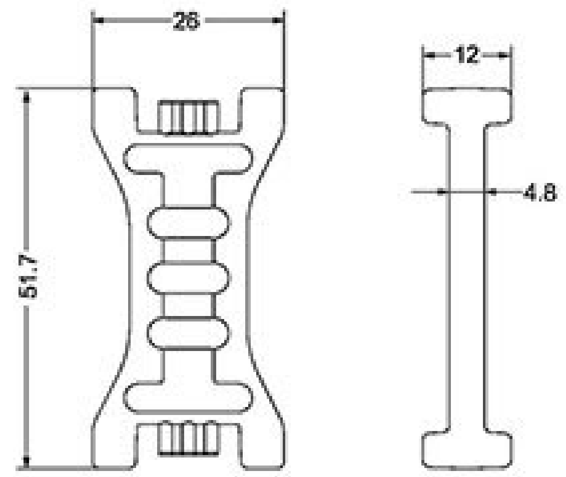
HF3875*B*T1

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

HF3875*B*T1*n 两端接头 On both brackets
HF3875*f*T1*n 固定端接头 Fixed bracket
HF3875*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.

HF38 拖链–隔离片
HF38 Cable Chain–Separate



HF38拖链隔离片编码：11224
The separator No. for HF38: 11224

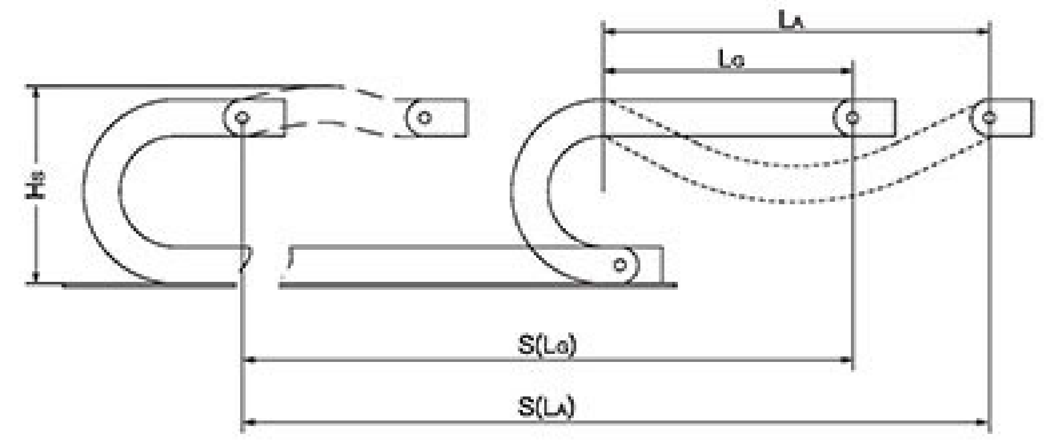
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，不可滑动

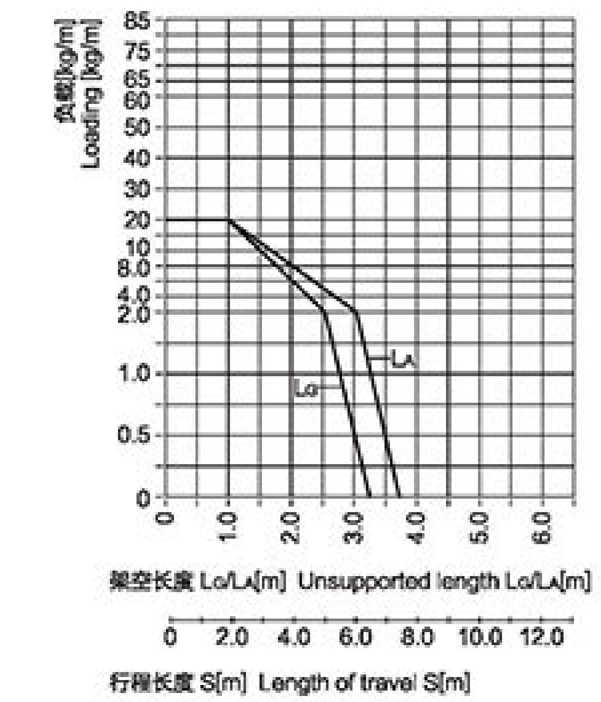
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical and horizontal separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

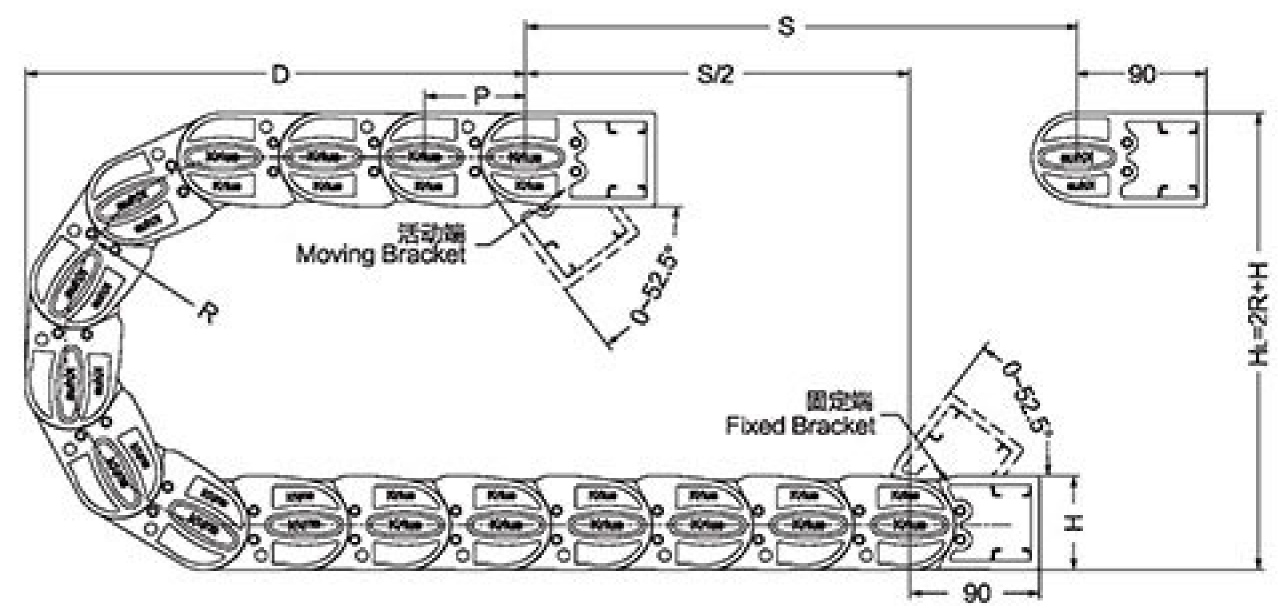
HQ38 拖链–安装尺寸及技术参数
HQ38 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	215 (8.46)	160 (6.30)	375 (14.76)	70 (2.76)
100 (3.94)	265 (10.43)	210 (8.27)	455 (17.91)	70 (2.76)
125 (4.92)	315 (12.40)	260 (10.24)	530 (20.87)	70 (2.76)
150 (5.91)	365 (14.37)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	465 (18.31)	410 (16.14)	770 (30.31)	70 (2.76)

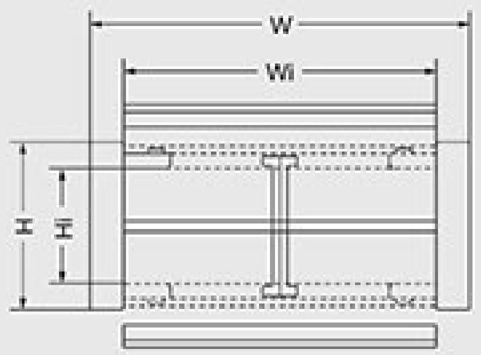
实际安装高度: $H_S=H_L+60mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=14（980mm）

The required clearance height: $H_S=H_L+2.36in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=14（38.58 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HQ38 拖链–产品规格范围
HQ38 Cable Chain–Product specifications

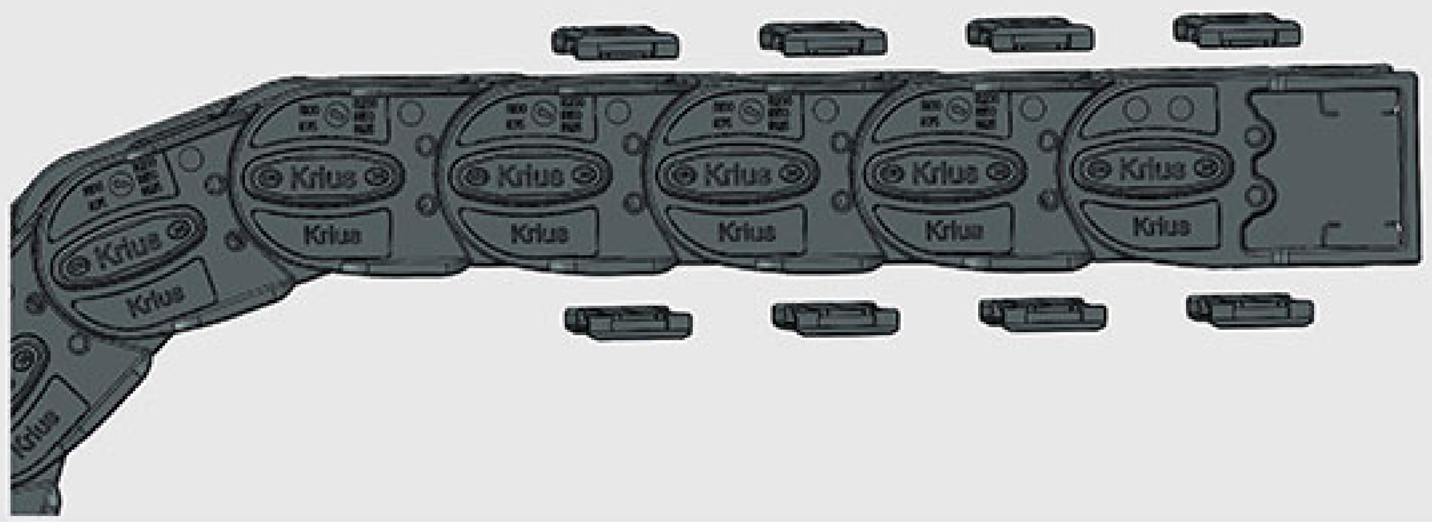
HQ38拖链–内外侧可开 HQ38 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

HQ3875*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)

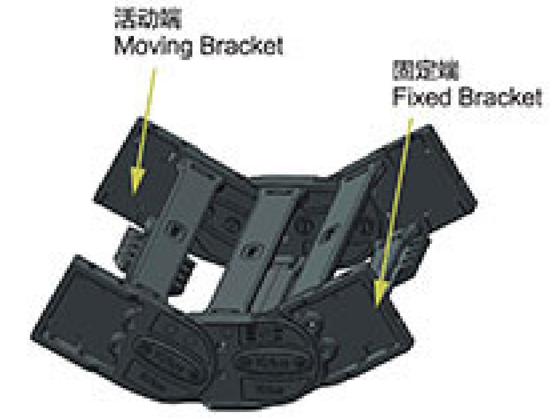


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
HQ3875			76 (2.99)		108 (4.26)	2.57 (1.75)	
HQ38100			101 (3.98)		133 (5.24)	2.72 (1.85)	
HQ38125			126 (4.96)		158 (6.22)	2.88 (1.96)	
HQ38150			151 (5.94)		183 (7.20)	3.05 (2.07)	
HQ38200		39.5 (1.56)	201 (7.91)	65 (2.56)	233 (9.17)	3.35 (2.28)	
HQ38250			251 (9.88)		283 (11.14)	3.66 (2.49)	
HQ38300			301 (11.85)		333 (13.11)	3.96 (2.69)	
HQ38350			351 (13.82)		383 (15.08)	4.29 (2.92)	
HQ38400			401 (15.79)		433 (17.05)	4.59 (3.12)	

订货范例 Order details **HQ3875 * R75 * 1000mm * 2**

R	Hı	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	215 (8.46)	160 (6.30)	375 (14.76)	70 (2.76)
100 (3.94)	265 (10.43)	210 (8.27)	455 (17.91)	70 (2.76)
125 (4.92)	315 (12.40)	260 (10.24)	530 (20.87)	70 (2.76)
150 (5.91)	365 (14.37)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	465 (18.31)	410 (16.14)	770 (30.31)	70 (2.76)

HQ38 拖链–拖链接头
HQ38 Cable Chain–Mounting Bracket

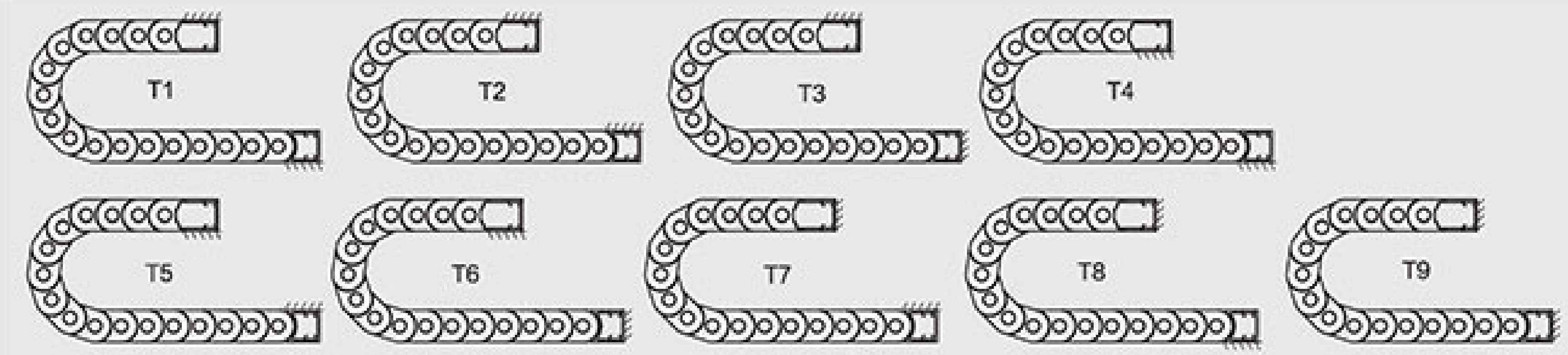


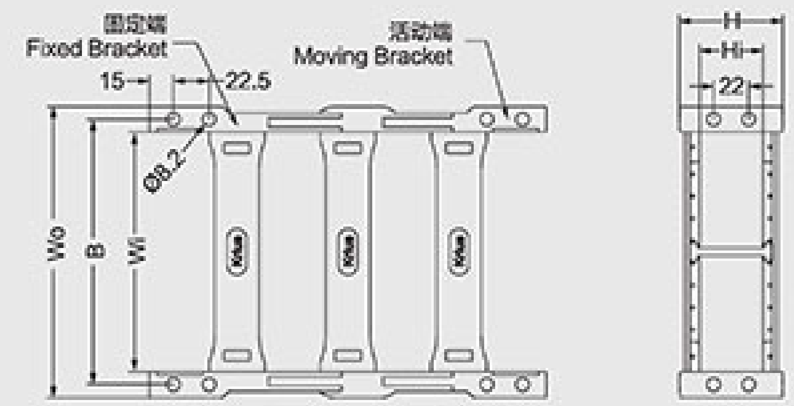
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti–corrosion, Rub–resistance
- Available preassembly form
- Can realize the internal and external connections

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





HQ3875/HQ38100
HQ38125/HQ38150
HQ38200/HQ38250
HQ38300/HQ38350
HQ38400

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
HQ3875	11226			108 (4.26)	92 (3.62)
HQ38100	11227	接头 Mounting Bracket	14127 14128	133 (5.24)	117 (4.61)
HQ38125	14082			158 (6.22)	142 (5.59)
HQ38150	11228	主体 Main Body	11222	183 (7.20)	167 (6.57)
HQ38200	11229			233 (9.17)	217 (8.54)
HQ38250	11230	隔离片 Separator	11225	283 (11.14)	267 (10.51)
HQ38300	11231			333 (13.11)	317 (12.48)
HQ38350	11232	固定片 Fixed Plate	11223	383 (15.08)	367 (14.45)
HQ38400	11233			433 (17.05)	417 (16.42)

产品代码结构 Part Number Structure

HQ3875*B*T1

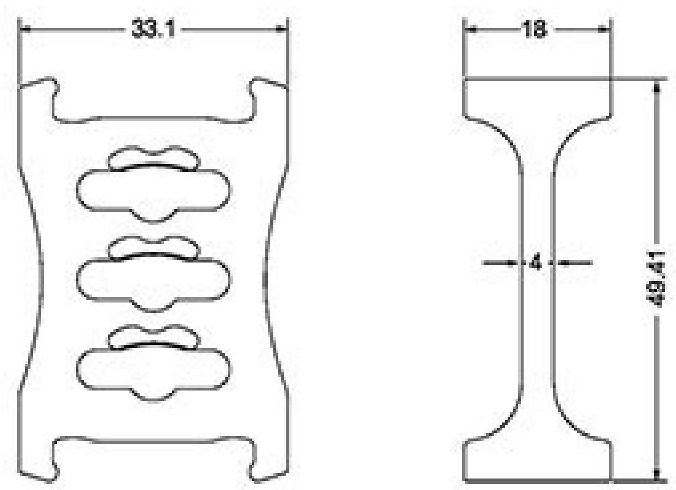
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

HQ3875*B*T1*n 两端接头 On both brackets
HQ3875*f*T1*n 固定端接头 Fixed bracket
HQ3875*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.

HQ38拖链 HQ38 Cable Chain

HQ38 拖链–隔离片
HQ38 Cable Chain–Separator



HQ38拖链隔离片编码：11225
The separator No. for HQ38: 11225

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 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，可以根据线缆排布进行滑动

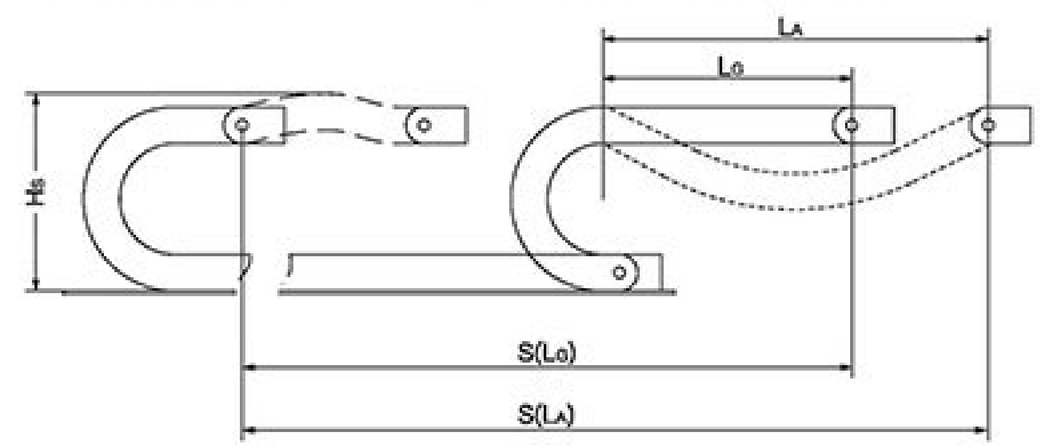
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

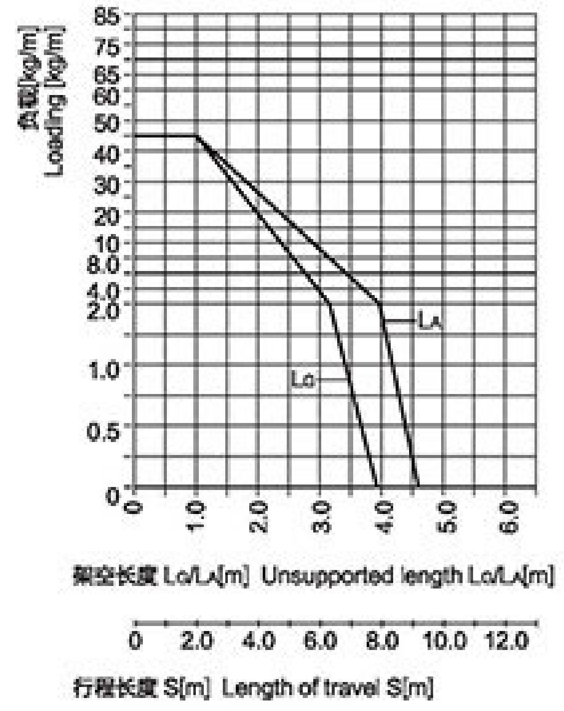
HF48 拖链–安装尺寸及技术参数
HF48 Cable Chain–Installation Dimensions and Technical Parameters

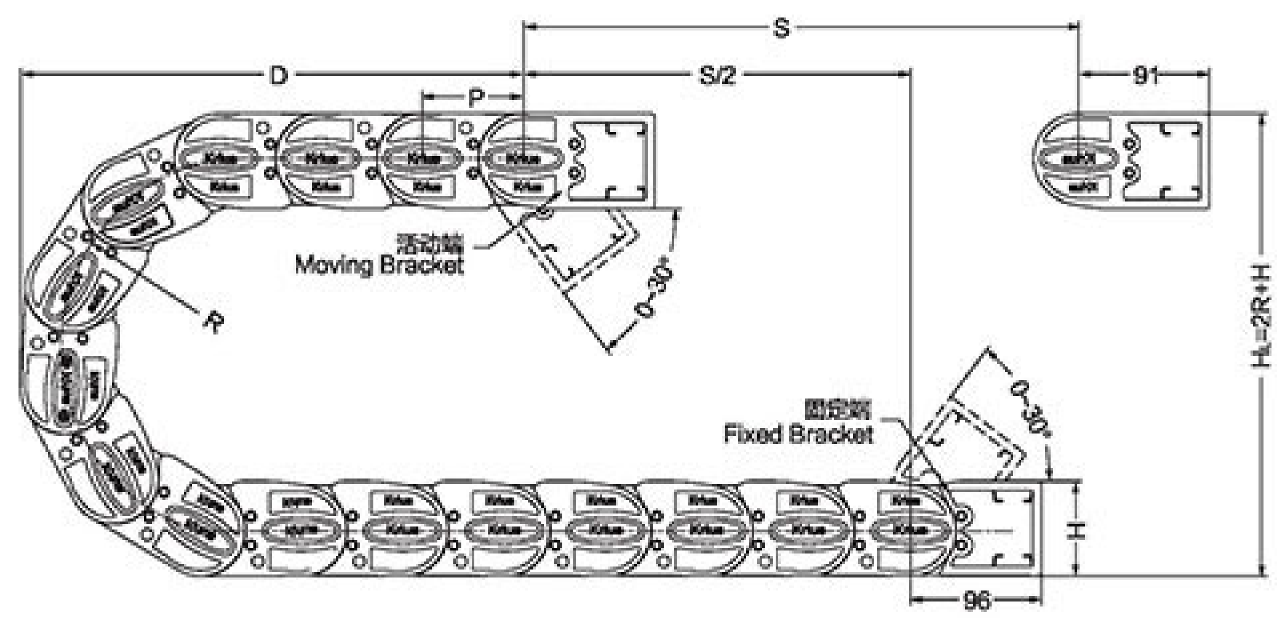
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	375 (14.76)	310 (12.20)	620 (24.41)	80 (3.15)
200 (7.87)	475 (18.70)	410 (16.14)	780 (30.71)	80 (3.15)
250 (9.84)	575 (22.64)	510 (20.08)	935 (36.81)	80 (3.15)
280 (11.02)	635 (25)	570 (22.44)	1030 (40.55)	80 (3.15)
400 (15.75)	875 (34.45)	810 (31.89)	1405 (55.31)	80 (3.15)

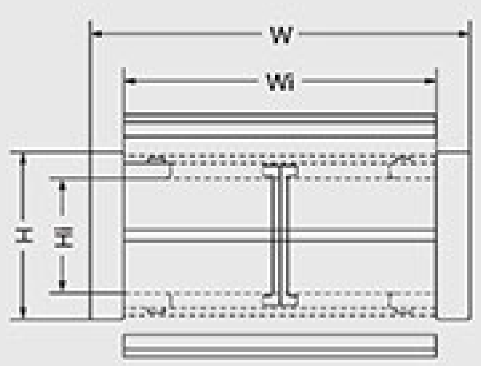
实际安装高度: H_S=H_L+60mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=13（1040mm）

The required clearance height: H_S=H_L+2.36in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=13（40.94 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HF48 拖链–产品规格范围
HF48 Cable Chain–Product specifications

HF48拖链–内外侧可开 HF48 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

HF4875*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 (ibs/ft)	
HF48150		48.8 (1.92)	151 (5.94)	74 (2.91)	185 (7.28)	4.76 (3.24)	
HF48200			201 (7.91)		235 (9.25)	5.23 (3.56)	
HF48300			301 (11.85)		335 (13.19)	6.20 (4.22)	

订货范例
Order details

HF48150 * R150 * 1000mm * 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	375 (14.76)	310 (12.20)	620 (24.41)	80 (3.15)
200 (7.87)	475 (18.70)	410 (16.14)	780 (30.71)	80 (3.15)
250 (9.84)	575 (22.64)	510 (20.08)	935 (36.81)	80 (3.15)
280 (11.02)	635 (25)	570 (22.44)	1030 (40.55)	80 (3.15)
400 (15.75)	875 (34.45)	810 (31.89)	1405 (55.31)	80 (3.15)

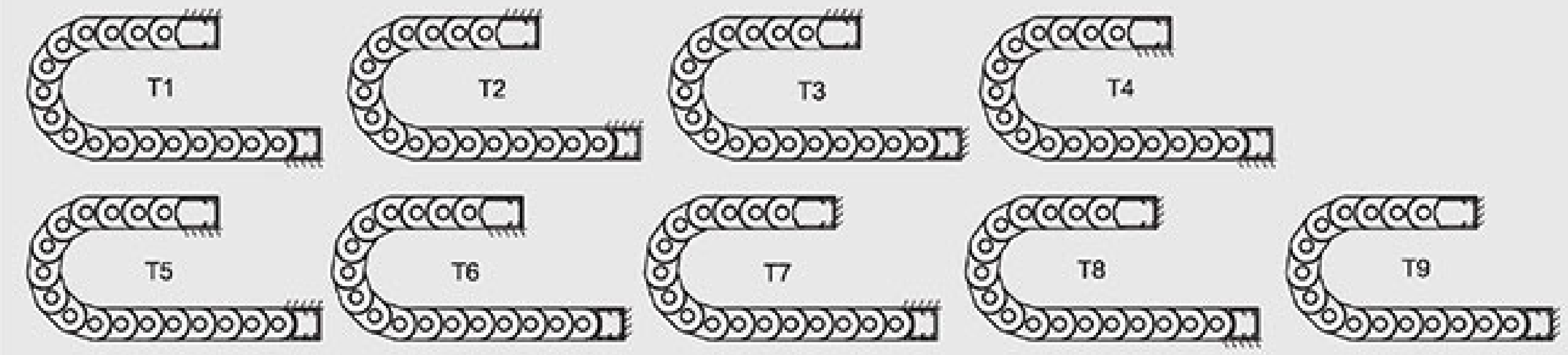
HF48 拖链–拖链接头
HF48 Cable Chain–Mounting Bracket

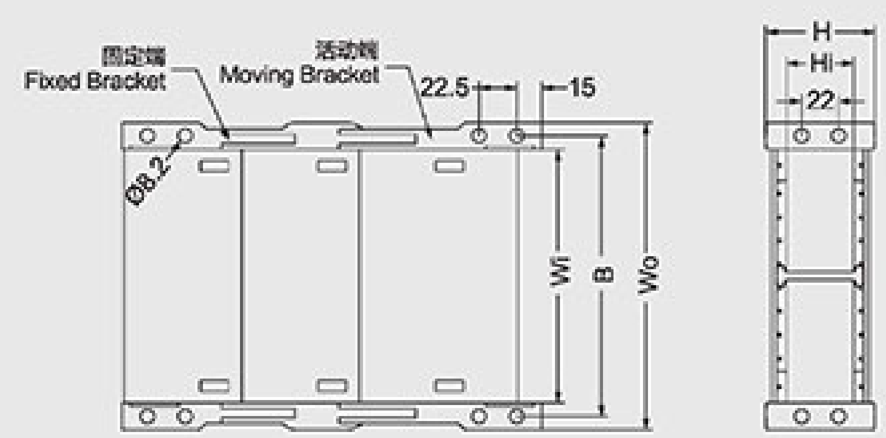
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀＆耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti–corrosion, Rub–resistance
- Available preassembly form
- Can realize the internal and external connections

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





HF48150
HF48200
HF48300

拖链型号 Type	拖链编码 Code	其他编码 Other Code				Wo尺寸 Dimension Wo	B尺寸 Dimension B
						mm (in.)	mm (in.)
HF48150	11240	接头 Mounting Bracket	14129	隔离片 Separator	11238	185 (7.28)	167 (6.57)
HF48200	11241		14130			235 (9.25)	217 (8.54)
HF48300	11242	主体 Main Body	11236	固定片 Fixed Plate	11237	335 (13.19)	317 (12.48)

产品代码结构 Part Number Structure

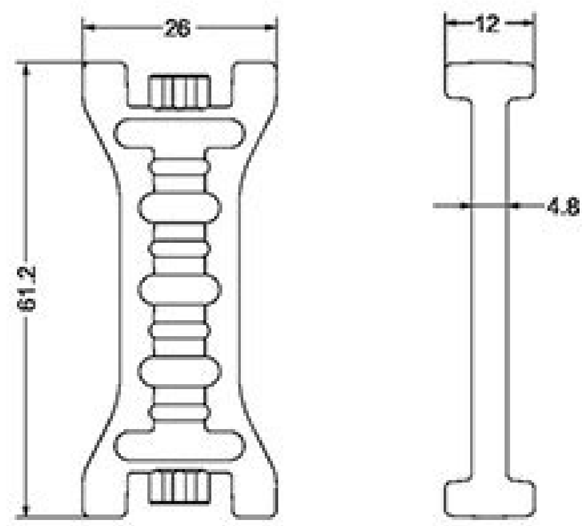
HF48150*B*T1

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

HF48150*B*T1*n	两端接头 On both brackets
HF48150*f*T1*n	固定端接头 Fixed bracket
HF48150*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.

HF48 拖链-隔离片
HF48 Cable Chain-Separator



HF48拖链隔离片编码：11238
The separator No. for HF48: 11238

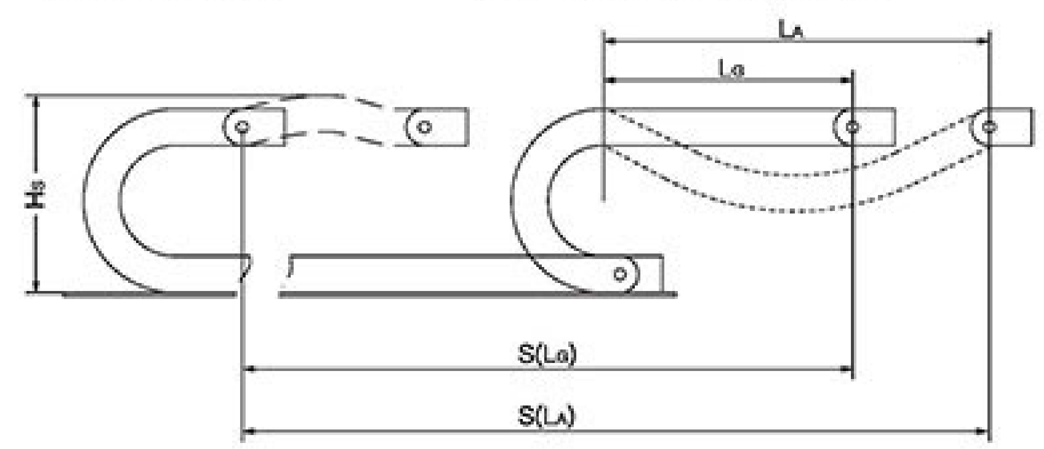
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，不可滑动

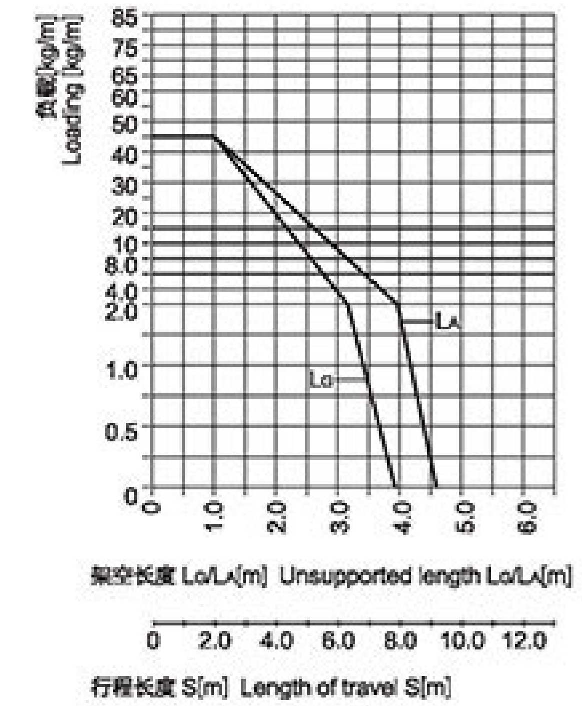
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

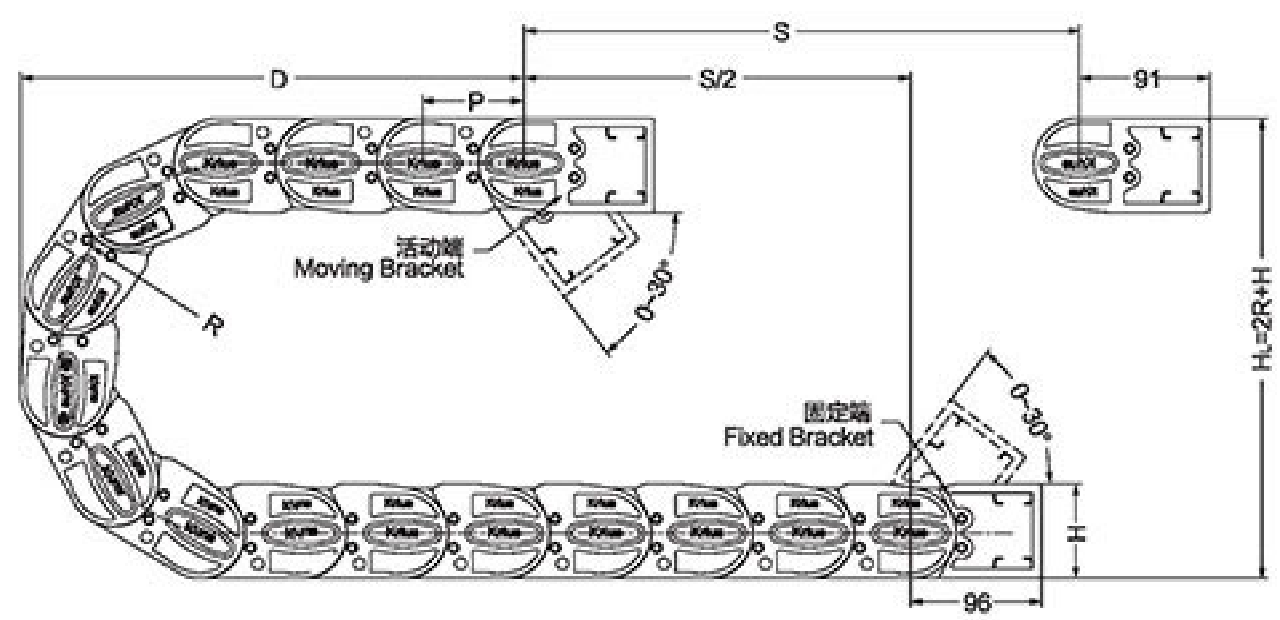
HQ48 拖链-安装尺寸及技术参数
HQ48 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	375 (14.76)	310 (12.20)	620 (24.41)	80 (3.15)
200 (7.87)	475 (18.70)	410 (16.14)	780 (30.71)	80 (3.15)
250 (9.84)	575 (22.64)	510 (20.08)	935 (36.81)	80 (3.15)
280 (11.02)	635 (25)	570 (22.44)	1030 (40.55)	80 (3.15)
400 (15.75)	875 (34.45)	810 (31.89)	1405 (55.31)	80 (3.15)

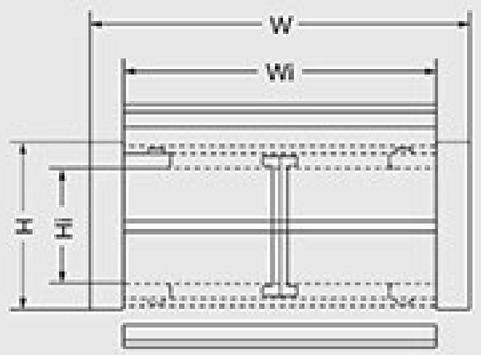
实际安装高度: $H_S=H_L+65mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=13（1040mm）

The required clearance height: $H_S=H_L+2.56in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=13（40.94 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HQ48 拖链-产品规格范围
HQ48 Cable Chain-Product specifications

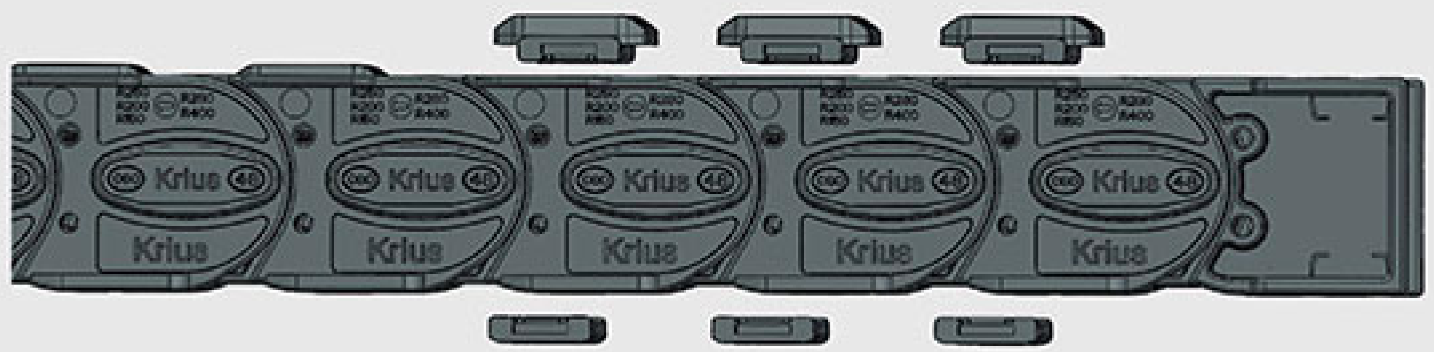
HQ48拖链-内外侧可开 HQ48 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

HQ4875*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)

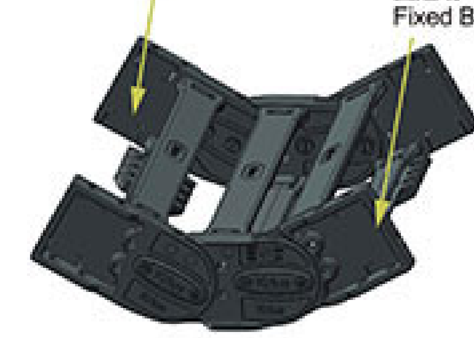


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
HQ4875		48.8 (1.92)	76 (2.99)	74 (2.91)	110 (4.33)	2.98 (2.03)	
HQ48100			101 (3.98)		135 (5.31)	3.08 (2.09)	
HQ48125			126 (4.96)		160 (6.30)	3.24 (2.20)	
HQ48150			151 (5.94)		185 (7.27)	3.40 (2.31)	
HQ48200			201 (7.91)		235 (9.25)	3.66 (2.49)	
HQ48250			251 (9.88)		285 (11.22)	4.03 (2.74)	
HQ48300			301 (11.85)		335 (13.18)	4.18 (2.84)	
HQ48350			351 (13.82)		385 (15.15)	4.46 (3.03)	
HQ48400			401 (15.79)		435 (17.13)	4.70 (3.20)	

订货范例 Order details **HQ4875 * R150 * 1000mm * 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	375 (14.76)	310 (12.20)	620 (24.41)	80 (3.15)
200 (7.87)	475 (18.70)	410 (16.14)	780 (30.71)	80 (3.15)
250 (9.84)	575 (22.64)	510 (20.08)	935 (36.81)	80 (3.15)
280 (11.02)	635 (25)	570 (22.44)	1030 (40.55)	80 (3.15)
400 (15.75)	875 (34.45)	810 (31.89)	1405 (55.31)	80 (3.15)

HQ48 拖链-拖链接头
HQ48 Cable Chain-Mounting Bracket

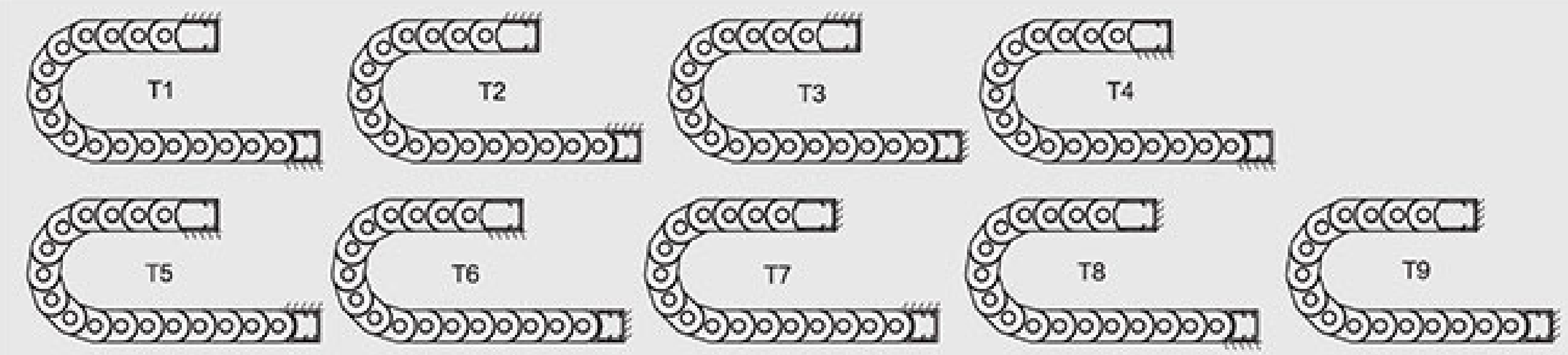


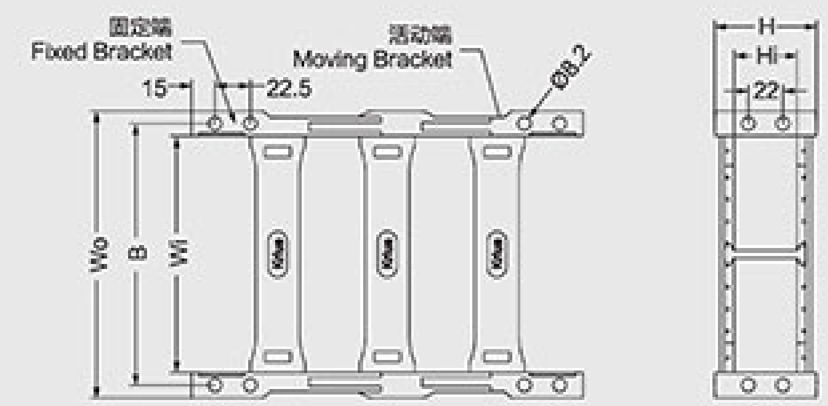
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀&耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





HQ4875/HQ48100
HQ48125/HQ48150
HQ48200/HQ48250
HQ48300/HQ48350
HQ48400

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
HQ4875	11226	接头 Mounting Bracket 14129 14130; 隔离片 Separator 11239; 主体 Main Body 11236; 固定片 Fixed Plate 11237	110 (4.33)	92 (3.62)
HQ48100	11227		135 (5.31)	117 (4.61)
HQ48125	14082		160 (6.30)	142 (5.59)
HQ48150	11228		185 (7.27)	167 (6.57)
HQ48200	11229		235 (9.25)	217 (8.54)
HQ48250	11230		285 (11.22)	267 (10.51)
HQ48300	11231		335 (13.18)	317 (12.48)
HQ48350	11232		385 (15.15)	367 (14.45)
HQ48400	11233		435 (17.13)	417 (16.42)

产品代码结构 Part Number Structure

HQ4875*B*T1

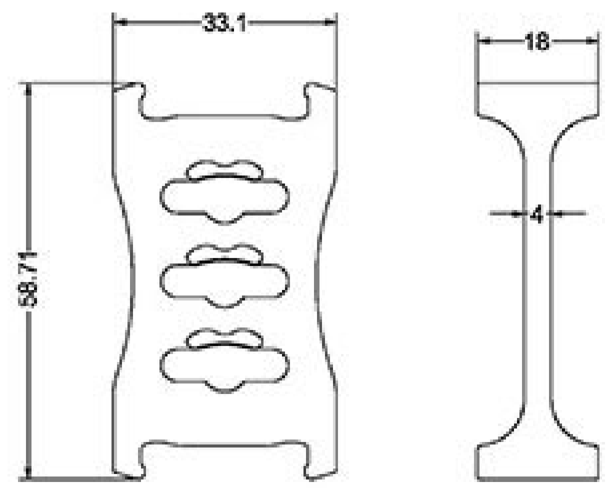
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

HQ4875*B*T1*n 两端接头 On both brackets
HQ4875*f*T1*n 固定端接头 Fixed bracket
HQ4875*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.

HQ48拖链 HQ48 Cable Chain

HQ48 拖链-隔离片
HQ48 Cable Chain-Separator



HQ48拖链隔离片编码：11239
The separator No. for HQ48: 11239

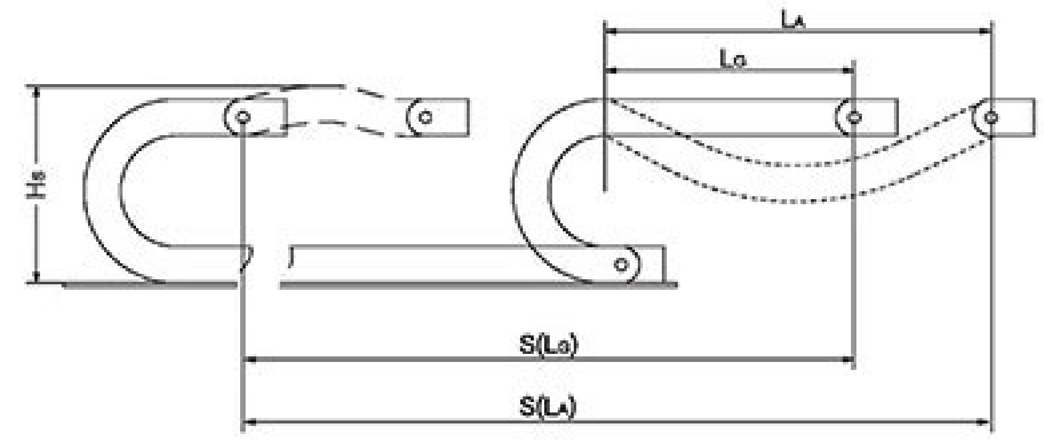
- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

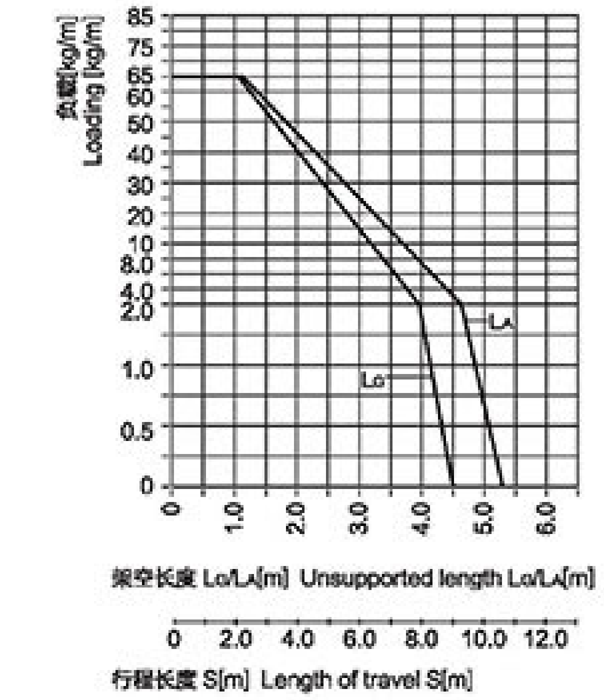
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

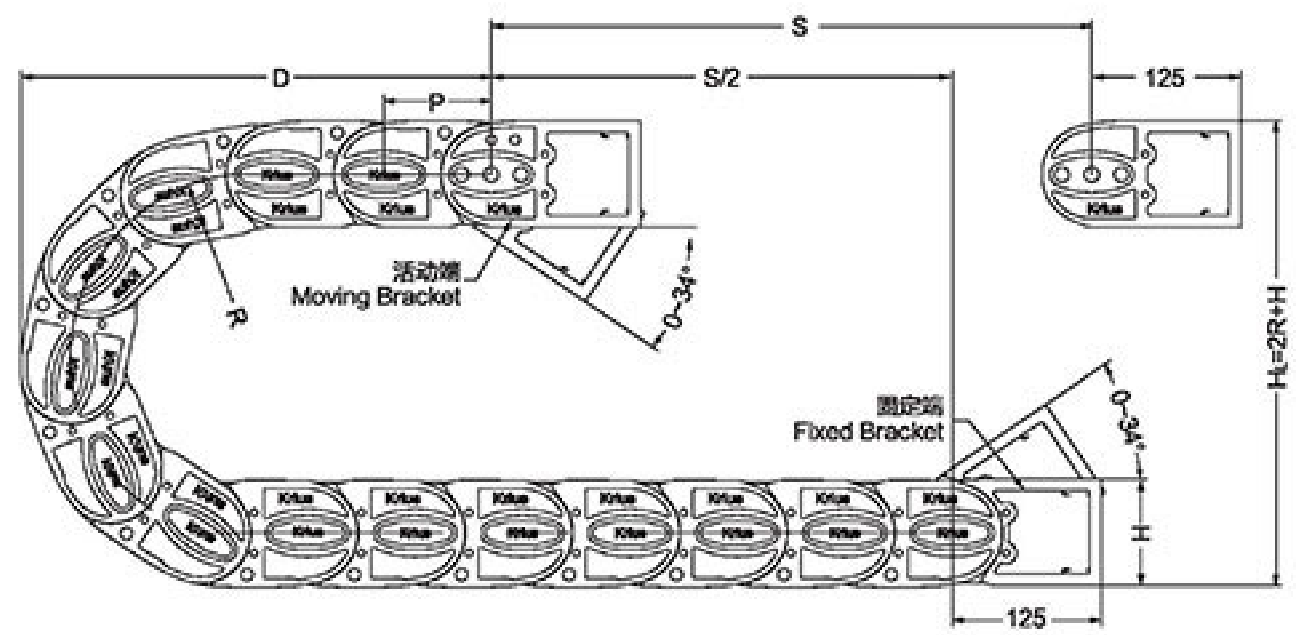
HF58 拖链-安装尺寸及技术参数
HF58 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全垂度架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	490 (19.29)	410 (16.14)	810 (31.89)	90 (3.54)
250 (9.84)	590 (23.23)	510 (20.08)	965 (37.99)	90 (3.54)
300 (11.81)	690 (27.17)	610 (24.02)	1120 (44.09)	90 (3.54)
400 (15.75)	890 (35.04)	810 (31.89)	1435 (56.50)	90 (3.54)

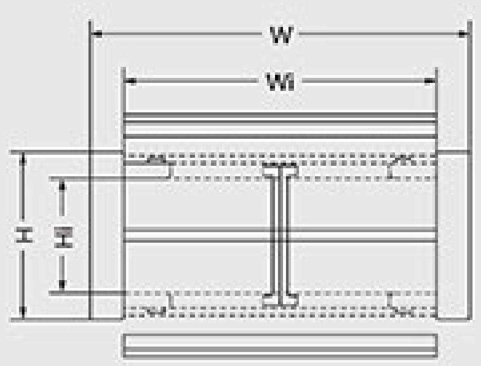
实际安装高度: $H_S=H_L+85mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=11（990mm）

The required clearance height: $H_S=H_L+3.35in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=11（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HF58 拖链–产品规格范围
HF58 Cable Chain–Product specifications

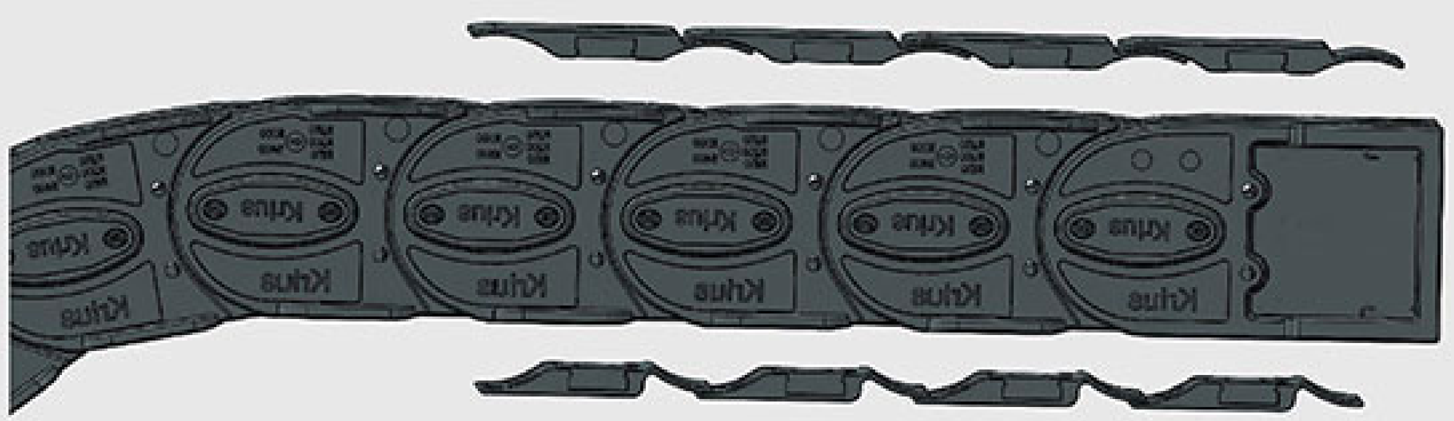
HF58拖链–内外侧可开 HF58 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

HF58150*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 (ibs/ft)	
HF58150		59.5 (2.34)	150.2 (5.91)	89.8 (3.54)	190.2 (7.49)	4.47 (3.04)	
HF58200			200.2 (7.88)		240.2 (9.46)	5.33 (3.62)	
HF58250			250.2 (9.85)		290.2 (11.43)	5.86 (3.98)	
HF58300			300.2 (11.82)		340.2 (13.39)	6.39 (4.35)	

订货范例 Order details **HF58150 * R200 * 1000mm * 2**

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	490 (19.29)	410 (16.14)	810 (31.89)	90 (3.54)
250 (9.84)	590 (23.23)	510 (20.08)	965 (37.99)	90 (3.54)
300 (11.81)	690 (27.17)	610 (24.02)	1120 (44.09)	90 (3.54)
400 (15.75)	890 (35.04)	810 (31.89)	1435 (56.50)	90 (3.54)

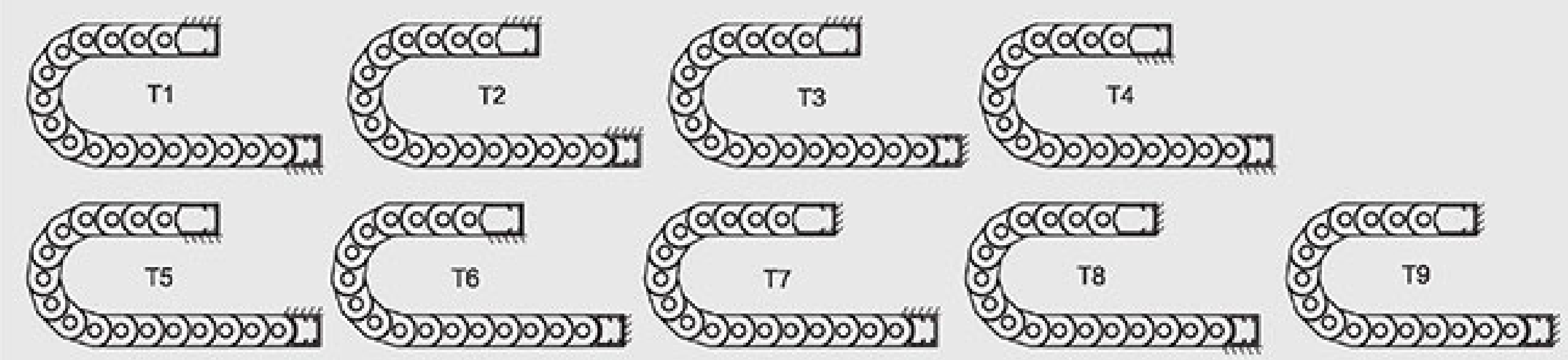
HF58 拖链–拖链接头
HF58 Cable Chain–Mounting Bracket

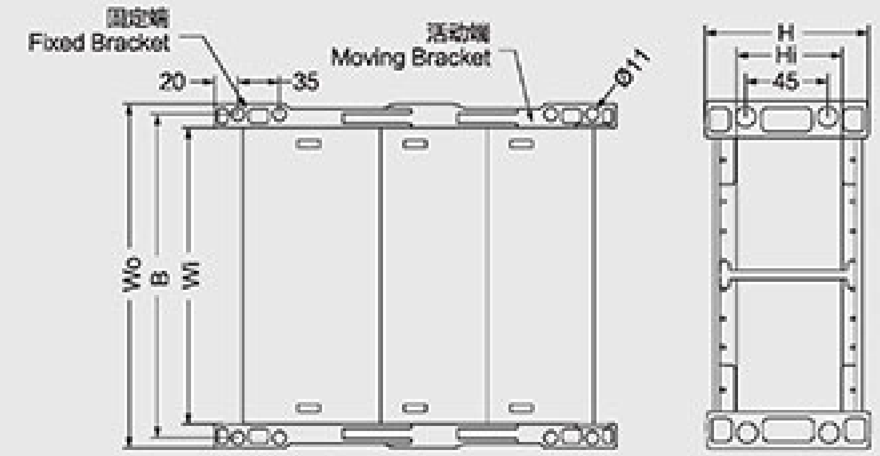
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀＆耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti–corrosion, Rub–resistance
- Available preassembly form
- Can realize the internal and external connections

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





HF58150
HF58200
HF58250
HF58300

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm(in.)	mm (in.)
HF58150	11247	接头 Mounting Bracket 14131 14132; 隔离片 Separator 11245; 主体 Main Body 11243; 固定片 Fixed Plate 11244	190.2 (7.49)	173.2 (6.82)
HF58200	11248		240.2 (9.46)	223.2 (8.79)
HF58250	11249		290.2 (11.43)	273.2 (10.76)
HF58300	11250		340.2 (13.39)	323.2 (12.72)

产品代码结构 Part Number Structure

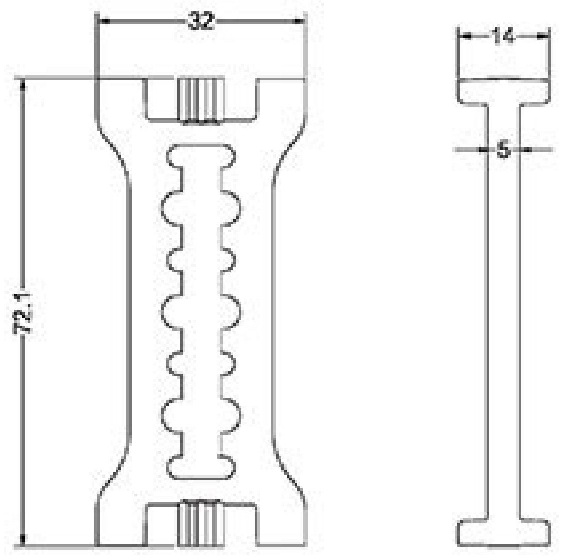
HF58150*B*T1

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

HF58150*B*T1*n	两端接头 On both brackets
HF58150*f*T1*n	固定端接头 Fixed Bracket
HF58150*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.

HF58 拖链–隔离片
HF58 Cable Chain–Separator



HF58拖链隔离片编码：11245
The separator No. for HF58: 11245

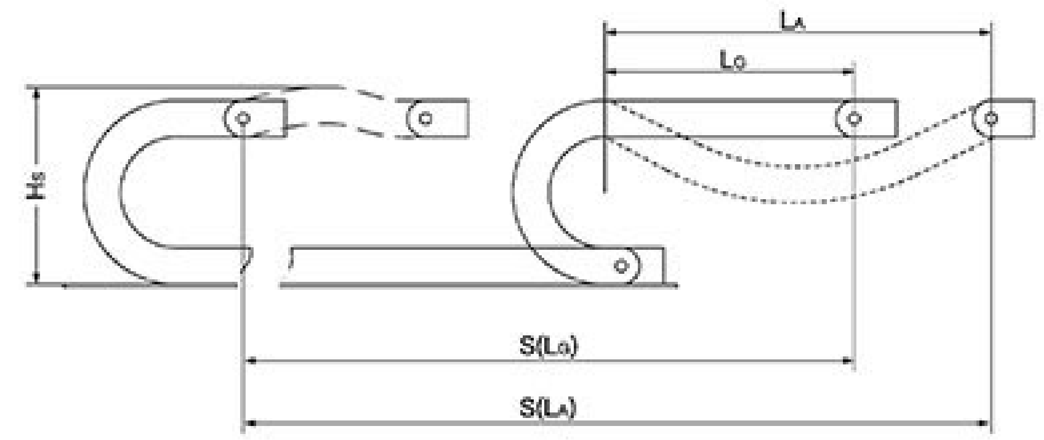
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，不可滑动

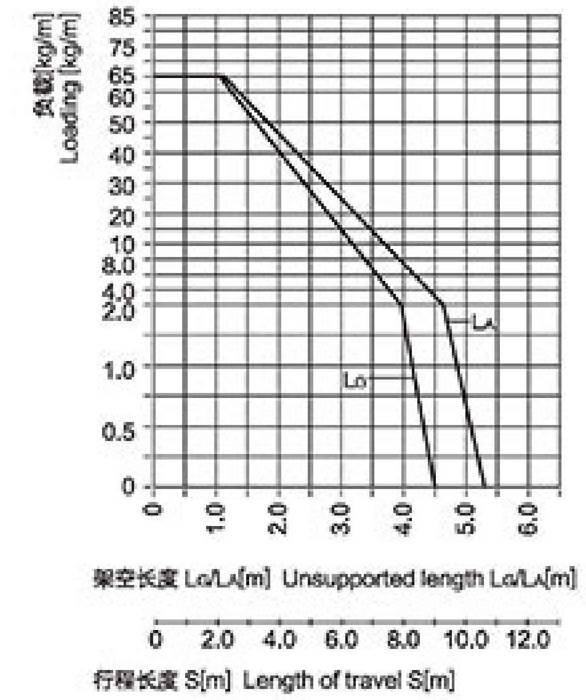
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

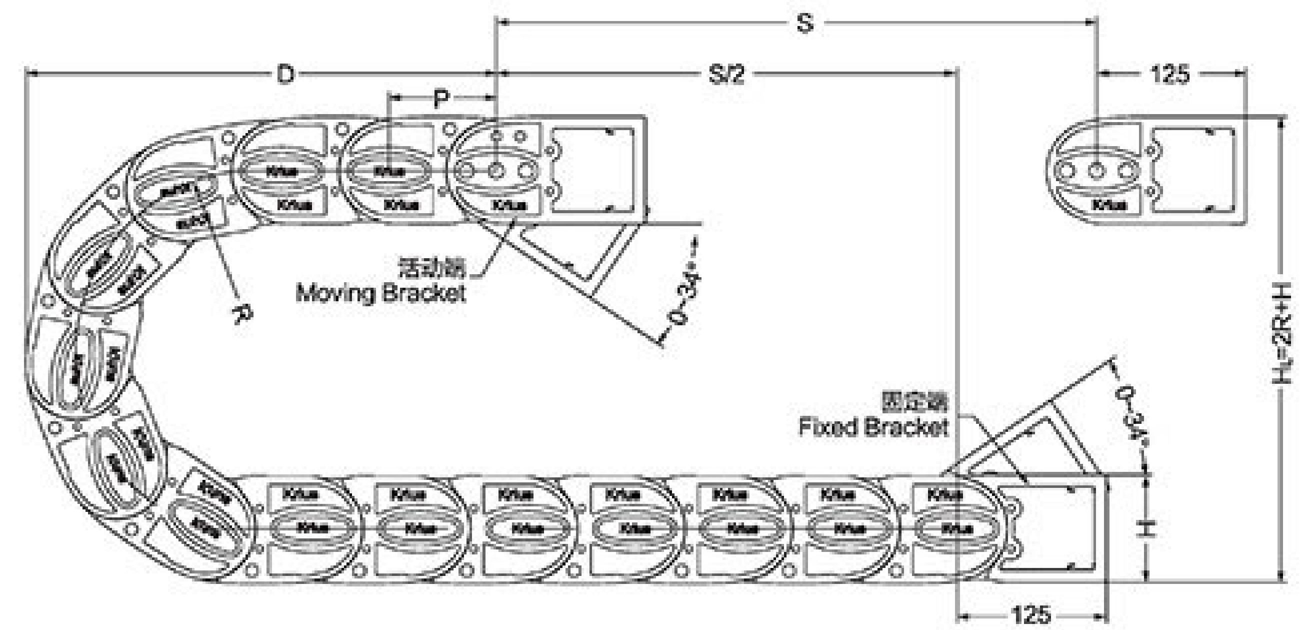
HQ58 拖链–安装尺寸及技术参数
HQ58 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	390 (15.35)	310 (12.20)	650 (25.59)	90 (3.54)
200 (7.87)	490 (19.29)	410 (16.14)	810 (31.89)	90 (3.54)
250 (9.84)	590 (23.23)	510 (20.08)	965 (37.99)	90 (3.54)
300 (11.81)	690 (27.17)	610 (24.02)	1120 (44.09)	90 (3.54)
400 (15.75)	890 (35.04)	810 (31.89)	1435 (56.50)	90 (3.54)

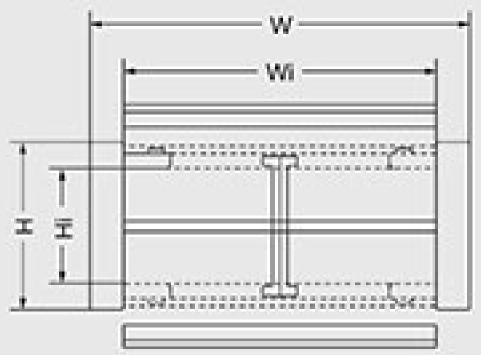
实际安装高度: $H_S=H_L+85mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=11（990mm）

The required clearance height: $H_S=H_L+3.35in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=11（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HQ58 拖链–产品规格范围
HQ58 Cable Chain–Product specifications

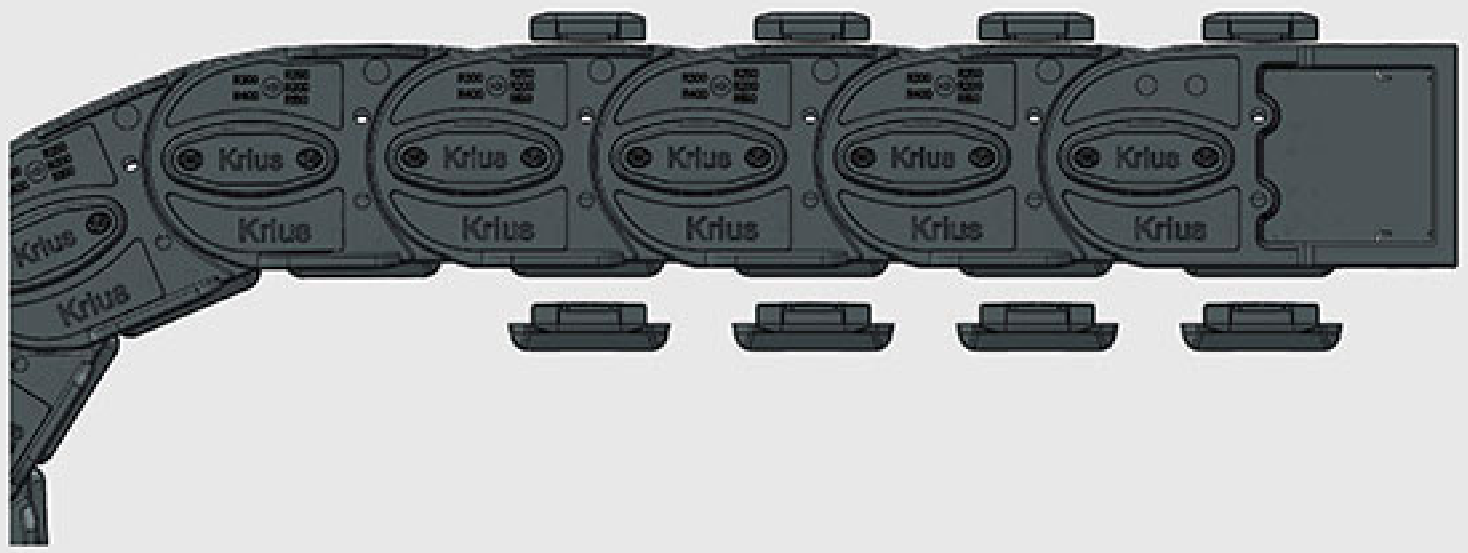
HQ58拖链–内外侧可开 HQ58 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

HQ58100*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)



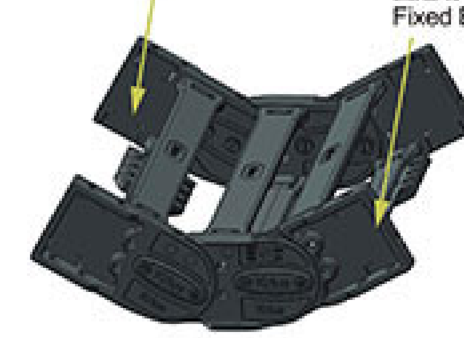
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
HQ58100		59.5 (2.34)	100.2 (3.94)	89.8 (3.54)	140.2 (5.52)	3.85 (2.62)	
HQ58125			125.2 (4.93)		165.2 (6.50)	4.00 (2.72)	
HQ58150			150.2 (5.91)		190.2 (7.49)	4.10 (2.79)	
HQ58200			200.2 (7.88)		240.2 (9.46)	4.45 (3.03)	
HQ58250			250.2 (9.85)		290.2 (11.43)	4.71 (3.20)	
HQ58300			300.2 (11.82)		340.2 (13.39)	5.04 (3.43)	
HQ58350			350.2 (13.79)		390.2 (15.36)	5.40 (3.67)	
HQ58400			400.2 (15.76)		440.2 (17.33)	5.63 (3.83)	

订货范例
Order details

HQ58100 * R150 * 1000mm * 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	390 (15.35)	310 (12.20)	650 (25.59)	90 (3.54)
200 (7.87)	490 (19.29)	410 (16.14)	810 (31.89)	90 (3.54)
250 (9.84)	590 (23.23)	510 (20.08)	965 (37.99)	90 (3.54)
300 (11.81)	690 (27.17)	610 (24.02)	1120 (44.09)	90 (3.54)
400 (15.75)	890 (35.04)	810 (31.89)	1435 (56.50)	90 (3.54)

HQ58 拖链–拖链接头
HQ58 Cable Chain–Mounting Bracket

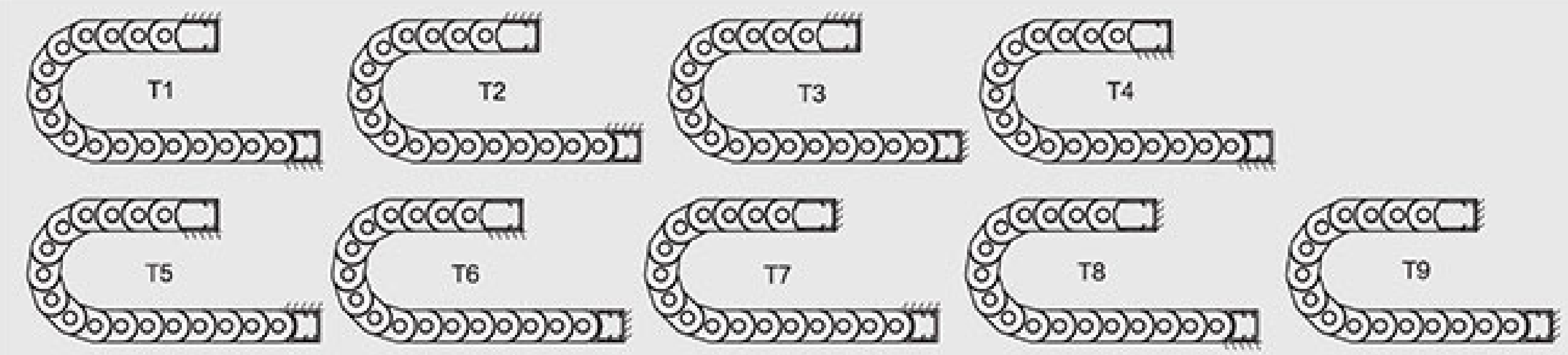


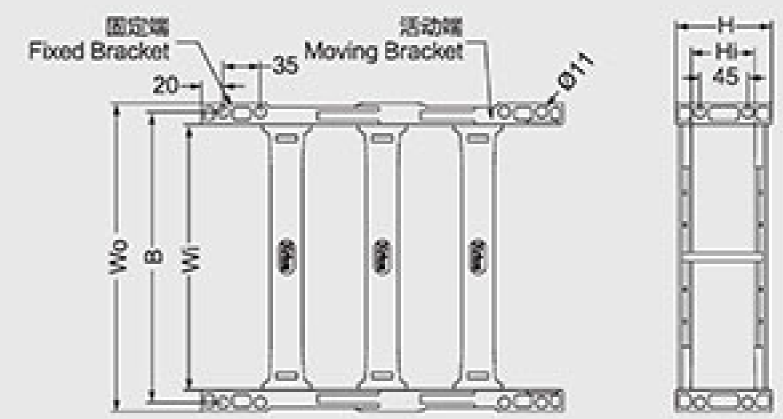
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





HQ58100/HQ58125
HQ58150/HQ58200
HQ58250/HQ58300
HQ58350/HQ58400

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
HQ58100	11200	接头 Mounting Bracket 14131 14132; 隔离片 Separator 11246; 主体 Main Body 11243; 固定片 Fixed Plate 11244	140.2 (5.52)	123.2 (4.85)
HQ58125	11255		165.2 (6.50)	148.2 (5.83)
HQ58150	11201		190.2 (7.49)	173.2 (6.82)
HQ58200	11191		240.2 (9.46)	223.2 (8.79)
HQ58250	11202		290.2 (11.43)	273.2 (10.76)
HQ58300	11203		340.2 (13.39)	323.2 (12.72)
HQ58350	11204		390.2 (15.36)	373.2 (14.69)
HQ58400	11205		440.2 (17.33)	423.2 (16.66)

产品代码结构 Part Number Structure

HQ58100*B*T1

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

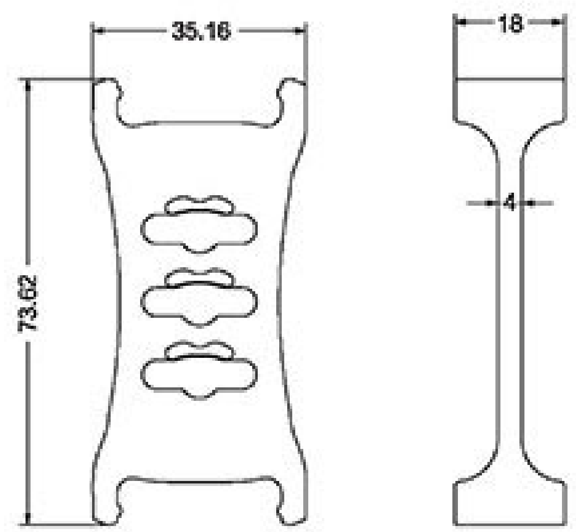
HQ58100*B*T1*n 两端接头 On both brackets

HQ58100*f*T1*n 固定端接头 Fixed bracket

HQ58100*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.

HQ58 拖链–隔离片
HQ58 Cable Chain–Separator



HQ58拖链隔离片编码：11246
The separator No. for HQ58: 11246

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 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，可以根据线缆排布进行滑动

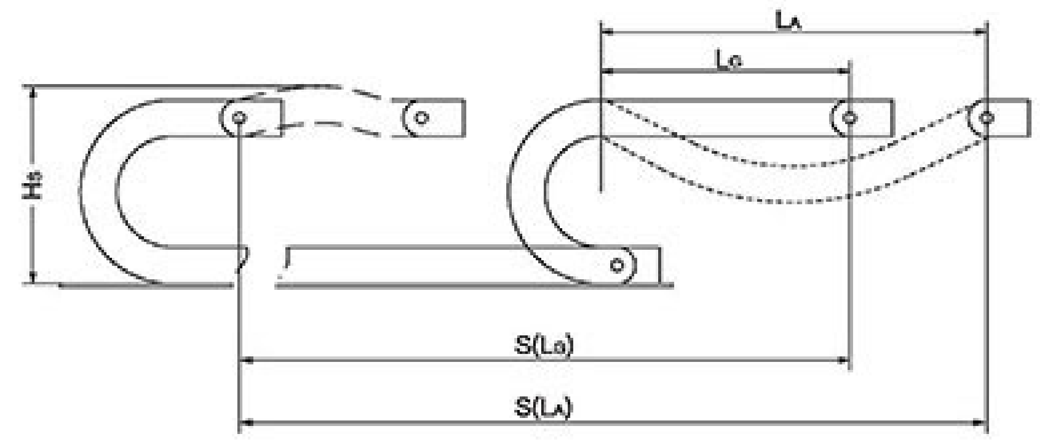
- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

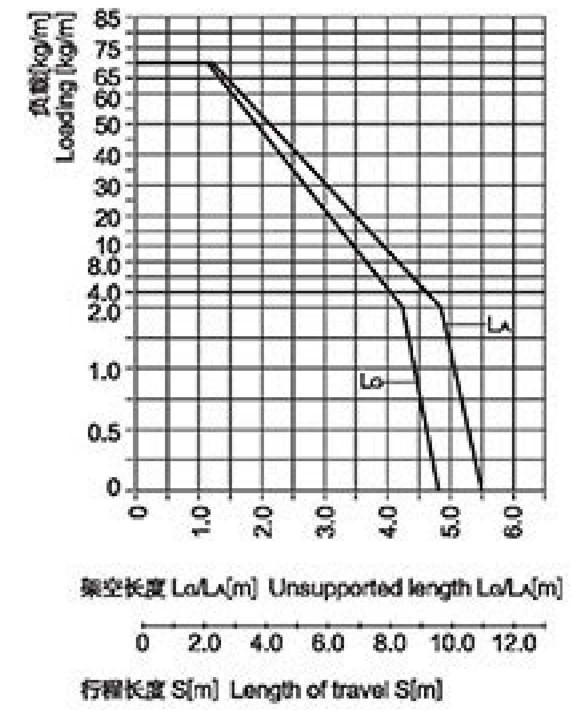
HQ58 拖链 HQ58 Cable Chain

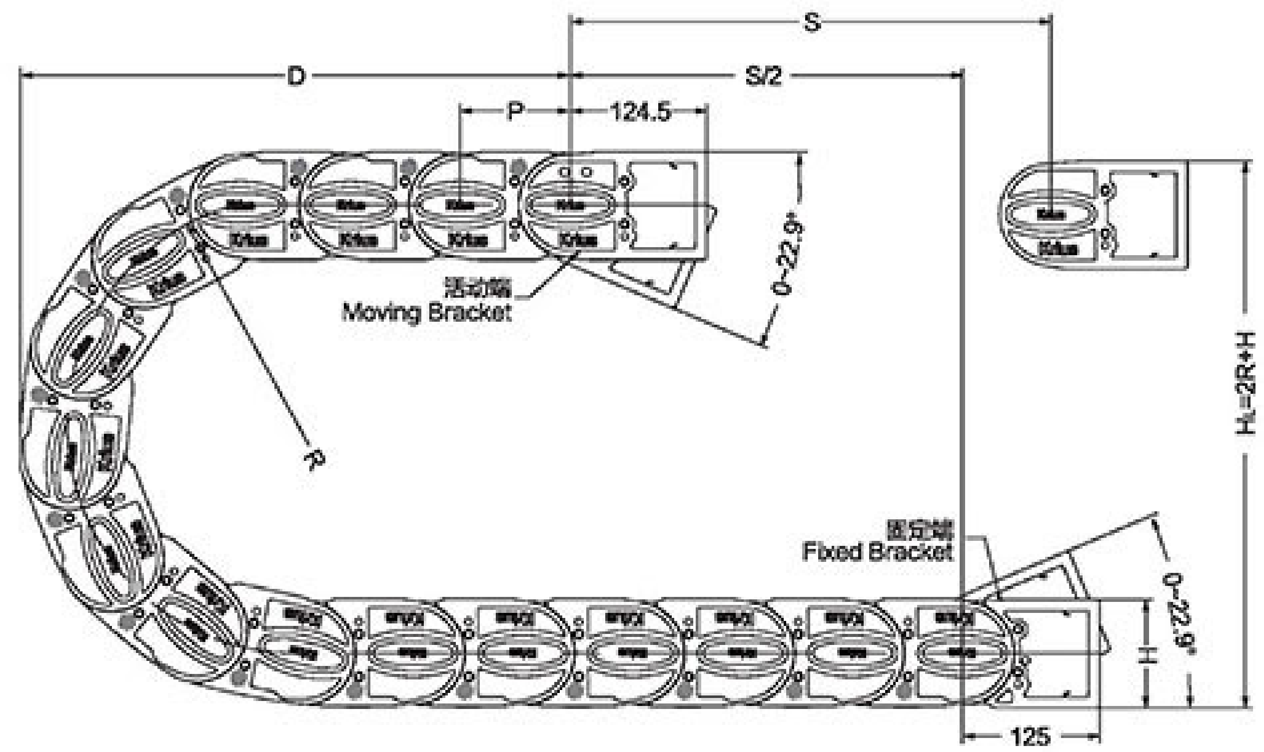
HF68 拖链–安装尺寸及技术参数
HF68 Cable Chain–Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	498.5 (19.63)	410 (16.14)	810 (32.48)	100 (3.94)
250 (9.84)	598.5 (23.56)	510 (20.08)	980 (38.58)	100 (3.94)
300 (11.81)	698.5 (27.50)	610 (24.02)	1140 (44.88)	100 (3.94)
400 (15.75)	898.5 (35.37)	810 (31.89)	1455 (57.28)	100 (3.94)
500 (19.69)	1098.5 (43.25)	1010 (39.76)	1765 (69.49)	100 (3.94)

实际安装高度: Hs=HL+95mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=10（1000mm）

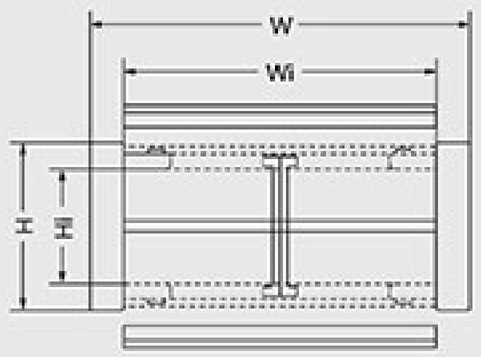
The required clearance height: Hs=HL+3.74in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=10（39.37 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]C
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料–允许温度℃	Material–permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HF68 拖链 HF68 Cable Chain

HF68 拖链-产品规格范围
HF68 Cable Chain-Product specifications

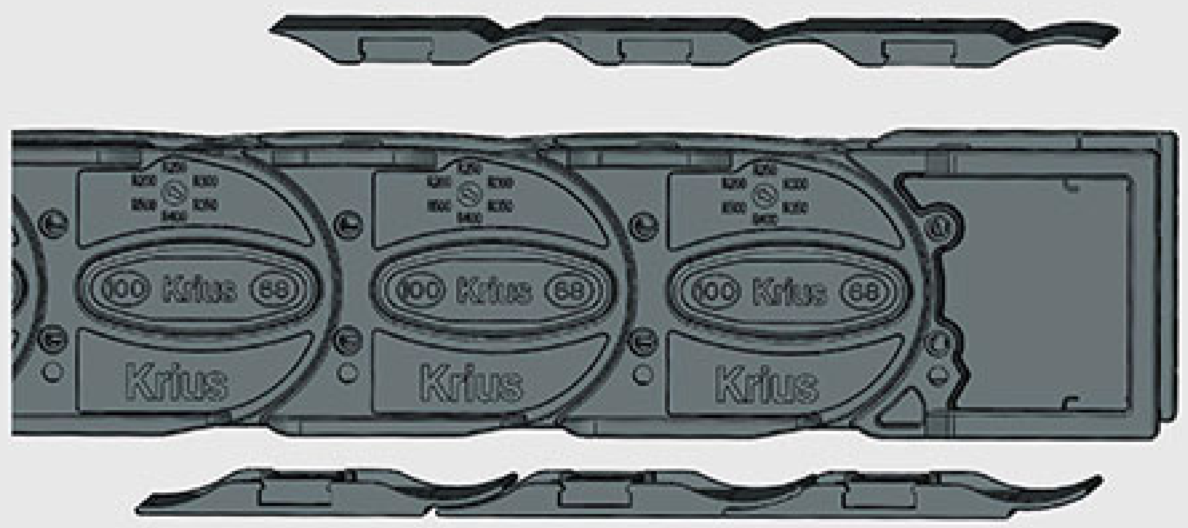
HF68拖链-内外侧可开 HF68 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

HF68150*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 (ibs/ft)	
HF68130		68 (2.68)	130.2 (5.13)	98.5 (3.88)	173.4 (6.83)	5.85 (3.98)	
HF68150			150.2 (5.91)		193.4 (7.62)	6.00 (4.08)	
HF68200			200.2 (7.88)		243.4 (9.58)	6.55 (4.45)	
HF68300			300.2 (11.82)		343.4 (13.52)	8.50 (5.78)	

订货范例
Order details

HF68150 * R200 * 1000mm * 2

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	498.5 (19.63)	410 (16.14)	810 (32.48)	100 (3.94)
250 (9.84)	598.5 (23.56)	510 (20.08)	980 (38.58)	100 (3.94)
300 (11.81)	698.5 (27.50)	610 (24.02)	1140 (44.88)	100 (3.94)
400 (15.75)	898.5 (35.37)	810 (31.89)	1455 (57.28)	100 (3.94)
500 (19.69)	1098.5 (43.25)	1010 (39.76)	1765 (69.49)	100 (3.94)

HF68 拖链 HF68 Cable Chain

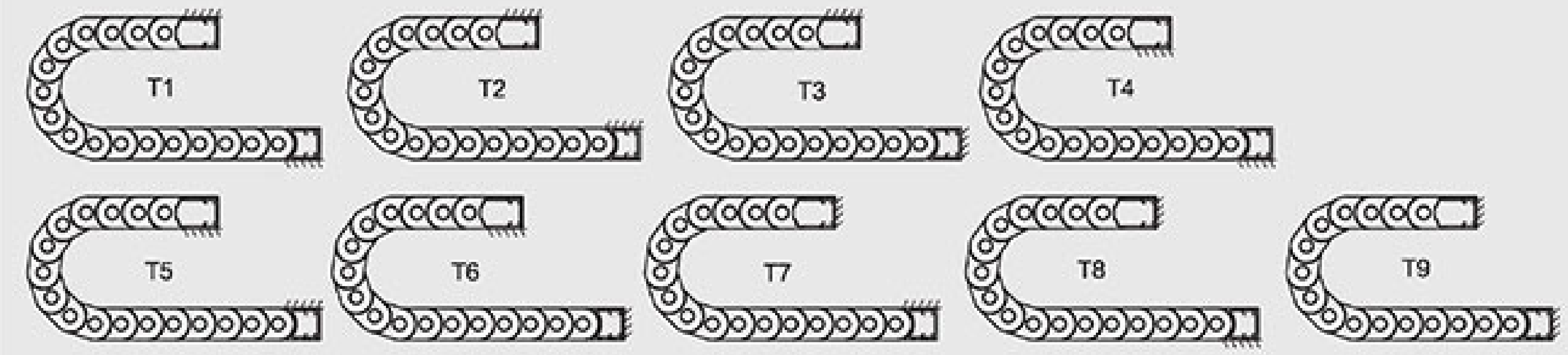
HF68 拖链-拖链接头
HF68 Cable Chain-Mounting Bracket

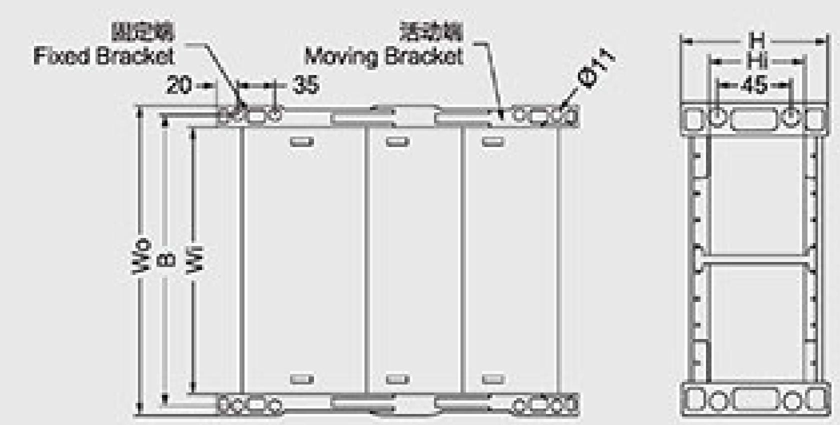
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀&耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





HF68150
HF68200
HF68250
HF68300

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
HF68130	11216	接头 Mounting Bracket 14133 14134; 隔离片 Separator 11220; 主体 Main Body 11190; 固定片 Fixed Plate 11193	173.4 (6.83)	153.2 (6.03)
HF68150	11217		193.4 (7.62)	173.2 (6.82)
HF68200	11218		243.4 (9.58)	223.2 (8.79)
HF68300	11219		343.4 (13.52)	323.2 (12.72)

产品代码结构 Part Number Structure

HF68150*B*T1

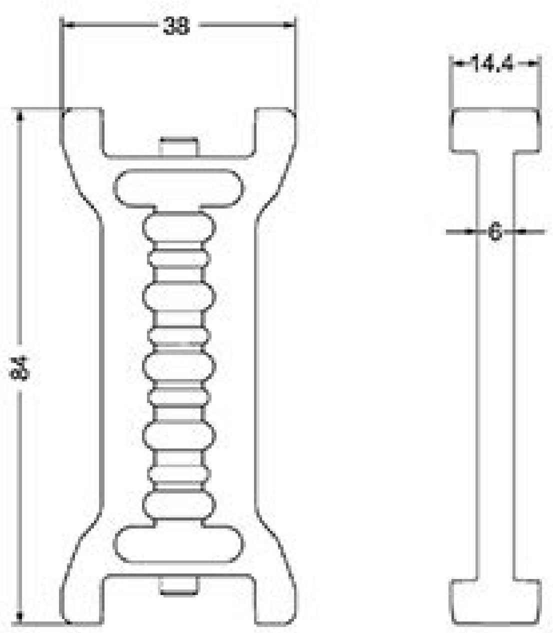
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

HF68150*B*T1*n	两端接头 On both brackets
HF68150*f*T1*n	固定端接头 Fixed bracket
HF68150*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.

HF68 拖链 HF68 Cable Chain

HF68 拖链-隔离片
HF68 Cable Chain-Separator



HF68拖链隔离片编码：11220
The separator No. for HF68: 11220

- 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，不可滑动

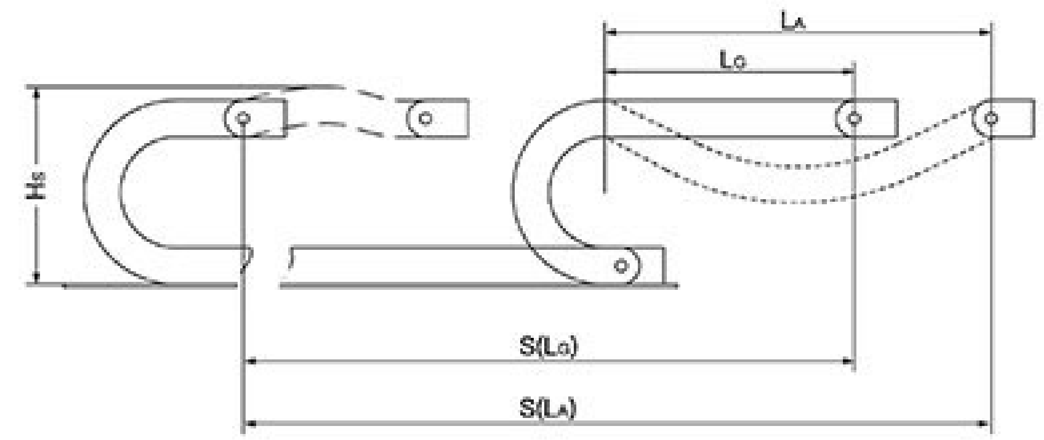
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can't be moved after assembling

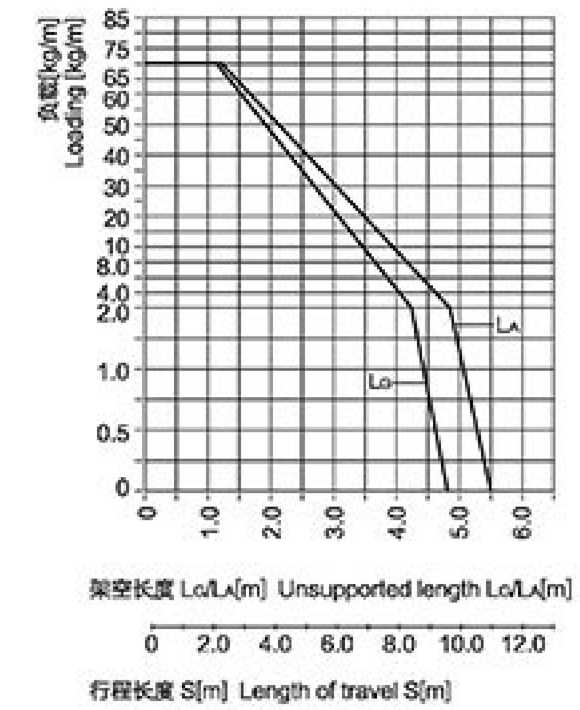
HF68 拖链
HF68 Cable Chain

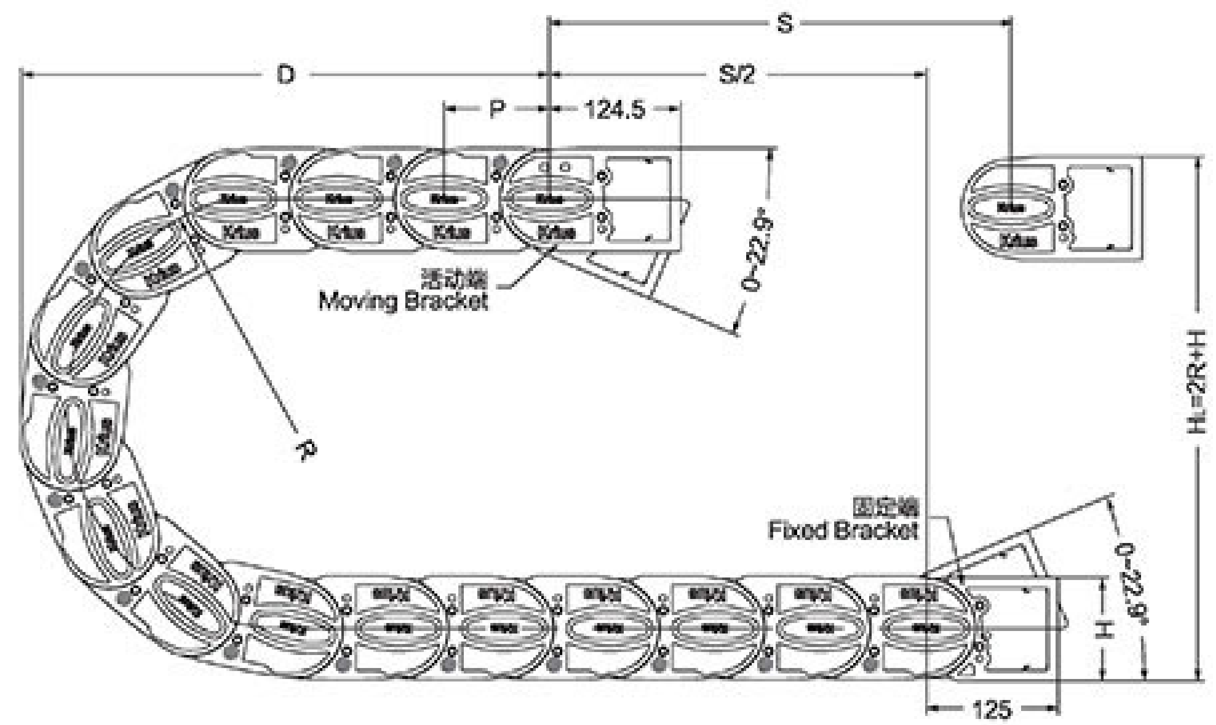
HQ68 拖链-安装尺寸及技术参数
HQ68 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200(7.87)	498.5(19.63)	410(16.14)	810(32.48)	100(3.94)
250(9.84)	598.5(23.56)	510(20.08)	980(38.58)	100(3.94)
300(11.81)	698.5(27.50)	610(24.02)	1140(44.88)	100(3.94)
400(15.75)	898.5(35.37)	810(31.89)	1455(57.28)	100(3.94)
500(19.69)	1098.5(43.25)	1010(39.76)	1765(69.49)	100(3.94)

实际安装高度: Hs=HL+95mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=10（1000mm）

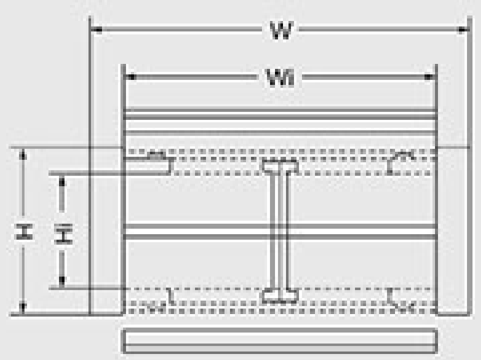
The required clearance height:Hs=HL+3.74in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=10（39.37 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HQ68 拖链
HQ68 Cable Chain

HQ68 拖链–产品规格范围
HQ68 Cable Chain–Product specifications

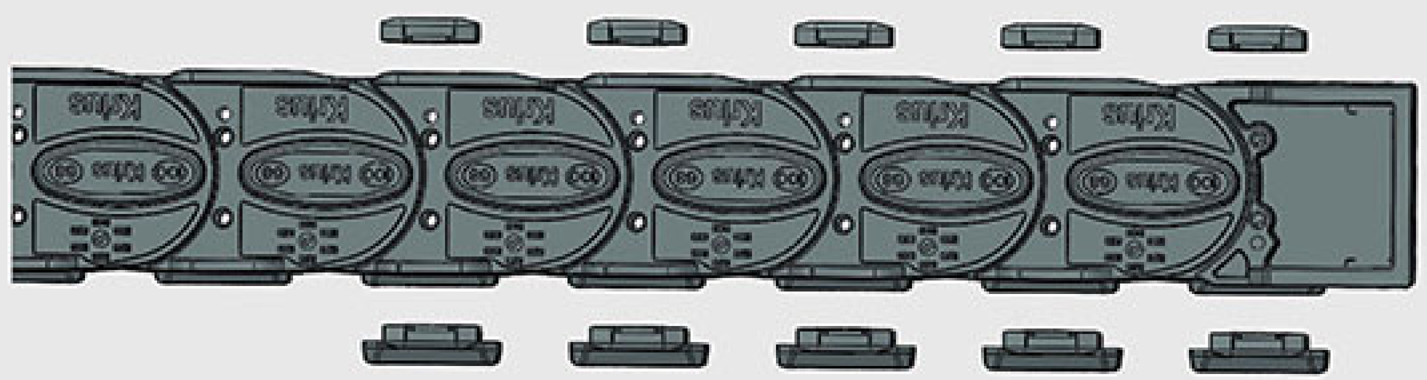
HQ68拖链–内外侧可开 HQ68 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

HQ68100*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)



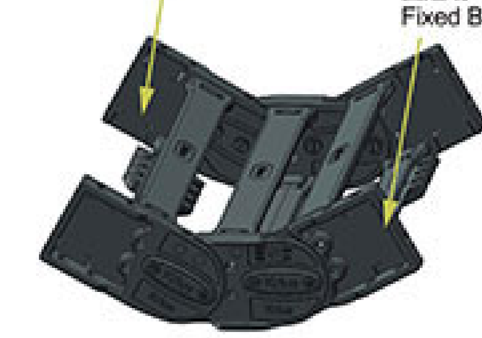
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm(in.)	mm(in.)	mm(in.)	mm(in.)	mm(in.)	kg/m(ibs/ft)	
HQ68100		68(2.68)	100.2(3.94)	98.5(3.88)	143.4(5.64)	4.74(3.22)	
HQ68125			125.2(4.93)		168.4(6.63)	4.85(3.30)	
HQ68150			150.2(5.91)		193.4(7.62)	5.00(3.40)	
HQ68200			200.2(7.88)		243.4(9.58)	5.28(3.59)	
HQ68250			250.2(9.85)		293.4(11.55)	5.52(3.75)	
HQ68300			300.2(11.82)		343.4(13.52)	5.82(3.96)	
HQ68350			350.2(13.79)		393.4(15.49)	6.16(4.19)	
HQ68400			400.2(15.76)		443.4(17.46)	6.36(4.32)	

订货范例
Order details

HQ68100 * R200 * 1000mm * 2

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200(7.87)	498.5(19.63)	410(16.14)	810(32.48)	100(3.94)
250(9.84)	598.5(23.56)	510(20.08)	980(38.58)	100(3.94)
300(11.81)	698.5(27.50)	610(24.02)	1140(44.88)	100(3.94)
400(15.75)	898.5(35.37)	810(31.89)	1455(57.28)	100(3.94)
500(19.69)	1098.5(43.25)	1010(39.76)	1765(69.49)	100(3.94)

HQ68 拖链–拖链接头
HQ68 Cable Chain–Mounting Bracket

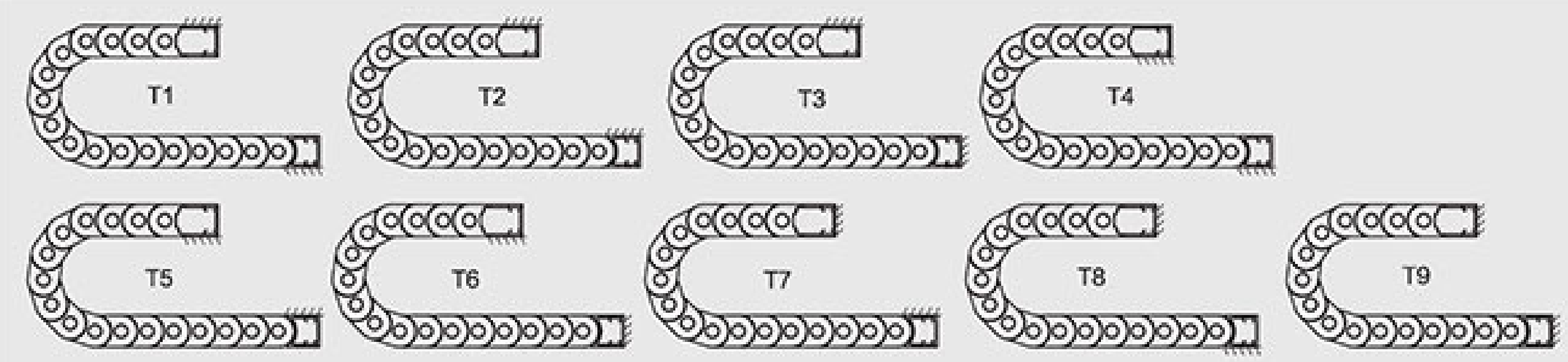


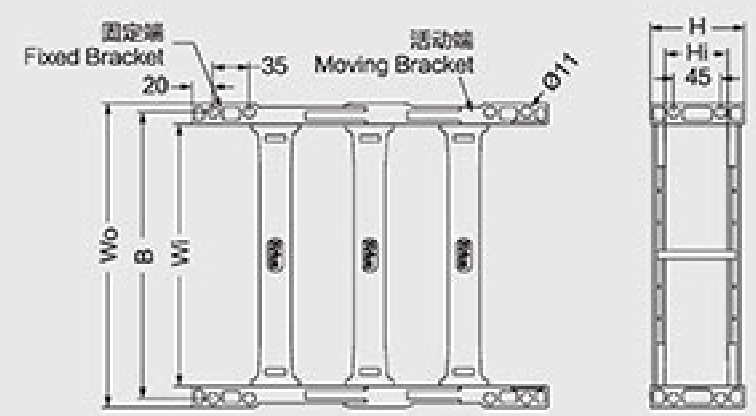
塑料接头或钢制接头，分体式 Plastic or Steel Mounting Bracket, Splited structure

- 双侧独立式塑料接头或钢制接头
- 两端接头均可活动
- 耐腐蚀＆耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic or Steel mounting bracket on the two end
- Moved connectors on both sides
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





HQ68100/HQ68125
HQ68150/HQ68200
HQ68250/HQ68300
HQ68350/HQ68400

拖链型号 Type	拖链编码 Code	其他编码 Other Code				Wo尺寸 Dimension Wo	B尺寸 Dimension B
						mm(in.)	mm(in.)
HQ68100	11200	接头 Mounting Bracket	14133 14134	固定片 Fixed Plate	11193	143.4 (5.64)	123.2(4.85)
HQ68125	11255	主体 Main Body	11190	耐磨片 Anti-friction part	11194	168.4 (6.63)	148.2(5.83)
HQ68150	11201	隔离片 Separator	11192			193.4 (7.62)	173.2(6.82)
HQ68200	11191					243.4 (9.58)	223.2(8.79)
HQ68250	11202					293.4 (11.55)	273.2(10.76)
HQ68300	11203					343.4 (13.52)	323.2(12.72)
HQ68350	11204					393.4 (15.49)	373.2(14.69)
HQ68400	11205					443.4 (17.46)	423.2(16.66)

产品代码结构 Part Number Structure

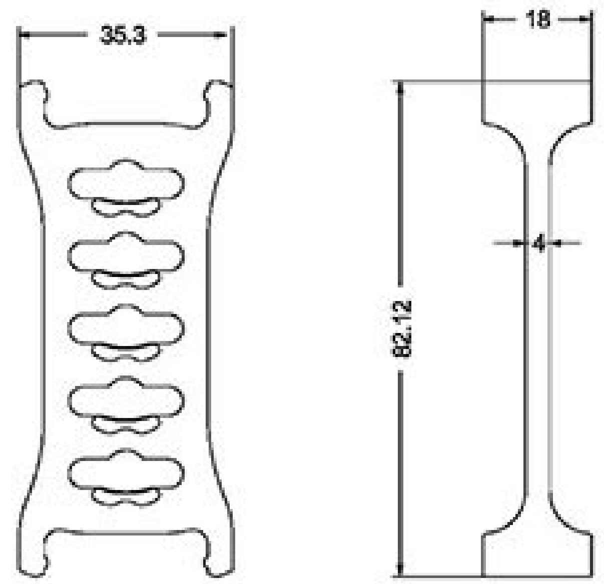
HQ68100*B*T1

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

HQ68100*B*T1*n	两端接头 On both brackets
HQ68100*f*T1*n	固定端接头 Fixed bracket
HQ68100*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.

