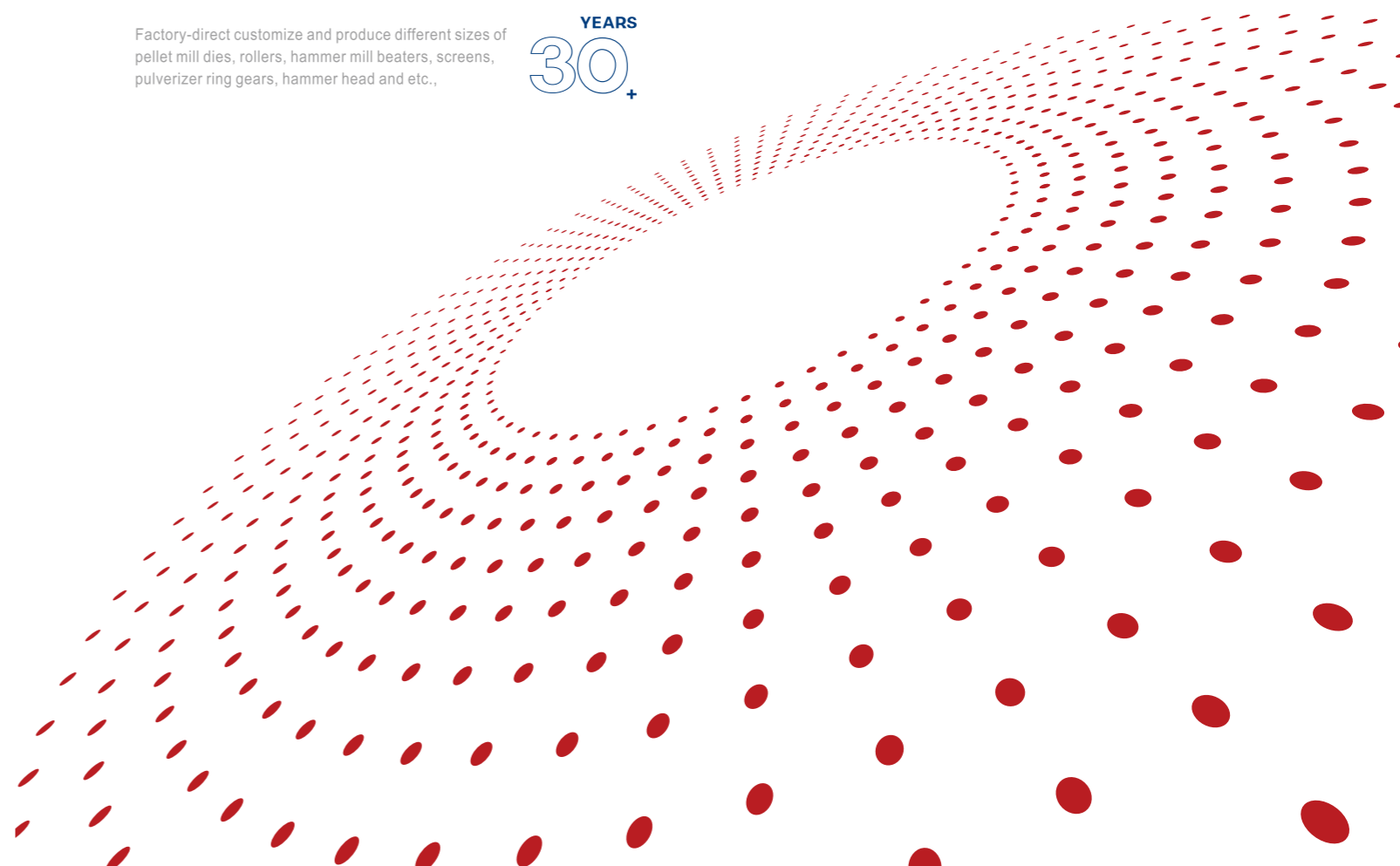




PROFESSIONAL FEED MACHINE CONSUMABLE PARTS MANUFACTURER

Factory-direct customize and produce different sizes of
pellet mill dies, rollers, hammer mill beaters, screens,
pulverizer ring gears, hammer head and etc.,

YEARS
30+



ABOUT JINDING.

