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质量管理体系符合  
GB/T19001-2000 idt ISO9001:2000标准



*JINHU Screw Barrel  
& Assemblies*



螺杆机筒及零部件

Screw Barrel & Assemblies

## JINHU powerful marketing and engineering

金湖，专业制造高性能螺杆机筒！

**JINHU powerful marketing and engineering teams will provide a highly responsive assistance on the spot, as we attach utmost importance to customers.**

为客户利益着想，改善注塑机或挤出机产品的质量，让阁下在激烈的竞争中脱颖而出！



## 金湖(舟山)工业园区简介 Jinhu (Zhoushan) Industrial Park Brief



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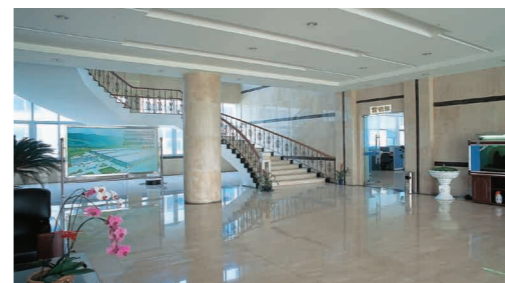
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### 公司简介

浙江金海塑料机械有限公司是金湖集团成员企业, 专业从事螺杆、机筒制造。良好的品质源于本公司20多年设计制造螺杆、机筒所积累的丰富经验。年生产各类螺杆、机筒30000余套。产品已经出口到包括美国、德国、奥地利、日本、韩国等塑料工业发达国家在内的世界40多个国家和地区, 并被国内众多著名注塑机制造商多次评为优秀供应商。

