



钢制拖链系列

Steel Cable Chains Series

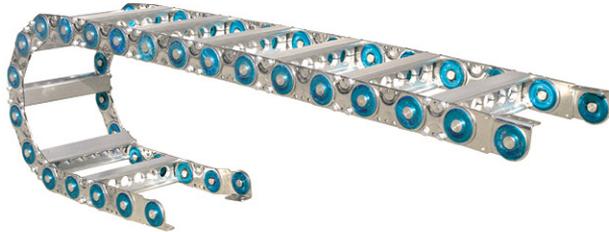
钢制拖链分TL型和TLG型，链板经镀铬处理，外形效果新颖，结构合理，灵巧强度高，钢性好不变形，安装方便，使用可靠，易拆装。主要用于重型、大型机械设备管线的保护。

Steel cable chains are divided into TL and TLG types. The chain plates are chrome plated, with a novel appearance, reasonable structure, high flexibility and strength, good rigidity without deformation, easy installation, reliable use, and easy disassembly. Mainly used for the protection of heavy and large mechanical equipment pipelines.



TLG型钢制拖链

TLG series steel cable drag chains



TLG型钢制拖链可承载数量多，重量大的电缆及油管，自由悬置（允许不用支承轮）长度大，支撑板可依顾客需要制作，适用于工作母机，移动机械等。其弯曲半径为75-600mm，链板高度为50-150mm，可任意选用。

TLG型钢制拖链其使用行程最大为32米。适用于所有传动方式。可随意加长和缩短。此外，可通过改变销轴获得改变弯曲半径。

拖链的支撑板宽度为50mm至600mm，孔与孔之间的间隔量为5mm。

链板的高度，也就是支撑板的高度，是由电缆最大直径决定的，机床最大限度运转时，如拖链的宽度超过300mm，拖链的长度超过4m时出于稳定性原因，应考虑选择加大一号规格的拖链。

弯曲半径要根据电缆的最大直径选择并应达到电缆直径的10倍。弯曲半径可根据所给表格选择50-600mm，行程小的可相应选择较小的半径。

拖链的长= 1/2行程+4个弯曲半径，这只适用于当固定连接是在行程的中点时。

拖链的固定可根据机床的位置情况选择。固定角钢可放在外周或内周在拖链内或外部，一般情况联结部分在拖链内，而向外周。

The TLG drag chains are suitable for installing a large quantity and heavy duty of cables and oil pipes which allow suspending installation (supporting is not allowed) and is lengthy. The supporting plate can be made according to the user's requirements. It is suitable for machine tools and moving machines. Their bent radius ranges from 50-600mm and the chain's height is from 35 to 150mm. Users can make a free selection of them.

The TLG type drag chains has a max. travel range of 32 meters and are suitable for all kinds of transmissions. It can freely be made longer or shorter. In addition, the bend radius can be changed by changing the pinshaft.

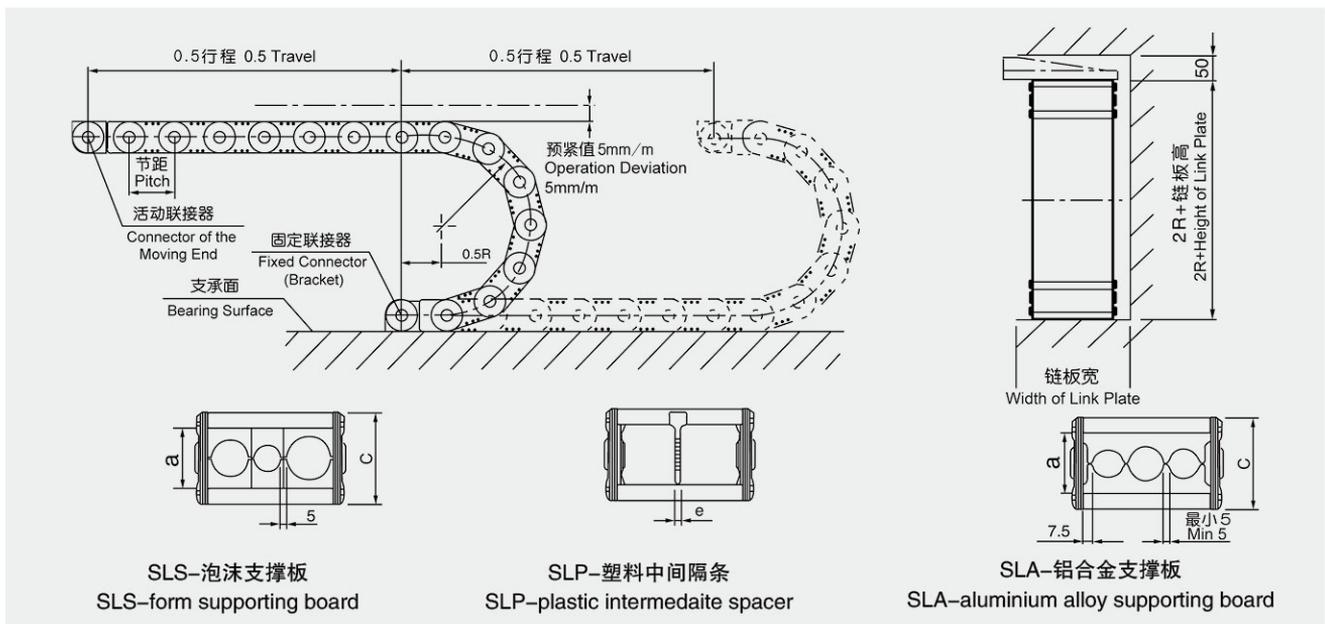
The width of the supporting board is from 150mm to 600mm. The distance between the holes is 5mm.

The height of the supporting board depends on the max. outside diameter of the cables. When the machine tool is working in the highest speed and if the max. width of the drag chain is longer than 300mm with the chain's length longer than 4m, one size larger than normal should be selected just out of considration of safety.

The bend radius should be selected according to the max. diameter of a cable and should be 10 times of the diameter of the cable used. The bend radius can be selected as 50-600mm according to the given table. Small radius should be selected for those ones with small travel range.

Drag chain length= 1/2 travel range + 4 bend radius, this is only used for the fixed connection which is located at the middle point of the travel range.

The fixation of the drag chains can be done according to the location of the machine tools. The angle steel can be put in the outer or the inner, in other words, in the inner side of the chains or in the oute side. In common cases, it is in the inner side of the chains and face towards outside.

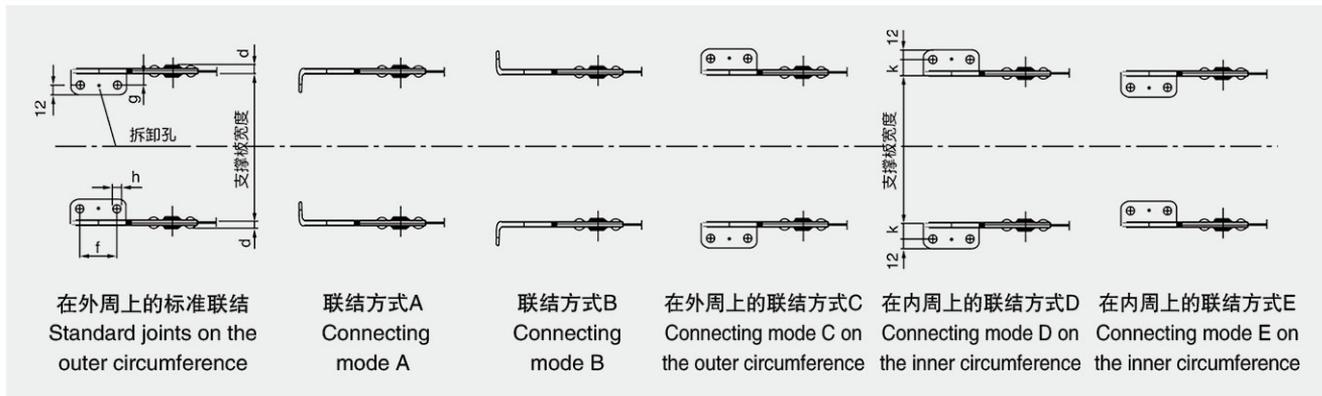


TLG型钢制拖链

TLG series steel cable drag chains

TLG型钢制拖链主要参数及支撑尺寸 / Main parameters & dimensions for TLG type steel drag chains

型号 Type	弯曲半径R Bending radius (mm)	节距 Pitch	a	c	d	e	f	g	h	k	允许不用支承轮时 When non-support wheel is allowed		重量 weight (100mm)
											长度(m) Length	负载 (Kg/m)	
TLG20	75.100.150.200.250.300	75	31	50	8	4	30	7.5	9	15	3/2/2	20/30/30	4.90/4.80/5.50
TLG30	150.200.250.300.400	100	49	75	13	4	50	10	11	21	4/3/3	25/40/40	9.10/9.10/10.00
TLG40	200.250.300.400.500	125	68	100	16	4	70	7.5	13	28	6/4/4	30/50/50	18.10/18.10/19.30
TLG50	250.300.400.500.600	175	118	150	14	8	115	26	13	32	10/8	10/30	25.00



订货举例：行程11.2m，弯曲半径300mm，3电缆直径48，3电缆直径28，2软管直径36

Specifications for ordering: Travel 11.2m, Bending radius 300mm, 3 Cable diameter 48, 3 Cable diameter 28, 2 Hoses diameter 36

TLG50 / 300 × 350 – 6875 / D / E “S”

型号 Type	半径 Radius	支撑板宽度 Width of support board	长度 Length	固定方式 Mode of fixing	安装形式 Mode of installation
------------	--------------	---------------------------------	--------------	------------------------	------------------------------

TLG型的多种不同支撑板 / TLG type supporting boards in various specifications

TLG铝合金型拖链与一般的拖链不同，它可通过固定的铝型材满足不同要求的需要，支撑板宽或达1200mm，在最高速度和行程速度下，拖链的内部分隔无懈可击，并保证使电缆达到最佳保护。

我们每二节链板提供一条支撑板。如每一节均需支撑板，请在订货时，订10A / 20A / 30A / 40A / 50A，而不是10B / 20B / 30B / 40B / 50B。即 TLG20A / 200 × 2100 / 200 “h” 或 TLG20B / 200 × 2100 / 200 “h”。

银星(silber Star)铝合金护板的拖链，订货型号为325 / 525 / 625。进一步的了解请参见下图“银星护板”。即 TLG325 / 200 × 2100 / 200 “h”。

The TLG type aluminium alloy drag chains are different from the ordinary ones. They can be made by using fixed aluminium shape materials to meet the needs of the users. The width of the supporting board can be 1200mm. When operating under high operating speed and high travel speed, the drag chains can be separated from one another so as to ensure the cables being protected in a very safe conditions.

