

锦瑞锦瑞 齐心协力 争创佳绩
Jin Rui Jin Rui, shoulder to shoulder, striving for success

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JINRUI
上海锦瑞标准件配套有限公司
SHANGHAI JINRUI NORM PARTS SUPPLIES CO., LTD.
江苏锦瑞金属制品有限公司
JIANGSU JINRUI METAL PRODUCTS CO., LTD.



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工厂地址: 江苏省南通市海安高新区西城街道东庙村3组

Factory Add: Group 3, Dongmiao Village, Gaoxin District, Hai'an Town, Nantong, Jiangsu Province, China 226600
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因为专业 值得信赖
TO BE TRUSTED IN US BECAUSE WE ARE PROFESSIONAL

2021版



公司简介

江苏海安,地处苏中中部,东临黄海,南望长江,是长三角北翼重要的节点城市,有“枢纽海安、物流天下”之美誉。江苏锦瑞金属制品有限公司在海安高新区成立,工厂占地两万多平方米,注册资金五千万元人民币,投资总金额1亿元人民币,年产量达两万吨。

上海锦瑞标准件配套有限公司自2001年创立以来,经过二十多年的不懈努力,发展成如今以江苏海安为生产基地,上海宝山和河南南阳为销售中心的全新布局。公司生产设备先进、技术力量雄厚、工人操作技能精湛,产品质量一流。公司拥有严格的质量管理体系,配备了专业的质量管控团队,先后通过了ISO9001和IATF 16949认证。

随着海安生产基地的正式投产,江苏锦瑞形成了更加完善的产业链,从原材料酸洗、拉丝、成型、搓牙、热处理、包装等,均可在厂内完成。公司本着“开拓创新,追求卓越”的经营理念,先后购入球化炉、网带炉和数十台多型号打头螺丝成型机、螺母成型机、搓丝机、攻丝机等,并建立了覆盖全规格的拉丝生产线和全自动化的立体仓库。海安生产基地的现代化车间,实现了从生产到仓储运输的全自动化管理,让每个螺丝钉都能做到百分百的可追溯,大大节省了人力和物力。

公司遵循“起点高、专业化、品种全”原则,在紧固件研发、制造、仓储配送等领域积累了丰富的经验。公司拥有齐全的检测设备,为产品从原材料到成品的各个环节的质量管控提供了有力保障,如液压拉力机、韦氏硬度计、洛氏硬度计、金相分析仪、光谱仪、盐雾试验机、磁粉探伤机、全自动光学筛选机等。

公司主要产品包括:螺栓类产品、螺柱类产品、螺母类产品、螺钉类产品、垫圈类产品、其他非标订制类紧固件产品等六大类。生产的产品覆盖国标(GB)、德标(DIN)、美标(ANSI)、日标(JIS)、国际标准(ISO)和各类非标定制件。产品广泛应用于石油、化工、锅炉、风力发电、高速公路护栏板、电梯导轨、机械制造、建筑工地、汽车配件及医疗器械等领域,远销国内外40多个国家,得到客户的一致好评。

创业征程二十载,砥砺前行展风采。锦瑞将始终秉承“质量第一,服务至上”的原则,努力成为同行业中的佼佼者,打造世界一流紧固件品牌!我们确保每一件产品都要让客户使用得放心、安心!

COMPANY INTRODUCTION

Hai'an city is located in the central part of Jiangsu, bordering the Yellow Sea in the east and the Yangtze river in the south. It is an important node city in the north of the Yangtze River Delta, known as being a hub for Hai'an and logistics in the world. In July 2018, Jiangsu Jinrui Metal Products Co., Ltd. was established in Gaoxin District, Hai'an city. The factory covers an area of more than 20,000 m², with a registered capital of 50 million yuan, a total investment of 100 million yuan, and an annual output of 20,000 tons.

Since established in 2001, with 20 years of unremitting efforts, Shanghai Jinrui Norm Parts Supplies Co., Ltd has developed into a new layout with Hai'an, Jiangsu as production base, Baoshan District, Shanghai and Nanyang city in Henan as sales centers. Jinrui owns advanced production equipment, strong technical capability, skilled workers and first-class product quality. The company has strict quality management system, equipped with a professional quality control team, and has passed ISO9001 and IATF 16949 certification.