公司拥有先进的加工技术和丰富的设计经验, 可以为客户提供氮化、镀铬、不锈钢、双金属堆焊、碳化钨表面喷涂等各种产品以适应不同用途的需要。

公司可承接测绘、设计、来图加工等业务, 以优良的品质和满意、及时的服务谋求与客户共同发展。



### BRIEF INTRODUCTION

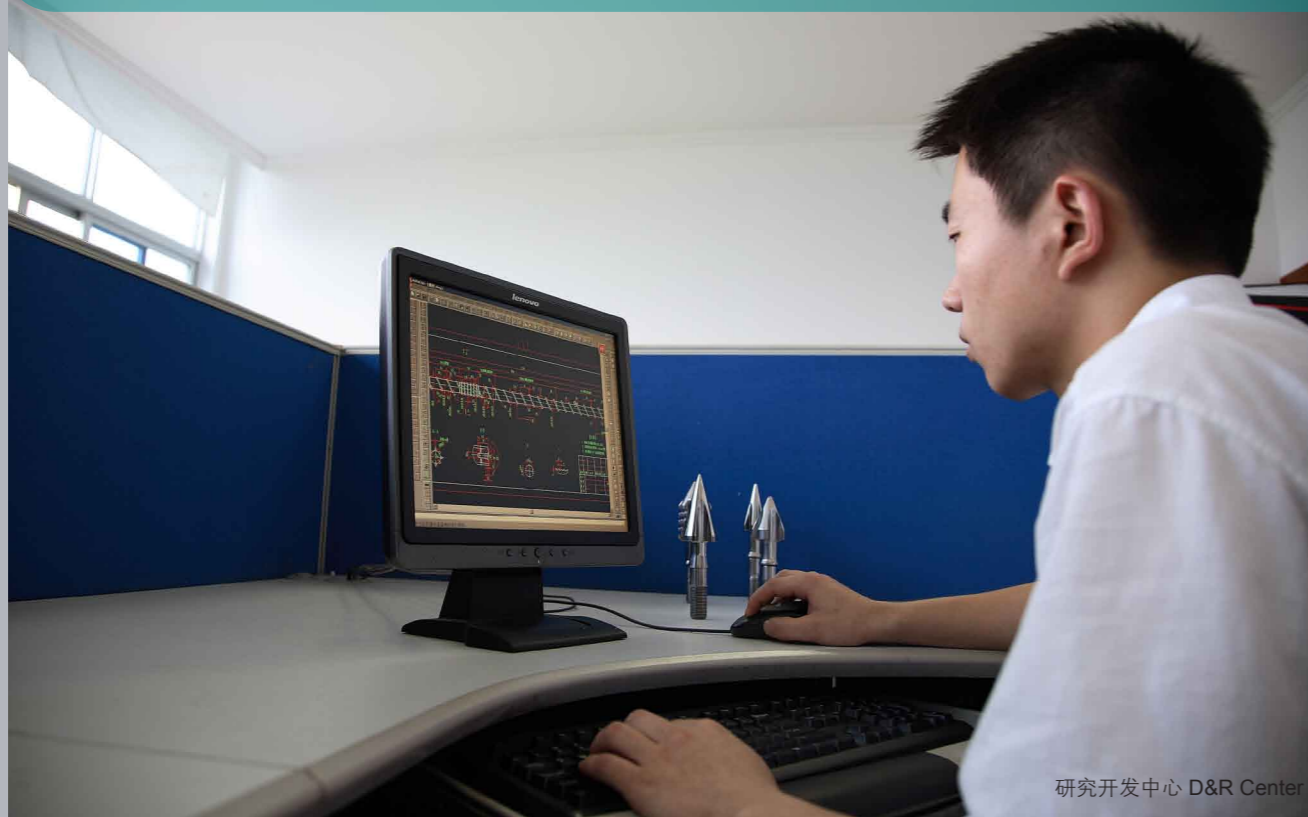
Zhejiang Jinhai Plastics Machinery Co., Ltd. is a member of Jinhu Group. It specializes in manufacturing screw and barrel. High quality is based on over 20 years experience in design and manufacture of screw and barrel. The annual output is around 30000 sets screws and barrels. Our products have been exported to over 40 countries such as U.S.A., Germany, Austria, Japan, Korea which are developed countries of plastics industry in the world, also we are the excellent supplier of several domestic famous injection molding machine manufacturers.

We equipped advanced technology and equipment for processing, test, as well as extended experience for design, We can supply nitrided, chrome plating, stainless steel, bimetallic and HVOF (surface spraying technology) treatment screws and barrels.