One supporting board is provided for every two chain joints. If one supporting board is needed for each chain joint, please give a clear indication of the model no.10A/20A/30A/40A/50A rather than 10B/20B/30B/40B/50B. TLG20B/200X2100/200 “h” or TLG221/200X2100/200 “h”.

The order number for “Silver Star” type drag chains with aluminium alloy guard is 325/525/625. For further information, please see “Silver Star type Guards” below for details. TLG325/200X2100/200 “h”.

国际销售部 (International Sales Department):

电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 Http://www.kwld.com E-mail: info@kwld.com



TLG型钢制拖链

TLG series steel cable drag chains

TLG铝合金型是解决较大钢链的唯一的解决办法。支撑板可根据使用者的要求生产。牢固的结构，使支撑板宽度可达到1200mm。

TLG型带塑料隔条，可随意移动调节位置，进行多种分隔，见下图。

如果电缆规格多，可选用此经济的装置。

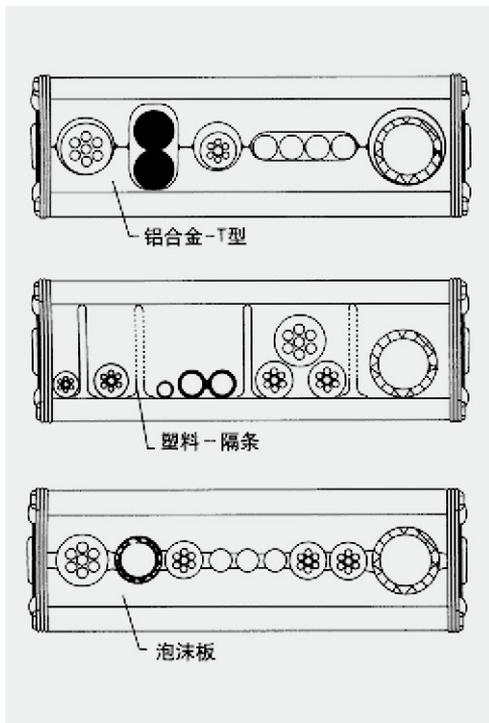
TLG泡沫支撑板具有很多优点，使电缆得到最好的保护，以及适合于高速行程的情况下。许多著名的汽车生产厂家多年来均选用此装置，所有电缆均被分布在中心位置的纤维内。

TLG aluminium alloy type is the only solution to the larger size chains. The supporting boards can be made according to the requirements of the users. Thanks to the strong construction, the width of the supporting board can be 1200mm.

TLG plastic spacing straps can moved and adjusted in position freely. See figure for details.

If cables in many different specifications, you may select this economic device.

TLG foam supporting board has many advantages such as cables be protected in a most appropriate way and suitable for the condition of high travel speed. Many famous car makers have chosen this type of device. All cables are distributed in the center position of the fibres.



TLG型的护板采用铝合金全封闭型——“银星护板”

型号TLG的拖链是新开发的“银星护板”，采用铝合金制造，供用户选用。订货号为TLG10、TLG20、TLG30、TLG40、TLG50。

TLG型带不锈钢带的钢链

外部和内部可安装弹性钢带，以保护电缆和更好地保持内部的清洁，安全可靠。

TLG type aluminium alloy protecting board is of completely enclosed type

TLG type drag chains are newly developed “Sliver Star Protecting Board”, which are made by using aluminium alloy. Various types of it are available for selection. The order number are TLG10, TLG20, TLG30, TLG40, TLG50.

TLG type steel chains with stainless steel straps

Plastic steel straps can be installed internally or externally with the aim to protect the cables and keep clean inside. It is very safe and reliable.



银星护板的特点 / Features of the Sliver Star Supporting Board

外形美观。

护板结构装置已经接受了15年以上的考验。

极稳定，坚固的电缆保护，可达1000mm宽。

在任意一个部位都能打开拖链。

根据用户需要可随时加装“银星护板”。

It has nice-looking appearance.

The shield structure device has passed more than 15 years experience successfully.

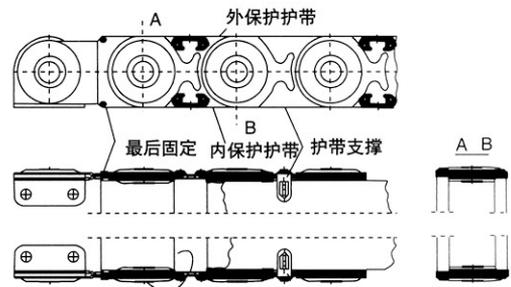
It is very stable and a solid protection for cables. The width can be 1000mm.

The drag chains can be opened at any positions.

The “Sliver Star Protecting Board” can be installed according to the user’s request.

订货举例：TLG30 / 200×200 / 2100 “h” 带不锈钢护带或银星护板TLG30 / 200×200 / 2100 “h” 带不锈钢护带或银星护板

Specifications for ordering: TLG30 / 200×200 / 2100 “h” Stainless steel straps or TLG30 / 200×200 / 2100 “h” Stainless steel straps.

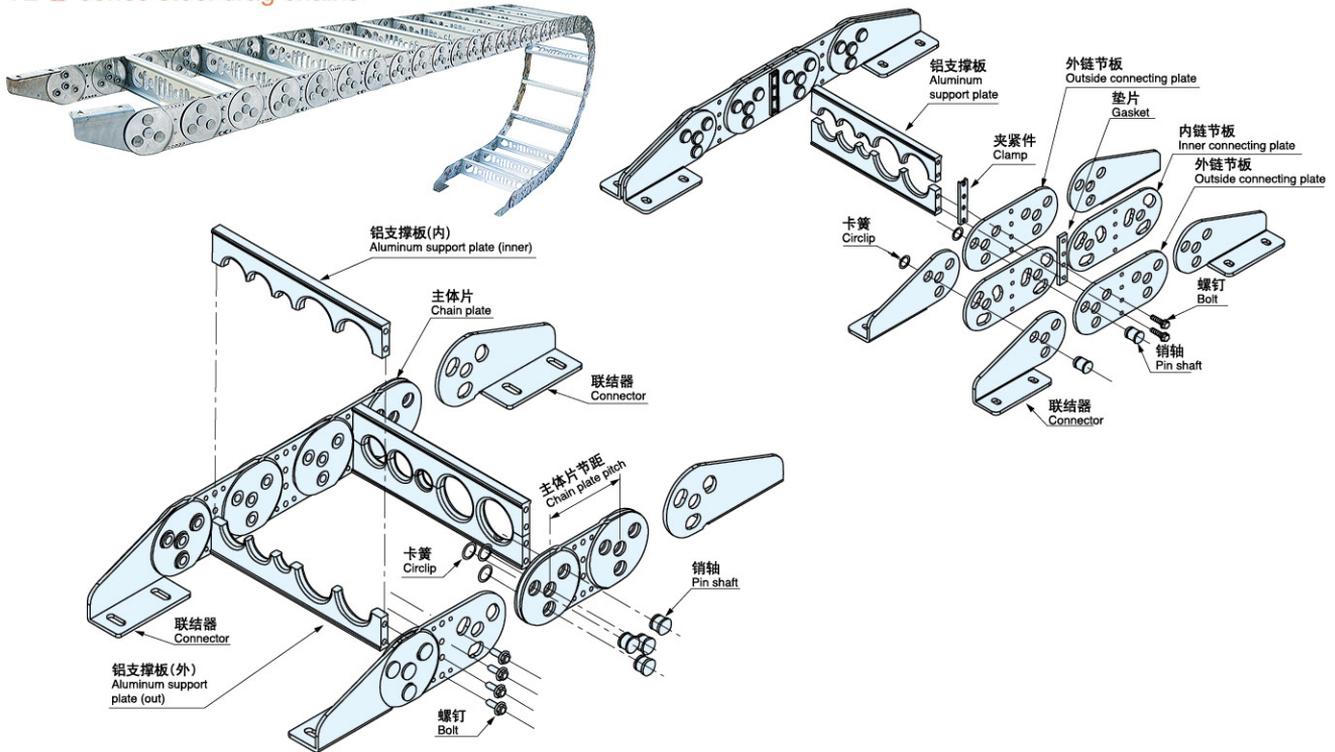


TL 型钢制拖链

TL series steel cable drag chains

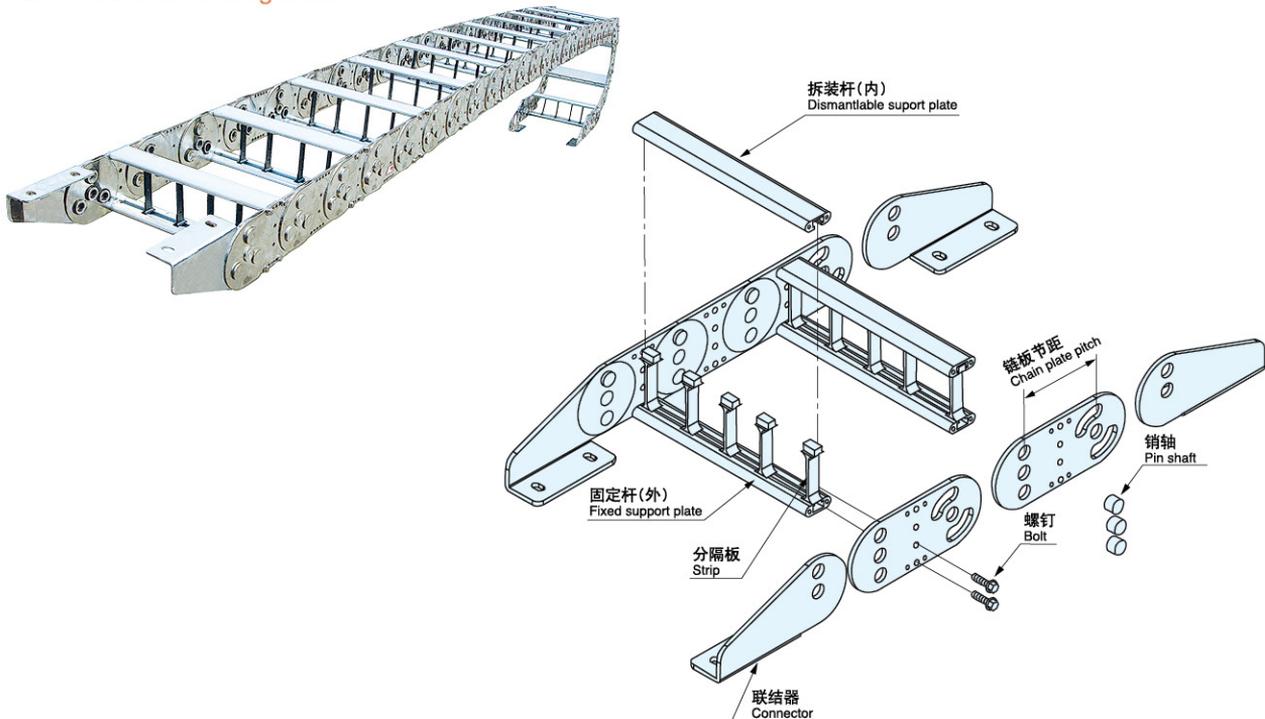
TL II 型钢制拖链系列

TL II series steel drag chains



TL III 型钢铝拖链

TL III series steel drag chains



国际销售部 (International Sales Department):