2023



LEADER OF CONSUMABLE PARTS INDUSTRY.

Jinding Machinery is a professional manufacturer of feed machine consumable parts. Our company mainly produces pellet mill spare parts, hammer mill spare parts, ultra-fine pulverizer spare parts and extruder spare parts.

Our company was founded in 1992 and is located in Meishan, Sichuan, China. With stable development for more than 30 years, we have accumulated rich experience and can provide our customers with expert advice on product selection and design.

In order to adapt to the changing market environment, we have continuously introduced the most advanced equipment. We strictly control every step of the production process, from the selection of raw materials to the final product. Meanwhile, factory-direct supply allows us to control the delivery cycle to ensure the shortest possible delivery time. Our scientific research team evaluates existing products and assists in developing new ones at the same time. We are always committed to putting the needs of our customers first, which has allowed us to earn thousands of customers' trust.

We appreciate the support of old customers and will continue to provide high-quality products and services. At the same time, we are looking forward to long-term win-win cooperation with new customers.

PRODUCT LIST.



1. PELLET MILL SPARE PARTS

Ring Die
Roller Shell
Roller Assembly
Flat Die
Pellet Mill Dust Cover
Safty Pin
Eccentric Shaft
Blade
Reinforcement Ring
Pellet Mill Die Cover, Etc.

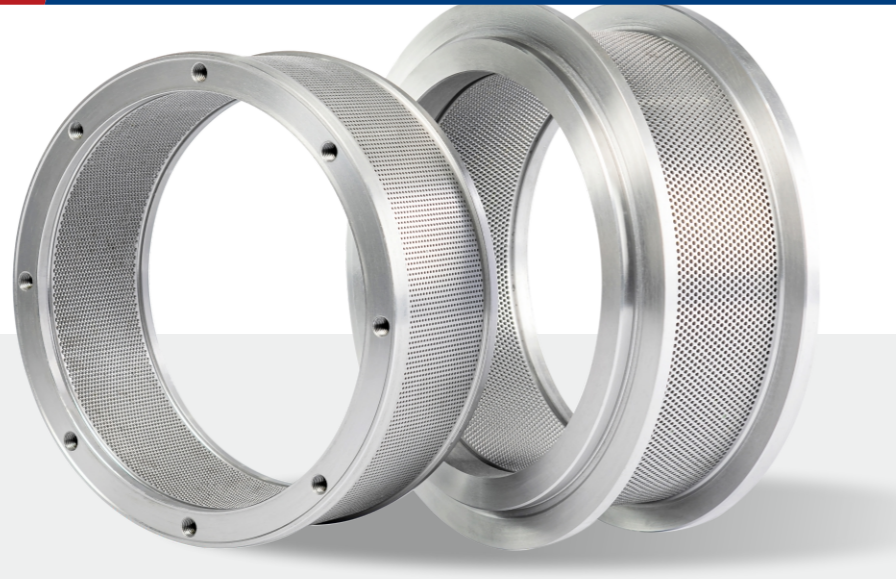
2. HAMMER MILL SPARE PARTS

Hammer Beater
Sieves, Etc.

3. ULTRAFINE PULVERIZER SPARE PARTS

Ring Gear
Hammer Head
Wear-resisting Plate
Steel Classifier Wheel
Pulverizer Airflow Cover, Etc.

