



Twin Screw Extruder Mixing Elements, SME ZME TME Special Threaded Segments for High Filled Compounding

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

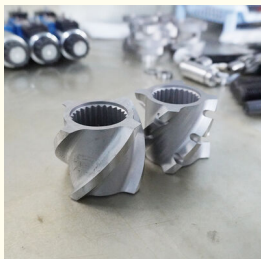


Product Specification

- 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
- Highlight: **Twin screw extruder mixing elements, SME ZME TME threaded segments, High filled compounding screw segments**



More Images



Product Description

SME, ZME, TME special mixing threaded elements are professional customized mixing components developed for high-filled, high-viscosity

and high-difficulty polymer compounding processes. Different from conventional conveying and kneading blocks, these special mixing segments adopt optimized variable pitch and special tooth profile design, which can realize strong distributive mixing and dispersive mixing without excessive shear heating, effectively solving the problems of uneven filler dispersion, material agglomeration and local overheating and carbonization in high-filler modification, fiber reinforcement and high-viscosity material processing. The products are made of high-quality alloy steel with fine finishing and strict nitriding treatment, featuring wear resistance, high temperature resistance and stable operation. They are widely used in calcium carbonate high filling, talcum powder modification, glass fiber reinforced plastics, flame-retardant engineering plastics and high-viscosity masterbatch production. We have complete conventional models in stock to support fast delivery, and can develop and produce non-standard special mixing elements according to customer unique process requirements. We provide one-stop pre-sales process optimization suggestions, free parameter matching, detailed product use precautions. After sales, we provide rapid after-sales response, product use effect tracking, free technical upgrade consultation and long-term after-sales maintenance 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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