



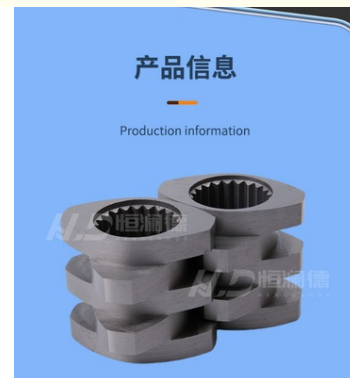
Wear-resistant Alloy Threaded Elements and Sleeves with HRC 65 Hardness and Modular Design for Twin Screw Extruders

Our Product Introduction

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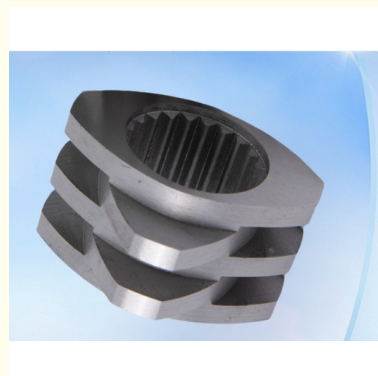
Basic Information

- Price: 1
- Delivery Time: 10-15



Product Specification

- Highlight: Wear-resistant Alloy Threaded Elements, HRC 65 Hardness Threaded Sleeves, Modular Design Twin Screw Extruder Components



More Images



Product Description

These wear-resistant threaded elements and threaded sleeves are specialized core components for various models of twin-screw extruders and pelletizers. Manufactured from wear-resistant alloy materials such as W6Mo5Cr4V2 high-speed steel,

they undergo full quenching and nitriding hardening treatments to achieve a hardness of up to HRC 65. They exhibit exceptional wear resistance, corrosion resistance, and impact resistance, making them suitable for pelletizing operations involving various modified, filled, and recycled plastics. The product features a modular design, comprising a variety of components—including conveying threads, mixing elements, and kneading elements—allowing for flexible combinations tailored to specific material processing requirements and optimal compatibility with corresponding equipment parameters. Utilizing high-precision CNC machining technology, these components feature uniform fit clearances, high coaxiality, stable operation, and superior self-cleaning properties. This design effectively prevents material accumulation and carbonization, ensuring optimal material conveying, plasticization, and mixing dispersion, thereby enhancing both the quality of the final pelletized product and overall production efficiency. The full range of components offers comprehensive specifications and strong compatibility, with a service life significantly exceeding that of conventional accessories. This reduces the frequency of equipment downtime for maintenance, effectively lowering operational and maintenance costs for enterprises, making these components an excellent choice for plastic extrusion and pelletizing production lines.

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