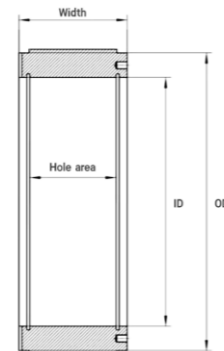
Ring Die



Product	Ring Die
	Pellet mill spare parts, suitable for animal feed, such as poultry feed, livestock feed, aquatic feed, etc., as well as biomass pellets, such as wood pellets, rice husk pellets, etc.
Model	Various
Customizable or Not	Yes
Material	X46Cr13(common), other material we will be considered based on customer needs
Application	Feed pellets, Biomass
Inner diameter	Any size above 320mm
Hole diameter range	φ0.6-16.0mm
Hole pattern	Customized / Specific Hole Distribution
Compressed Ratio(L/D)	Customized
Heat treatment	Vacuum heat treatment
Hardness	HRC 52-55
Production Period	Around 3 weeks

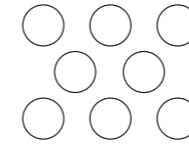


Efficiency inventory management of raw material

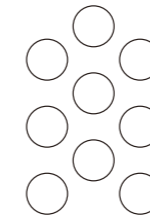


Advanced CNC ring die deep hole drilling equipment, imported German gun needles

Die hole:

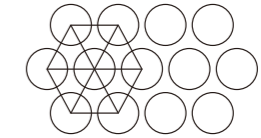


Horizontal arrangement



Vertical arrangement

Layout of discharge holes:



Any three adjacent holes are distributed in an equilateral triangle

Jinding provides ring dies of various brands and models, such as CPM, BUHLER, FAMSUN, IDAH, Andritz, Van arson, etc.

We recommend the following compression ratios for different hole size of different feed varieties:

Variety	Common hole size	Compressed Ratio(L/D)
Pig feed	4.0	1:5-1:8
Aquatic feed	3.0	1:9-1:14
Broiler feed	3.0	1:9-1:17
Duck feed	3.5	1:9-1:13

L/D ratio: Customized, Depends on the ring die material, the number of holes, the size of diameter and production variety. Our engineers can help customers design dies with a suitable compression ratio and intensity

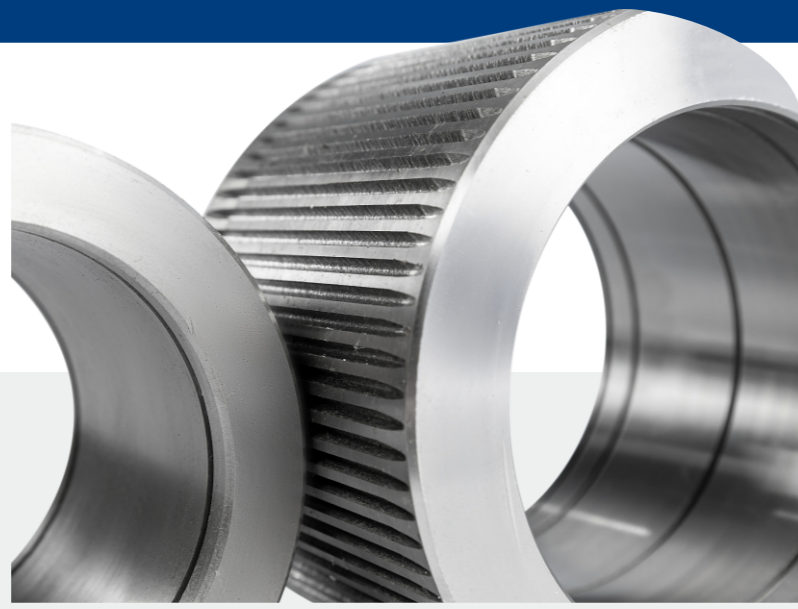
Span life:

The actual life is determined by several factors such as ingredients quality, formula composition, operation level etc.

NOTE!

The above dimensions are for your reference only. Please contact us for more information about models and dimensions.

