



CROMWELL SwissTech. THE REF ENGINEERS POCKET BOOK V6WIRO

Cod comanda: **SWT8497448P**

Descriere produs:

For designers, toolmakers & Engineers. Now with 38 pages of engineering data. Each page coated with a gloss lamination to protect against the dirt and grease encountered in workshop conditions. Contents:

- o Basic forms of heat treatment - Colour charts for tempering and for hardening & forging.
- o Material groups - Colour coded machineability chart and hardness listing.
- o Tensile strength and hardness - Shore hardness and equivalent tensile strengths and conversions included.
- o Lubricant selection - Colour coded materials chart and dilution guidelines.
- o Hole and shaft tolerances - H7-e8 tolerances for counterbores included.
- o Metric screw and hole sizes
- o Thread notation - Explains terminology used to define thread characteristics.
- o Standard thread forms - Sequenced logically, tapping and clearance sizes integrated into single chart and colour highlighted for quick reference. Includes special metric pitches & NPT, distinctions made between 'Rp' and 'G' series BSP. ISO 529 pitch form diagrams shown. Now also lists tapping and clearance drill sizes for fluteless tap.
- o Dimensions of common shank types - Now includes screwed shank, Weldon, DIN Taper, BT Taper, ISO Taper in addition to Morse taper shank details.
- o Standards for engineering drawings - Comprehensive listing including contemporary listings and illustrations.
- o Abbreviations used in engineering drawings
- o Common CNC codes - Comprehensive listing including contemporary listings.
- o Axis nomenclature for machine tools - Newly added page explaining the use of letter addresses to define directional motion.
- o Trigonometry formulae - Colour coded CAD produced illustrations for quick reference.
- o Sines and Cosines - Calculated to six decimal places with colour coded axes for quick reference.
- o Tangents and Cotangents - Calculated to six decimal places with colour coded axes for quick reference.
- o Coordinates for equally pitched holes - Clear and easy to read CAD produced diagrams.
- o Bending allowances for malleable materials - Listed as metric radius and thickness with nearest equivalent SWG given for guidance. Clear and easy to read CAD produced diagrams.
- o Cutting speed calculator - Gives required RPM for known cutter diameters and cutting speeds.
- o Standard drill size conversions - No & letter sizes integrated into a single chart, standard sizes are highlighted in bold text, size range extended from 25.25mm up to 32.50mm. All inch-fractional sizes converted to mm equivalent as well as inch-decimal and Morse Taper shank sizes are indicated against drill diameter ranges.
- o Abbreviations and formulae - Definitions of standard meanings with specific attention given to turning, milling and drilling. Comprehensive list of commonly used abbreviations.
- o Weight and measure systems, useful conversions and constants - A comprehensive listing of contemporary and old systems, along with the necessary conversion formulae.

Detalii tehnice:

Dimensiuni ambalaj:

Lungime mm: 18

Latime mm: 9

Inaltime mm: 1

Greutate g: 62

Set de livrare: