

# TRUEST

Quote More. Win More.

FEATURE RECOGNITION ESTIMATING

## CNC Milling Engine

Move from 3D model to a structured, defensible machining estimate with feature recognition, manufacturability analysis, and operation-based costing.

TRUEST  
Quote More. Win More.

Dashboard

Estimates

Parts

Customers

Suppliers

Costing

Analytics

Settings

Users

ESTIMATE WORKFLOW

New Estimate

Features

FILES

CUSTOMER

SE W Tool Works (10001)

SELECTED PART

101613-65929-B

History

101613-65929-B.STEP

QUANTITY

1

SCRAP %

0

MATERIAL

4140

STOCK FORM

Round

Plate

Casting

Ring

HEAT TREAT LEVEL

Case Hardened (Surface -58-62 HRC, soft core)

MATERIAL ROCKWELL

62

STARTING SIZE

THICKNESS

6.000

WIDTH

10.250

LENGTH

25.500

FINISH SIZE

THICKNESS

5.790

WIDTH

10.000

LENGTH

25.345

Drop files here

or click to browse

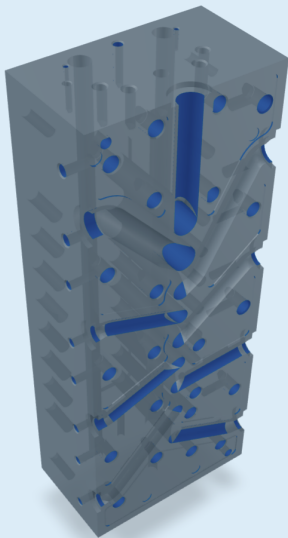
FEATURE RECOGNITION

101613-65929-B.STEP

Clear Screen

Auto spin

zoom



Add Operation

FEATURE LIST

| PICK | FEATURE                                                          | MULTI SELECT            |
|------|------------------------------------------------------------------|-------------------------|
| >    | <input checked="" type="checkbox"/> Internal cylindrical feature | 106 Items, 106 selected |
| >    | <input type="checkbox"/> Blind hole                              | 11 Items                |
| >    | <input type="checkbox"/> Through hole                            | 4 Items                 |
| >    | <input type="checkbox"/> Blind hole with conical drill point     | 47 Items                |
| >    | <input checked="" type="checkbox"/> Conical taper                | 99 Items, 2 selected    |

OPERATIONS

No operations added yet.

Generate Estimate

## Easy to use feature recognition.

Built for manufacturers who need faster answers without relying on random part matching.

## CNC Milling Engine

Truest gives manufacturers a simpler way to estimate CNC milling work. Import common CAD formats, identify machinable features, review possible exceptions, and use material-removal logic to build the manufacturing plan.

### Key business benefits

- Feature recognition
- Faster part estimates
- Reduced errors and oversights
- Secure web-based access
- Manufacturability warnings
- ITAR and NIST alignment

### Supported Operations

Build estimates for milling, drilling, and related machining operations using 3D geometry and controlled process inputs.

### Feature Recognition

Detect holes, pockets, radii, chamfers, and other features that influence material removal and machining time.

### Manufacturability Analysis

Review depth, diameter, wall thickness, and access conditions that may require a different tool, setup, or process.

### Estimating

Determine setups and machining hours from recognized features, stock conditions, process rules, and material-removal rates.

## Quote CNC milling work with confidence.

See how Truest can help your team produce consistent estimates and respond sooner.