Roller Shell



Product	Roller Shell
Pellet mill spare parts, cooperate with the die to process animal feed pellets, biomass pellets, etc.	
Model	Various
Customizable or Not	Yes
Material	20CrMnTi,40Cr,100Cr6,16MnCr15, other material we will be considered based on customer needs
Application	Feed pellets, Biomass
Inner diameter	Above 80mm
Outside diameter	Within 500mm
Tooth surface type	Customized, straight corrugations, closed corrugations, full dimples, corrugations with dimples, skewed corrugations, herringbone corrugations, and curved corrugations, etc.
Hardness	HRC 58-62
Production Period	Around 2 weeks

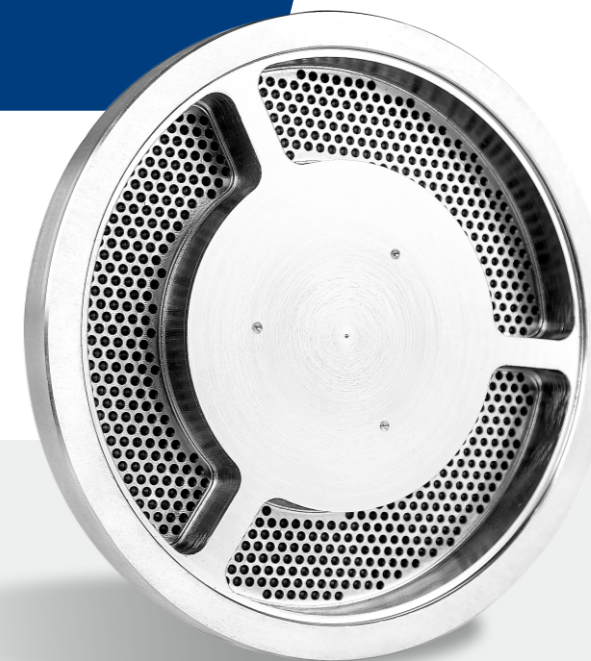
► High-speed CNC gear hobbing machine is used in the roller shell, making the teeth more uniform in shape

► **Roller Assembly**
We can also provide complete roller shell assemblies for pellet mills.



Roller Assembly

Flat Die



Product	Flat Die
Extruder spare parts used for the production of aquatic pellets(floating feed)and pet feed	
Model	Various
Customizable or Not	Yes
Material	H13
Application	Feed pellets, Biomass
Diameter	Above 300mm
Hole diameter	Above \varnothing 0.5mm
Opening rate	Depends on the number of hole and the size of diameter
Heat treatment	Vacuum heat treatment
Hardness	HRC 49-52
Production Period	Around 2 weeks

