

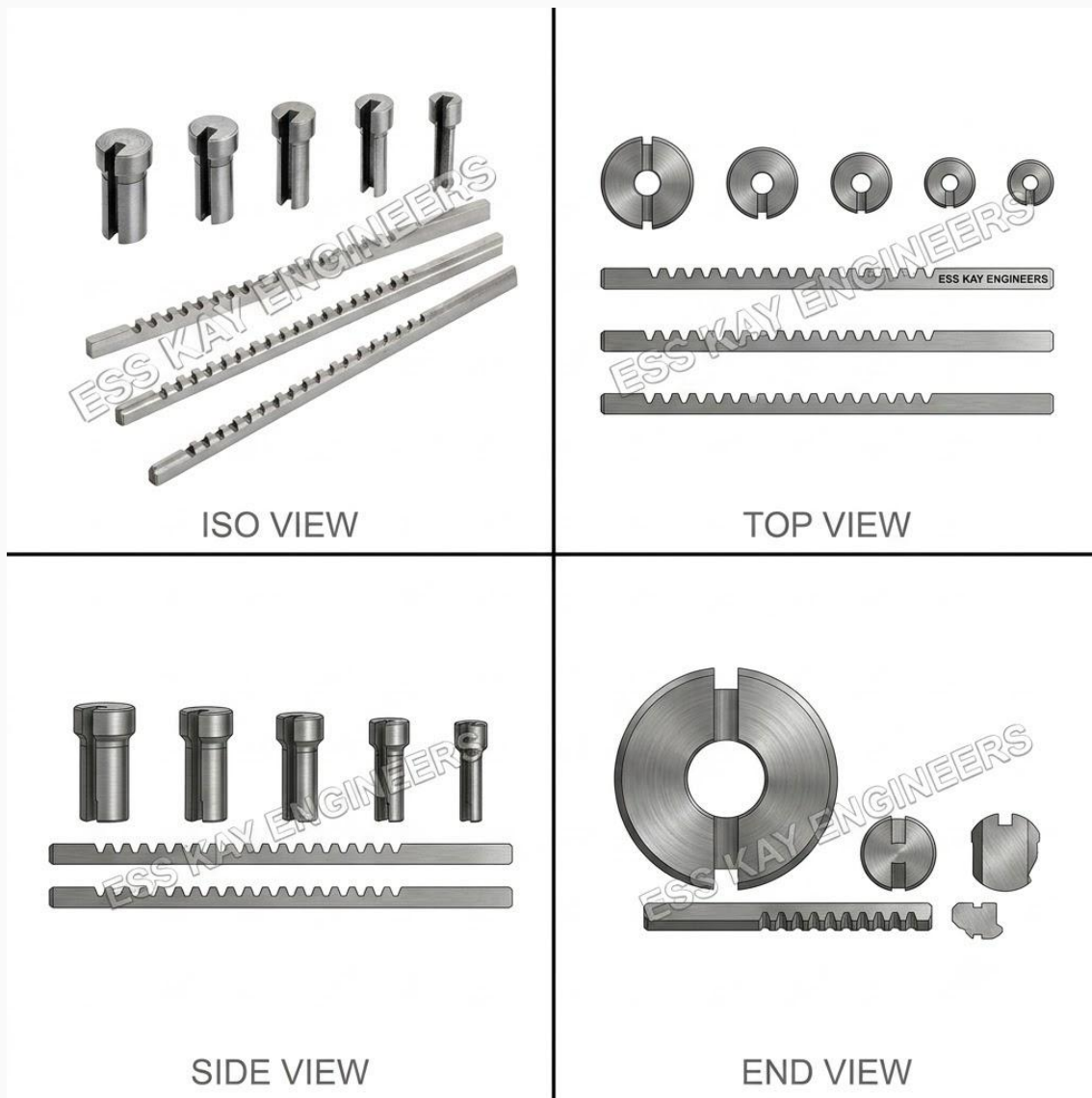
TECHNICAL PRODUCT SPECIFICATION

Micro Linear Rack & Slotted Collet Component System

Manufacturer:	ESS KAY ENGINEERS	Report Date:	July 1, 2026
Component:	Modular Micro Gear Racks & Slotted Pins / Collets	Document Ref:	EKE-MC-2026-11E

1. Multi-View Orthographic Layout

The detailed technical blueprint illustration below outlines the multi-axis views of the modular component set, highlighting the assembly configuration across standard projections: ISO View, Top View, Side View, and End View cross-sections.



2. System Parameters & Component breakdown

Design Profile Breakdown

- **Graduated Slotted Collets:** Includes five multi-size cylindrical locking collets featuring precision longitudinal expansion slots for precise shaft retention.
- **Straight Linear Gear Racks:** Fine-pitch straight-toothed modular racks engineered for precision micrometric positioning frameworks.
- **Concentric Alignment:** Perfect coaxial concentricity between collet bores and pin diameters, shown clearly through the structured cross-sections in the End View panel.
- **Quality Verification:** Formulated and monitored under rigorous manufacturing audits by ESS KAY ENGINEERS to ensure reliable interlocking performance.