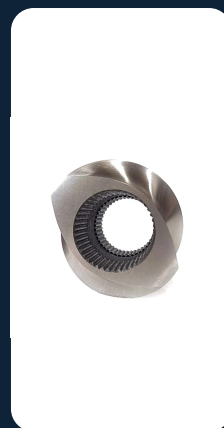
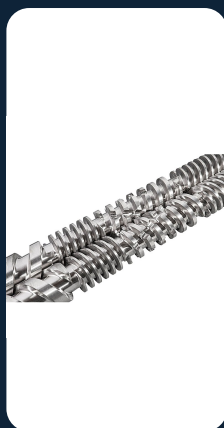




SCREW BARREL PRODUCT CATALOG

Injection | Extrusion | Twin Screw | Bimetallic | Rubber | Planetary | XPS



Henan Xiwang Machinery Equipment Co., Ltd.

Screw barrels and spare parts for plastic extrusion and injection molding machines

14,000+ m2 plant · 18 years in operation · 70-80 staff · Exported to 30+ countries

Tel / WhatsApp: +86-13503734287

Email: info@xiwangindustry.com

Web: www.xwscrewbarrel.com

This catalog is for reference. Custom manufacturing to drawing or worn sample is our daily business.



About Xiwang Machinery

One roof, full process control - from steel bar to shipped set

www.xwscrewbarrel.com

14,000+ m2

Manufacturing facility in Henan, China

4 + 4

Centrifugal casting & gas nitriding furnaces

70-80

Staff including machining and QC teams

Ø300 mm

Max machining diameter, 3,000-5,000 sets/y

18 Years

In operation since 2008, exported to 30+ countries

In-house

Casting, nitriding, deep-hole boring, CNC, grinding, QC

Every step under our own roof

Centrifugal bimetallic casting (Fuji temperature control), gas nitriding to HV 900-1020, deep-hole boring and honing with German tooling, CNC thread milling, OD grinding and a full inspection of hardness, runout and dimensions on every finished set before packing. Nothing critical is outsourced - that is how we hold tolerances and delivery times.



Screw & barrel sets on the shop floor of our 14,000 m2 workshop

Injection Screw Barrel

Matched sets for 90-450 t injection moulding machines; nitrided or bimetallic, screws and barrels to drawing.



Screw & barrel for PET preform moulding



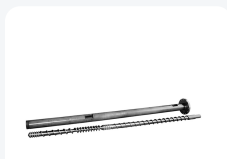
Bimetallic injection barrel, 2-5 mm alloy lining

Extruder Screw Barrel

Single screw barrels for pipe, film, sheet, pelletizing and cable extrusion lines; vented and groove-feed designs.



Vented (two-stage) extruder barrel



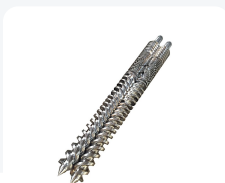
Groove-feed barrel for HDPE pipe lines

Parallel Twin Screw Barrel

For PVC pipe, profile and WPC extrusion on parallel twin-screw lines; nitrided or bimetallic.



Parallel twin barrel, honed bore, custom ports



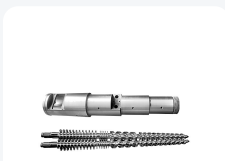
Matched parallel twin screw pair

Conical Twin Screw Barrel

Conical twin sets 51/105 to 110/220 for PVC pipe, profile and sheet production.



Conical twin set 110/220



Conical twin barrel, deep-hole bored

Bimetallic Screw Barrel



Centrifugally cast 2-5 mm alloy-lined bores for recycled, filled and corrosive materials.



Bimetallic single screw, hardfaced flights



Bimetallic twin barrel for twin-screw machines

Rubber Screw Barrel

Hot-feed, cold-feed and pin-type screws and barrels for rubber extrusion and strainer machines.



Cold-feed rubber extruder barrel



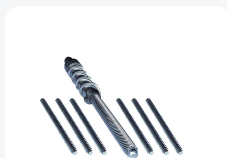
Pin-type rubber barrel & screw

Planetary Screw Barrel

Planetary roller screw and barrel sets for rigid PVC compounding and calendering lines.



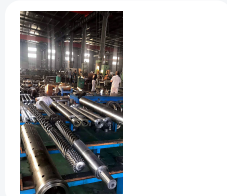
Planetary screw spindle



Planetary barrel, honed raceways

XPS Foamed Screw Barrel

Screws and barrels for XPS foamed board production lines, large format up to Ø300 mm.



Long XPS extrusion screw



XPS foamed barrel with temperature control

Segment Screw Barrel & Spare Parts

Modular barrels, screw elements, kneading blocks, shafts and wear parts for twin-screw compounders.



Segment (modular) barrel with alloy lining



Kneading blocks for compounding



Standard Materials & Treatments

Barrel material	38CrMoAlA nitrided steel / bimetallic alloy-lined (2-5 mm)
Nitriding hardness	HV 900-1020, case depth 0.5-0.8 mm, batch-traceable
Bimetallic alloy	Centrifugally cast, wear & corrosion resistant
Screw steels	38CrMoAlA, 42CrMo and alloy steels, spectral-verified per batch
Machining	Deep-hole boring & honing (German tooling), CNC thread milling, OD grinding
Inspection	Hardness, runout and dimensional checks on every finished set
Max diameter	Ø300 mm; 3,000-5,000 sets per year
Export packing	Rust-proofed, capped, wooden-cased for sea / air / express

For a fast quotation, please tell us:

1. Your machine brand and model (or a photo of the nameplate)
2. Screw / barrel dimensions, or a drawing or worn sample
3. Material you process (resin, filler content) and required material
4. Quantity and destination port

Send Your Inquiry

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www.xwscrewbarrel.com