



Kneading Block Shear Elements for Twin Screw Extruder, 30/45/60/90° Mixing Blocks for Polymer Blending

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: HLD
- Certification: CE/ISO
- Model Number: TSE-20
- 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
- Machine Material: W6Mo5Cr4V2
- Screw Diameter: 21.7mm
- Model: TSE-20
- Application: Plastic Granulator
- Screw Hardness: 60-64



More Images



Product Description

High-precision twin screw kneading blocks are professional shear and mixing core components designed for polymer modification

processing. We provide complete angle specifications including 30°, 45°, 60° and 90° kneading elements, covering low shear soft mixing, medium shear uniform dispersion and high shear strong crushing processing requirements. Made of high-alloy wear-resistant steel with precision CNC cutting and grinding processing, the kneading blocks have smooth gap matching, uniform material shearing force, no dead mixing angle and excellent self-cleaning performance during high-speed operation. They can fully disperse inorganic fillers, color masterbatch, glass fiber, talcum powder and flame retardants, effectively improving material uniformity, fineness and modification stability. The products are highly compatible with Coperion, Leistritz, JSW, Toshiba and all mainstream domestic and foreign twin screw extruder models. We support personalized combination matching according to customer material characteristics and process requirements. All products pass strict factory quality inspection and performance testing. In terms of after-sales service, we provide free pre-sales process scheme consultation, professional equipment matching guidance, detailed installation and use manuals, 12-month quality warranty, quick replacement service for defective products and 24-hour online technical after-sales response for global customers.


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

 **Nanjing Henglande Machinery Technology Co., Ltd.**

 +86 15251884557

 jayce@hldextruder.com

 extrudergranulator.com

NO.11, Qinghu Road, Hushu Town, Jiangning District, Nanjing, China.