With the opening of the new factory in Hai'an, Jiangsu Jinrui has built a more complete industrial chain, including raw material pickling, wire drawing, cold heading, threading, heat treatment, packaging, etc.. All process can be done in the factory. Based on the philosophy of "Pioneering and Innovating, Pursuing Excellence", JINRUI has successively purchased spheroidizing furnaces, mesh belt furnaces and dozens of multi-model bolt cold heading machines, nut forming machines, thread rolling machines, thread tapping machines, etc., and has established wire drawing production lines which covers full dimensions, as well as a fully automated warehouse. The modern workshop in Hai'an factory has realized fully automated management from production to storage and transportation, so that each piece of bolt can be traced 100%, which greatly saves manpower and material resources.

Following the principle of "high starting point, specialization, and diversification", JINRUI has accumulated rich experience in the fields of fastener design, manufacturing, warehousing and distribution. JINRUI has a full set of testing equipment, which provides a strong guarantee for the quality control of products from raw materials to finished products. The equipment includes hydraulic tensile machine, Webster hardness tester, Rockwell hardness tester, metallographic analyzer, spectrometer, salt spray testing machine, Magnetic particle inspection machine, automatic optical screening machine, etc.

The main products of Jinrui include bolts, studs, nuts, screws, washers and customized fasteners. The products cover GB, DIN, ANSI, JIS, ISO and non-standard parts. They are widely used in petrochemical industry, boilers, wind power generation, guardrails of high way, elevator industry, machinery, building materials, auto parts, medical equipment and other fields. The products are exported to more than 40 countries, and obtain unanimous praise from clients domestic and abroad.

Entrepreneurial journey for twenty years, forging ahead to show its style. Jinrui will always adhere to the principle of "quality first, service first", and aim to become the leader in the fastener industry and build a world-class fastener brand! We ensure that every product will make the customers feel relieved and assured.



愿我们成为同行业中的佼佼者，成为世界一流紧固件品牌！做好各行业的托举者，为“中国制造”打好结实的基础，为祖国走向世界富强而努力！

Hope we can become a leading enterprise in the industry and a top-class fastener brand in the world! Make contributions to each industry, lay a firm foundation for "Made in China" and make efforts to make our country a wealthy and strong one!

资质证书 / QUALIFICATION CERTIFICATE



企业文化 /

OUR CULTURE



锦瑞文化价值观

我们的愿景：成为同行业中佼佼者，成为世界一流紧固件品牌！
 我们的使命：做好各行业的托举者，为“中国制造”打好结实的基础，为祖国走向世界富强而努力！
 我们的宗旨：一辈子就为一颗螺丝钉。让我们的客户在产品上连接的放心，安心，安心！
 我们的信念：诚信、奉献、忠诚、感恩、快乐！
 我们的作风：苦干加巧干，严格的纪律，造就我一身！
 我们的状态：朝气蓬勃，快乐每一天！
 我们的团队：让我干，让我试，我能干，互帮互学，大家一起干！
 我们的客户观：客户价值是我们的衣食寄托，是我们存在的唯一理由！
 锦瑞品质：遵循质量第一，客户至上，追求卓越，永无止境！

Cultural values of Jinrui

Our hope is to become the leading enterprise in the industry and a top-class fastener brand in the world!
 Our mission is to make contributions to each industry, lay a firm foundation for "Made in China" and make efforts to make our country a wealthy and strong one!
 Our aim is to be a reliable screw to make our customers feel relieved, firm and assured!
 Our belief is integrity, contribution, loyalty, gratitude and happiness!
 Our style is hard-working and skillful working, to obey strict principle and make us strong!
 Our status is full of youthful spirit and happiness everyday!
 Our team: let me do; let me try; I can manage, Help and learn from each other, Cooperate together!
 Our attitude towards customers: the customer's value is our reliance and our only reason to survive!
 Jinrui quality: quality first, customer first, pursuit of excellence, never-ending!



