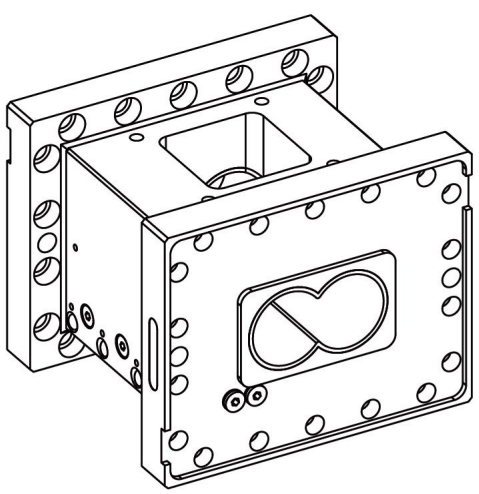



# 挤出机配件性能优化

# Extruder Spare Parts

## Modular Screw Barrels & Elements

## 积木式筒体和螺纹元件



Since 2006

南京智田机电有限责任公司

Nanjing Zhitian Mechanical And Electrical Co., Ltd.

# 筒体 SCREW BARREL

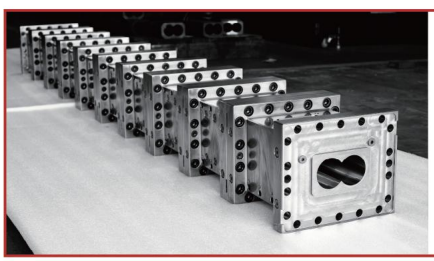
来样定制
Customization

衬套更换
Liner
Replacement

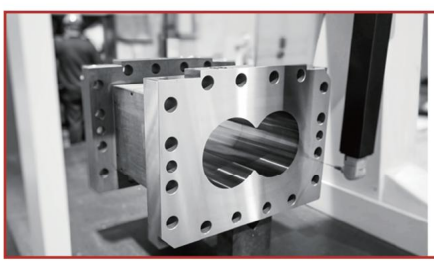
机筒翻新
Barrel
Refurbishment

疏通水道
Cooling
Channel Repairs

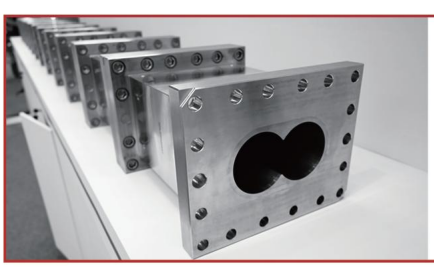
## 应用领域 Application Fileds



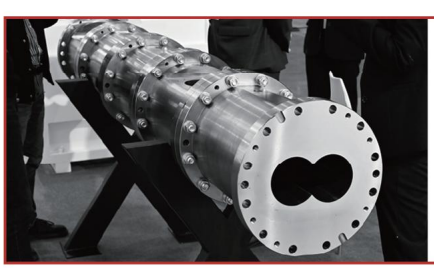
橡塑行业挤出机 Rubber and Plastic



石化挤压造粒机 Petrochemical Granulation



电池浆料连续匀浆 Battery Electrode Slurry



食品饲料膨化机 Food and Feed

其它

智田 | 挤出机配件专业制造商
ZHITIAN Professional Manufacturer Of Extruder Parts

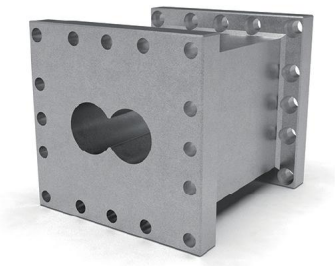
# 筒体类型 Type Of Barrels

## 筒体类型 Type Of Barrels

### 無 无衬套式筒体 Barrel without liner

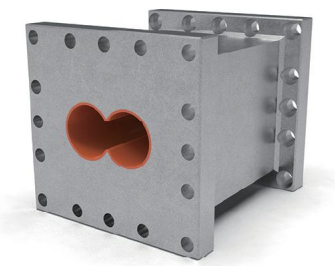
#### 整体筒体 Solid Barrel

- 哈C合金 Hastelloy-C Alloy
- 氮化钢 38CrMoAla
- 不锈钢 304/316/316L Stainless Steel



#### 直接复合筒体 Direct Compound Barrel

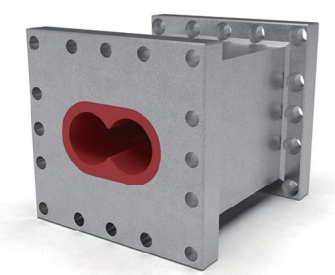
- ZT610 Ni60 Based+Cu
- ZT615 Ni60 Based
- ZT625 Ni60 Based+Tungsten carbide
- 钴基合金含碳化钨 Cobalt Based+Tungsten carbide



### 有 有衬套式筒体 Barrel with liner

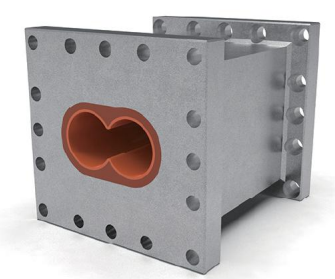
#### 整体套筒体 Complete Liner Barrel

- 氮化钢套 38CrMoAla Liner
- 不锈钢套 440C Stainless Steel Liner
- 模具钢套 Cr12MoV Liner
- SKD11/SKD61套 SKD11/SKD61 Liner
- DC53套 DC53 Liner
- 工具钢套 W6Mo5Cr4V2 Liner
- ZTCr26套 ZTCr26 Liner
- SAM26/WR13套 SAM26/WR13 Liner
- CPM10V/WR5套 CPM10V/WR5 Liner
- ZT610套 Ni Based Liner+Cu
- ZT615套 Ni Based Liner
- ZT625套 Ni Based Liner+Tungsten carbide
- 钴基合金含碳化钨套 Cobalt Based Liner+Tungsten carbide



#### 复合套筒体 Compound Alloy Liner Barrel

- ZT610套 S45C+Ni60 Based Liner +Cu
- ZT615套 S45C+Ni60 Based Liner barrel
- ZT625套 S45C+Ni60 Based Liner+Tungsten carbide
- 钴基合金含碳化钨套 S45C+Cobalt Based Liner+Tungsten carbide



耐磨性能

# 材料工艺 Materials and Technology

自研

专业设备

新技术

新产品





激光熔覆工艺
Laser Cladding

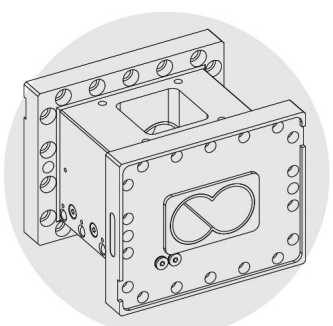
冷等静压技术
Cold Isostatic Pressing

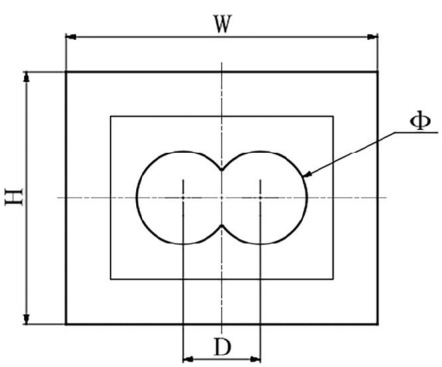
# 国内标准筒体尺寸 Standard Dimensions

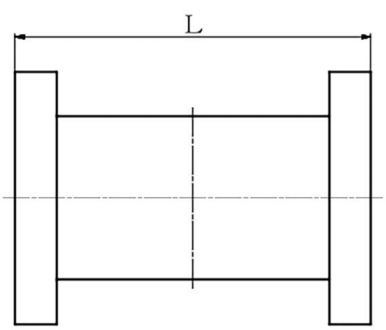
| 型号Model ▲ | 外形尺寸/L*W*H(mm) | 八字孔尺寸/Φ(mm) | 中心距/D(mm) |
|---|---|---|---|
| 35(36) | 150*160*140 | Φ36 | 30 |
| 40 | 160*175*145 | Φ41.6 | 34.5 |
| 50 | 190*190*150 | Φ51 | 42 |
| 52 | 210*200*155 | Φ52 | 43 |
| 58 | 240*220*175 | Φ58 | 48 |
| 60 | 240*210*170 | Φ60 | 52 |
| 65 | 240*210*170 | Φ63 | 52 |
| 75 | 290*260*200 | Φ71.8 | 60 |
| 85 | 320*280*215 | Φ81.9 | 67.8 |
| 92 | 360*310*240 | Φ92 | 78 |
| 95 | 360*310*240 | Φ94 | 78 |

▲ 加工范围 15-400 PROCESSING RANGE: 15-400

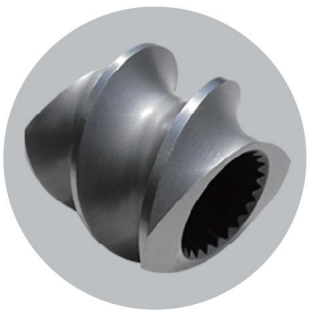
注意!如需上述未列出型号，请与智田联系。





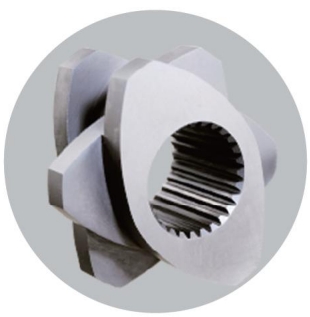
# 螺纹元件 SCREW SEGMENTS



## 输送元件 / Convey Element

将物料送进挤出机，导程的大小决定输送的快慢，所以在不同的功能区选用不同的输送元件，特殊设计的螺纹块还可以进一步提供喂料量。

For feeding and conveying the raw materials to the extruder.The pitch leads to delivery speed.Special design feeding screws can further increase capacity.



## 剪切元件 / Kneading Element

剪切分散物料，使物料部分或全部熔融后实现充分混合。

For heating the material to make some or all materials,mixing the materials fully.



## 特殊元件 / Special Element

物料的不同，选用特殊规格螺纹元件，实现各种需求，如三头&偏心元件，齿形盘，星形盘，转子，SK元件等

3KB Kneading block,SME Element,TME Element,ZME Element,Rotor Element,TKD Element,SK Element etc.

# 材料 MATERIAL

| | | |
|---|---|---|
| 高速工具钢 W6Mo5Cr4V2 | 优质氮化钢 38CrMoAla | 模具钢 Cr12MoV |
| 不锈钢 WR30/WR45/304/316/316L/4Cr13/SUS440C/1.4112/9Cr18MoV | | 镍基合金 Ni60 |
| PM-HIP粉末合金 SAM10/CPM10V/SAM39/X235/X245/X260/WR5/WR13/WR14 | | |

智田官方网站

智田微信公众号


**南京智田机电有限责任公司**

Nanjing Zhitian Mechanical And Electrical Co.,ltd.

手机（Mob）：86-13770960051

网站（Web）：www.njzhitian.com

邮箱（Email）：zt@njzhitian.com

地址：南京市江宁区淳化街道田园社区

Add : Tianyuan Community,Chunhua Street,Jiangning District,Nanjing,China