

钢带和钢丝
Just all in STRIP and WIRE



LONDEX



关于隆德

宁波隆德五金制造有限公司

宁波隆德五金制造有限公司立足于市场发展需求,不断开拓,进取与自我完善,以满足客户的一切需求为宗旨。公司严格恪守该宗旨,致力于向公司合作伙伴提供我们最优质的产品,最专业的方案以及最卓越的服务。

我们专注于弹簧制造业,公司有碳素钢丝和合金钢丝,线径规格为0.10mm至22.00mm,能满足一般用途弹簧和特殊弹簧的生产需求。同时我们也提供异型钢丝,扁钢丝和直条钢丝(直条钢丝最大线径为12mm,可生产长度最长为4,000mm)。

得益于长期以来公司在钢带分条方面的丰富经验,我们能为您提供厚度在

0.10mm至6.00mm,宽度在3mm至1,250mm的钢带。为客户提供精确分条的窄钢带是我们的专业所在。此外,公司配有其它设备,能提供卷绕钢带,或者钢板等,以满足客户的不同需求。

About LONDEX

NINGBO LONDEX INDUSTRIAL, CO. LTD.

A company must stand out because of its dynamism, its evolution and anticipation of any market development, and also for being able to satisfy all of its customers. In LONDEX we operate according to those premises, consolidating ourselves as a strong and solvent company in the sector, in order to keep inspiring the highest level of confidence throughout service and product quality, a wide product portfolio and a personalized treatment.

We stock ferrous and non ferrous wire from $\varnothing$ 0.10 to 22mm for all regular and special applications, highlighting the spring manufacturing industry as our main target. We also offer square, flat and straightened wire (these last ones up to $\varnothing$ 12mm and 4,000mm length).

Our strip business is based on a wide experience in slitting ferrous and nonferrous metals from 0.10 to 6.0mm thickness and widths from 3 to 1,250mm.

We are specialists in narrow strips guaranteeing tight tolerances to achieve customers' requests. Additional machines for the production of oscillate wound coils and cut-to-length strip allow us to offer the more convenient packaging for any customers' need.





设备

钢带：分条从厚度0.10mm到5.00mm的厚度，宽度3.00mm 到1250mm 。我们有钢带卷料机，能把钢带打包成卷装，最大件重为2000kg 。

钢丝： 仓库中的钢丝材料线径规格从0.10mm 到22.00mm 。

我们有圆线，异型线和扁线。我们能做线径从0.70mm到22mm的直条钢丝，长度从35mm到4000mm 。

Facilities

Strip: The cutting ranges vary from thicknesses of 0.10 mm to 5.0 mm and from widths of 3.0 mm to 1,250 mm. We have spooling lines to supply strips in coils of up to 2,000 kg.

Wire: The selection of wires we have in stock covers a range of diameters from 0.10 mm to 22 mm. We have round, square and flat wires. We straighten wires in rods with diameters ranging from 0.7 mm to 10.0 mm and lengths between 35 mm and 4,000 mm.

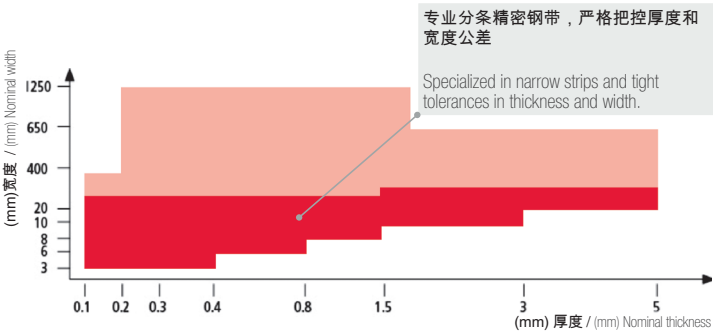
我们喜欢我们正在做的事。
这也是我们做的如此出色的原因

We like what we do.
And that's why we do it well.

钢带 | STRIP

生产范围

PRODUCTION RANGE



提供单卷钢带和复卷钢带
Single or oscillated coils delivery possible.