电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 [Http://www.kwld.com](http://www.kwld.com) E-mail: info@kwld.com



TL型钢制拖链

TL series steel cable drag chains

TL型钢制拖链 / TL series steel cable drag chains

TL系列拖链的主体是由链板（优质钢板镀铬）支撑板（挤压铝合金）轴销（合金钢）等部件组成，使电缆或橡胶管与拖链之间不产生相对运动，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，钢性好不变形，安装方便，使用可靠，易拆装，尤其是本产品采用了高强度耐磨材料，合金钢为轴销，提高了产品的耐磨强度，弯曲更灵活，阻力更小，降低了噪音，从而可保证长时间使用不变形，不下垂。

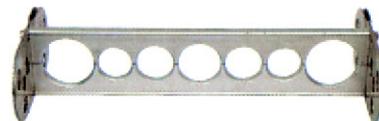
由于本产品外观精美，可在较大程度上增强机床设备的整体艺术美观效果，增强我国机床、机械设备在国际市场的竞争能力。

1. 拖链可适应最大移动速度40米/分。
2. 拖链在最大移动速度时，噪声声压级不大于68分贝。
3. 拖链安全使用寿命不小于100万次(往复)。

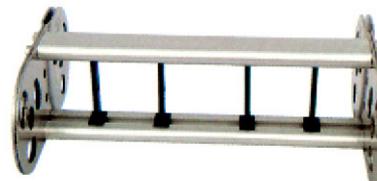
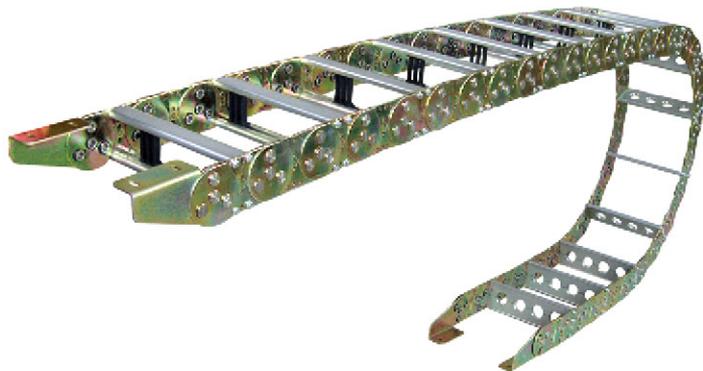
TL series drag chains are mainly consisting of chain plate (top quality stainless steel with chromium plated), supporting board (extruded aluminium alloy) and pinshaft (alloy), etc. There is no relative motions between the cables/rubber hoses and the drag chains, giving no deforming or twists. The chromium plated chain board has very nice-looking appearance and has very rational construction and flexible and high strength. It is reliable and easy to operate, install, dismantal or assemble. It is worthwhile mentioning that the anti-wearing performance has been improved greatly due to wear resistant material and alloy pinshaft are used. The product is flexible to bending and has low resistance, giving low noises. It can be used for a very long period of time without any deformation or hanging down.

The product is nice-looking, which makes the machine tool unit nicer looking as a whole and makes the machine tools and machineries more competitive in the international market.

1. The drag chain can adapt to max. moving speed of 40m/min.
2. When at the max moving speed, the sound pressure of noise shall not be greater than 68 db.
3. The service life of the drag chain shall not be less than 1 million times (reciprocating).



支撑板I型整体式、II型上下分开式
Supporting board I integral type, II separate type



支撑板III型框架式
Supporting board III, Frame type

TL型钢制拖链

TL series steel cable drag chains

TL型拖链主要参数 / Main parameters of TL type drag chain

参项Reference	型号type	TL30	TL45	TL65	TL80	TL95	TL115	TL125	TL155	TL180	TL225	TL250
节距Pitch	t	30	45	65	80	95	115	125	155	180	225	250
弯曲半径 Bending radius	R	40	50.75. 90.114. 145	75.90. 115.125. 145.185	100.115. 125.145. 185.200. 250.300	115.145. 200.250. 300	145.200. 225.250. 300.350	200.250. 300.350. 470.500. 575.700. 750	200.250. 300.350. 450.500. 600	250.300. 350.450. 490.600. 650	400.450. 600.750. 800.850. 1000	400.450. 500.600. 750.800. 1000
拖链最小宽度 Minimum width of drag chain	Bmin	40	50	60	80	100	120	110	120	120	160	190
拖链高度 Height of drag chain	H	25	32	44	56	70	86	100	120	144	200	220
拖链长度 Length of drag chain	L	由用户按需要自定 By user										
支撑板最大孔径 Max. hole diameter of support plate	D1	-	-	30	35	48	63	68	97	110	146	166
允许不用支撑轮长度 Non-support range		3	4	5	8	9	10	10	10	10	12	14

- 拖链按照意大利技术生产。
- 当需要非标准的弯曲半径或结构与标准有异的拖链时，可与本公司另行协议制造。
- 当拖链超过允许的最大宽度Bmax时，可采用由三条链带平行组成的复合拖链来完成，见下面图示。

- Drag chains are produced by using italian technology.
- When non-standard bend radius or non-standard drag chains are required, we can make them according to the user's requirements.
- When the max. width Bmax is exceeded, compound type drag chains that consist of 3 chain crawlers can be used. See figure below.

拖链的选用 / Selecting of Drag Chains

1. 支撑板内腔孔径 $D1=d+\approx 0.1d$ (取整数)。其中 d =电线、电缆、液、气软管的外径。

2. 根据支撑板内腔最大孔径 $Dmax$ 来确定链板高度 hg 和拖链型号 $TLXX$ 。

3. 根据拖链功能要求来确定支撑板型式的拖链的弯曲半径。

(1)当拖链需承载较大管、缆负荷时，应选用高强度支撑板 I 型 (整块式)。

(2)当管缆的管接头尺寸大于支撑板内腔孔径或须经常拆装、维修等时，可选用支撑板 II 型。属分开式类型支撑板。

(3)安装管缆的规格品种较多时，可选用支撑板 III 型 (框架式)。

4. 根据安装管缆的数量来决定支撑板宽度 $B1$ ，从而可得拖链宽度 B 。

5. 拖链使用场合或受环境影响时，需要采用钢带防护支撑板时，请与本公司另行提出。

1. The hole diameter of the inner cavity of supporting board $D1 = d + \approx 0.1d$ (take round number). Where, d =outside diameter of cables, wires, liquid/gas hoses.

2. The height of the supporting board and the model number $TLXX$ of drag chains depends on the max. hole diameter of the inner cavity of the supporting.

3. The bend radius depends on the functions of the drag chains.

(1). When there is a large load from larger calibre or cables on the drag chains, high strength model I supporting board (integral) should be used.

(2). When the size of the connectors are greater than that of the hole diamete of the inner cavity of supporting board of frequent assembly or dismantal operations are required, type III supporting board (frame type) can be used.

4. The width of supporting board $B1$ can be decided accroding to the quantity of the cables installed so that the width of the drag chain B can be arrived.

5. When limited by locations or environment and if bracing board with steel straps are needed, please contact our company for solutions.

国际销售部 (International Sales Department):

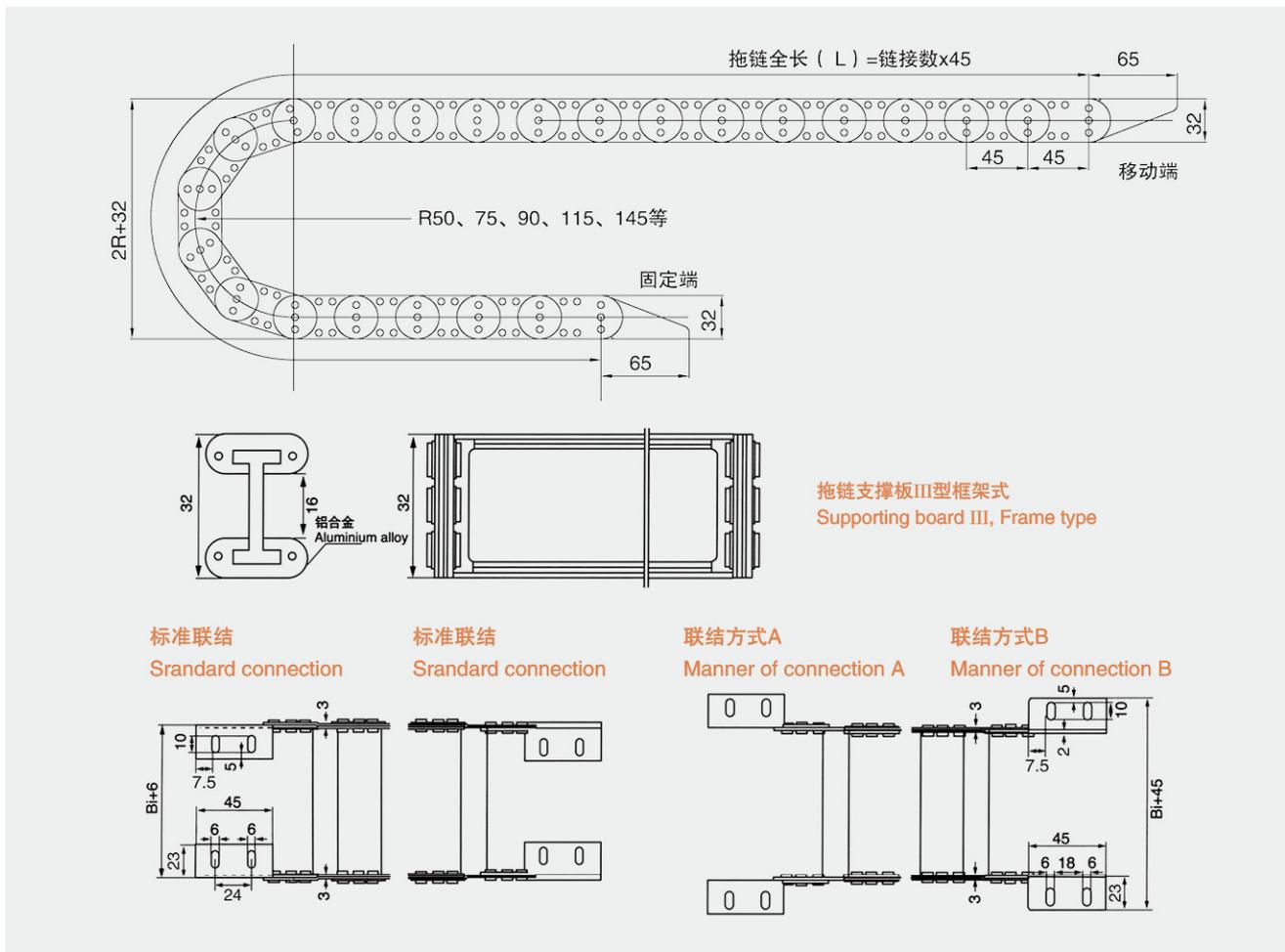
电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 Http://www.kwld.com E-mail: info@kwld.com