检测设备 / TESTING EQUIPMENTS



多功能电解测厚仪
Multifunctional electrolysis thickness gauge



全系列金相分析仪
All serial-mias



金相试样预磨机
Metallographic sample pre mill



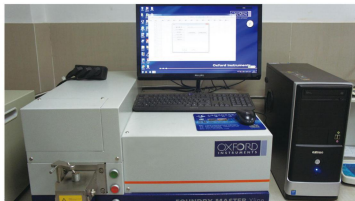
金相试样抛光机
Metallographic sample polishing machine



金相切割机
Metallographic cutting machine



台式光谱镜
Desk type spectroscope



光谱仪
Spectrophotometer



维氏显微硬度计
Vickers microhardness tester



万能液压试验机
All-purpose hydraulic pressure testing machine



全自动螺帽筛选机
Full automatic ball screening machine



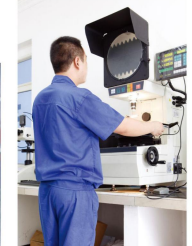
盐雾试验机
Salt spray tester



洛氏硬度计
Rockwell hardness tester



磁粉探伤机
Magnetic powder diagnostic machine



投影仪
Projector





生产车间 / PRODUCTION WORKSHOP



1 酸洗 Acid pickling

2 拉丝 Wire drawing



3 球化炉 Spheroidizing furnace

生产车间 / PRODUCTION WORKSHOP



4 成型 Forming



5 镗牙 Threading



生产车间 / PRODUCTION WORKSHOP



6 立库 / Automated Storage and Retrieval System

7 热处理 / Heat treatment

8 筛选机 / Screening machine

9 包装 / Package

10 仓库 / Warehouse



共重 218 01KG

产品应用领域 / PRODUCT APPLICATION FIELDS



消防领域
Fire field



建筑领域
Construction field



钢结构工程
Steel structure engineering



石油化工领域
Petrochemical field



压力管道
Pressure piping



大型钢厂
Large steelworks



轨道交通
Rail transportation



汽车制造
Auto manufacturing



大型工程机械
Large construction machinery
















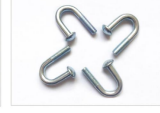


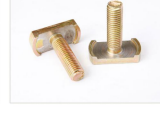

主导产品：公制及美制椭圆颈螺栓（鱼尾螺栓）
机械性能：8.8级，9.8级，不锈钢304，
不锈钢316等。
Leading product: Metric and ANSI round head oval
neck bolt (fish bolt)
Mechanical properties: grade 8.8, grade 9.8, SS304, and SS316 etc.












冷镦产品 / COLD HEADING PRODUCTS

 不锈钢蛋颈螺栓 Stainless Steel Oval Neck Fish Bolt	 黄锌蛋颈螺栓 Yellow Zinc Finish Oval Neck Fish Bolt	 蓝白锌蛋颈螺栓 Blue Zinc Finish Oval Neck Fish Bolt	 达克罗鱼尾螺栓 Dacromet Finish Oval Neck Fish Bolt
 美制鱼尾螺栓 ANSI fish tail bolt	 半圆头方颈螺栓 Cup head square neck bolts	 马车螺栓 Carriage bolt	 电梯导轨螺栓 Elevator guide rail bolt
 风力发电专用螺栓 Bolt for wind power generator	 高速公路护栏螺栓 Expressway guardrail bolt	 非标六角螺栓 Non-standard hexagonal bolt	 方头螺栓 Square head bolt

