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Decimal Equivalents, Drills, and Tap Drills For The PalmOS!

Welcome to Decimal Equivalents, Drills, and Tap Drills For The PalmOS!

Whether you are just trying or buying, I thank you for the opportunity to show you what this application can do and how it can make your PDA more useful and your life easier.

I firmly believe that any PDA application should be easy to use and sport an intuitive interface. If you can't use Decimal Equivalents, Drills, and Tap Drills For The PalmOS "right out of the box" without first reading an extensive manual, then I haven't fulfilled that promise. I ask only that you take a few moments to read these basic points as well as the End User License Agreement (see eula.pdf) and then see what this application can do for you.

- 1) When viewing the startup "About" screen, tap anywhere above the "Show this screen at startup" text to proceed.
- 2) There are two primary screens, the Decimal Equivalents & Drills screen, and the Tap Drills screen. Each has its own set of Options which can be accessed by tapping Menu -> Options -> View Options or Command-Y (/Y). Or, for something entirely new (New in v2!), just tap the "checkbox" in the menu bar to immediately open the relevant options dialogue.
- 3) New in v2! While viewing entries on the "Tap Drills" screen, tap any entry to pop up an Extended Information window. Here you can find items such as the thread's Basic Major Dia, pitch, tap drill, and clearance drill sizes in standard nomenclature as well as inch/millimeter decimal values.
- 4) New in v2! For color capable PDA's, choose from an alternating-row color scheme or a type-based color scheme for the data tables. Either way, you'll find the tables easier to read! Get there with Menu -> Options -> Preferences or Command-R (/R).
- 5) Toggle back and forth between the two screens using Menu -> Decimal Equivalents or Menu -> Tap Drills. You can also use Command-E (/E) to quickly load the Decimal Equivalents & Drills screen, or Command-D

(/D) to load the Tap Drills screen. Aw, heck (New in v2!) - just take the easy way and tap the toggle screen icon I put up in the menu bar, next to the "i" icon.

- 6) The arrows on the right side of the screen are used to scroll the list. The triple-arrows move immediately to the top or bottom of the list, the double arrows move (New in v2!) one page up or down, and the single arrows move up or down one line at a time, The diamond (centered vertically on the right side of the screen) jumps to the center of the current list. The PDA's hardware Up and Down buttons function the same as the single arrows, moving up or down one line at a time.
- 7) Why register? The registered version:
 - a) Saves options and preferences between sessions.
 - b) Starts each new session on the same screen and at the same point in the list as when the last session was closed. New in v2! Turn this function on or off in Preferences.
 - c) Eliminates the nag messages.
- 8) If you decide to register this product, please do so at my website, <http://www.infosystemspro.net>. Yes, I like the big PDA-related software download sites, but their cut has risen to 40% (and more) of each sale and, frankly, a guy has got to put his foot down at some point and say, "enough is enough!"
- 9) Finally, feel free to contact me via email (support@infosystemspro.net) at any time if you have questions or comments!

Installation

Decimal Equivalents, Drills, and Tap Drills For The PalmOS is packaged as a zip file containing the application .prc file, this readme.pdf file, and the End User License Agreement (eula.pdf).

Typical installation is as simple as double-clicking the application prc file (DecEquivs.prc) and HotSyncing.

Note: If this is an upgrade from an earlier version, it is critical that the previous version be deleted from your handheld prior to installation. Failure to do so may result in unpredictable consequences including Fatal Errors and possible loss of data.

To remove a previous version, turn on your PalmOS device and tap the "Home" icon (on newer devices) or the "Applications" icon (on older ones). Tap the Menu

and select the "Delete" option under the "App" column. Wait a few seconds for the application list to be populated, find the "DecEquivs" entry and tap it once to highlight and then tap the "Delete" button. If present, delete the following files in the same manner:

- DecEquivsBitmaps-DCEQ
- DecEquivs.pdb
- DecEquivs2.pdb
- TapDrills.pdb
- TapDrills2.pdb
- DecEquivs2-DcEq.pdb
- TDrills-DcEq.pdb
- TDrills2-DcEq.pdb
- Fraction-DcEq.pdb
- Letter-DcEq.pdb
- MM-DcEq.pdb
- Wire-DcEq.pdb

More information can be found at

http://www.infosystemspro.net/Decequiv_faq.aspx#faq4

A Note Concerning The Data

The data for the Decimal Equivalentents & Drills table is very straightforward and easy to come by; equivalentents are simply calculated and rounded to the desired number of decimal places and standard drill sizes are, well, just that, standard. Lists are easy to find in manufacturer's catalogs and are unvarying.

Tap Drills data are an entirely different matter. I reviewed dozens of documents, both printed and electronic, and found each manufacturer and each printed source to vary from each of the others in ways small and not so small. Heck, what is one to do if the tables in "Machinery's Handbook" do not agree exactly with those in the "Tooling and Manufacturing Engineers Handbook"?

Unable to locate a single definitive source of data (one manufacturer's catalogs; one printed reference book) which contained tap drill tables for all of the desired sizes and types of taps, I ended up using a compendium of data from various sources. Should there be any question about the validity of any single or group of values, send an email to support@infosystemspro.com and I will provide information regarding the specific source(s) for that data.

Revisions

v1.00 - Released 12Jan2004

Initial release.

v2.00 - Released 16Apr2005

Add info for thread forming ("roll") taps and additional pipe tap sizes.
Add "Extended Info" for taps.
Add PageUp/Page Down buttons.
Eliminate ""About"" screen" flash when show screen is not checked.
Add screen "toggler" to menu bar.
Add Options quick-access to menu bar.
Add "Preferences" module, add "Save table state" option, add color display support.

v2.01 - Released 23Nov2007

StyleTap Platform compatibility improvements.

Note: Decimal Equivalents, Drills, and Tap Drills For The PalmOS is intended for use by persons familiar with the underlying concepts, requirements, and rules. Decimal Equivalents, Drills, and Tap Drills For The PalmOS is not a substitute for applicable engineering knowledge and/or skills.

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