



TENGLONG STAINLESS STEEL PRODUCTS GROUP CO.,LTD.

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不锈钢丝及紧固件制造专家  
SPECIALIST IN STAINLESS STEEL WIRE & FASTENER



腾龙精线集团创建以来，历经二十多年风雨春秋，励精图治，发展成今天拥有自己品牌、具备一定规模、有着较高行业地位和较强市场影响力的现代化综合性企业集团。

集团秉承“团结拼搏、追求卓越、超越自我、精益求精”的企业精神，致力于不锈钢线材、不锈钢紧固件及加工设备制造为主和适度多元化投资的发展战略，通过专业化的团队、专业化的管理和专业化的服务打造卓越的腾龙品牌。

回眸创业艰辛，披荆斩棘历历在目，喜看今朝硕果，天道酬勤奕奕而贺。

在此，我谨代表腾龙精线集团全体员工衷心地感谢社会各界人士长期以来对我们的关注和支持！

Over 20 years of development, Tenglong Group has made great efforts to develop into a modern comprehensive enterprise group, which has build its own brand with certain scales and high industry status as well as strong market influence.

Keeping the enterprise core value "solidarity hard work, pursuit of excellence, go beyond ourselves, and keep improving" in mind, Tenglong Group is committed to stainless steel, stainless steel fasteners and processing equipment, manufacturing and adapt to the development of diversification strategy. With professional team, professional management and services, Tenglong is now building its own excellent brand.

Inretrospect, the company has been through challenge and difficult times, and we are proud of the remarkable achievement we have reached.

Today, on behalf of all the members of Tenglong Group, I would like to express our appreciation to each of you for your long term support and cooperation.

**董事长：陈佩君**  
Chairman: Chen Peijun

腾龙精线集团是全球知名的特种用途不锈钢丝深加工、不锈钢紧固件制造和金属线材加工设备制造综合性企业，现拥有山东、浙江、越南三个核心生产基地，集团年产销值近 100 亿元人民币。

集团创立于 1993 年，经过 20 余年不断发展壮大，已成为全球较大规模的不锈钢精线加工、紧固件及紧固件设备制造一体化全产业链的知名企业。下辖全资和控股公司十二家，涉及不锈钢线材、不锈钢紧固件、机械设备制造、IT、钢铁贸易、化工、房产、金融、生态农业等相关产业。

目前，公司特种用途不锈钢丝及紧固件总产销量 20 多万吨，位居全球同行业前列。集团旗下各公司产品广泛应用于航空航天、核电、舰船、高铁工程、高速列车、海洋工程、建筑、轻工等行业。2013 年建立王一德院士工作站并依托北京科技大学研发团队共同组成腾龙精线研发中心，旨在引领行业技术进步。

公司秉承“诚信、创新、品质、服务”的经营理念，谋求企业与客户共同发展，精心将自身打造成为具有自主知识产权的全球著名不锈钢精线及紧固件企业。

TENGLONG STAINLESS STEEL PRODUCTS GROUP is comprehensive enterprise in China, which specializes in stainless steel wire processing, stainless steel fasteners manufacturing, equipment manufacturing. It owns Shandong, Zhejiang and Vietnam three production base centers, covering an area of 468,500 square meters, The Group annual sales value reach to 10 billion RMB.

Tenglong Stainless Steel Products Group was founded in 1993, after 20 years of continuous development and expansion, it has 12 wholly-owned and holding companies under its jurisdiction, involving stainless steel wire, stainless steel fasteners, machinery and equipment manufacturing, IT, steel trading, chemical industry, real estate industry, financial industry, ecological agriculture and other related industries.

Currently, the production of stainless steel wire and fasteners has an annual output over 200,000 tons, Company products are widely used in aerospace industry, nuclear power industry, shipbuilding industry, high-speed rail projects, high-speed trains, construction industry, light industry, and establish academician workstation, aims to lead the industry technology progress.

Tenglong Stainless Steel Products Group adhering to the "integrity, innovation, quality, service" as its business philosophy, seek common development with customers, and carefully build itself as a stainless steel wire and fastener enterprises with independent intellectual property rights and famous brand around the world.

### 腾龙精线集团旗下部分核心企业 TENGLONG STAINLESS STEEL WIRE GROUP'S CORE SUBSIDIARIES

#### 1、浙江腾龙精线有限公司

ZHEJIANG TENGLONG STAINLESS STEEL PRODUCTS CO., LTD.

#### 2、山东腾达不锈钢制品有限公司

SHANDONG TENGDA STAINLESS STEEL PRODUCTS CO., LTD.

#### 3、山东腾达紧固科技股份有限公司

SHANDONG TENGDA FASTEN TECH CO., LTD.

#### 4、宁波腾智信息技术有限公司

NINGBO TENGZHI INFORMATION TECHNOLOGY CO., LTD.

#### 5、宁波腾业贸易有限公司

NINGBO TENGYE TRADING CO., LTD.

#### 6、越南腾远精线有限公司

TENGYUAN WIRE(VIETNAM) CO., LTD.

#### 7、山东腾和机械设备制造有限公司

SHANDONG TENGHE MECHANICAL EQUIPMENT MANUFACTURING CO., LTD.



## 浙江腾龙 | Zhejiang Tenglong

浙江腾龙精线有限公司初创于1986年，于2013年11月30日整体迁入中国腾龙精线集团宁波不锈钢深加工基地，基地坐落于宁波北仑装备产业园区内，占地265000平方米。公司全部采用自主研发的不锈钢伸线设备，专业生产0.60mm-25mm的各类不锈钢线材和棒材，设计年产量不锈钢精线85000吨。公司投入全新的生产设备及检验设备，运用优良的管理和服务理念，使腾龙精线成为行业龙头，是全球具有较强竞争力的品牌之一。

ZHEJIANG TENGLONG STAINLESS STEEL PRODUCTS CO., LTD. was founded in 1986, and moved into China Tenglong Stainless Steel Group Ningbo Deep Processing Centre on Nov.30, 2013. Ningbo Deep Processing Centre is located in Ningbo Beilun Equipment Industry Zone, covering an area of 265000 square meters. The company adopts our own research and development stainless steel wire drawing equipment, specializing in the production of all kinds of stainless steel wire and bars of 0.60mm-25 mm, with designed annual output of 85000 tons. Through investing in new production equipment and testing equipment, and introducing excellent management and service concept, make Tenglong as the main player in industry and become one of the world's strong competitive brand.



## 山东腾达 | Shandong Tengda

山东腾达不锈钢制品有限公司系腾龙精线集团旗下不锈钢产业的主体企业，于2003年成立，坐落在齐鲁圣地山东滕州，公司占地203500平方米。公司专业从事不锈钢丝焊材、弹簧线、细线等不锈钢伸线的研发与加工制造，设计年产量不锈钢丝60000吨。其生产的产品广泛涉足高铁、通讯、新能源、核电、机械设备、石油化工、医疗器械、军工装备、航空领域、家庭民用等，系国家级高新技术企业。

SHANDONG TENGDA STAINLESS STEEL PRODUCTS CO., LTD. is a subsidiary corporation of Tenglong Stainless Steel Group, founded in 2003, which is located in Shandong Tengzhou, covering an area of 203500 square meters. The company is specialized in the research, developing and manufacturing of the stainless steel welding wire, stainless steel spring fine wire .etc. The company has designed annual output of 60000 tons of stainless steel wire. As a national high-tech enterprise, our products are widely used in the field of high-speed communications, new energy, nuclear power, mechanical equipment, petrochemical, military equipment, civil aviation, family and medical devices.

## 紧固科技 | Fastening Technology

Fastening Technology

山东腾达紧固科技股份有限公司成立于2015年12月，注册资本金1.5亿元人民币，原隶属于腾达不锈钢制品有限公司，主营产品为不锈钢紧固件及客户需求的各种非标产品等，公司拥有国内、国际先进水平的多工位冷镦设备和机加工设备300余台套，设计年产量60000吨。公司通过了GB/T19001/24001/28001三项管理体系的认证，IATF16949认证、欧盟CE认证、CNAS(国家实验室)认证和AEO海关高级认证等专业认证，是中广核集团集成供应商、中核集团合格供应商。

SHANDONG TENGDA FASTENING TECHNOLOGY CO., LTD. was established in December 2015 with a registered capital of 150 million yuan, it was originally affiliated to Tengda stainless steel products co., ltd. its main products are stainless steel fasteners and various non-standard products required by customers. The company has more than 300 sets of multi-station cold heading equipment and machining equipment of advanced domestic and international standards, with a designed annual output of 60,000 tons. The company has passed the certification of GB/T19001/24001/28001 three management systems, IATF16949 certification, EU CE certification, CNAS (National Laboratory) certification and AEO Customs Advanced Certification and other professional certifications. It is an integrated supplier of CGNPC and a qualified supplier of CNNC.



## 越南腾远 | Yuenan Tengyuan

Yuenan Tengyuan

腾远(越南)有限公司成立于2018年,位于越南天江省,占地面积20000平方米,从事生产0.6~15.0mm的优质不锈钢丝,现有生产线年产量18000吨,公司的目标是成为行业内领先的不锈钢丝供应商之一。

腾远(越南)有限公司从未停止进步,我们拥有一批对不锈钢丝制造充满热情的员工,为客户提供优质的服务,与合作伙伴建立互信,我们相信自己正在走向最好的道路。

TENGYUAN WIRE(VIETNAM) CO.,LTD. was established in 2018,which is located in Tien Giang Province, Vietnam, covering an area of 20000 square meters. The company is engaged in manufacturing high quality stainless steel wire; the existing production lines contribute an output of 18000 MT annually, and the diameter can be produced is ranging from 0.6mm to 15mm.The company aims to be one of the leading stainless steel wire suppliers in the industry.

TENGYUAN WIRE(VIETNAM) CO.,LTD. has never stopped making improvement. Consisting of people who are passionate about wire manufacturing makes TENGYUAN deliver excellent service to the customers and build up mutual trust with our partners, we believe we are on the way to the best.



### 研发中心 R&D center

腾龙精线集团研发中心成立于2012年,以新技术、新工艺、新材料的研发作为核心任务,下辖国家级“CANS”实验室,以及各基地的试生产车间,为公司获得专利技术150项,其中发明专利10项,实用新型专利90项,外观专利10项,软件著作权40项,90%以上专利均实现成果转化。

The R & D center of Tenglong Stainless Steel Products Group was established in 2012, with the R & D of new technology, new process and new material as the core task, it possess the national "cans" laboratory, as well as the trial production workshops of each base, 150 patented technologies were obtained for the company, including 10 invention patents, 90 practical new patents, 10 appearance patents, 40 software copyrights, and more than 90% patents have achieved results Transformation.