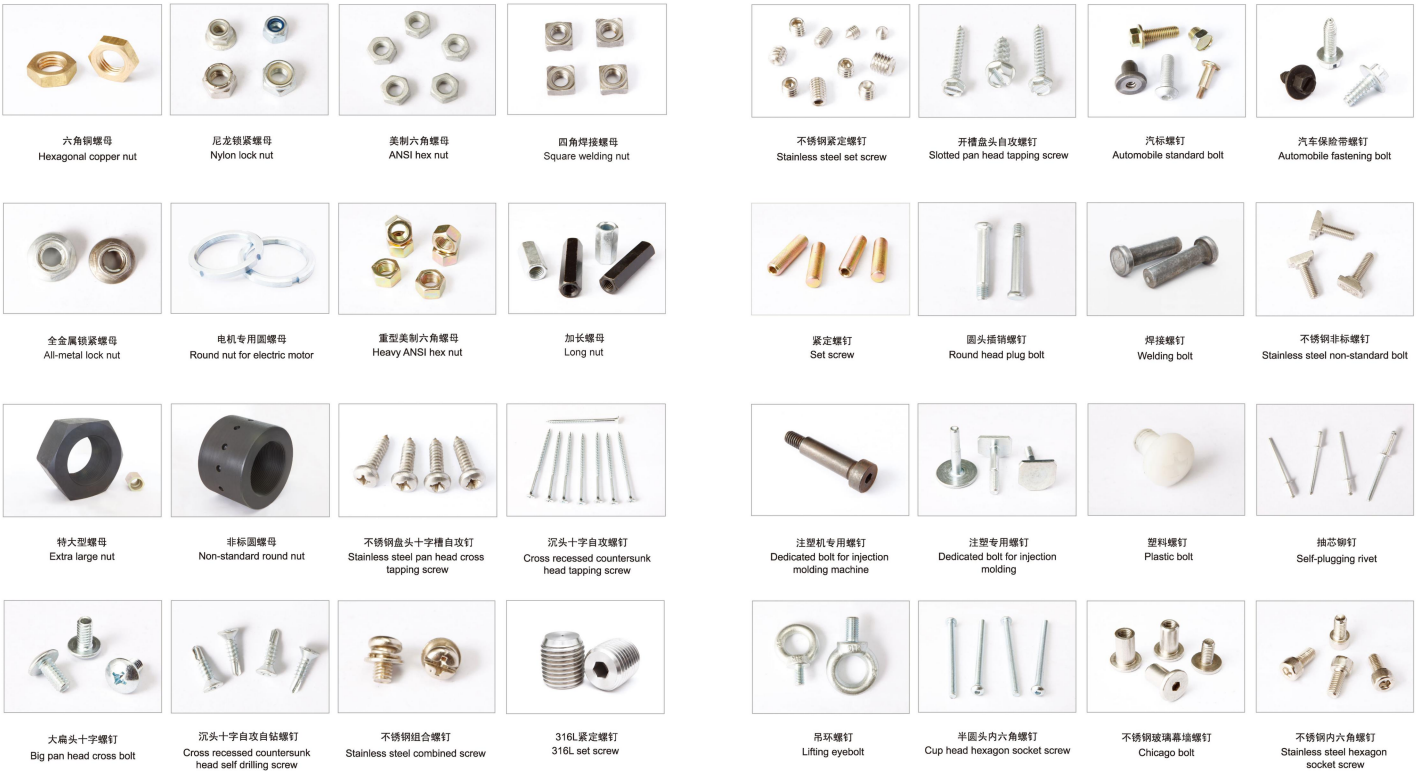
 汽标达克罗螺栓 Automobile Dacromet bolt	 不锈钢六角螺栓 Stainless steel hexagonal bolt	 达克罗六角螺栓 Dacromet hexagonal bolt	 非标螺栓 Non-standard bolt
 非标螺栓 Non-standard bolt	 六角打孔螺栓 Hexagonal slotting bolt	 六角螺栓 Hexagonal bolt	 六角渗锌螺栓 Hexagonal zincing bolt
 美制轮毂螺栓 ANSI hub bolt	 汽车轮毂螺栓 Automobile hub bolt	 汽标螺栓 Automobile standard bolt	 全牙美制六角法兰面螺栓 Full-thread ANSI hexagon flange bolt
 汽车轮毂螺丝 Automobile hub screw	 电机专用螺栓 Bolt for electric motor	 非标螺栓 Non-standard bolt	 美制法兰面螺栓 ANSI flange bolt

冷镦产品 / COLD HEADING PRODUCTS

 梅花法兰面螺栓 Torx flange bolt	 圆头焊接螺栓 Round head welding bolt	 沉头内六角螺栓 Hexagon countersunk bolt	 四方螺栓 Square head bolt
 非标双头螺栓 Non-standard stud bolt	 双头螺栓 Stud	 活节螺栓 Eye bolt	 蝶型螺栓 Butterfly bolt
 定制非标螺栓 Customized non-standard bolt	 方头T型螺栓 Square head T shaped bolt	 非标T型螺栓 Non-standard T shaped bolt	 非标U型螺栓 Non-standard U-shaped bolt
 非标定制螺栓 Non-standard customized bolt	 非标定制螺栓 Non-standard customized bolt	 非标螺栓 Non-standard bolt	 马车螺栓 Carriage bolt