钢带分条边种类

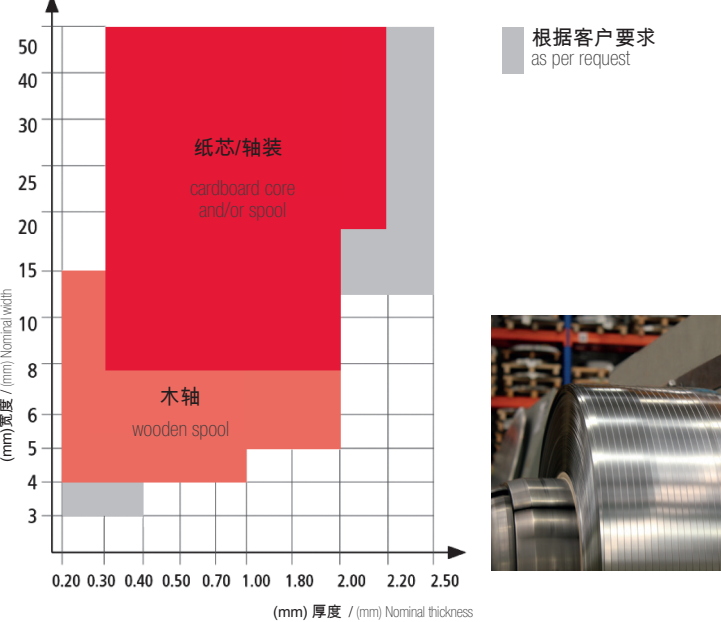
TYPES OF EDGES

普通分条边 Slit	GK	普通分条边 Slit	
特殊处理边缘 Special	SK	无棱角边 Rounded	
		圆弧边 Round	

复卷钢带生产能力

OSCILLATED COILING CAPACITY

最大钢带件重为2000kg
We have spooling lines to supply strips in coils of up to 2,000 kg.



规格和承载能力 / Dimensions and capacity			
包装轴 Types of reel	最大承载重量 Maximum weight	最小内径 Min. inside Ø	最大外径 Max. outside Ø
木轴 / Wooden	1500 kg	300 / 400 / 500 mm	760 mm
金属轴 / Metal	-	-	-
塑料轴 / Plastic	-	-	-
纸芯 Cardboard core	2000 kg	300 / 400 / 500 mm	1200 mm

不锈钢带

STAINLESS STEEL STRIP

欧标 (EN) EUROPE (EN)	日标 / JAPAN (JIS)	美标 / USA
1.4310	SUS 301	301
1.4310 Mo	-	301 Mo
1.4301	SUS 304	304
1.4401	SUS 316	316
1.4568	SUS 631	631
1.4006	SUS410	410
1.4021	SUS420J1	420
1.4016	SUS430	430
1.4372	SUS201	201
1.4373	SUS202	202

交货状态 Supply condition	软态 Annealed	表面处理:轻拉或者亮面	2B or 2R/BA
		交货状态:硬拉,且光亮	Tempered: TR/TH
	冷拉 Cold rolled	- EN 10151 抗拉强度700至2100兆帕	- EN 10151 from C700 to C2100
		- YB/T 5310 低硬,半硬,冷硬,特硬	- YB/T 5310 from DY to TY
		- JIS 4313 1/2硬至硬,或客户要求	- JIS 4313 from 1/2H to SEH
		- ASTM A666 1/4硬至硬	- ASTM A666 from 1/4H to FH

中碳和高碳钢带

MEDIUM AND HIGH CARBON STEEL STRIP

欧标 (EN) EUROPE (EN)	日标 / JAPAN (JIS)	美标 / USA
C15E	EN 10132-2	S15C G4051 SAE 1015 1015
16MnCr5	EN 10132-2	- - AISI 5115 5115
C45E	EN 10132-3	S45C G4051 1045 A682/684
25CrMo4	EN 10132-3	SCM 420 G 4105 SAE 4130 4130
42CrMo4	EN 10132-3	SCM 440 G 4105 SAE 4140 4140
C67S	EN 10132-4	S65C-CSP G4802 1065 A682/684
C75S	EN 10132-4	- - 1074 A682/684
C85S	EN 10132-4	SK85-CSP G4802 1086 A682/684
C90S	EN 10132-4	- - - -
C100S	EN 10132-4	SK4-CSP G4802 1095 A682/684
51CrV4	EN 10132-4	SUP 10 G4802 6150 A505/506

高碳钢带交货状态 Supply conditions for high carbon steel	退火和轻拉	Annealed and skin-passed	LC
	冷轧	Cold rolled	CR
	回火 马氏体/贝氏体	Quenched and tempered Martensitic / Bainitic	QT

镀层

COATINGS

除常规性的镀层，我们还提供其它用途的各种镀层
Besides the coatings that are subject to standards, we offer other options for various uses:

镀黄铜	镀紫铜	镀镍	镀金	镀银	预镀/喷漆	镀锡	其他镀层 可选	电镀锌
Brass plating	Copper plating	Nickel plating	Gold	Silver plating	Pre/painted / Lacquered	Tinning	Selective coating is possible	Electro zincplating

备注:常规性镀层详细信息请参阅每种材质附带的技术表格。
Note: The coatings that are subject to standards are detailed in the "finishes" section of the technical reference sheets of each specific product.