### 企业荣誉 Enterprise honor



公司拥有完善的产品质量检测体系，各种先进的仪器设备，技术过硬的品质检测人员，并通过了ISO9001，ISO14001，IATF16949等质量管理体系认证。从原料、制程及成品出库环节均有严格的检测，保证以优质的产品回报客户。

Our company have an integral inspection system on products quality, including the advanced equipment and skillful group of technician and the thoroughgoing quality control of the ISO9001, ISO14001 and IATF16949 system. We have the strictly quality control in every process from the raw material, production process and the final product inspection to assure to supply the qualified products to our customer.



部分非焊接用不锈钢牌号对照表

Comparison table of stainless steel type for general(non-welding)

牌号 TYPE	中国标准 GB/T 20878		美国标准 ASTM A959	日本标准 JIS G4303	国际标准 ISO/TS 15510	欧盟标准 EN 10088
	新牌号	旧牌号				
201	12Cr17Mn6Ni5N	1Cr17Mn6Ni5N	S20100,201	SUS201	X12CrMnNiN17-7-5	X12CrMnNiN17-7-5,1.4372
202	12Cr18Mn9Ni5N	1Cr18Mn9Ni5N	S20200,202	SUS203	-	X12CrMnNiN18-9-5,1.4373
301	12Cr17Ni7	1Cr17Ni7	S30110,301	SUS301	X5CrNi17-7	X3CrNi17-8,1.4319
302	12Cr18Ni9	1Cr18Ni9	S30200,302	SUS302	X10CrNi18-8	X10CrNi18-8,1.4310
303	Y12Cr18Ni9	Y1Cr18Ni9	S30300,303	SUS303	X10CrNiS18-9	X8CrNiS18-9,1.4305
303Cu	Y12Cr18Ni9Cu3	-	S30310	SUS303Cu	-	-
304	06Cr19Ni10	0Cr18Ni9	S30400,304	SUS304	X5CrNi18-10	X5CrNi18-10,1.4301
304L	022Cr19Ni10	00Cr19Ni10	S30403,304L	SUS304L	X2CrNi19-11	X2CrNi19-11,1.4306
304H	07Cr19Ni10	-	S30409,304H	SUH304H	X7CrNi18-9	X6CrNi18-10,1.4948
304N	06Cr19Ni10N	0Cr19Ni9N	S30451,304N	SUS304N1	X5CrNiN19-9	X5CrNiN19-9,1.4315
304HC	06Cr18Ni9Cu2	0Cr18Ni9Cu2	-	-	-	-
304HC3	06Cr18Ni9Cu3	0Cr18Ni9Cu3	-	SUSXM7	X3CrNi18-9-4	X3CrNi18-9-4
321	06Cr18Ni11Ti	0Cr18Ni10Ti	S32100,321	SUS321	X6CrNiTi18-10	X6CrNiTi18-10,1.4541
305	10Cr18Ni12	1Cr18Ni12	S30500,305	SUS3051	X6CrNi18-12	X4CrNi18-12,1.4303
308	06Cr20Ni11	-	S30800,308	SUS308	-	-
309	16Cr23Ni13	2Cr23Ni13	S30900,309	SUH309	-	X15CrNiSi20-12,1.4828
309S	06Cr23Ni13	0Cr23Ni13	S30908,309S	SUS309S	X12CrNi23-13	X12CrNi23-13,1.4833
310	20Cr25Ni20	2Cr25Ni20	S31000,310	SUH310	X15CrNi25-21	X15CrNi25-21,1.4821
310S	06Cr25Ni20	0Cr25Ni20	S31008,310S	SUS310S	X12CrNi23-12	X12CrNi23-12,1.4845
314	20Cr25Ni20Si2	2Cr25Ni20Si2	S31400	-	-	-
316	06Cr17Ni12Mo2	0Cr17Ni12Mo2	S31600,316	SUS316	X5CrNiMo17-12-2	X5CrNiMo17-12-2,1.4401
316L	022Cr17Ni12Mo2	00Cr17Ni14Mo2	S31603,316L	-	X2CrNiMo17-12-2	X2CrNiMo17-12-2,1.4404
316Ti	06Cr17Ni12Mo3Ti	0Cr18Ni12Mo3Ti	S31635,316Ti	SUS316Ti	X6CrNiMoTi17-12-2	X6CrNiMoTi17-12-2,1.4571
316Nb	06Cr17Ni12Mo2Nb	-	S31640,316Nb	-	X6CrNiMoNb17-12-2	X6CrNiMoNb17-12-2,1.4580
316N	06Cr17Ni12Mo2N	0Cr17Ni12Mo2N	S31651,316L	SUS316N	-	-
316LN	022Cr17Ni12Mo2N	00Cr17Ni13Mo2N	S31653,316LN	SUS316LN	X2CrNiMoN17-12-3	X2CrNiMoN17-13-3,1.4429
316LCU	022Cr17Ni12Mo	022Cr17Ni12Mo	-	SUS316J1L	-	-
316F	Y06Cr17Ni12Mo2	-	-	SUS316F	-	-
347	06Cr18Ni11Nb	0Cr18Ni11Nb	S34700,347	SUS347	X6CrNiNb18-10	X6CrNiNb18-10,1.4550
347H	07Cr18Ni11Nb	1Cr19Ni11Nb	S34709,347H	(SUS347H)	X7CrNiNb18-10	X7CrNiNb18-10,1.4912
2205	022Cr23Ni5Mo3N	-	S32205,2205	-	-	-
630	05Cr17Ni4Cu4Nb	0Cr17Ni4Cu4Nb	S17400,630	SUS630	X5CrNiCuNb16-4	X5CrNiCuNb16-4,1.4542
631	07Cr17Ni7A1	0Cr17Ni7A1	S17700,631	SUS631	X7CrNi17-7	X7CrNi17-7,1.4568
A286(SUH660)	06Cr15Ni25Ti2-MoA1VB	0Cr15Ni25Ti2-MoA1VB	S66286,660	SUH660	X6NiCrTiMoVB25-15-2	-
TBPS	Y022CR20MO2	-	-	SF20T	-	-
409	06Cr11Ti	06Cr11Ti	S40900,409	-	X2CrTi12	X2CrTi12,1.4516
409Ni	-	-	S40976,409Ni	-	-	-
410	12Cr13	1Cr13	S41000,410	SUS410	X12Cr13	X12Cr13,1.4006
410S	06Cr13	06Cr13	S41008,410S	SUS410S	X6Cr13	X6Cr13,1.4000
416	Y12Cr13	Y1Cr13	S41600,416	SUS416	X12CrS13	X12CrS13,1.4005
420	20Cr13	2Cr13	S42000,420	SUS420J1	X20Cr13	X20Cr13,1.4021
420F	Y30Cr13	Y3Cr13	S42020,420F	SUS420F	X29CrS13	X29CrS13,1.4029
3Cr13	30Cr13	3Cr13	S42000,420	SUS420J2	X30Cr13	X30Cr13,1.4028
4Cr13	40Cr13	4Cr13	-	-	X39Cr13	X39Cr13,1.4031
430	10Cr17	1Cr17	S43000	SUS430	X6Cr17	X6Cr17,1.4016
430F	Y10Cr17	Y1Cr17	S43020,430F	SUS430F	X7CrS17	X14CrMoS17,1.4104
439	022Cr18Ti	00Cr17	S43035,439	SUS430LX	X3CrTi17	X3CrTi17,1.4510
440C	102Cr17Mo	9Cr18Mo	S44004,440C	SUS440C	X105CrMo17	X105CrMo17,1.4125

部分焊接用不锈钢牌号对照表

Comparison table of stainless steel type for welding

牌号 TYPE	中国标准		美国标准 ASTM A959	日本标准 JIS G4303
	YB 标准	GB 标准		
ER304	06Cr19Ni10	-	-	-
ER307	H09Cr21Ni9Mn4Mo	307	ER307	307
ER307Si	H09Cr21Ni9Mn7Si	307Si	-	-
ER308	H06Cr21Ni10	308	ER308	308
ER308Si	H06Cr21Ni10Si	308Si	ER308Si	308Si
ER308H	H07Cr21Ni10Si	308H	ER308H	308H
ER308L	H022Cr21Ni10	308L	ER308L	308L
ER308LSi	H022Cr21Ni10Si1	308LSi	ER308LSi	-
ER308Mo	H06Cr20Ni11Mo2	308Mo	ER308Mo	308Mo
ER308LMo	H022Cr20Ni11Mo2	308LMo	ER308LMo	308LMo
ER309	H10Cr24Ni13	309	ER309	309
ER309Si	H10Cr24Ni13Si	309Si	ER309Si	309Si
ER309L	H022Cr24Ni13	309L	ER309L	309L
ER309LSi	H022Cr24Ni13Si	309LSi	ER309LSi	309LSi
ER309LMo	H022Cr24Ni13Mo2	309LMo	ER309LMo	309LMo
ER310	H11Cr26Ni21	310	ER310	310
ER310S	H106Cr26Ni21	310S	-	310S
ER316	H06Cr19Ni12Mo2	316	ER316	316
ER316Si	H06Cr19Ni12Mo2Si	316Si	ER316Si	316Si
ER316H	H07Cr19Ni12Mo2	316H	ER316H	316H
ER316L	H022Cr19Ni12Mo2	316L	ER316L	316L
ER316LSi	H022Cr19Ni12Mo2Si	316LSi	ER316LSi	316LSi
ER317	H06Cr19Ni14Mo3	317	ER317	317
ER317L	H022Cr19Ni14Mo3	317L	ER317L	317L
ER321	H06Cr19Ni10Ti	321	ER321	321
ER330	H21Cr16Ni35	330	ER330	330
ER347	H06Cr20Ni10Nb	347	ER347	347
ER347Si	H06Cr20Ni10NbSi	347Si	ER347Si	347Si
ER347L	H022Cr20Ni10Nb	347L	ER347L	347L
ER385	H019Cr20Ni25Mo4Cu	385	ER385	385
ER2209	H022Cr22Ni9Mo3N	2209	ER2209	2209
ER2594	H022Cr25Ni9Mo4N	2594	ER2594	-
ER630	H04Cr17Ni4Cu4Nb	630	ER630	630

### 不锈钢丝系列

#### Stainless Steel Wire Series

- ▶▶▶ 光亮面线 ( 电解抛光线 )  
Electro Polishing Quality(EPQ) Wire
- ▶▶▶ 网线、耐热编织线  
Weaving, Braiding Wire
- ▶▶▶ 冷打线 ( 螺丝线、钉线、钢球线等 )  
Cold Heading Wire
- ▶▶▶ 再伸线、退火软线  
Redrawing, Annealing Wire
- ▶▶▶ 弹簧线  
Spring Wire
- ▶▶▶ 异型钢丝线  
Shaping Wire
- ▶▶▶ 焊接材料用线  
Welding Wire
- ▶▶▶ 冷拔棒、磨光棒、抛光棒、异性棒  
CD Bar, CG Bar, CP Bar, SH Bar
- ▶▶▶ 笔尖用易切削不锈钢  
Free cutting stainless steel for nib
- ▶▶▶ 电磁阀用铁素体不锈钢  
Ferritic stainless steel for electromagnetic valve
- ▶▶▶ 铁铬铝电热合金不锈钢丝  
Fe Cr al electrothermal alloy stainless steel wire

#### 材质 ( Grade ) :

各种材质不锈钢 ( 200, 300, 400系列 )  
Stainless Steel Grade:200,300,400 series,etc.