HQ68 拖链-隔离片
HQ68 Cable Chain-Separator



HQ68拖链隔离片编码：11192
The separator No. for HQ68: 11192

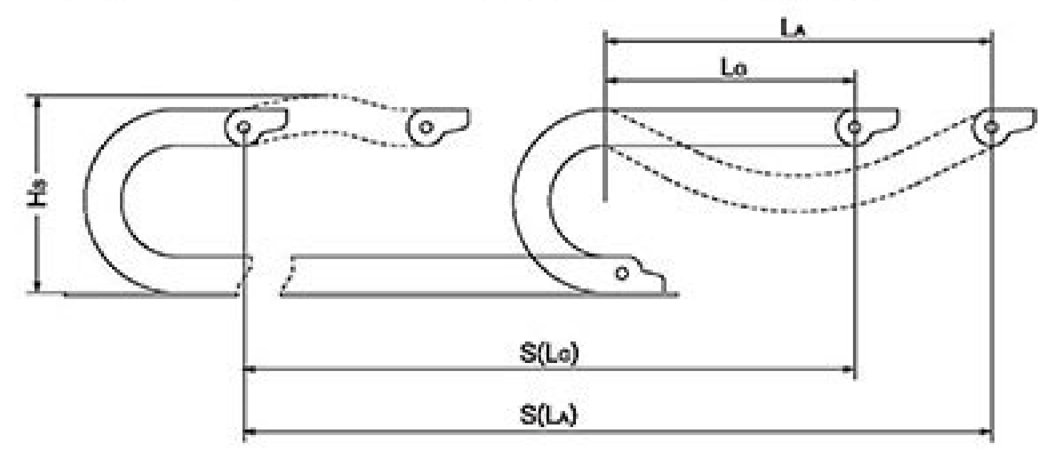
- 本款拖链标配隔离片为竖隔片，可以实现垂直分隔，也可订制铝杆作为横隔片，实现水平分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

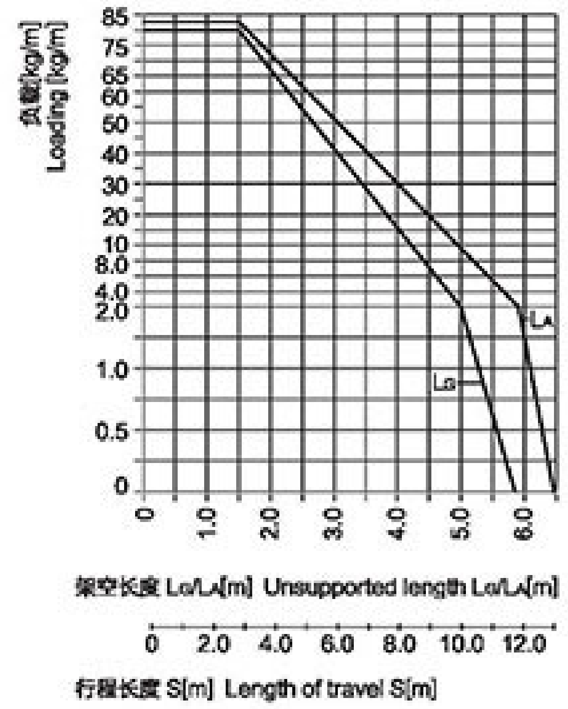
- The standard separator is vertical direction which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

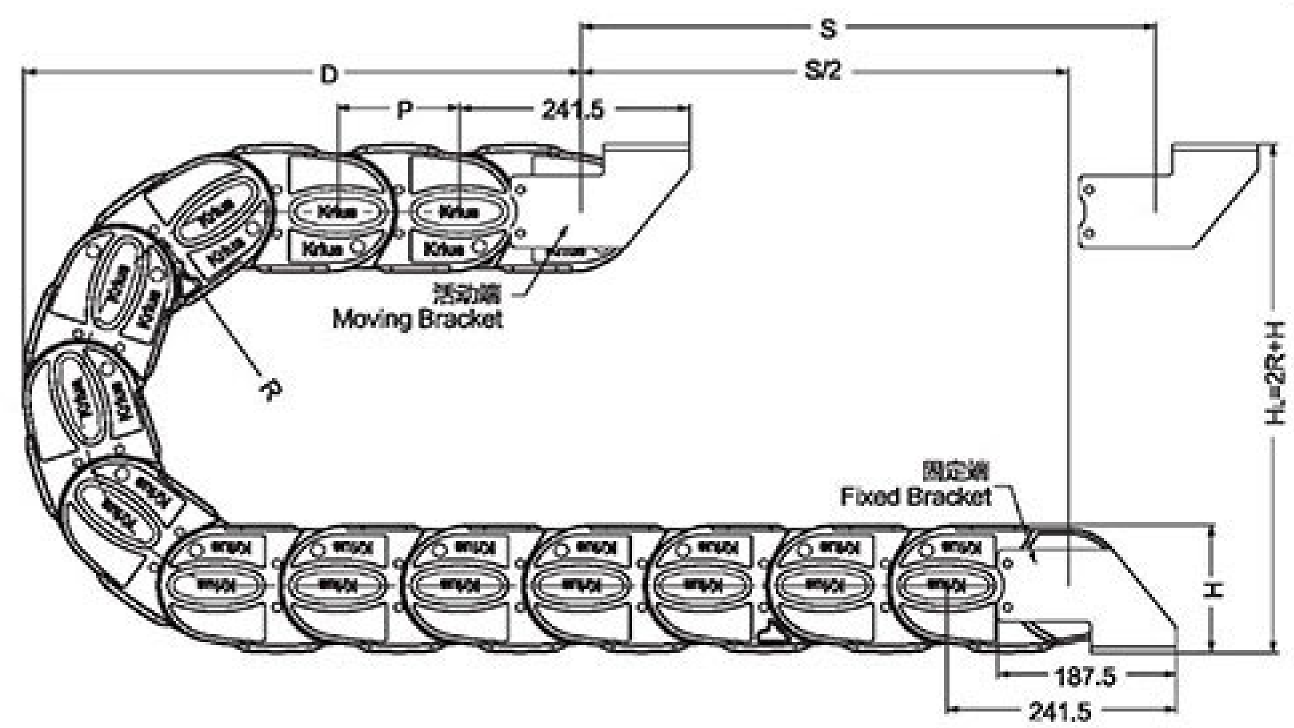
HQ88 拖链-安装尺寸及技术参数
HQ88 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	535 (21.06)	410 (16.14)	885 (34.84)	128 (3.94)
250 (9.84)	635 (25.00)	510 (20.08)	1040 (40.94)	128 (3.94)
300 (11.81)	735 (28.94)	610 (24.02)	1200 (47.24)	128 (3.94)
350 (13.78)	835 (32.87)	710 (27.95)	1355 (53.35)	128 (3.94)
400 (15.75)	935 (36.81)	810 (31.89)	1510 (59.45)	128 (3.94)
500 (19.69)	1135 (44.69)	1010 (39.76)	1825 (71.85)	128 (3.94)

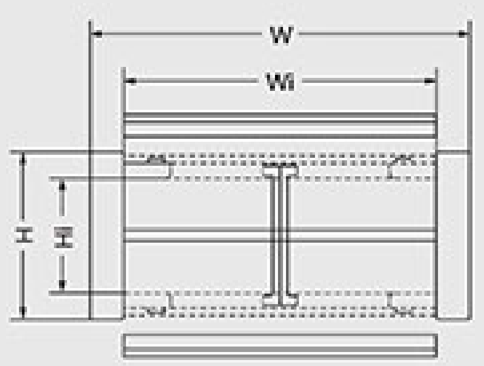
实际安装高度: $H_S=H_L+100mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=8（1024mm）

The required clearance height: $H_S=H_L+3.94in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=8（40.31 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

HQ88 拖链–产品规格范围
HQ88 Cable Chain–Product specifications

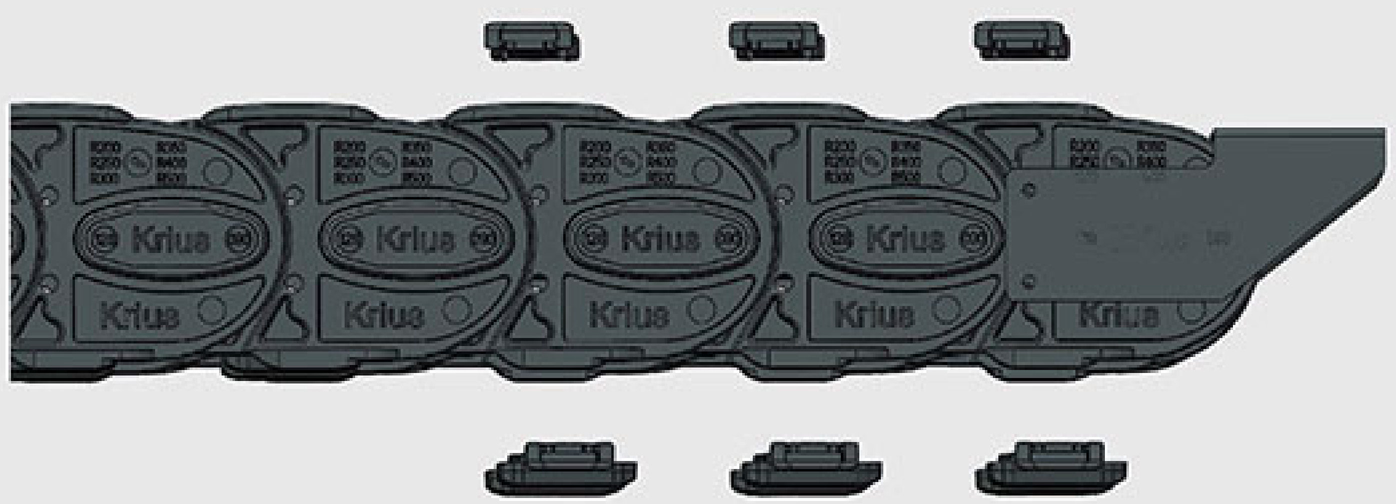
HQ88拖链–内外侧可开 HQ88 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

HQ88100*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)

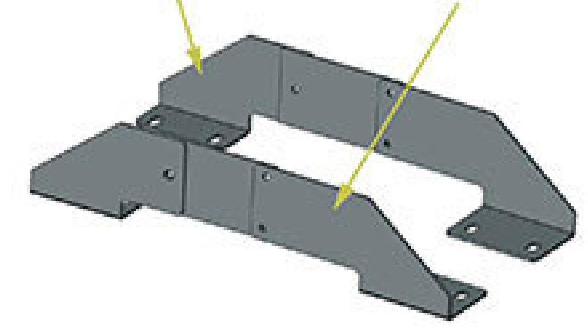


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
HQ88100		92 (3.62)	102 (4.02)	135 (5.31)	146 (5.75)	5.20 (3.54)	
HQ88150			152 (5.98)		196 (7.72)	5.50 (3.74)	
HQ88200			202 (7.95)		246 (9.69)	6.20 (4.22)	
HQ88250			252 (9.92)		296 (11.65)	6.50 (4.42)	
HQ88300			302 (11.89)		346 (13.62)	6.80 (4.62)	
HQ88350			352 (13.86)		396 (15.59)	7.20 (4.90)	
HQ88400			402 (15.82)		446 (17.56)	7.51 (5.11)	

订货范例 Order details **HQ88100 * R200 * 1000mm * 2**

R	Hı	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	535 (21.06)	410 (16.14)	885 (34.84)	128 (3.94)
250 (9.84)	635 (25.00)	510 (20.08)	1040 (40.94)	128 (3.94)
300 (11.81)	735 (28.94)	610 (24.02)	1200 (47.24)	128 (3.94)
350 (13.78)	835 (32.87)	710 (27.95)	1355 (53.35)	128 (3.94)
400 (15.75)	935 (36.81)	810 (31.89)	1510 (59.45)	128 (3.94)
500 (19.69)	1135 (44.69)	1010 (39.76)	1825 (71.85)	128 (3.94)

HQ88 拖链–拖链接头
HQ88 Cable Chain–Mounting Bracket

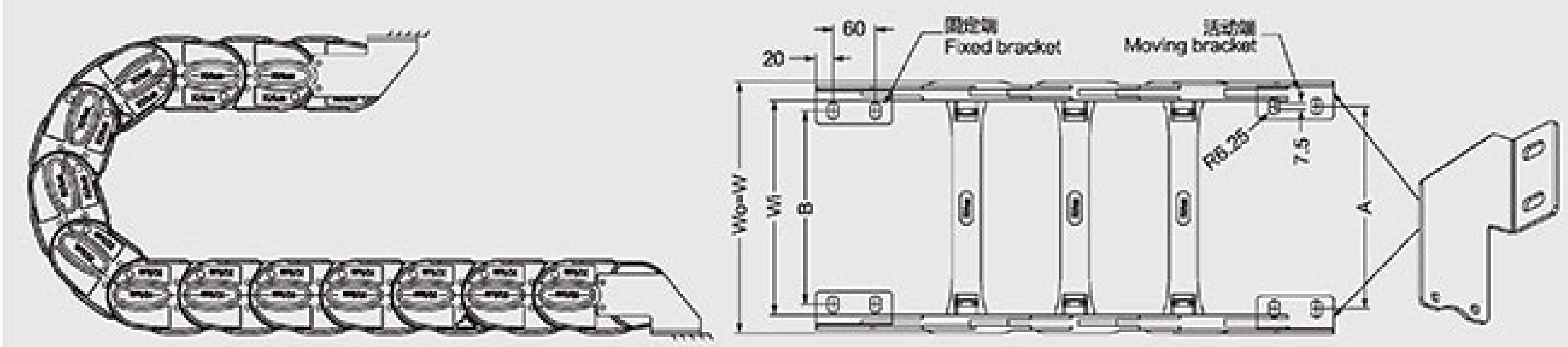


钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Anti–corrosion, Rub–resistance
- Available preassembly form
- Can realize the internal and external connections

接头安装方式 Installation methods



HQ88100 / HQ88150 / HQ88200 / HQ88250
HQ88300 / HQ88350 / HQ88400

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	A尺寸 Dimension A	B尺寸 Dimension B
					mm (in.)	mm (in.)
HQ88100	11253			146 (5.75)	88 (3.46)	77.5 (3.05)
HQ88150	11254	主体 Main Body	11252	196 (7.72)	138 (5.43)	127.5 (5.02)
HQ88200	11255			246 (9.69)	188 (7.40)	177.5 (6.99)
HQ88250	11256	隔离片 Separator	11261	296 (11.65)	238 (9.37)	227.5 (8.96)
HQ88300	11257			346 (13.62)	288 (11.34)	277.5 (10.93)
HQ88350	11258	固定片 Fixed Plate	11262	396 (15.59)	338 (13.31)	327.5 (12.89)
HQ88400	11259			446 (17.56)	388 (15.28)	377.5 (14.86)

产品代码结构 Part Number Structure

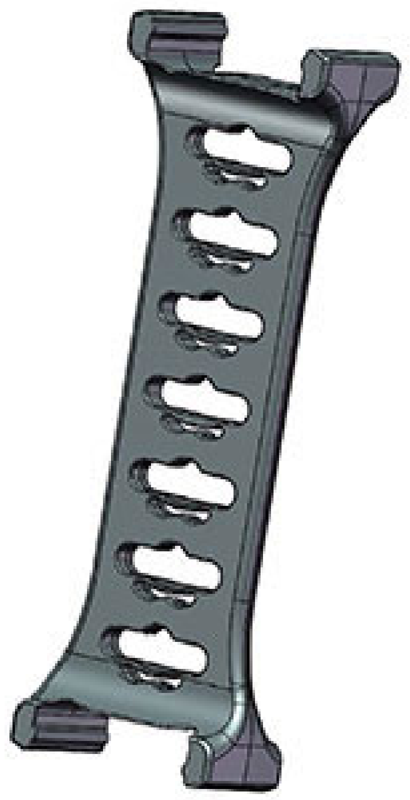
HQ88100*B*T1

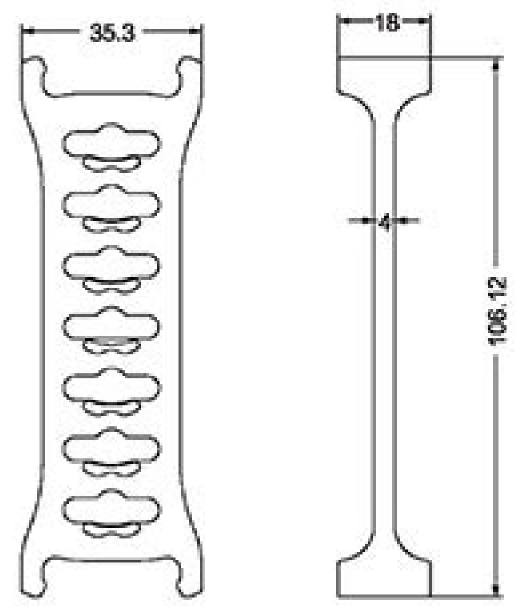
- 安装方式 (Installation Methods)
- 两端接头 (On Both Brackets)
- 内宽 (Inner Width)
- 型号 (Type)

HQ88100*B*n	两端接头 On both brackets
HQ88100*f*n	固定端接头 Fixed bracket
HQ88100*m*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.

HQ88 拖链-隔离片
HQ88 Cable Chain-Separator

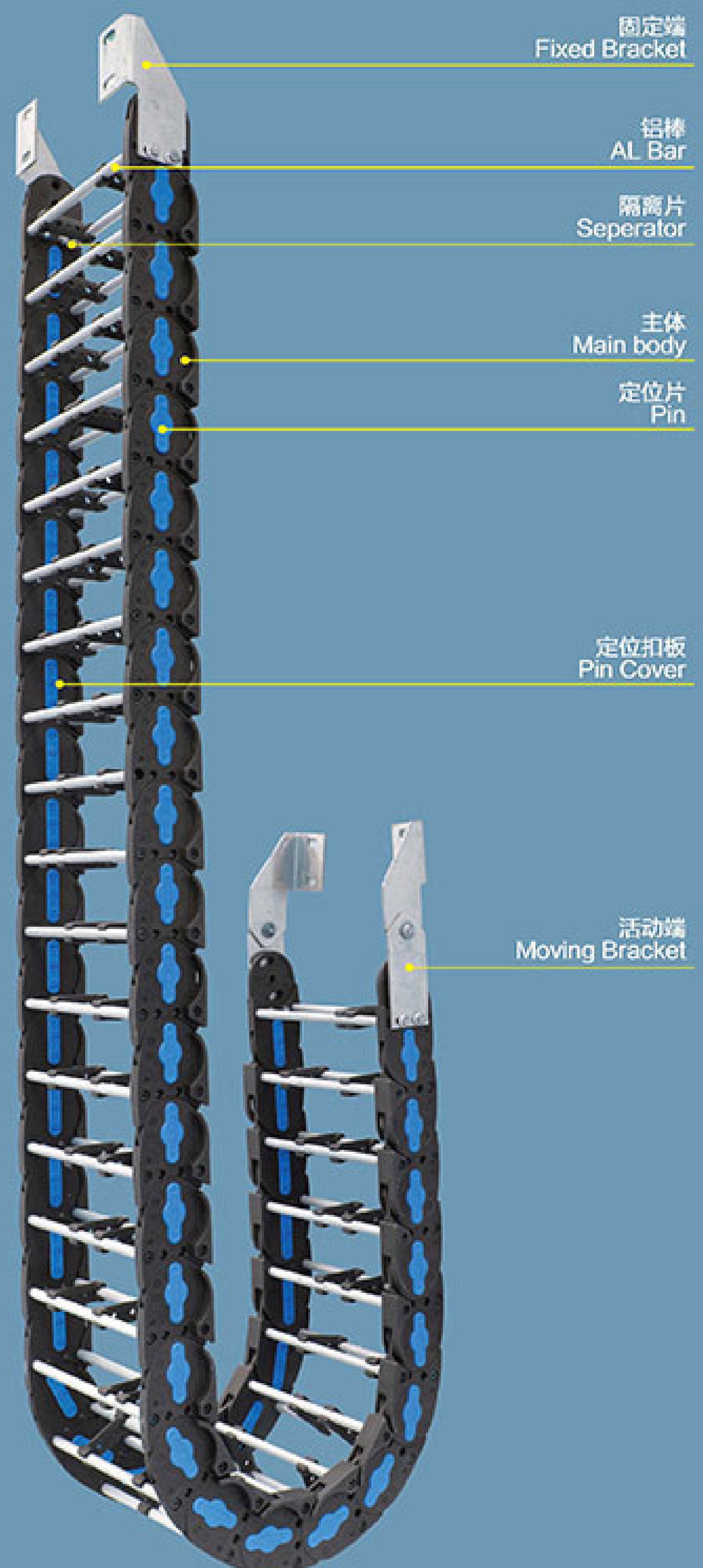




HQ88拖链隔离片编码：11261
The separator No. for HQ88: 11261

- 本款拖链有竖隔片和横隔片供客户选配，均为尼龙材质，可实现水平分隔和/或垂直分隔
- 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，可以根据线缆排布进行滑动

- Vertical and horizontal two kinds of separator are available to choose, both are Nylon and for vertical and / or horizontal division.
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable



CL

Bridge type aluminium and plastic Cable Chain

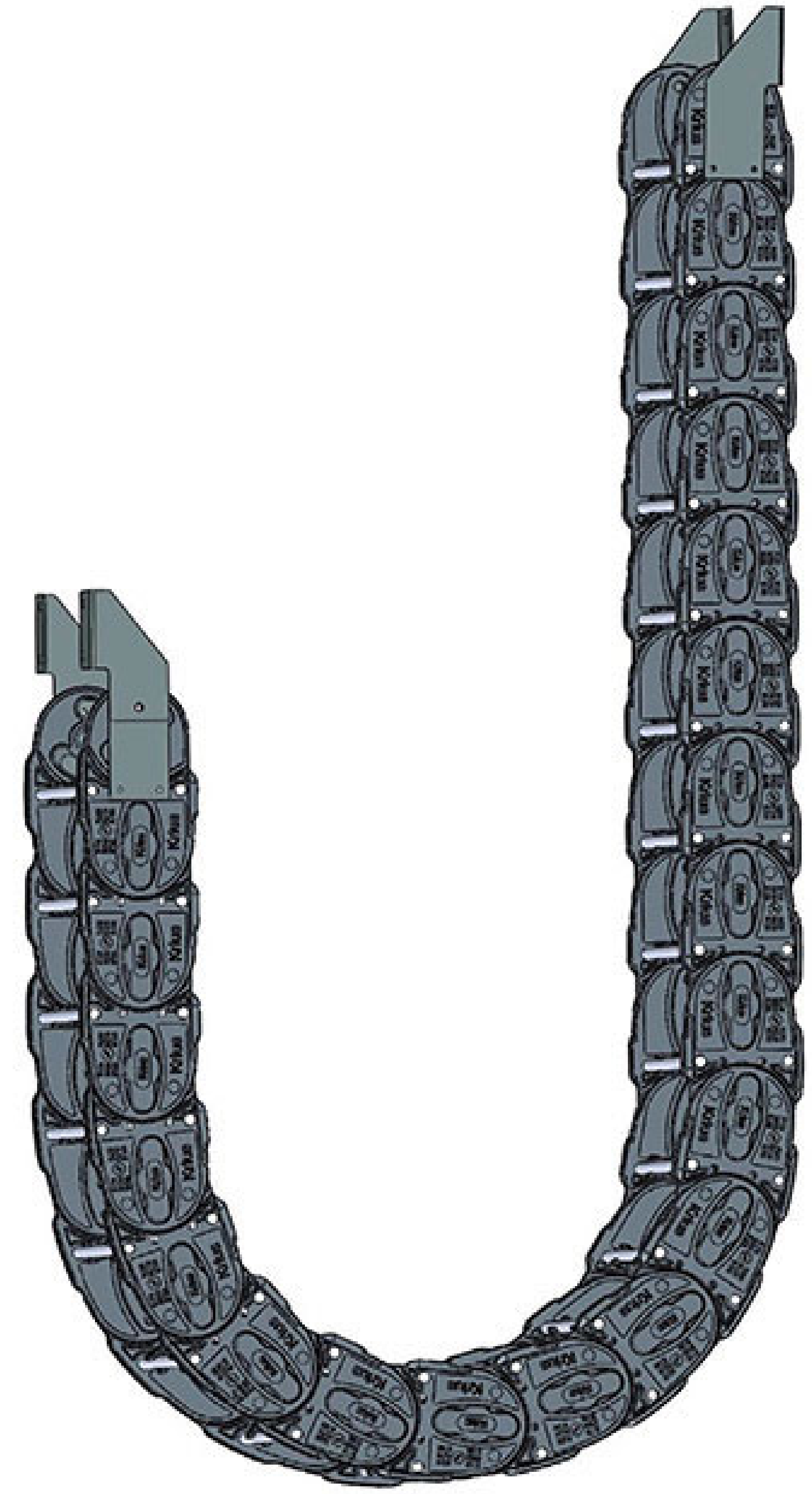
CL桥式铝塑拖链

CL桥式铝塑拖链
CL Bridge type aluminium and plastic 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



功能特点 Features & Benefits

- 横杆为铝杆
- 阻燃等级UL94 V-2
- 配有双侧独立式接头
- 外形设计美观、简洁、大方
- 耐摩擦、耐腐蚀，滑行应用
- 可以组装成"S"型拖链

- Crossbars are aluminum
- Flammability class UL94 V-2
- Separate mounting bracket with tie warp plate on both side
- Beautiful and decent appearance design
- Anti-corrosion, Rub-resistance, Gliding application
- Assembled as S-shaped chain

CL40拖链的适用场合 Application

- 震动较大，有扭曲现象
- 弯曲半径较大，方向可变
- 磨损较大，且要求承重较重
- 反向弯曲半径
- 长距离运行

- For high vibrations and twisty situation
- For large bending radius and changing directions
- For large wear and high loading situation
- For opposite direction bending
- For longer stroke

CL40拖链的不适用场合 Not applicable

- 环境较脏
- Not for dirty environment

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14节
Please mark the length or link number, such as 1 meter or 14 links

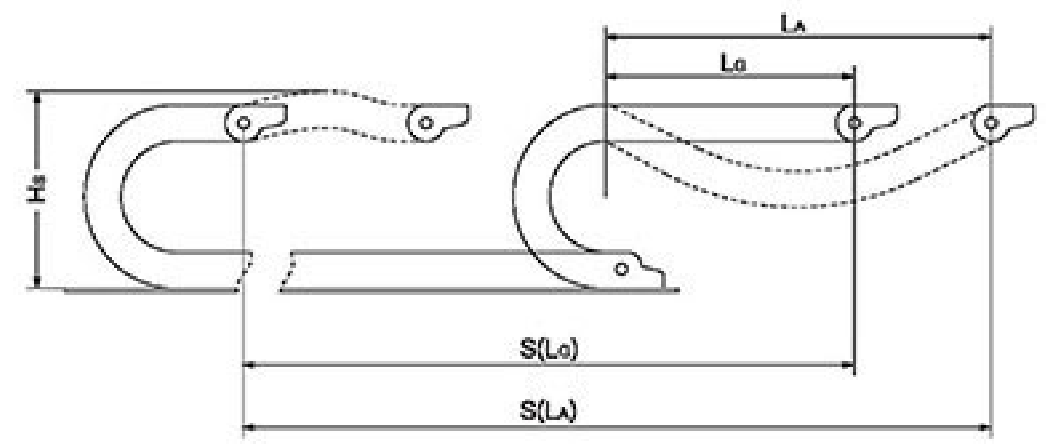
CL40100*R100*1000*2
(2条长度1米的拖链，每隔1个链节，装2个竖隔片)
(2 pieces of 1-meter-long cable chain, two vertical separators on every link)

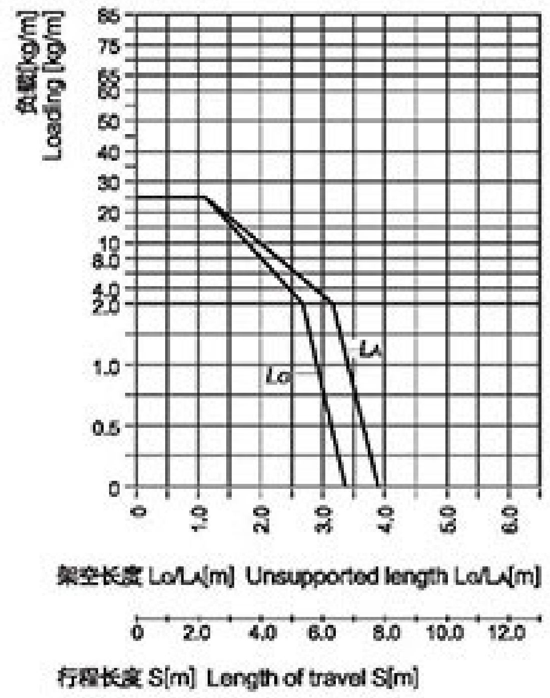
CL40100*B*T1*1+C型槽
(1副接头，T1安装方式)
(1 piece of connector, T1 installation method, with C rail)

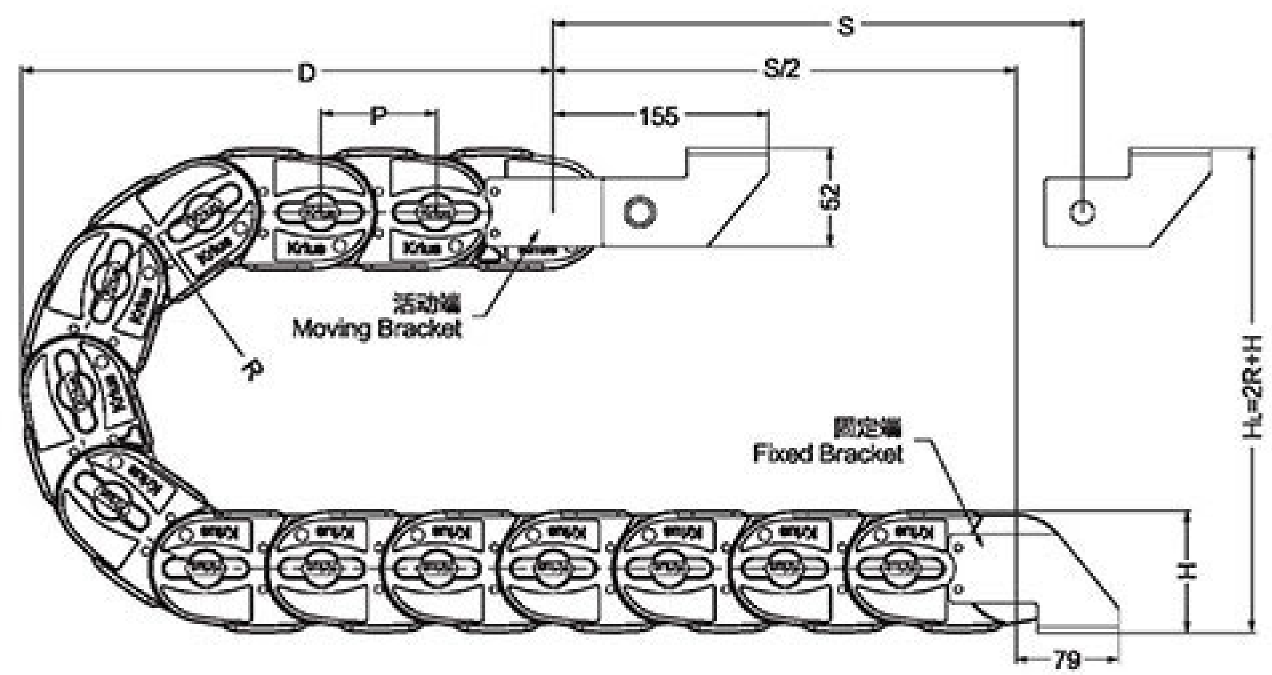
CL40 拖链-安装尺寸及技术参数
CL40 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	219 (8.62)	160 (6.30)	375 (14.76)	70 (2.76)
100 (3.94)	269 (10.59)	210 (8.27)	455 (17.91)	70 (2.76)
125 (4.92)	319 (12.56)	260 (10.24)	530 (20.87)	70 (2.76)
150 (5.91)	369 (14.53)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	469 (18.46)	410 (16.14)	770 (30.31)	70 (2.76)
250 (9.84)	569 (22.40)	510 (20.08)	925 (36.42)	70 (2.76)

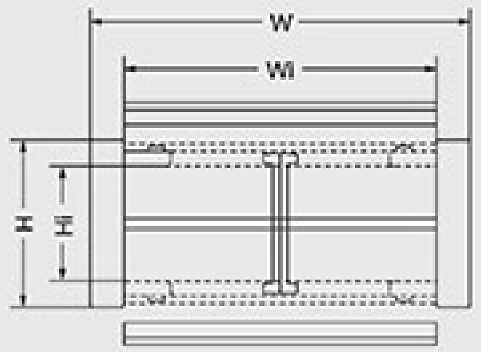
实际安装高度: $H_S=H_L$+70mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=14（980mm）

The required clearance height: $H_S=H_L$+2.76in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=14（38.58 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

CL40 拖链–产品规格范围
CL40 Cable Chain–Product specifications

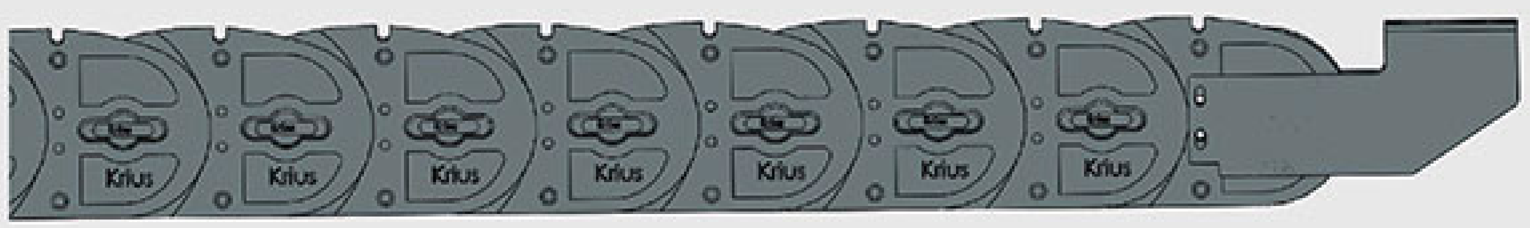
CL40拖链–铝杆长度可订制 CL40 Cable Chain–The Al bar length can be customized



产品代码结构
Part Number Structure

CL40100*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)



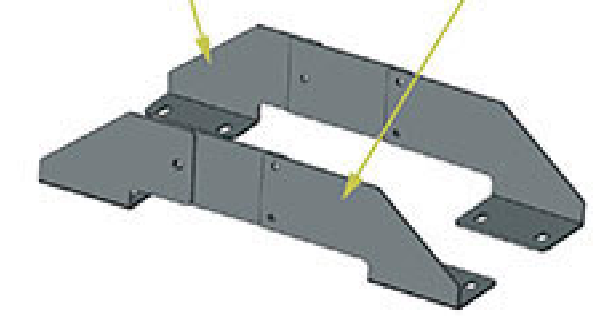
此表中括号内数据为英寸 The unit for all of the figures are inches

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 (ibs/ft)	
CL40		40 (1.57)	80~400 (3.15~15.75)	69 (2.72)	122~442 (4.80~17.40)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例 Order details **CL40100 * R100 * 1000mm * 2**

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	219 (8.62)	160 (6.30)	375 (14.76)	70 (2.76)
100 (3.94)	269 (10.59)	210 (8.27)	455 (17.91)	70 (2.76)
125 (4.92)	319 (12.56)	260 (10.24)	530 (20.87)	70 (2.76)
150 (5.91)	369 (14.53)	310 (12.20)	610 (24.02)	70 (2.76)
200 (7.87)	469 (18.46)	410 (16.14)	770 (30.31)	70 (2.76)
250 (9.84)	569 (22.40)	510 (20.08)	925 (36.42)	70 (2.76)

CL40 拖链–拖链接头
CL40 Cable Chain–Mounting Bracket

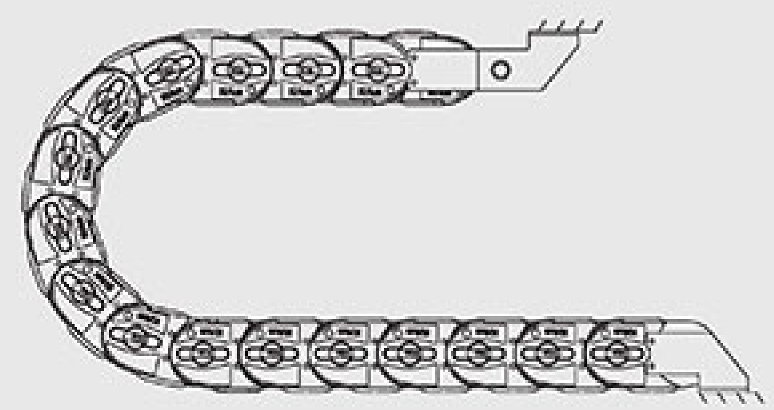


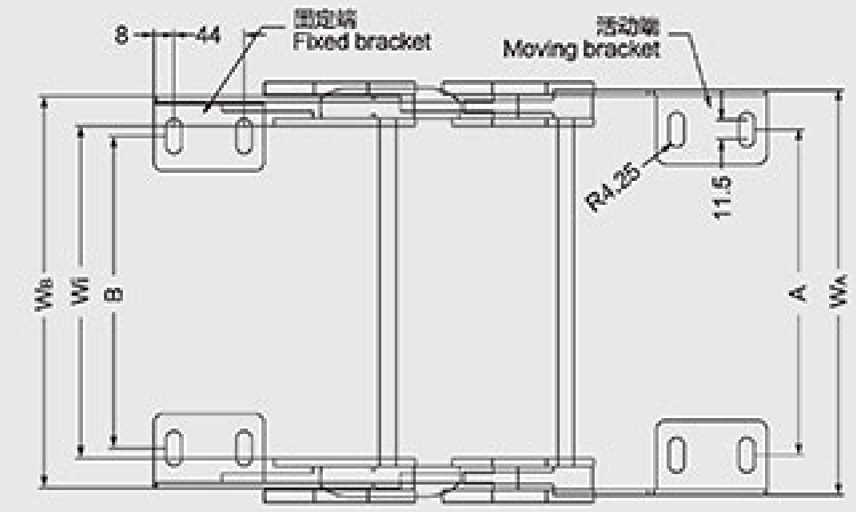
钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀＆耐摩擦
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Anti–corrosion, Rub–resistance
- Can realize the internal and external connections

接头安装方式 Installation methods





CL4080~CL40400

拖链型号 Type	主体编码 Main body code	A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB
		mm	mm	mm	mm
CL40	13001	(Wi-12)	(Wi+26)	(Wi-18)	(Wi+32)

产品代码结构 Part Number Structure

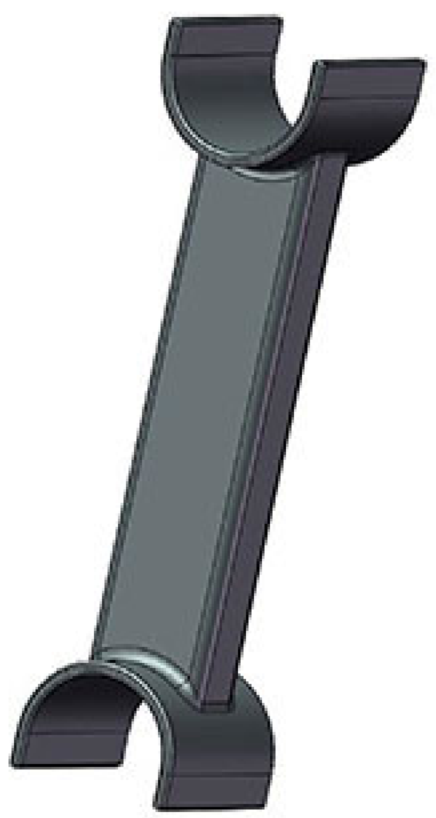
CL40100*A+B

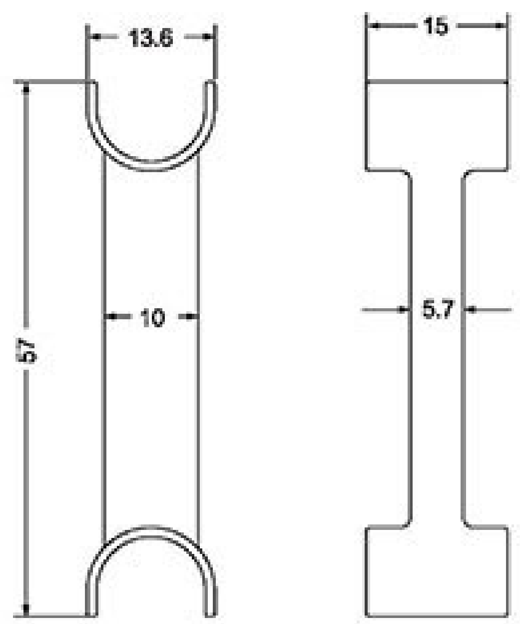
- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL40100*B*n	两端接头 On both brackets
CL40100*f*n	固定端接头 Fixed bracket
CL40100*m*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.

CL40 拖链-隔离片
CL40 Cable Chain-Separator





CL40拖链隔离片编码：11006
The separator No. for CL40: 11006

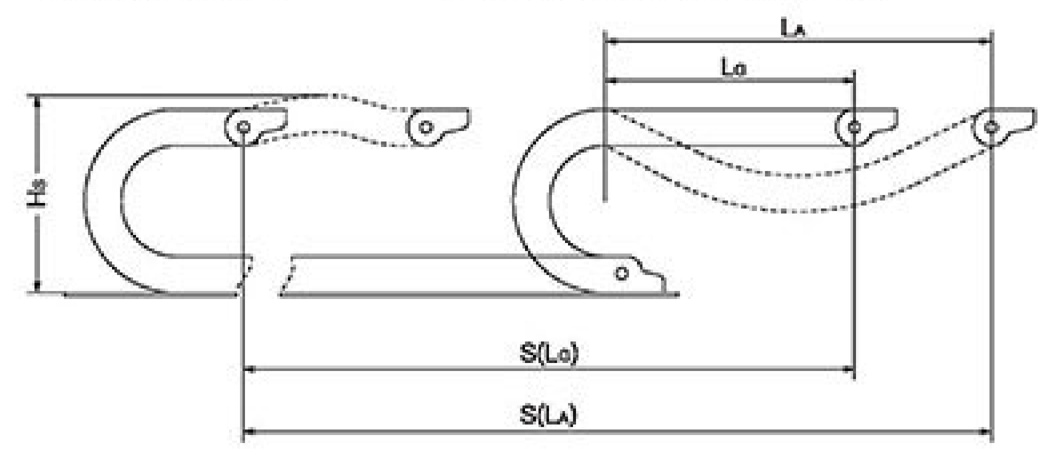
- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔
- 竖隔片的数量可以根据客户的实际需求进行配备，可以每隔一个链节装一个，也可以每隔一个链节装几个，客户可任意配备
- 竖隔片安装完成后，可以根据线缆排布进行滑动

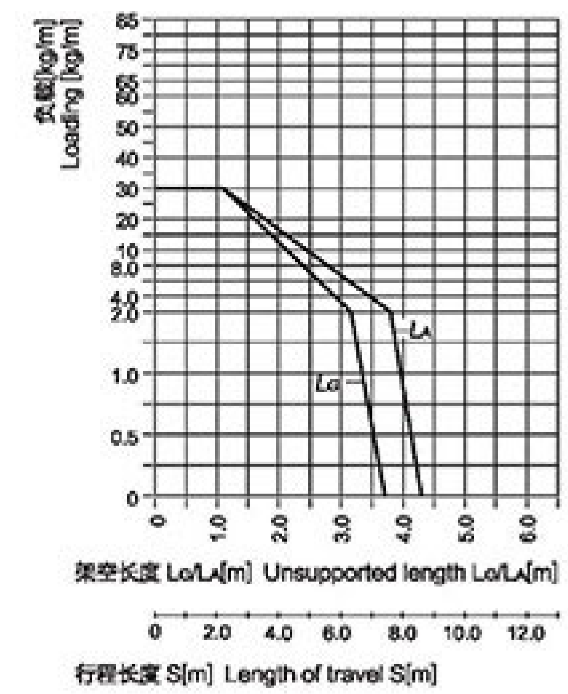
- Vertical separators are used in this type to realize vertical subdivision
- Vertical separators can be set up as customers' requires
- Separator can be moved for different cable

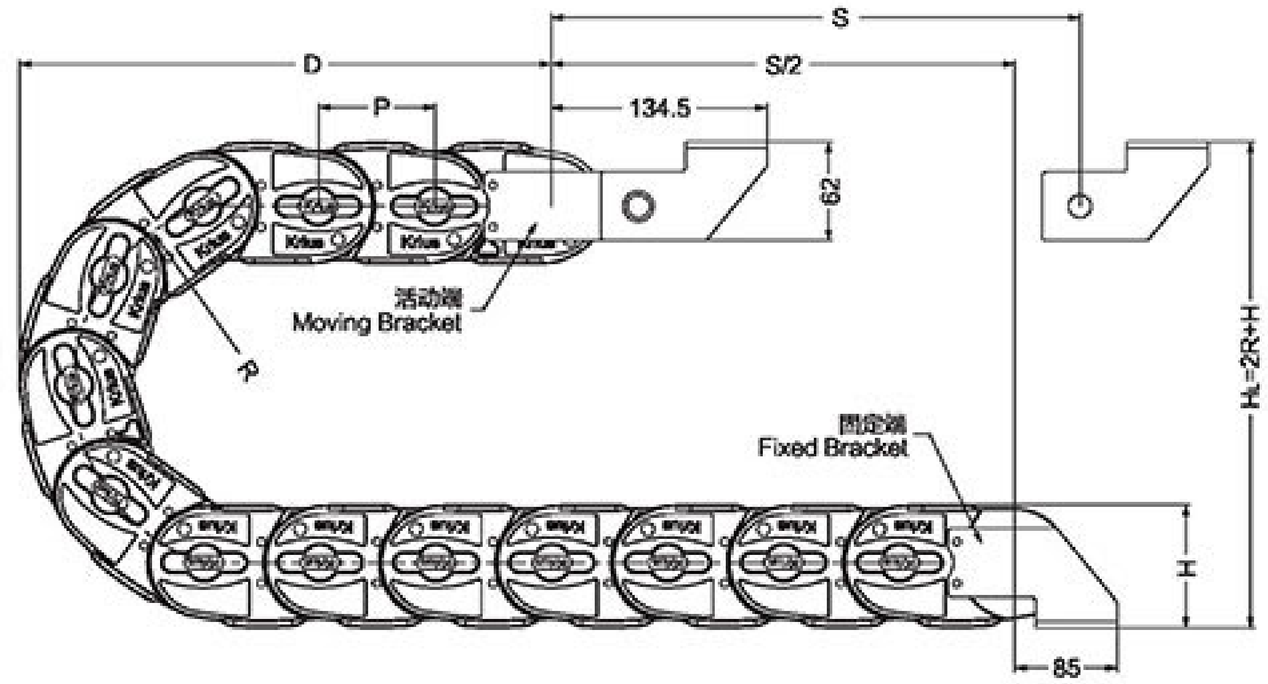
CL46 拖链-安装尺寸及技术参数
CL46 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =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
H_L =Nominal clearance height
H_S =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	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	229 (9.02)	160 (6.30)	390 (15.35)	78 (3.07)
100 (3.94)	279 (10.98)	210 (8.27)	470 (18.50)	78 (3.07)
125 (4.92)	329 (12.95)	260 (10.24)	550 (21.65)	78 (3.07)
150 (5.91)	379 (14.92)	310 (12.20)	625 (24.61)	78 (3.07)
200 (7.87)	479 (18.86)	410 (16.14)	785 (30.91)	78 (3.07)
250 (9.84)	579 (22.80)	510 (20.08)	940 (37.01)	78 (3.07)
280 (11.02)	639 (25.16)	570 (22.44)	1035 (40.75)	78 (3.07)
400 (15.75)	879 (34.61)	810 (31.89)	1410 (55.51)	78 (3.07)

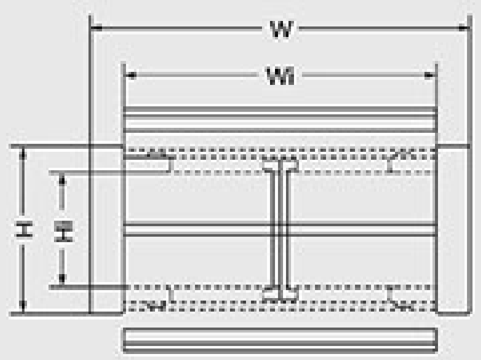
实际安装高度: $H_S=H_L+80mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=13（1014mm）

The required clearance height: $H_S=H_L+3.15in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=13（39.92 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

CL46 拖链–产品规格范围
CL46 Cable Chain–Product specifications

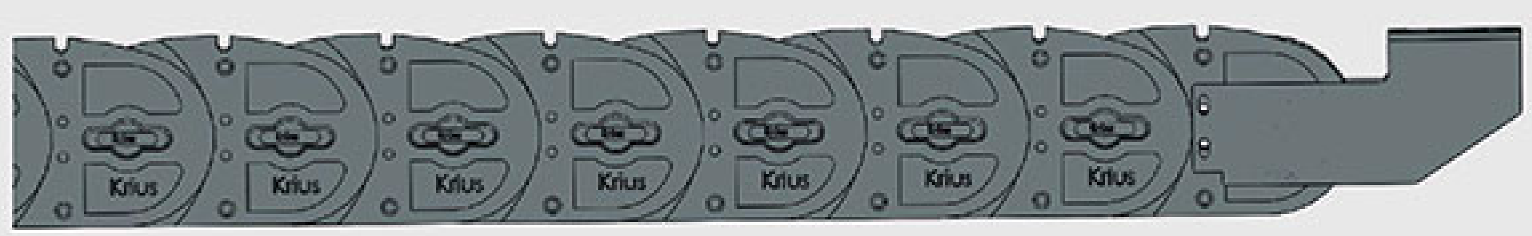
CL46拖链–铝杆长度可订制 CL46 Cable Chain–The Al bar length can be customized



产品代码结构
Part Number Structure

CL46100*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)



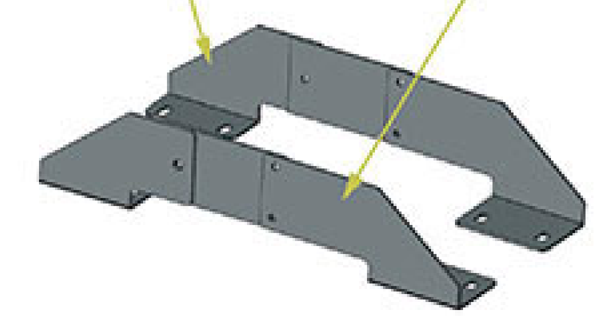
此表中括号内数据为英寸 The unit for all of the figures are inches

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)	
CL46		46 (1.81)	80~400 (3.15~15.75)	79 (3.11)	126~446 (4.96~17.56)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例 Order details **CL46100 * R100 * 1000mm * 2**

R	Hι	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
75 (2.95)	229 (9.02)	160 (6.30)	390 (15.35)	78 (3.07)
100 (3.94)	279 (10.98)	210 (8.27)	470 (18.50)	78 (3.07)
125 (4.92)	329 (12.95)	260 (10.24)	550 (21.65)	78 (3.07)
150 (5.91)	379 (14.92)	310 (12.20)	625 (24.61)	78 (3.07)
200 (7.87)	479 (18.86)	410 (16.14)	785 (30.91)	78 (3.07)
250 (9.84)	579 (22.80)	510 (20.08)	940 (37.01)	78 (3.07)
280 (11.02)	639 (25.16)	570 (22.44)	1035 (40.75)	78 (3.07)
400 (15.75)	879 (34.61)	810 (31.89)	1410 (55.51)	78 (3.07)

CL46 拖链–拖链接头
CL46 Cable Chain–Mounting Bracket

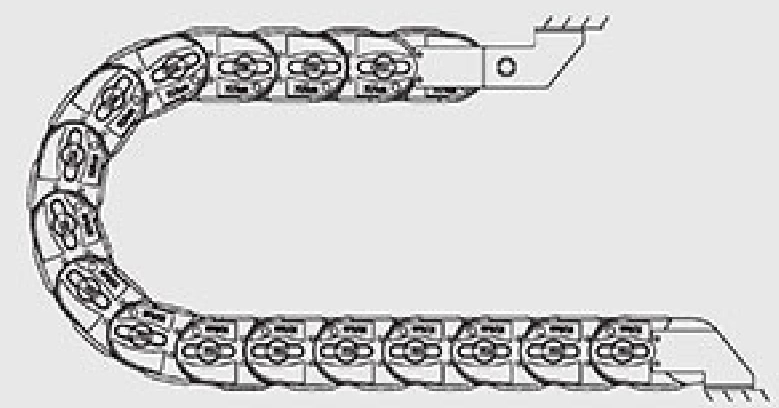


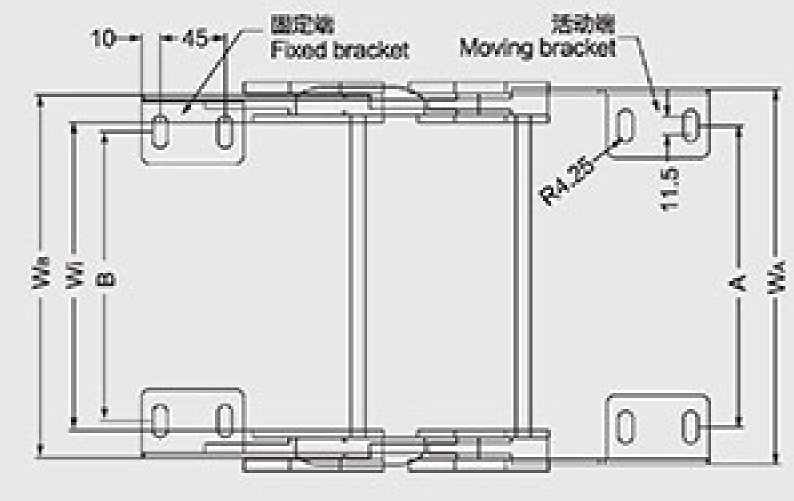
钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀＆耐磨擦
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Anti–corrosion, Rub–resistance
- Can realize the internal and external connections

接头安装方式 Installation methods





CL4680~CL46400

拖链型号 Type	主体编码 Main body code	A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB
		mm	mm	mm	mm
CL46	13002	(Wi–20)	(Wi+30)	(Wi–26)	(Wi+36)

产品代码结构 Part Number Structure

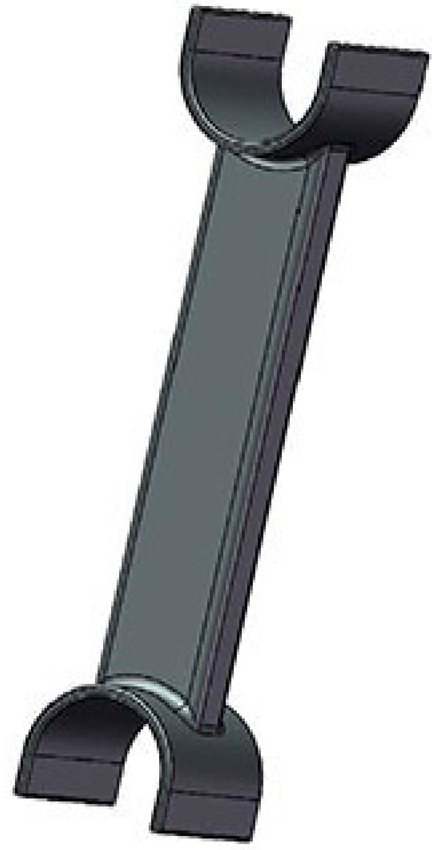
CL46100*A+B

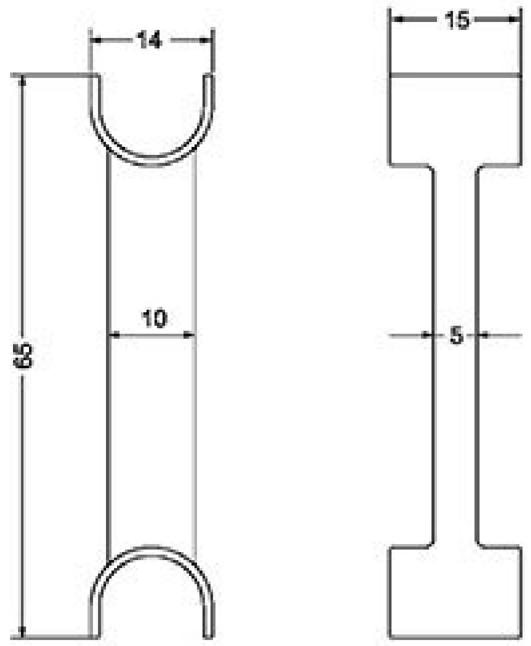
- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL46100*B*n	两端接头 On both brackets
CL46100*f*n	固定端接头 Fixed bracket
CL46100*m*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.