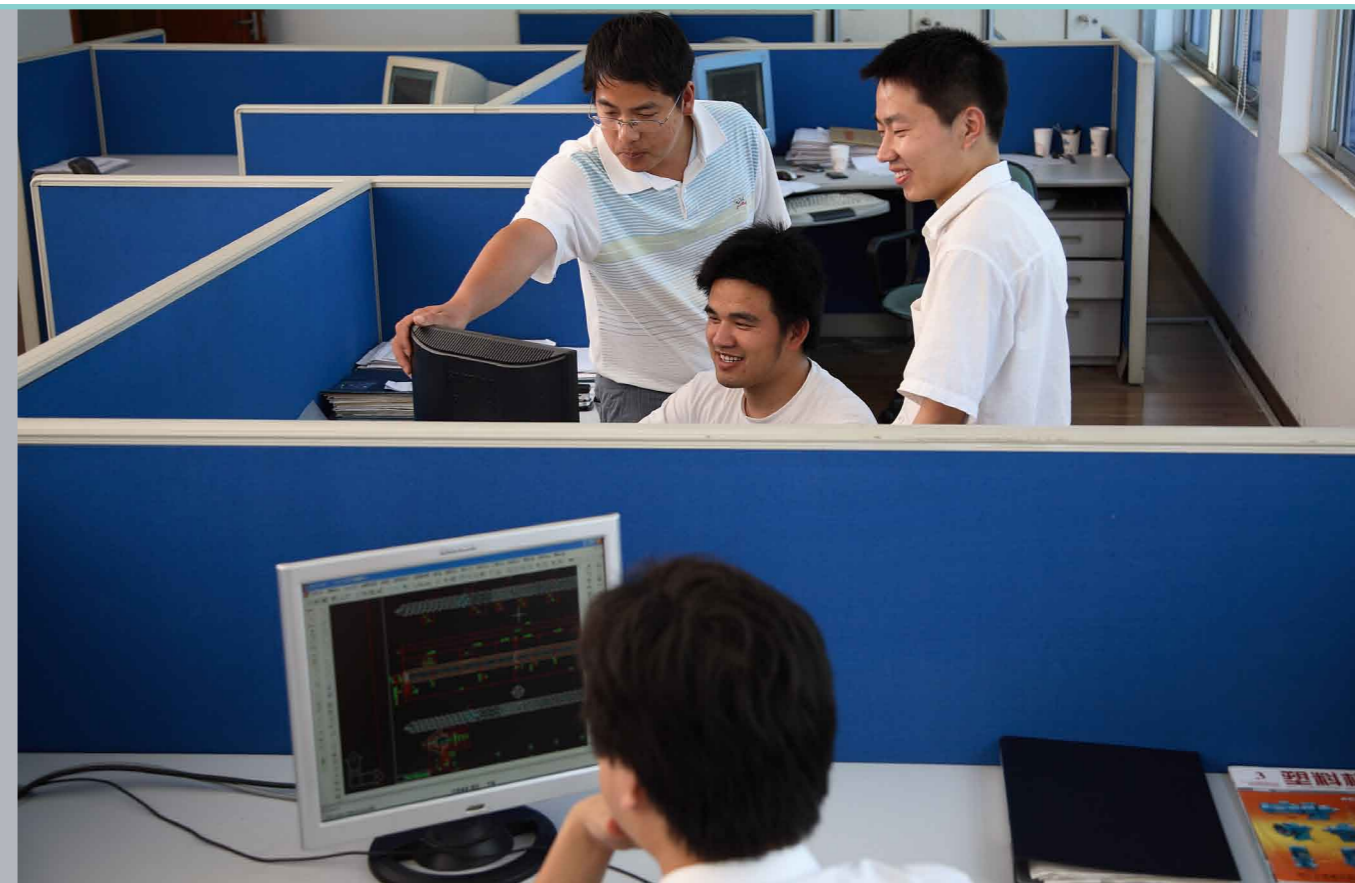
We are able to take mapping, design for client and make products as per customer's drawing. Providing High quality products, satisfied and prompt service are base of development the business together with our customers.

## 科研开发, 技术领先

Scientific Research And Development, Leading In Technology



研究开发中心 D&R Center



### 以创新的理念, 求产品的发展 金湖人相信—创新是企业永续发展的灵魂

经过二十年的发展与积累, 金湖聚集了一批善经营、懂管理、精专业、求卓越的优秀员工, 他们以勇于开拓的创新精神, 致力于产品研究与技术开发。从单一的生产加工螺杆到设计研制整条塑料生产线及化纤成套设备, 在此基础上再拓展房地产及投资公益教育事业, 金湖不断适应市场的变化, 在优胜劣汰的激烈竞争中屹立不倒, 更是以乘风破浪的势头不断向前发展。

### RESEARCH AND DEVELOPMENT

Searching for the development of the product with the idea of innovation

Jinhu people believe that only innovation can sustain the development of an enterprise

After twenty years of development and accumulation, Jinhu has gathered a group of excellent employees good at managing, administration and specialized works. All of them devote themselves to the product research and technological development. From the single manufacturing and processing of screw to the designing and manufacturing of the whole production line of plastics and the whole set of chemical fibre, Jinhu also expands its business to real estate and invests in education sector. It keeps gearing to the market, and pressing ahead for development.