#### 规格 ( Diameter ) :

0.10mm~25mm(0.004" ~1.00" )

### 光亮面线 ( 电解抛光线 ) Electro Polishing Quality(EPQ) Wire

适用牌号 \Grade:

304, 316, 304ES(T), 201CU, D668/204CU, D667/200CU, 430, 430LXJ1/160, 430LXJ2/180, 410, etc.

用途: 具有细致、光亮的表面,良好的成形性、弱磁性和不易开裂。电解抛光线大量应用于自行车配件,厨卫、食品、医疗器械:如自行车车篮、辐条、货架及支撑,厨卫物架或篮筐,烘烤箱内置钢架,宠物笼,医疗及食品相关器械配件等。

Application: With bright surface,slight magnetism and no cracks in forming,it is widely used in manufacturing bicycle fittings,kitchen and sanitation tools,goods shelf,pet cages,grill racks,decorative handles and baskets,food and medical machinery accessories,etc.

牌号 TYPE	化学成分 Chemical compisition %									
	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Others
316	0.08	1.00	2.00	0.045	0.030	10.00-14.00	16.0-18.0	2.0-3.0	-	-
304	0.08	1.00	2.00	0.045	0.030	8.00-10.00	18.0-20.0	-	-	-
304HC	0.08	1.00	2.00	0.045	0.030	8.00-10.00	18.0-20.0	-	1.0-3.0	-
304ES(T)	0.08	1.00	2.00-4.50	0.045	0.030	6.00-8.00	16.0-18.0	0.50	2.0-3.0	-
201CU	0.08	1.00	7.50-10.00	0.045	0.030	3.50-5.50	13.5-16.0	0.50	2.0-3.0	-
D668/204CU	0.12	1.00	11.00-15.00	0.045	0.030	1.50-2.50	12.5-14.0	0.60	1.5-2.5	-
D667/200CU	0.12	1.00	11.00-15.00	0.045	0.030	0.50-1.50	12.5-14.0	0.60	2.0-3.0	-
D669/201	0.12	1.00	13.00-16.00	0.045	0.030	0.30-1.50	10.5-14.0	-	0.4-1.2	-
410	0.15	1.00	1.00	0.040	0.030	-	11.5-13.5	-	-	-
430	0.12	0.75	1.00	0.045	0.030	-	16.0-18.0	-	-	-
430LXJ1/160	0.03	1.00	1.00	0.050	0.030	0.20-0.60	16.0-18.0	0.50	0.2-0.6	Nb: 0.3-0.7
430LXJ2/180	0.03	1.00	1.00	0.050	0.030	0.20-0.60	18.0-19.5	0.50	0.2-0.6	Nb: 0.3-0.7

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max.(Above tables)

直径 ( mm ) Diameter mm	牌号 TYPE	交货条件 delivery condition			
		软态 Soft	W2(1/8H)	1/4H	1/2H
0.60-0.99	316、304、304ES(T)、201CU	650-800	750-900	850-1000	1100-1400
	304HC	630-780	700-850	800-950	900-1100
	D669/201	700-950	850-1050	1000-1200	1200-1500
	D668/204CU、D667/200CU	680-850	820-1020	980-1200	1200-1500
	410、430、430LXJ1/160、430LXJ2/180	500-600	550-750	600-800	800-1000
1.00-3.49	316、304、304ES(T)、201CU	620-780	720-880	820-980	1050-1400
	304HC	600-750	680-820	780-920	850-1100
	D669/201	680-920	820-1020	980-1200	1200-1500
	D668/204CU、D667/200CU	650-820	780-1020	950-1100	1200-1500
	410、430、430LXJ1/160、430LXJ2/180	480-600	520-720	580-780	750-950
3.50-7.99	316、304、304ES(T)、201CU	600-750	700-850	800-950	1000-1300
	304HC	550-700	650-800	750-900	800-1050
	D669/201	650-900	800-1000	950-1050	1100-1400
	D668/204CU、D667/200CU	630-800	750-1000	920-1050	1100-1400
	410、430、430LXJ1/160、430LXJ2/180	450-600	500-720	550-750	700-900
8.00-15.00	316、304、304ES(T)、201CU	600-750	700-850	800-950	1000-1300
	304HC	520-650	600-750	700-900	800-1050
	D669/201	650-900	800-1000	950-1050	1000-1300
	D668/204CU、D667/200CU	630-800	750-1000	920-1050	1000-1300
	410、430、430LXJ1/160、430LXJ2/180	450-600	500-720	550-750	650-850

**网线、耐热编织线 Weaving Wire, Braiding Wire**

适用牌号 \Grade:  
 304, 304L, 304B/304C1, 304H, 304ES(T), 316, 316L, 321, 309S, 310S, 314, 347, 201CU, 631(J1), D668, etc.

用途: 不锈钢网线、编织线广泛用于编织普通网, 筛网及耐热输送网, 广泛应用于石油、化工、粉末冶金等诸多行业。  
**Application:** It can be used in weaving general nets, heat resistance belts, and also widely used for chemical, food processing, petroleum, kitchen utensils, paper and pulp and conveyer belt industries.

牌号	化学成分 Chemical composition %									
TYPE	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Others
316	0.08	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.00-3.00	-	-
316L	0.03	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.00-3.00	-	-
304	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	-	-
304HC	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	1.00-3.00	-
304L	0.03	1.00	2.00	0.045	0.030	8.0-11.0	18.0-20.0	-	-	-
304B	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	0.70-1.50	-
304ES(T)	0.08	1.00	2.00-4.50	0.045	0.030	6.0-8.0	16.0-18.0	0.50	2.00-3.00	N≤0.1
201CU	0.08	1.00	7.50-10.00	0.045	0.030	3.5-5.5	13.5-16.0	0.50	2.00-3.00	-
321	0.08	1.00	2.00	0.045	0.030	9.0-13.0	17.0-19.0	-	-	Ti≥5*C%
314	0.25	1.50-3.00	2.00	0.040	0.030	19.0-22.0	23.0-26.0	-	-	-
310S	0.08	1.50	2.00	0.045	0.030	19.0-22.0	24.0-26.0	-	-	-
309S	0.08	1.00	2.00	0.045	0.030	12.0-15.0	22.0-24.0	-	-	-
347	0.10	1.00	2.00	0.045	0.030	9.0-13.0	17.0-19.0	-	-	Nb: 8C-1.10
D668/204CU	0.12	1.00	11.00-15.00	0.045	0.030	1.6-2.5	12.5-14.0	0.60	1.50-2.50	N≤0.1
D667/200CU	0.12	1.00	11.00-15.00	0.045	0.030	0.5-1.5	12.5-14.0	0.60	1.50-2.50	-
430	0.12	0.75	1.00	0.045	0.030	-	16.0-18.0	-	-	-

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max. (Above tables)

直径 (mm) Diameter mm	牌号 TYPE	交货条件 Delivery condition	
		软态光亮 Soft bright	
0.60-0.99	316, 316L, 304, 304L, 321, 314, 310S, 309S, 347	650-800	
	304B, 201CU, 304ES(T)	630-780	
	304HC	600-750	
	D668/204CU, D667/200CU	680-850	
	430	500-600	
1.00-3.49	316, 316L, 304, 304L, 321, 314, 310S, 309S, 347	620-800	
	304B, 201CU, 304ES(T)	600-780	
	304HC	550-750	
	D668/204CU, D667/200CU	650-850	
	430	460-600	
3.50-10.00	316, 316L, 304, 304L, 321, 314, 310S, 309S, 347	600-800	
	304B, 201CU, 304ES(T)	580-780	
	304HC	520-720	
	D668/204CU, D667/200CU	620-820	
	430	450-600	

**冷打线 ( 螺丝线、钉线、钢球线 ) Cold heading Wire**

适用牌号 \Grade:  
 304HC, 304HCM, 304HC3, 302HQ/XM7, 305J1, 316LCU, 304ES(T), 201CU, D668/204CU, D667/200CU, 410, 420, 430, etc.

用途: 不锈钢冷打线, 主要应用于各种紧固件、基础件制造。如: 用作冷镦各类精密螺丝、螺栓或其它非标件; 也可制作铆钉、排钉、卷钉、机械零部件及电子应用零部件等。

**Application:** It is mainly used for various kinds of fasteners manufacturing, for example: precision screws, bolts and nuts etc. and also in manufacturing rivet, nail, staple, pins for construction and automotive.