低碳钢带和镀锌钢带

LOW CARBON STEEL AND GALVANIZED STEEL STRIP

欧标 (EN) / EUROPE (EN)		日标 / JAPAN (JIS)		美标 / USA	
DD11	EN 10111	SPHD/ HR 1	G3131	CS Type B	A1011
DC01	EN 10139	SPCC	G3141	1008	A366
DC03	EN 10139	SPCD	G3141	1006	A619
DC04	EN 10139	SPCE	G3141	1006	A620
11SMn30	EN 10087	SUM 22	G 4804	1213	A29
DX51D + Z	EN 10327	-	-	CS Types A, B, C	A653
可供选择的镀层 Possible coatings for low carbon steel strip		镀锡		Tin plated	
		电镀锌		Electrogalvanized	
		锌铝		Z/A coated	

根据EN 10139标准，低碳钢带交货状态可分为软态，轻拉或者回火状态（C290-C690）。

Low carbon steel can be supplied in annealed and skin-passed condition (LC) or tempered (C290-C690) as per EN 10139.

铝带

ALUMINIUM STRIP

欧标 EN 573-3 EUROPE EN 573-3	日标 / JAPAN JIS H4000	美标 / USA
AW-1050A	A 1050	1050
AW-5052	A 5052	5052
AW-5083	A 5082	5083
AW5754	A 5154	5154

铝带交货状态分为软态，1/4硬，半硬，硬态。牌号有2XXX,3XXX,6XXX和7XXX。

Aluminium strip can be supplied in soft, 1/4 hard, half hard or full hard condition. 2xxx, 3xxx, 6xxx and 7xxx series are also available.

铜和铜合金带材

COPPER AND COPPER ALLOYS STRIP

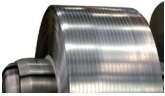
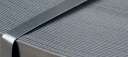
欧标(EN) EUROPE (EN)	日标 / JAPAN (JIS)	美标 / USA
Cu-ETP	C 1100	C11000
CuNi2Si	-	C64700
CuNi12Zn24	-	C75700
CuZn33	C 2680	C26800
CuZn37	C 2720	C27400
CuSn6	C 5191	C51900
CuSn3Zn9	-	C42500

铜和铜合金带材交货状态分为软态，半硬，硬态，特硬。

Copper and copper alloys strips can be supplied in soft, half hard, hard, extra hard and spring hard and extra spring hard condition.

形式

FORMAT

钢带卷 / STRIP - COIL 捆扎 / STRAPPING				轴装 SPOOLED
按照摆放分 / By arrangement		按照材质分 / By material		
 轮胎装（可以指定钢带数量） Radial (You can choose the no. of strips)	 边界 / 环装 Perimeter/Circumferential	 塑料 / Plastic	 金属 / Metal	
卷带方向 Unwinding direction		类型 / Type		HELYCOIL
 顺时针 Clockwise	 逆时针 Anticlockwise	 纸芯轴 On cardboard core (with/ without)	 内部毛刺 Inner Burr	 外部毛刺 Outer Burr