## 国际先进的CNC加工中心

International Advanced CNC Machining Center



先进的金加工设备 Metal Processing Shop



CNC加工中心 CNC Equipments

### CNC加工中心

引进国际先进CNC加工中心、数控螺杆铣、超音速喷涂设备等。而这些装备使我们的品牌如虎添翼，在国内乃至国际塑机行业中独占鳌头。



国际先进的合金喷涂设备  
Advanced Alloy Powder Spray Unit



CNC加工中心 CNC Equipments



### Advanced CNC Machining Center

We have imported advanced CNC machine such as CNC milling machine, HVOF alloy powder spray unit and so on, with which our company is like a tiger that has grown wings and our brand will become famous in the field of plastic machinery both at home and abroad.

先进的热处理设备, 品质检测设备

Advanced Heating Treatment Equipment, Quality Inspection Equipment



金湖(舟山)工业园区先进的热处理设备 Advanced Heat Treatment Equipments In Industrial Park



质量检测中心 Quality control center

先进的热处理及表面加工设备

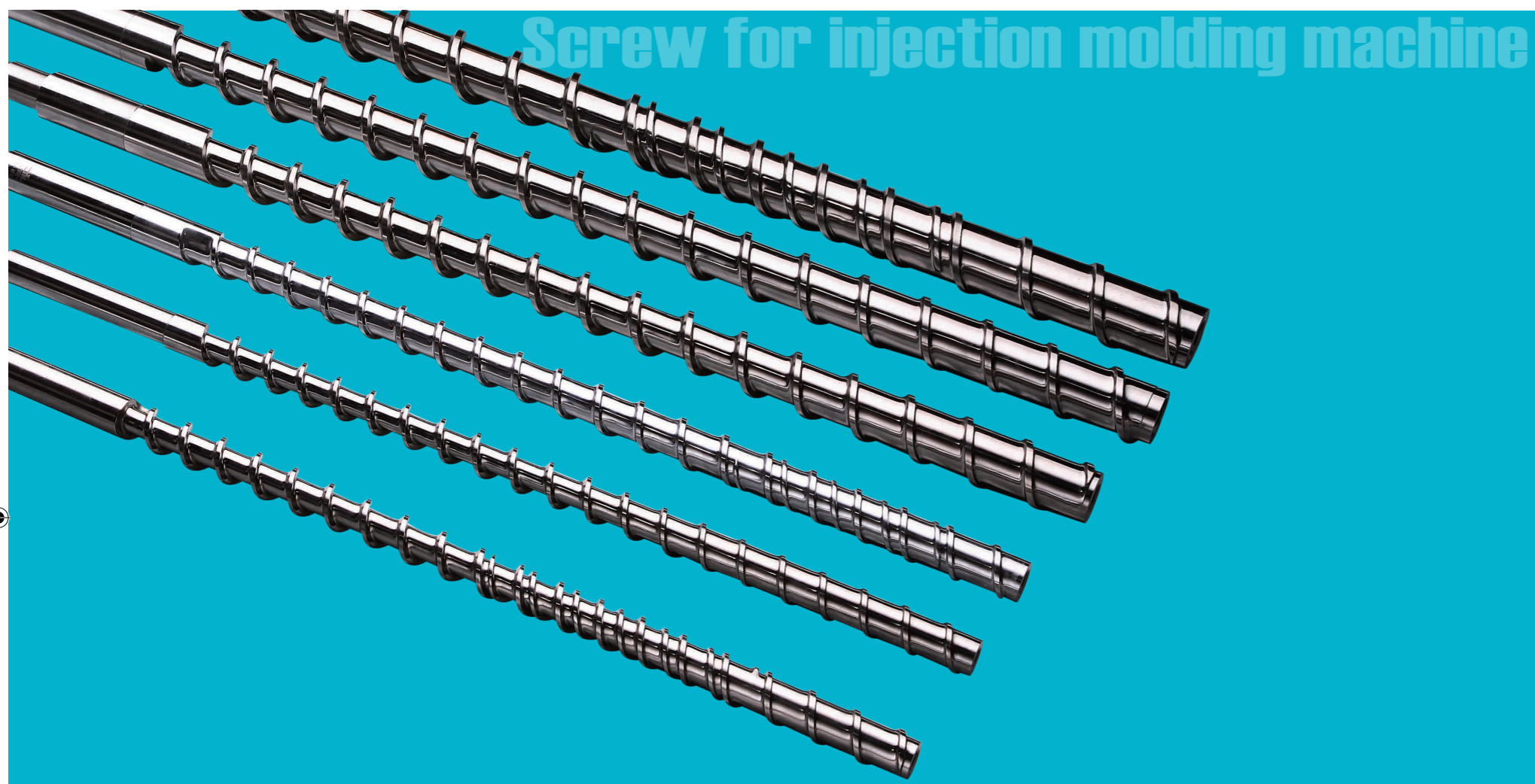
公司拥有国际上最先进的合金喷涂设备, 镀铬车间, 先进的热处理车间拥有的氮化炉, 真空淬火炉, 渗碳炉等, 先进的设备以保证产品的质量。