牌号	化学成分 Chemical composition %									
TYPE	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Others
302HQ/XM7	0.08	1.00	2.00	0.045	0.030	8.5-10.5	17.0-19.0	-	3.0-4.0	-
304HC3	0.04	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	3.0-4.0	-
304HCM	0.08	1.00	2.00	0.045	0.030	8.0-10.0	17.0-19.0	-	2.5-4.0	-
304HC	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	1.0-3.0	-
304HC1	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	1.2-2.0	-
304B	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	0.6-1.2	-
304	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	-	-
316LCU	0.03	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.0-3.0	2.0-3.0	-
316L	0.03	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.0-3.0	-	-
316	0.08	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.0-3.0	-	-
304ES(T)	0.08	1.00	2.00-4.50	0.045	0.030	6.0-8.0	16.0-18.0	0.5	2.0-3.0	-
201CU	0.08	1.00	7.50-10.00	0.045	0.030	3.5-5.5	13.5-16.0	0.5	2.0-3.0	-
D668/204CU	0.12	1.00	11.00-15.00	0.045	0.030	1.6-2.5	12.5-14.0	0.6	1.5-2.5	-
D667/200CU	0.12	1.00	11.00-15.00	0.045	0.030	0.5-1.5	12.5-14.0	0.6	1.5-2.5	-
410	0.15	1.00	1.00	0.040	0.030	-	11.5-13.5	-	-	-
430	0.12	0.75	1.00	0.045	0.030	-	16.0-18.0	-	-	-
A286(SUH660)	0.08	1.00	2.00	0.040	0.030	24.0-27.0	13.5-16.0	1.0-1.5	-	Ti: 1.90-2.35 Al: ≤0.35 V: 0.10-0.50 B: 0.001-0.010

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max. (Above tables)

直径 (mm) Diameter mm	牌号 TYPE	交货条件 delivery condition			
		软态 Soft	轻拉 Slight drawing	级别 700 Grade 700	级别 800 Grade 800
0.60-0.99	302HQ/XM7, 304HC3, 304HCM	550-700	580-650	-	-
	304HC, 304HC1, 316LCU	550-700	580-700	-	-
	304B, 304, 316, 316L, 304ES(T), 201CU, A286(SUH660)	600-750	630-780	-	-
	D668/204CU, D667/200CU	700-850	750-900	-	-
	410, 430	500-650	530-680	-	-
1.00-3.49	302HQ/XM7, 304HC3, 304HCM	500-700	550-650	680-750	780-850
	304HC, 304HC1, 316LCU	520-720	580-780	680-750	780-850
	304B, 304, 316, 316L, 304ES(T), 201CU, A286(SUH660)	550-750	600-800	680-750	780-850
	D668/204CU, D667/200CU	650-850	700-900	-	-
	410, 430	480-650	500-680	-	-
3.50-7.99	302HQ/XM7, 304HC3, 304HCM	480-620	520-650	680-750	780-850
	304HC, 304HC1, 316LCU	500-650	550-650	680-750	780-850
	304B, 304, 316, 316L, 304ES(T), 201CU, A286(SUH660)	550-750	600-800	680-750	780-850
	D668/204CU, D667/200CU	650-850	700-900	-	-
	410, 430	450-600	500-680	-	-
8.00-15.00	302HQ/XM7, 304HC3, 304HCM	480-620	520-650	680-750	780-850
	304HC, 304HC1, 316LCU	500-650	550-650	680-750	780-850
	304B, 304, 316, 316L, 304ES(T), 201CU, A286(SUH660)	550-750	600-800	680-750	780-850
	D668/204CU, D667/200CU	650-850	700-900	-	-
	410, 430	450-600	500-680	-	-

### 再伸线、退火软线 Redrawing, Annealing Wire

适用牌号 \Grade:  
 304, 304M, 304L, AISI304L, 302, 304H, 321, 316, 316L, AISI316L, 347, 430, 430LXJ1/160, 430LXJ2/180, etc.

用途: 为下游企业提供中间母线, 用以生产极细线、细弹簧线、针灸线或压轧异形线。  
 Application: Supplying good elongation genatrix for other manufactures in the lines of filament drawing, producing fine spring wire, acupuncture wire and pressed wires, etc.

牌号 TYPE	化学成分 Chemical compisition %									
	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Others
316	0.08	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.0-3.0	-	-
316L	0.03	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.0-3.0	-	-
SUS316L	0.03	1.00	2.00	0.045	0.030	12.0-15.0	16.0-18.0	2.0-3.0	-	-
302	0.15	1.00	2.00	0.045	0.030	8.0-10.00	17.0-19.0	-	-	-
304	0.08	1.00	2.00	0.045	0.030	8.0-10.00	18.0-20.0	-	-	-
304L	0.03	1.00	2.00	0.045	0.030	8.0-11.00	18.0-20.0	-	-	-
SUS304L	0.03	1.00	2.00	0.045	0.030	9.0-13.00	18.0-20.0	-	-	-
304H	0.04-0.10	1.00	2.00	0.045	0.030	8.0-10.00	18.0-20.0	-	-	-
304M	0.06	1.00	2.00	0.045	0.030	9.0-10.00	18.0-20.0	-	-	-
321	0.08	1.00	2.00	0.045	0.030	9.0-13.00	17.0-19.0	-	-	Ti≥5*C%
347	0.10	1.00	2.00	0.045	0.030	9.0-13.00	17.0-19.0	-	-	Nb: 8C-1.10
430	0.12	0.75	1.00	0.045	0.030	-	16.0-18.0	-	-	-
430LXJ1/160	0.03	1.00	1.00	0.050	0.030	0.20-0.60	16.0-18.0	0.5	0.20-0.60	Nb: 0.3-0.7
430LXJ2/180	0.03	1.00	1.00	0.050	0.030	0.20-0.60	18.0-19.5	0.5	0.20-0.60	Nb: 0.3-0.7

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max.(Above tables)

直径 (mm) Diameter mm	牌号 TYPE	交货条件 Delivery condition
		柔软无光泽表面 Soft matt surface
0.60-0.99	316, 316L, SUS316L, 304, 304L, SUS304L, 304M, 321, 347	600-800
	302, 304H	700-900
	430, 430LXJ1/160, 430LXJ2/180	500-600
1.00-3.49	316, 316L, SUS316L, 304, 304L, SUS304L, 304M, 321, 347	580-780
	302, 304H	680-880
	430, 430LXJ1/160, 430LXJ2/180	480-600
3.50-7.99	316, 316L, SUS316L, 304, 304L, SUS304L, 304M, 321, 347	550-750
	302, 304H	680-880
	430, 430LXJ1/160, 430LXJ2/180	460-600
8.00-15.00	316, 316L, SUS316L, 304, 304L, SUS304L, 304M, 321, 347	550-750
	302, 304H	650-850
	430, 430LXJ1/160, 430LXJ2/180	450-600

### 弹簧线 Spring Wire

适用牌号 \Grade:  
 302; 304; 304H; 321; 316; 347; 631J1; etc

用途: 按 JIS 标准生产, 其稳定的线性, 优异的矫直与弹高、弹宽, 便于自动卷取, 作绕制各类精密弹簧挂具。  
 Application: Produced in accordance with the specification of JIS, with stable linearity and excellent cast and helix, it can be widely used for rolling various precision springs.

牌号 TYPE	化学成分 Chemical compisition %									
	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Others
316	0.08	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.0-3.0	-	-
302	0.15	1.00	2.00	0.045	0.030	8.0-10.0	17.0-19.0	-	-	-
304	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	-	-
304H	0.04-0.10	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	-	-
321	0.08	1.00	2.00	0.045	0.030	9.0-13.0	17.0-19.0	-	-	Ti≥5*C%
347	0.10	1.00	2.00	0.045	0.030	9.0-13.0	17.0-19.0	-	-	Nb: 8C-1.10
631(J1)	0.09	1.00	1.00	0.040	0.030	6.50-8.50	16.0-18.0	-	-	Al: 0.75-1.5

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max.(Above tables)  
 注: 交货条件和机械性能符合 JIS\ASTM\ DIN\GB 标准。 Delivery condition and Mechanical properties follow JIS\ASTM\ DIN\GB standard

### 异型线 Shaping Wire

适用牌号 \Grade:  
 201; 202; 304; 304H; 302; 303CU; 316; etc

用途: 可广泛使用于各种不同的异形用线产品, 如扁丝被广泛用作生产汽车雨刮器、胸罩线、耳机线及纺织业片棕等。  
 Application: Being apt for forming and machining, our shaped wire is widely used for various profiling wire such as brassiere wire, watchbands, earphone frames, filter, etc.

牌号 TYPE	化学成分 Chemical compisition %									
	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Others
316	0.08	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.0-3.0	-	-
302	0.15	1.00	2.00	0.045	0.030	8.0-10.0	17.0-19.0	-	-	-
304	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	-	-
304H	0.06-0.10	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	-	-
201	0.15	1.00	5.50-7.50	0.060	0.030	3.5-5.5	16.0-18.0	-	-	N≤0.25
202	0.15	1.00	7.50-10.00	0.060	0.030	4.0-6.0	17.0-19.0	-	-	N≤0.25
303CU	0.15	1.00	2.00	0.045	≥0.15	8.0-10.0	17.0-19.0	0.60	1.5-3.5	-

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max.(Above tables)

### 不锈钢熔化极惰性气体保护实芯焊丝 (MIG)

常用材质: ER307Si、ER308、ER308L、ER308LSi、ER309L、ER309LSi、ER316L、ER316LSi、ER310、ER321、ER347、ER410、ER430、ER430LNb、ER630、ER2209、ER304

线径规格:  $\Phi 0.8\text{mm}-\Phi 1.6\text{mm}$  包装方式: 1kg/盒、5kg/盒、15kg/盒、20kg/盒、100kg/桶、200kg/桶

### 不锈钢埋弧焊丝 (SAW)

常用材质: ER308、ER308L、ER309L、ER310、ER316L、ER321、ER347、ER2209、ER304、ER410、ER430

线径规格:  $\Phi 1.6\text{mm}-\Phi 4.0\text{mm}$  包装方式: 25kg/盒

### 不锈钢氩弧焊丝 (TIG)

常用材质: ER308、ER308L、ER309L、ER310、ER316L、ER321、ER347、ER410、ER430LNb、ER630、ER2209、ER304

线径规格:  $\Phi 0.8\text{mm}-\Phi 5.0\text{mm}$  包装方式: 5kg/盒

### 不锈钢焊条芯线 (COR)

常用材质: ER308、ER308L、ER309、ER309L、ER310、ER316L、ER410、ER410L、ER430L、ER304

线径规格:  $\Phi 1.6\text{mm}-\Phi 5.0\text{mm}$  包装方式: 100kg/卷、400kg/桶

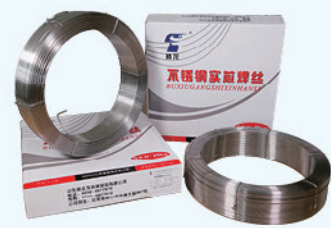
### 不锈钢焊丝母线及半成品 (ANW、BMG、BTG)