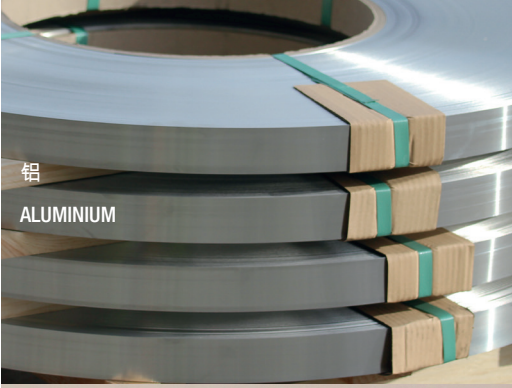
不锈钢
STAINLESS STEEL



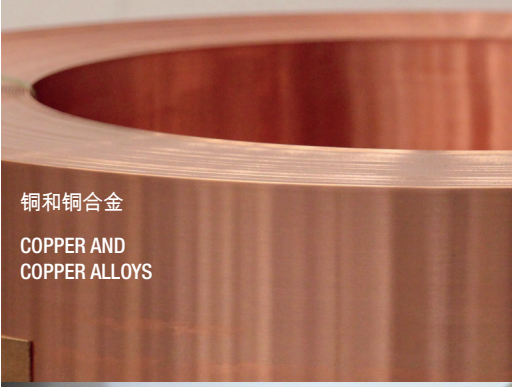
高碳
HIGH-CARBON STEEL



低碳
LOW-CARBON STEEL



铝
ALUMINIUM



铜和铜合金
COPPER AND
COPPER ALLOYS



板状
SHEETS

钢丝 | WIRE

高碳钢丝
(冷拉线-琴钢丝)

HIGH CARBON STEEL
(HARD DRAWN AND MUSIC SPRING WIRE)

欧标 EN 10270-1	日标 JAPAN G-3506/ G3522	美标 USA ASTM
SL	SWB	A 227
SM	SWC	A 227
SH	SWP-B	A 228
DM	-	A 227
DH	SWP-B	A 228
第二类 / CLASS II	-	-

规格范围 / Range of sizes: 0.20-20.00 mm.

镀层 Coating	ph	磷化表面	Phosphated
	Z	镀锌	Zinc coated
	ZA	锌铝	Zn/Al coated
	rd	先镀铜后拉丝	Reddish
	Cu	镀铜	Copper coated

弹簧用淬火钢丝

STEEL TEMPERED IN OIL AND
QUENCHED FOR MECHANICAL SPRINGS

欧标 EN 10270-2	日标 JAPAN G-3560	美标 USA ASTM
FDC	SWO-A B	A 229
FDSiCr	SWOSC-B	A 401
FDSiCrV	-	-
TDSiCr	-	A 1000-5 Grade A
TDSiCrV	-	2 A 1000-5 Grade D
VDSiCr	SWOSC-V	A 877
VDSiCrV	-	-

TD和VD 级材料采用纯度较高的盘元线加工而成。
2.00-16.00mm之间的材料可提供ECT测试。成品钢丝线径在
1.50—8.00mm之间的可以提供扒皮处理。

Low impurity level wire rod used for TD and VD grades.
ECT available for sizes between 2.0 and 16.0 mm.
Shaved wire rod for final wire sizes: 1.50-8.00 mm.

弹簧用不锈钢丝

STAINLESS STEEL SPRING WIRE

牌号 Symbolic designation	欧标 EN 10270-3	美标 USA ASTM	日标 JAPAN JIS
X10CrNi18-8	1.4310	AISI 302 NS	SUS 302-WPB
X10CrNi18-8	1.4310	AISI 302 HLS	-
X5CrNiMo17-12-2	1.4401	AISI 316	SUS 316-WPA
X7CrNiAl17-7	1.4568	AISI 631	SUS 631J1-WPC
X5CrNi18-10 (NS / HS)	1.4301	AISI 304	SUS 304-WPB
X1NiCrMoCu25-20-5	1.4539	-	-

规格范围 / Range of sizes: 0.20-14.00 mm.

交货状态 Supply conditions	皂化雾面或者亮面	Soap coated or bright
	镀镍雾面或亮面	Dull or bright nickel coated

成品钢丝线径0.20-350mm之间的母料可提供扒皮处理
Shaved wire rod for final wire sizes: 0.20-3.50 mm.

不锈钢丝

STAINLESS STEEL WIRE
FOR GENERAL PROPOSE

如需304,304Cu ,316等牌号请联系销售。
Grades as 304, 304Cu, 316, etc. under request.

交货状态 Supply conditions	软态	Soft
	半硬	Half hard
	皂化雾面或者亮面	Soap coated or bright

规格范围 / Range of sizes: 0.20-20.00 mm.

弹簧用青铜钢丝

BRONZE WIRE FOR SPRINGS

欧标 EN 12166	日标 JAPAN JIS H 3270	美标 USA ASTM
CuSn6	C5191	C51900

如需其他低碳钢丝，紫铜丝，青铜丝或者铝请联系销售。
Other wires in low carbon steel, copper, brass or aluminium under request.