Advanced heat treatment equipments and test devices

The advanced heat treatment, alloy powder unit, vacuum quench and cementite oven and chrome plating workshop insure our products has higher quality.



原材料的物理及化学检测 Physical and chemical analysis for raw material



1、材质：38CrMoAlA  
氮化处理，表面硬度：HV≥900  
氮化层深度：0.5-0.8mm

2、材质：特殊不锈钢，  
淬火处理，硬HRC55-58，适合各种透明料及腐蚀性强的物料，提高螺杆的使用寿命。

3、材质：表面碳化钨超音速整体喷焊，提高螺杆的耐磨性

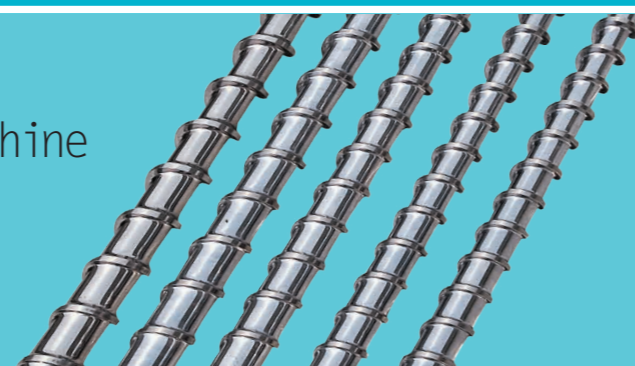
1.Base material: 38CrMoAlA  
Nitriding treatment, Surface hardness: HV≥900  
Nitriding depth: 0.5-0.8mm

2.Base material: Stainless steel  
Quenching treatment, hardness: HRC55-58.  
Suitable for the screw which used for transparence plastic products and high corrosion plastic processing, prolong life of screw.

3.Material: WC etc.  
Surface spraying, improve abrasion performance of screw.



注塑机螺杆  
Screw for injection molding machine





## Barrel for injection molding machine

1、材质：38CrMoAlA  
氮化处理，表面硬度：HV≥900  
氮化层深度：0.5-0.8mm

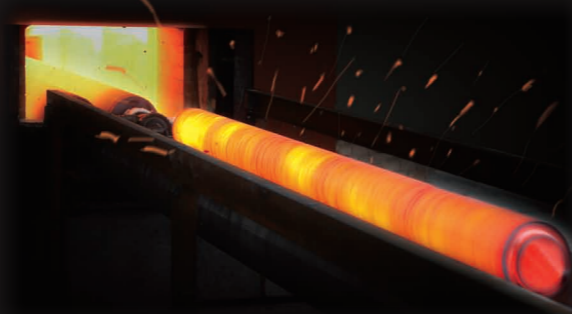
2、材质：双合金浇铸，提高机筒的使用寿命

1.Base material: 38CrMoAlA  
Nitriding treatment, Surface hardness: HV≥900  
Nitriding depth: 0.5-0.8mm

2.Material: Tungsten carbide alloy, Centrifugal casting, prolong life of barrel.