常用材质: ER307Si、ER308、ER308L、ER308LSi、ER309L、ER309LSi、ER316L、ER316LSi、ER310、ER321、ER347、ER347L、ER2209、ER304

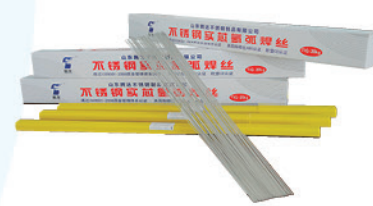
线径规格:  $\Phi 1.5\text{mm}-\Phi 5.0\text{mm}$  包装方式: 100kg/卷、200kg/桶、400kg/桶



MIG



SAW



TIG



COR



ANW/BMG/BTG

### MIG/TIG/BMG/BTG/ANW(MIG/TIG 焊丝 / 半成品 MIG/TIG 焊丝 / 退火软线)

序号	牌号	化学成分 Chemical composition %									用途 Application
		C	Si	Mn	P	S	Cr	Ni	Mo	Cu	
1	304	0.08	1.00	2.00	0.05	0.01	18.00~20.00	8.00~11.00	-	0.75	主要成分 18Cr-8Ni,
2	307Si	0.04~0.14	0.65~1.00	6.50~8.00	0.03	0.03	18.50~22.00	8.00~10.75	0.75	0.75	主要成分 48Cr-8Ni-6Mn, 适用于核潜艇。防弹钢板等需要无磁性的特殊场合, 也可用于难焊且易开裂的异种钢材焊接。
3	307Ti	0.10	0.30~1.00	5.00~8.00	0.035	0.025	18.00~20.00	8.00~10.00	0.40	0.40	主要成分 18Cr-8Ni-6Mn-Ti, 在 ER307 的基础上添加了 Ti 元素, 有效改善耐腐蚀性能, 尤其是抗晶间腐蚀性能。
4	308	0.08	0.30~0.65	1.00~2.50	0.03	0.03	19.50~22.00	9.00~11.00	0.75	0.75	主要成分 18Cr-8Ni, 适用于石油化工、压力容器、食品机械、医疗器械等相关产业。
5	308L	0.03	0.30~0.65	1.00~2.50	0.03	0.03	19.50~22.00	9.00~11.00	0.75	0.75	主要成分低 C-18Cr-8Ni, 适用于 18Cr-8Ni 型低碳不锈钢的化工、压力容器、食品机械、化肥等设备的焊接。
6	308LSi	0.03	0.65~1.00	1.00~2.50	0.03	0.03	19.50~22.00	9.00~11.00	0.75	0.75	主要成分低 C-18Cr-8Ni, 添加了 Si 元素, 铁水流动性佳, 焊缝成形美观, 适用于高速焊接。
7	308H	0.04~0.08	0.65	1.00~2.50	0.03	0.03	19.50~22.00	9.00~11.00	0.05	0.75	主要成分高 C-18Cr-8Ni, 含 C 量在 0.04~0.08%, 适用于焊接 304H 的母材, 可提供较高的高温强度。
8	309L	0.03	0.30~0.65	1.00~2.50	0.03	0.03	23.00~25.00	12.00~14.00	0.75	0.75	主要成分低 C-22Cr-12Ni, 与 ER309 相同, 适用于碳钢或低合金钢过渡层打底焊接或其他异材焊接。
9	309LSi	0.03	0.65~1.00	1.00~2.50	0.03	0.03	23.00~25.00	12.00~14.00	0.75	0.75	主要成分低 C-22Cr-12Ni, 铁水流动性佳, 焊缝成形美观, 适用于高速焊接, 其他异材焊接。
10	309Mo	0.12	0.65	1.00~2.50	0.03	0.03	23.00~25.00	12.00~14.00	2.00~3.00	0.75	主要成分 22Cr-12Ni-Mo, 添加了 Mo 元素, 主要抗腐蚀性在母材表面进行堆焊, 还用于 ER316 或 ER347 填充金属多层堆焊的第一层堆焊。
11	309LMo	0.03	0.65	1.00~2.50	0.03	0.03	23.00~25.00	12.00~14.00	2.00~3.00	0.75	主要成分低 C-22Cr-12Ni-Mo, 添加了 Mo 元素, 与 ER309 相同, 低的碳含量减少碳化铬沉淀的可能性, 提高抗晶间腐蚀性能, 适用于碳钢或低合金钢过渡层打底焊接或其他异材焊接。
12	310	0.08~0.15	0.30~0.65	1.00~2.50	0.03	0.03	25.00~28.00	20.00~22.50	0.75	0.750	主要成分 25Cr-20Ni, 适用于耐高温产品如高温炉、煤炭焦化设备。
13	312	0.15	0.65	1.00~2.50	0.03	0.03	28.00~32.00	8.00~10.50	0.75	0.75	主要成分 30Cr-9Ni, 高的 Cr 含量具有良好的抗腐蚀性, 高的铁素体具有优异的抗裂性, 适用于异材焊接或过渡层打底焊接。
14	316L	0.03	0.30~0.65	1.00~2.50	0.03	0.03	18.00~20.00	11.00~14.00	2.00~3.00	0.75	主要成分低 C-18Cr-12Ni-2Mo, 由于碳含量低, 减少晶间腐蚀的可能性, 耐腐蚀性能优异, 适用于化肥、尿素、石油化工生产或储存设备。
15	316LSi	0.03	0.65~1.00	1.00~2.50	0.03	0.03	18.00~20.00	11.00~14.00	2.00~3.00	0.75	主要成分低 C-18Cr-12Ni-2Mo, 添加了 Si 元素, 铁水流动性佳, 焊缝成形美观, 适用于高速焊接。
16	316H	0.04~0.08	0.65	1.00~2.50	0.03	0.03	18.00~20.00	11.00~14.00	2.00~3.00	0.75	主要成分高 C-18Cr-12Ni-2Mo, 含 C 量在 0.04~0.08%, 适用于焊接 316H 的母材, 可提供较高的高温强度。
17	317L	0.03	0.65	1.00~2.50	0.03	0.03	18.50~20.50	13.00~15.00	3.40~4.00	0.75	主要成分低 C-18Cr-12Ni-3Mo, 适用于化肥、尿素、石油化工生产或储存设备的高耐腐蚀结构。
18	321	0.08	0.65	1.00~2.50	0.03	0.03	18.50~20.50	9.00~10.50	0.75	0.75	主要成分 18Cr-8Ni-Ti, 添加了 Ti 元素, 减少晶间碳化铬沉淀, 故抗晶间腐蚀性能优异, 常用于食品机械、医疗器械、石油化工等场合。
19	347	0.08	0.65	1.00~2.50	0.03	0.03	19.00~21.50	9.00~11.00	0.75	0.75	主要成分 19Cr-11Ni-Nb, 添加了 Nb 元素, 减少晶间碳化铬沉淀可能性, 抗晶间腐蚀性能优异, 常用于食品机械、石油化工等场合。
20	347L	0.03	0.65	1.00~2.50	0.03	0.03	19.00~21.50	9.00~11.00	0.75	0.75	主要成分低 C-19Cr-11Ni-Nb, 低 C 以及添加了 Nb 元素, 抗晶间腐蚀性能更优异。
21	347H	0.04~0.1	1.00	2.00	0.05	0.01	17.00~19.00	9.00~12.00	-	-	主要成分 19Cr-11Ni-Nb, 含 C 量在 0.04~0.08%, 可提供较高的高温强度。
22	385	0.03	0.50	1.00~2.50	0.02	0.03	19.50~21.50	24.00~26.00	4.20~5.20	1.20~2.00	主要成分 20Cr-25Ni-5Mo-2Cu, 适用于焊接装运硫酸或含有许多氯化物介质的塔、槽、管道以及储运容器。
23	410	0.12	0.50	0.60	0.03	0.03	11.50~13.50	0.60	0.75	0.75	主要成分 13Cr, 为马氏体不锈钢焊丝, 适用于阀门等堆焊耐蚀场合。
24	410NiMo	0.06	0.50	0.60	0.03	0.03	11.00~12.50	4.00~5.00	0.40~0.70	0.75	主要成分 13Cr-4Ni-0.5Mo, 添加了 Ni 和 Mo, 强度和硬度较 410 高, 可用于更苛刻的耐腐场合, 适用于水电站、阀门耐腐耐湿等场合。
25	430	0.10	0.50	0.60	0.03	0.03	15.50~17.00	0.60	0.75	0.75	主要成分 17Cr, 为铁素体不锈钢焊丝, 适用于 17Cr 型不锈钢的焊接, 也可用于制造耐氧化、耐腐蚀设备等焊接。
26	430LNb	0.03	0.50	0.60	0.03	0.03	15.50~17.00	0.60	0.75	0.75	主要成分为 17Cr, 为铁素体不锈钢焊丝, 添加了 Nb 元素, 耐蚀性能有所提高, 主要用于消音系统的焊接。
27	NiCrMo-3	0.10	0.50	0.50	0.02	0.02	20.00~23.00	$\geq 58.00$	8.00~10.00	-	Fe 含量不超过 5% 主要成分 61Ni-22Cr-9Mo-3.5Nb+Ta, 适用于镍铬钼系合金焊接, 可用于异材焊接或其他表面堆焊
28	630	0.05	0.75	0.25~0.75	0.03	0.03	16.00~16.75	4.50~5.00	0.75	3.25~4.00	主要成分为 17Cr-4Ni-4Cu-Nb, 为沉淀硬化型不锈钢焊丝, 常应用于高尔夫球头的焊接。
29	2205	0.03	1.00	2.00	0.03	0.01	22.00~23.00	4.50~6.50	3.00~3.50	-	主要成分 22Cr-5Ni-3Mo-N, 为奥氏体-铁素体双相不锈钢, 兼有奥氏体和铁素体不锈钢的综合性能。
30	2209	0.03	0.90	0.50~2.00	0.03	0.03	21.50~23.50	7.50~9.50	2.50~3.50	0.75	主要成分 22Cr-9Ni-3Mo-N, 为奥氏体-铁素体双相不锈钢焊丝, 兼有奥氏体和铁素体不锈钢的综合性能, 常用于石油化工等行业。
31	2594	0.03	1.00	2.50	0.03	0.02	24.00~27.00	8.00~10.50	2.50~4.50	1.50	用于石化、船舶等行业, 用来焊接超低碳双相不锈钢, 也用来焊接碳钢和低合金钢到双相不锈钢, 尤其适用于管子的根部焊接

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max.(Above tables)

**冷拔棒、磨光棒、抛光棒、异性棒 CD Bar, CG Bar, CP Bar, SH Bar**

适用于牌号 \Grade: 304; 303; 303C; 303F; 316; 410; 420; 420F; 416; 430; 430F; etc.