圈径和圈距 (适用于高碳和不锈钢丝)

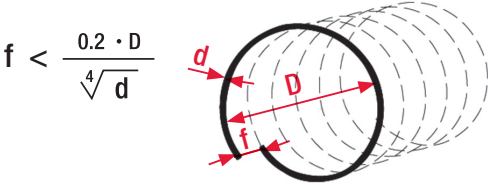
CAST AND HELIX
(VALID FOR HC AND SS WIRE)

轴向位移 (圈距) /残余扭力控制

AXIAL DISPLACEMENT (HELIX/ PITCH) / CONTROL OF RESIDUAL TORSION

直径不大于5.00mm的钢丝，圈距“f”应符合以下公式:

For a turned wap (cast) the condition of non-existence of residual tension in wires with a diameter of less than 5.00mm is respected if:



镀层

COATINGS

除了常规镀层外，我们还提供其它多样化镀层:

Besides the coatings that are subject to standards, we offer other options for various uses:

镀锡 Tinning	镀青铜 Brass plating	电镀锌 Electro zinc plating	镀镍 Nickel plating	多重镀层叠加 Lamination (in various colours)

备注: 常规性镀层详细信息请参阅每种材质附带的技术表格

Note: The coatings that are subject to standards are detailed in the “finishes” section of the technical reference sheets of each specific product.

生产能力

SUPPLY CAPACITIES

常规牌号的材料能加工成扁线或者异型线

Main grades can also be supplied FLAT, or SQUARE.

Min. Ø
0,10 mm

Max. Ø
22,0 mm

圆线 / ROUND	扁线，异型线 / FLAT, SQUARE WIRE				

包装

PALLETISING

捆装 Coil	料架 Spider / Carrier	托盘 Square pallet	欧标托盘 Euro pallet	水平放置 Horizontal axis	竖放 Vertical axis
盖子 Cover	熏蒸包装 Phytosanitary packaging	VCI 防潮纸 VCI anti-humidity paper	VCI 防潮塑料包装 VCI anti-humidity plastic	海运包装 Seaworthy packaging	防潮袋 Anti-humidity bags

如需其他种类或者牌号，请联系销售部。 / For further information about other grades and products, please contact our sales department.

包装

PACKAGING

包装种类 Type of packaging		材质 / Quality							最大件重 Maximum weights in kg
		冷拉钢丝/琴钢丝 Hard drawn wire/ High carbon	淬火钢丝 Tempered Steel	弹簧用不锈钢丝 Stainless steel for springs	一般用途不锈钢丝 Stainless steel general use	低碳钢和 51CrV4 钢丝 Low carbon steel and 51CrV4 wire rod	合金钢 Non ferrous		
	捆装 Coil	•	•	•	•	•	•		500
	纸筒 Orbit				•	•			1200
	料架 Spider / Carrier		•		•				2000
	Z 型捆装 Z Coil	•	•	•	•		•	•	800
	轴装 Spooled Coil							•	400
	DIN 160 塑料轴 Plastic Spool DIN 160						•		7
	DIN 300 塑料轴 Plastic Spool DIN 300	•						•	17
	DIN 355 塑料轴 Plastic Spool DIN 355	•						•	45
	DIN 390 塑料轴 Plastic Spool DIN 390			•				•	15
	DIN 460 塑料轴 Plastic Spool DIN 460			•				•	45
	DIN 560 G200/32 金属轴 Metal Reel DIN 560 G200/32	•	•	•					150
	G200/4 金属轴 Metal Reel G200/40		•						150
	G240/40 金属轴 Metal Reel G240/40	•	•	•				•	300
	DIN 760 G28/40 金属轴 Metal Reel DIN 760 G280/40	•		•					400
	G360/40 金属轴 Metal Reel G360/40	•		•				•	450
	G240/40 木轴 Wooden Reel G240/40	•	•	•				•	300
	G360/40 木轴 Wooden Reel G360/40	•		•				•	300
	直条钢丝 Rods	•	•	•	•	•	•		

油淬火回火钢丝

OIL TEMPERED WIRE

扁线

FLAT WIRE

不同镀层的不锈钢丝

STAINLESS STEEL WIRE
DIFFERENT COATINGS

直条钢丝

STRAIGHTENED WIRE

有色金属钢丝

NON FERROUS WIRE

锌铝镀层钢丝

Z/A COATED STEEL WIRE

钢带和钢丝

Just all in STRIP and WIRE



距离:

慈溪距离宁波60公里，距离杭州85公里，距离上海140公里

Distances:

CIXI - NINGBO..... 60 Km. / CIXI - HANGZHOU..... 85 Km. / CIXI - SHANGHAI..... 140 Km.



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