CL46 拖链-隔离片
CL46 Cable Chain-Separator





CL46拖链隔离片编码：11007
The separator No. for CL46: 11007

- 本款拖链可供选配的隔离片为竖隔片，可以实现垂直分隔
- 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，可以根据线缆排布进行滑动

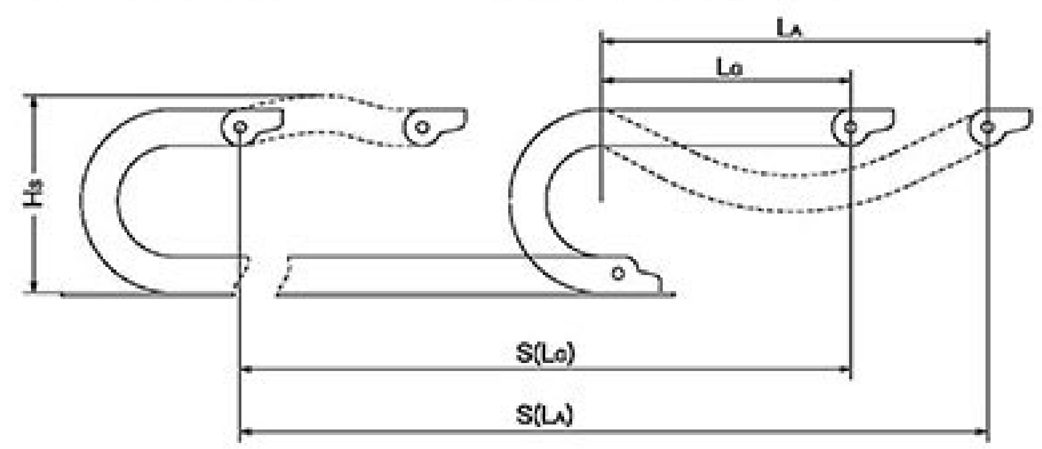
- Vertical separators are used in this type to realize vertical subdivision
- Vertical separators can be set up as customers' requires
- Separator can be moved for different cable

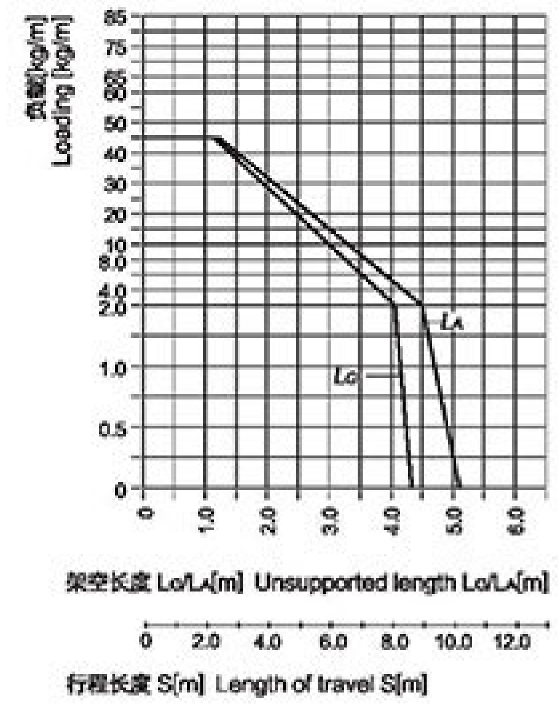
CL66 拖链-安装尺寸及技术参数
CL66 Cable Chain-Installation Dimensions and Technical Parameters

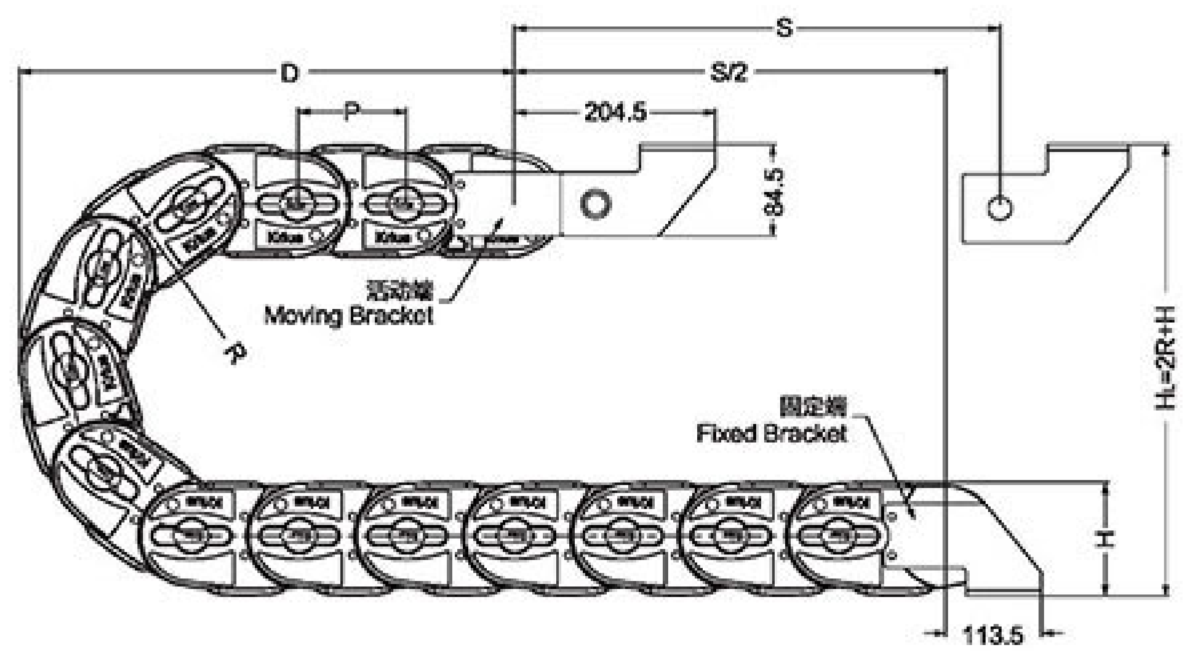
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	406 (15.98)	310 (12.20)	670 (26.38)	99 (3.90)
200 (7.87)	506 (19.92)	410 (16.14)	825 (32.48)	99 (3.90)
250 (9.84)	606 (23.86)	510 (20.08)	985 (38.78)	99 (3.90)
300 (11.81)	706 (27.80)	610 (24.02)	1140 (44.88)	99 (3.90)
350 (13.78)	806 (31.73)	710 (27.95)	1300 (51.18)	99 (3.90)
400 (15.75)	906 (35.67)	810 (31.89)	1455 (57.28)	99 (3.90)
500 (19.69)	1106 (43.54)	1010 (39.76)	1770 (69.69)	99 (3.90)

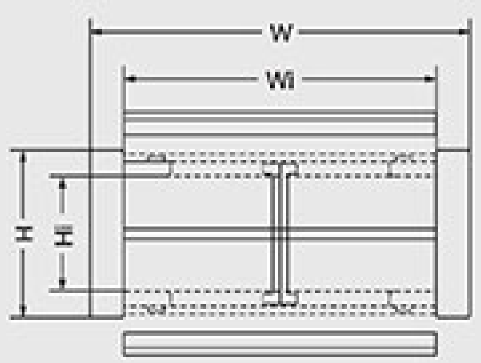
实际安装高度: $H_S=H_L+100mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=10（990mm）

The required clearance height: $H_S=H_L+3.94in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=10（38.98 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

CL66 拖链–产品规格范围
CL66 Cable Chain–Product specifications

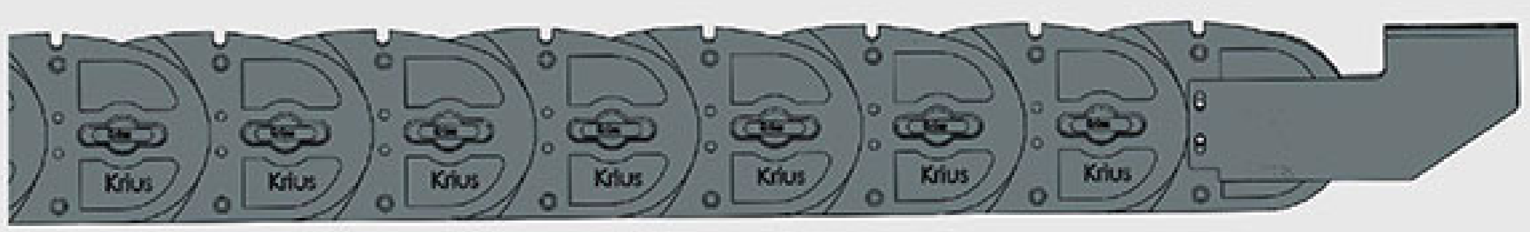
CL66拖链–铝杆长度可订制 CL66 Cable Chain–The Al bar length can be customized



产品代码结构
Part Number Structure

CL66100*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)



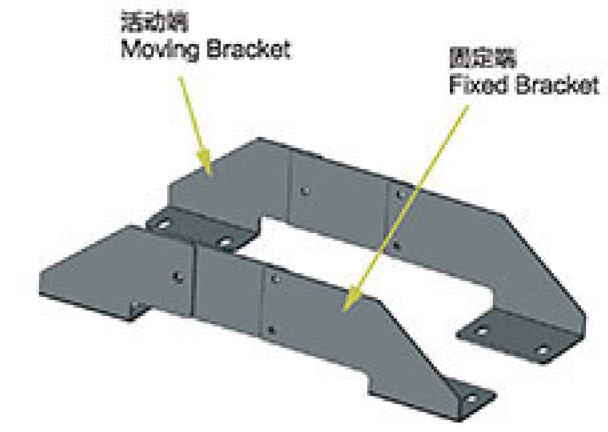
此表中括号内数据为英寸 The unit for all of the figures are inches

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)	
CL66		66 (2.60)	100~600 (3.94~23.62)	106(4.17)	154~654 (6.06~25.75)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例 Order details **CL66100 * R150 * 1000mm * 2**

R	Hₗ	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	406 (15.98)	310 (12.20)	670 (26.38)	99 (3.90)
200 (7.87)	506 (19.92)	410 (16.14)	825 (32.48)	99 (3.90)
250 (9.84)	606 (23.86)	510 (20.08)	985 (38.78)	99 (3.90)
300 (11.81)	706 (27.80)	610 (24.02)	1140 (44.88)	99 (3.90)
350 (13.78)	806 (31.73)	710 (27.95)	1300 (51.18)	99 (3.90)
400 (15.75)	906 (35.67)	810 (31.89)	1455 (57.28)	99 (3.90)
500 (19.69)	1106 (43.54)	1010 (39.76)	1770 (69.69)	99 (3.90)

CL66 拖链–拖链接头
CL66 Cable Chain–Mounting Bracket

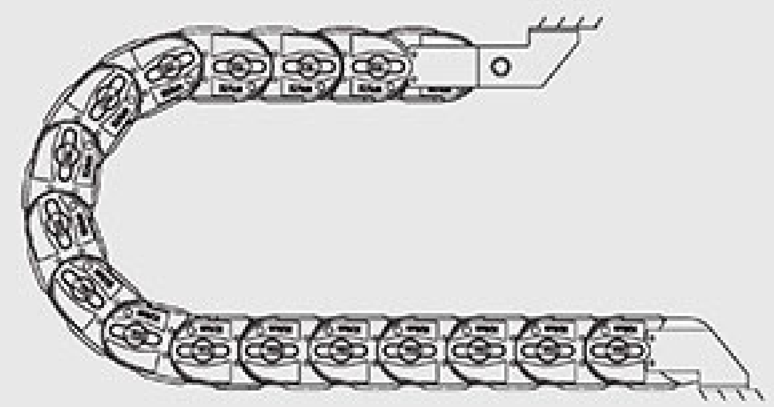


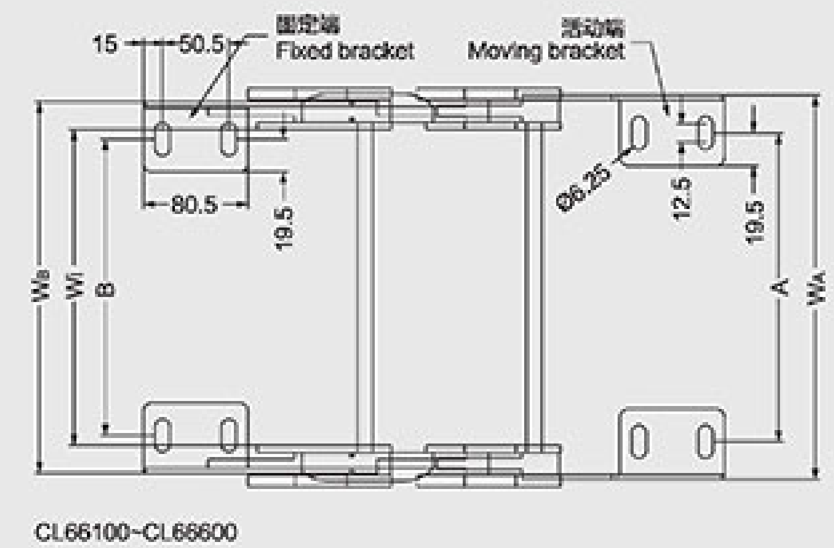
钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀&耐摩擦
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Anti-corrosion, Rub-resistance
- Can realize the internal and external connections

接头安装方式 Installation methods





拖链型号 Type	主体编码 Main body code	A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB
		mm	mm	mm	mm
CL66	13003	(Wi-12)	(Wi+54)	(Wi-30)	(Wi+45)

产品代码结构 Part Number Structure

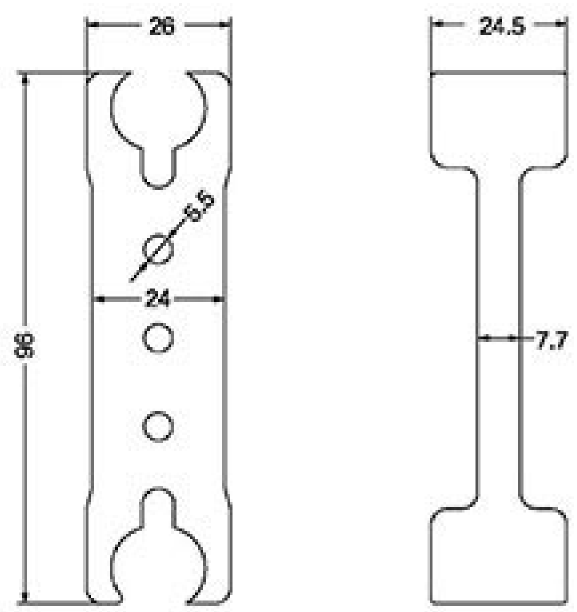
CL66100*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL66100*B*n	两端接头 On both brackets
CL66100*f*n	固定端接头 Fixed bracket
CL66100*m*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.

CL66 拖链-隔离片
CL66 Cable Chain-Separator



CL66拖链隔离片编码：11008
The separator No. for CL66: 11008

- 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，可以根据线缆排布进行滑动

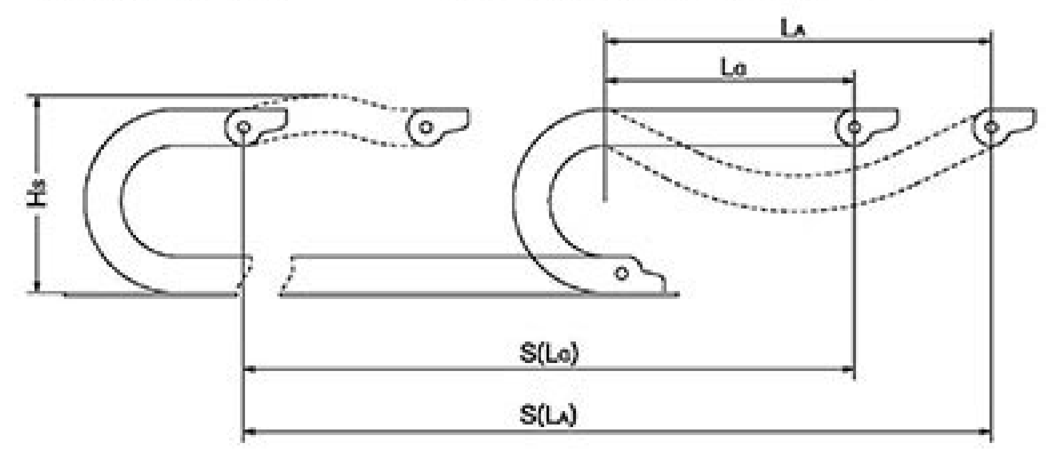
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be set up as customers' requires
- Separator can be moved for different cable

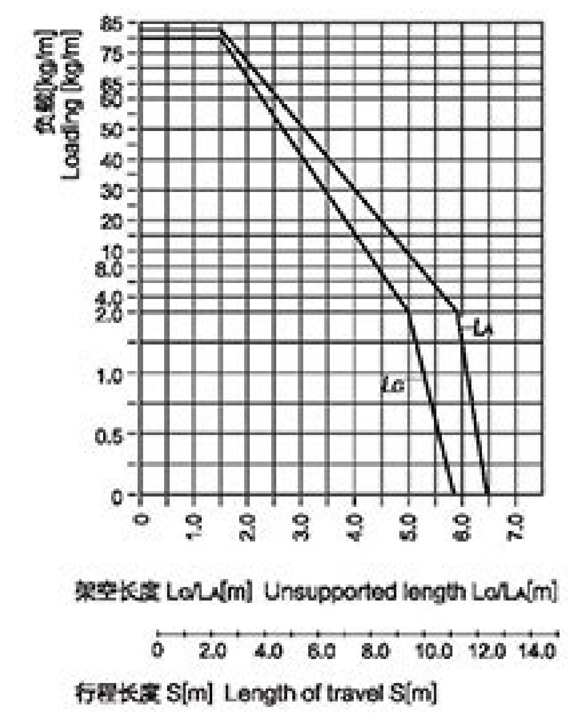
CL88 拖链-安装尺寸及技术参数
CL88 Cable Chain-Installation Dimensions and Technical Parameters

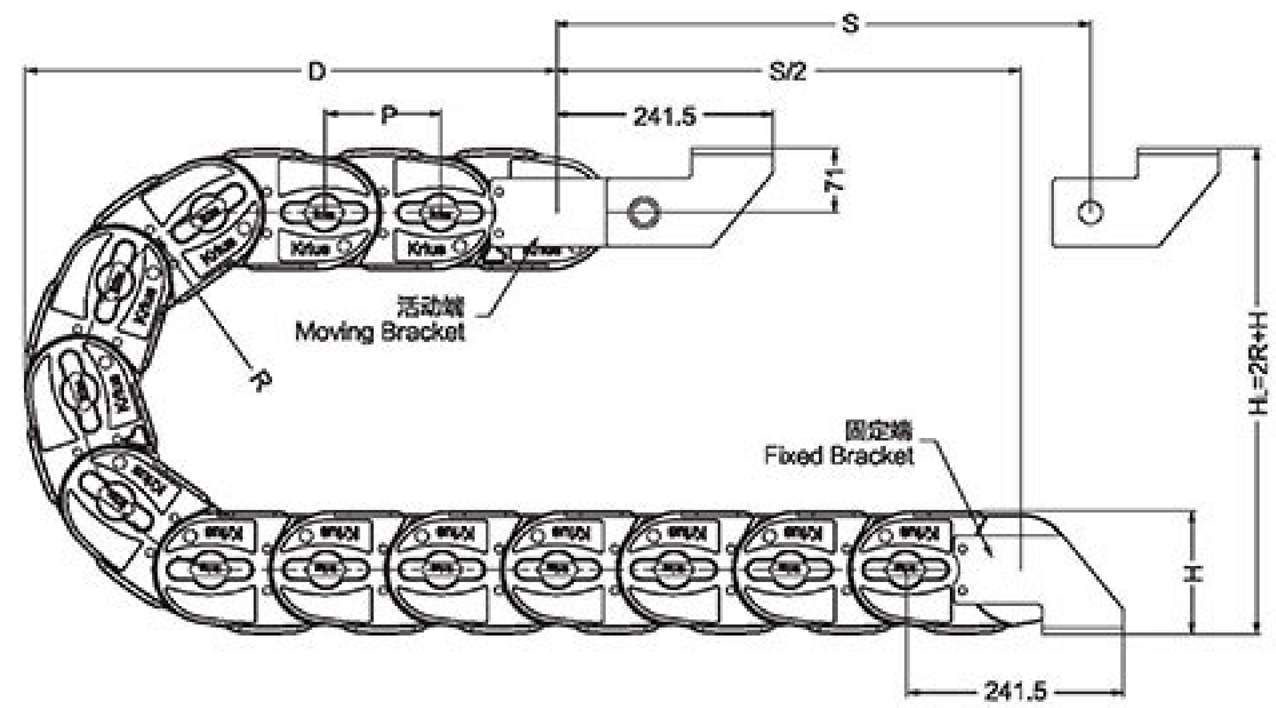
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全垂臆架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π·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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π·R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	539 (21.22)	410 (16.14)	885 (34.84)	128 (5.04)
250 (9.84)	639 (25.16)	510 (20.08)	1040 (40.94)	128 (5.04)
300 (11.81)	739 (29.09)	610 (24.02)	1200 (47.24)	128 (5.04)
350 (13.78)	839 (33.03)	710 (27.95)	1355 (53.35)	128 (5.04)
400 (15.75)	939 (36.97)	810 (31.89)	1510 (59.45)	128 (5.04)
500 (19.69)	1139 (44.84)	1010 (39.76)	1825 (71.85)	128 (5.04)

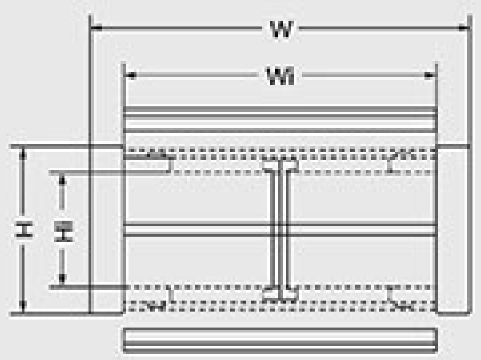
实际安装高度: H_S=H_L+140mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=8（1024mm）

The required clearance height: H_S=H_L+5.51in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=8（40.31 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

CL88 拖链-产品规格范围
CL88 Cable Chain-Product specifications

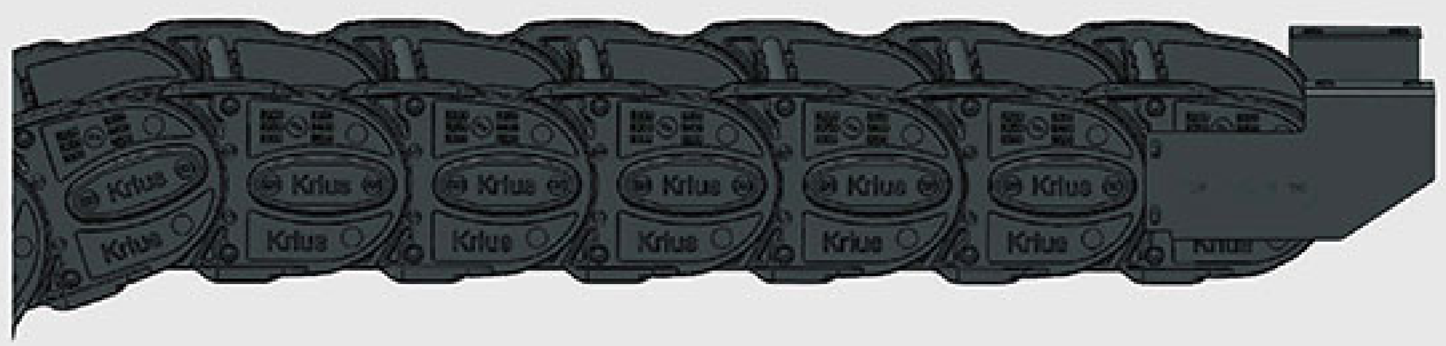
CL88拖链-铝杆长度可订制 CL88 Cable Chain-The Al bar length can be customized



产品代码结构
Part Number Structure

CL88100*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)



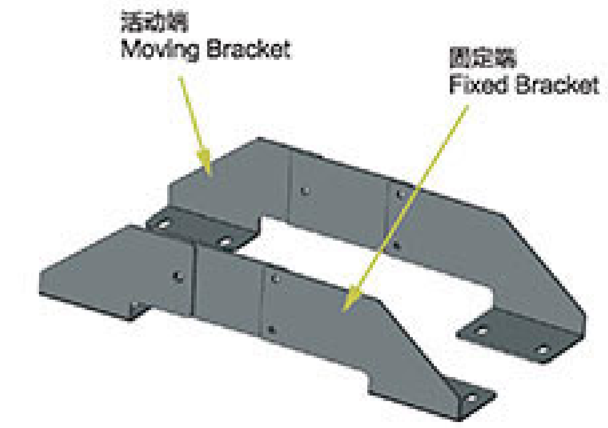
此表中括号内数据为英寸 The unit for all of the figures are inches

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)	
CL88		89 (3.50)	100~600 (3.94~23.62)	139 (5.47)	144~644 (5.67~25.35)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例 Order details **CL88100 * R200 * 1000mm * 2**

R	H.	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	539 (21.22)	410 (16.14)	885 (34.84)	128 (5.04)
250 (9.84)	639 (25.16)	510 (20.08)	1040 (40.94)	128 (5.04)
300 (11.81)	739 (29.09)	610 (24.02)	1200 (47.24)	128 (5.04)
350 (13.78)	839 (33.03)	710 (27.95)	1355 (53.35)	128 (5.04)
400 (15.75)	939 (36.97)	810 (31.89)	1510 (59.45)	128 (5.04)
500 (19.69)	1139 (44.84)	1010 (39.76)	1825 (71.85)	128 (5.04)

CL88 拖链-拖链接头
CL88 Cable Chain-Mounting Bracket

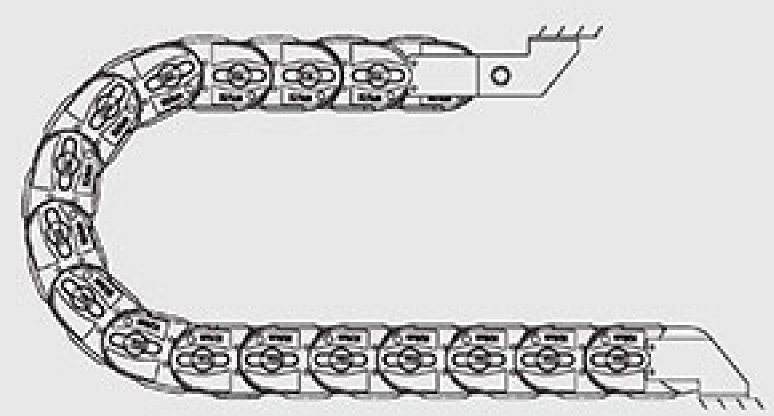


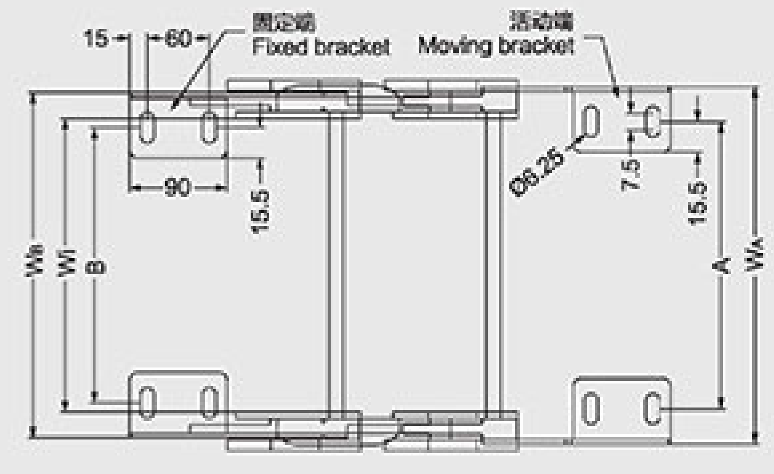
钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀&耐磨擦
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Anti-corrosion, Rub-resistance
- Can realize the internal and external connections

接头安装方式 Installation methods





CL88100~CL88600

拖链型号 Type	编码 Code		A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB
			mm	mm	mm	mm
CL88	主体 Main Body	11251	(Wi-14)	(Wi+45)	(Wi-24.5)	(Wi+34.5)
	隔离片 Separator	11260				
	固定片 Fixed plate	11262				

产品代码结构 Part Number Structure

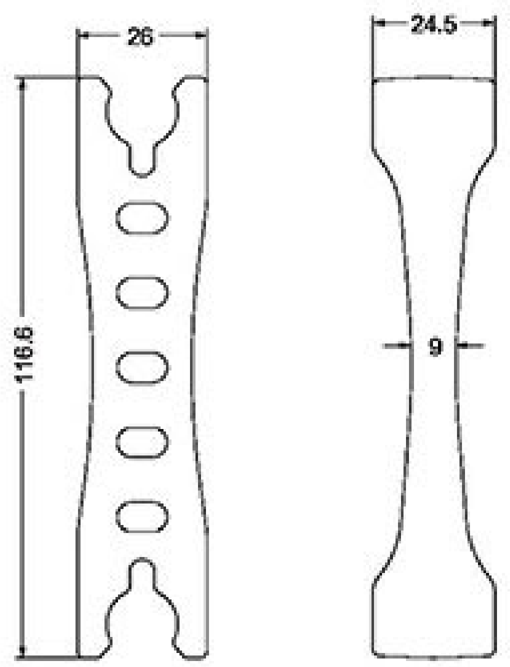
CL88100*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL88100*B*n	两端接头 On both brackets
CL88100*f*n	固定端接头 Fixed bracket
CL88100*m*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.

CL88 拖链-隔离片
CL88 Cable Chain-Separator



CL88拖链隔离片编码：11260
The separator No. for CL88: 11260

- 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，可以根据线缆排布进行滑动

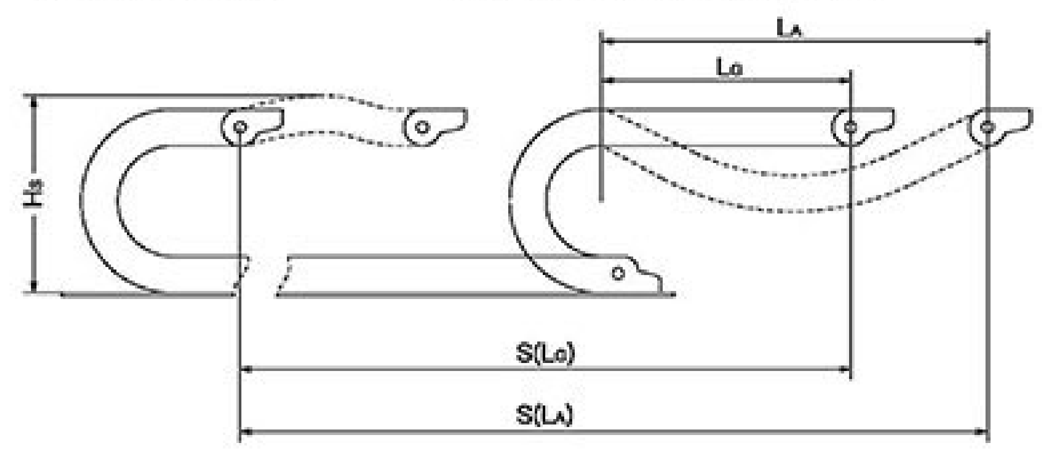
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

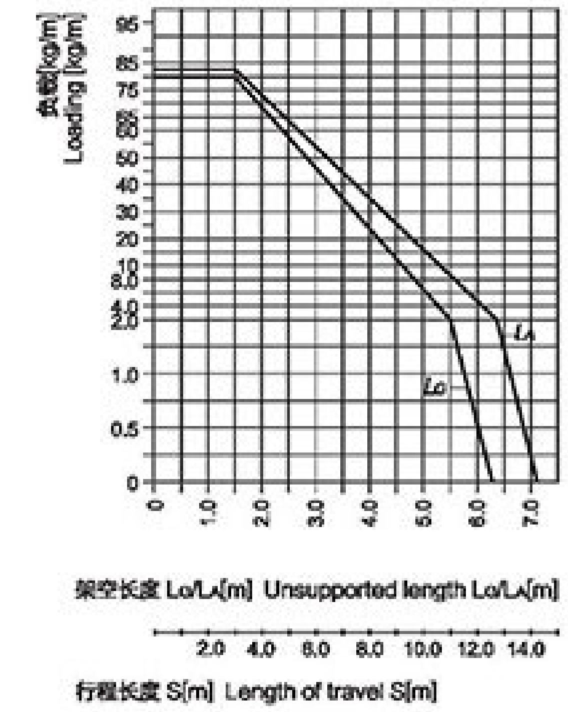
CL108 拖链-安装尺寸及技术参数
CL108 Cable Chain-Installation Dimensions and Technical Parameters

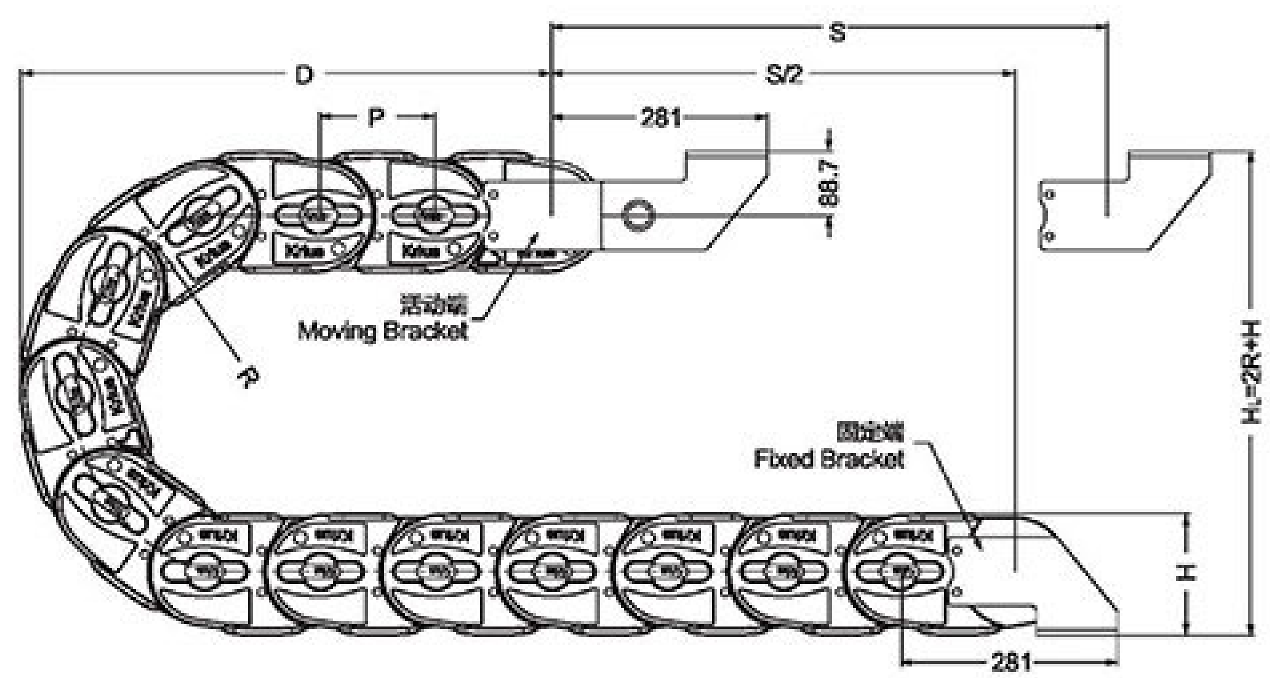
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
300 (11.81)	765.5 (30.14)	610 (24.02)	1250 (49.21)	155 (6.10)
400 (15.75)	965.5 (38.01)	810 (31.89)	1565 (61.61)	155 (6.10)
500 (19.69)	1165.5 (45.89)	1010 (39.76)	1880 (74.01)	155 (6.10)
600 (23.62)	1365.5 (53.76)	1210 (47.64)	2195 (86.42)	155 (6.10)

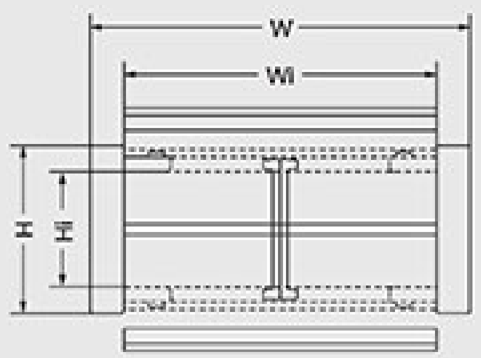
实际安装高度: H_S=H_L+150mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=7（1085mm）

The required clearance height: H_S=H_L+5.91in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=7（42.72in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

CL108 拖链-产品规格范围
CL108 Cable Chain-Product specifications

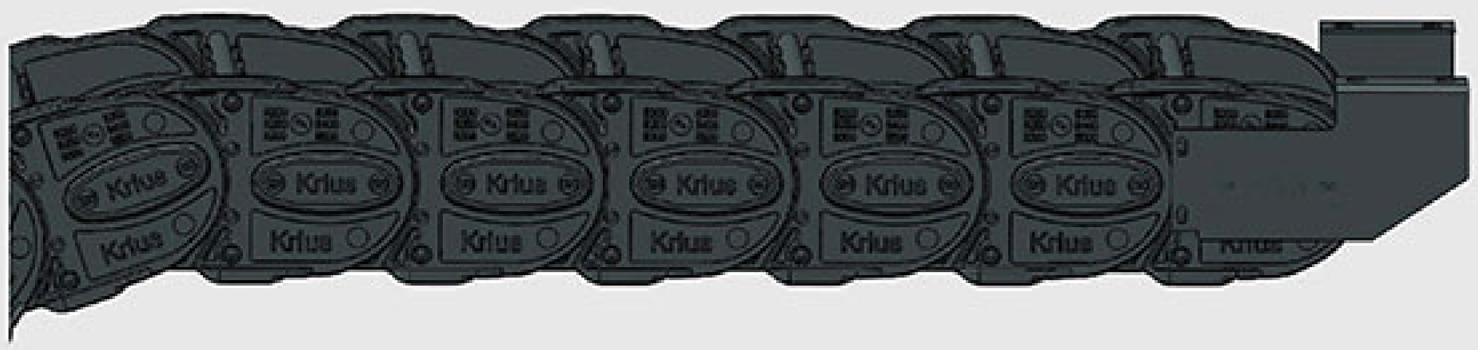
CL108拖链-铝杆长度可订制 CL108 Cable Chain-The Al bar length can be customized



产品代码结构
Part Number Structure

CL108150*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)



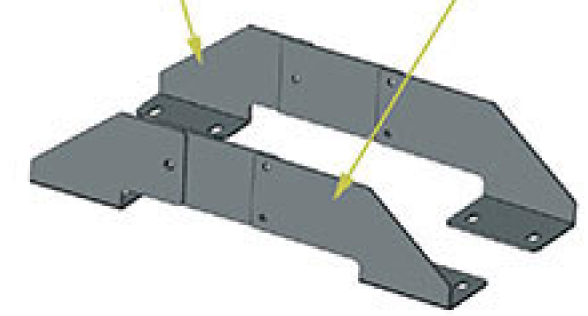
此表中括号内数据为英寸 The unit for all of the figures are inches

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 (ibs/ft)	
CL108		110.2 (4.34)	150~650 (5.91~25.59)	165.5 (6.52)	202~702 (7.95~27.64)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例 Order details **CL108150 * R200 * 1000mm * 2**

R	Hı	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
300 (11.81)	765.5 (30.14)	610 (24.02)	1250 (49.21)	155 (6.10)
400 (15.75)	965.5 (38.01)	810 (31.89)	1565 (61.61)	155 (6.10)
500 (19.69)	1165.5 (45.89)	1010 (39.76)	1880 (74.01)	155 (6.10)
600 (23.62)	1365.5 (53.76)	1210 (47.64)	2195 (86.42)	155 (6.10)

CL108 拖链-拖链接头
CL108 Cable Chain-Mounting Bracket

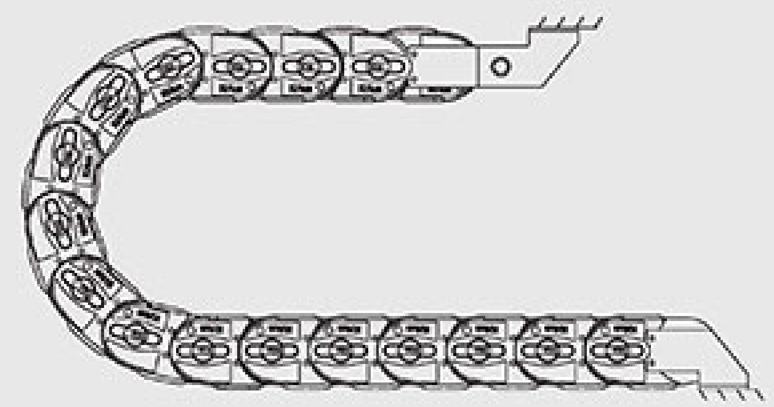


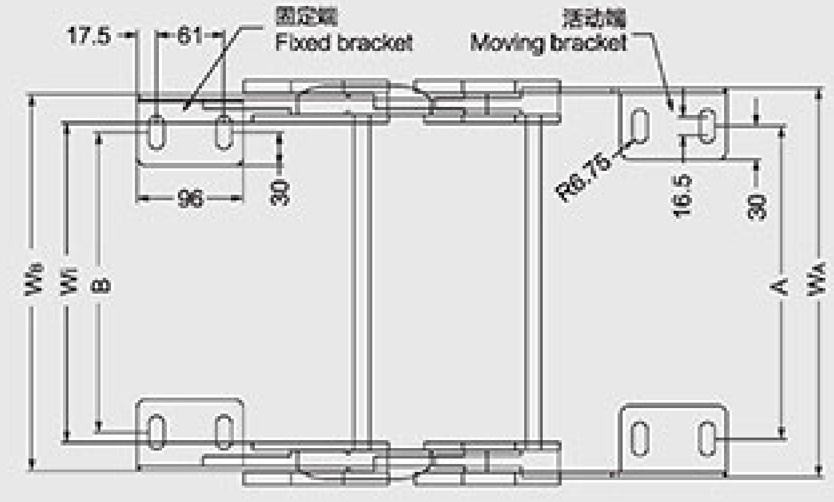
钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

接头安装方式 Installation methods





CL108150~CL108650

拖链型号 Type	编码 Code		A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB
			mm	mm	mm	mm
CL108	主体 Main Body	11263	(Wi-14)	(Wi+55)	(Wi-31.5)	(Wi+37.5)
	隔离片 Separator	11266				
	固定片 Fixed plate	11264				
	耐磨片 Anti-friction plate	11265				

产品代码结构 Part Number Structure

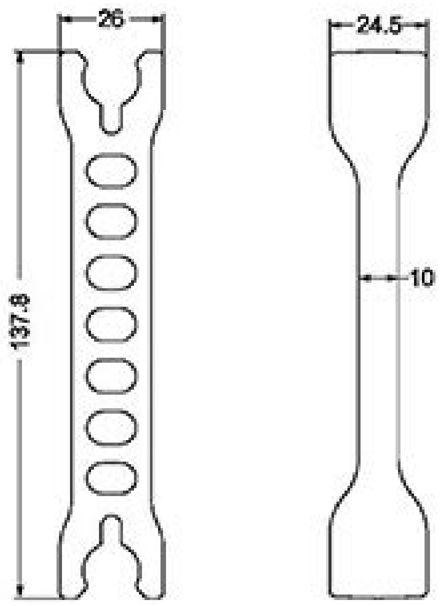
CL108150*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL108100*B*n	两端接头 On both brackets
CL108100*f*n	固定端接头 Fixed bracket
CL108100*m*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.

CL108 拖链-隔离片
CL108 Cable Chain-Separator



CL108拖链隔离片编码：11266
The separator No. for CL108: 11266

- 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，可以根据线缆排布进行滑动

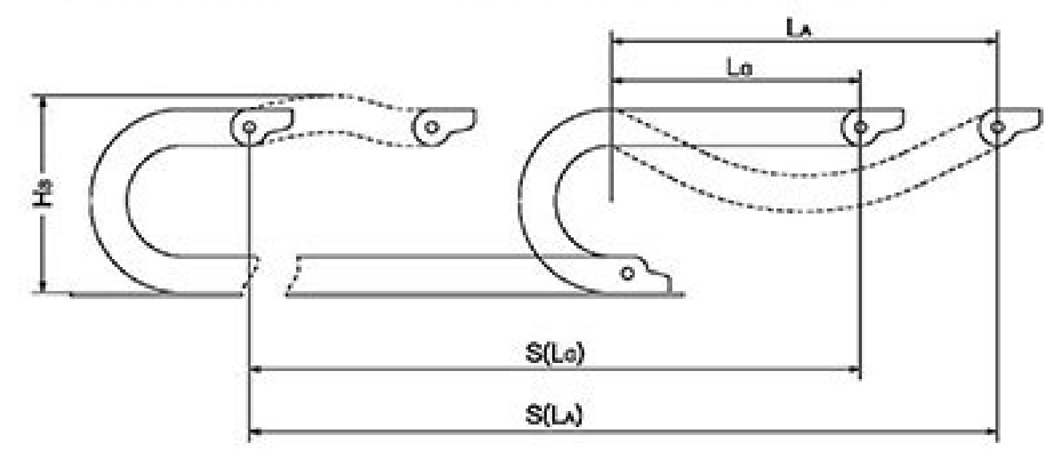
- Vertical separators are available to choose which can make the vertical division, and also we can customize horizontal Al separator for horizontal division
- Vertical separators can be placed into each link or different quantity links, it can be customized
- Separator can be moved for different cable

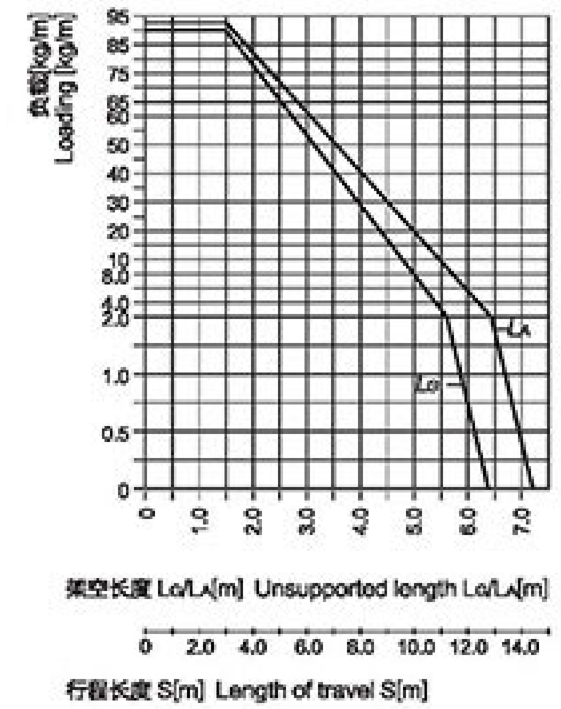
CL108 拖链 CL108 Cable Chain

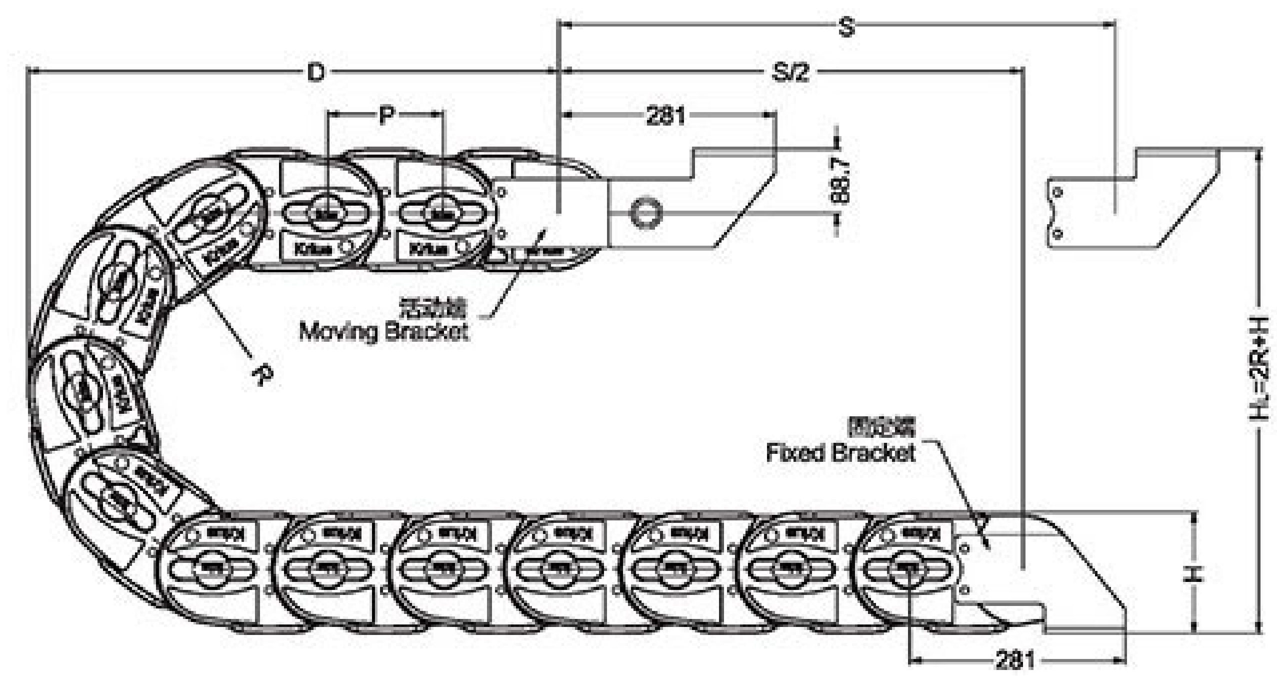
CL110 拖链-安装尺寸及技术参数
CL110 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全垂腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
300 (11.81)	765.5 (30.14)	610 (24.02)	1250 (49.21)	155 (6.10)
400 (15.75)	965.5 (38.01)	810 (31.89)	1565 (61.61)	155 (6.10)
500 (19.69)	1165.5 (45.89)	1010 (39.76)	1880 (74.01)	155 (6.10)
600 (23.62)	1365.5 (53.76)	1210 (47.64)	2195 (86.42	155 (6.10)

实际安装高度: Hs=HL+150mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=7（1085mm）

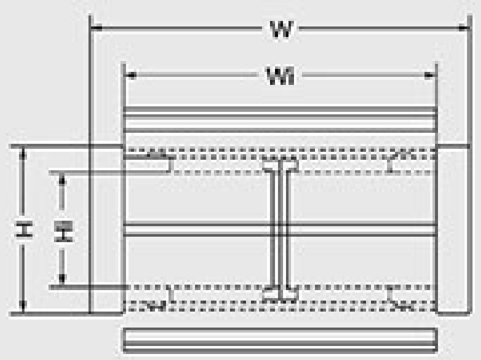
The required clearance height: Hs=HL+5.91in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=7（42.72in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

CL110 拖链 CL110 Cable Chain

CL110 拖链-产品规格范围
CL110 Cable Chain-Product specifications

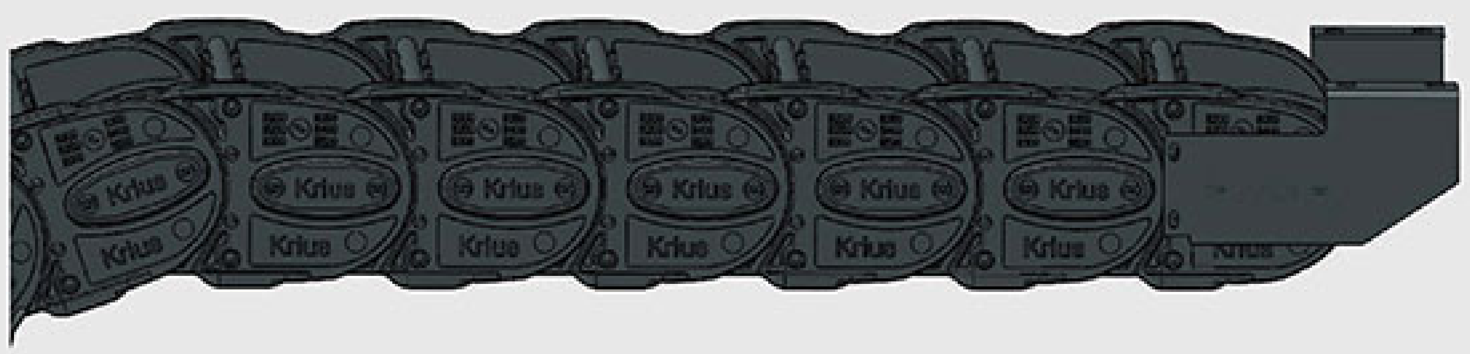
CL110拖链-内外侧可开 CL110 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

CL110150*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)



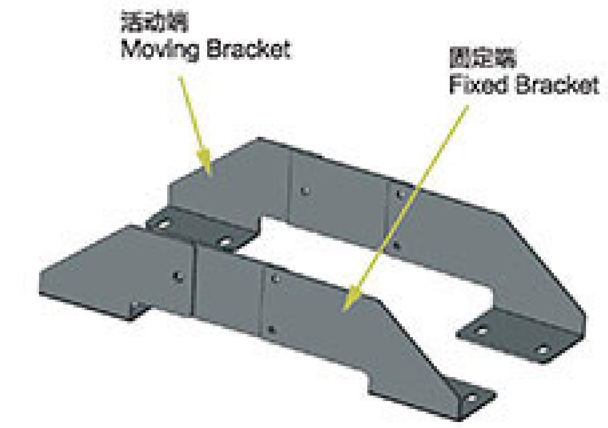
此表中括号内数据为英寸 The unit for all of the figures are inches

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 (ibs/ft)	
CL110		110.2 (4.34)	150~650 (5.91~25.59)	165.5 (6.52)	202~702 (7.95~27.64)		铝杆长度可在内宽范围内进行订制 The Al bar length can be customized with in the limits of below the inner width

订货范例 Order details **CL110150 * R200 * 1000mm * 2**

R	HL	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
200 (7.87)	565.5 (22.26)	410 (16.14)	940 (37.01)	155 (6.10)
300 (11.81)	765.5 (30.14)	610 (24.02)	1250 (49.21)	155 (6.10)
400 (15.75)	965.5 (38.01)	810 (31.89)	1565 (61.61)	155 (6.10)
500 (19.69)	1165.5 (45.89)	1010 (39.76)	1880 (74.01)	155 (6.10)
600 (23.62)	1365.5 (53.76)	1210 (47.64)	2195 (86.42	155 (6.10)

CL110 拖链-拖链接头
CL110 Cable Chain-Mounting Bracket

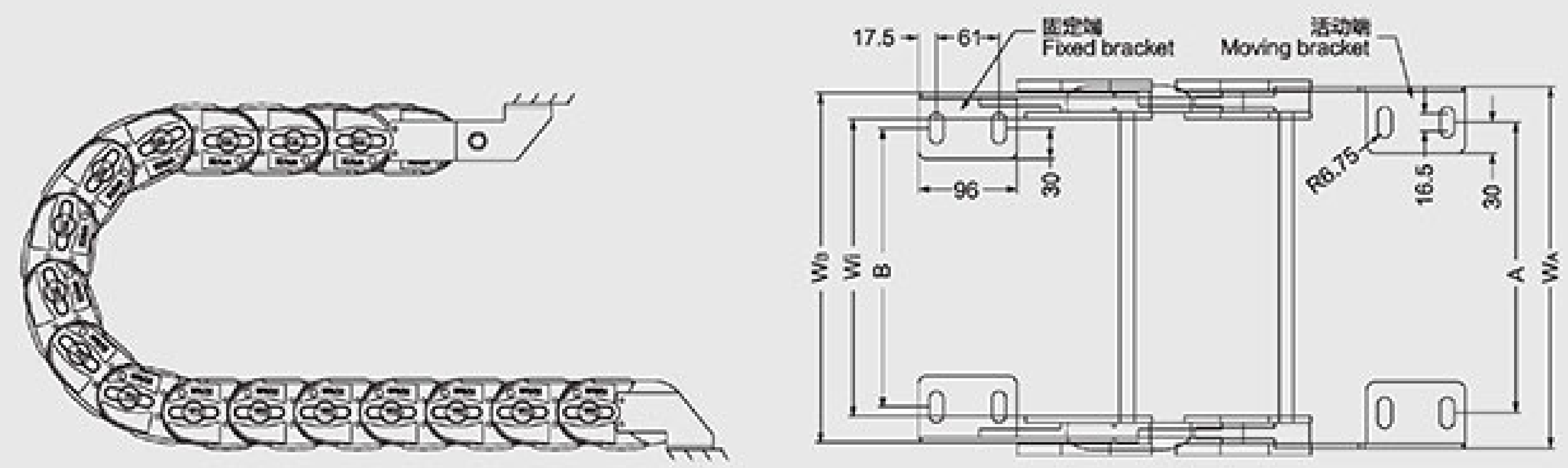


钢制接头，分体式 SUS304

- 双侧独立式钢制接头
- 耐腐蚀＆耐摩擦
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Anti-corrosion, Rub-resistance
- Can realize the internal and external connections

接头安装方式 Installation methods



CL110150~CL110650

拖链型号 Type	编码 Code	A尺寸 Dimension A	WA尺寸 Dimension WA	B尺寸 Dimension B	WB尺寸 Dimension WB
		mm	mm	mm	mm
CL110	主体 Main Body 11263 隔离片 Separator 11266 固定片 Fixed plate 11264 耐磨片 Anti-friction plate 11265	(Wi-14)	(Wi+55)	(Wi-31.5)	(Wi+37.5)

产品代码结构 Part Number Structure

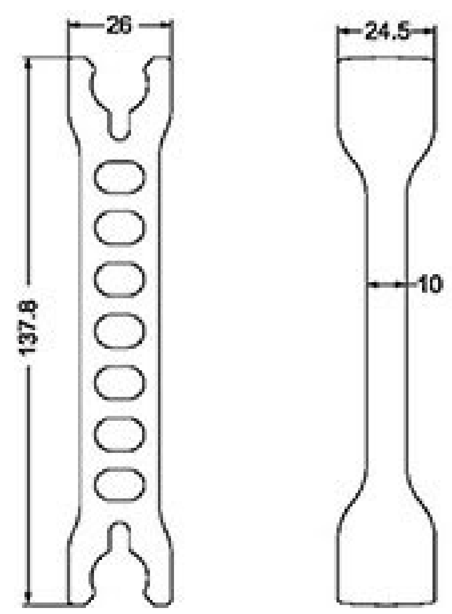
CL110150*A+B

- 安装方式 (Installation Methods)
- 内宽 (Inner Width)
- 型号 (Type)

CL110150*B*n	两端接头 On both brackets
CL110150*f*n	固定端接头 Fixed bracket
CL110150*m*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.

