



## High Wear Resistant Screw Elements for Twin Screw Extruder, $\phi 12$ – $\phi 71.5$ mm Extruder Spare Parts for Plastic Granulator

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: HLD
- Certification: CE/ISO
- Model Number: TSE-50
- 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/PLA/PET
- Machine Material: W6Mo5Cr4V2 OR CUSTOMIZED
- Screw Diameter: Customized
- Model: Customized
- Application: Plastic Granulator
- Screw Hardness: 60-64



### More Images



### Product Description

We supply full-size high wear-resistant twin screw elements with a complete diameter range from  $\phi 12$ mm laboratory small extruders to

φ71.5mm large industrial production extruders. In view of high wear working conditions such as waste plastic recycling, abrasive filler filling and high-load continuous production, we select high-standard 38CrMoAl nitrided steel, W6Mo5Cr4V2 high-speed steel and Stellite alloy wear-resistant materials. All screw segments undergo multiple heat treatment processes such as overall quenching, high-temperature tempering and deep ion nitriding, with super-high surface hardness, strong scratch resistance and ultra-long service life, which can effectively solve the problems of rapid wear, poor material mixing and frequent replacement of ordinary screw elements in recycling production. The products are precisely processed by imported CNC equipment, with accurate dimensions, good meshing performance and excellent self-cleaning effect, suitable for PET plastic recycling, PE/PP waste material granulation, plastic wood compounding and high-filler modified production lines. Our factory is ISO9001 certified, with standardized production and perfect quality control system. We provide free sample testing service, full-size customized processing, professional equipment matching scheme. After sales, we offer remote equipment fault troubleshooting, professional maintenance guidance, global logistics tracking service and lifelong spare parts supply guarantee.


#### 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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