线径 Diameter: 2.0-25.0mm 长度 Length: Max.3.5meters

用途: 通常用于不锈钢轴、削/销、五金等的生产  
 Application: Used chiefly on production of stainless steel axis and hardwares.

牌号 TYPE	化学成分 Chemical compisition %									
	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Others
316	0.08	1.00	2.00	0.045	0.030	10.0-14.0	16.0-18.0	2.00-3.00	-	-
304	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	-	-
304B/304C1	0.08	1.00	2.00	0.045	0.030	8.0-10.0	18.0-20.0	-	0.70-1.50	-
304ES(T)	0.12	1.00	2.00-4.50	0.045	0.030	6.0-8.0	16.0-18.0	0.50	2.00-3.00	N≤0.1
201CU	0.12	1.00	7.50-10.00	0.045	0.030	3.5-5.5	13.5-16.0	0.50	2.00-3.00	N≤0.1
D667/200CU	0.12	1.00	11.00-15.00	0.045	0.030	0.5-1.50	12.5-14.0	0.60	1.50-2.50	N≤0.1
D668/204CU	0.12	1.00	11.00-15.00	0.045	0.030	1.6-2.5	12.5-14.0	0.60	1.50-2.50	N≤0.1
303	0.15	1.00	2.00	0.045	≥0.150	8.0-10.0	17.0-19.0	0.60	-	-
303CU	0.15	1.00	3.00	0.045	≥0.150	8.0-10.0	17.0-19.0	0.60	1.50-3.50	-
303F	0.08	1.00	2.00	0.045	0.250-0.350	8.0-10.0	17.0-19.0	0.60	0.50-1.00	-
410	0.15	1.00	1.00	0.040	0.030	-	11.5-13.5	-	-	-
416	0.15	1.00	1.25	0.060	≥0.150	-	12.0-14.0	-	-	-
420	0.16-0.25	1.00	1.00	0.040	0.030	-	12.0-14.0	-	-	-
420F	0.26-0.35	1.00	1.25	0.060	≥0.150	-	12.0-14.0	-	-	-
430F	0.12	1.00	1.25	0.060	≥0.150	-	16.0-18.0	-	-	-
A286(SUH660)	0.08	1.00	2.00	0.040	0.030	24.0-27.0	13.5-16.0	1.00-1.50	-	Ti:1.90-2.35 Al:≤0.35 V:0.10-0.50 B:0.001-0.010

注: 以上表格中, 单一值表示最大值。 NOTE: The single value represents the max.(Above tables)

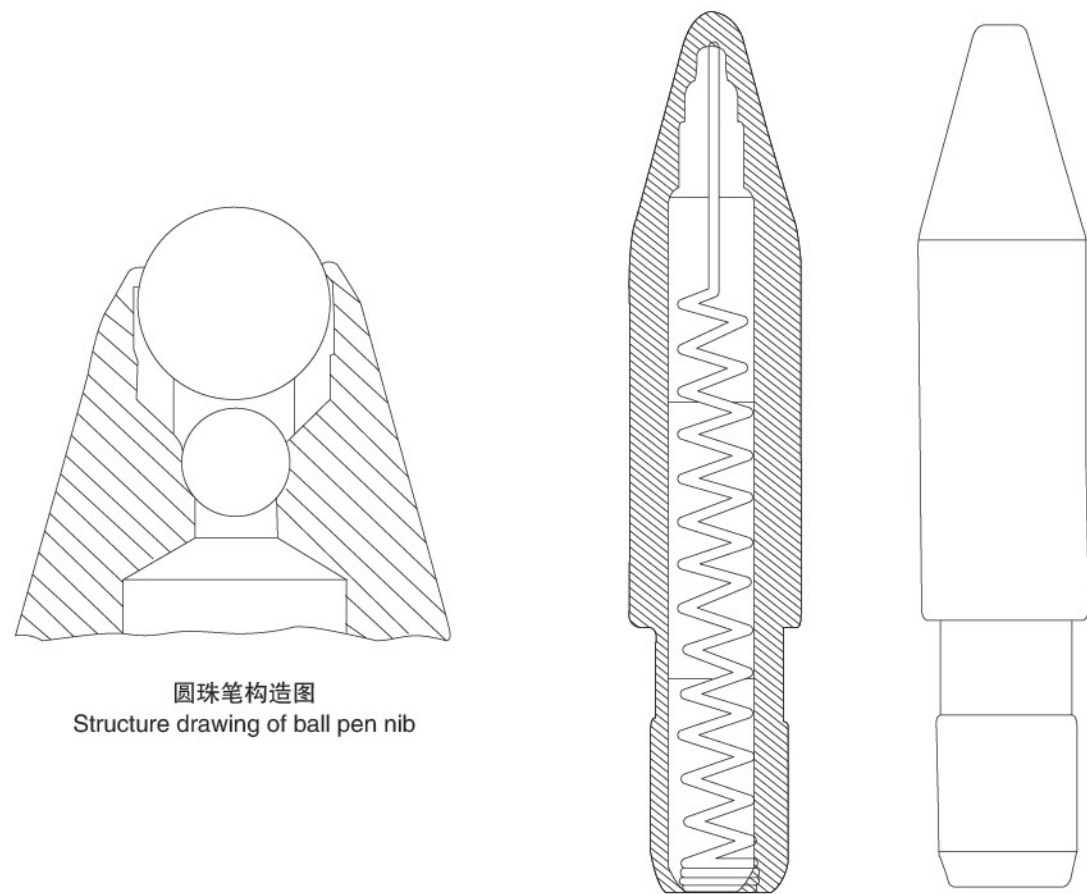
直径 (mm) Diameter mm	牌号 TYPE	交货条件 Delivery condition
1.20-3.49	316、304、304L、304B、303、303CU、303F、A286(SUH660)	800-1000
	304ES(T)、201CU	780-980
	D668/204CU、D667/200CU	900-1100
	410、416、420、420F、430F	650-850
3.50-7.99	316、304、304L、304B、303、303CU、303F、A286(SUH660)	750-950
	304ES(T)、201CU	720-920
	D668/204CU、D667/200CU	850-1050
	410、416、420、420F、430F	600-800
8.00-15.00	316、304、304L、304B、303、303CU、303F、A286(SUH660)	700-900
	304ES(T)、201CU	680-880
	D668/204CU、D667/200CU	800-1000
	410、416、420、420F、430F	580-800

**笔尖用易切削不锈钢 Free cutting stainless steel for nib**

用途: 主要用于圆珠笔笔头的生产加工, 材料具有良好的易车削性能、耐磨、耐腐蚀性能。  
 Application: It is mainly used in the production and processing of ball-point pen tips. The material has good easy turning performance, wear resistance and corrosion resistance.

牌号 TYPE	化学成分 Chemical compisition %									
TYPE	C	Si	Mn	P	S	Cr	Mo	Te	Pb	Others
TBPS	≤0.05	≤1.00	≤2.00	≤0.05	≥0.15	19.00-21.00	1.50-2.50	0.01-0.07	<0.1	-
TBPS-E	≤0.05	≤1.00	≤2.00	≤0.05	≥0.15	19.00-21.00	1.50-2.50	0.01-0.07	0.10-0.30	-

牌号 TYPE	抗拉强度 Rm/MPa	延伸率 EL	维氏硬度 HV0.5	晶粒度横向 Transverse grain size	晶粒度纵向 Longitudinal grain size	析出相
TBPS	760-800	3-6	250-280	10-10.25	10.5-12.5	电子显微镜下检查, 不得有成簇分布的碳化物, 电镜 2000 倍允许有少量弥散碳化物
TBPS-E	≥750	2-4.5	240-280	≥9	≥9	电子显微镜下检查, 不得有成簇分布的碳化物, 电镜 2000 倍允许有少量弥散碳化物



**电磁阀用铁素体不锈钢 Ferritic stainless steel for electromagnetic valve**

用途：主要用于电磁阀里面的静铁芯和动铁芯，材料具有良好的车加工性能、磁性能、耐腐蚀性能。  
 Application: Mainly used in the solenoid valve inside the static core and moving core, the material has good processing performance, magnetic properties, corrosion resistance.

牌号	化学成分 Chemical composition %								
TYPE	C	Si	Mn	P	S	Cr	Mo	Pb	Others
00Cr13Si2 (JB-J6)	0.035	1.00-2.20	0.50	0.035	0.035	13.0-15.0	0.20-0.70	-	-
00Cr13Si2S	0.035	1.00-2.20	1.00	0.035	0.100-0.200	12.0-15.0	0.20-0.70	-	-
00Cr13Si2Pb	0.035	1.00-2.20	0.50	0.035	0.035	13.0-15.0	0.20-0.70	0.10-0.30	-
0Cr15Si2PbS	0.080	1.00-2.20	0.60	0.040	0.060-0.130	13.5-16.0	0.20-0.70	0.08-0.25	-
0Cr17Si2	0.080	1.00-2.00	0.50	0.035	0.040	16.0-18.0	0.60	-	-
0Cr17Si2Pb	0.080	1.00-2.00	0.50	0.035	0.040	16.0-18.0	0.60	0.10-0.30	-
00Cr18Si2Mo2 (430FRC)	0.035	1.00-2.00	0.50	0.030	0.040	16.5-18.5	1.00-2.00	-	-
00Cr17Si2S (430FR)	0.040	1.00-1.50	1.00	0.040	0.150-0.350	16.0-18.0	0.20-0.60	-	-

注：以上表格中，单一值表示最大值。 NOTE: The single value represents the max.(Above tables)

牌号	相关性能指标 Related performance index				
TYPE	抗拉强度 Rm MPa	硬度 HB	磁感应强度 Bm T	剩余磁感应强度 Br T	矫顽力 Hc A/m
00Cr13Si2(JB-J6)	≥410	160-220	≥0.95	≤0.5	≤400
00Cr13Si2S	≥410	160-220	≥0.95	≤0.5	≤400
00Cr13Si2Pb	≥410	160-220	≥0.95	≤0.5	≤400
0Cr15Si2PbS	≥420	170-230	≥0.95	≤0.5	≤400
0Cr17Si2	≥420	170-230	≥0.95	≤0.5	≤400
0Cr17Si2Pb	≥420	170-230	≥0.95	≤0.5	≤400
00Cr18Si2Mo2(430FRC)	≥420	170-230	≥0.95	≤0.5	≤400
00Cr17Si2S(430FR)	≥420	170-230	≥0.95	≤0.5	≤400

**铁铬铝电热合金不锈钢丝 Fe Cr Al electrothermal alloy stainless steel wire**

用途：主要用于冶金机械、医疗、石油化工、陶瓷、电子、电器、玻璃等工业加热设备和民用加热器具。材料具有较高的电阻率和使用温度，具有良好的耐高温性能和抗氧化性能。  
 Application: Mainly used in metallurgical machinery, medical, petrochemical, ceramics, electronics, electrical appliances, glass and other industrial heating equipment and civil heating appliances. The material has high resistivity and service temperature, good high temperature resistance and oxidation resistance.