注塑机机筒  
Barrel for injection molding machine







# Barrel for injection molding machine



1、材质：38CrMoAlA,  
氮化处理，表面硬度：HV≥900  
氮化层深度：0.5-0.8mm

2、材质：特种合金钢经过真空淬火等热处理工艺，能大大提高三小件的使用寿命

1.Base material: 38CrMoAlA  
Nitriding treatment, Surface hardness: HV≥900  
Nitriding depth: 0.5-0.8mm

2.Base material: Alloy steel Vacuum quenching treatment, prolong life of spares.



## 注塑机螺杆附件 Assemblies of screw & barrel

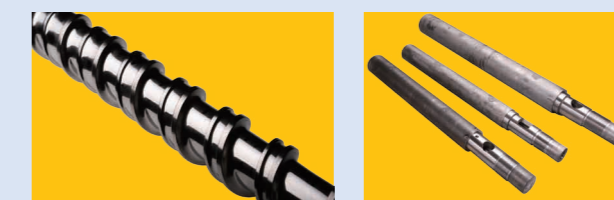




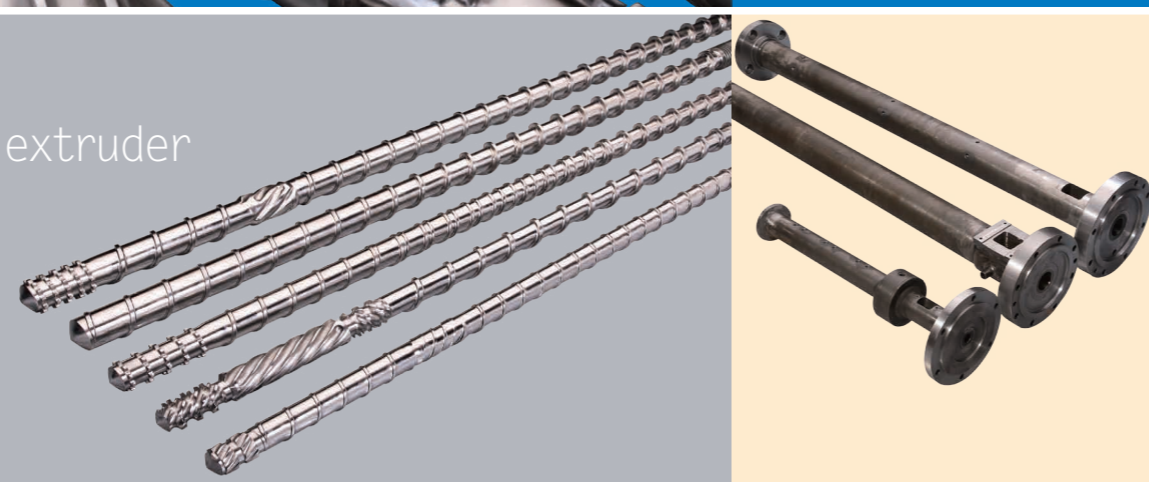
## Screw & Barrel for single screw extruder

规格:  $\Phi 15\text{mm}$  up to  $\Phi 300\text{mm}$   
 最大长度: 不大于10000mm  
 1、材质: 38CrMoAlA  
 氮化处理, 表面硬度:  $\text{HV} \geq 900$   
 氮化层深度: 0.5-0.8mm  
 2、材质: 表面WC/Co整体喷焊, 能有效提高螺杆的使用寿命

Specifications:  
 Diameter:  $\phi 15\text{mm}$  up to  $\phi 300\text{mm}$   
 Max. length: not over 10000mm  
 Base material: 38CrMoAlA  
 Nitriding treatment, Surface hardness:  $\text{HV} \geq 900$   
 Nitriding depth: 0.5-0.8mm  
 Material: WC etc.  
 Surface spraying, prolong life of screw



