

# Extruder Screws and Barrels

High-precision screws and barrels are designed for the rubber, electric wire, and cable industries. They are manufactured with advanced technology and quality materials for optimal performance and durability, suitable for various plastic and rubber machinery applications.



## Overview

### High-Precision Extrusion Components

These high-precision screws and barrels are engineered for demanding applications in the rubber, electric wire, and cable industries. Utilizing advanced manufacturing technology and premium materials, these components ensure optimal performance, durability, and processing consistency. They are compatible with a wide range of both domestic and imported rubber and plastic extrusion machinery.

## Technical Specifications

### Screw Diameter Range

**25 mm**

Min Diameter

**250 mm**

Max Diameter

### L/D Ratio

15-40

### Applicable Materials

Thermoplastic Plastics, Rubber

## Nitriding Treatment

### Nitrided Layer Depth

0.7 mm

### Nitrided Hardness

HVe900

## Surface Treatments

### Surface Treatment Properties

Treatment Type	Hardness	Roughness
Chromeplate	HRC62	Ra 0.2
Bimetallic	HRCe58	Ra 0.2
Standard Nitrided	HVe900	Ra 0.4

## Material Options

### Available Material Grades

- 40CrMoAl
- 855A
- SACM 645

### Quality Levels

A Grade (Imported Material) • B Grade (Domestic Material)