Introducing the

MACHINIST CALC® PRO 2

ADVANCED MACHINING MATH + MATERIALS

Model 4088

Calculations

Dedicated keys quickly and easily solve:

- Speeds and Feeds
- Right triangle math
- Bolt Pattern layouts

Charts

Built-in Drill Size and Thread Tables save you time and steps

- Compliant with ANSI/ASME B1.1-2003 and ANSI/ASME B1.13M-2005

Reduce wear and tear on costly cutting tools.

Shown at actual size

Shock resistant Armadillo Gear case protects your calculator.

4840 Hytech Drive
Carson City, NV 89706
1-800-854-8075
Visit our website at:
www.calculated.com

4088-SPEC-4C-08_14

Now with Materials!

Fast, precise solutions for the machining calculations you use every day.

The *Machinist Calc Pro 2* includes materials and tool settings combined with DOC and WOC to solve all your speed and feed calculations for face, end or slot milling plus turning, drilling, boring and more.

20 popular Materials • 6 Processes • 3 Tools

MACHINIST CALC® PRO 2

ADVANCED MACHINING MATH + MATERIALS

Increase your shop's productivity and profitability with the *MACHINIST CALC PRO 2*.

Machining-specific keys — Use to enter or calculate Surface Feet per Minute **(SFM)**, Inches per Tooth **(IPT)**, Inches per Minute **(IPM)**, Inches per Revolution **(IPR)**, # of Teeth, Depth of Cut **(DOC)**, Width of Cut **(WOC)** and Length of Cut **(LOC)**

Materials — Choose from 20 popular Materials

Processes — Face Milling, End Milling, Slot Milling, Turning, Boring, Drilling

Speeds and Feeds — Calculate for Milling, Turning and Drilling; Cut Speeds, Spindle Speeds, Feed per Tooth, Cut Feed, Feed Rate

Trigonometric Functions — Sine, Cosine, Tangent, Arcsine, Arccosine, Arctangent

Right Triangle Math — Enter or calculate Angle, Hypotenuse, Opposite and Adjacent lengths

Tools — High Speed, Carbide and High Performance

Work in and Convert between U.S. and Metric Units — Decimal inches and mils, meters, centimeters, millimeters, feet-inch-fractions to 1/64ths, pounds, tons, grams, kilograms and metric tons

Bolt Pattern — Enter number of bolts, diameter and optional start angle or x, y offset; calculates all x and y coordinates and center-to-center hole spacing (chord)

Drill Size — Enter numeric, letter, fractional or metric Drill Size and display the closest fitting Drill Size and scroll through available drill sizes

Drill Point — Enter the cutting angle and Drill Size and calculate the Drill Point cut depth

Thread Size — Finds the tap or rod sizes of entered numeric, fractional or metric threads, for any percent thread grip. Also provides the pitch, major and minor diameters for the specified thread class, grade and type.

Machinists • Setters • Tool and Die Makers
Machine Shop Supervisors

Product Specifications — Machinist Calc Pro 2 Model 4088

Size: 6.25" x 3.5" x 0.9" (160 mm x 90 mm x 25 mm) with Armadillo Gear case

Weight: 6.4 oz. (180 gm) Includes Armadillo Gear case

Power: One 3-volt (CR2025) Long-life Battery

Display: 12 Digits (8 normal, 4 fractions) with Full Annunciators

LCD Dimensions: 0.813" x 2.5" (21 mm x 65 mm)

Accuracy: 12 Digit Internal Accuracy

Included with Every Machinist Calc Pro 2: Armadillo Gear Protective Hard Case, Long-life Battery (CR2025), Quick Reference Guide and Easy-to-Follow User's Guide

Full One-Year Limited Warranty