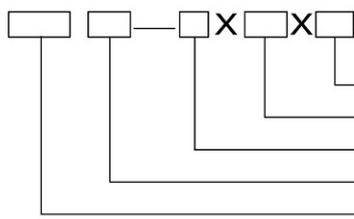
TL型钢制拖链

TL series steel cable drag chains

TL45型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL45



标记意义 / Legends



L=length of drag chains
Bi=width of supporting board of drag chain
Bending radius
Supporting Board Type III
Model No.

订货举例 / Example for an order

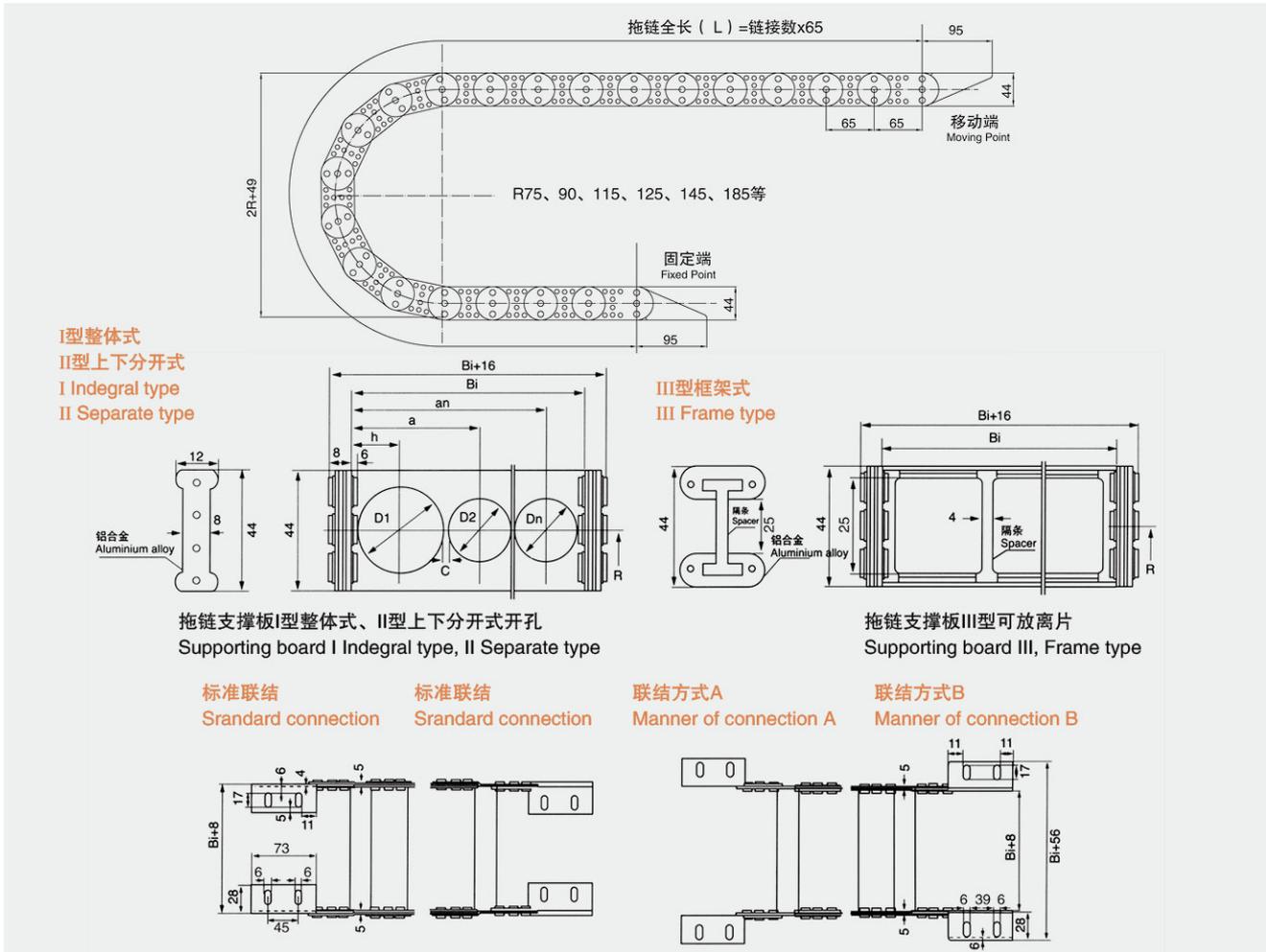
拖链型号TL45, 支撑板III型, 弯曲半径R=90, 拖链长度L=5500
拖链 TL45 III- 90 × 5500
III型-上下是铝板内有隔离片(根据用户要求放隔条)

Drag chain model number TL45, supporting board III type, bend radius R=90, length L=5500
Drag chain TL45 III - 90 × 5500
III-type the upper one and the lower one are made of aluminium with spacer inside

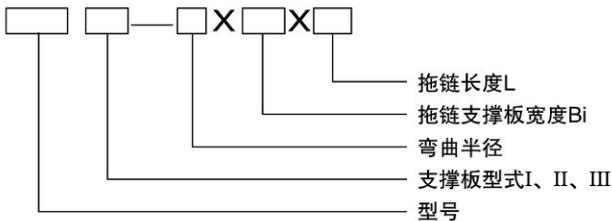
TL型钢制拖链

TL series steel cable drag chains

TL65型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL65



标记意义 / Legends



L=length of drag chains
Bi=width of supporting board of drag chain
Bending radius
Supporting Board Type I、II、III
Model No.

订货举例 / Example for an order

拖链型号TL65, 支撑板III型, 弯曲半径R=115, 支撑板宽度Bi=200, 拖链长度L=6500
拖链 TL65 III - 115 × 200 × 6500
I型-支撑板整体型(根据用户要求开孔)
II型-支撑板上下分开型(根据用户要求开孔)
III型-上下是铝板内有隔离片(根据用户要求放隔条)

Drag chain model number TL65, supporting board III type, bend radius R=115, supporting board width Bi=200 length L=6500
Drag chain TL65 III - 115 × 200 × 6500
I-type integral type of support board
II-type separate type of support board
III-type the upper one and the lower one are made of aluminium with spacer inside

国际销售部 (International Sales Department):

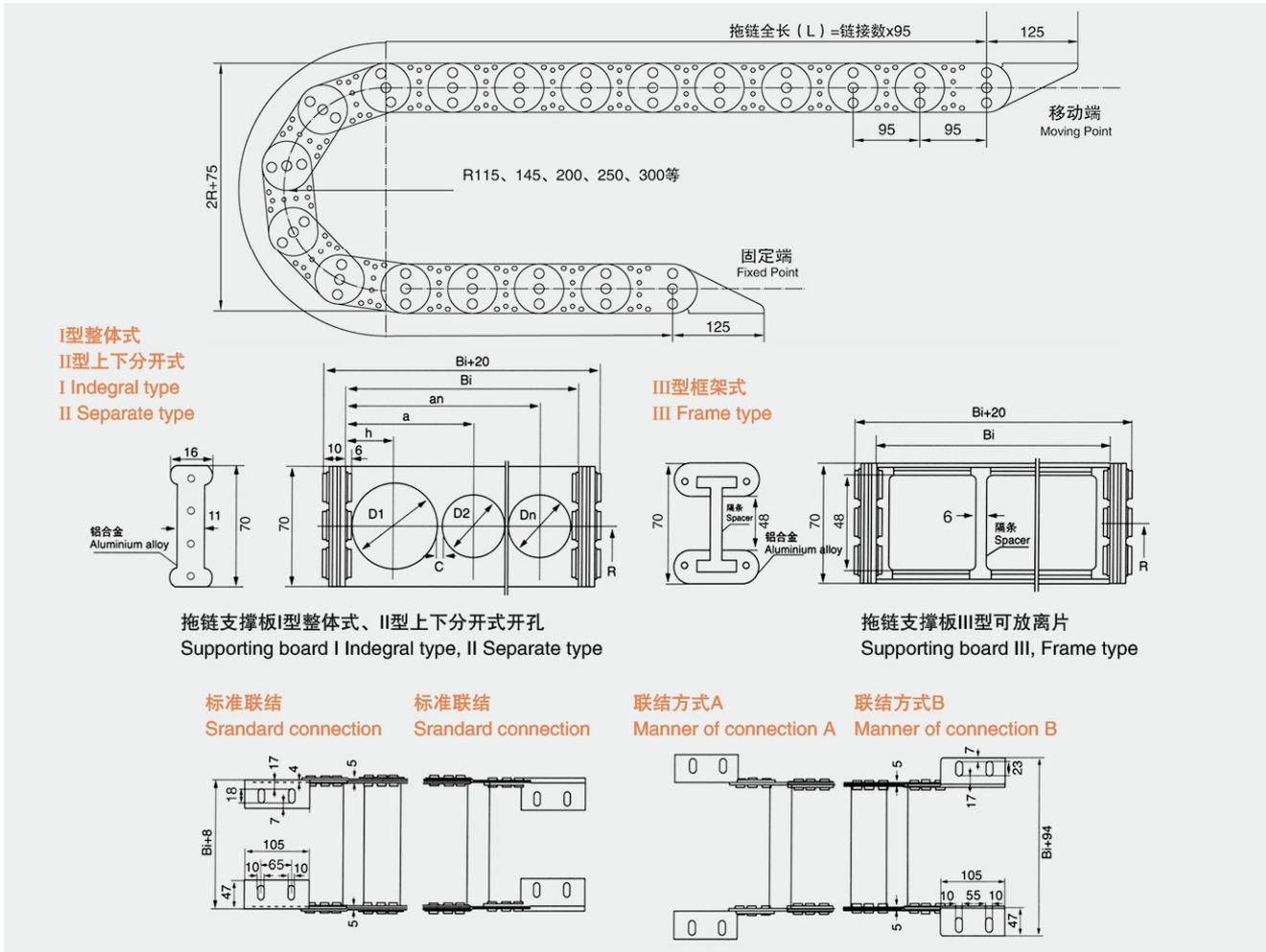
电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 Http://www.kwld.com E-mail: info@kwld.com