单螺杆挤出机螺杆机筒  
Screw & barrel for single screw extruder



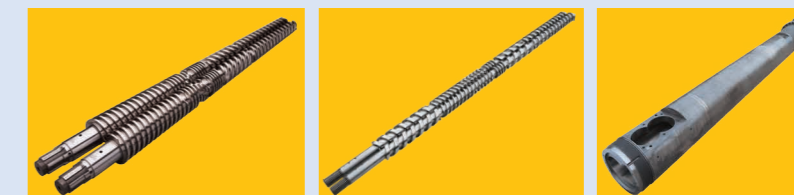


## Conical (parallel) twin screw & barrel

- 1、材质：38CrMoAIA  
氮化处理，表面硬度：HV≥900  
氮化层深度：0.5-0.8mm
- 2、材质；基材38CrMoAIA,螺棱表面采用双合金浇焊，有效的提高了螺杆的寿命
- 3、材质： 基材38CrMoAIA，料口易磨损部分采用进口合金钢材，经过特殊处理，能有效提高机筒的耐磨性，提高使用寿命

1|Base material: 38CrMoAIA  
Nitriding treatment, Surface hardness: HV≥900  
Nitriding depth: 0.5-0.8mm

2|Base material: 38CrMoAIA, Welded inlay on the flight, prolong life of screw.  
Easy wearing parts of barrel feed inlet made from imported anti-wear alloy can be improved abrasion performance.



## 锥（平）双螺杆机筒 Conical (parallel) twin screw & barrel

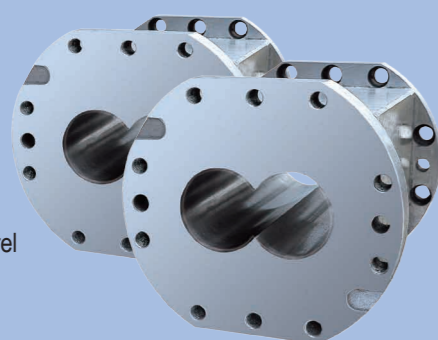




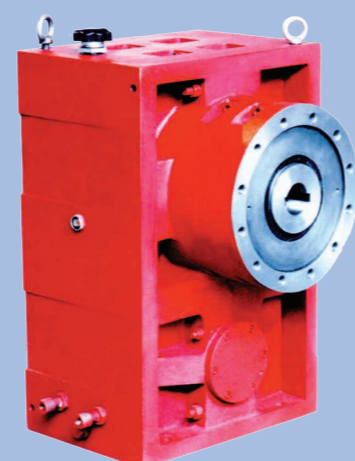
## Assemblies of plastis machinery



积木式螺杆  
Segmental screw



积木式机筒  
Segmental barrel

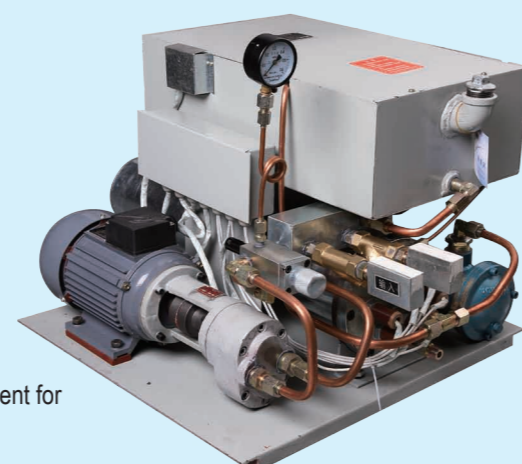


硬齿面磨齿减速箱  
Gear box with gears hardend and grinding



真空泵  
Vacuum pump

## 塑料机械附件系列 Assemblies of plastis machinery



螺杆机筒调温装置  
Temperature adjusting equipment for screw & barrel



哥林柱 (拉杆)  
Tie bar