CL110 拖链–隔离片
CL110 Cable Chain–Separator

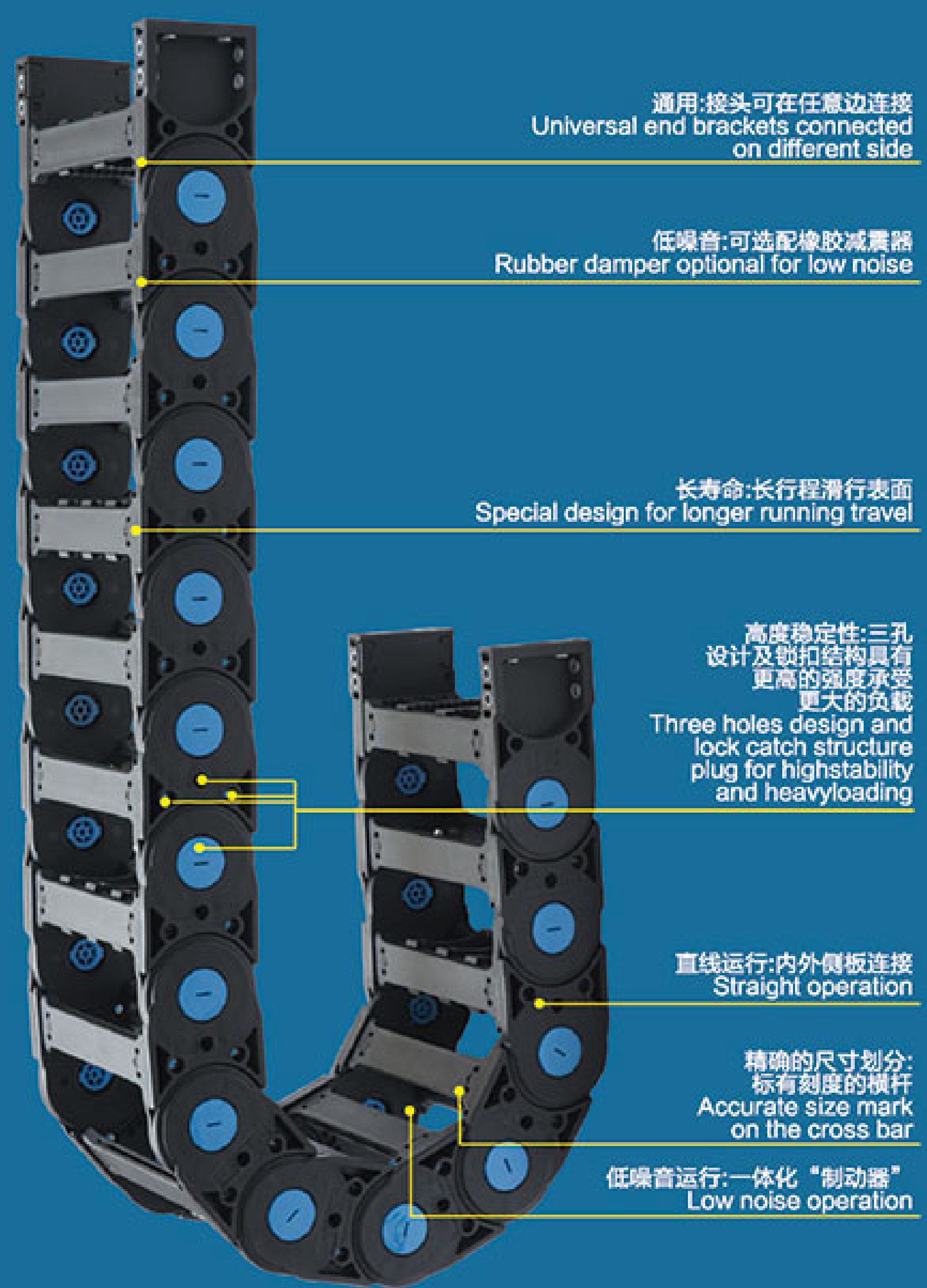


CL110拖链隔离片编码：11266
The separator No. for CL110: 11266

- 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，可以根据线缆排布进行滑动

- 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 be moved for different cable

Krius® 科瑞斯



HEAVY
loading type multifunctional Cable Chain
强力型多功能拖链

强力型多功能拖链
Heavy loading type multifunctional 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

承载重
High Loading

功能特点 Features & Benefits

- 横杆在内外侧均可打开
- 阻燃等级UL94 V-2
- 配有双侧独立式带梳状片接头
- 外形设计美观、大方、防尘
- 耐摩擦、耐腐蚀，滑行应用
- 用于高速及高加速度的环境下
- 可以组装成"S"型拖链(仅适用于ZLQ和ZHQ系列拖链)

- Cross bars can be opened along inwards and outwards radius
- Flammability class UL94 V-2
- Separate mounting bracket with tie warp plate on both side
- Beautiful and decent appearance design and dustproof
- Anti-corrosion, Rub-resistance, Gliding application
- Can be used in high speed and high acceleration environment
- Assembled as S-shaped chain (Only for ZLQ and ZHQ Series Cable Chain)

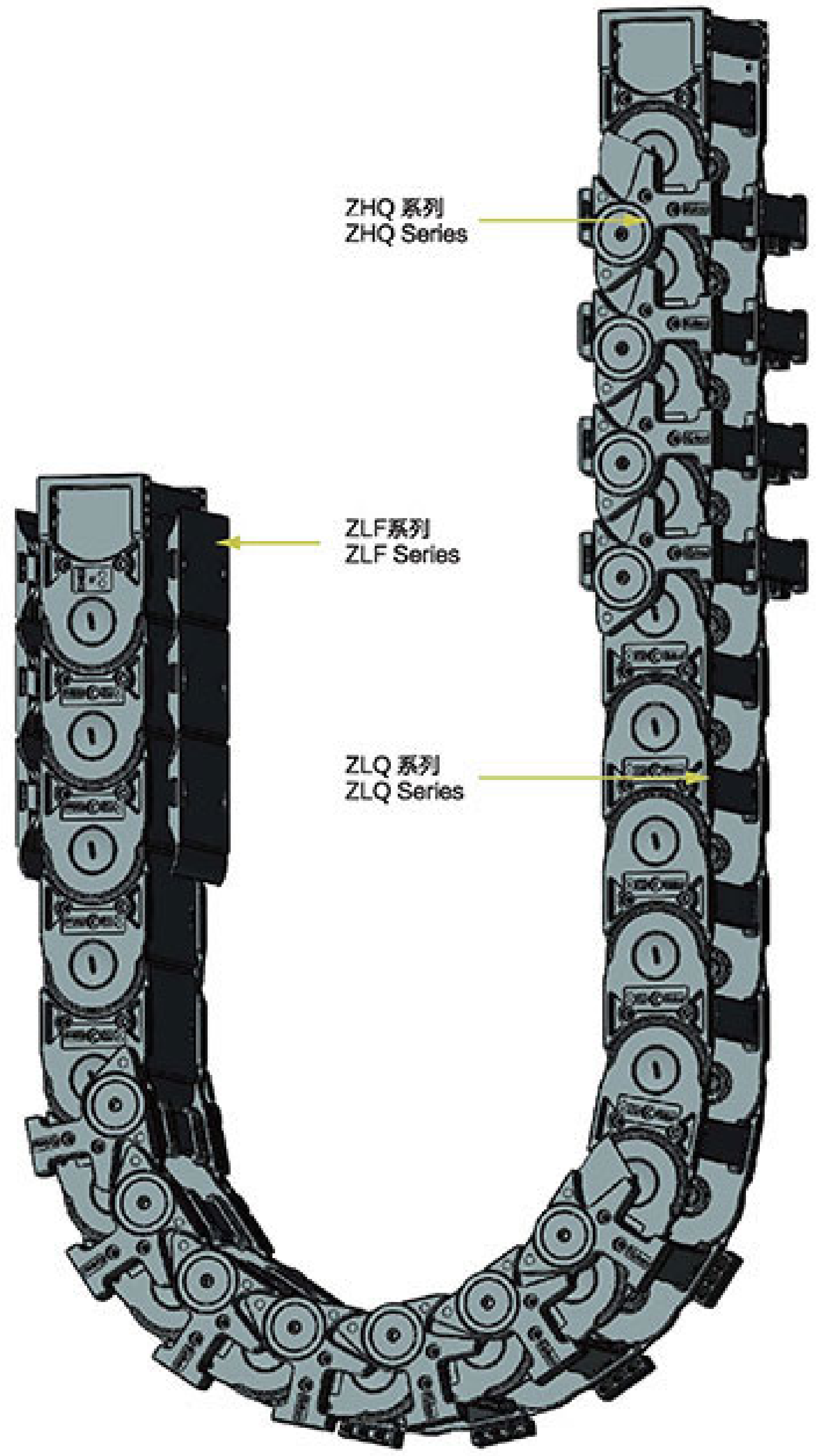
强力型拖链的适用场合 Application

- 长距离
- 摩擦滑行，对拖链的摩擦损耗较大的场合

- For long distance running
- Gliding with friction, for the heavy friction application

强力型拖链的不适用场合 Not applicable

- 较短节距，短行程
- Not for short pitch or short travel



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11节
Please mark the length or link number, such as 1 meter or 11 links

ZLQ55100*R150*1000*2
(2条长度1米的拖链，每隔1个链节，装2个竖隔片)
(2 pieces of 1-meter-long cable chain, two vertical separators on every link)

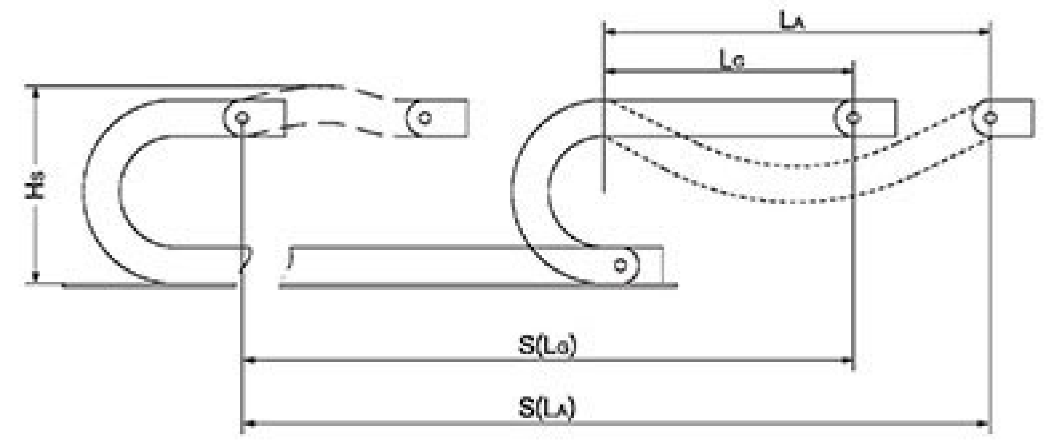
ZLQ55100*B*T1*1+C型槽
(1副接头，T1安装方式)
(1 piece of connector, T1 installation method)

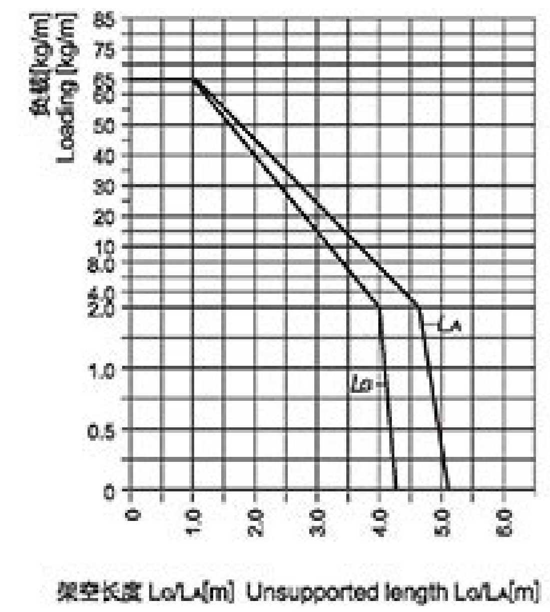
ZLQ55 拖链－安装尺寸及技术参数
ZLQ55 Cable Chain-Installation Dimensions and Technical Parameters

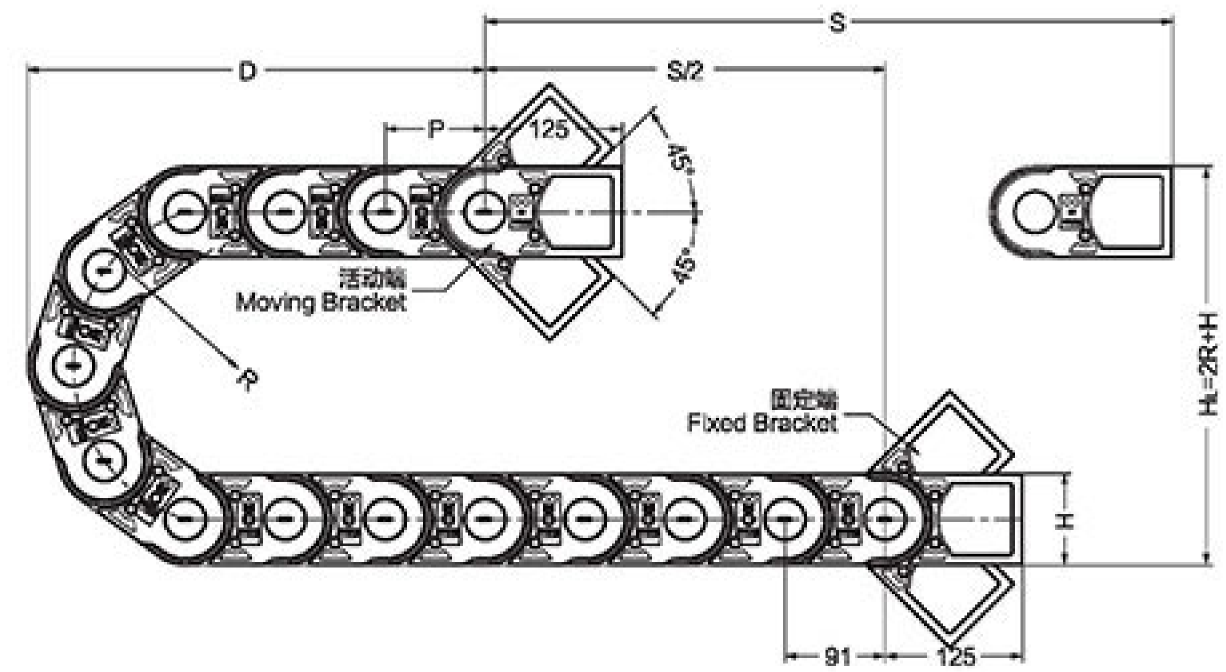
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =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
H_L =Nominal clearance height
H_S =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	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
130 (5.12)	344 (13.54)	270 (10.63)	590 (23.23)	91 (3.58)
150 (5.91)	384 (15.12)	310 (12.20)	655 (25.79)	91 (3.58)
175 (6.89)	434 (17.09)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	484 (19.06)	410 (16.14)	810 (31.89)	91 (3.58)
225 (8.86)	534 (21.02)	460 (18.11)	890 (35.04)	91 (3.58)
250 (9.84)	584 (22.99)	510 (20.08)	970 (38.19)	91 (3.58)
300 (11.81)	684 (26.93)	610 (24.02)	1125 (44.29)	91 (3.58)
350 (13.78)	784 (30.87)	710 (27.95)	1280 (50.39)	91 (3.58)
400 (15.75)	884 (34.80)	810 (31.89)	1440 (56.69)	91 (3.58)

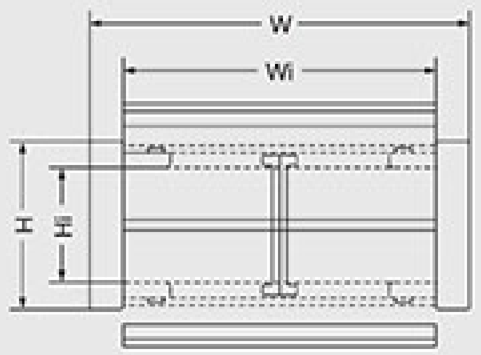
实际安装高度: $H_S=H_L+85mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=11（1001mm）

The required clearance height: $H_S=H_L+3.35in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=11（39.41 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.5[m/s]/max.12[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZLQ55 拖链-产品规格范围
ZLQ55 Cable Chain-Product specifications

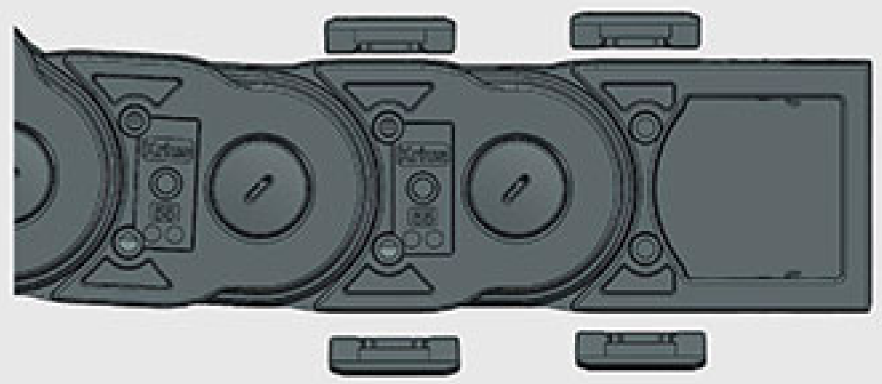
ZLQ55拖链-内外侧可开 ZLQ55 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

ZLQ55100*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)

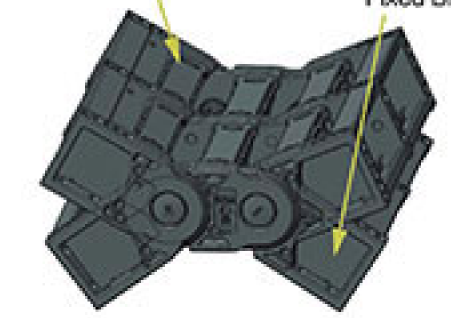


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm(in.)	mm(in.)	mm(in.)	mm(in.)	mm(in.)	kg/m(ibs/ft)	
ZLQ5575			75(2.95)		123(4.84)	3.67(2.50)	
ZLQ55100			100(3.94)		148(5.83)	3.87(2.63)	
ZLQ55125			125(4.92)		173(6.81)	4.04(2.75)	
ZLQ55150			150(5.91)		198(7.80)	4.24(2.88)	
ZLQ55175			175(6.89)		223(8.78)	4.44(3.02)	
ZLQ55200			200(7.87)		248(9.76)	4.64(3.16)	
ZLQ55250			250(9.84)		298(11.73)	5.00(3.40)	
ZLQ55300		55(2.17)	300(11.81)	84(3.31)	348(13.70)	5.35(3.64)	
ZLQ55350			350(13.78)		398(15.67)	5.72(3.89)	
ZLQ55400			400(15.75)		448(17.64)	6.12(4.16)	
ZLQ55450			450(17.72)		498(19.61)	6.52(4.43)	
ZLQ55500			500(19.69)		548(21.57)	6.93(4.71)	
ZLQ55550			550(21.65)		598(23.54)	7.35(5.00)	
ZLQ55600			600(23.62)		648(25.51)	9.79(6.66)	

订货范例 Order details **ZLQ5575 * R150 * 1000mm * 2**

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
130 (5.12)	344 (13.54)	270 (10.63)	590 (23.23)	91 (3.58)
150 (5.91)	384 (15.12)	310 (12.20)	655 (25.79)	91 (3.58)
175 (6.89)	434 (17.09)	360 (14.17)	730 (28.74)	91 (3.58)
200 (7.87)	484 (19.06)	410 (16.14)	810 (31.89)	91 (3.58)
225 (8.86)	534 (21.02)	460 (18.11)	890 (35.04)	91 (3.58)
250 (9.84)	584 (22.99)	510 (20.08)	970 (38.19)	91 (3.58)
300 (11.81)	684 (26.93)	610 (24.02)	1125 (44.29)	91 (3.58)
350 (13.78)	784 (30.87)	710 (27.95)	1280 (50.39)	91 (3.58)
400 (15.75)	884 (34.80)	810 (31.89)	1440 (56.69)	91 (3.58)

ZLQ55 拖链-拖链接头
ZLQ55 Cable Chain-Mounting Bracket

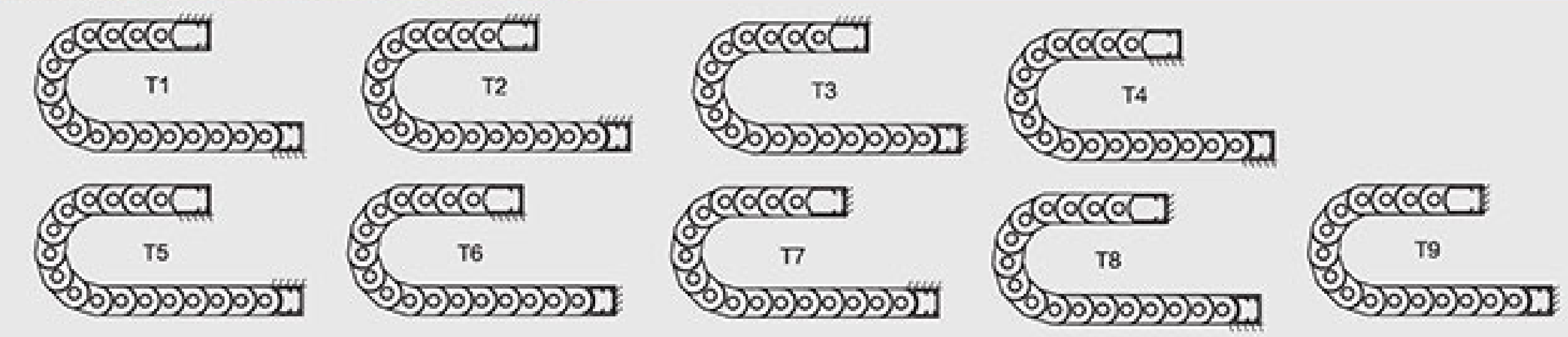


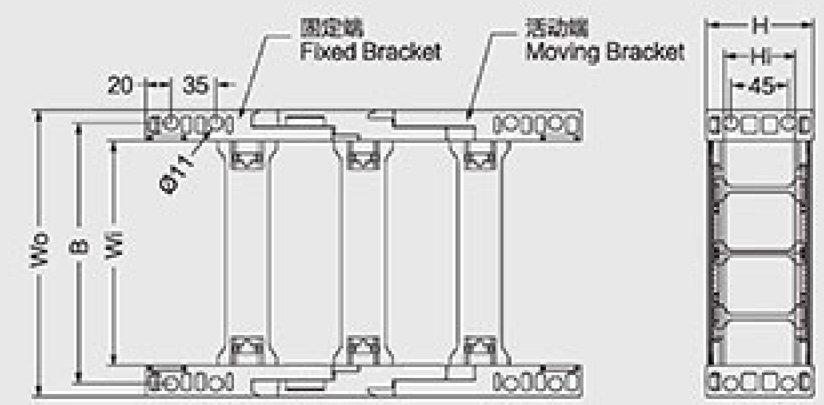
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





ZLQ5575 / ZLQ55100 / ZLQ55125 / ZLQ55150 / ZLQ55175
ZLQ55200 / ZLQ55250 / ZLQ55300 / ZLQ55350 / ZLQ55400
ZLQ55500 / ZLQ55550 / ZLQ55600

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZLQ5575	13074			123 (4.84)	103 (4.06)
ZLQ55100	13075	接头 Mounting Bracket	13073	148 (5.83)	128 (5.04)
ZLQ55125	13076			173 (6.81)	153 (6.02)
ZLQ55150	13077	主体 Main Body	13072	198 (7.80)	178 (7.01)
ZLQ55175	13078			223 (8.78)	203 (7.99)
ZLQ55200	13079	竖隔离片 Vertical separator	13089	248 (9.76)	228 (8.98)
ZLQ55250	13080			298 (11.73)	278 (10.94)
ZLQ55300	13093	横隔离片 Horizontal separator	13086	348 (13.70)	328 (12.91)
ZLQ55350	13085	横隔插片 Transverse septum	13087	398 (15.67)	378 (14.88)
ZLQ55400	13102			448 (17.64)	428 (16.85)
ZLQ55450	13103	L400隔离杆 Separator of Length with 400mm	13090	498 (19.61)	478 (18.81)
ZLQ55500	13103			548 (21.57)	528 (20.79)
ZLQ55550	13104	锁扣 Fixed Button	13092	598 (23.54)	578 (22.76)
ZLQ55600	13104			648 (25.51)	628 (24.72)

产品代码结构 Part Number Structure

ZLQ55100*B*T1

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

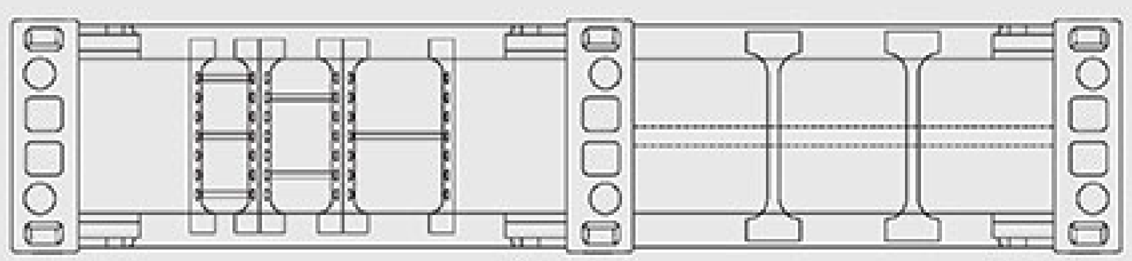
ZLQ55100*B*T1*n 两端接头 On both brackets
ZLQ55100*f*T1*n 固定端接头 Fixed bracket
ZLQ55100*m*T1*n 活动端接头 Moving bracket

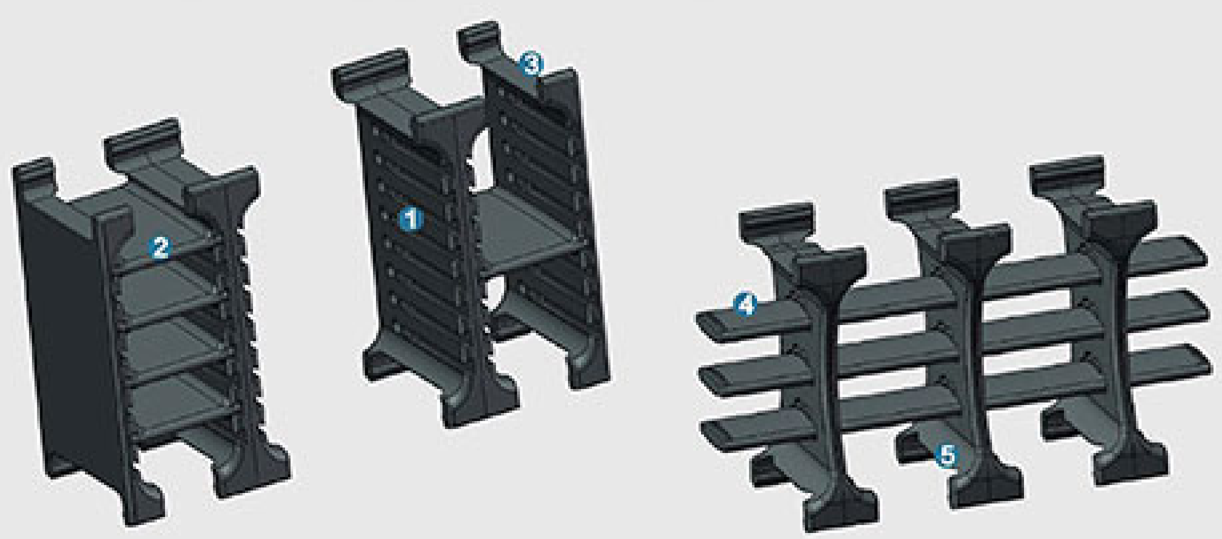
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZLQ55 拖链-隔离片
ZLQ55 Cable Chain-Separator

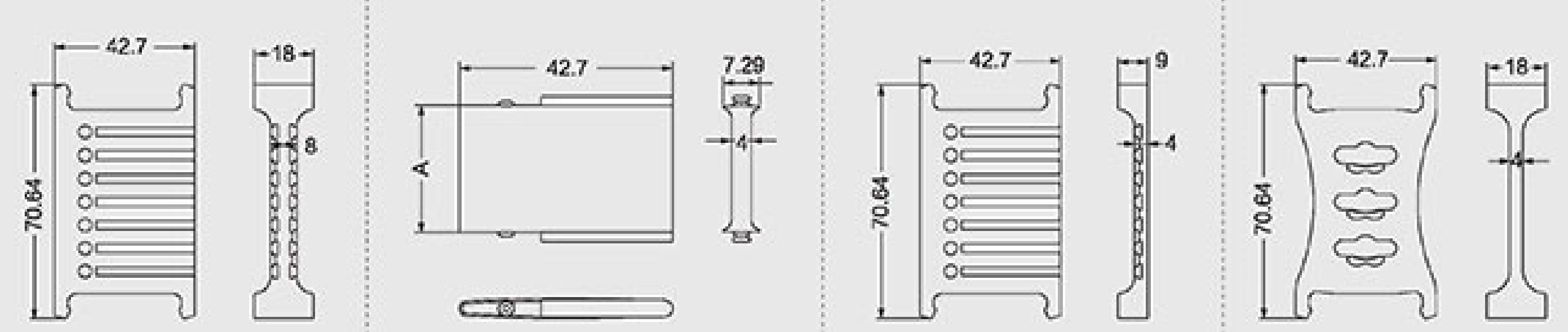
- 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
- 隔离元件的数量可以根据客户的实际需求进行配备
- 竖隔（插）片可以根据线缆排布进行滑动

- The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning
- The number of isolated components can be equipped according to the actual needs of customers
- Vertical separator can be moved for different cables





单位（Unit）：mm



ZLQ55和ZHQ55共用
The separator No. for ZLQ55 and ZHQ55 are same parts:

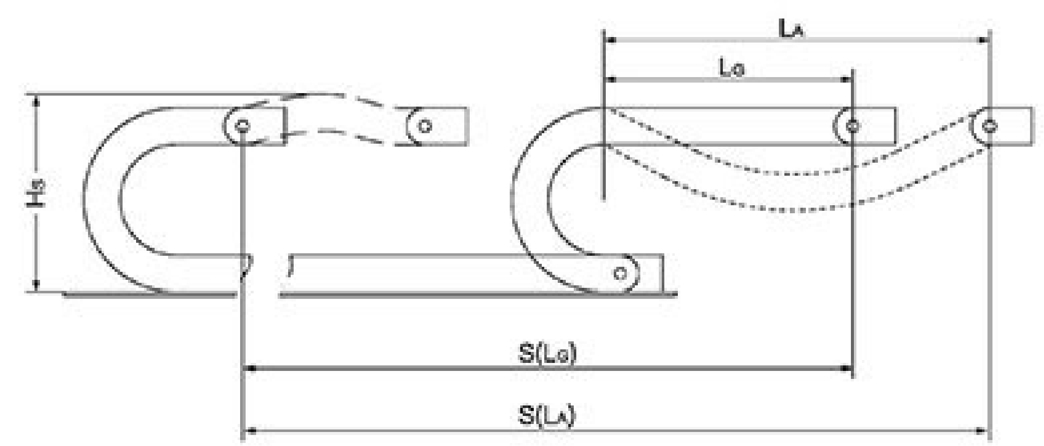
❶ 竖隔离片（Vertical Separator） 13089
❷ 横隔插片（Transverse Septum） 13087
❸ 竖隔离片（Vertical Separator） 13089
❹ 横隔离片（Horizontal Separator） 13086
❺ 竖隔离片（Vertical Separator） 13089

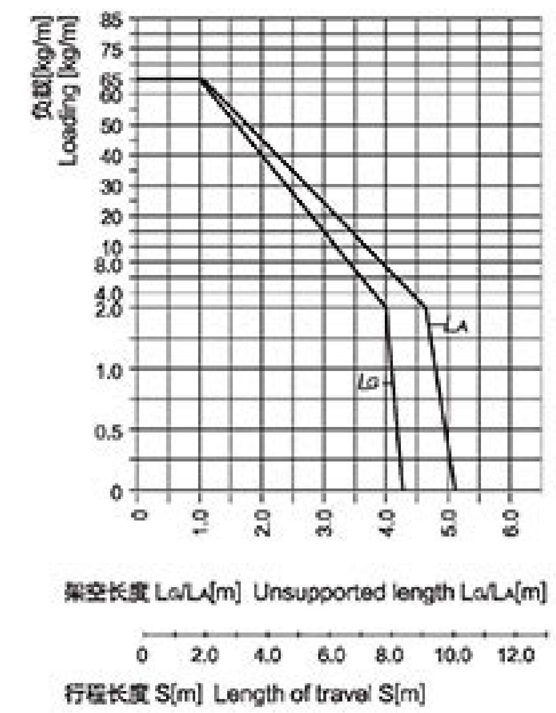
注(Note)：A=25mm,30mm,40mm,50mm,60mm,70mm

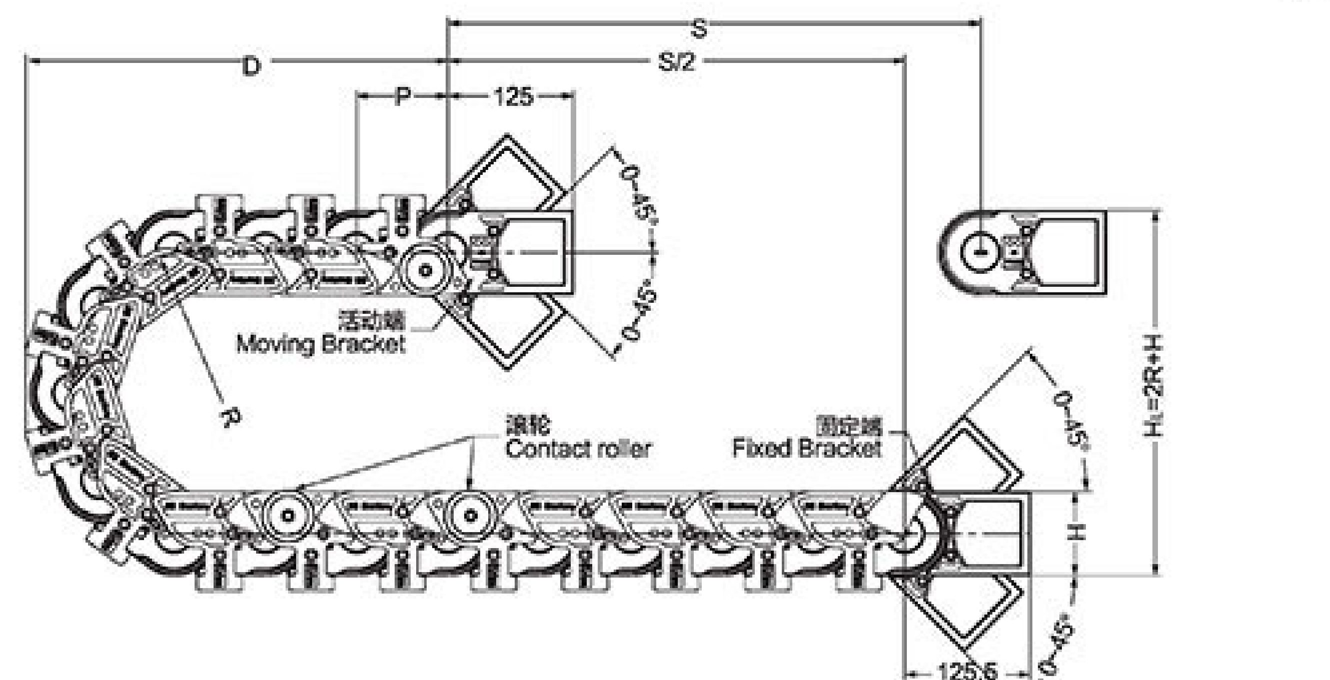
ZHQ55 拖链-安装尺寸及技术参数
ZHQ55 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
130(5.12)	359(14.13)	270(10.63)	590(23.23)	91(3.58)
150(5.91)	399(15.71)	310(12.20)	655(25.79)	91(3.58)
175(6.89)	449(17.68)	360(14.17)	730(28.74)	91(3.58)
200(7.87)	499(19.65)	410(16.14)	810(31.89)	91(3.58)
225(8.86)	549(21.61)	460(18.11)	890(35.04)	91(3.58)
250(9.84)	599(23.58)	510(20.08)	970(38.19)	91(3.58)
300(11.81)	699(27.52)	610(24.02)	1125(44.29)	91(3.58)
350(13.78)	799(31.46)	710(27.95)	1280(50.39)	91(3.58)
400(15.75)	899(35.39)	810(31.89)	1440(56.69)	91(3.58)

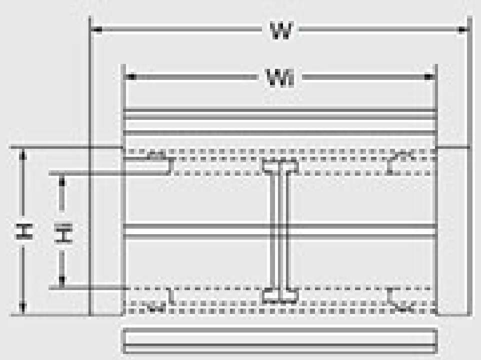
实际安装高度: $H_S=H_L+85mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=11（1001mm）

The required clearance height: $H_S=H_L+3.35in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=11（39.41in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZHQ55 拖链-产品规格范围
ZHQ55 Cable Chain-Product specifications

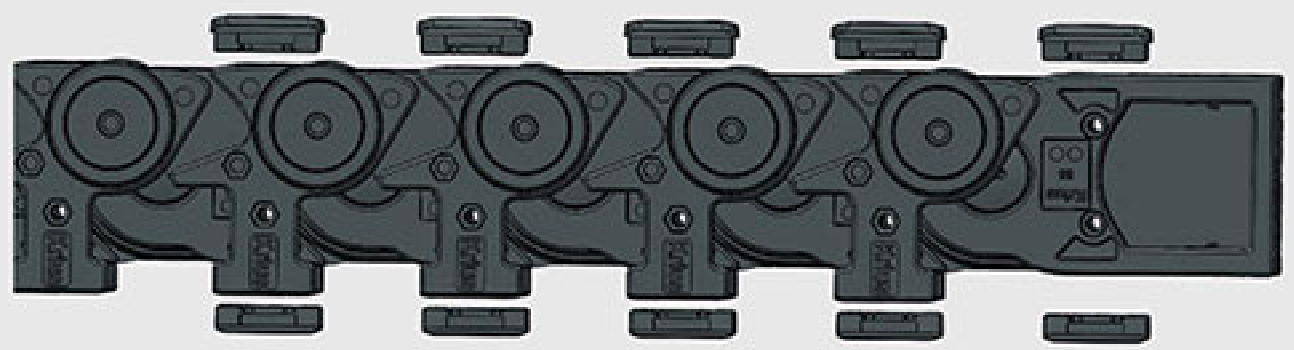
ZHQ55拖链-内外侧可开 ZHQ55 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

ZHQ55100*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)

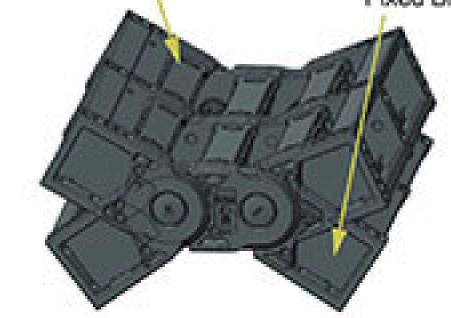


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
ZHQ5575			75 (2.95)		173 (6.81)	4.63 (3.15)	
ZHQ55100			100 (3.94)		198 (7.80)	4.84 (3.29)	
ZHQ55125			125 (4.92)		223 (8.78)	5.03 (3.42)	
ZHQ55150			150 (5.91)		248 (9.76)	5.21 (3.54)	
ZHQ55175			175 (6.89)		273 (10.75)	5.47 (3.72)	
ZHQ55200			200 (7.87)		298 (11.73)	5.68 (3.86)	
ZHQ55250			250 (9.84)		348 (13.70)	6.08 (4.13)	
ZHQ55300		55 (2.17)	300 (11.81)	99 (3.90)	398 (15.67)	6.46 (4.39)	
ZHQ55350			350 (13.78)		448 (17.64)	6.88 (4.68)	
ZHQ55400			400 (15.75)		498 (19.61)	7.33 (4.98)	
ZHQ55450			450 (17.72)		548 (21.57)	7.77 (5.28)	
ZHQ55500			500 (19.69)		598 (23.54)	8.21 (5.58)	
ZHQ55550			550 (21.65)		648 (25.51)	8.65 (5.88)	
ZHQ55600			600 (23.62)		698 (27.48)	9.09 (6.18)	

订货范例 Order details **ZHQ5575 * R100 * 1000mm * 2**

R	Hₗ	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
130(5.12)	359(14.13)	270(10.63)	590(23.23)	91(3.58)
150(5.91)	399(15.71)	310(12.20)	655(25.79)	91(3.58)
175(6.89)	449(17.68)	360(14.17)	730(28.74)	91(3.58)
200(7.87)	499(19.65)	410(16.14)	810(31.89)	91(3.58)
225(8.86)	549(21.61)	460(18.11)	890(35.04)	91(3.58)
250(9.84)	599(23.58)	510(20.08)	970(38.19)	91(3.58)
300(11.81)	699(27.52)	610(24.02)	1125(44.29)	91(3.58)
350(13.78)	799(31.46)	710(27.95)	1280(50.39)	91(3.58)
400(15.75)	899(35.39)	810(31.89)	1440(56.69)	91(3.58)

ZHQ55 拖链-拖链接头
ZHQ55 Cable Chain-Mounting Bracket

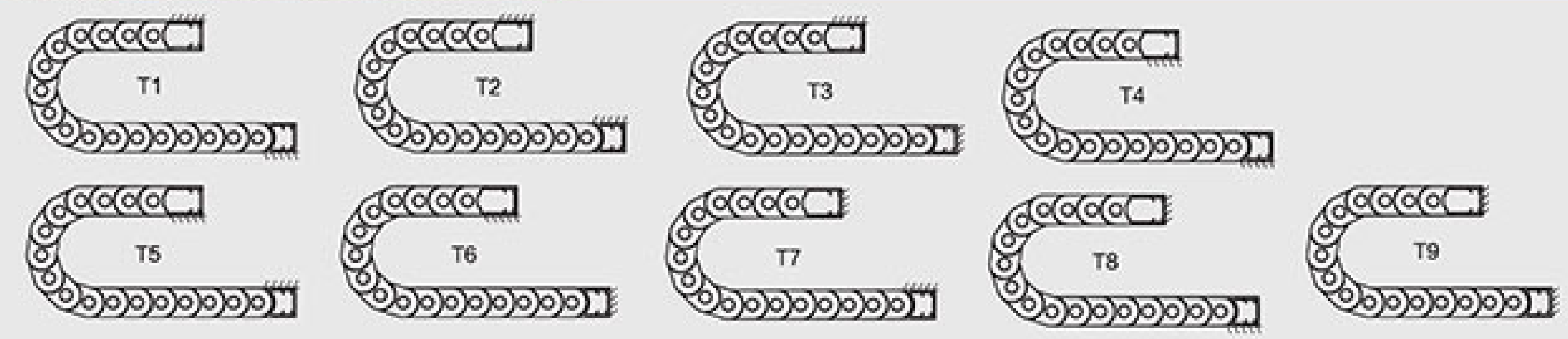


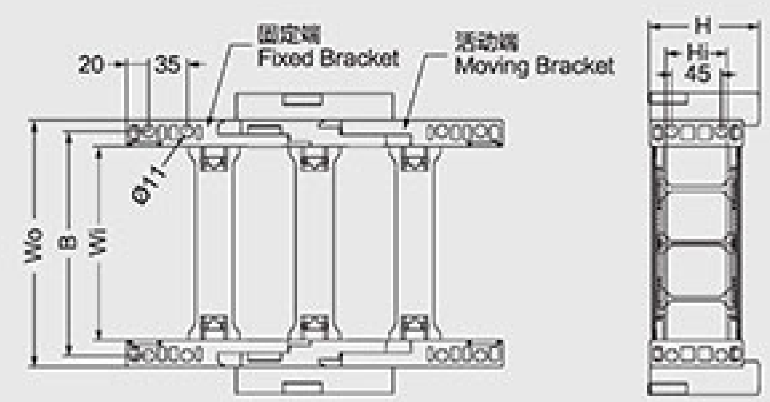
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





ZHQ5575 / ZHQ55100 / ZHQ55125 / ZHQ55150 / ZHQ55175
ZHQ55200 / ZHQ55250 / ZHQ55300 / ZHQ55350 / ZHQ55400
ZHQ55500 / ZHQ55550 / ZHQ55600

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZHQ5575	13074	接头 Mounting Bracket	13073	123 (4.84)	103 (4.06)
ZHQ55100	13075			148 (5.83)	128 (5.04)
ZHQ55125	13076	主体 Main Body	13072	173 (6.81)	153 (6.02)
ZHQ55150	13077	竖隔离片 Vertical separator	13089	198 (7.80)	178 (7.01)
ZHQ55175	13078			223 (8.78)	203 (7.99)
ZHQ55200	13079	横隔离片 Horizontal separator	13086	248 (9.76)	228 (8.98)
ZHQ55250	13080	横隔插片 Transverse septum	13087	298 (11.73)	278 (10.94)
ZHQ55300	13093	L400隔离杆 Separator of Length with 400mm	13090	348 (13.70)	328 (12.91)
ZHQ55350	13085			398 (15.67)	378 (14.88)
ZHQ55400	13102	滚轮 Contact roller	13088	448 (17.64)	428 (16.85)
ZHQ55450	13103	轮架 Frame of wheels	13154	498 (19.61)	478 (18.81)
ZHQ55500	13103	轴销 Axle pin	13191	548 (21.57)	528 (20.79)
ZHQ55550	13104			598 (23.54)	578 (22.76)
ZHQ55600	13104	锁扣 Fixed Button	13092	648 (25.51)	628 (24.72)

产品代码结构 Part Number Structure

ZHQ55100*B*T1

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

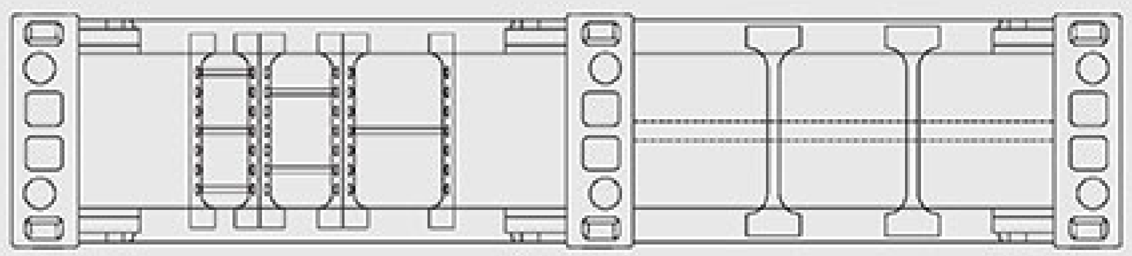
ZHQ55100*B*T1*n	两端接头 On both brackets
ZHQ55100*f*T1*n	固定端接头 Fixed bracket
ZHQ55100*m*T1*n	活动端接头 Moving bracket

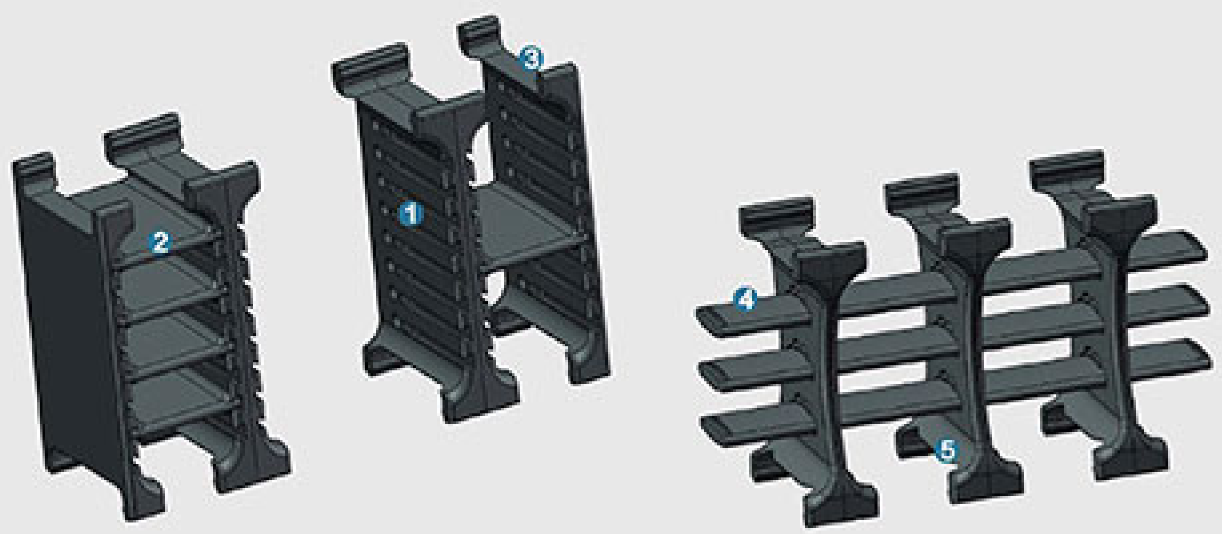
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZHQ55 拖链-隔离片
ZHQ55 Cable Chain-Separator

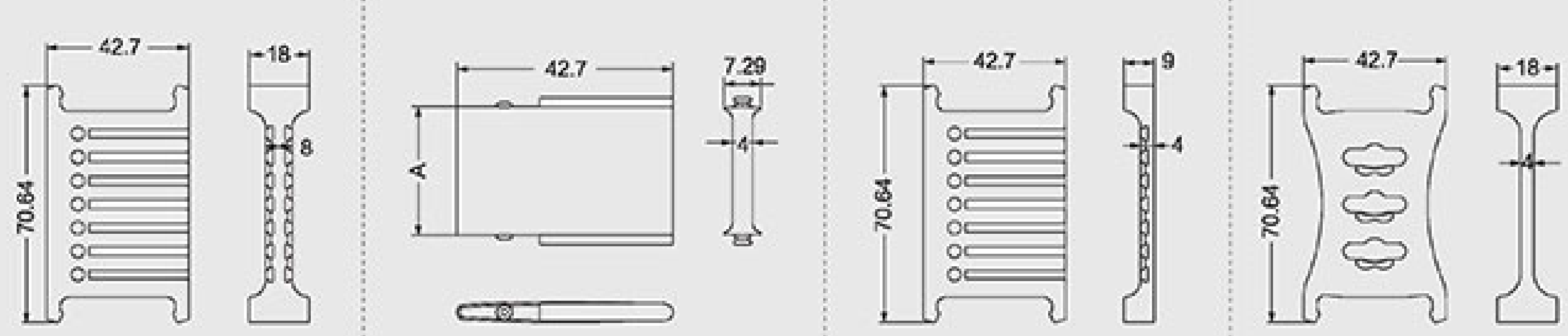
- 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
- 隔离元件的数量可以根据客户的实际需求进行配备
- 竖隔（插）片可以根据线缆排布进行滑动

- The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning
- The number of isolated components can be equipped according to the actual needs of customers
- Vertical separator can be moved for different cables





单位（Unit）：mm



ZLQ55和ZHQ55共用
The separator No. for ZLQ55 and ZHQ55 are same parts:

❶ 竖隔离片	(Vertical Separator)	13089
❷ 横隔插片	(Transverse Septum)	13087
❸ 竖隔离片	(Vertical Separator)	13089
❹ 横隔离片	(Horizontal Separator)	13086
❺ 竖隔离片	(Vertical Separator)	13089

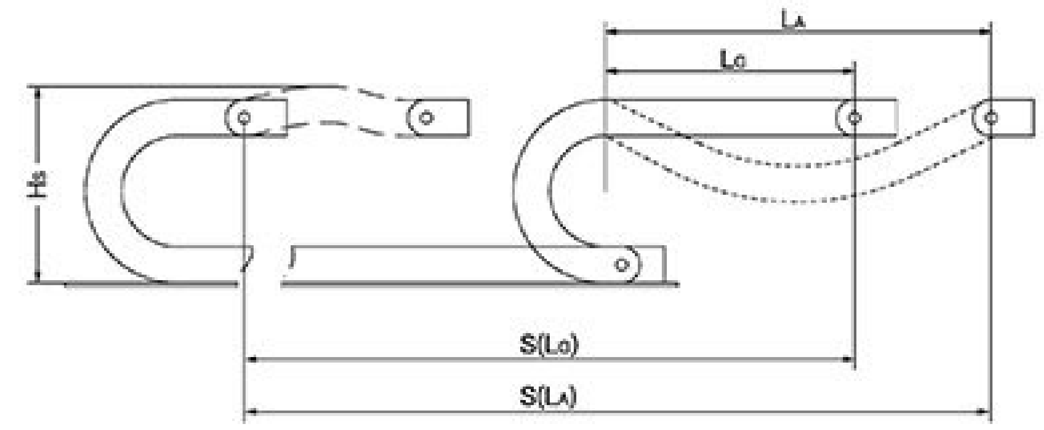
注(Note)：A=25mm,30mm,40mm,50mm,60mm,70mm

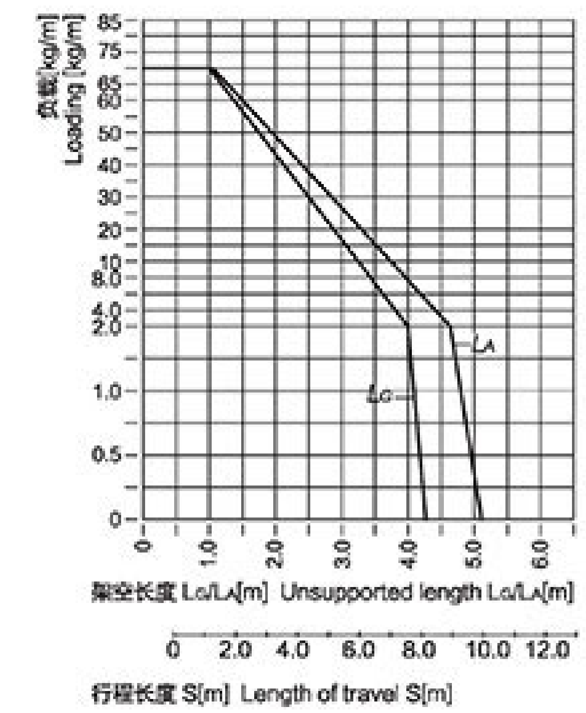
ZLQ62 拖链-安装尺寸及技术参数
ZLQ62 Cable Chain-Installation Dimensions and Technical Parameters

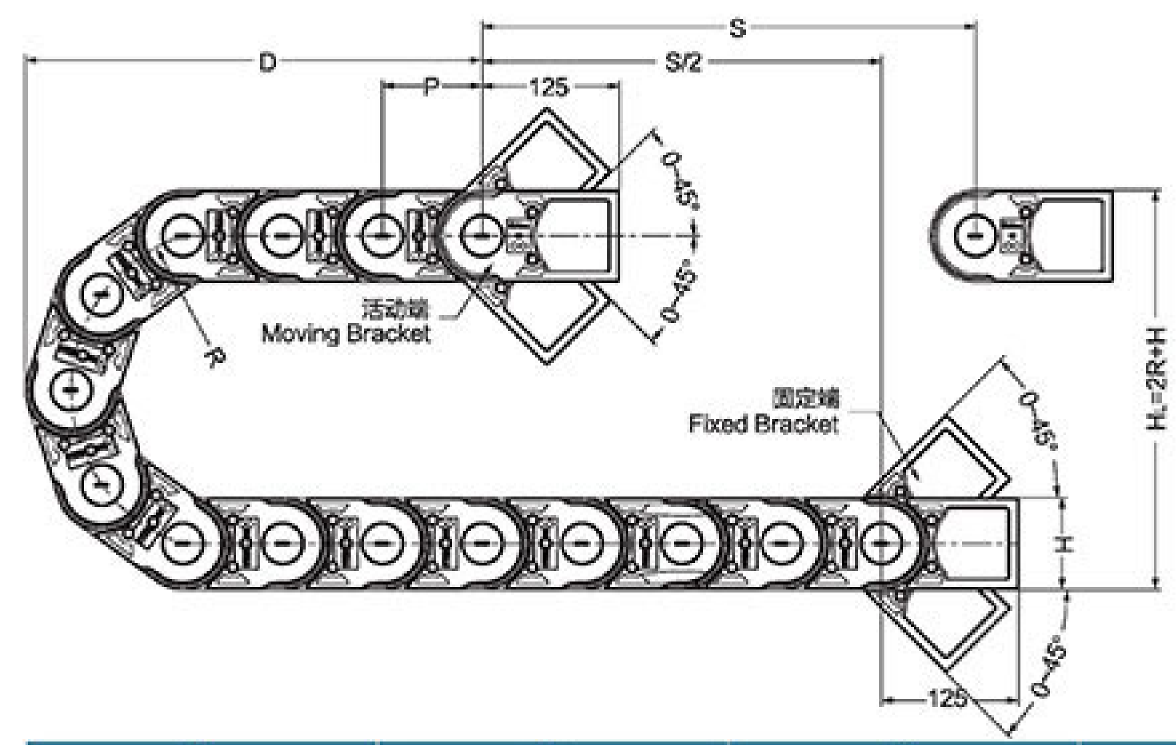
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链调回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	391 (15.39)	310 (12.20)	670 (26.38)	98 (3.86)
200 (7.87)	491 (19.33)	410 (16.14)	825 (32.48)	98 (3.86)
250 (9.84)	591 (23.27)	510 (20.08)	980 (38.58)	98 (3.86)
300 (11.81)	691 (27.20)	610 (24.02)	1140 (44.88)	98 (3.86)
350 (13.78)	791 (31.14)	710 (27.95)	1295 (50.98)	98 (3.86)
400 (15.75)	891 (35.08)	810 (31.89)	1450 (57.09)	98 (3.86)
500 (19.69)	1091 (42.95)	1010 (39.76)	1765 (69.49)	98 (3.86)
600 (23.62)	1291 (50.83)	1210 (47.64)	2080 (81.89)	98 (3.86)
650 (25.59)	1391 (54.76)	1310 (51.57)	2240 (88.19)	98 (3.86)
1000 (39.37)	2091 (82.32)	2010 (79.13)	3335 (131.30)	98 (3.86)

实际安装高度: $H_S=H_L+100mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=10（980mm）

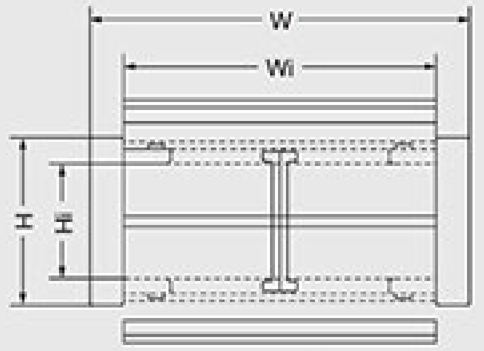
The required clearance height: $H_S=H_L+3.94in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=10（38.58 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

强力型多功能拖链 Heavy loading type multifunctional Cable Chain | Krius® 科瑞斯

ZLQ62 拖链–产品规格范围
ZLQ62 Cable Chain–Product specifications

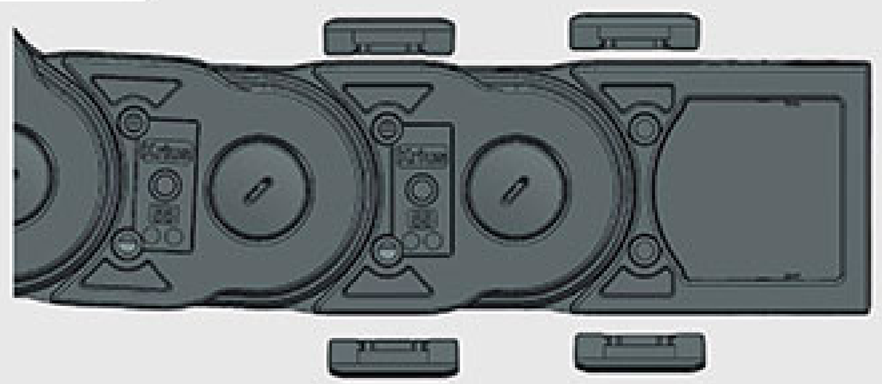
ZLQ62拖链–内外侧可开 ZLQ62 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZLQ62100*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)



