



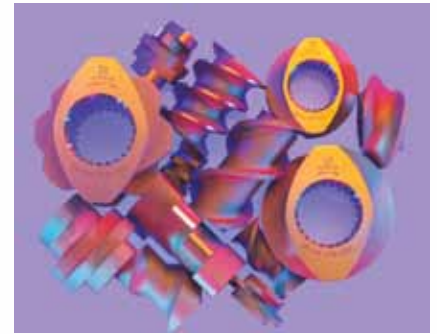
# CENTURY EXTRUSION

Your Partner in Productivity

High Performance Screw Elements from the industry's leading supplier of twin screw extruder replacement parts and services.

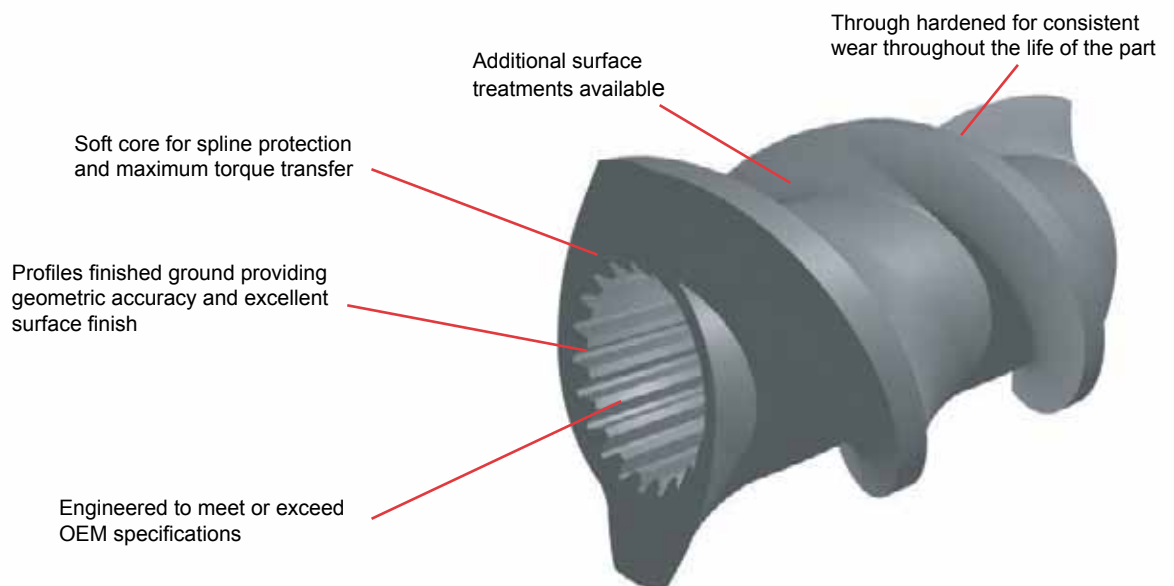
## Century Extrusion Advanced Technology

- Century Extrusion has developed the most comprehensive line of replacement screw elements available today.
- Offering more than 60 materials, Century Extrusion is able to meet your most specific wear and corrosion requirements.
- We are continually developing new materials to help you decrease cost of ownership and downtime.



## Century 10V-12 Advantage

- 10V-12 was developed by Century Extrusion to offer the best cost per wear available today.
- 10V-12 contains high levels of vanadium for excellent wear resistance as well as high levels of chromium for excellent corrosion resistance.
- 10V-12 is manufactured from powdered alloys utilizing HIPping technology. HIPped 10V-12 produces a homogeneous carbide distribution superior to conventional steels ensuring consistent wear throughout the part.
- Century Extrusion manufactures 10V-12 in-house in order to maintain tight control of quality, lead time, and cost.
- 10V-12 also utilizes a soft core to protect shaft splines and to ensure maximum transfer of torque.



Extruder Elements

## Wear and Corrosion Rating Chart

Material	Century Alloy No.	Rockwell Hardness	Wear	Corrosion
10V-12	60	57-62	██████████	███████
PM 10V	10	60-62	██████████	███████
17-4 with Hardface	96	38-42	██████████	███████
PM 9V	91	53-56	██████████	███████
D2	21	58-58	██████████	███████
Nitralloy	00	64-72	██████████	███████
440C	41	53-56	██████████	███████

### Element Capabilities

- Spline, hex, keyed
- Custom profiles
- High performance alloy steels selected to match specific applications
- Elements manufactured for more than 26 brands of twin screw extruders including:
  - Coperion/Werner & Pfleiderer
  - Berstorff
  - Clextral
  - Davis Standard
  - APV
  - And many more...

### Materials

- Century 10V-12
- PM 9V and 10V
- 440C
- Nitrided
- Many More...

### Inventory

Millions of dollars worth of components available for off the shelf delivery.

### Services

- Teardown and assembly service
- Screw maintenance program
- Screw configuration
- Metallurgical laboratory
- R&D / pilot lab
- 24-hour service hotline

### Our Commitment

Century Extrusion understands the unique challenges that processors face. We work continually on the development of new technologies that enable companies to increase their productivity and business success.



### CENTURY EXTRUSION

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