



## Twin Screw Extruder Threaded Elements, Conveying Screw Segments for Plastic Compounding, Wear-Resistant 38CrMoAl

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: HLD
- Certification: CE/ISO
- Model Number: TSE-35
- 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
- Screw Diameter: 35.6mm
- Model: TSE-35
- Application: Plastic Granulator
- Screw Hardness: 60-64



### More Images



### Product Description

Our twin screw extruder conveying threaded elements are core modular spare parts for co-rotating twin screw extrusion systems. Adopting

high-quality 38CrMoAl nitrided steel and W6Mo5Cr4V2 high-speed steel as base materials, all screw segments undergo strict integral quenching, tempering and deep nitriding heat treatment, achieving high surface hardness, strong wear resistance and excellent anti-fatigue performance. The products feature precise CNC integrated machining, smooth tooth profile, accurate spline tolerance, stable material conveying speed and uniform feeding effect. These conveying segments are widely applicable for various plastic compounding, masterbatch production, plastic recycling, filler modification and polymer blending production lines, perfectly matching common extrusion working sections such as feeding conveying, transition conveying and venting conveying. We support full customized service of different outer diameters, pitches, lead lengths and structural specifications according to customer equipment parameters and production formulas. All products are inspected layer by layer through dimensional detection, hardness testing and surface flaw detection before delivery to ensure stable and durable operation. Our factory provides standardized export packaging, global safe logistics transportation, 12-month official quality warranty, lifelong technical consultation, remote installation guidance, operating parameter debugging support and long-term spare parts supply after sales.

#### 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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