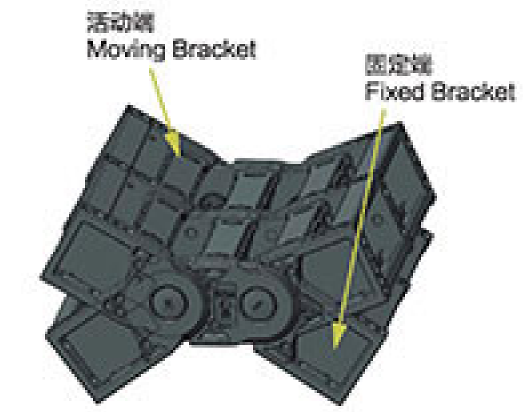
型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
ZLQ6275			75 (2.95)		119 (4.69)	3.67 (2.50)	
ZLQ62100			100 (3.94)		144 (5.67)	3.87 (2.63)	
ZLQ62125			125 (4.92)		169 (6.65)	4.04 (2.75)	
ZLQ62150			150 (5.91)		194 (7.64)	4.24 (2.88)	
ZLQ62175			175 (6.89)		219 (8.62)	4.44 (3.02)	
ZLQ62200			200 (7.87)		244 (9.60)	4.64 (3.16)	
ZLQ62250			250 (9.84)		294 (11.57)	5.00 (3.40)	
ZLQ62300		62 (2.44)	300 (11.81)	91 (3.58)	344 (13.54)	5.35 (3.64)	
ZLQ62350			350 (13.78)		394 (15.51)	5.72 (3.89)	
ZLQ62400			400 (15.75)		444 (17.48)	6.12 (4.16)	
ZLQ62450			450 (17.72)		494 (19.45)	6.52 (4.43)	
ZLQ62500			500 (19.69)		544 (21.42)	6.93 (4.71)	
ZLQ62550			550 (21.65)		594 (23.39)	7.35 (5.00)	
ZLQ62600			600 (23.62)		644 (25.35)	9.79 (6.66)	

订货范例
Order details **ZLQ6275 * R200 * 1000mm * 2**

R	Hₗ	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	391 (15.39)	310 (12.20)	670 (26.38)	98 (3.86)
200 (7.87)	491 (19.33)	410 (16.14)	825 (32.48)	98 (3.86)
250 (9.84)	591 (23.27)	510 (20.08)	980 (38.58)	98 (3.86)
300 (11.81)	691 (27.20)	610 (24.02)	1140 (44.88)	98 (3.86)
350 (13.78)	791 (31.14)	710 (27.95)	1295 (50.98)	98 (3.86)
400 (15.75)	891 (35.08)	810 (31.89)	1450 (57.09)	98 (3.86)
500 (19.69)	1091 (42.95)	1010 (39.76)	1765 (69.49)	98 (3.86)
600 (23.62)	1291 (50.83)	1210 (47.64)	2080 (81.89)	98 (3.86)
650 (25.59)	1391 (54.76)	1310 (51.57)	2240 (88.19)	98 (3.86)
1000 (39.37)	2091 (82.32)	2010 (79.13)	3335 (131.30)	98 (3.86)

ZLQ62 拖链 ZLQ62 Cable Chain

ZLQ62 拖链–拖链接头
ZLQ62 Cable Chain–Mounting Bracket

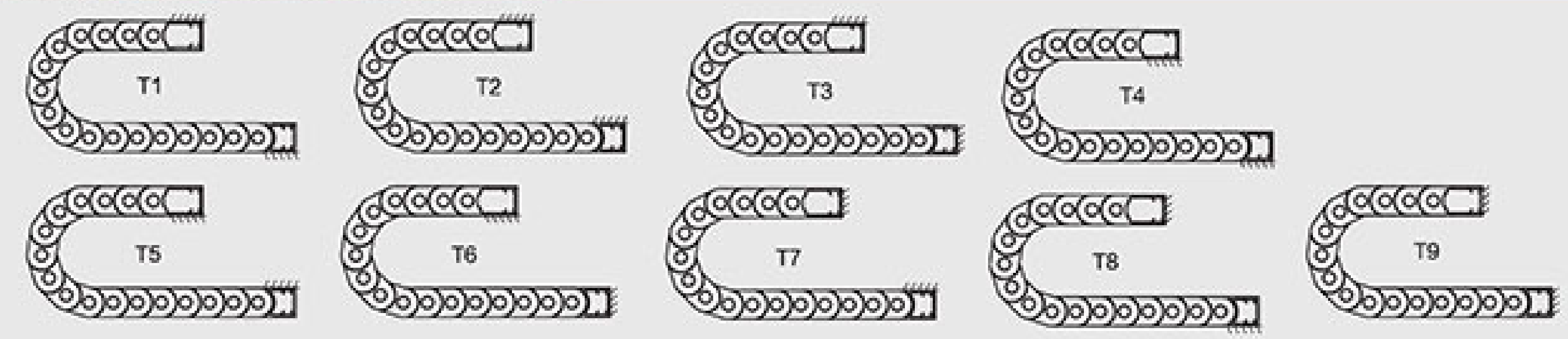


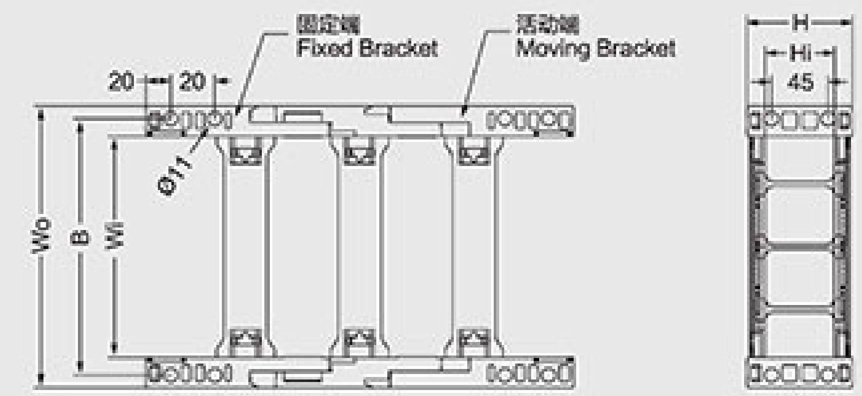
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





ZLQ6275 / ZLQ62100 / ZLQ62125 / ZLQ62150 / ZLQ62175
ZLQ62200 / ZLQ62250 / ZLQ62300 / ZLQ62350 / ZLQ62400
ZLQ62500 / ZLQ62550 / ZLQ62600

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZLQ6275	13074			119 (4.69)	97 (3.82)
ZLQ62100	13075	接头 Mounting Bracket	13124	144 (5.67)	122 (4.80)
ZLQ62125	13076			169 (6.65)	147 (5.79)
ZLQ62150	13077	主体 Main Body	13123	194 (7.64)	172 (6.77)
ZLQ62175	13078			219 (8.62)	197 (7.76)
ZLQ62200	13079	竖隔离片 Vertical separator	13127	244 (9.60)	222 (8.74)
ZLQ62250	13080	横隔离片 Horizontal separator	13126	294 (11.57)	272 (10.71)
ZLQ62300	13093			344 (13.54)	322 (12.68)
ZLQ62350	13085	横隔插片 Transverse septum	13087	394 (15.51)	372 (14.65)
ZLQ62400	13102			444 (17.48)	422 (16.61)
ZLQ62450	13103	L400隔离片 Separator of Length with 400mm	13090	494 (19.45)	472 (18.58)
ZLQ62500	13103			544 (21.42)	522 (20.55)
ZLQ62550	13104	锁扣 Fixed Button	13092	594 (23.39)	572 (22.52)
ZLQ62600	13104			644 (25.35)	622 (24.49)

产品代码结构 Part Number Structure

ZLQ62100*B*T1

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

ZLQ62100*B*T1*n	两端接头 On both brackets
ZLQ62100*f*T1*n	固定端接头 Fixed bracket
ZLQ62100*m*T1*n	活动端接头 Moving bracket

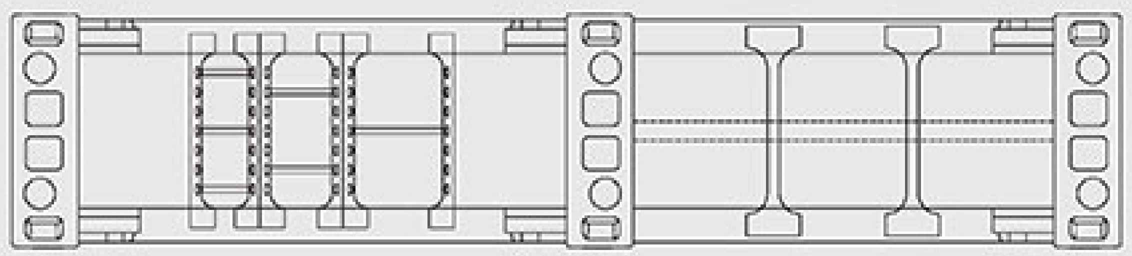
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

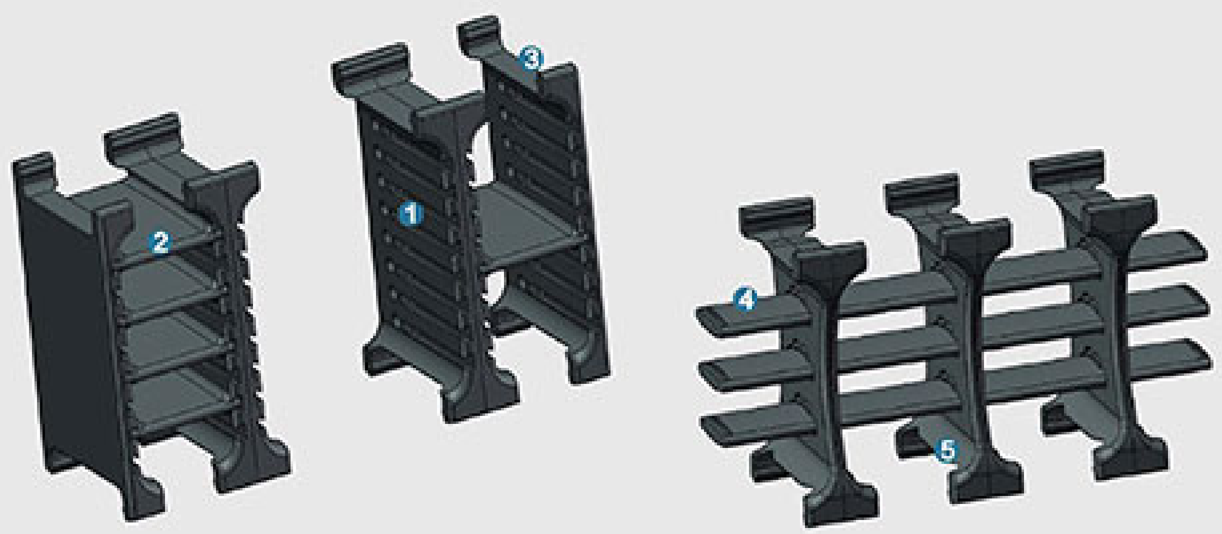
ZLQ62 拖链 ZLQ62 Cable Chain

ZLQ62 拖链-隔离片
ZLQ62 Cable Chain-Separator

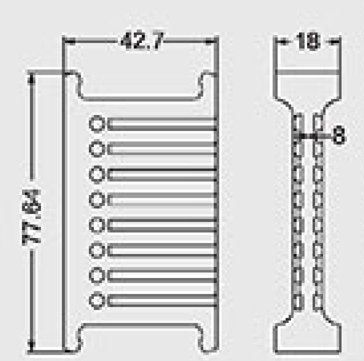
- 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
- 隔离元件的数量可以根据客户的实际需求进行配备
- 竖隔（插）片可以根据线缆排布进行滑动

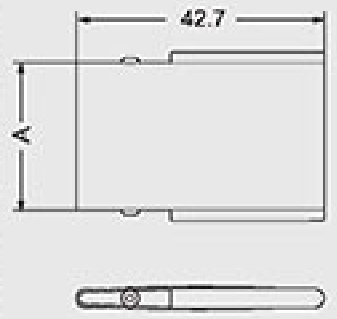
- The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning
- The number of isolated components can be equipped according to the actual needs of customers
- Vertical separator can be moved for different cables

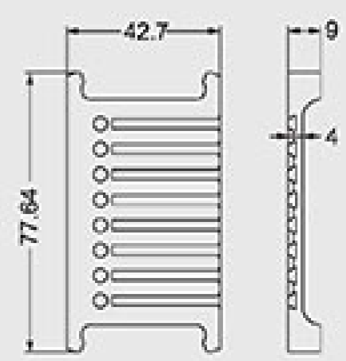


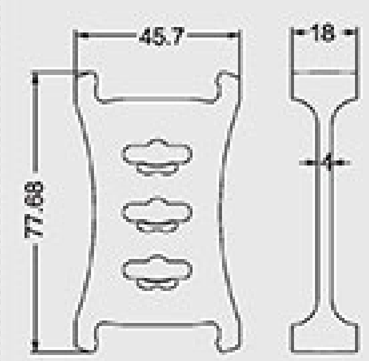


单位（Unit）：mm









ZLQ62隔离元件编码
The separator NO. for ZLQ62：

❶ 竖隔离片（Vertical Separator）	13126	
❷ 横隔插片（Transverse Septum）	13087	
❸ 竖隔离片（Vertical Separator）	13126	
❹ 横隔离片（Horizontal Separator）	13127	
❺ 竖隔离片（Vertical Separator）	13126	

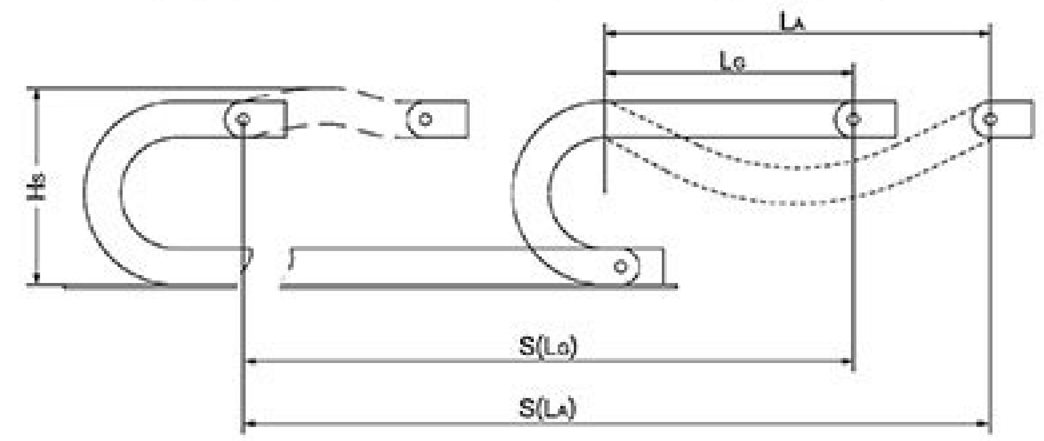
注(Note)：A=25mm,30mm,40mm,50mm,60mm,70mm

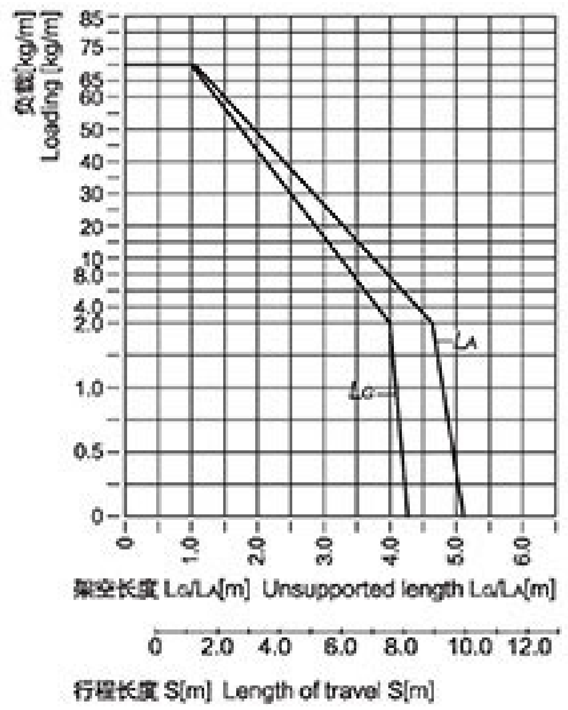
ZLF62 拖链-安装尺寸及技术参数
ZLF62 Cable Chain-Installation Dimensions and Technical Parameters

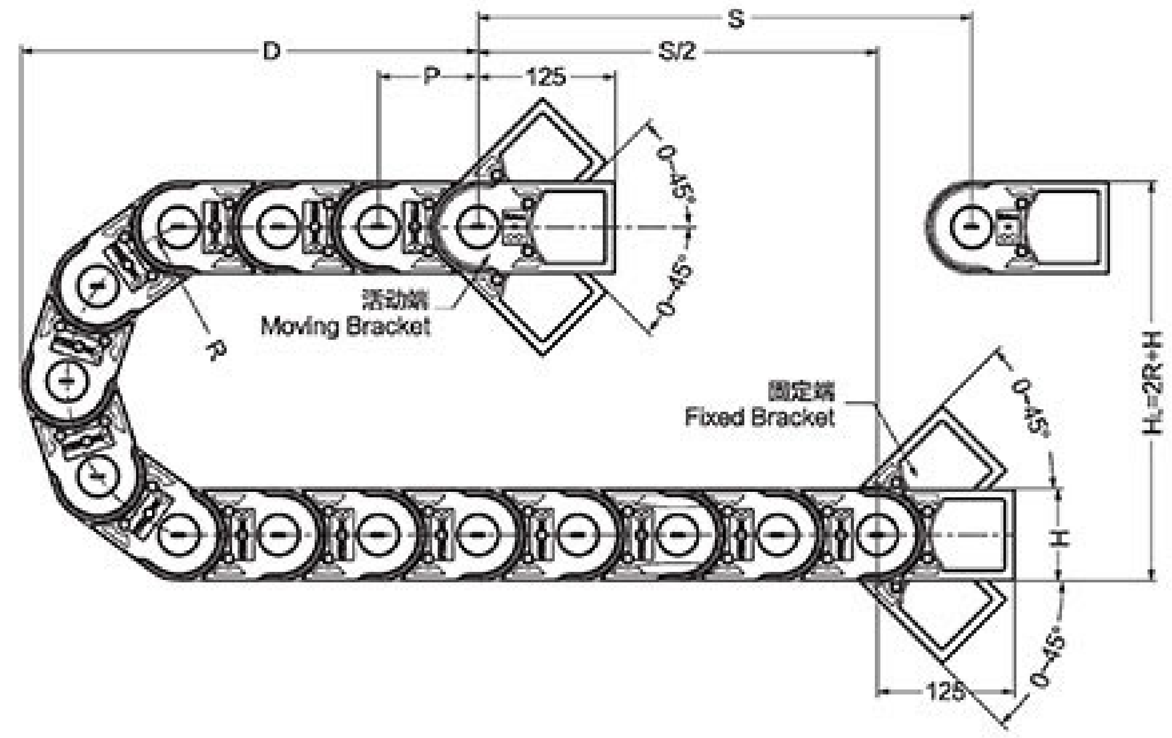
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
250 (9.84)	591 (23.27)	510 (20.08)	980 (38.58)	98 (3.86)
300 (11.81)	691 (27.20)	610 (24.02)	1140 (44.88)	98 (3.86)
350 (13.78)	791 (31.14)	710 (27.95)	1295 (50.98)	98 (3.86)
400 (15.75)	891 (35.08)	810 (31.89)	1450 (57.09)	98 (3.86)
500 (19.69)	1091 (42.95)	1010 (39.76)	1765 (69.49)	98 (3.86)
600 (23.62)	1291 (50.83)	1210 (47.64)	2080 (81.89)	98 (3.86)
650 (25.59)	1391 (54.76)	1310 (51.57)	2240 (88.19)	98 (3.86)
1000 (39.37)	2091 (82.32)	2010 (79.13)	3335 (131.30)	98 (3.86)

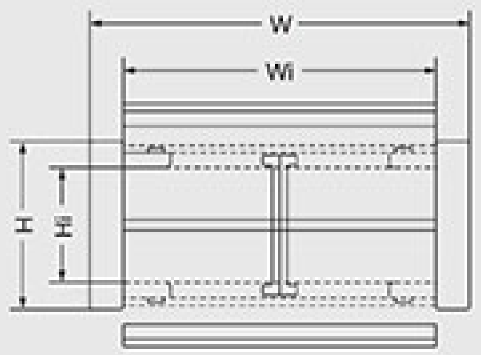
实际安装高度: $H_S=H_L+100mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=10（980mm）

The required clearance height: $H_S=H_L+3.94in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=10（38.58 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZLF62 拖链-产品规格范围
ZLF62 Cable Chain-Product specifications

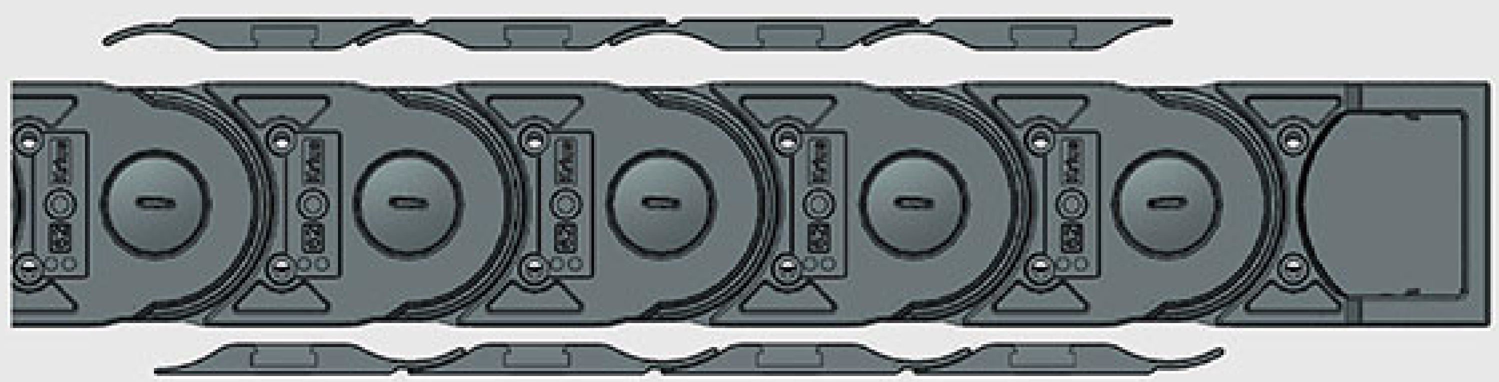
ZLF62拖链-内外侧可开 ZLF62 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

ZLF62150*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)

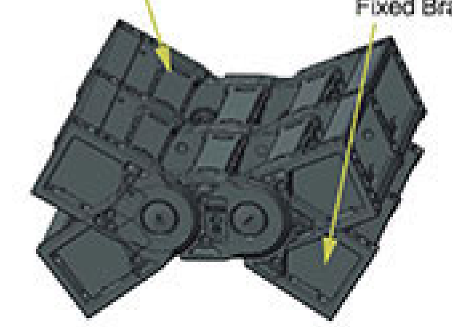


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (ibs/ft)	
ZLF62150		62 (2.44)	150 (5.91)	91 (3.58)	194 (7.64)	4.26 (2.90)	
ZLF62200			200 (7.87)		244 (9.60)	4.66 (3.17)	

订货范例 Order details **ZLF62150 * R300 * 1000mm * 2**

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
250 (9.84)	591 (23.27)	510 (20.08)	980 (38.58)	98 (3.86)
300 (11.81)	691 (27.20)	610 (24.02)	1140 (44.88)	98 (3.86)
350 (13.78)	791 (31.14)	710 (27.95)	1295 (50.98)	98 (3.86)
400 (15.75)	891 (35.08)	810 (31.89)	1450 (57.09)	98 (3.86)
500 (19.69)	1091 (42.95)	1010 (39.76)	1765 (69.49)	98 (3.86)
600 (23.62)	1291 (50.83)	1210 (47.64)	2080 (81.89)	98 (3.86)
650 (25.59)	1391 (54.76)	1310 (51.57)	2240 (88.19)	98 (3.86)
1000 (39.37)	2091 (82.32)	2010 (79.13)	3335 (131.30)	98 (3.86)

ZLF62 拖链-拖链接头
ZLF62 Cable Chain-Mounting Bracket

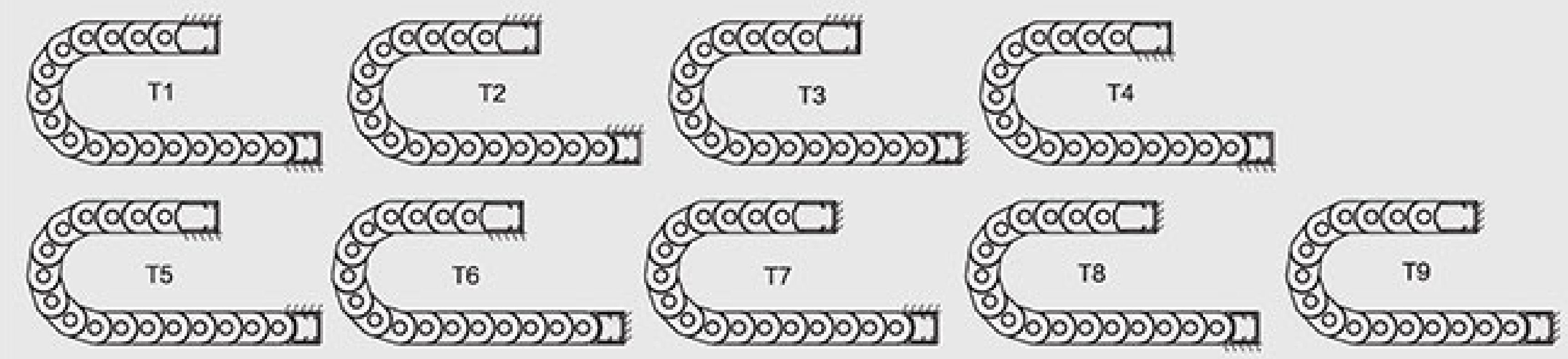


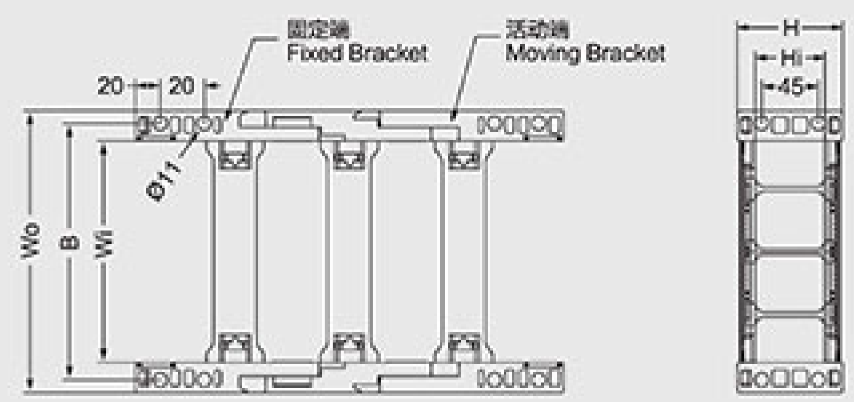
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZLF62150
ZLF62200

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZLF62150	13165	接头 Mounting Bracket 13124; 横隔离片 Horizontal separator 13126	194 (7.64)	172 (6.77)
ZLF62200	13166	主体 Main Body 13123; 横隔插片 Transverse septum 13087	244 (9.60)	222 (8.74)
		竖隔离片 Vertical separator 13127; 锁扣 Fixed Button 13092		

产品代码结构 Part Number Structure

ZLF62150*B*T1

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

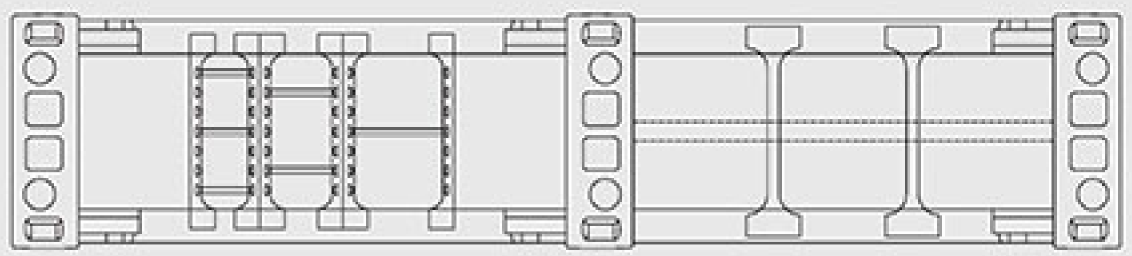
ZLF62150*B*T1*n	两端接头 On both brackets
ZLF62150*f*T1*n	固定端接头 Fixed bracket
ZLF62150*m*T1*n	活动端接头 Moving bracket

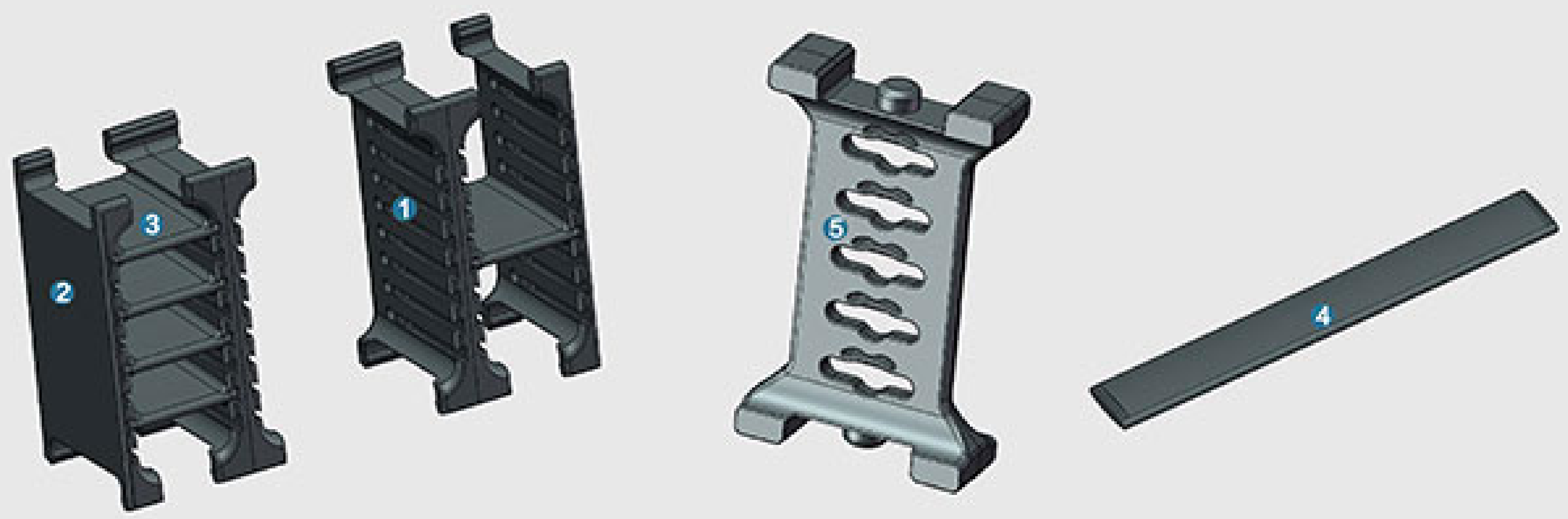
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZLF62 拖链-隔离片
ZLF62 Cable Chain-Separator

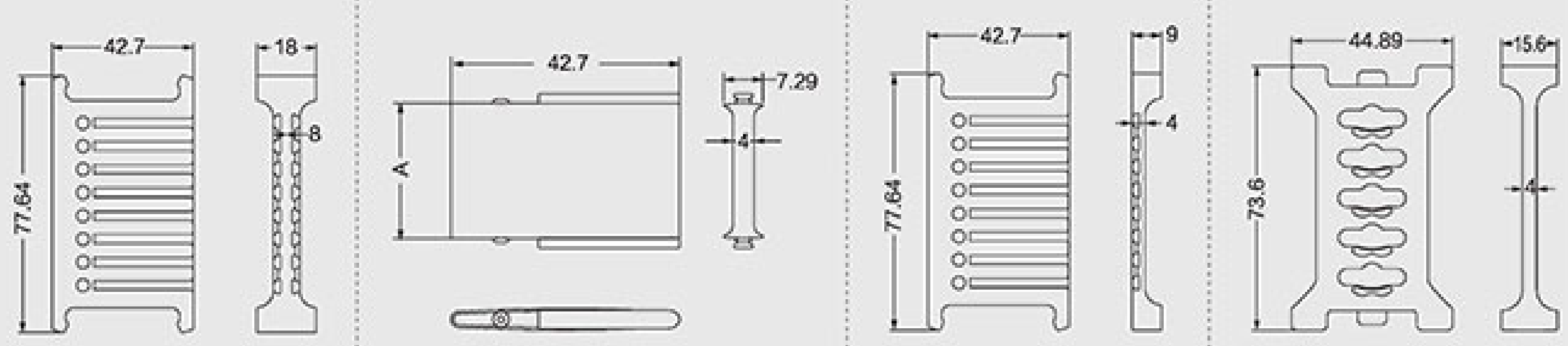
• 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
• 隔离元件的数量可以根据客户的实际需求进行配备
• 竖隔（插）片安装完成后，不可滑动

• The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning.
• The number of isolated components can be equipped according to the actual needs of customers.
• Separator can't be moved after assembling.





单位（Unit）：mm



ZLF62隔离元件编码
The separator NO. for ZLF62 :

❶	竖隔离片（Vertical Separator）	13167
❷	横隔插片（Transverse Septum）	13087
❸	竖隔离片（Vertical Separator）	13167
❹	横隔离片（Horizontal Separator）	13127
❺	竖隔离片（Vertical Separator）	13167

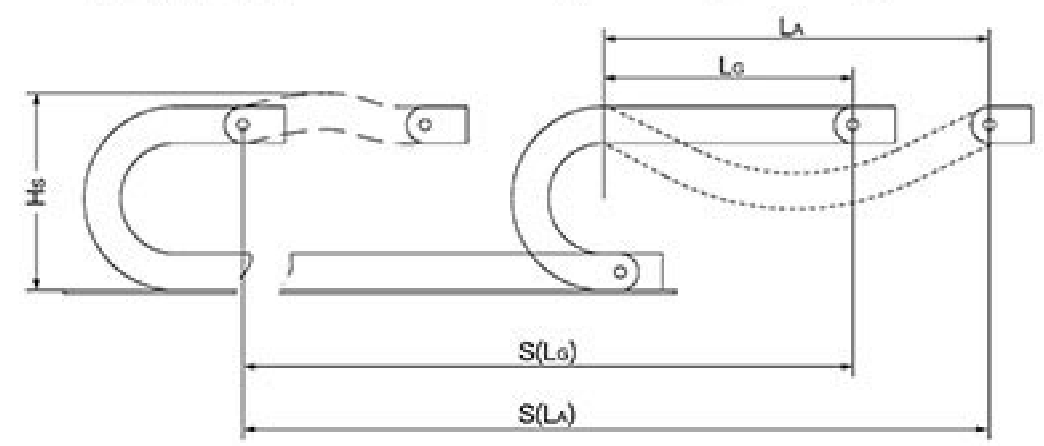
注(Note)：A=25mm,30mm,40mm,50mm,60mm,70mm

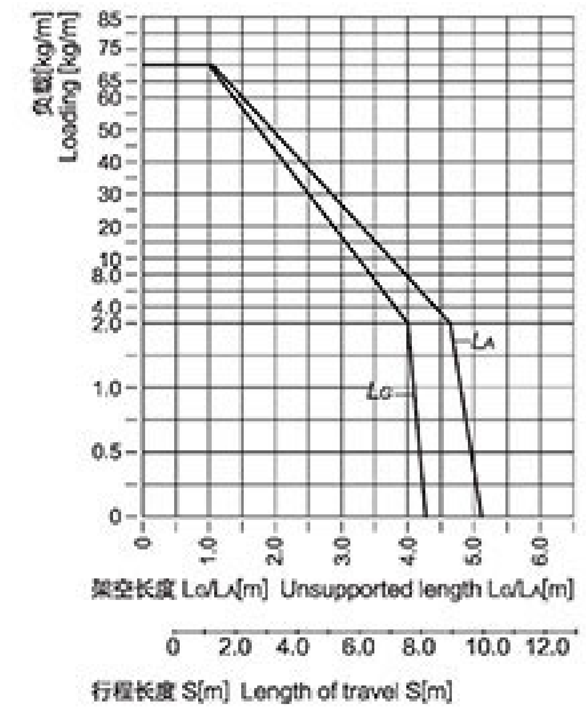
ZHQ62 拖链-安装尺寸及技术参数
ZHQ62 Cable Chain-Installation Dimensions and Technical Parameters

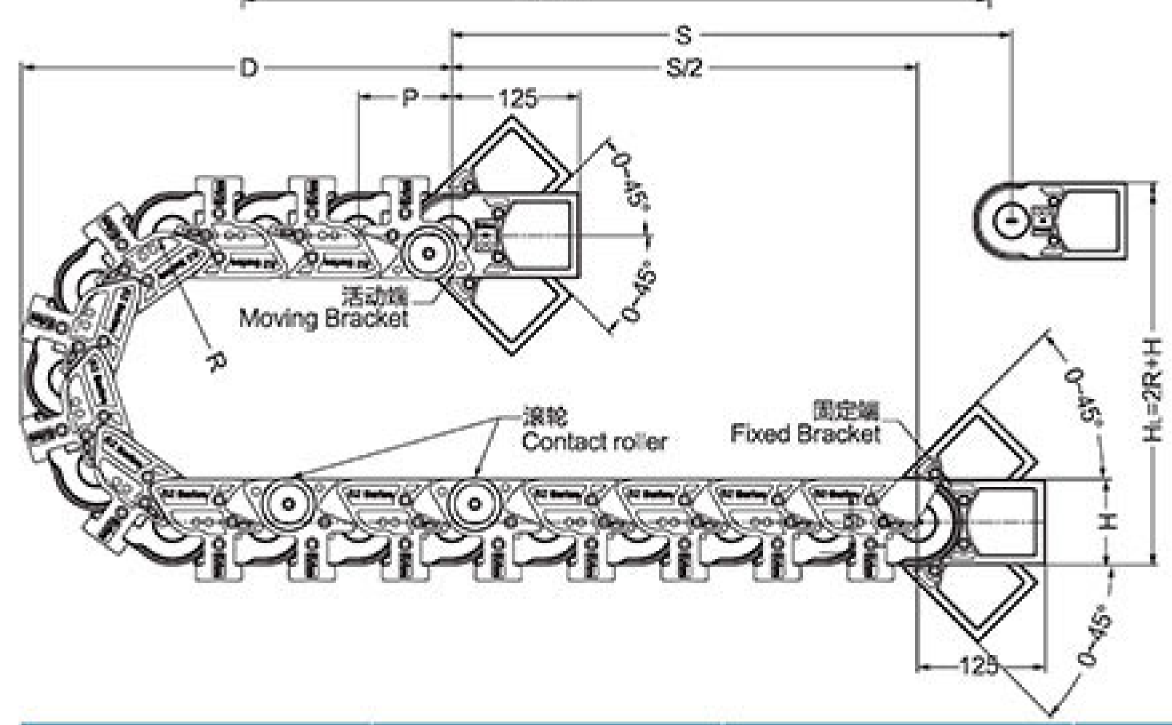
架空长度
Unsupported length

• L_G =直线架空长度
• L_A =安全塌腰架空长度

• L_G =Unsupported with straight upper run
• L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	406 (15.98)	310 (12.20)	670 (26.38)	98 (3.86)
200 (7.87)	506 (19.92)	410 (16.14)	825 (32.48)	98 (3.86)
250 (9.84)	606 (23.86)	510 (20.08)	980 (38.58)	98 (3.86)
300 (11.81)	706 (27.80)	610 (24.02)	1140 (44.88)	98 (3.86)
350 (13.78)	806 (31.73)	710 (27.95)	1295 (50.98)	98 (3.86)
400 (15.75)	906 (35.67)	810 (31.89)	1450 (57.09)	98 (3.86)
500 (19.69)	1106 (43.54)	1010 (39.76)	1765 (69.49)	98 (3.86)
600 (23.62)	1306 (51.42)	1210 (47.64)	2080 (81.89)	98 (3.86)
650 (25.59)	1406 (55.35)	1310 (51.57)	2240 (88.19)	98 (3.86)
1000 (39.37)	2106 (82.92)	2010 (79.13)	3335 (131.30)	98 (3.86)

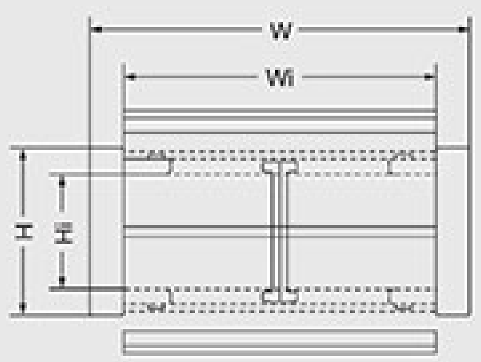
实际安装高度: H_S=H_L+100mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=10（980mm）

The required clearance height: H_S=H_L+3.94in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=10（38.58 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZHQ62 拖链-产品规格范围
ZHQ62 Cable Chain-Product specifications

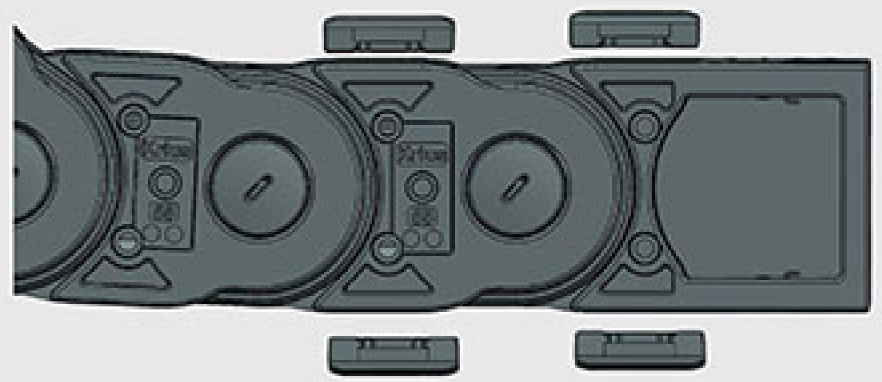
ZHQ62拖链-内外侧可开 ZHQ62 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

ZHQ62100*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)

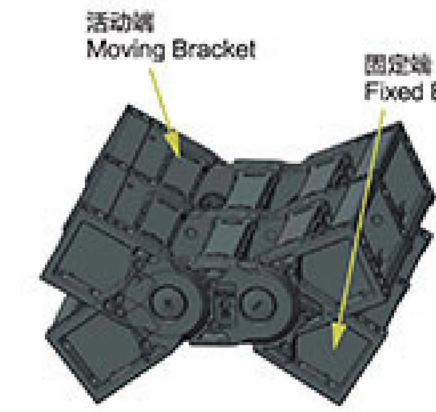


型号 Type	弯曲半径<R> Bending radius	内高<Hi> Inner height	内宽<Wi> Inner width	外高<H> Outer height	外宽<W> Outer Width	重量<G> Weight	备注 Remark
	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	kg/m (lbs/ft)	
ZHQ6275		62 (2.44)	75 (2.95)	106 (4.17)	169 (6.65)	4.24 (2.88)	
ZHQ62100			100 (3.94)		194 (7.64)	4.44 (3.02)	
ZHQ62125			125 (4.92)		219 (8.62)	4.64 (3.16)	
ZHQ62150			150 (5.91)		244 (9.61)	5.00 (3.40)	
ZHQ62175			175 (6.89)		279 (10.98)	5.35 (3.64)	
ZHQ62200			200 (7.87)		294 (11.57)	5.72 (3.89)	
ZHQ62250			250 (9.84)		344 (13.54)	6.12 (4.16)	
ZHQ62300			300 (11.81)		394 (15.51)	6.52 (4.43)	
ZHQ62350			350 (13.78)		444 (17.48)	6.93 (4.71)	
ZHQ62400			400 (15.75)		494 (19.45)	7.35 (5.00)	
ZHQ62450			450 (17.72)		544 (21.42)	9.79 (6.66)	
ZHQ62500			500 (19.69)		594 (23.39)	10.29 (7.00)	
ZHQ62550			550 (21.65)		644 (25.35)	10.99 (7.47)	
ZHQ62600			600 (23.62)		694 (27.32)	11.55 (7.85)	

订货范例 Order details **ZHQ62150 * R200 * 1000mm * 2**

R	H	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	406 (15.98)	310 (12.20)	670 (26.38)	98 (3.86)
200 (7.87)	506 (19.92)	410 (16.14)	825 (32.48)	98 (3.86)
250 (9.84)	606 (23.86)	510 (20.08)	980 (38.58)	98 (3.86)
300 (11.81)	706 (27.80)	610 (24.02)	1140 (44.88)	98 (3.86)
350 (13.78)	806 (31.73)	710 (27.95)	1295 (50.98)	98 (3.86)
400 (15.75)	906 (35.67)	810 (31.89)	1450 (57.09)	98 (3.86)
500 (19.69)	1106 (43.54)	1010 (39.76)	1765 (69.49)	98 (3.86)
600 (23.62)	1306 (51.42)	1210 (47.64)	2080 (81.89)	98 (3.86)
650 (25.59)	1406 (55.35)	1310 (51.57)	2240 (88.19)	98 (3.86)
1000 (39.37)	2106 (82.92)	2010 (79.13)	3335 (131.30)	98 (3.86)

ZHQ62 拖链-拖链接头
ZHQ62 Cable Chain-Mounting Bracket

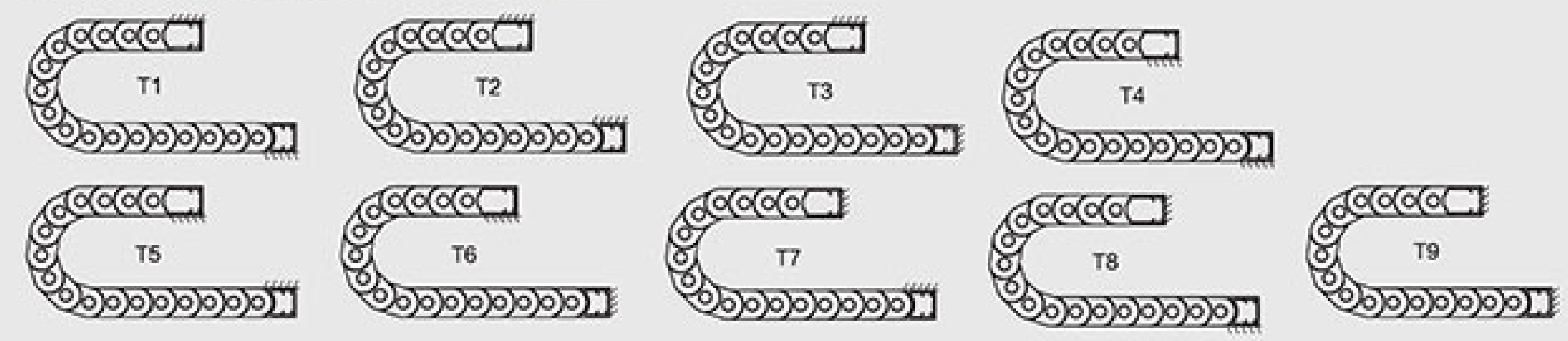


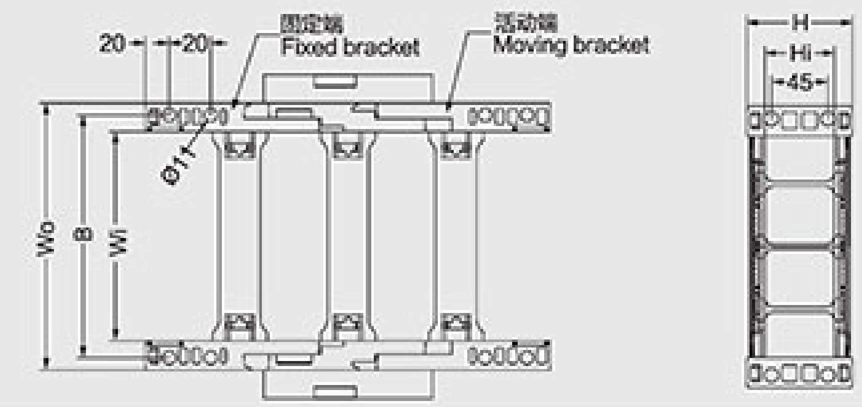
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐磨擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





ZHQ6275 / ZHQ62100 / ZHQ62125 / ZHQ62150 / ZHQ62175
ZHQ62200 / ZHQ62250 / ZHQ62300 / ZHQ62350 / ZHQ62400
ZHQ62500 / ZHQ62550 / ZHQ62600

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZHQ6275	13074	接头 Mounting Bracket	13124	119 (4.69)	97 (3.82)
ZHQ62100	13075			144 (5.67)	122 (4.80)
ZHQ62125	13076	主体 Main Body	13123	169 (6.65)	147 (5.79)
ZHQ62150	13077	竖隔离片 Vertical separator	13127	194 (7.64)	172 (6.77)
ZHQ62175	13078	横隔离片 Horizontal separator	13126	219 (8.62)	197 (7.76)
ZHQ62200	13079			244 (9.60)	222 (8.74)
ZHQ62250	13080	横隔插片 Transverse septum	13087	294 (11.57)	272 (10.71)
ZHQ62300	13093	L400隔离杆 Separator of Length with 400mm	13090	344 (13.54)	322 (12.68)
ZHQ62350	13085	滚轮 Contact roller	13088	394 (15.51)	372 (14.65)
ZHQ62400	13102			444 (17.48)	422 (16.61)
ZHQ62450	13103	轮架 Frame of wheels	13154	494 (19.45)	472 (18.58)
ZHQ62500	13103	轴销 Axle pin	13191	544 (21.42)	522 (20.55)
ZHQ62550	13104	锁扣 Fixed Button	13092	594 (23.39)	572 (22.52)
ZHQ62600	13104			644 (25.35)	622 (24.49)

产品代码结构 Part Number Structure

ZHQ62100*B*T1

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

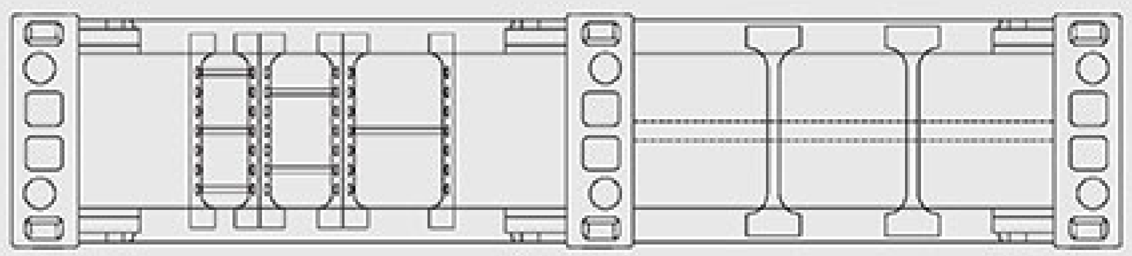
ZHQ62100*B*T1*n	两端接头 On both brackets
ZHQ62100*f*T1*n	固定端接头 Fixed bracket
ZHQ62100*m*T1*n	活动端接头 Moving bracket

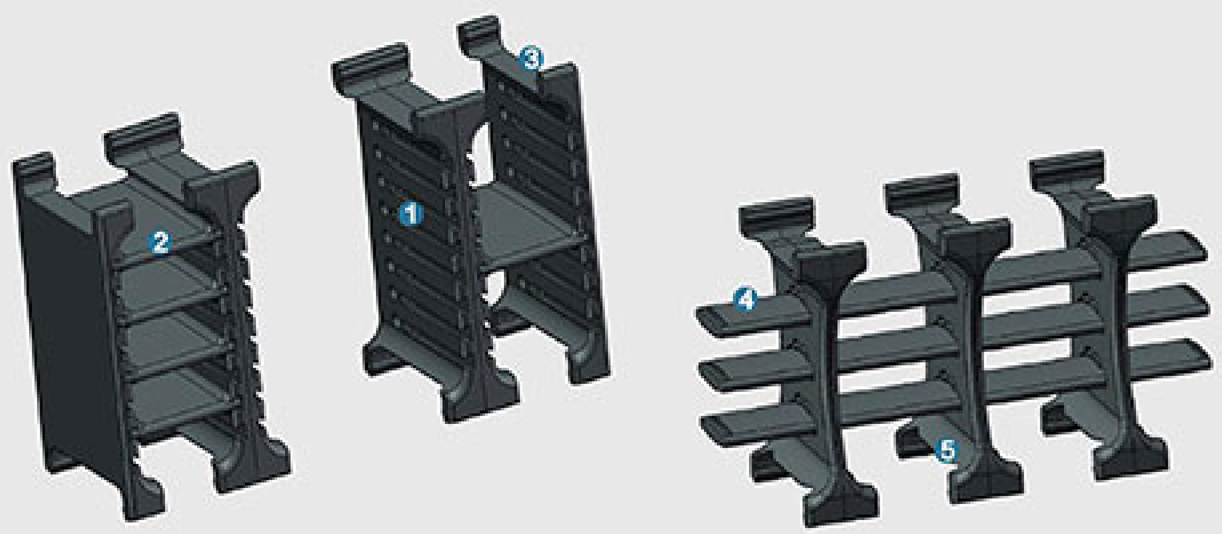
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZHQ62 拖链-隔离片
ZHQ62 Cable Chain-Separator

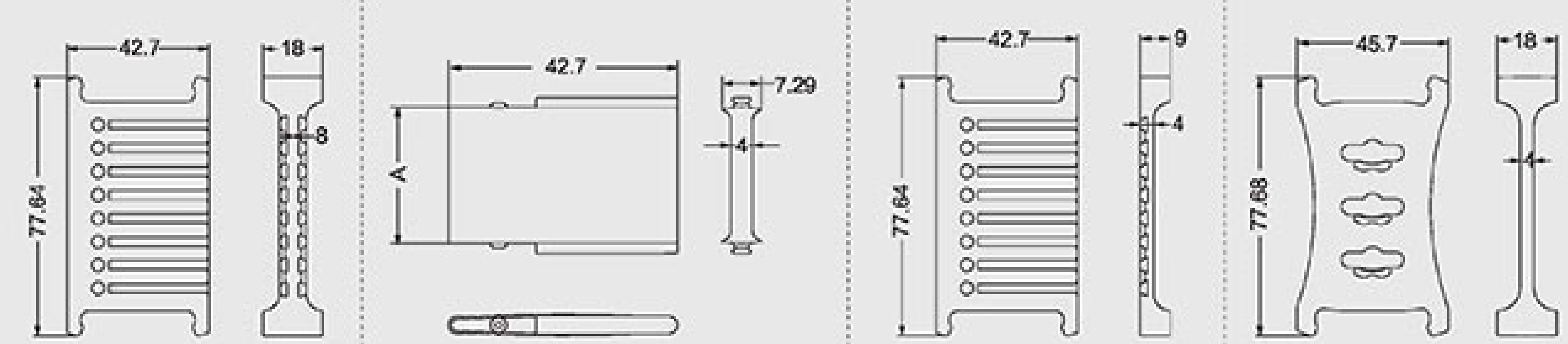
- 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
- 隔离元件的数量可以根据客户的实际需求进行配备
- 竖隔（插）片可以根据线缆排布进行滑动

- The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning
- The number of isolated components can be equipped according to the actual needs of customers
- Vertical separator can be moved for different cables





单位（Unit）：mm



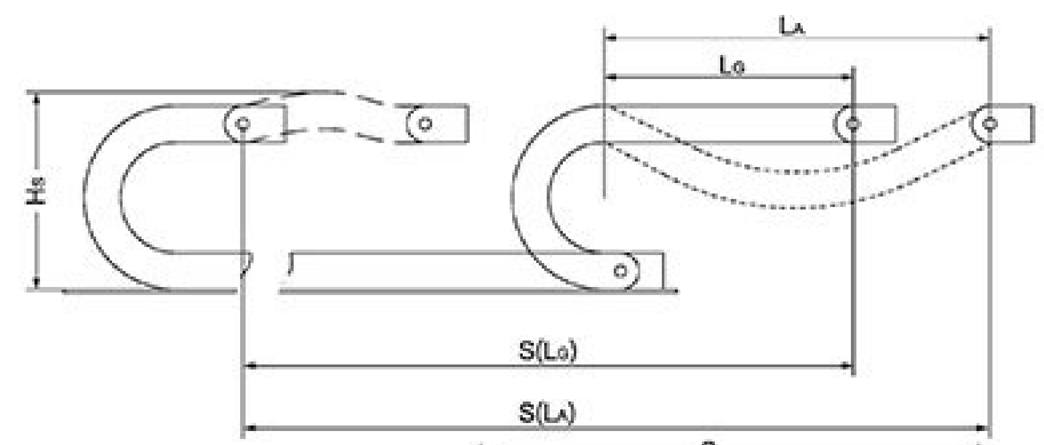
ZHQ62隔离元件编码
The separator NO. for ZHQ62：