 消防管卡专用螺栓 Dedicated bolt of fire protection pipe clamp	 四方头螺栓 Square head bolt	 重型U型螺栓 Heavy U shaped bolt	 特长六角螺栓 Over-lengthened hexagon bolt
 特氟龙螺母 Teflon Coating Nut	 开槽螺母 Slotted Nut	 不锈钢六角螺母 Stainless steel hex nut	 方螺母 Square nut
 不锈钢六角螺母 Stainless steel hex nut	 蝶形螺母 Butterfly nut	 盖型螺母 Cap nut	 钢丝夹头 Steel wire chuck
 高颈六角螺母 High neck hex nut	 六角法兰面螺母 Hexagonal flange nut	 六角开槽螺母 Hexagonal slotted nut	 六角螺母 Hexagon nut

















冷墩产品 / COLD HEADING PRODUCTS



冷墩产品 / COLD HEADING PRODUCTS



冷锻产品 / COLD HEADING PRODUCTS

 不锈钢膨胀螺丝 Stainless steel anchor bolt	 电梯专用膨胀螺丝 Anchor bolt for elevator	 盘头十字自攻自钻 Cross recessed pan head drilling screw	 六角自攻自钻 Hexagonal self-drilling screw
 圆柱销 Round pin	 圆柱销 Round pin	 非标销轴 Non-standard pin roll	 开口销 Split pin
 圆柱头内六角 Cylinder head hex socket screw	 冲击钻头坯 Churn drill blank	 不锈钢非标件 Stainless steel non-standard components	 汽车非标件 Non-standard automobile parts
 汽车零件 Automobile standard parts	 不锈钢弹垫·平垫 Stainless steel spring washer, flat washer	 特大平垫圈 Extra big flat washer	 圆螺母止垫 Round nut thrust washer

热锻产品 / HOT HEADING PRODUCTS

钢结构用大六角头高强度螺栓连接副
Big hexagon connecting bolt of high-intensity for steel structure
GB/T 1228-1231-91

>> 本公司可根据客户需要生产以下标准的钢结构大六角头螺栓产品
We manufacture thereinafter standard steel big hexagon bolts as customer demand
DIN 6914 6916 DIN 7990 DIN 7999
ISO 7412 ISO 4775 ISO 7416
JIS B 1186
ASTM A325 A490 A325M A490M





螺母尺寸/NUT DIMENSIONS(mm)

d	12	16	20	22	24	27	30
s	21	27	34	36	41	46	50
m	12.3	17.1	20.7	23.6	24.2	27.6	30.7
e	22.8	29.6	37.3	39.6	45.2	50.9	55.4

性能等级
Property grade: 10.9S/BH
螺纹 Thread: 6H

性能等级
Property grade: HRC35-45

性能等级
Property grade: 10.9S/B 8S
螺纹 Thread: 6g




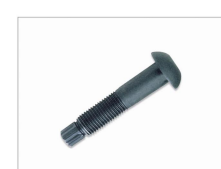
螺栓尺寸/BOLT DIMENSIONS(mm)

d	12	16	20	22	24	27	30
s	21	27	34	36	41	46	50
k	7.5	10	12.5	14	15	17	18.7
l	35-75	45-130	50-160	55-220	60-240	65-260	70-260

热锻产品 / HOT HEADING PRODUCTS

钢结构用扭剪型高强度螺栓连接副
Tortuous connecting bolt of high-intensity for steel structure
GB/T 3632-3633-95

>> 本公司可根据客户需要生产ASTM E1852相关标准产品
We manufacture ASTM E1852 series standard product as customer demand

性能等级
Property grade: 10.10
螺纹 Thread: 6H

性能等级
Property grade: HRC35-45

性能等级
Property grade: 10.9S
螺纹 Thread: 6g

螺母尺寸/NUT DIMENSIONS(mm)

d	16	20	22	24
s	27	34	36	41
m	17.1	20.7	23.6	24.2
e	29.6	37.3	39.6	45.2

热锻尺寸/WASHER DIMENSIONS(mm)


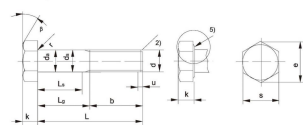
d	16	20	22	24
d1	17	21	23	25
d2	33	40	42	47
s	4	4	5	5

螺栓尺寸/BOLT DIMENSIONS(mm)

d	16	20	22	24
dk	16	37	41	44
k	10	13	14	15
k'	17	19	21	23
l	40-120	45-140	50-160	55-180