牌号	化学成分 Chemical composition %								
TYPE	C	Si	Mn	P	S	Cr	Al	Ni	Others
1Cr13Al4	0.12	0.70	0.50	0.025	0.20	12.0-15.0	4.0-6.0	0.60	-
0Cr20Al3	0.08	0.70	0.50	0.025	0.20	18.0-21.0	3.0-4.2	0.60	-
0Cr23Al5	0.06	0.60	0.50	0.025	0.20	20.5-23.5	4.2-5.3	0.60	-
0Cr20Al6RE	0.04	0.40	0.50	0.025	0.20	19.0-21.0	5.0-6.0	0.60	-
0Cr25Al5	0.06	0.60	0.50	0.025	0.20	23.0-26.0	4.5-6.5	0.60	-

注：以上表格中，单一值表示最大值。 NOTE: The single value represents the max.(Above tables)

牌号	相关性能指标 Related performance index						
TYPE	抗拉强度 Rm MPa	延伸率 %	电阻率 $\mu\Omega\cdot m, (20^\circ C)$	快速寿命 h/°C	比热 J/g·°C	导热系数 KJ/m.h·°C	线胀系数 $10^{-6}/K (20-1000^\circ C)$
1Cr13Al4	≥580	≥12	1.25±0.08	≥80/1250	0.49	15	15.4
0Cr20Al3	≥580	≥12	1.23±0.07	≥80/1250	0.49	13	13.5
0Cr23Al5	≥580	≥12	1.35±0.06	≥80/1300	0.46	13	15.0
0Cr20Al6RE	≥580	≥12	1.40±0.07	≥80/1300	0.48	13	14.0
0Cr25Al5	≥580	≥12	1.42±0.07	≥80/1300	0.46	13	15.0

# 腾龙 不锈钢紧固件 (核电紧固件指定供应商)

**TENGLONG stainless steel fasteners (Designated supplier of nuclear fasteners)**

**材质(material):**

304, 316, etc.

**非标件 (Non-standard Parts):**

我们可以根据客户需求来制作特定产品。  
 Special products we can produce according to your requirements.

**产品标准(Standards):**

DIN, JIS, ANSI, ISO, GB, IFI, BSW, etc



上列图形和文字均是腾龙精线集团拥有的在第6类注册的商标，用于腾龙精线集团有限公司旗下的不锈钢紧固件产品。

The graphics and text above are the trademarks registered in class six for the stainless fastener product, which belong to China TENGLONG GROUP.

**(冷锻工艺)**  
 COLD FORMING

- 外六角螺栓  
HEX HEAD BOLTS
- 螺母  
NUTS
- 内六角螺栓  
HEXAGON SOCKET HEAD CAP SCREWS
- 牙条/牙棒  
THREADED STUD
- 机械螺钉  
MACHINE SCREWS
- 钻尾螺钉  
SELF DRILLING SCREWS
- 自攻螺钉  
TAPPING SCREWS
- 马车螺栓  
CARRIGE BOLTS
- 膨胀螺栓  
ANCHOR BOLTS
- 垫圈  
WASHERS
- 非标冲压件  
SPECIAL WASHERS

**(热锻工艺)**  
 HOT FORMING

- 螺栓  
BOLTS
- 螺母  
NUTS
- 内六角  
HEXAGON SOCKET
- 牙条  
THREADED STUD
- 螺柱  
DOUBLE-SCREW BOLT
- 特种件  
SPECIAL PARTS

## 紧固件产品图示 FASTENER INTRODUCTION

产品名称 / PRODUCT	标准 / STANDARD
外六角螺栓 HEX HEAD BOLTS	DIN, JIS, ANSI, ISO, GB, BSW, etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE: M5-M24 INCH SIZE: 1/4-1"	LENGTH: 10MM-M200 (冷锻) LENGTH: 1/2-7" (冷锻)
METRIC SIZE: M24-M56 INCH SIZE: 1-1/4 以上	LENGTH: 30MM 以上 (热锻) LENGTH: 1" 以上 (热锻)



产品名称 / PRODUCT	标准 / STANDARD
螺母 NUTS	DIN, JIS, ANSI, ISO, GB, BSW, etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE: M3-M24 METRIC SIZE: M27-M56	INCH SIZE: 1/4-1" (冷锻) INCH SIZE: 1-1/4-2" (热锻)



产品名称 / PRODUCT	标准 / STANDARD
牙条牙棒 THREAD RODS AND STUDS	DIN, JIS, ISO, GB, BSW, IFI, etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE: M5-M24 LENG TH: 1/4-3/4 METRIC SIZE: M24-M56 INCH SIZE: 7/8-2"	LENG TH: 20MM-6M LENG TH: 3/4"-12" LENGTH: 30MM 以上 LENGTH: 1" 以上



产品名称 / PRODUCT	标准 / STANDARD
内六角螺丝 HEXAGON SOCKET HEAD CAP SCREWS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:M3-M16 INCH SIZE:4#-3/4	LENGTH:6MM-150MM (冷敏) LENGTH:1/4-5" (冷敏)
METRIC SIZE:M20-M56 INCH SIZE:7/8-2"	LENGTH:30MM 以上 (热敏) LENGTH:1" 以上 (热敏)



产品名称 / PRODUCT	标准 / STANDARD
机械螺钉 MACHINE SCREWS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:M1.6-M10 INCH SIZE:2#-3/8	LENGTH:4MM-130MM LENGTH:3/16-5"



产品名称 / PRODUCT	标准 / STANDARD
垫圈 WASHERS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:M3-M36	INCH SIZE:1/4-1-1/2"



产品名称 / PRODUCT	标准 / STANDARD
自攻螺钉 TAPPING SCREWS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE: ST2.9-ST6.3 INCH SIZE: 4#-1/4"	LENGTH: 8MM-60MM LENGTH: 5/6-2-1/2"



产品名称 / PRODUCT	标准 / STANDARD
膨胀螺丝 ANCHOR BOLTS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:M6-M16 INCH SIZE:1/4-3/4	LENGTH: 50MM-M200 LENGTH: 2-7"



产品名称 / PRODUCT	标准 / STANDARD
马车螺丝 CARRIAGE BOLTS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:M6-M12 INCH SIZE:1/4-5/8	LENGTH:16MM-M180 (冷敏) LENGTH:1/2-7" (冷敏)
METRIC SIZE:M16-M20 INCH SIZE:5/8-7/8"	LENGTH:30MM 以上 (热敏) LENGTH:1" 以上 (热敏)



产品名称 / PRODUCT	标准 / STANDARD
盘头内六角 BUTTON HEAD SOCKET SCREWS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:M1.6-M10	LENGTH:4MM-150MM
INCH SIZE:2#-3/8	LENGTH:3/16-6"



产品名称 / PRODUCT	标准 / STANDARD
平头内六角 HEXAGON SOCKET COUNTERSUNK HEAD SCREWS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:M1.6-M10	LENGTH:4MM-150MM
INCH SIZE:2#-3/8	LENGTH:3/16-6"



产品名称 / PRODUCT	标准 / STANDARD
钻尾螺丝 SELF DRILLING SCREWS	DIN,JIS,ANSI,ISO,GB,BSW,etc
<b>生产范围 / PRODUCTION RANGE:</b>	
METRIC SIZE:ST2.2-ST6.3	LENGTH:6MM-100MM
INCH SIZE:4#-1/4	LENGTH:1/4-4"



**紧固件制造车间 FASTENER MANUFACTURING WORKSHOP**



腾智信息技术有限公司创建以来，以“服务创造价值、让管理更简单”为使命，秉承“团结、务实、拼搏、超越”的企业精神，专注于紧固件、伸线线缆、汽配五金和机械设备行业智能制造，为企业提供智能工厂解决方案，软件产品和服务以及物联网技术应用。

Since its establishment, Tengzhi Information Technology Co., Ltd. has taken the mission of "creating value and making management simpler", adhering to the corporate spirit of "unity, pragmatism, hard work, and beyond", focusing on fasteners, extension cables and auto hardware And intelligent manufacturing in the mechanical equipment industry, providing enterprises with smart factory solutions, software products and services, and Internet of Things technology applications.



山东



宁波

腾智公司先后荣获省市“高新技术企业”、“双软认定软件企业”、“优秀软件企业”、“优秀软件产品”、“智能制造优秀服务商”和“华为生态优秀合作伙伴”等荣誉，是中国软件行业会员单位。

Tengzhi has won the honors of "High-tech Enterprise", "Double Software Certified Software Enterprise", "Excellent Software Enterprise", "Excellent Software Product", "Intelligent Manufacturing Excellent Service Provider" and "Huawei Ecological Excellent Partner" in the province and city, Is a member unit of the Chinese software industry.



腾智近10年的发展，拥有浙江宁波和山东滕州两个软件中心，50多人专业技术团队。公司注重研发和管理，导入ISO9001质量管理、ISO27001信息安全和CMMI研发管理体系。拥有发明专利5项，实用新型12项，自主研发软件产品50余项。

The development of Tengzhi in the past 10 years has two software centers in Ningbo, Zhejiang and Tengzhou, Shandong, with more than 50 professional technical teams. The company pays attention to R & D and management, and introduces ISO9001

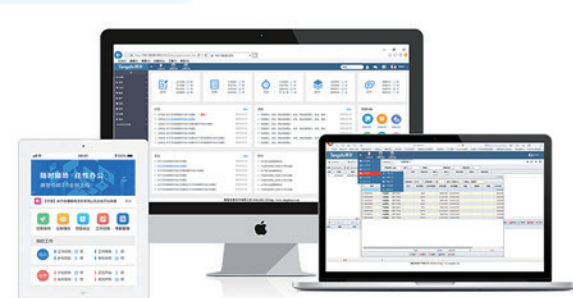
quality management, ISO27001 information security and CMMI R & D management system. Has 5 invention patents, 12 utility models, more than 50 independent research and development software products.