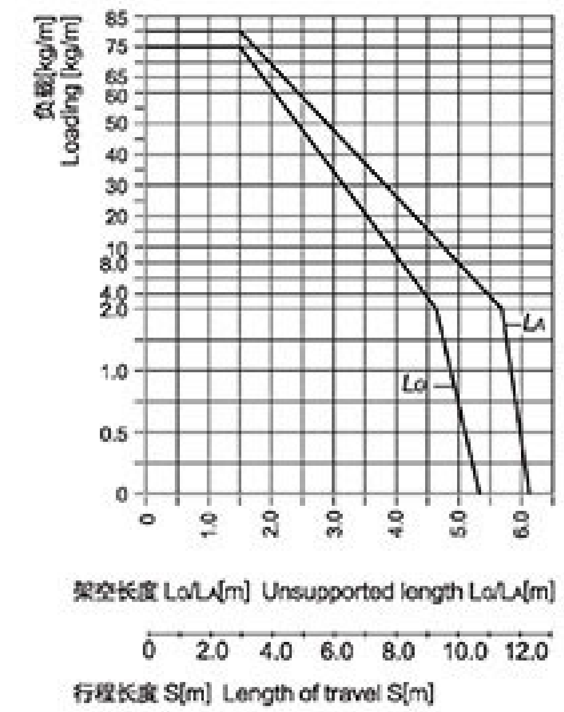
❶ 竖隔离片（Vertical Separator）	13126	
❷ 横隔插片（Transverse Septum）	13087	
❸ 竖隔离片（Vertical Separator）	13126	
❹ 横隔离片（Horizontal Separator）	13127	
❺ 竖隔离片（Vertical Separator）	13126	注(Note)：A=25mm,30mm,40mm,50mm,60mm,70mm

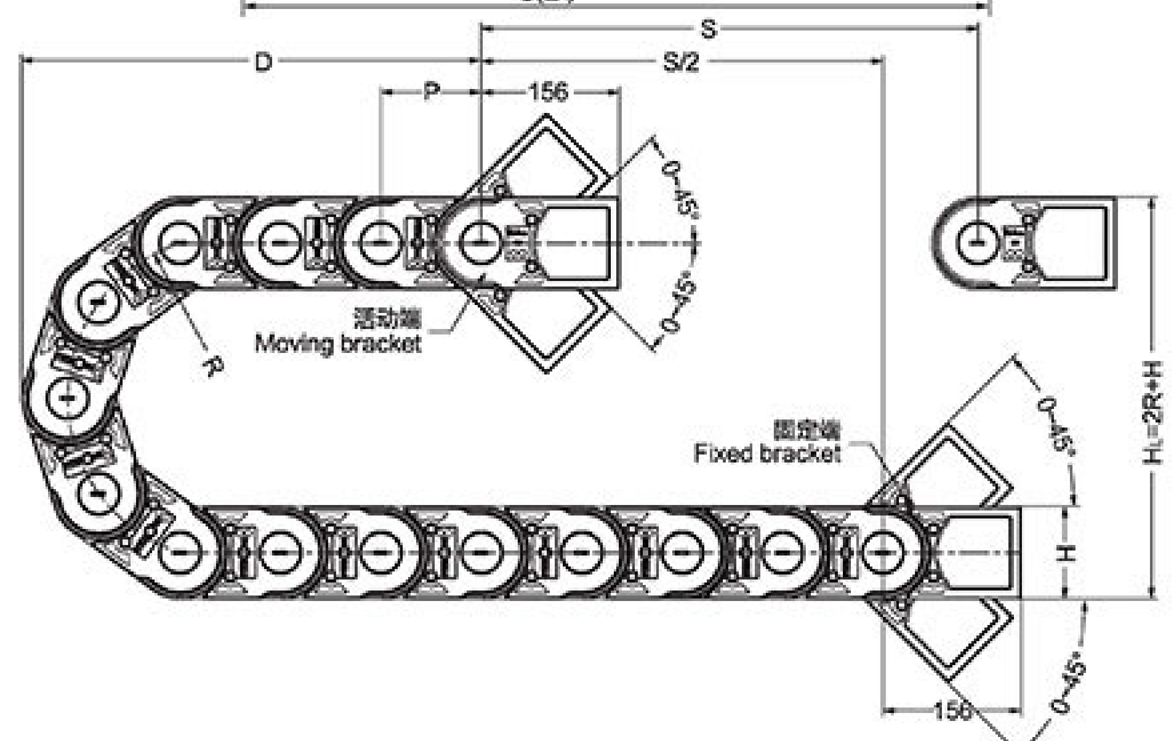
ZLQ80 拖链-安装尺寸及技术参数
ZLQ80 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







- S =行程长度
- R =弯曲半径
- P =节距
- L =拖链长度
- N =每米链节数
- H_L =理论安装高度
- H_S =实际安装高度
- D =拖链退回极限位置时的最小距离
- K =Л · 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
- H_L =Nominal clearance height
- H_S =Required clearance height
- D =Overlength energy chain radius in final position
- K =Л · R+2P
  * You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	409 (16.10)	310 (12.20)	700 (27.56)	115 (4.53)
200 (7.87)	509 (20.04)	410 (16.14)	860 (33.86)	115 (4.53)
250 (9.84)	609 (23.98)	510 (20.08)	1015 (39.96)	115 (4.53)
300 (11.81)	709 (27.91)	610 (24.02)	1170 (46.06)	115 (4.53)
350 (13.78)	809 (31.85)	710 (27.95)	1330 (52.36)	115 (4.53)
400 (15.75)	909 (35.79)	810 (31.89)	1485 (58.46)	115 (4.53)
500 (19.69)	1109 (43.66)	1010 (39.76)	1800 (70.87)	115 (4.53)
600 (23.62)	1309 (51.54)	1210 (47.64)	2115 (83.27)	115 (4.53)
650 (25.59)	1409 (55.47)	1310 (51.57)	2270 (89.37)	115 (4.53)
1000 (39.37)	2109 (83.03)	2010 (79.13)	3370 (132.68)	115 (4.53)

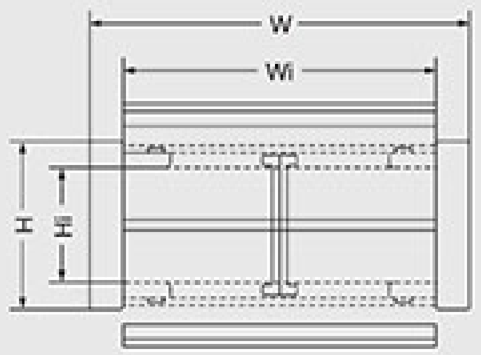
实际安装高度: $H_S=H_L+120mm$
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=9（1035mm）

The required clearance height: $H_S=H_L+4.72in.$
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=9（40.75 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZLQ80 拖链–产品规格范围
ZLQ80 Cable Chain–Product specifications

ZLQ80拖链–内外侧可开 ZLQ80 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZLQ80100*R*L*n

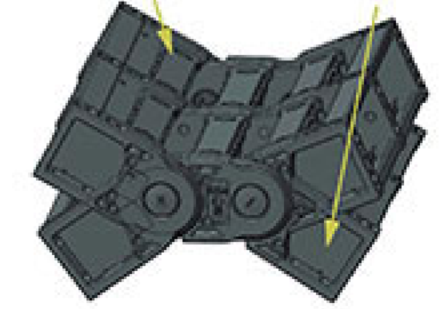
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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 (ibs/ft)	
ZLQ8075		80 (3.15)	75 (2.95)	109 (4.29)	123 (4.84)	5.72 (3.89)	
ZLQ80100			100 (3.94)		148 (5.83)	6.12 (4.16)	
ZLQ80125			125 (4.92)		173 (6.81)	6.52 (4.43)	
ZLQ80150			150 (5.91)		198 (7.80)	6.93 (4.71)	
ZLQ80175			175 (6.89)		223 (8.78)	7.35 (5.00)	
ZLQ80200			200 (7.87)		248 (9.76)	9.79 (6.66)	
ZLQ80250			250 (9.84)		298 (11.73)	10.35 (7.04)	
ZLQ80300			300 (11.81)		348 (13.70)	11.84 (8.05)	
ZLQ80350			350 (13.78)		398 (15.67)	12.36 (8.40)	
ZLQ80400			400 (15.75)		448 (17.64)	14.02 (9.53)	
ZLQ80450			450 (17.72)		498 (19.61)	15.70 (10.68)	
ZLQ80500			500 (19.69)		548 (21.57)	16.23 (11.04)	
ZLQ80550			550 (21.65)		598 (23.54)	19.22 (13.07)	
ZLQ80600			600 (23.62)		648 (25.51)	21.06 (14.32)	

订货范例 Order details ZLQ8075 * R150 * 1000mm * 2

R	Hi	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	409 (16.10)	310 (12.20)	700 (27.56)	115 (4.53)
200 (7.87)	509 (20.04)	410 (16.14)	860 (33.86)	115 (4.53)
250 (9.84)	609 (23.98)	510 (20.08)	1015 (39.96)	115 (4.53)
300 (11.81)	709 (27.91)	610 (24.02)	1170 (46.06)	115 (4.53)
350 (13.78)	809 (31.85)	710 (27.95)	1330 (52.36)	115 (4.53)
400 (15.75)	909 (35.79)	810 (31.89)	1485 (58.46)	115 (4.53)
500 (19.69)	1109 (43.66)	1010 (39.76)	1800 (70.87)	115 (4.53)
600 (23.62)	1309 (51.54)	1210 (47.64)	2115 (83.27)	115 (4.53)
650 (25.59)	1409 (55.47)	1310 (51.57)	2270 (89.37)	115 (4.53)
1000 (39.37)	2109 (83.03)	2010 (79.13)	3370 (132.68)	115 (4.53)

ZLQ80 拖链–拖链接头
ZLQ80 Cable Chain–Mounting Bracket

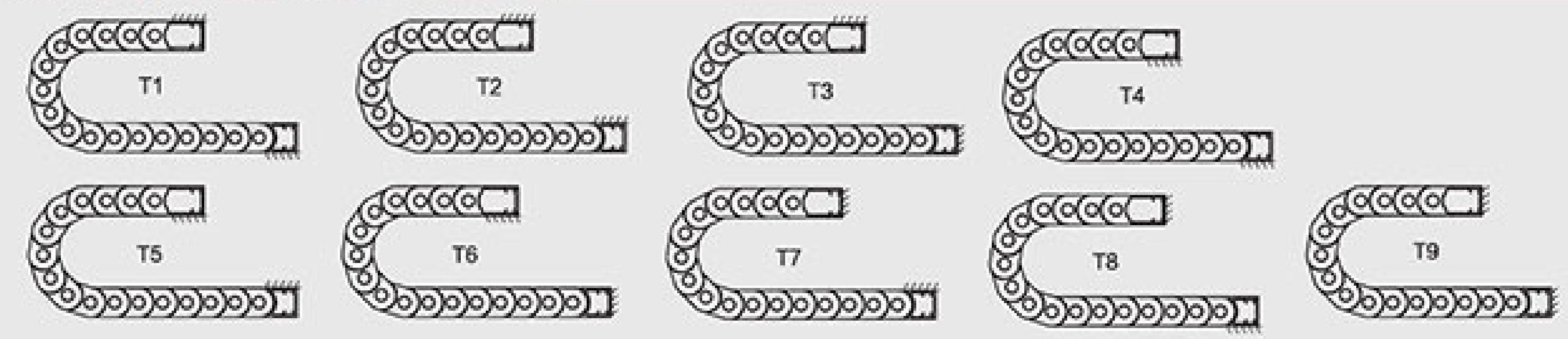


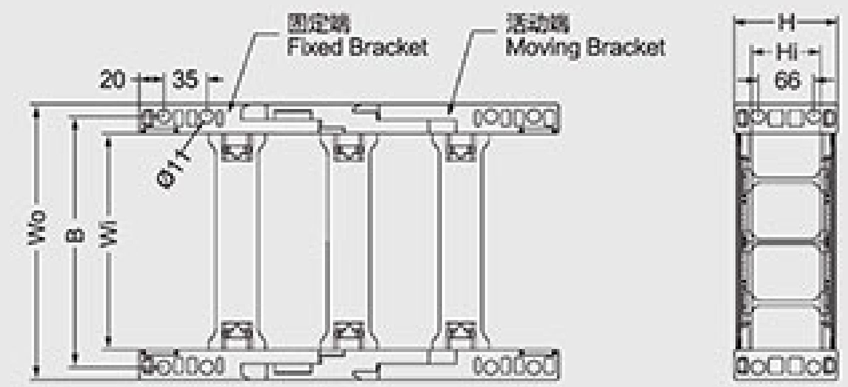
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZLQ8075 / ZLQ80100 / ZLQ80125 / ZLQ80150 / ZLQ80175
ZLQ80200 / ZLQ80250 / ZLQ80300 / ZLQ80350 / ZLQ80400
ZLQ80500 / ZLQ80550 / ZLQ80600

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZLQ8075	13074			123 (4.84)	103 (4.06)
ZLQ80100	13075	接头 Mounting Bracket	13150	148 (5.83)	128 (5.04)
ZLQ80125	13076			173 (6.81)	153 (6.02)
ZLQ80150	13077	主体 Main Body	13148	198 (7.80)	178 (7.01)
ZLQ80175	13078			223 (8.78)	203 (7.99)
ZLQ80200	13079	竖隔离片 Vertical separator	13152	248 (9.76)	228 (8.98)
ZLQ80250	13080	横隔离片 Horizontal separator	13151	298 (11.73)	278 (10.94)
ZLQ80300	13093			348 (13.70)	328 (12.91)
ZLQ80350	13085	横隔插片 Transverse septum	13087	398 (15.67)	378 (14.88)
ZLQ80400	13102			448 (17.64)	428 (16.85)
ZLQ80450	13103	L400隔离杆 Separator of Length with 400mm	13090	498 (19.61)	478 (18.82)
ZLQ80500	13103			548 (21.57)	528 (20.79)
ZLQ80550	13104	锁扣 Fixed Button	13092	598 (23.54)	578 (22.76)
ZLQ80600	13104			648 (25.51)	628 (24.72)

产品代码结构 Part Number Structure

ZLQ80100*B*T1

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

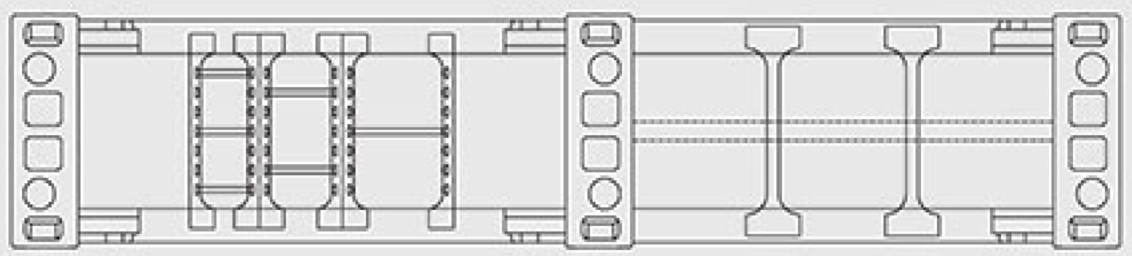
ZLQ80100*B*T1*n	两端接头	On both brackets
ZLQ80100*f*T1*n	固定端接头	Fixed bracket
ZLQ80100*m*T1*n	活动端接头	Moving bracket

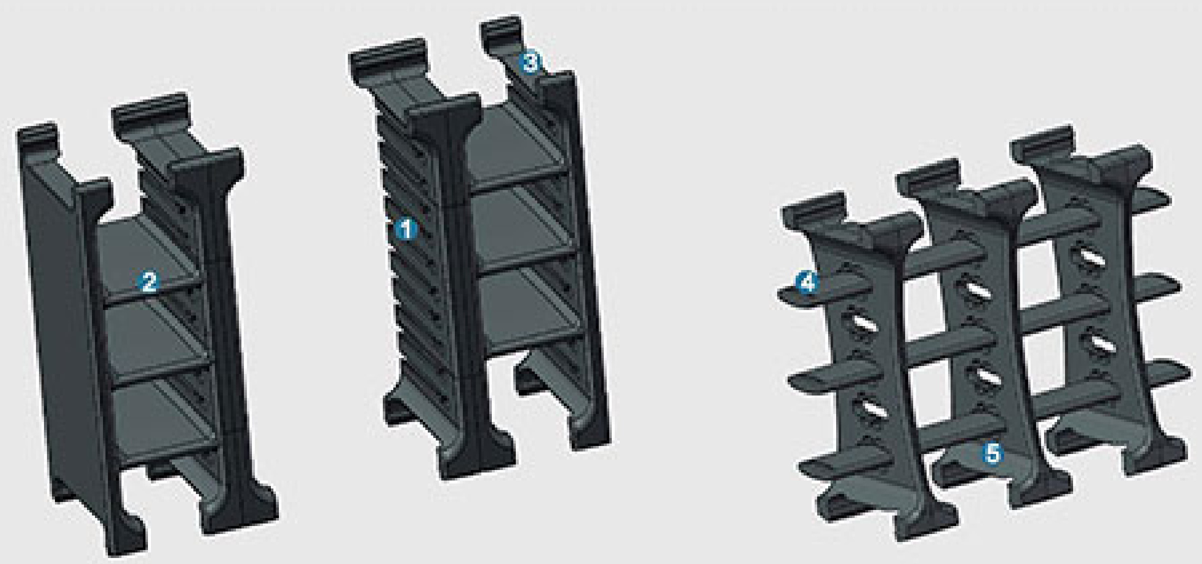
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZLQ80 拖链-隔离片
ZLQ80 Cable Chain-Separator

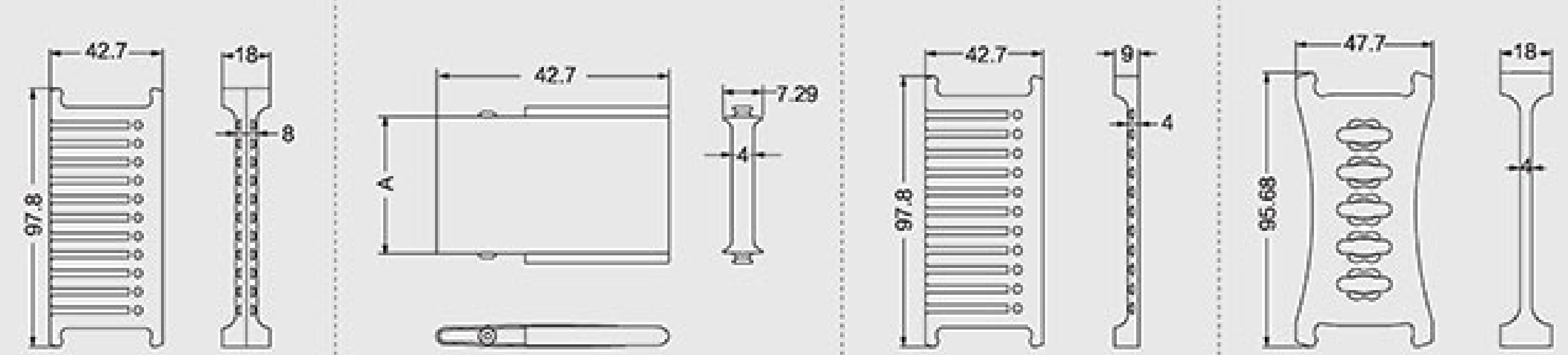
- 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
- 隔离元件的数量可以根据客户的实际需求进行配备
- 竖隔（插）片可以根据线缆排布进行滑动

- The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning
- The number of isolated components can be equipped according to the actual needs of customers
- Separator can be moved for different cables





单位（Unit）：mm



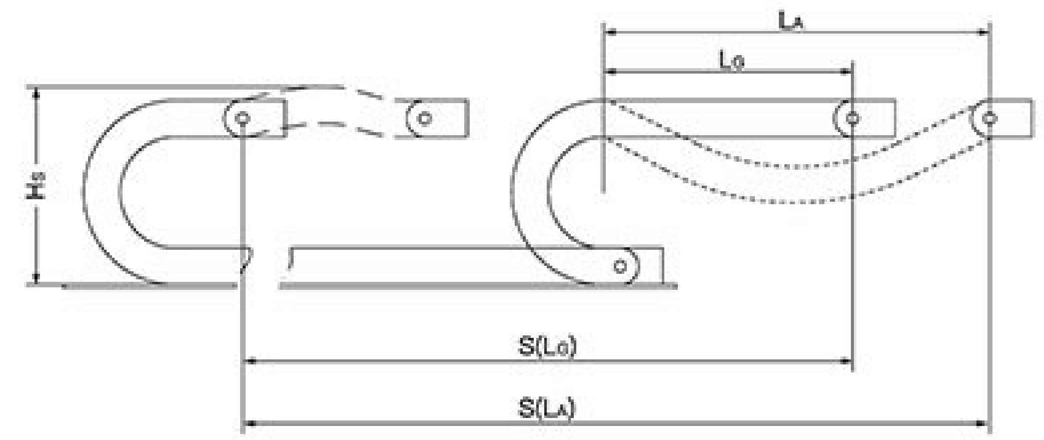
ZLQ80隔离元件编码
The separator NO. for ZLQ80：

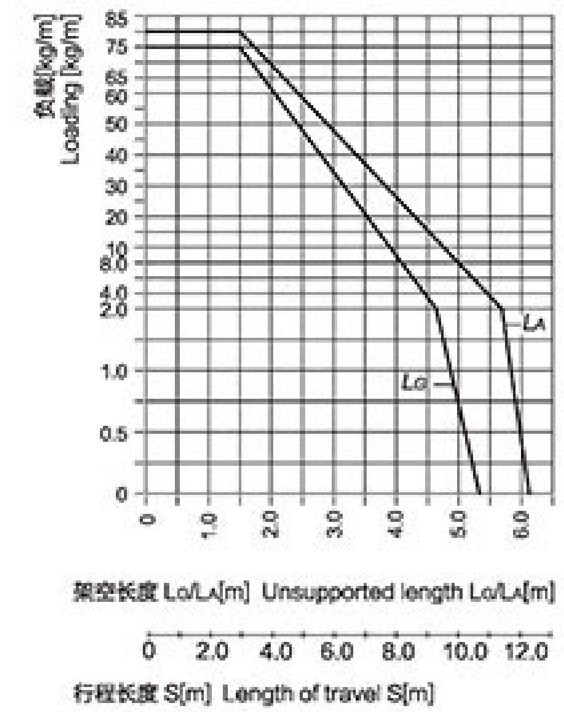
❶ 竖隔离片（Vertical Separator）	13152	
❷ 横隔板片（Transverse Septum）	13087	
❸ 竖隔离片（Vertical Separator）	13152	
❹ 横隔离片（Horizontal Separator）	13151	
❺ 竖隔离片（Vertical Separator）	13152	注(Note)：A=25mm,30mm,40mm,50mm,60mm,70mm

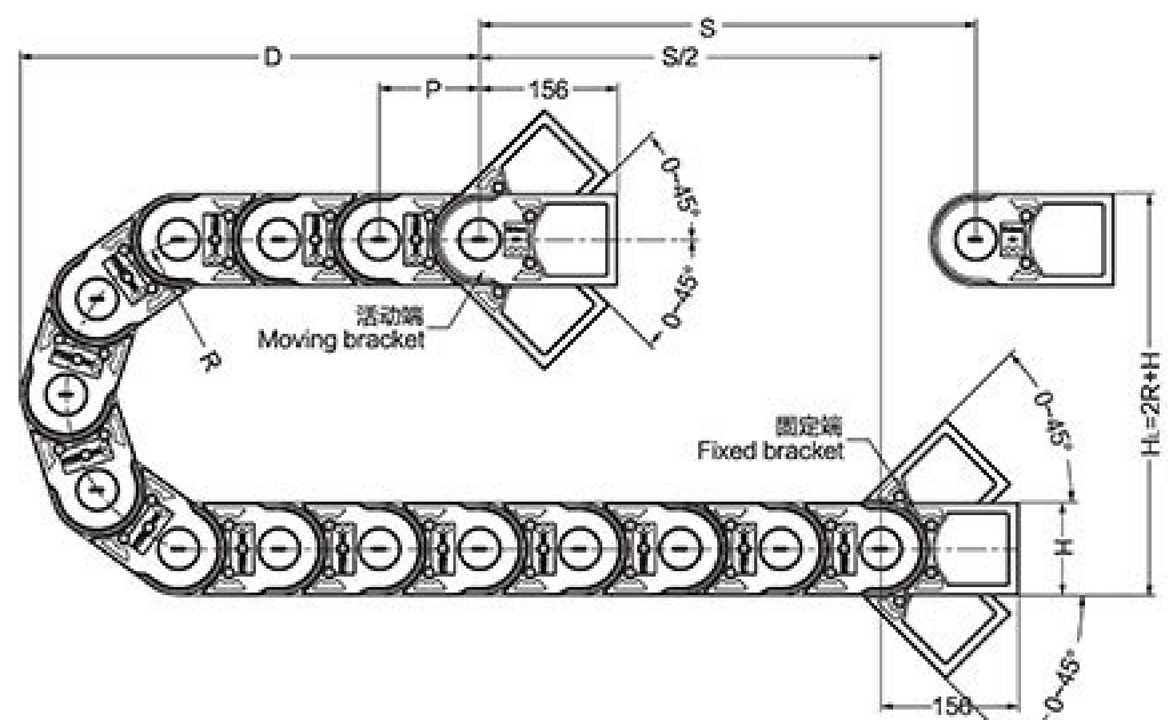
ZLF80 拖链-安装尺寸及技术参数
ZLF80 Cable Chain-Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
300 (11.81)	709 (27.91)	610 (24.02)	1170 (46.06)	115 (4.53)
350 (13.78)	809 (31.85)	710 (27.95)	1330 (52.36)	115 (4.53)
400 (15.75)	909 (35.79)	810 (31.89)	1485 (58.46)	115 (4.53)
500 (19.69)	1109 (43.66)	1010 (39.76)	1800 (70.87)	115 (4.53)
600 (23.62)	1309 (51.54)	1210 (47.64)	2115 (83.27)	115 (4.53)
650 (25.59)	1409 (55.47)	1310 (51.57)	2270 (89.37)	115 (4.53)
1000 (39.37)	2109 (83.03)	2010 (79.13)	3370 (132.68)	115 (4.53)

实际安装高度：$H_S=H_L+120mm$
拖链长度：$L=S/2+K$（固定端在中间）
每米链节数：N=9（1035mm）

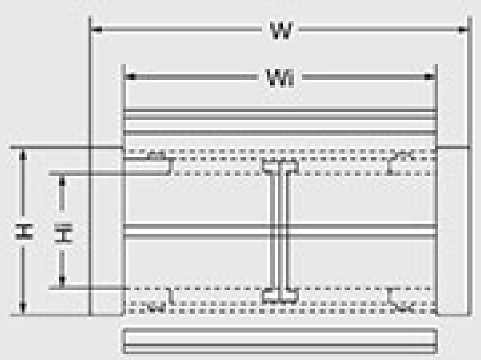
The required clearance height: $H_S=H_L+4.72in.$
Chain length: $L=S/2+K$ (Fixed end in the middle)
Links per meter: N=9 (40.75 in.)

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZLQ80 拖链 ZLQ80 Cable Chain
ZLF80 拖链 ZLF80 Cable Chain

ZLF80 拖链–产品规格范围
ZLF80 Cable Chain–Product specifications

ZLF80拖链–内外侧可开 ZLF80 Cable Chain–Inner and outer can be opened



产品代码结构
Part Number Structure

ZLF80100*R*L*n

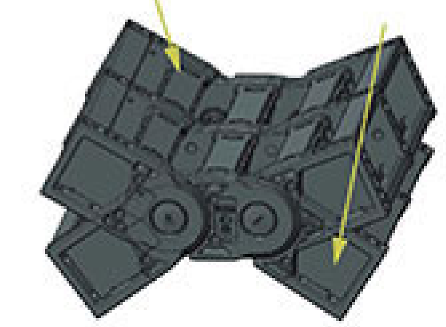
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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 (ibs/ft)	
ZLF80150		80 (3.15)	150 (5.91)	109 (4.29)	198 (7.80)	6.93 (4.71)	

订货范例 Order details **ZLF80150 * R350 * 1000mm * 2**

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
300 (11.81)	709 (27.91)	610 (24.02)	1170 (46.06)	115 (4.53)
350 (13.78)	809 (31.85)	710 (27.95)	1330 (52.36)	115 (4.53)
400 (15.75)	909 (35.79)	810 (31.89)	1485 (58.46)	115 (4.53)
500 (19.69)	1109 (43.66)	1010 (39.76)	1800 (70.87)	115 (4.53)
600 (23.62)	1309 (51.54)	1210 (47.64)	2115 (83.27)	115 (4.53)
650 (25.59)	1409 (55.47)	1310 (51.57)	2270 (89.37)	115 (4.53)
1000 (39.37)	2109 (83.03)	2010 (79.13)	3370 (132.68)	115 (4.53)

ZLF80 拖链–拖链接头
ZLF80 Cable Chain–Mounting Bracket

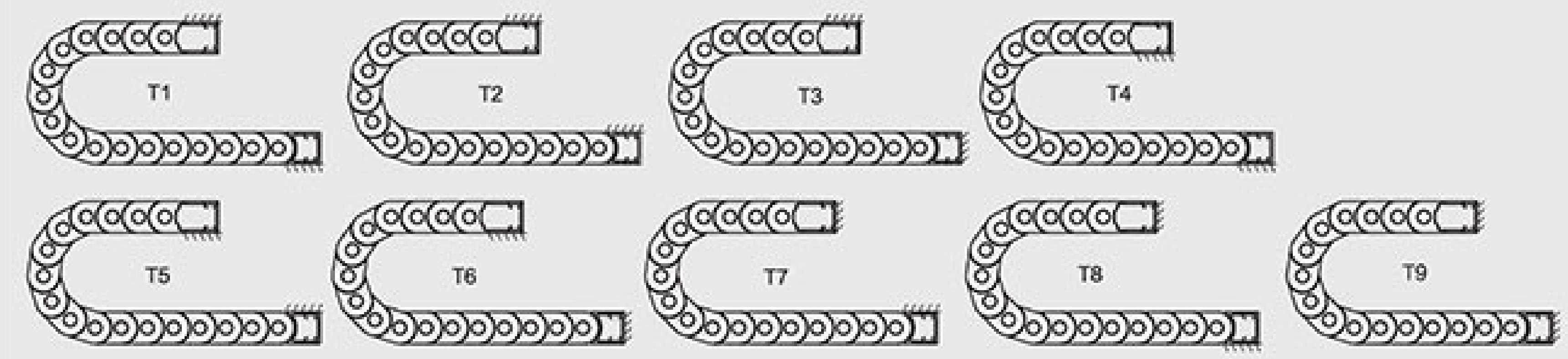


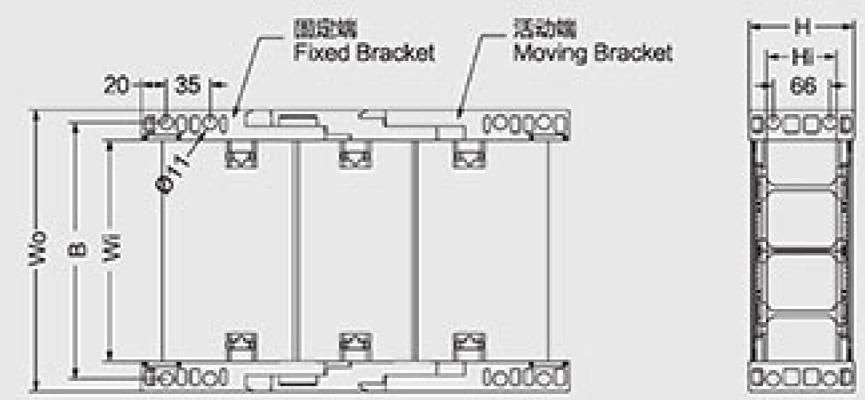
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Steel mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

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





ZLF80150

拖链型号 Type	拖链编码 Code	其他编码 Other Code	Wo尺寸 Dimension Wo	B尺寸 Dimension B
			mm (in.)	mm (in.)
ZLF80150	13161	接头 Mounting Bracket 13150; 横隔离片 Horizontal separator 13151; 主体 Main Body 13148; 横隔插片 Transverse septum 13087; 竖隔离片 Vertical separator 13162; 锁扣 Fixed Button 13092	198 (7.80)	178 (7.01)

产品代码结构 Part Number Structure

ZLF80150*B*T1

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

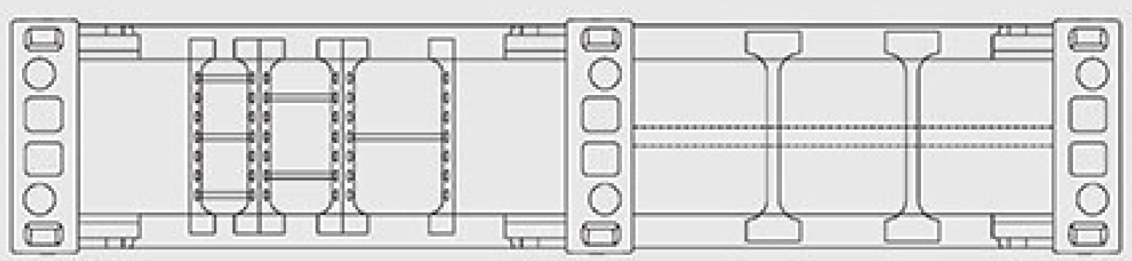
ZLF80150*B*T1*n	两端接头 On both brackets
ZLF80150*f*T1*n	固定端接头 Fixed bracket
ZLF80150*m*T1*n	活动端接头 Moving bracket

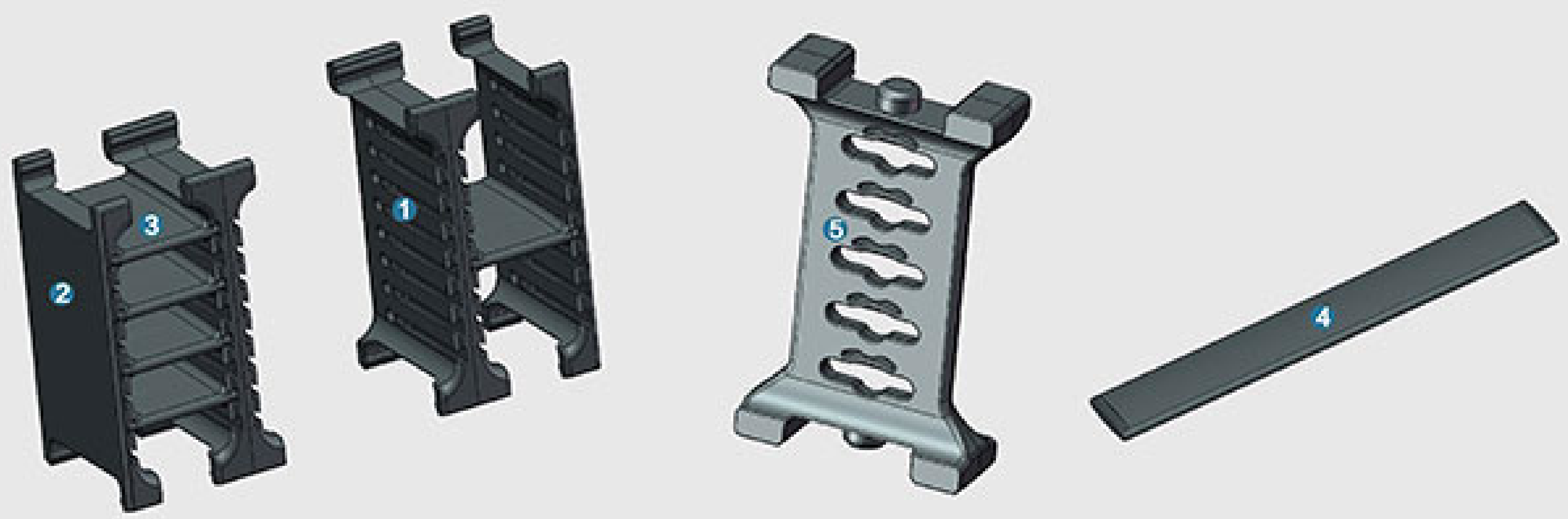
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

ZLF80 拖链-隔离片
ZLF80 Cable Chain-Separator

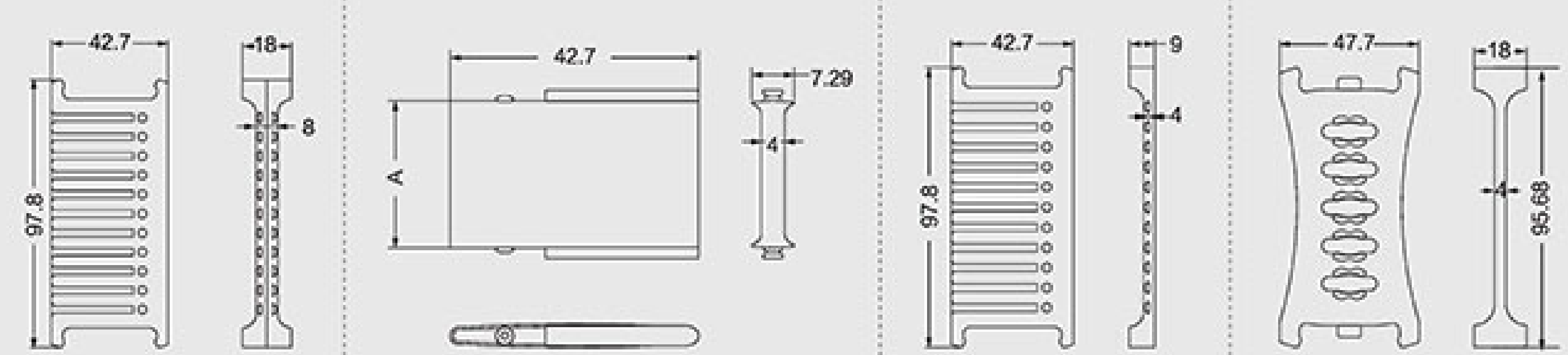
- 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
- 隔离元件的数量可以根据客户的实际需求进行配备
- 竖隔（插）片安装完成后，不可滑动

- The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning.
- The number of isolated components can be equipped according to the actual needs of customers.
- Separator can' t be moved after assembling.





单位（Unit）：mm



ZLF80隔离元件编码
The separator NO. for ZLF80 :

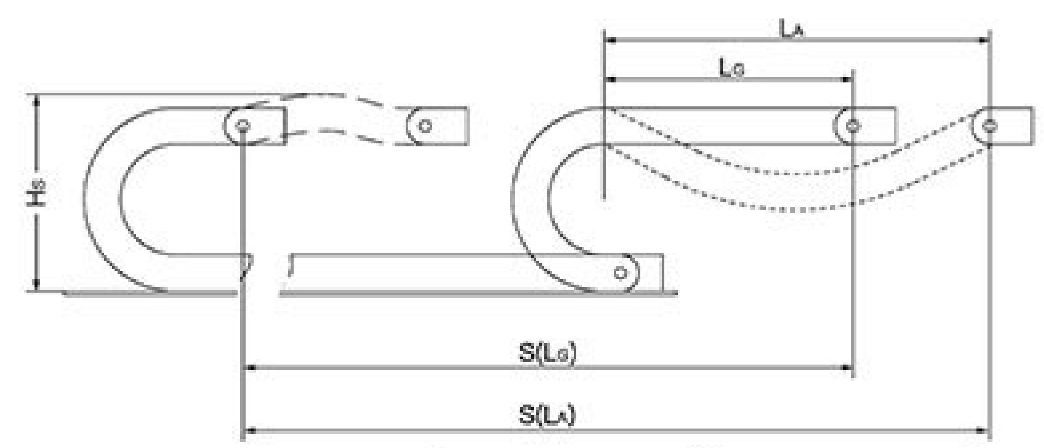
❶ 竖隔离片（Vertical Separator）	13162	
❷ 横隔插片（Transverse Septum）	13087	
❸ 竖隔离片（Vertical Separator）	13162	
❹ 横隔离片（Horizontal Separator）	13127	
❺ 竖隔离片（Vertical Separator）	13162	注(Note)：A=25mm,30mm,40mm,50mm,60mm,70mm

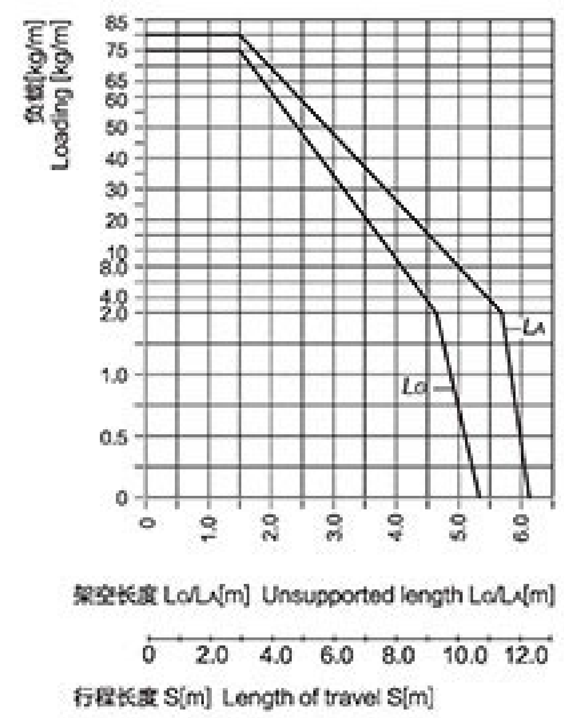
ZHQ80 拖链-安装尺寸及技术参数
ZHQ80 Cable Chain-Installation Dimensions and Technical Parameters

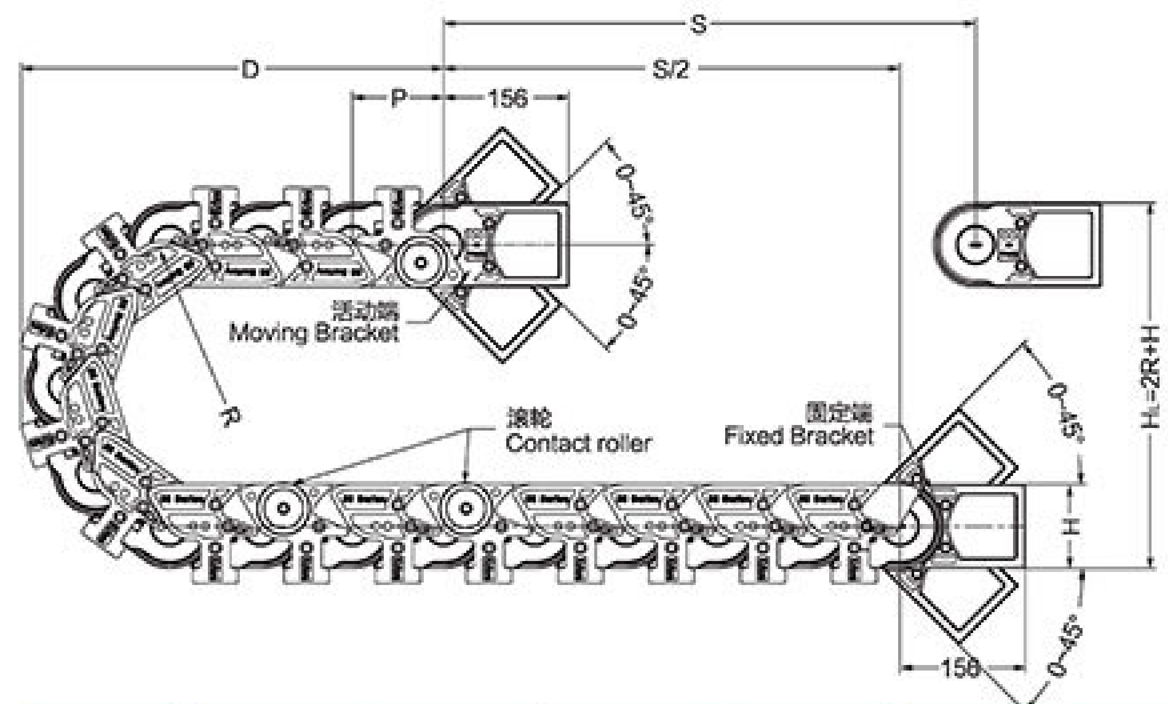
架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度

- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag







S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

R	H_L	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	424 (16.69)	310 (12.20)	700 (27.56)	115 (4.53)
200 (7.87)	524 (20.63)	410 (16.14)	860 (33.86)	115 (4.53)
250 (9.84)	624 (24.57)	510 (20.08)	1015 (39.96)	115 (4.53)
300 (11.81)	724 (28.50)	610 (24.02)	1170 (46.06)	115 (4.53)
350 (13.78)	824 (32.44)	710 (27.95)	1330 (52.36)	115 (4.53)
400 (15.75)	924 (36.38)	810 (31.89)	1485 (58.46)	115 (4.53)
500 (19.69)	1124 (44.25)	1010 (39.76)	1800 (70.87)	115 (4.53)
600 (23.62)	1324 (52.13)	1210 (47.64)	2115 (83.27)	115 (4.53)
650 (25.59)	1424 (56.06)	1310 (51.57)	2270 (89.37)	115 (4.53)
1000 (39.37)	2124 (83.03)	2010 (79.13)	3370 (132.68)	115 (4.53)

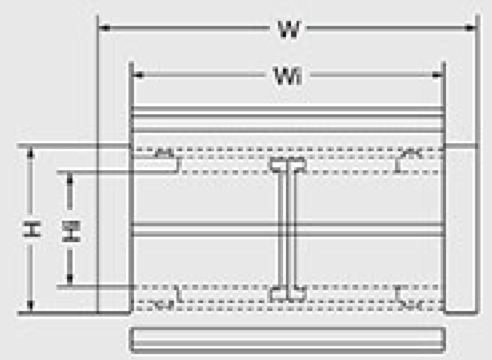
实际安装高度: H_S=H_L+120mm
拖链长度: L=S/2+K（固定端在中间）
每米链节数: N=9（1035mm）

The required clearance height: H_S=H_L+4.72in.
Chain length: L=S/2+K（Fixed end in the middle）
Links per meter: N=9（40.75 in.）

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	max.20[m/s]/max.200[m/s²]
速度/加速度L_A	Speed/acceleration L_A	max.3[m/s]/max.6[m/s²]
滑行速度/加速度	Gliding speed/acceleration	max.12[m/s]/max.50[m/s²]
材料-允许温度℃	Material-permitted temperature	Reinforce PA/-40℃至+125℃
阻燃等级，增强尼龙	Flammability Class, Reinforce PA	UL94 V-2

ZHQ80 拖链-产品规格范围
ZHQ80 Cable Chain-Product specifications

ZHQ80拖链-内外侧可开 ZHQ80 Cable Chain-Inner and outer can be opened



产品代码结构
Part Number Structure

ZHQ80100*R*L*n

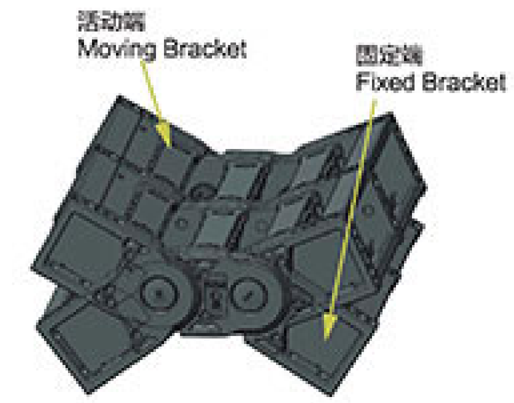
- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 弯曲半径 (Bending Radius)
- 内宽 (Inner Width)
- 型号 (Type)

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 (ibs/ft)	
ZHQ8075		80 (3.15)	75 (2.95)	124 (4.88)	173 (6.81)	6.52 (4.43)	
ZHQ80100			100 (3.94)		198 (7.80)	6.93 (4.71)	
ZHQ80125			125 (4.92)		223 (8.78)	7.35 (5.00)	
ZHQ80150			150 (5.91)		248 (9.76)	9.79 (6.66)	
ZHQ80175			175 (6.89)		273 (10.75)	10.35 (7.04)	
ZHQ80200			200 (7.87)		298 (11.73)	11.84 (8.05)	
ZHQ80250			250 (9.84)		348 (13.70)	12.36 (8.40)	
ZHQ80300			300 (11.81)		398 (15.67)	14.02 (9.53)	
ZHQ80350			350 (13.78)		448 (17.64)	15.70 (10.68)	
ZHQ80400			400 (15.75)		498 (19.61)	16.23 (11.04)	
ZHQ80450			450 (17.72)		548 (21.57)	19.22 (13.07)	
ZHQ80500			500 (19.69)		598 (23.54)	21.06 (14.32)	
ZHQ80550			550 (21.65)		648 (25.51)	22.99 (15.63)	
ZHQ80600			600 (23.62)		698 (27.48)	23.74 (16.14)	

订货范例
Order details
ZHQ8075 * R150 * 1000mm * 2

R	H	D	K	P
mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
150 (5.91)	424 (16.69)	310 (12.20)	700 (27.56)	115 (4.53)
200 (7.87)	524 (20.63)	410 (16.14)	860 (33.86)	115 (4.53)
250 (9.84)	624 (24.57)	510 (20.08)	1015 (39.96)	115 (4.53)
300 (11.81)	724 (28.50)	610 (24.02)	1170 (46.06)	115 (4.53)
350 (13.78)	824 (32.44)	710 (27.95)	1330 (52.36)	115 (4.53)
400 (15.75)	924 (36.38)	810 (31.89)	1485 (58.46)	115 (4.53)
500 (19.69)	1124 (44.25)	1010 (39.76)	1800 (70.87)	115 (4.53)
600 (23.62)	1324 (52.13)	1210 (47.64)	2115 (83.27)	115 (4.53)
650 (25.59)	1424 (56.06)	1310 (51.57)	2270 (89.37)	115 (4.53)
1000 (39.37)	2124 (83.03)	2010 (79.13)	3370 (132.68)	115 (4.53)

ZHQ80 拖链-拖链接头
ZHQ80 Cable Chain-Mounting Bracket

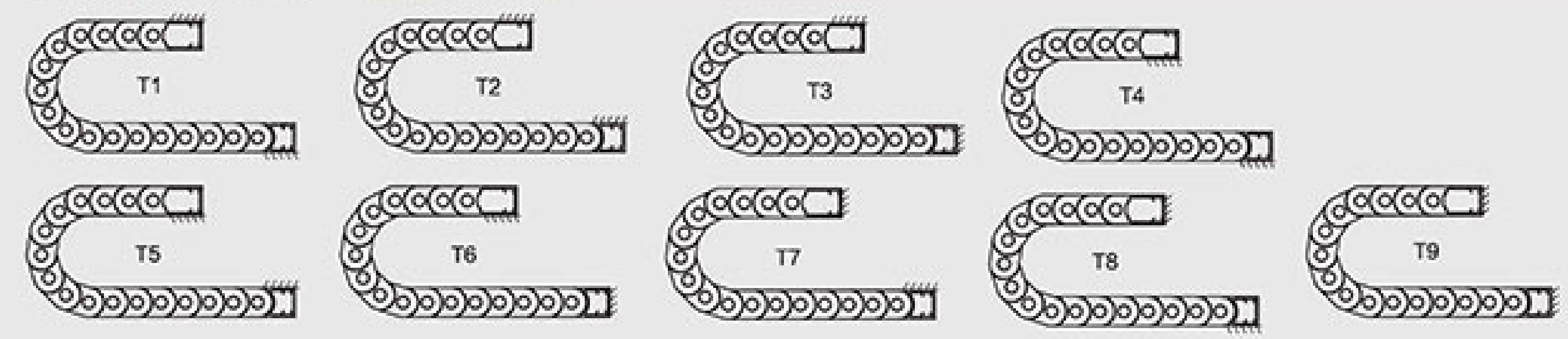


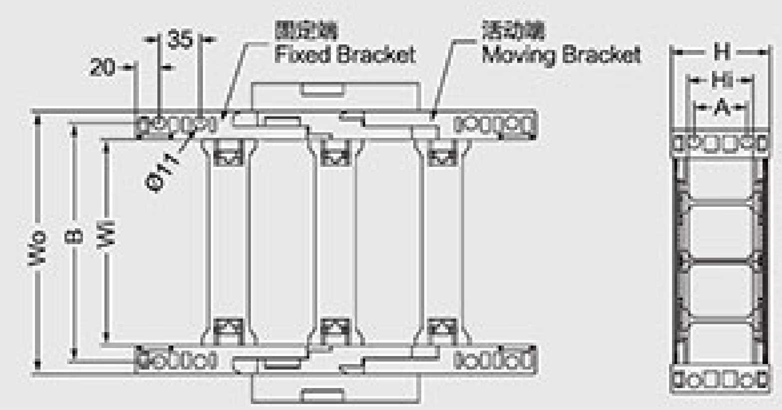
塑料接头，分体式 Plastic Mounting Bracket, Splited structure

- 双侧独立式塑料接头
- 两端接头均可双向活动
- 耐腐蚀&耐摩擦
- 可提供预装配形式
- 可实现内外连接

- Independent Plastic mounting bracket on the two end
- Two end mounting bracket can be movable to upper and lower
- Anti-corrosion, Rub-resistance
- Available preassembly form
- Can realize the internal and external connections

可适配的接头安装方式 Available installation methods





ZHQ8075 / ZHQ80100 / ZHQ80125 / ZHQ80150 / ZHQ80175
ZHQ80200 / ZHQ80250 / ZHQ80300 / ZHQ80350 / ZHQ80400
ZHQ80500 / ZHQ80550 / ZHQ80600

拖链型号 Type	拖链编码 Code	其他编码 Other Code		Wo尺寸 Dimension Wo	B尺寸 Dimension B
				mm (in.)	mm (in.)
ZHQ8075	13074	接头 Mounting Bracket	13150	123 (4.84)	103 (4.06)
ZHQ80100	13075			148 (5.83)	126 (4.96)
ZHQ80125	13076	主体 Main Body	13148	173 (6.81)	153 (6.02)
ZHQ80150	13077	竖隔离片 Vertical separator	13162	198 (7.80)	178 (7.01)
ZHQ80175	13078	横隔离片 Horizontal separator	13151	223 (8.78)	203 (7.99)
ZHQ80200	13079			248 (9.76)	228 (8.98)
ZHQ80250	13080	横隔插片 Transverse septum	13087	298 (11.73)	278 (10.94)
ZHQ80300	13093	L400隔离杆 Separator of Length with 400mm	13090	348 (13.70)	328 (12.91)
ZHQ80350	13085	滚轮 Contact roller	13088	398 (15.67)	378 (14.88)
ZHQ80400	13102			448 (17.64)	428 (16.85)
ZHQ80450	13103	轮架 Frame of wheels	13149	498 (19.61)	478 (18.82)
ZHQ80500	13103	轴销 Axle pin	13153	548 (21.57)	528 (20.79)
ZHQ80550	13104			598 (23.54)	578 (22.76)
ZHQ80600	13104	锁扣 Fixed Button	13092	648 (25.51)	628 (24.72)

产品代码结构 Part Number Structure

ZHQ80100*B*T1

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

ZHQ80100*B*T1*n 两端接头 On both brackets
ZHQ80100*f*T1*n 固定端接头 Fixed bracket
ZHQ80100*m*T1*n 活动端接头 Moving bracket

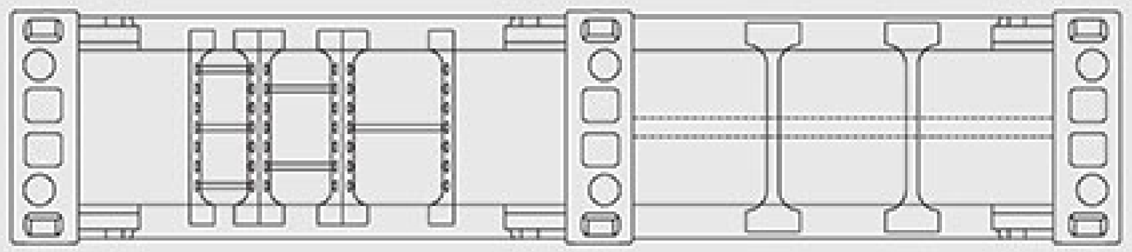
每款拖链的接头都有所不同，订购时如有任何疑问，请及时咨询科瑞斯。
Every bracket is different,please contact us if you have any question.

