

TRUEST

Quote More. Win More.

FEATURE RECOGNITION ESTIMATING

CNC Turning Engine

Estimate rotational parts with a structured view of stock, turned geometry, holes, grooves, setups, and the operations that drive cycle time.

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
>	☒ Internal cylindrical feature	106 items, 106 selected
>	☐ Blind hole	11 items
>	☐ Through hole	4 items
>	☐ Blind hole with conical drill point	47 items
>	☒ Conical taper	99 items, 2 selected

OPERATIONS

No operations added yet.

Generate Estimate

Understand the part before you price it.

Use recognized geometry and controlled process inputs to build repeatable turning estimates.

CNC Turning Engine

Truest helps estimators move from a 3D model to a turning process plan. Review stock conditions, axial and radial features, secondary operations, and manufacturing exceptions before releasing the quote.

Key business benefits

- Turning feature recognition
- Consistent setup logic
- Clear stock assumptions
- Secondary operation review
- Manufacturability warnings
- Secure web-based access

Turned Geometry

Evaluate diameters, shoulders, faces, tapers, bores, grooves, and other geometry that influences the turning sequence.

Stock & Material

Define starting stock, finished size, material, quantity, and process assumptions before calculating machine time.

Secondary Operations

Account for drilled, milled, tapped, or transferred features that may require live tooling or another setup.

Setup & Cycle Time

Build a defensible estimate from setups, operation times, material conditions, and controlled shop rates.

Quote CNC turning work with confidence.

Bring geometry, process assumptions, and costing logic into one estimating workflow.