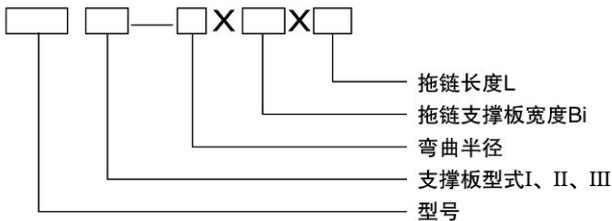
TL型钢制拖链

TL series steel cable drag chains

TL95型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL95



标记意义 / Legends



L =length of drag chains
 Bi =width of supporting board of drag chain
 Bending radius
 Supporting Board Type I, II, III
 Model No.

订货举例 / Example for an order

拖链型号 TL95, 支撑板 III 型, 弯曲半径 $R=250$, 支撑板宽度 $Bi=300$, 拖链长度 $L=7500$
 拖链 TL95 III - $250 \times 300 \times 7500$
 I 型 - 支撑板整体型 (根据用户要求开孔)
 II 型 - 支撑板上下分开型 (根据用户要求开孔)
 III 型 - 上下是铝板内有隔离片 (根据用户要求放隔条)

Drag chain model number TL95, supporting board III type, bend radius $R=250$, supporting board width $Bi=300$ length $L=7500$
 Drag chain TL95 III - $250 \times 300 \times 7500$
 I-type integral type of support board
 II-type separate type of support board
 III-type the upper one and the lower one are made of aluminium with spacer inside

国际销售部 (International Sales Department):

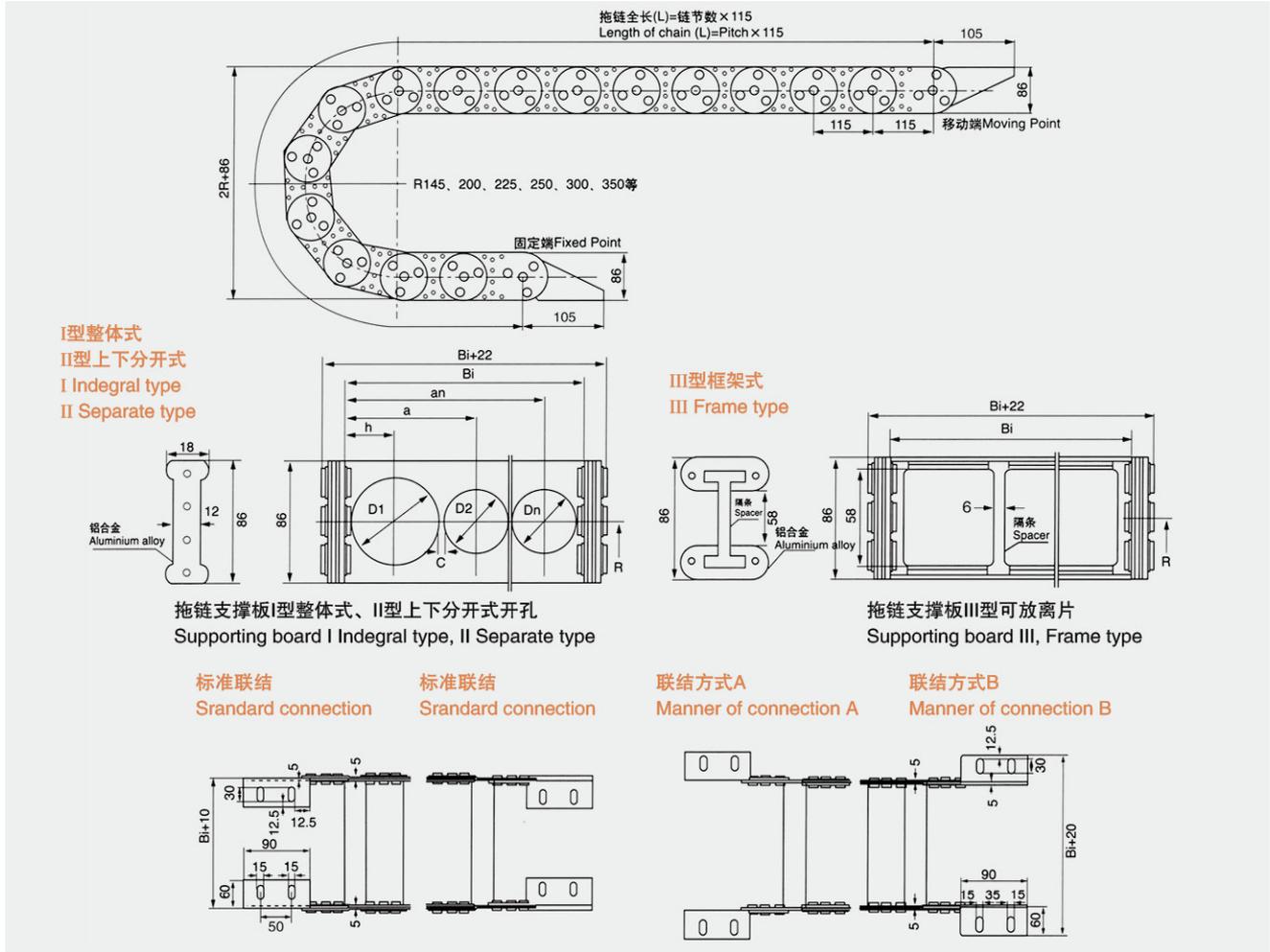
电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 Http://www.kwld.com E-mail: info@kwld.com



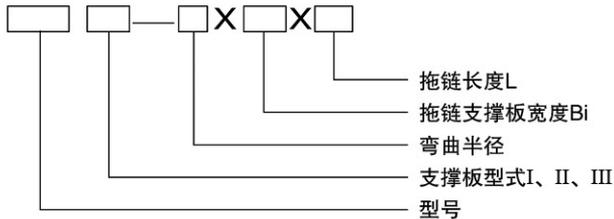
TL型钢制拖链

TL series steel cable drag chains

TL115型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL115



标记意义 / Legends



L=length of drag chains
Bi=width of supporting board of drag chain
Bending radius
Supporting Board Type I、II、III
Model No.

订货举例 / Example for an order

拖链型号TL115, 支撑板III型, 弯曲半径R=250, 支撑板宽度Bi=300, 拖链长度L=7500

拖链 TL115 III - 250 × 300 × 7500

I型-支撑板整体型(根据用户要求开孔)

II型-支撑板上下分开型(根据用户要求开孔)

III型-上下是铝板内有隔离片(根据用户要求放隔条)

Drag chain model number TL115, supporting board III type, bend radius R=250, supporting board width Bi=300 length L=7500

Drag chain TL115 III - 250 × 300 × 7500

I-type integral type of support board

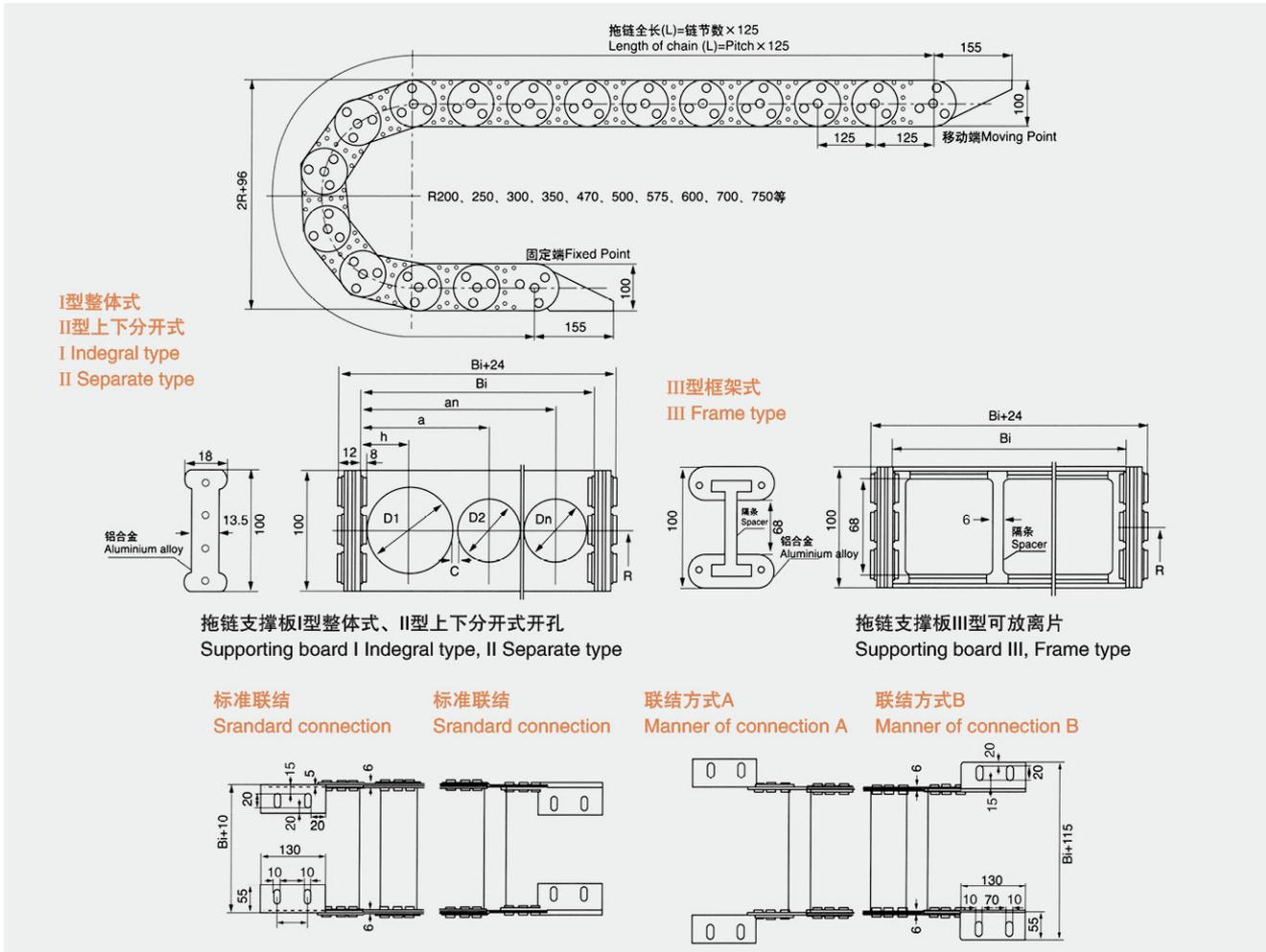
II-type separate type of support board

III-type the upper one and the lower one are made of aluminium with spacer inside

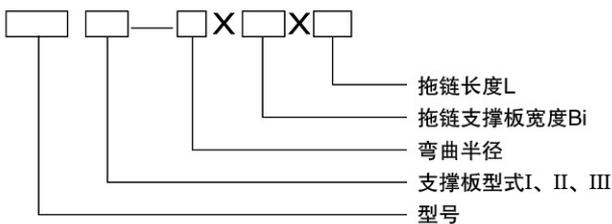
TL型钢制拖链

TL series steel cable drag chains

TL125型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL125



标记意义 / Legends



L=length of drag chains
Bi=width of supporting board of drag chain
Bending radius
Supporting Board Type I, II, III
Model No.

订货举例 / Example for an order

拖链型号TL125, 支撑板III型, 弯曲半径R=250, 支撑板宽度Bi=300, 拖链长度L=7800

拖链 TL125 III - 250 × 300 × 7800

I型-支撑板整体型(根据用户要求开孔)

II型-支撑板上下分开型(根据用户要求开孔)

III型-上下是铝板内有隔离片(根据用户要求放隔条)

Drag chain model number TL125, supporting board III type, bend radius R=250, supporting board width Bi=300 length L=7800

Drag chain TL125 III - 250 × 300 × 7800

I-type integral type of support board

II-type separate type of support board

III-type the upper one and the lower one are made of aluminium with spacer inside

国际销售部 (International Sales Department):

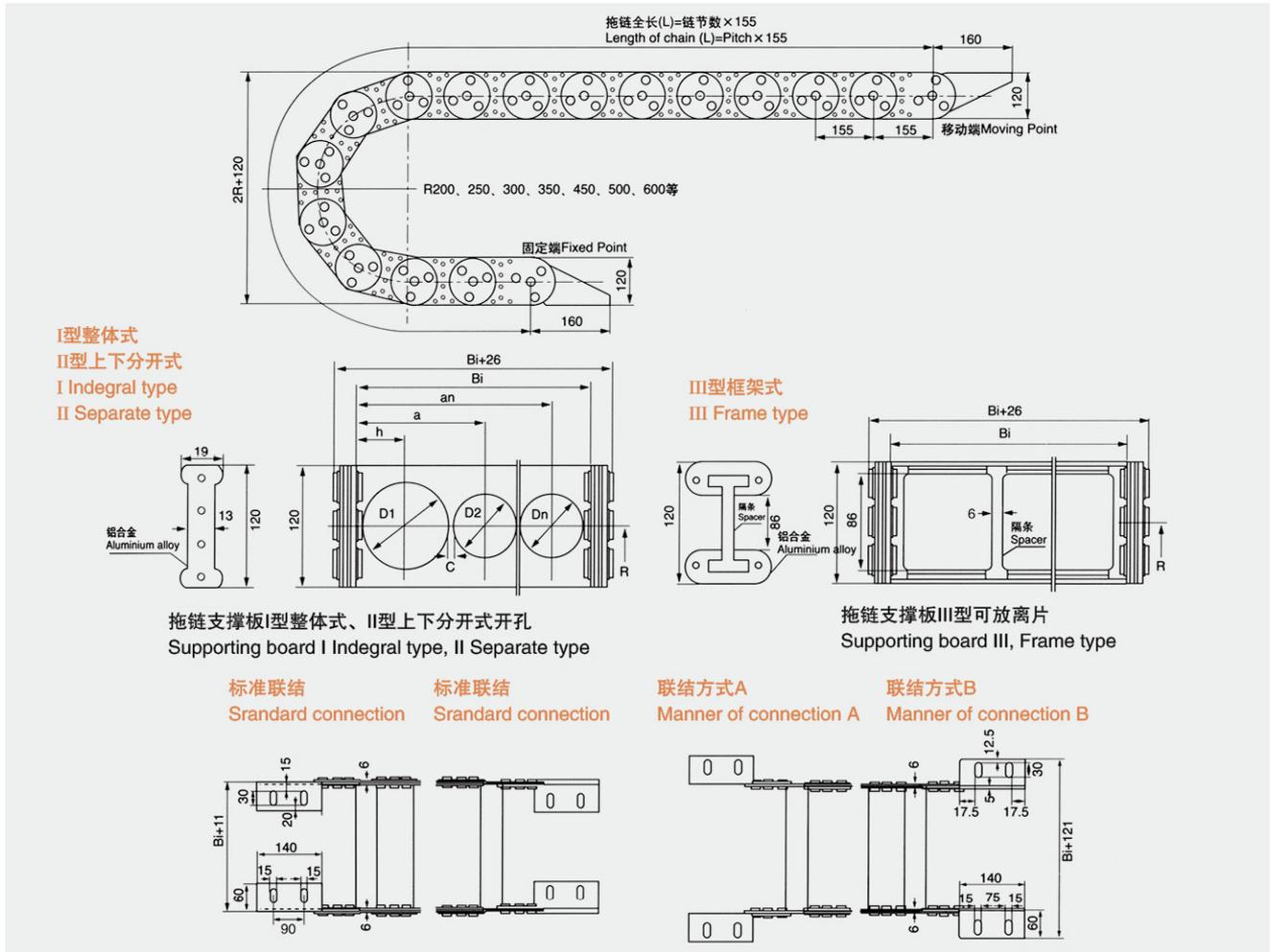
电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 Http://www.kwld.com E-mail: info@kwld.com



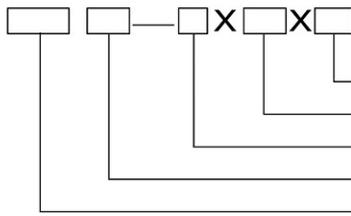
TL型钢制拖链

TL series steel cable drag chains

TL155型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL155



标记意义 / Legends



拖链长度L
拖链支撑板宽度Bi
弯曲半径
支撑板型式I、II、III
型号

L=length of drag chains
Bi=width of supporting board of drag chain
Bending radius
Supporting Board Type I、II、III
Model No.

订货举例 / Example for an order

拖链型号TL155, 支撑板III型, 弯曲半径R=250, 支撑板宽度Bi=300, 拖链长度L=8800

拖链 TL155 III - 250 × 300 × 8800

I型-支撑板整体型(根据用户要求开孔)

II型-支撑板上下分开型(根据用户要求开孔)

III型-上下是铝板内有隔离片(根据用户要求放隔条)

Drag chain model number TL155, supporting board III type, bend radius R=250, supporting board width Bi=300 length L=8800