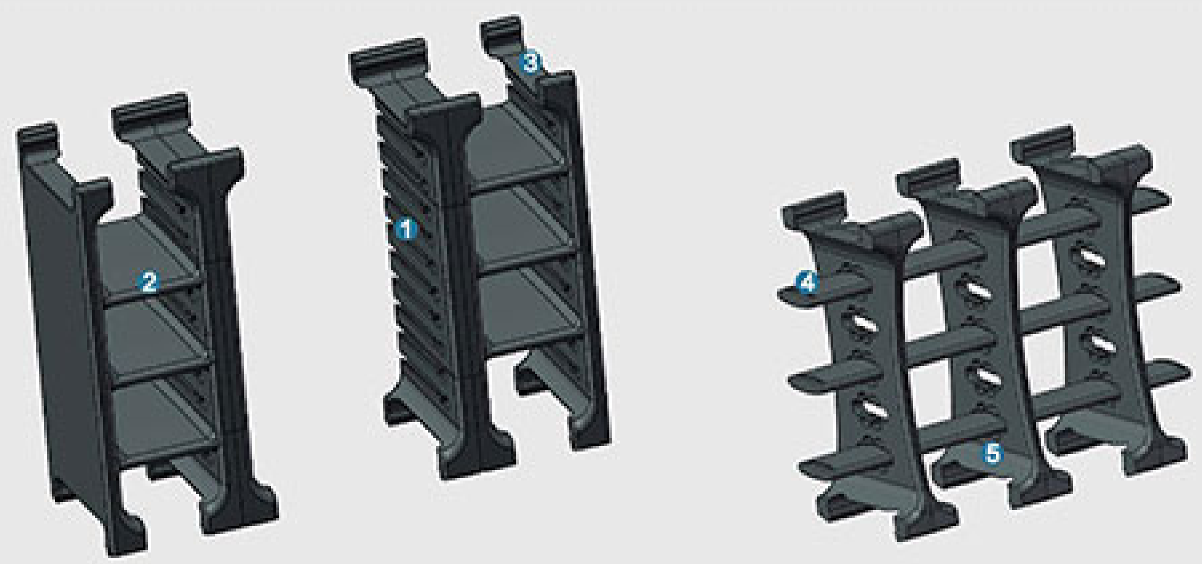
强力型多功能拖链 Heavy loading type multifunctional Cable Chain | Krius® 科瑞斯

ZHQ80 拖链-隔离片
ZHQ80 Cable Chain-Separator

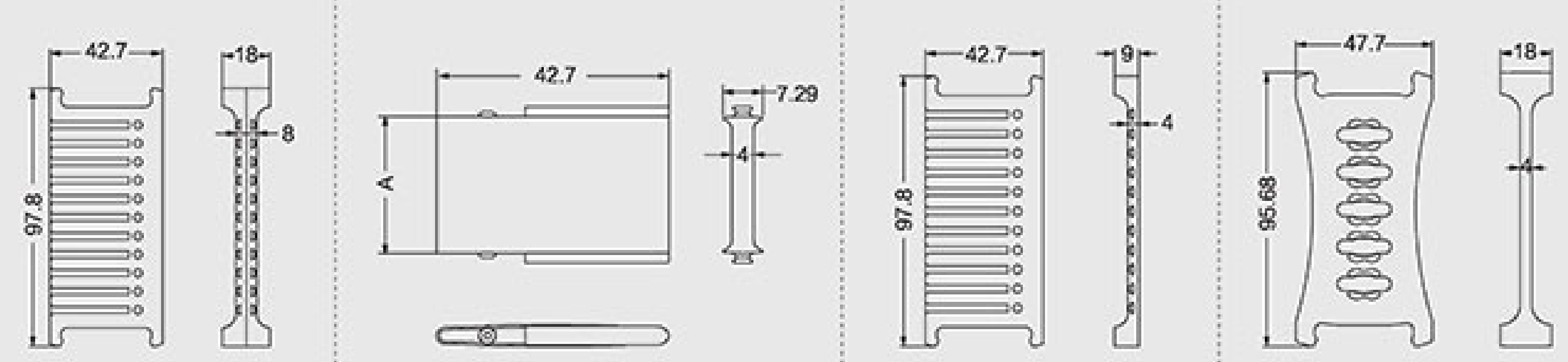
- 本款拖链可供选配的隔离元件为横隔离（插）片和竖隔离（插）片，可以实现垂直分隔和/或水平分隔
- 隔离元件的数量可以根据客户的实际需求进行配备
- 竖隔（插）片可以根据线缆排布进行滑动

- The isolation element is equipped with horizontal chain (plug) and vertical isolation (plug), you can achieve vertical segmentation and / or horizontal partitioning
- The number of isolated components can be equipped according to the actual needs of customers
- Separator can be moved for different cables





单位（Unit）：mm



ZHQ80隔离元件编码
The separator NO. for ZHQ80 :

❶ 竖隔离片	（Vertical Separator）	13152
❷ 横隔插片	（Transverse Septum）	13087
❸ 竖隔离片	（Vertical Separator）	13152
❹ 横隔离片	（Horizontal Separator）	13151
❺ 竖隔离片	（Vertical Separator）	13152

注(Note) : A=25mm,30mm,40mm,50mm,60mm,70mm

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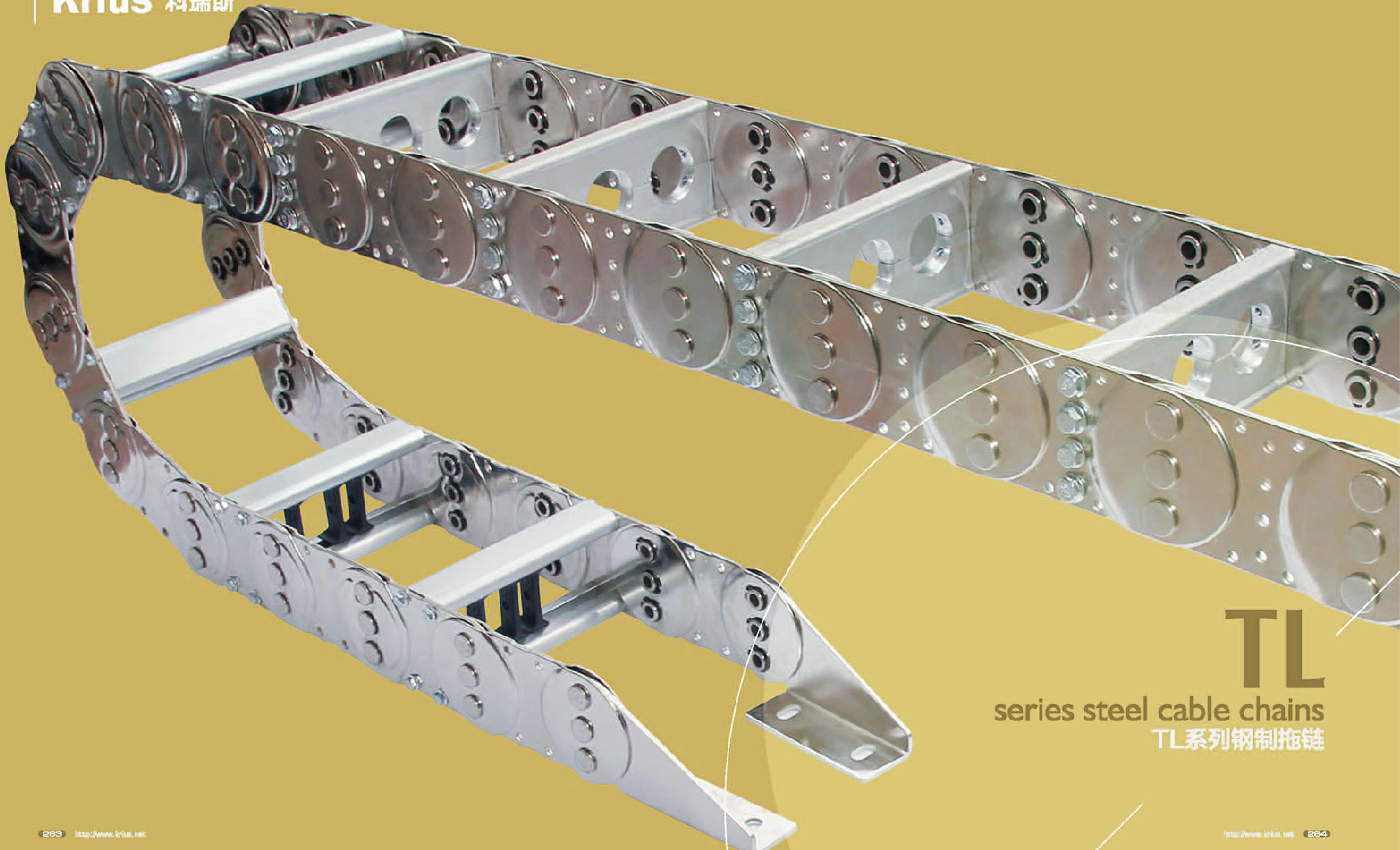


TL

series steel cable chains

TL系列钢制拖链

TL系列钢制拖链
TL series steel cable chains

功能特点 Features & Benefits

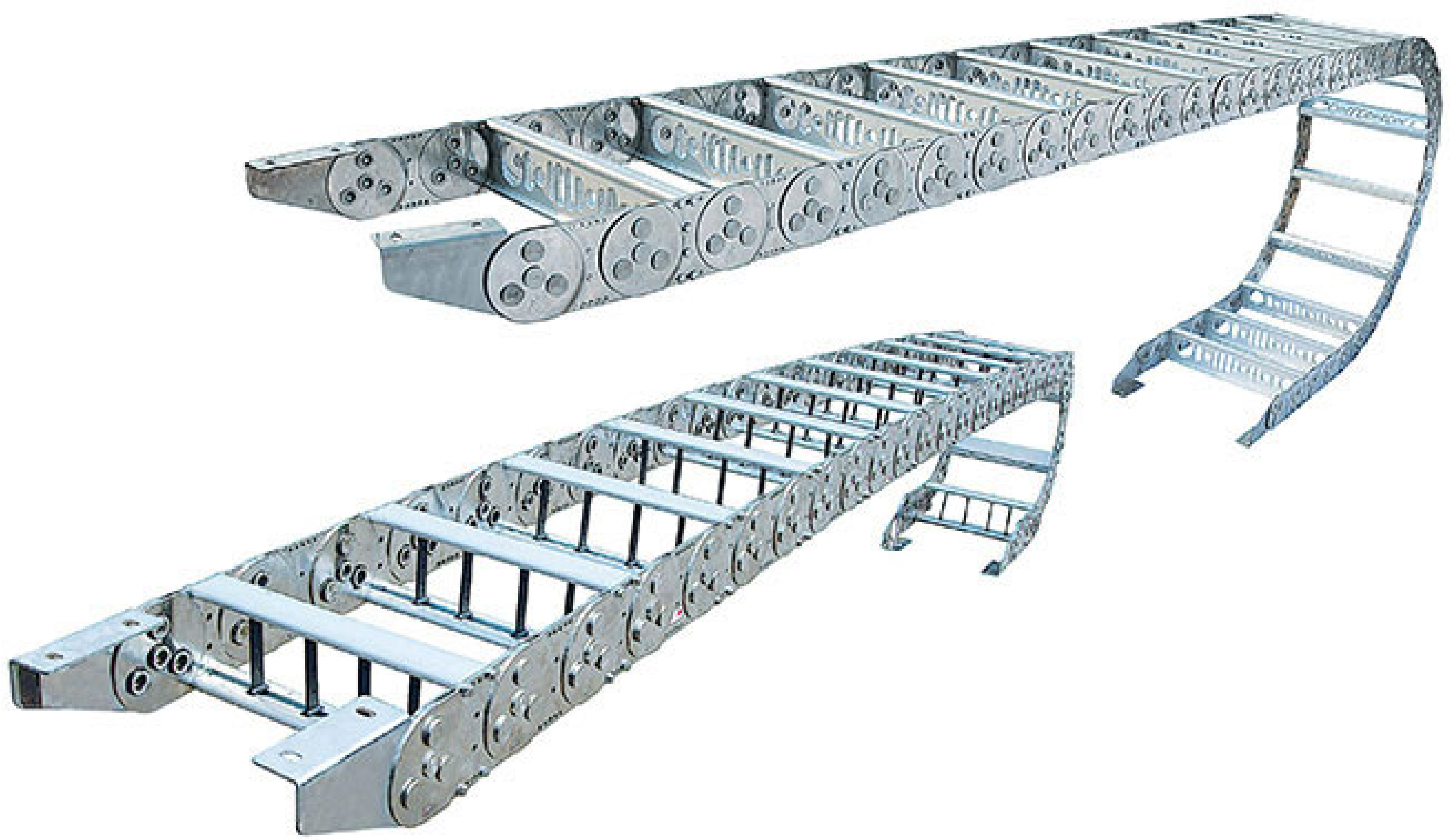
TL系列拖链的主体是由链板（优质钢板镀铬）、支撑板（挤拉铝合金）、轴销（合金钢）等部件组成，
使电缆或橡胶管与拖链之间产生相对运动，不产生扭曲变形，链板经镀铬处理外形效果新颖，结构合理，灵巧强度高，
刚性好不易变形，拆装方便，可靠性高；尤其是本产品采用了高强度耐磨材料，
采用合金钢材质的轴销使产品的耐磨强度更高，弯曲更灵活，阻力更小，噪音更低，从而可保证长时间使用不变形，不下垂。
由于本产品外观精美，可在较大程度上增强机床设备的整体艺术效果，增强机床、机械设备等在国际市场的竞争力。

- 钢制拖链可适应最大移动速度40m/min
- 钢制拖链在运行时，噪声声压级不大于68分贝
- 钢制拖链的安全使用寿命不小于100万次往复运动

TL towline series the subject is made up of parts by the chain plate (high quality chrome plated steel sheet), support plate (pultruded aluminum alloy) shaft pin alloy steel etc., to produce relative movement between the cable or a rubber tube and chain, no distortion, the chain plate by chrome treatment shape effect novel, reasonable structure, flexible and high strength, rigid and not easy to deformation, convenient assembly and disassembly, high reliability; especially the product with high strength and wear resistant material, the alloy steel material of the shaft pin to wear of the product strength higher, bending more flexible, less resistance, lower noise, in ensure no deformation for a long time use, not pendulous.

Due to the appearance of this product is exquisite, it can enhance the overall artistic effect of machine tools, and enhance the competitiveness of machine tools, machinery and equipment in the international market.

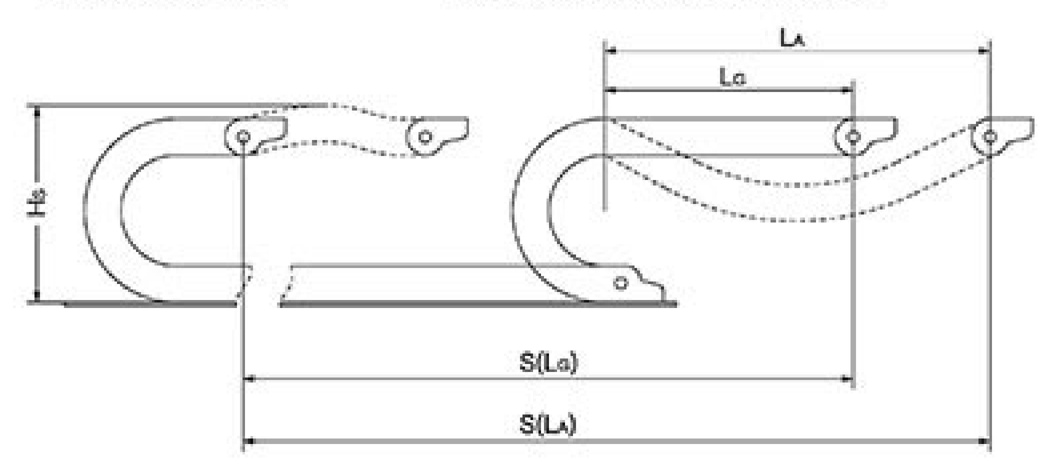
- Steel drag chain can adapt to the maximum speed of 40m/min
- Steel drag chain at run time, noise sound pressure level is not more than 68 decibels
- Steel drag chain security service life not less than 1 million reciprocating motion

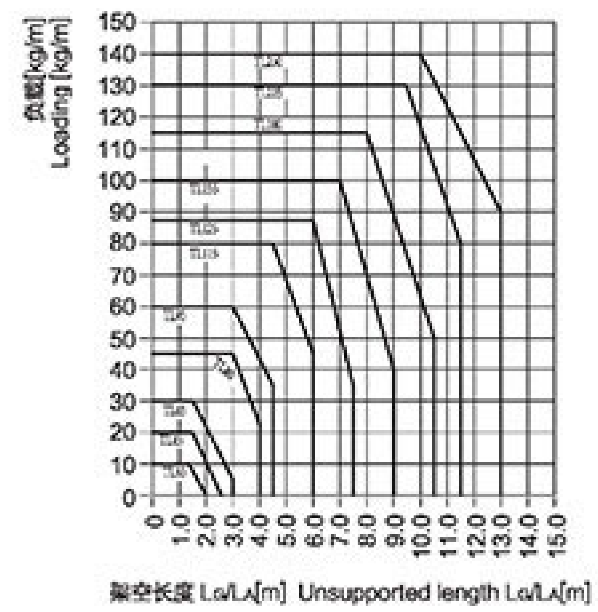


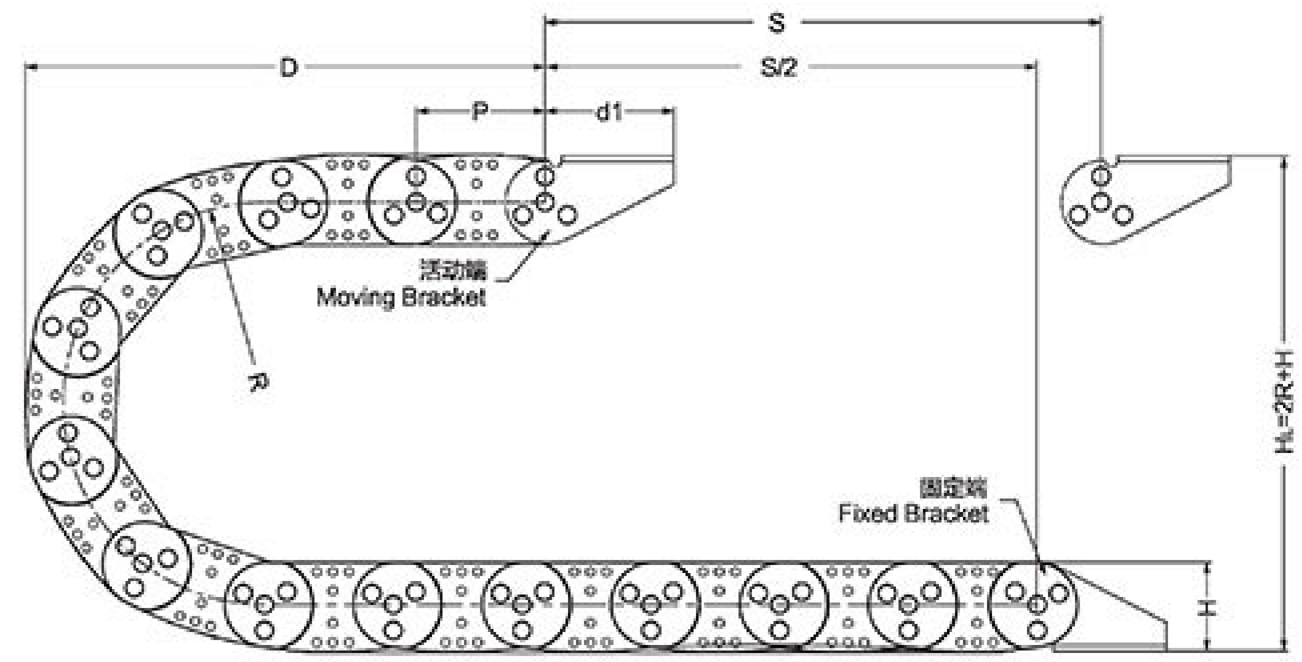
TL 拖链−安装尺寸及技术参数
TL Cable Chain−Installation Dimensions and Technical Parameters

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag





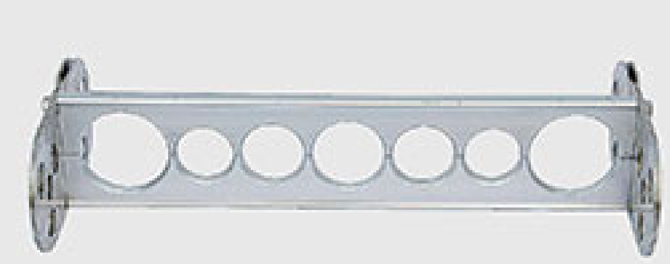


S =行程长度
R =弯曲半径
P =节距
L =拖链长度
N =每米链节数
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =Л · R+2P
* K值可在科瑞斯相关表格中直接查询

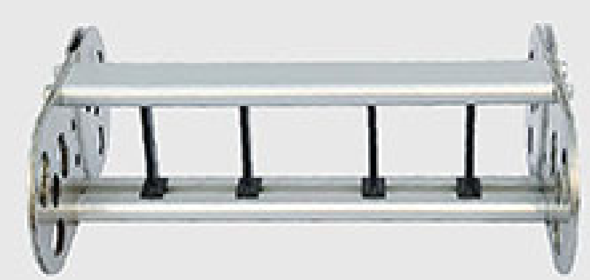
S =Length of travel
R =Bending radius
P =Pitch
L =Length of chain
N =Links per meter
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =Л · R+2P
* You can find it from below chart for more details

支撑板形式 Support plate type

I型整体式、II型上下分体式
Type I integral、 II type upper and lower split type



III型框架式
III framework



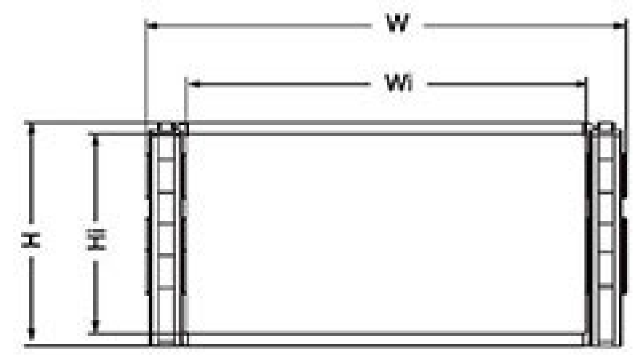
技术参数 Technical Parameters

速度/加速度L_G	Speed/acceleration L_G	视情况而定 It depends on the situation
速度/加速度L_A	Speed/acceleration L_A	
滑行速度/加速度	Gliding speed/acceleration	

附表一（TL系列拖链技术参数表）
Table 1（Technical parameter）

型号 Type	R	H_L	D	K	P	N	d1	支撑板最大孔径 Max. hole diameter of support plate	支撑板形式 Support plate type
TL30	20 (0.79)	65 (2.56)	50 (1.97)	120 (4.72)	30 (1.18)	33 (1.30)	47.5 (1.87)	–	III
TL45	50 (1.97) 75 (2.95) 90 (3.54) 115 (4.53) 145 (5.71)	132 (5.20) 182 (7.17) 212 (8.35) 262 (10.31) 322 (12.68)	110 (4.33) 160 (6.30) 190 (7.48) 240 (9.45) 300 (11.81)	245 (9.65) 325 (12.80) 370 (14.57) 450 (17.72) 545 (21.46)	45 (1.77)	22 (0.87)	65 (2.56)	–	III
TL65	75 (2.95) 90 (3.54) 115 (4.53) 125 (4.92) 145 (5.71) 185 (7.28)	194 (7.64) 224 (8.82) 274 (10.79) 294 (11.57) 334 (13.15) 414 (16.30)	160 (6.30) 190 (7.48) 240 (9.45) 260 (10.24) 300 (11.81) 380 (14.96)	365 (14.37) 410 (16.14) 490 (19.29) 520 (20.47) 585 (23.03) 710 (27.95)	65 (2.56)	15 (0.59)	95 (3.74)	32 (1.26)	I / II / III
TL80	100 (3.94) 115 (4.53) 125 (4.92) 145 (5.71) 185 (7.28) 200 (7.87) 250 (9.84) 300 (11.81)	256 (10.08) 286 (11.26) 306 (12.05) 346 (13.62) 426 (16.77) 456 (17.95) 556 (21.89) 656 (25.83)	210 (8.27) 240 (9.45) 260 (10.24) 300 (11.81) 380 (14.96) 410 (16.14) 510 (20.08) 610 (24.02)	475 (18.70) 520 (20.47) 550 (21.65) 615 (24.21) 740 (29.13) 790 (31.10) 945 (37.20) 1100 (43.31)	80 (3.15)	13 (0.51)	80 (3.15)	35 (1.38)	II / III
TL95	115 (4.53) 145 (5.71) 200 (7.87) 250 (9.84) 300 (11.81)	300 (11.81) 360 (14.17) 470 (18.50) 570 (22.44) 670 (26.38)	240 (9.45) 300 (11.81) 410 (16.14) 510 (20.08) 610 (24.02)	550 (21.65) 645 (25.39) 820 (32.28) 975 (38.39) 1130 (44.49)	95 (3.74)	11 (0.43)	130 (5.12)	50 (1.97)	I / II / III
TL115	145 (5.71) 200 (7.87) 225 (8.86) 250 (9.84) 300 (11.81) 350 (13.78)	376 (14.80) 486 (19.13) 536 (21.10) 586 (23.07) 686 (27.01) 786 (30.94)	300 (11.81) 410 (16.14) 460 (18.11) 510 (20.08) 610 (24.02) 710 (27.95)	685 (26.97) 860 (33.86) 935 (36.81) 1015 (39.96) 1170 (46.06) 1330 (52.36)	115 (4.53)	9 (0.35)	110 (4.33)	63 (2.48)	II / III
TL125	200 (7.87) 250 (9.84) 300 (11.81) 340 (13.39) 470 (18.50) 500 (19.69) 575 (22.64) 700 (27.56) 750 (29.53)	500 (19.69) 600 (23.62) 700 (27.56) 680 (30.71) 1040 (40.94) 1100 (43.31) 1250 (49.21) 1500 (59.06) 1600 (62.99)	410 (16.14) 510 (20.08) 610 (24.02) 690 (27.17) 950 (37.40) 1010 (39.76) 1160 (45.67) 1410 (55.51) 1510 (59.45)	880 (34.65) 1035 (40.75) 1190 (46.85) 1320 (51.97) 1725 (67.91) 1820 (71.65) 2055 (80.91) 2450 (96.46) 2605 (102.56)	125 (4.92)	8 (0.31)	155 (6.10)	75 (2.95)	I / II / III
TL155	200 (7.87) 250 (9.84) 300 (11.81) 350 (13.78) 450 (17.72) 500 (19.69) 600 (23.62)	520 (20.47) 620 (24.41) 720 (28.35) 820 (32.28) 1020 (40.16) 1120 (44.09) 1320 (51.97)	410 (16.14) 510 (20.08) 610 (24.02) 710 (27.95) 910 (35.83) 1010 (39.76) 1210 (47.64)	940 (37.01) 1095 (43.11) 1250 (49.21) 1410 (55.51) 1725 (67.91) 1880 (74.02) 2195 (86.42)	155 (6.10)	7 (0.28)	160 (6.30)	97 (3.82)	II / III
TL180	250 (9.84) 300 (11.81) 350 (13.78) 450 (17.72) 490 (19.29) 600 (23.62) 650 (25.59)	644 (25.35) 744 (29.29) 844 (33.23) 1044 (41.10) 1124 (44.25) 1344 (52.91) 1444 (56.85)	510 (20.08) 610 (24.02) 710 (27.95) 910 (35.83) 990 (38.98) 1210 (47.64) 1310 (51.57)	1145 (45.08) 1300 (51.18) 1460 (57.48) 1775 (69.88) 1900 (74.80) 2245 (88.39) 2400 (94.49)	180 (7.09)	6 (0.24)	210 (8.27)	110 (4.33)	II / III
TL225	400 (15.75) 450 (17.72) 600 (23.62) 750 (29.53) 800 (31.50) 850 (33.46) 1000 (39.37)	1000 (39.37) 1100 (43.31) 1400 (55.12) 1700 (66.93) 1800 (70.87) 1900 (74.80) 2200 (86.61)	810 (31.89) 910 (35.83) 1210 (47.64) 1510 (59.45) 1610 (63.39) 1710 (67.32) 2010 (79.13)	1705 (67.15) 1865 (73.43) 2335 (91.93) 2805 (110.43) 2965 (116.73) 3120 (122.83) 3590 (141.34)	225 (8.86)	5 (0.20)	295 (11.61)	146 (5.75)	II / III
TL250	400 (15.75) 450 (17.72) 500 (19.69) 600 (23.62) 750 (29.53) 800 (31.50) 1000 (39.37)	1020 (40.16) 1120 (44.09) 1220 (48.03) 1420 (55.91) 1720 (67.72) 1820 (71.65) 2220 (87.40)	810 (31.89) 910 (35.83) 1010 (39.76) 1210 (47.64) 1510 (59.45) 1610 (63.39) 2010 (79.13)	1755 (69.09) 1915 (75.39) 2070 (81.50) 2385 (93.90) 2855 (112.40) 3015 (118.70) 3640 (143.31)	250 (9.84)	4 (0.16)	295 (11.61)	166 (6.54)	II / III

TL 拖链-产品规格范围
TL Cable Chain-Product specifications



产品代码结构
Part Number Structure

TL80III*R*Wi*L*n

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 内宽 (Inner Width)
- 弯曲半径 (Bending Radius)
- 支撑板类型 (Supporting board type)
- 型号 (Type)

订购示例-整条拖链 Order details-integrated chain

请注明拖链长度或者链节数　如：1米或12节

TL80III*R200*200*1000*2
(2条长度1米的TL80钢制拖链，半径为200mm，
内宽为200mm，选用III型支撑板)

Please mark the length or link number, such as 1 meter or 12 links

TL80III*R200*200*1000*2
(2pcs TL80 steel chain with L 1m ,bending radius 200,
inner width 200mm with III supporter structure.)

附表二（TL系列拖链规格表）
Table 2（TL series steel drag chain specification）

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 (ibs/ft)	
TL30	参照附表一 See Table 1	10 (0.39)	可订制 Customized	25 (0.98)	(Wi+8mm)	以实际称重为准 Please according to the actual weight	
TL45		16 (0.63)		32 (1.26)	(Wi+12mm)		
TL65		24 (0.94)		44 (1.73)	(Wi+18mm)		
TL80		32 (1.26)		56 (2.20)	(Wi+18mm)		
TL95		47 (1.85)		70 (2.76)	(Wi+20mm)		
TL115		58 (2.28)		86 (3.39)	(Wi+24mm)		
TL125		68 (2.68)		100 (3.94)	(Wi+24mm)		
TL155		86 (3.39)		120 (4.72)	(Wi+26mm)		
TL180		112 (4.41)		144 (5.67)	(Wi+26mm)		
TL225		154 (6.06)		200 (7.87)	(Wi+26mm)		
TL250		172 (6.77)		220 (8.66)	(Wi+28mm)		

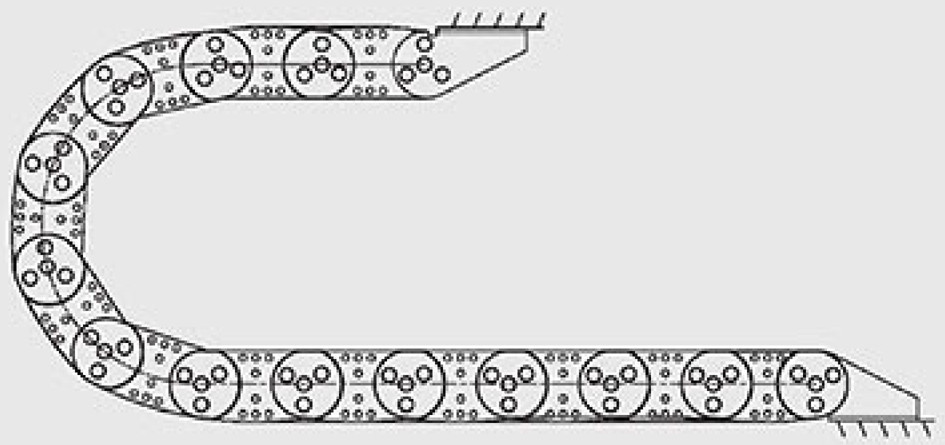
TL 拖链–拖链接头
TL Cable Chain–Mounting Bracket

钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀&耐摩擦
- 可实现内外连接

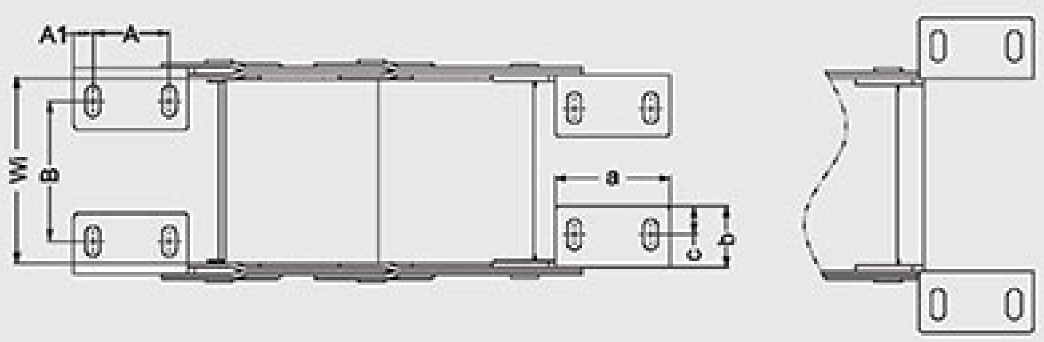
- Independent Steel mounting bracket on the two end
- Anti-corrosion, Rub-resistance
- Can realize the internal and external connections

接头安装方式 Installation methods

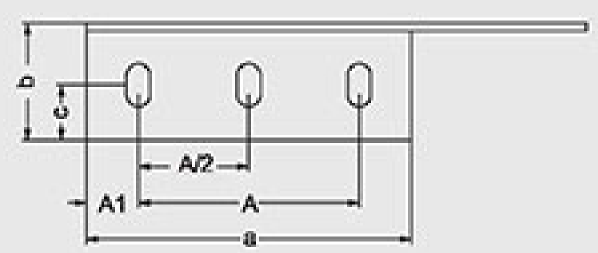


连接方式一
Connection way 1

连接方式二
Connection way 2



TL30 / TL45 / TL65 / TL80 / TL95 / TL115 / TL125 / TL155 / TL180 接头示意图
TL30 / TL45 / TL65 / TL80 / TL95 / TL115 / TL125 / TL155 / TL180 mounting bracket sketch



TL225 / TL250 接头示意图
TL225 / TL250 mounting bracket sketch

附表三（TL系列拖链接头参数表）
Table 3（TL series drag chain sub parameter table）

拖链型号 Type	孔尺寸 Hole Dimension	A尺寸 Dimension A	B尺寸 Dimension B	A1尺寸 Dimension A1	a尺寸 Dimension a	b尺寸 Dimension b	c尺寸 Dimension c
		mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
TL30	Ø6.4	25 (0.98)	(Wi-16mm)	7.5 (0.30)	40 (1.57)	15 (0.59)	7 (0.28)
TL45	Ø6.4*10	22.5 (0.89)	(Wi-25mm)	10 (0.39)	45 (1.77)	22.5 (0.89)	10 (0.39)
TL65	Ø7*17	45 (1.77)	(Wi-34mm)	15 (0.59)	75 (2.95)	30 (1.18)	13 (0.51)
TL80	Ø9*18	40 (1.57)	(Wi-35mm)	15 (0.59)	70 (2.76)	35 (1.38)	17 (0.67)
TL95	Ø9*18	65 (2.56)	(Wi-50mm)	20 (0.79)	105 (4.13)	45 (1.77)	20 (0.79)
TL115	Ø12*22	75 (2.95)	(Wi-50mm)	22.5 (0.89)	120 (4.72)	45 (1.77)	20 (0.79)
TL125	Ø11*20	80 (3.15)	(Wi-60mm)	25 (0.98)	130 (5.12)	55 (2.17)	25 (0.98)
TL155	Ø15*30	90 (3.54)	(Wi-65mm)	25 (0.98)	157 (6.18)	60 (2.36)	27.5 (1.08)
TL180	Ø13*23	115 (4.53)	(Wi-70mm)	30 (1.18)	175 (6.89)	60 (2.36)	25 (0.98)
TL225	Ø18*33	170 (6.69)	(Wi-95mm)	40 (1.57)	250 (9.87)	90 (3.54)	42.5 (1.67)
TL250	Ø18*33	170 (6.69)	(Wi-95mm)	40 (1.57)	250 (9.87)	90 (3.54)	42.5 (1.67)

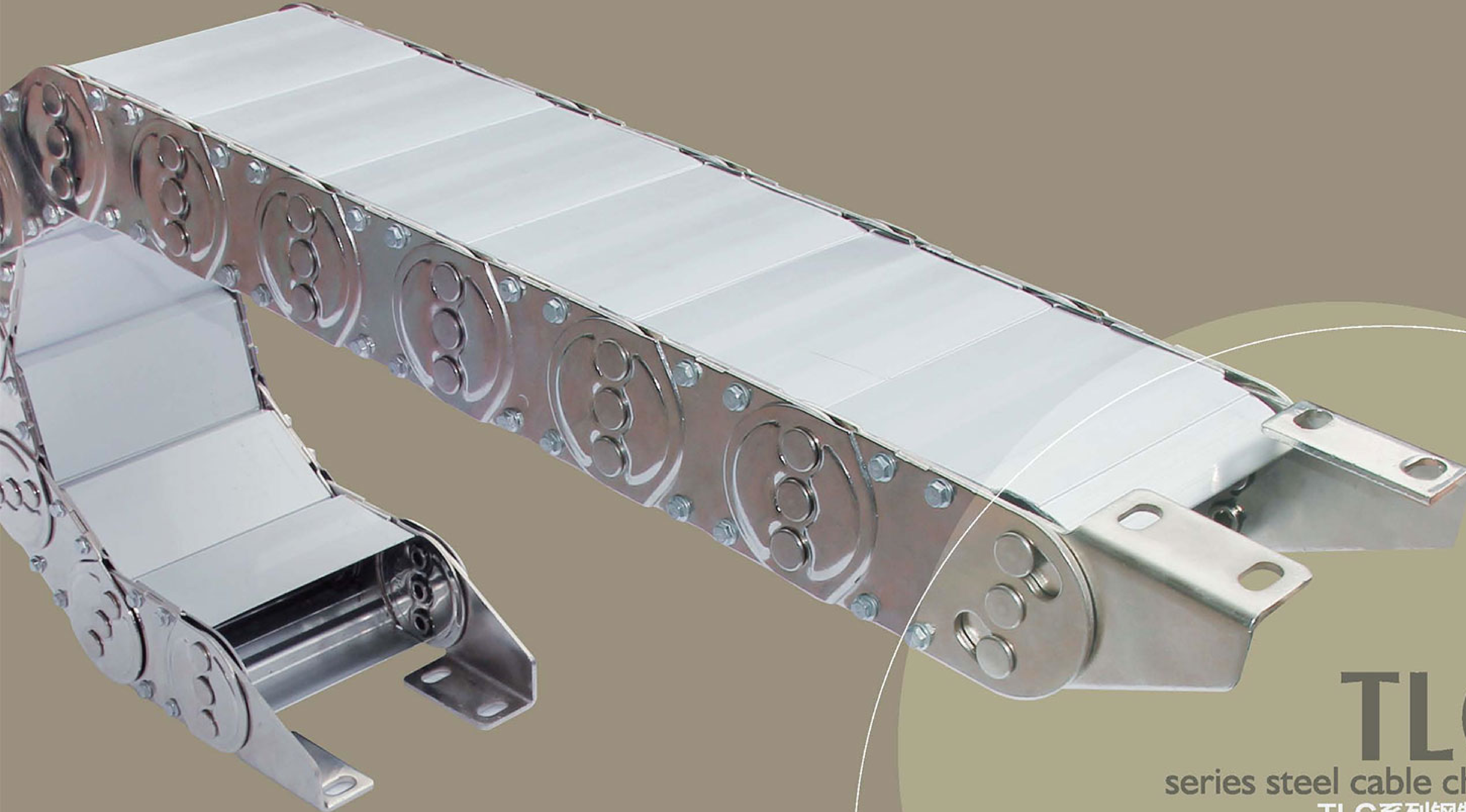
TL 拖链–元件
TL Cable Chain–Elements

1. III型支撑板—材质为挤拉铝合金
2. 隔条—材质为尼龙
3. 轴销—合金钢
4. I型/II型支撑板—材质为挤拉铝合金 I型为整体式 II型为上下分开式

1. III type support plate – material for extruded aluminum alloy
2. Spacing sticker material for nylon
3. Shaft pin – alloy steel
4. I/II type I type support plate – material is extruded aluminum alloy I type for the integral type II type for the upper and lower type

此元件均可以根据客户实际的要求进行订制
Element can be customized according to customer's actual requirements

Krius® 科瑞斯



TLG

series steel cable chains

TLG系列钢制拖链

TLG系列钢制拖链
TLG series steel cable chains

功能特点 Features & Benefits

TLG系列拖链是在TL系列拖链的基础上增加了拖链的承载能力及行程长度，可承载重量较大的电缆及油管，自由悬置的长度较大，更加适用于工作母机及移动机械等所有传动方式运行的机械运动中。
由于本产品外观精美，可在较大程度上增强机床设备的整体艺术效果，增强机床、机械设备等在国际市场的竞争力。

- TLG系列的盖板为全封闭型护板
- TLG 选用优质的铝合金型材，可以满足客户不同程度的需求，其支撑板的宽度可达到1200mm，即使在最高速度和行程速度下，也可以保证拖链的内部分隔无懈可击，并且保证电缆的最佳保护状态。
- TLG 带塑料隔条，可随意移动调节位置，进行多种分割，适用于电缆种类较多的场合；此款拖链的护板是新开发的“银星护板”，采用铝合金制造，其外形美观，稳定性极高，电缆保护更为坚固，在其任意部位均能打开拖链，此装置已经接受了15年以上的考验。

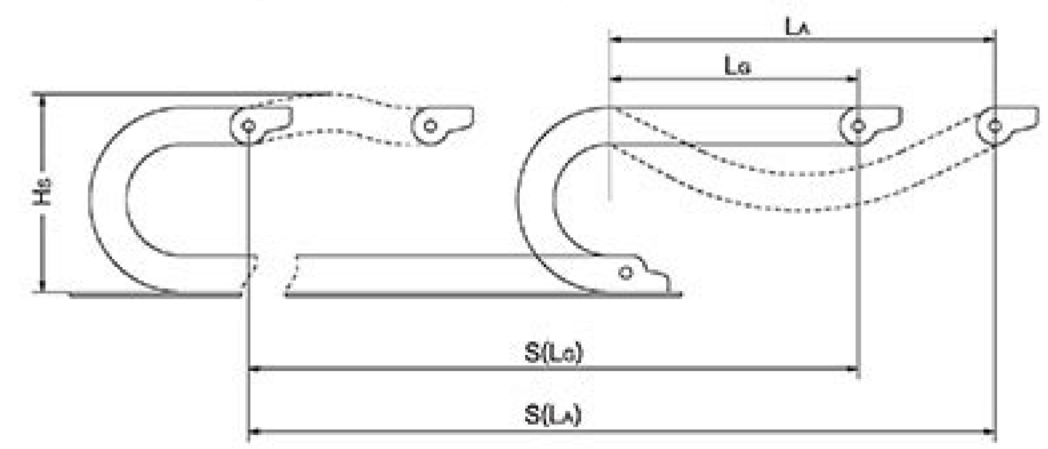
TLG series steel cable chain has strengthened the loading ability & stoke length on basis of TL series, it can load more heavy cable and hose, And it has longer unsupported length, so it can be more suitable for machine tool, moveable machinery and all dynamic mechanical movement. Due to the elegant appearance it can strengthen machine tool artistic effect in great degree and promote the product competitiveness In international market.

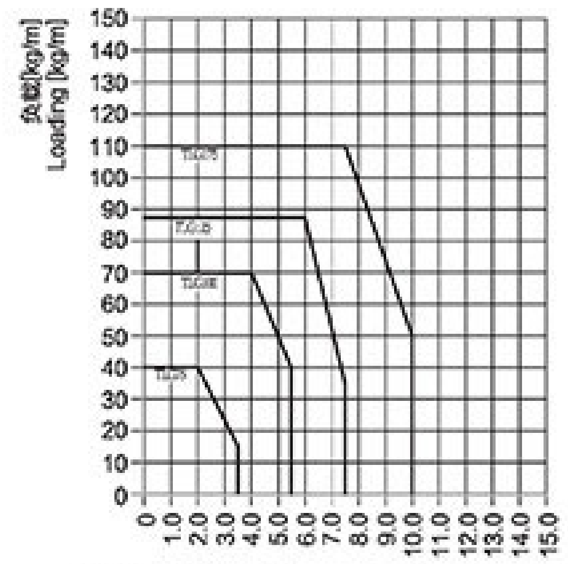
- Cross cover for TLG series is totally closed and protected structure
- TLG is made of first-class alloy aluminum profile which could meet customer's different requirement, the support distance can reach 1200mm,even in the highest speed and travel speed it could keep the separator work perfect and guarantee the cable wire protected well.
- TLG has plastic separator which can adjust location freely and acquired customized space. This mainly is for application when different and various kind of cables are used at the same time. The protection plate is new development called "sliver star protection plate" which is made of alloy aluminum, it has elegant appearance, high stability, more firm for cable protection, it can opened in any placement on itself for easy assemble and dismantle, this device has passed more than 15 years working environment test.

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

架空长度
Unsupported length

- L_G =直线架空长度
- L_A =安全塌腰架空长度
- L_G =Unsupported with straight upper run
- L_A =Unsupported with permitted sag

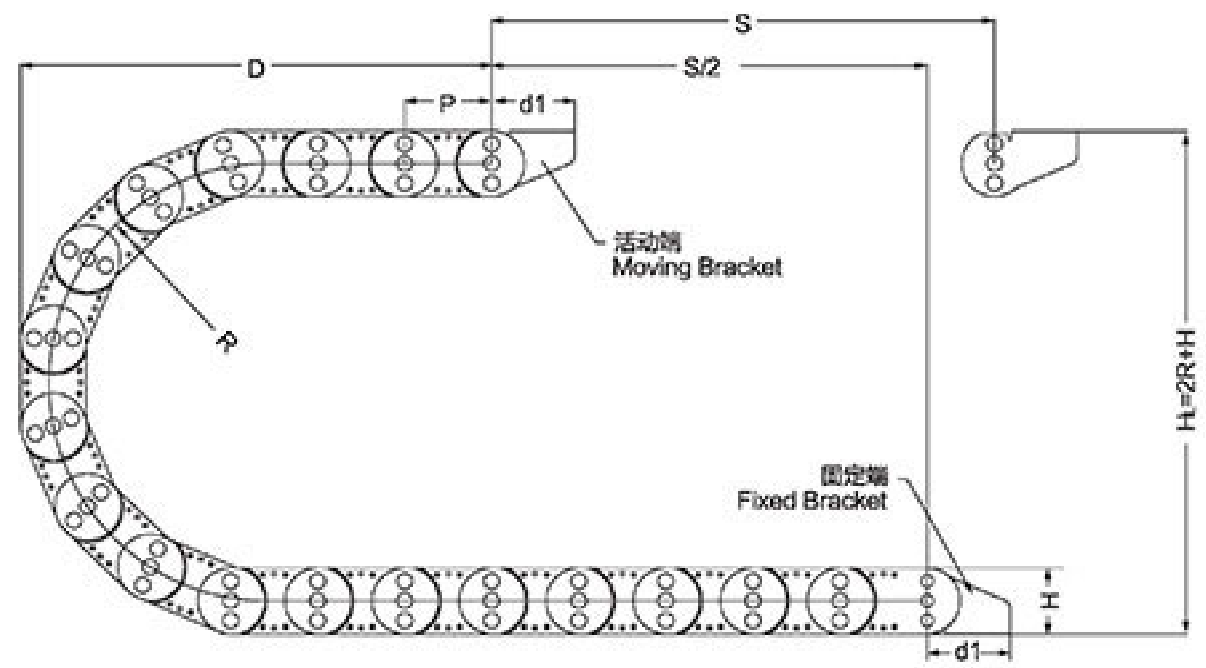




架空长度 LG/LA[m] Unsupported length L_G/L_A[m]

0 4.0 8.0 12.0 16.0 20.0 24.0 28.0

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
H_L =理论安装高度
H_S =实际安装高度
D =拖链退回极限位置时的最小距离
K =π · 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
H_L =Nominal clearance height
H_S =Required clearance height
D =Overlength energy chain radius in final position
K =π · R+2P
* You can find it from below chart for more details

支撑板形式 Support plate type

III型框架式
III framework

带隔条
With spacing sticker

不带隔条
Without spacing sticker

技术参数 Technical Parameters		
速度/加速度L_G	Speed/acceleration L_G	视情况而定 It depends on the situation
速度/加速度L_A	Speed/acceleration L_A	
滑行速度/加速度	Gliding speed/acceleration	

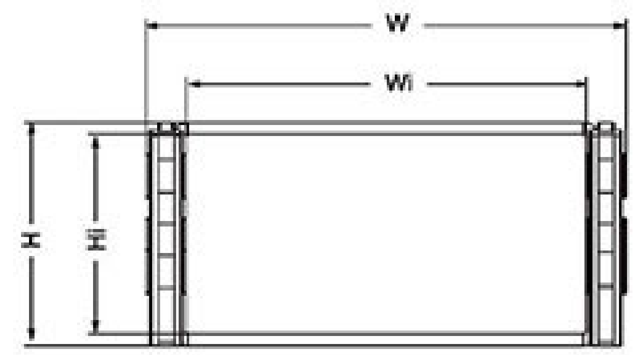
附表一（TLG系列拖链技术参数表）
Table 1（Technical parameter）

型号 Type	R	H_L	D	K	P	N	d1	支撑板形式 Support plate type
TLGB75	100 (3.94)	250 (9.84)	210 (8.27)	455 (18.31)	75 (2.95)	13 (0.51)	70 (2.76)	III
	150 (5.91)	350 (13.78)	310 (12.20)	620 (24.41)				
	200 (7.87)	450 (17.72)	410 (16.14)	780 (32.71)				
	250 (9.84)	550 (21.65)	510 (20.08)	935 (36.81)				
	300 (11.81)	650 (25.59)	610 (24.02)	1090 (42.91)				
TLGB100	150 (5.91)	375 (14.76)	310 (12.20)	670 (26.38)	100 (3.94)	10 (0.39)	95 (3.74)	III
	200 (7.87)	475 (18.70)	410 (16.14)	830 (32.68)				
	250 (9.84)	575 (22.64)	510 (20.08)	985 (38.78)				
	300 (11.81)	600 (26.57)	610 (24.02)	1140 (44.88)				
	400 (15.75)	875 (34.45)	810 (31.89)	1455 (57.28)				
TLGB125	200 (7.87)	500 (19.69)	410 (16.14)	880 (34.65)	125 (4.92)	8 (0.31)	155 (6.10)	III
	250 (9.84)	600 (23.62)	510 (20.08)	1035 (40.75)				
	300 (11.81)	700 (27.56)	610 (24.02)	1190 (46.85)				
	400 (15.75)	900 (35.43)	810 (31.89)	1505 (59.25)				
	500 (19.69)	1100 (43.31)	1010 (39.76)	1820 (71.65)				
TLGB175	250 (9.84)	644 (25.35)	510 (20.08)	1135 (44.69)	175 (6.89)	6 (0.24)	210 (8.27)	III
	300 (11.81)	744 (29.29)	610 (24.02)	1290 (50.79)				
	400 (15.75)	944 (37.17)	810 (31.89)	1605 (63.19)				
	500 (19.69)	1144 (45.04)	1010 (39.76)	1920 (75.59)				
	600 (23.62)	1344 (52.91)	1210 (47.64)	2235 (87.99)				

- 链板的高度，即支撑板的高度是由电缆最大直径决定的，机床最大限度运转时，若拖链宽度超过300mm，拖链的长度超过4m时，处于稳定原因考虑，应考虑选择加一型号的拖链。
- 弯曲半径要根据电缆的最大直径进行选择，并且应达到其直径的10倍，行程小的可选择较小的半径。

- Steel chain supporter inner height is decided by max diameter of cables. when the machine runs with max speed,and cable chain inner width need to be more than 300mm, the total length need to be more than 4m long, it is better to choose one larger size item for steel chain for better stability.
- Steel chain bending radius is according to max diameter of cable, normally 1o times of max diameter of cables, when the total stroke is shorter, you can choose a little smaller bending radius accordingly.

TLG 拖链-产品规格范围
TLG Cable Chain-Product specifications



产品代码结构
Part Number Structure

TLG75III*R*Wi*L*n

- 数量 (Quantity)
- 拖链长度 (Length of Cable chains)
- 内宽 (Inner Width)
- 弯曲半径 (Bending Radius)
- 支撑板类型 (Supporting board type)
- 型号 (Type)

订购示例-整条拖链 Order details-integrated chain

请注明拖链长度或者链节数　如：1米或12节

TLG75III*R200*200*1000*2
(2条长度1米的TLG75型钢制拖链，半径为200mm，内宽为200mm，选用III型支撑板)

Please mark the length or link number, such as 1 meter or 12 links

TLG75III*R200*200*1000*2
(2pcs TLG75 steel chain with L 1m ,bending radius 200, inner width 200mm with III supporter structure.)

附表二（TLG系列拖链规格表）
Table 2（TLG series steel drag chain specification）

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)	
TLG75	参照附表一 See Table 1	32 (1.26)	可订制 Customized	50 (1.97)	(Wi+19mm)	以实际称重为准 Please according to the actual weight	
TLG100		51 (2.01)		75 (2.95)	(Wi+26mm)		
TLG125		70 (2.76)		100 (3.94)	(Wi+34mm)		
TLG175		114 (4.49)		144 (5.67)	(Wi+38mm)		

TLG 拖链–拖链接头
TLG Cable Chain–Mounting Bracket

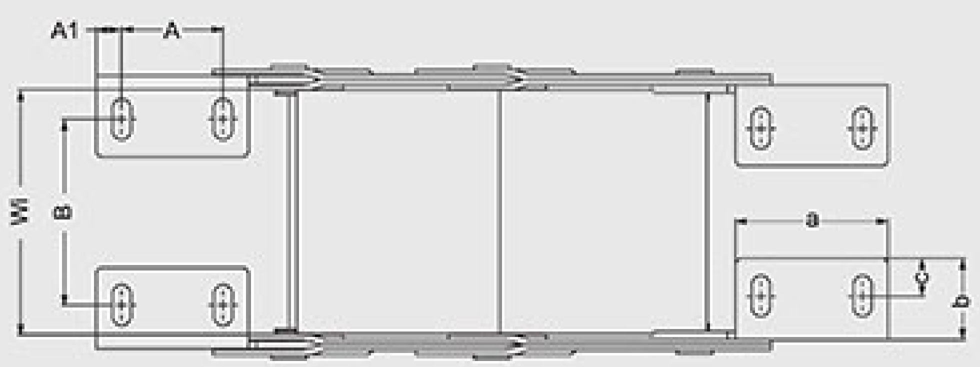
钢制接头，分体式 Steel Mounting Bracket, Splited structure

- 双侧独立式钢制接头
- 耐腐蚀＆耐摩擦
- 可实现内外连接

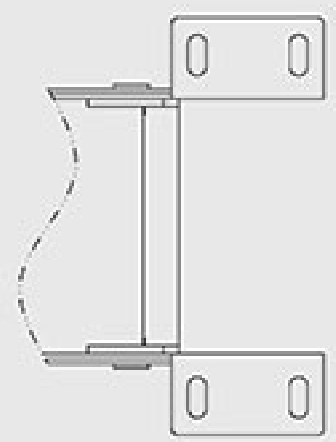
- Independent Steel mounting bracket on the two end
- Anti–corrosion, Rub–resistance
- Can realize the internal and external connections

接头安装方式 Installation methods

连接方式一
Connection way 1



连接方式二
Connection way 2



TLG75 / TLG100 / TLG125 / TLG175 接头示意图
TLG75 / TLG100 / TLG125 / TLG175 mounting bracket sketch

附表三（TLG系列拖链接头参数表）
Table 3（TLG series drag chain sub parameter table）

拖链型号 Type	孔尺寸 Hole Dimension	A尺寸 Dimension A	B尺寸 Dimension B	a尺寸 Dimension a	b尺寸 Dimension b	c尺寸 Dimension c
		mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
TLG75	Ø7*15	30 (1.18)	(Wi–30mm)	50 (1.97)	27 (1.06)	12 (0.47)
TLG100	Ø9*19	50 (1.97)	(Wi–44mm)	75 (2.95)	40 (1.57)	18 (0.71)
TLG125	Ø13*25	80 (3.15)	(Wi–60mm)	130 (5.12)	55 (2.17)	25 (0.98)
TLG175	Ø13*25	115 (4.53)	(Wi–66mm)	175 (6.89)	60 (2.36)	27 (1.06)

TLG 拖链–元件
TLG Cable Chain–Elements

1. III型支撑板—材质为挤拉铝合金
2. 隔条—材质为尼龙(可选)
3. 轴销—合金钢

1. III type support plate – material for extruded aluminum alloy
2. Spacing sticker material for nylon(Optional)
3. Shaft pin – alloy steel

此元件均可以根据客户实际的要求进行订制
Element can be customized according to customer's actual requirements