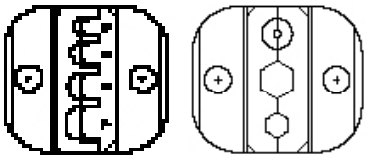
DCTE4 BATTERY POWERED CRIMP TOOL

DANIELS MANUFACTURING CORPORATION

The DCTE4 Battery Powered Crimp Tool is a hand held, self-contained crimp tool intended to crimp copper and aluminum cable with DMC "DCT4" Dies.

Hexagonal crimp dies for coaxial cable and "B" crimp dies for stamped and formed contacts are available in a variety of combinations having single, double, triple and even quadruple cavity design.



Typical "DCT4" Die Sets

These dies accommodate most insulated and uninsulated terminals and splices conforming to AS7928 as well as numerous proprietary configurations.

Dies in various crimp patterns are also available for D-Subminiature connectors, Red/Blue/Yellow "Heat-N-Seal" terminals, "MiniSeal" terminals, and low profile environmental splices (M81824/1-XX).

If your application requirement is not already covered by one of our standard die sets, our engineering department will be pleased to discuss a design to suit your needs, consult DMC for details.

The DCTE4 meets the requirements of RoHS Directive 2002/95/EC.

FEATURES

- Ergonomic design allows one-handed operation
- Die automatically opens when crimp is complete
- Die can be retracted in mid-cycle to adjust connector
- Head rotates 350 degrees
- Connection point for tool balancing systems
- Red LED to display the current status of the unit

CRIMP CAPACITIES

- Max. Crimp Force: 1.5 Tons (13.3 kN)
- Avg. Crimp Time: 2 seconds
- Avg. Crimps per Charge: 150

SPECIFICATIONS

- Length: 14" (356 mm)
- Width: 2-3/8" (60 mm)
- Depth: 3-1/8" (80 mm)
- Weight (with battery): 2.8 lb (1.3 kg)
- Sound Level: 75 db(A) at 1 meter
- Vibration: <8.2 ft/s^2 (2.5 m/s$^{2)}$
- Hydraulic Oil: Shell Tellus® T-15

TOOL INCLUDES: Carrying Case, Two 9.6v Batteries, One Battery Charger.

BATTERY (P/N: HD-BATTERY)

- Charging Voltage: 9.6 VDC
- Charging Time: 40 minutes
- 2 batteries included with each new tool

BATTERY CHARGER (P/N: HD-110CHARGER)

- Input Voltage: 100-120 VAC, 50-60 Hz (220-240 VAC, 50-60 Hz available P/N HD-230)
- Output Voltage: 7.2-12 VDC, 3.0 A
- Trickle Charge: 60 mA
- Weight: 1.1 lb (.5 kg)

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DCT4 DIE SETS

DCT4-101D corresponds to AMP 58573-1
DCT4-102D for R/B/Y Insulated terminals & splices
DCT4-104D for R/B/Y Heat-N-Seal terminals
DCT4-105D for Uninsulated terminals
DCT4-106D with .178/ .128 hexes, .042 square
DCT4-107D with .068/.178/.324 hexes
DCT4-108D with .068/.213/.255 hexes
DCT4-109D with .213/.128/.105 hexes
DCT4-110D with .324/.255/.068/.042 hexes - corresponds to Trompeter CD3-2
DCT4-111D with .128 hex
DCT4-116D with .067 gage crimp for relay seals
DCT4-117D with .255/.213/.178/.128 hexes
DCT4-118D with .213/.178 hexes
DCT4-119D with .095/.085/.075 gaging for B/R/Clear Insulated splices
DCT4-120D with .359/.255 hexes
DCT4-122D with .095/.085.066 gaging for B/R/Y Insulated splices
DCT4-128D with .211/.128/.105 hexes
DCT4-129D with .067/.047/.030 gaging - corresponds to GMT232
DCT4-130D for Sub-Miniature D connectors
DCT4-138D with .264/.161 hexes
DCT4-139D with .264/.220 hexes
DCT4-140D with .433/.402 hexes
DCT4-141D for "B" style crimps
DCT4-142D with .142/.112/.079 hexes
DCT4-144D with .359/.290 hexes
DCT4-145D with .454 hex
DCT4-147D with .429/.100/.068 hexes
DCT4-148D with .268/.178 hexes, .057 dia.
DCT4-149D with .268/.213/.178/.150 hexes
DCT4-160D with .041 gage for "B" crimp
DCT4-161D with .041 gage for "B" crimp
DCT4-162D with .042 gage for "B" crimp
DCT4-163D with .290 gage
DCT4-166D with .187/.178 hexes, .042 square - corresponds to Amphenol CTL-15
DCT4-167D with .324/.319/.255 hexes, .042 square - corresponds to Amphenol CTL-14
DCT4-169D with .324/.255/.068 hexes, .052 square - corresponds to Amphenol CTL-8
DCT4-170D with .290/.128/.105 hexes
DCT4-175D with .051/.0395/.031 gaging for "B" crimps - AMP Multimate III & VI
DCT4-176D with .368 hex - corresponds to Y498
DCT4-178D with .033/.016 gaging for "B" crimps
DCT4-179D with .079 gaging for "B" crimp
DCT4-183D with .339 hex
DCT4-184D with .057 gaging for "B" crimp
DCT4-185D with .075/.066 gaging for W/Y Insulated terminals
DCT4-187D with .235/.225/.215 hexes
DCT4-188D with .110 hex
DCT4-189D with .222 hex

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