Drag chain TL155 III - 250 × 300 × 8800

I-type integral type of support board

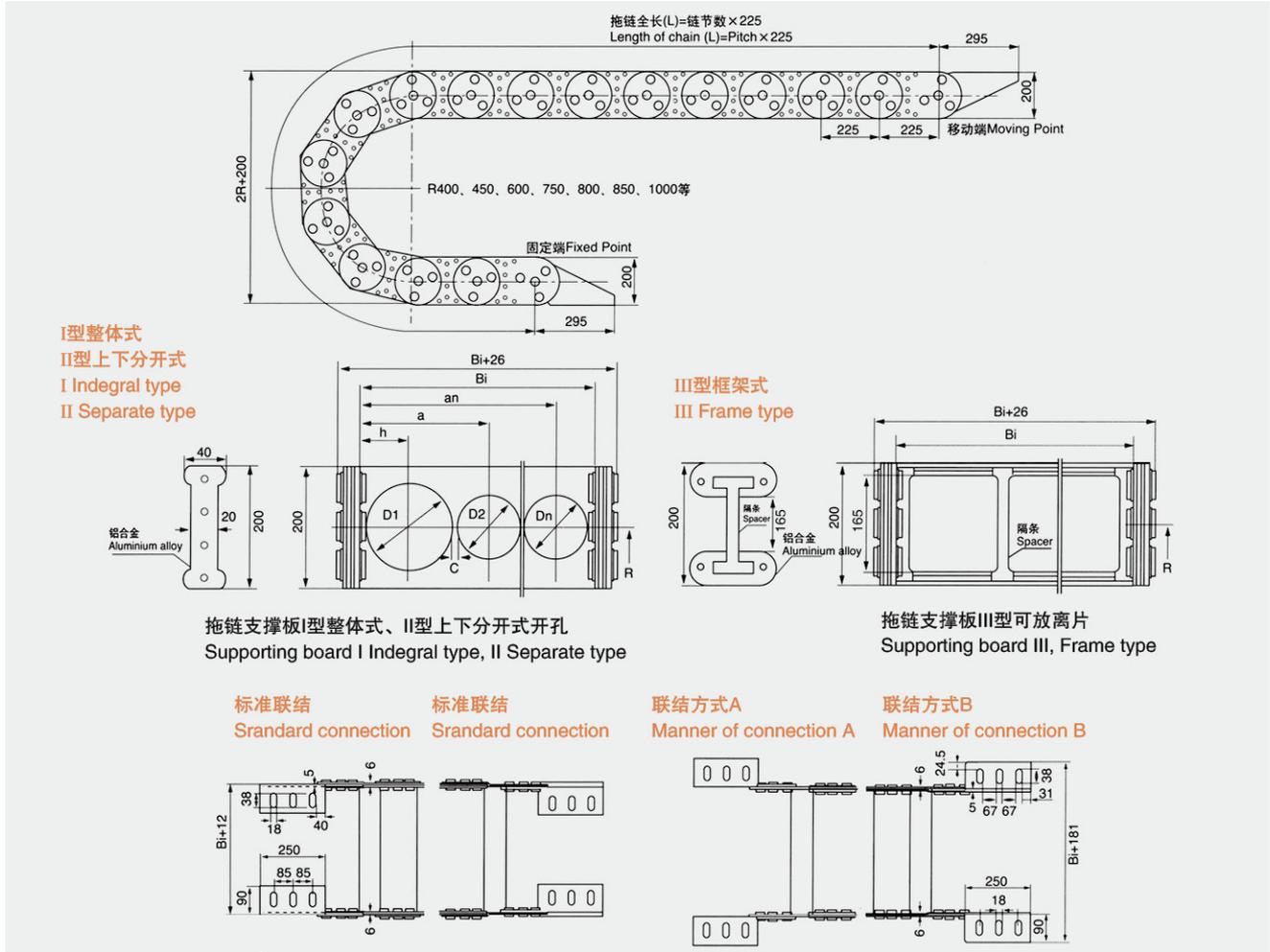
II-type separate type of support board

III-type the upper one and the lower one are made of aluminium with spacer inside

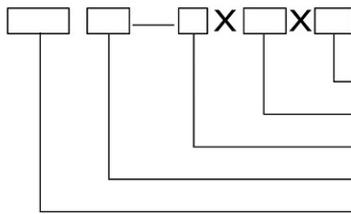
TL型钢制拖链

TL series steel cable drag chains

TL225型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL225



标记意义 / Legends



拖链长度L
拖链支撑板宽度Bi
弯曲半径
支撑板型式I、II、III
型号

L=length of drag chains
Bi=width of supporting board of drag chain
Bending radius
Supporting Board Type I、II、III
Model No.

订货举例 / Example for an order

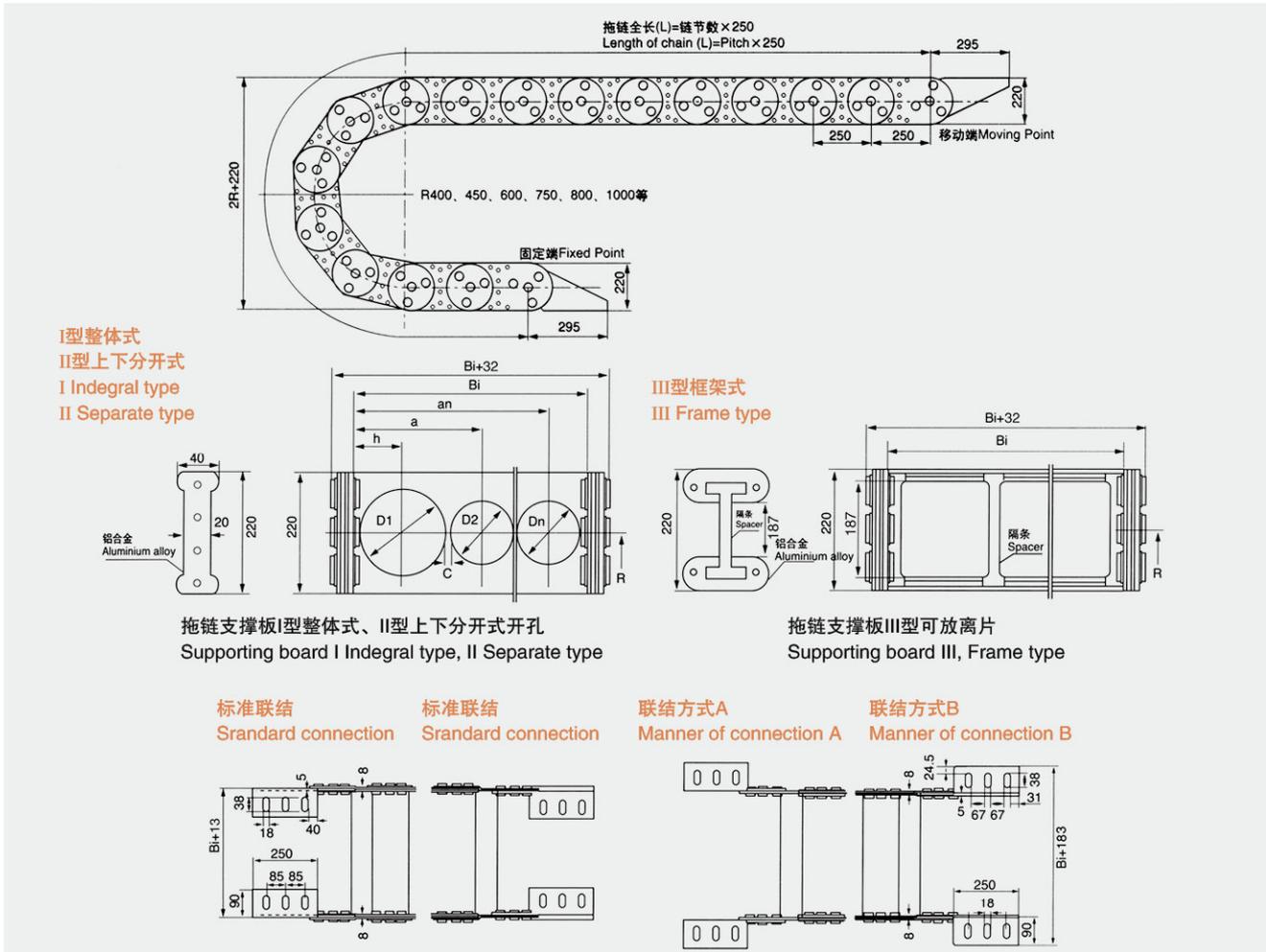
拖链型号TL225, 支撑板III型, 弯曲半径R=600, 支撑板宽度Bi=400, 拖链长度L=12000
拖链 TL225 III -600×400×12000
I型-支撑板整体型(根据用户要求开孔)
II型-支撑板上下分开型(根据用户要求开孔)
III型-上下是铝板内有隔离片(根据用户要求放隔条)

Drag chain model number TL225, supporting board III type, bend radius R=600, supporting board width Bi=400 length L=12000
Drag chain TL225 III - 600×400×12000
I-type integral type of support board
II-type separate type of support board
III-type the upper one and the lower one are made of aluminium with spacer inside

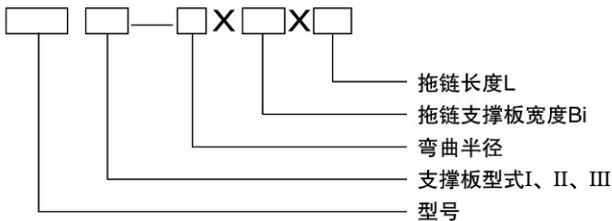
TL型钢制拖链

TL series steel cable drag chains

TL250型钢制拖链安装尺寸图 / Fixing Dimensions Drawing Steel Drag Link of Model TL250



标记意义 / Legends



L=length of drag chains
Bi=width of supporting board of drag chain
Bending radius
Supporting Board Type I、II、III
Model No.

订货举例 / Example for an order

拖链型号TL250, 支撑板III型, 弯曲半径R=600, 支撑板宽度Bi=400, 拖链长度L=12000
拖链 TL250 III -600 × 400 × 12000
I型-支撑板整体型(根据用户要求开孔)
II型-支撑板上下分开型(根据用户要求开孔)
III型-上下是铝板内有隔离片(根据用户要求放隔条)

Drag chain model number TL250, supporting board III type, bend radius R=600, supporting board width Bi=400 length L=12000
Drag chain TL250 III - 600 × 400 × 12000
I-type integral type of support board
II-type separate type of support board
III-type the upper one and the lower one are made of aluminium with spacer inside

国际销售部 (International Sales Department):

电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 Http://www.kwld.com E-mail: info@kwld.com



DGT 型导管防护套(全封闭美观型)

DGT type conduit shield (Totally enclosed and nice-looking)

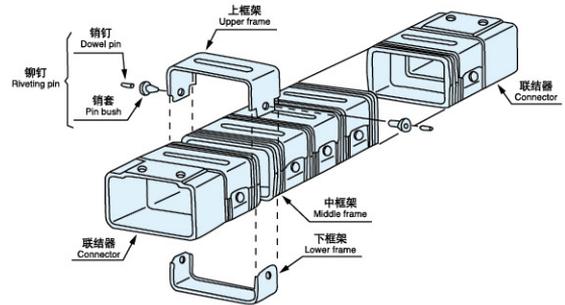
结构制作与用途 / Construction and Applications

套板外径镀铬处理，和不锈钢及塑料，内有工程塑料增强尼龙66加纤维组合而成；套板不锈钢板抛光处理，内有工程塑料组合而成，结构合理，强度高、不变形、外形精美等优点。

安装方便，适用于各类机床机械电器、液压气动管线防护和装饰美主机整体造型。确保操作人员劳动安全，增强我国机床，机械设备在国际市场的竞争能力。

It consists of an outer sleeve being chromium plated, stainless steel and plastics pieces and engineering plastic reinforced nylon fibre. The stainless steel bushing is polished. It has some engineering plastic items. It is featured by rational construction, high strength, non-deformation and has nice-looking appearance.

Easy installation. It is suitable for various of electrical of the machine tools, protection for hydraulic pneumatic pipelines and decoration of main machineries and provide the operating personnel with safe working conditions and better the competitiveness of machine tools and machineries in the international market.



