



Large Lead Conveying Thread Elements for Twin Screw Extruder, High Throughput Screw Segments for Feed Section

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: HLD
- Certification: CE/ISO
- Model Number: TSE-65
- Minimum Order Quantity: 1
- Delivery Time: 7 work days
- Payment Terms: T/T



Product Specification

- Screw Design: Double Screw
- Main Features: High Torque/High Output/High Efficiency
- Process Material: PA/PE/PP
- Machine Material: W6Mo5Cr4V2 OR CUSTOMIZED
- Screw Diameter: 62.4mm
- Model: Customized
- Application: Plastic Pelletizer
- Screw Hardness: 60-62
- Highlight: **large lead screw segments for extruder, high throughput twin screw elements, feed section screw conveying threads**



More Images



Product Description

Large-lead high-throughput conveying screw elements are specially designed for the feeding section and exhaust transition section of twin

screw extruders. Adopting large-pitch and large-lead optimized structural design, these screw segments have super material conveying capacity and extremely high production throughput, which can greatly improve the unit output of the extruder. At the same time, the low-shear conveying structure avoids excessive shear heating of materials in the feeding stage, effectively preventing thermal decomposition, discoloration and performance degradation of heat-sensitive materials. The products are made of high-quality wear-resistant alloy steel with deep nitriding treatment, with high hardness, wear resistance and stable long-term operation. The self-cleaning performance is excellent, no material accumulation and residual dead angle, which is very suitable for high-output plastic granulation, biodegradable material production, waste plastic recycling and heat-sensitive material modification production lines. The products are compatible with all mainstream co-rotating twin screw extruder models. We support mass batch production and fast bulk delivery. In terms of service, we provide professional output optimization guidance, free process parameter adjustment suggestions, detailed product use specifications, 24-hour online after-sales consultation, regular product use effect follow-up and long-term technical support services.


The material of the threaded element

Model	L/D	Screw national standard diameter
H-20B	28~60 :1	21.7mm
H-35B	28~60 :1	35.6mm
H-50B	28~60 :1	51mm
H-65B	28~60 :1	62.4mm
H-75B	28~60 :1	71.5mm

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