### 腾智企业 ERP 管理系统

#### Tengzhi Enterprise ERP Management System

以供应链为核心实现企业“产、供、销、人、财、物”管理。实现企业协同管理、让管理更简单。

Takes the supply chain as the core to realize enterprise "production, supply, sales, people, finance, and material" management. Achieve corporate collaborative management and make management easier.



### 腾智车间 MES 管理系统 Tengzhi Workshop MES management system

以精益为核心“人、机、料、法、环、测”全面质量管控思想，利用物联网技术应用，实现生产现场数据化、可视化，推动企业生产管理智能化。缩短生产周期、提高品质和产能，降低生产成本，提升效益和精益生产能力。

With Lean as the core of the "man, machine, material, method, environment, test" comprehensive quality control concept, to achieve data and visualization of the production site, and promote intelligent production management Shorten the production cycle, improve quality and productivity, reduce production costs, improve efficiency and lean production capacity.



生管人员



车间管理



现场生产



检验检测

### 腾智企业决策 BI 系统 Tengzhi Enterprise Decision BI System

以大数据分析的企业决策 BI 系统，实现企业业务财务一体化，生产过程数字化，管理决策随时随地。

Big data analysis of enterprise decision-making BI system, to achieve enterprise business financial integration, digital production process, management decision-making anytime, anywhere.



人事决策



经营决策



销售决策

腾智先后承担腾龙精线集团、前程石化、腾达科技、大唐国际电厂、奥克斯集团、兖矿集团、吉利汽车、法尔胜泓昇集团、浙江移动等大型企业信息化项目，服务客户 300 多家。

腾智以“专业产品、优质服务、信赖伙伴”全力打造“腾智软件”品牌，为您提供最具价值的产品和服务，成为您值得信赖的伙伴。

Tengzhi has successively undertaken large-scale enterprise informatization projects of Tenglong Stainless steel products Group, Qiancheng Petrochemical, Tengda Technology, Datang International Power Plant, Oaks Group, Yankuang Group, Geely Automobile, Fasten Hongsheng Group, Zhejiang Mobile, etc., serving more than 300 customers Family.

With its "professional products, high-quality services, and trusted partners", Tengzhi builds the "Tengzhi Software" brand with all its strengths, providing you with the most valuable products and services, and becoming your trusted partner.

**腾智** 值得信赖的智慧管理软件专家



400-6696-229

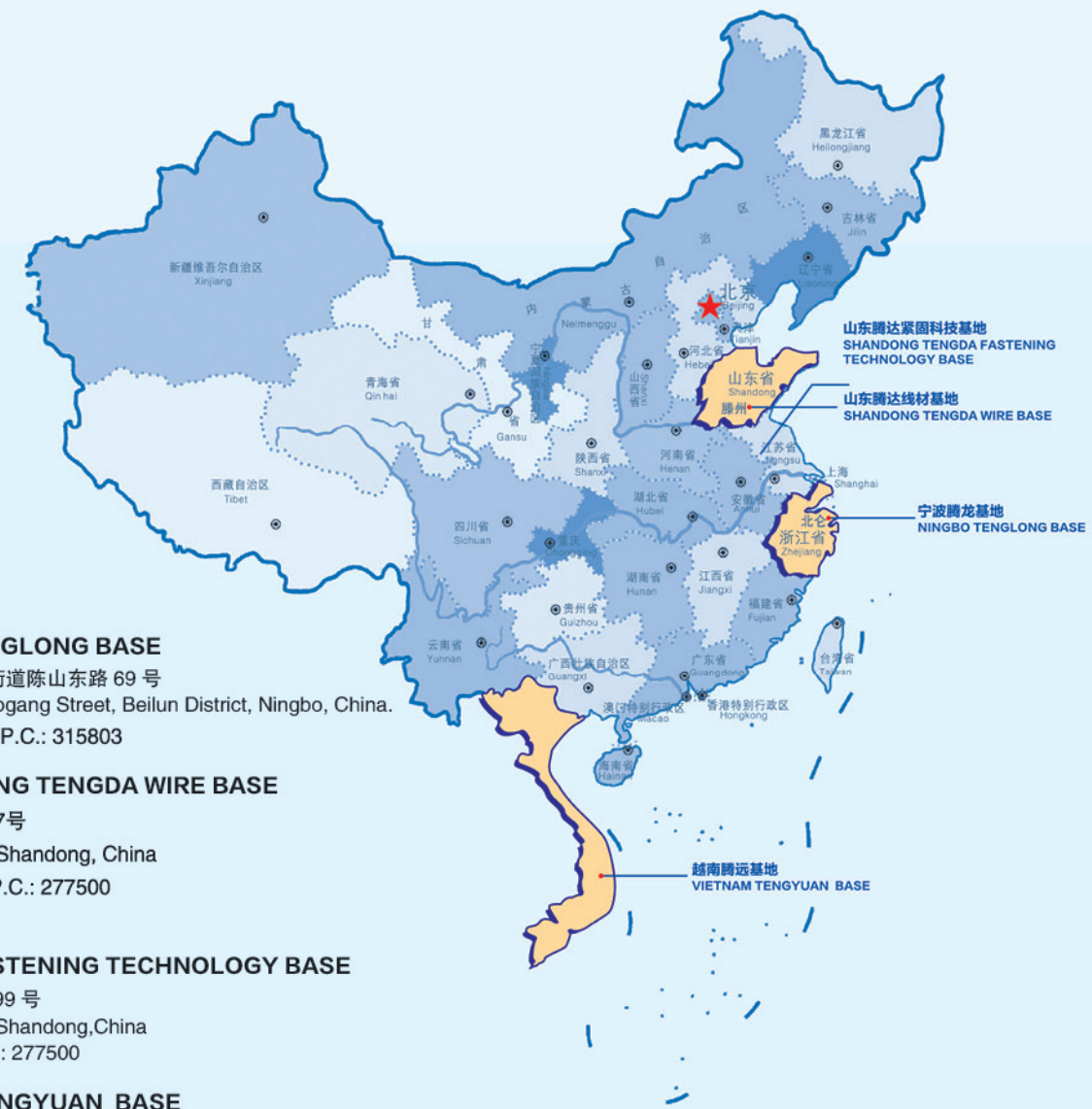
浙江宁波: 高新区研发园B区四栋203室 13567840222 Room 203, Block 4, R & D Park, High-tech Zone  
山东滕州: 尚同路199号大数据产业园2F 15866233000 2F, Big Data Industrial Park, 199 Shangtong Road  
www.tengzhicn.com tz@tengzhicn.com

公司拥有完善的营销网络,以满足各大区域的不同需求,并以优质、快捷的服务将产品提供给客户。国内办事处主要有:东莞、苏州、成都、天津、宁波、滕州、武汉。

TENGLONG GROUP owns a complete sales network to supply all the demands from different areas, hence the products can be processed to our customers by the most convenient services. The main inland offices locate in Dongguan, Suzhou, Chengdu, Tianjin, Ningbo, Tengzhou and Wuhan.

部门	联系方式
线材华北内销部 Wire Domestic Sales Department Northern Area	电话 (Tel) 86-632-5677835
	传真 (Fax) 86-632-5677919
	E-mail North@tenglongcn.com
线材华东内销部 Wire Domestic Sales Department Eastern Area	电话 (Tel) 86-574-86228228
	传真 (Fax) 86-574-86227999
	E-mail East@tenglongcn.com
线材华南内销部 Wire Domestic Sales Department Southern Area	电话 (Tel) 86-769-82987192
	传真 (Fax) 86-769-82985561
	E-mail South@tenglongcn.com
线材外销部 Wire Export Sales Department	电话 (Tel) 86-574-86228228-6672
	传真 (Fax) 86-574-86230722
	E-mail Melissa@tenglongcn.com
弹簧线销售部 Spring Wire Sales Department	电话 (Tel) 86-632-5991001
	传真 (Fax) 86-632-5991017
	E-mail Spring@tenglongcn.com
焊丝销售部 Welding Wire Sales Department	电话 (Tel) 86-632-5677970
	传真 (Fax) 86-632-5677553
	E-mail Welding@tenglongcn.com

部门	联系方式
紧固件华北内销部 Fastener Domestic Sales Department Northern Area	电话 (Tel) 86-632-5677918
	传真 (Fax) 86-632-5677919
	E-mail Fasteners@tenglongcn.com
紧固件华东内销部 Fastener Domestic Sales Department Eastern Area	电话 (Tel) 86-574-86225017
	传真 (Fax) 86-574-86227999
	E-mail Fasteners@tenglongcn.com
紧固件华南内销部 Fastener Domestic Sales Department Southern Area	电话 (Tel) 86-769-82988236
	传真 (Fax) 86-769-82985561
	E-mail Fasteners@tenglongcn.com
紧固件外销部 Fastener Export Sales Department	电话 (Tel) 86-632-5677972
	传真 (Fax) 86-632-5677996
	E-mail Hkaiyang@tenglonggroup.com
棒材销售部 Bars Sales Department	电话 (Tel) 86-574-86232288
	传真 (Fax) 86-574-86232206
	E-mail Bar@tenglongcn.com
宁波腾智信息技术有限公司 Ningbo Tengzhi Information Technology co.,ltd	电话 (Tel) 86-574-86226399
	传真 (Fax) 86-574-86227699
	E-mail Tzsoft@tenglongcn.com



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电话(Tel): 86-574-86228228 P.C.: 315803

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No.887,Yikang Road,Tengzhou,Shandong, China  
电话(Tel): 86-632-5677777 P.C.: 277500

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No.1999,Luban Road,Tengzhou,Shandong,China  
电话 (Tel): 0632-2818777 P.C.: 277500

### 越南腾远基地 VIETNAM TENGYUAN BASE

地址: 越南前江省新福县龙江工业园 131B2  
131B2, Long Giang Industrial Park(Ljip),Tan Lap1  
Commune,Tan Phuoc District,Tien Giang Province  
电话 (Tel): 0084-964107228 P.C.: 863900

公司邮箱 (E-mail) : tenglong@tenglongcn.com

投诉电话 (Complaints Tel) : 13306692228

## Sales network

腾龙精线集团企业网站(Website):

[www.tenglonggroup.com](http://www.tenglonggroup.com)

腾龙精线集团电子商务平台(E-commercial platform):

[www.tengzhicn.com](http://www.tengzhicn.com)