选形 / Selections

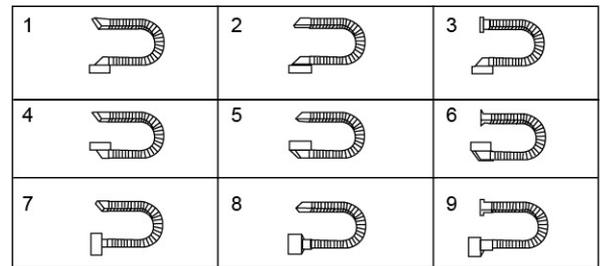
注明规格与型号如下所示：

1. 如1#1200-A-II或25 x 45 x 1200 - A -II
 2. 如4#1800-AB-III或52 x 102 x 1800 - AB -III
- 选型请注意规格，型号，装配形式A、B、C、D。

Please give a clear indication of specifications and model numbers as shown below:

1. For instance, 1#1200-A-II or 25 x 45 x 1200-A-II
2. For instance, 3#1800-AB-III or 52 x 102 x 1800-AB-III

For your selection, please note the specifications and model numbers and assembly mode A, B, C, D.

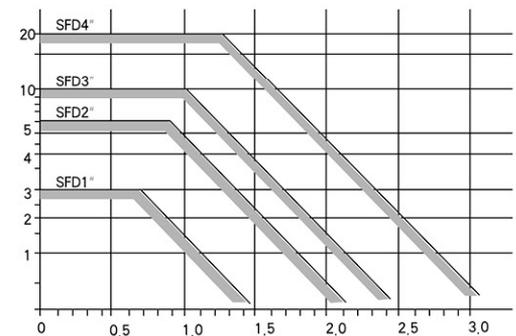


装配示意图 / Schematic drawing for assembly

规格参数表 / Specification parameter table

型号 Type	1#	2#	3#	4#	5#	6#	7#
规格 Spec.	25 x 45	38 x 73	45 x 90	52 x 102	60 x 120	60 x 150	72 x 162
外型 Appearance	39 x 62	53 x 91	61 x 108	70 x 122	81 x 144	81 x 184	93 x 186
弯曲半径 Bending radius	60	100	120	140	160	165	185
不支撑长度M Length for non-supporting	1.5	2	2.2	2.5	2.7	2.9	3.0
负载重量 Load weight	3	4	5	8	10	14	20

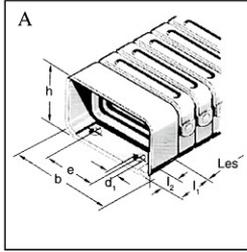
允许不用支承轮时的拖链长度与附加负载关系
Relationship between drag length and load when support wheel is not allowed to be used.



允许不用支承轮时拖链长度M
Load when support wheel is not allowed to be used M

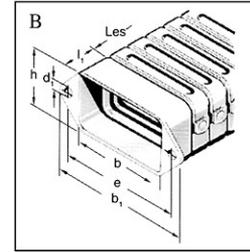
DGT 型导管防护套(全封闭美观型)

DGT type conduit shield (Totally enclosed and nice-looking)



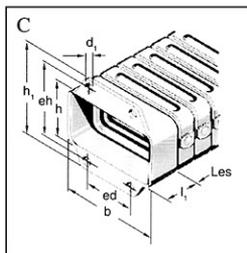
A型接头参数表 /Connectors parameters A Type

规格 Spec.	参数 Parameters	h	b	e	d ₁	l ₁	l ₂
25 × 45		39	57	15	Φ6.5	33	8
38 × 73		53	85	35	Φ6.5	35	10
45 × 90		60	103	40	Φ6.5	40	10
52 × 102		65	114	45	Φ8.5	40	10
60 × 120		75	137	65	Φ8.5	45	10
60 × 150		75	163	80	Φ8.5	45	12
72 × 162		90	180	100	Φ8.5	50	12



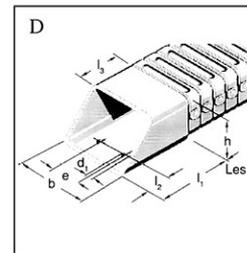
B型接头参数表 /Connectors parameters B Type

规格 Spec.	参数 Parameters	h	b	e	d ₁	l ₁	l ₂
25 × 45		39	57	75	Φ6.5	30	94
38 × 73		53	85	102	Φ8.5	35	120
45 × 90		60	103	130	Φ8.5	40	154
52 × 102		65	114	135	Φ8.5	40	160
60 × 120		75	137	170	Φ8.5	45	197
60 × 150		75	163	210	Φ8.5	45	240
72 × 162		90	180	225	Φ8.5	50	259



C型接头参数表 /Connectors parameters C Type

规格 Spec.	参数 Parameters	h	b	eb	d ₁	l ₁	eh	h ₁
25 × 45		39	57	20	Φ6.5	33	55	77
38 × 73		53	85	35	Φ6.5	35	67	87
45 × 90		60	103	52	Φ8.5	40	78	98
52 × 102		65	114	55	Φ8.5	40	82	102
60 × 120		73	137	70	Φ8.5	45	100	120
60 × 150		75	163	83	Φ8.5	45	97	121
72 × 162		90	180	100	Φ8.5	50	113	137



D型接头参数表 /Connectors parameters D Type

规格 Spec.	参数 Parameters	h	b	e	d ₁	l ₁	l ₂	l ₃
25 × 45		39	57	22	Φ6.5	38	10	25
38 × 73		53	91	45	Φ6.5	38	10	25
45 × 90		61	108	55	Φ6.5	58	12	35
52 × 102		70	122	70	Φ8.5	58	13	35
60 × 120		81	144	85	Φ8.5	60	15	35
60 × 150		81	184	95	Φ8.5	60	15	38
72 × 162		93	186	115	Φ8.5	64	15	38

国际销售部 (International Sales Department):

电话 (Tel): +86-512-52503703 手机 (M.P): +86-17351130120 18913715738 [Http://www.kwld.com](http://www.kwld.com) E-mail: info@kwld.com



JR-2型矩形金属软管(全封闭强力型)

JR-2 type rectangle metallic hoses (totally enclosed reinforced type)

结构与用途 / Construction and applications

矩形金属软管采用全金属结构。该产品符合JB/GQ058285企业联合标准，适用于各类金属切屑机床及切割机床。防止高热铁屑对您供电、水、汽线路的损伤，保护劳动安全。

The rectangle metallic hoses suitable for all types of metal cutting machine tools and slicing machines. Protect working personnel, electric circuits, water supplying piping systems and gas loops from damaging or injured.

The product is according to the standard JB/GQ58285.



选形 / Model selection

1. 注明规格与型号如下所示：

A × B × L - 装配形式；L - 软管长度，包括联接器装配，形式见软管装配形式图：I ~ IX

2. 特殊接头形式：a - c；

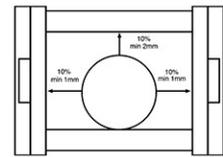
例：25 × 50 × 1200 - I、25 × 50 × 1200 - AB - III

1. Give a clear indication of the specifications and model numbers as given below；

A X B X L - assembly type；L - hose length, including the assembly of the connectors, please see the hose assembly figure for specifics: I ~ IX

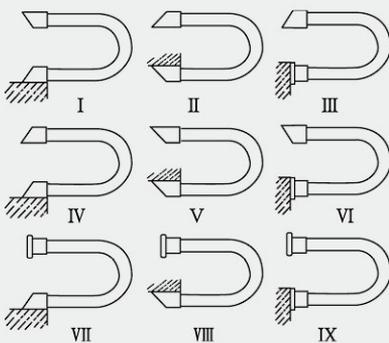
2. Special connector types: a - c；

Example: 25 × 50 × 1200 - I, 25 × 50 × 1200 - AB - III

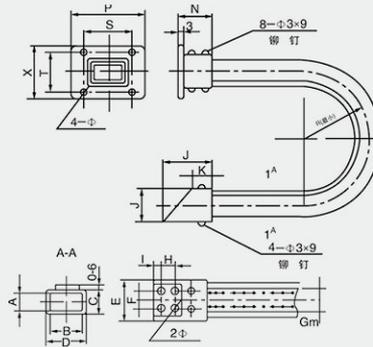


电缆与汽管在矩形软管内的位置
Positions of cables and gas pipes within the rectangle hose

软管装配形式图 / Hose assembly figure



软管接头尺寸图 / Connector dimension figure



注：1. 水平放置时下方应设置具有足够长度的拖板。
2. 水平放置时允许选用超出表中规定的长度，但建议在适当的位置上设计滚动支承点，以防软管下弯。

Note: 1. When laid horizontally, a drag plate with enough length underneath should be provided.

2. When laid horizontally, a length that exceeds the length as given the table is allowed to use, but a rolling backing point is recommended to add at an appropriate position so as to avoid hose bending.

接头尺寸及规格参数表 / Connector's dimensions and specifications

内径(A × B) Inside diameter	外径(C × D) Outside diameter	E	F	G	H	I	L	J	K	N	P	S	X	T	Φ	R	轴向拉力 Axial pulling force (kg)	重量 Weight (kg/m)	允许承重 (kg)	允许长度 (m)
22 × 32	27.5 × 36.7	38	18	25	22	10	23	60	20	40	78	60	55	38	5.5	70	35	1.3	3	2
25 × 50	31.5 × 54.5	58	30	35	25	10	33	70	25	50	90	75	60	45	5.5	90	40	1.75	6.5	3
35 × 60	40.1 × 64.4	69	40	45	25	10	44	70	30	50	100	80	70	52	5.5	100	50	2.1	10.5	3
38 × 73	43.7 × 77.8	82	50	55	35	10	47	90	35	55	110	85	82	62	6.5	110	60	2.36	11.5	4
40 × 80	45.4 × 84.7	89	50	65	50	15	49	120	40	60	120	100	90	68	9	120	70	2.5	12.5	5
52 × 102	57.5 × 107.8	113	65	80	50	15	63	130	45	60	140	120	100	80	9	140	75	2.85	16.5	6
60 × 120	67.5 × 127.7	132	90	90	80	20	71	150	45	70	170	146	110	84	9	180	80	3.15	20	7
60 × 130	65.1 × 134.4	141	95	100	90	20	71	160	50	75	180	150	120	90	9	180	80	3.25	22	8
72 × 162	78.4 × 168.2	184	120	120	100	20	82	180	60	80	210	180	130	100	9	210	80	4.5	24	8



国内销售部 (Domestic sales department):

电话 (TEL): 0512-52500332 手机 (M.P): 18962563938 18962172238 Http://www.kwliid.cn E-mail: info@kwliid.cn