热锻产品 / HOT HEADING PRODUCTS

六角头螺栓
Hexagon head bolts
GB/T 5782

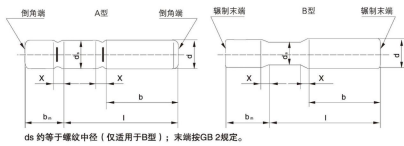
螺母规格 D

M12	M16	M20	M24	M30	M36	M42	M48	M56	M64	
p 1)	1.75	2	2.5	3	3.5	4	4.5	5	5.5	6
2)	30	38	46	54	66	72	84	96	108	120
3)	36	44	52	60	72	84	96	108	120	132
4)	49	57	65	73	85	97	109	121	137	153
max	0.60	0.8	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0
min	0.15	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
da max	13.7	17.7	22.4	26.4	33.4	39.4	45.6	52.6	63	71
公称=max	12.00	16.00	20.00	24.00	30.00	36.00	42.00	48.00	56.00	64.00
产品等级 A	11.73	15.73	19.67	23.67	29.67	35.67	41.67	47.67	53.67	63.67
产品等级 B	11.57	15.57	19.48	23.48	29.48	35.38	41.38	47.38	53.26	63.26
产品等级 A	16.63	22.49	28.19	33.61	39.61	45.11	50.95	56.95	63.16	78.16
产品等级 B	16.47	22.47	27.7	33.25	42.75	51.11	59.95	69.45	78.66	88.16
产品等级 A	20.03	26.75	33.53	39.98	46.98	53.98	60.98	67.98	74.98	81.98
产品等级 B	19.85	26.17	32.95	39.55	50.85	60.79	71.3	82.6	93.56	104.86
if max	3	3	4	4	6	6	8	10	12	13
公称	7.5	10	12.5	15	18.7	22.5	26	30	35	40
产品等级 A	7.88	10.18	12.715	15.215	18.7	22.5	26	30	35	40
产品等级 B	7.32	9.82	12.285	14.785	18.7	22.5	26	30	35	40
产品等级 A	7.79	10.29	12.85	15.35	19.12	22.92	26.42	30.42	35.5	40.5
产品等级 B	7.21	9.71	12.15	14.65	18.28	22.08	25.58	29.58	34.5	39.5
产品等级 A	5.12	6.87	8.6	10.35	12.8	15.46	17.91	20.71	24.15	27.65
产品等级 B	5.05	6.8	8.51	10.26	12.8	15.46	17.91	20.71	24.15	27.65
r min	0.6	0.6	0.8	0.8	1	1	1.2	1.6	2	2
公称=max	18.00	24.00	30.00	36.00	46	55.0	65.0	75.0	85.0	95.0
产品等级 A	17.73	23.67	29.67	35.68	46	55.0	65.0	75.0	85.0	95.0
产品等级 B	17.57	23.16	29.16	35.00	45	53.8	63.1	73.1	82.8	92.8

>> 本公司可根据客户需要生产六角头螺栓:
We manufacture hexagon bolts in specification as follows as customer demand:
GB/T 5780 GB/T 5781 GB/T 5783 GB/T 5784 GB/T 5785 GB/T 5786
DIN 931 DIN 933 DIN 558 DIN 960 DIN 961
ISO 1014 ISO 4015 ISO 4016 ISO 4017 ISO 4018 ISO 8765 ISO 8676
JIS B 1180

热锻产品 / HOT HEADING PRODUCTS

双头螺栓
Double end studs
GB/T 897



ds 约等于螺紋中径 (仅适用于B型); 束端按GB 2规定。

螺紋规格 D	公称	M22	M24	M27	M30	M33	M36	M39	M42	M48
		bm	22	24	27	30	33	36	39	42
ds	min	20.95	22.5	25.95	28.95	31.75	34.75	37.75	40.75	46.75
	max	23.05	25.05	28.05	31.05	34.25	37.25	40.25	43.25	49.25
X	min	22	24	27	30	33	36	39	42	48
	max	21.48	23.48	26.48	29.48	32.38	35.38	38.38	41.38	47.38

>> 本公司还可根据客户要求生产DIN935, DIN938-940以及DIN975等标准的双头螺栓。
We can produce stud bolts in accordance with the standards of DIN935, DIN938-940 and DIN975 upon the requirements of the clients.