✉ Hammer Beater

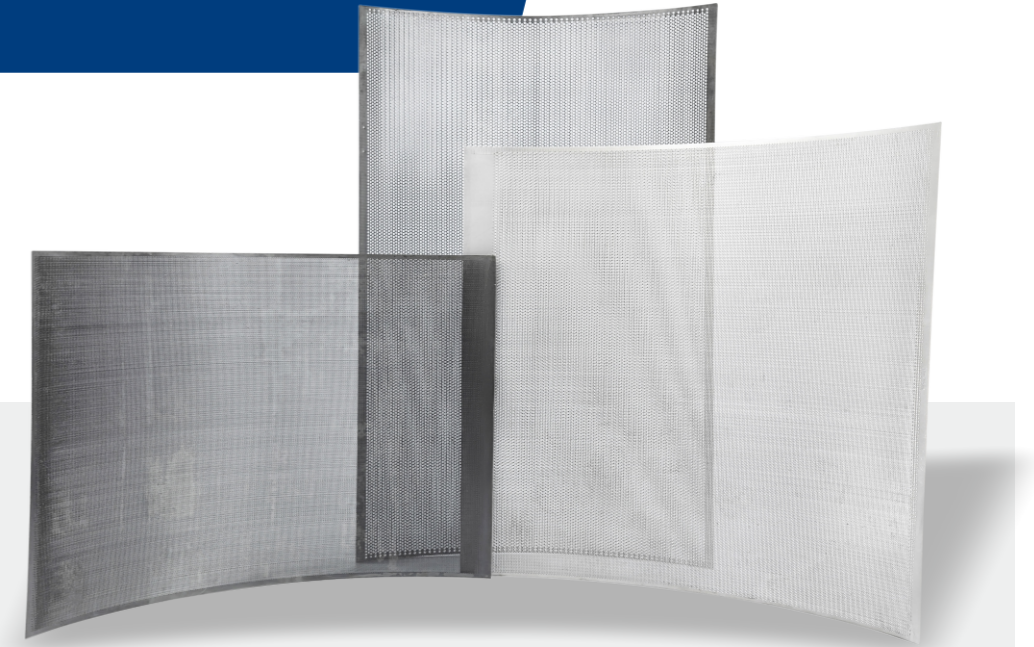


Tungsten carbide

Product	Hammer Beater
Hammer mill spare parts with tungsten carbide, for hitting crushed material	
Model	Variety of shapes
Customizable or Not	Yes
Material	Q355
Thickness	3-8mm
Surfacing hardening material	Tungsten carbide
Tungsten carbide thickness	4-6mm
Hardness	Hole area < HRC28 , Corners area: HRC58-62 Tungsten carbide : 9-9.5 on Mohs scale
Production Period	Around 1 week

- ▶ Welded tungsten carbide increases wear resistance
Weight difference ≤ 1g

✉ Sieves



Product	Sieves
Hammer mill spare parts, used to control the particle size of the pulverized product	
Customizable or Not	Yes
Material	ST12
Aperture Size	0.6-20.0mm
Thickness	0.6-8.0mm
Hardness	HV 150-180
Surface nitriding depth	0.20-0.30
Production Period	Around 1 week

- ▶ 1.CNC feeding system is used for the sieves
- ▶ 2.High smoothness and unique sieves hole pattern, no continuous holes
- ▶ 3.The sieves has a high opening rate
- ▶ 4.Variety of sieves with different apertures

Ring Gear

- ▶ Ring gears can be integral or split
Welding alloys increase wear resistance and enhance crushing efficiency



Product	Ring Gear
	Ultra-fine pulverizer spare parts, superfine grinding of shrimp feed, extruded feed, other aquatic feeds
Customizable or Not	Yes
Material	Q235 + Alloys
Outside diameter	Within $\phi 2500\text{mm}$
Hardness	HRA 90-92
Production Period	Around 2 weeks

Hammer Head

- ▶ Ultra-fine pulverizer spare parts, impact the material on the ring gear to pulverize
Material : ZK10UF
Welding alloys increase wear resistance and enhance crushing efficiency



Wear-Resisting Plate

- ▶ Ultra-fine pulverizer spare parts welding alloys, to protect the rotary plate
Material: NM500
Welding alloys increase wear resistance and enhance crushing efficiency



Steel Classifier Wheel

- ▶ Ultra-fine pulverizer spare parts for particle size sorting



Pulverizer Airflow Cover

- ▶ Ultra-fine pulverizer spare parts, the main function is to guide the material and divert the material



OTHER SPARE PARTS.

Pellet Mill Dust Cover

Spare parts for assembling Roller Assembly



Safety Pin

Granulator spare parts, to protect other parts of the granulator from damage



Eccentric Shaft

Spare parts for assembling Roller Assembly



Blade

Spare parts of the pellet mill



Reinforcement Ring

Spare parts of the pellet mill



Pellet Mill Die Cover

Spare parts of the pellet mill



ADVANCED EQUIPMENT.



CNC Deep Hole Gun Drill



CNC Flat Die Drilling Machine



Stamping Workshop



Laser cutting machine



CNC High Speed Gear Hobbing Machine



Gun Drill Workshop For Ring Die Manufacturing



Heat Treatment Workshop



Precision Workshop



Vacuum Furnace

Service Process

- Information acquisition
- Parameters design
- Product manufacturing
- Delivery
- After-sales guidance

Service

24/7 global delivery and after-sales support

We offer tailor-made products based on customer needs

We offer customer-specific inventory plans

Short leading time

From raw materials to any subsequent steps, we regularly inform our customers about our manufacturing processes

We are willing to listen to the voice of our customers with any suggestion that can improve our products and services

JINDING HAVE ESTABLISHED LONG-TERM COOPERATIVE RELATIONSHIPS WITH MANY WELL-KNOWN COMPANIES AROUND THE WORLD

...



WE ARE SINCERELY LOOKING FOR
LONG-TERM WIN-WIN RELATIONSHIP WITH YOU.

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