化工专用标准:
chemical engineering application specific standard
HG20613
JB4707
SH3404



铁路专用标准:
railway application specific standard
GB/T9058
ANSI/ASME B18.10 1982

本公司同时可生产193-B8、194-B8系列产品, 材质为: 304、316、316L
Our company can produce 193-B8 and 194-B8 series products with the material of 304, 316, and 316L.

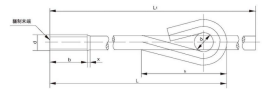
地脚螺栓
Foundation bolts
GB/T 799-1988



Anchor plate foundation bolt



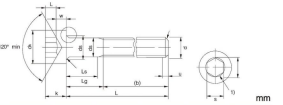
Right angle foundation bolt



螺紋规格 D	公称	M6	M8	M10	M12	M16	M20	M24	M30	M36	M42	M48
		D	27	31	36	40	50	58	68	80	94	106
D	min	24	28	32	36	44	52	60	72	84	96	108
	max	10	10	15	20	20	30	30	45	60	60	70
H	min	41	46	65	62	93	127	136	192	244	261	302
	max	1+37	1+37	1+53	1+72	1+72	1+110	1+110	1+165	1+217	1+217	1+225
X	min	2.5	3.2	3.8	4.2	5	6.3	7.5	8.8	10	11.3	12.5

>> 本公司可根据客户要求生产 DIN929 JIS B 1178 系列标准地脚螺栓及加劲锚板地脚螺栓、单锚板地脚螺栓等。
We can produce standard anchor bolts, anchor bolts of stiffened anchor plate and anchor bolts of single-layer anchor plate in accordance with the standards of DIN929 JIS B 1178 upon the requirements of the clients.

内六角圆柱头螺钉
Hexagon socket head cap screws
GB/T 70.1-2000



螺紋规格 D	公称	M10	M12	M14	M16	M20	M24	M30	M36	M42	M48	M56	M64
		p	1.5	1.75	2	2.5	3	3.5	4	4.5	5	5.5	6
b	max	32	36	40	44	52	60	72	84	96	106	124	140
	min	16.00	18.00	21.00	24.00	30.00	36.00	45.00	54.00	63.00	72.00	84.00	96.00
dk	max	16.27	18.27	21.33	24.33	30.33	36.39	45.39	54.46	63.46	72.46	84.54	96.54
	min	11.2	13.7	15.7	17.7	22.4	26.4	33.4	39.4	45.6	52.6	63	71
da	max	10.00	12.00	14.00	16.00	20.00	24.00	30.00	36.00	42.00	48.00	56.00	64.00
	min	9.78	11.73	13.73	15.73	19.67	23.67	29.67	35.61	41.61	47.61	55.54	63.54
e	min	9.15	11.43	13.72	16	18.44	21.73	25.15	30.85	36.57	41.13	46.83	52.53
	max	1.02	1.45	1.45	1.45	2.04	2.04	2.89	3.06	3.91	5.95	5.95	
k	max	10.00	12.00	14.00	16.00	20.00	24.00	30.00	36.00	42.00	48.00	56.00	64.00
	min	9.64	11.57	13.57	15.57	19.48	23.48	29.48	35.38	41.38	47.38	55.26	63.26
r	min	0.4	0.6	0.6	0.6	0.8	0.8	1	1.2	1.6	2	2	
	公称	8	10	12	14	17	19	22	27	32	38	41	46
H	max	8.115	10.115	12.142	14.142	17.23	19.275	22.275	27.275	32.33	36.33	41.33	46.33
	min	8.175	10.175	12.212	14.212	17.31	19.365	22.365	27.365	32.41	36.41	41.41	46.41
t	max	5	6	7	8	10	12	15.5	19	24	28	34	38
	min	1	1.2	1.4	1.6	2	2.4	3	3.6	4.2	4.8	5.6	6.4
dw	min	15.33	17.23	20.17	23.17	28.87	34.81	43.61	52.54	61.34	70.34	82.26	94.26
	max	4	4.8	5.8	6.8	8.6	10.4	13.1	15.3	16.3	17.5	19	22

>> 本公司可根据客户要求生产 DIN 912 ISO 4762 JIS B 1177 系列标准内六角圆柱头螺钉。
We manufacture DIN 912 ISO 4762 JIS B 1177 series standard hexagonal socket cap screws as customer demand.

热锻产品 / HOT HEADING PRODUCTS



成套风力发电机组用高强度紧固件产品规格型号

List of model and specifications of high strength fasteners for wind turbine generator system (WTGS)

部件	类别	标准	等级	规格范围
螺栓 Bolt of the wind turbine	六角 Hexagon	GB5782	10.9/8.8	M16-M48
	六角 Hexagon	DIN931	10.9/8.8	M16-M48
	大六角 Big Hexagon	GB1228-1231 (高强度连接副)	10.9	M16-M36
	大六角 Big Hexagon	DIN8914-6916	10.9	M16-M36
叶片螺栓 Bolt of the blade	双头螺栓 Stud bolt	GB901	10.9	M30-M36
	定制件 Customized parts and components	非标准 Non-standard		M30-M36
塔筒螺栓 Bolt of the tower	六角 Hexagon	GB5782	10.9	M30-M42
	六角 Hexagon	GB1228-1231	10.9	M30-M42
	大六角 Big Hexagon	DIN8914-6916	10.9	M30-M42
	大六角 Big Hexagon	EN14399-4	10.9	M30-M52
高强度螺母 High strength nut	六角 Hexagon	GB6170	10H	M30-M52
	六角 Hexagon	DIN934	10H	M30-M52
	六角 Hexagon	ASME B16.2.4M	10H	M30-M52

螺栓螺帽型号规格一览表 List of model and specifications of bolts and nuts

所属标准号	紧固件名称	规格范围	机械性能
DESCRIPTION (DIN933 DIN931)	六角头螺栓 Hexagonal head bolt	M6 - M64	5.6, 8.8, 10.9
	六角头螺栓(细牙) Hexagon head bolts (fine pitch thread)	M8 × 1 - M64 × 4	5.6, 8.8, 10.9
GB/T6170 - 6176 (DIN934)	六角螺帽 Hexagonal nuts	M6 - M64	4, 5, 6, 8, 10
	六角螺帽(细牙) Hexagon nuts (fine pitch thread)	M8 × 1 - M64 × 4	4, 5, 6, 8, 10
GB901	等长双头螺栓 Double end studs	M12 - M56	8.8, 10.9, 12.9
GB70.1	内六角圆柱头螺钉 Hexagon socket head cap screws	M12 - M48	8.8, 10.9, 12.9
GB15389	螺杆 Threaded rods	M12 - M42	5.8
GB1228 - 1231	钢结构用高强度大六角螺栓 Big hexagon connecting bolt of high-intensity for steel structure	M16 - M30	8.8S, 10.9S
GB3632 - 3633	钢结构用扭剪型高强度螺栓连接副 Torsion connecting bolt of high-intensity for steel structure	M16 - M24	10.9S
HG20613(欧洲体系) European system	六角头螺栓 Hexagon head bolts	M12 - M27	8.8
	六角头螺栓(细牙) Hexagon head bolts (fine pitch thread)	M30 × 2 - M56 × 3	8.8
	等长双头螺栓(GB901-B) Double end studs (for special purpose)	M12 - M27	8.8
	等长双头螺栓(专用级) Double end studs (for special purpose)	M30 × 2 - M56 × 4	8.8 (35CrMoA)
SH3404	全螺纹螺栓 Full threads bolts	M12 - M27 M30 × 2 - M56 × 4	8.8 (35CrMoA)
	六角螺帽(专用级) Hexagon nuts (for special purpose)	M10 - M33 M36 × 3 - M90 × 3	8 (30CrMo)
	六角头螺栓 Hexagon head bolts	M12 - M33 M36 × 3 - M48 × 3	8.8 (35#)
	等长双头螺栓 Double end studs	M12 - M33 M36 × 3 - M48 × 3	8.8(35# + 40Cr, 35CrMoA)
JB4707(用于化工) (for chemicals)	全螺纹螺栓 Full threads bolts	M12 - M33 M36 × 3 - M48 × 3	8.8(40Cr, 35CrMoA)
	六角螺帽 Hexagon nuts	M10 - M33 M36 × 3 - M90 × 3	8 (35#) 8, 10 (40Cr, 35CrMo)
ASTM-A193-B8 ASTM-A194-8	等长双头螺栓 Double end studs	M16 - M36	8.8(40Cr, 35CrMoA)
	双头螺栓, 全丝杆 Stud, full thread stud	M16 - M82	304(A-70, A-80)