

Battery Powered 6 Ton Crimping Tool for HD51 Dies

DESCRIPTION

The HDE51B Battery Powered Crimp Tool is a hand held, self contained crimp tool intended to crimp terminals onto copper and aluminum cables with DMC's HD51 die sets. The HDE51B provides 6 tons of crimp force and extends the range of DMC's Battery Powered Crimping Tools to 2/0 AWG conductors in many applications.

In the field or on the factory floor, every tool crimps with the consistency and precision you expect from DMC products. The ergonomic tool body helps reduce workplace injuries and eases operator fatigue keeping costs low and production high.

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

The HDE51B 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
- LED lights display the current status of the unit, crimp, and battery

CRIMP CAPACITIES

- #8 to #2/0 AWG
- Max. Crimp Force: 6 Tons (55 kN)
- Avg. Crimp Time: 4 seconds
- Avg. Crimps per Charge: 100
Varies with size and type of items crimped.
- Avg. Crimps per Charge: 200
with Extended Life Battery

SPECIFICATIONS

- Length: 15.37" (391 mm)
- Width: 2.93" (75 mm)
- Depth: 4.56" (116 mm)
- Weight (with battery): 5.88 lb (2.7kg)
- Sound Level: 75 db(A) at 1 meter
- Vibration: <8.2 ft/s² (2.5 m/s²)
- Hydraulic Oil: Shell Tellus® T-15 (or equiv)



TOOL INCLUDES:

Carrying Case,
Two 18v, 1.5 A Batteries,
One Battery Charger.

BATTERY (P/N: HDE-LI-B)

- 18 VDC, Lithium Ion, 1.5 AMP
- Charging Time: 15 minutes
- 2 batteries included with each new tool

OPTIONAL EXTENDED LIFE BATTERY (P/N: HDE-LI3-B)

- 18 VDC, Lithium Ion, 3.0 AMP
- Charging Time: 30 minutes

VAC Power Adaptors

- 120 VAC P/N: HDE-120AC-A
- 240 VAC P/N: HDE-230AC-A

BATTERY CHARGER

- 120 VAC P/N: HDE-LI-120C
- 240 VAC P/N: HDE-LI-230C



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Die P/N	Application (Dimensions in Inches)	Crimp Configuration	Gage
HD51-101	.325 / .216 Hexes	Hex	
HD51-105	#8 Insulated Terminals	Crescent	G682
HD51-106	#6 Insulated Terminals	Crescent	G683
HD51-107	#4 Insulated Terminals	Crescent	G684
HD51-110	.530 Hex	Hex	
HD51-112	.440 / .538 Hexes	Hex	
HD51-113	#2 Insulated Terminals	Crescent	G801
HD51-114N	#8 Uninsulated Terminals	Single Indent	G1150
HD51-115N	#6 Uninsulated Terminals	Single Indent	G1151
HD51-116N	#4 Uninsulated Terminals	Single Indent	G1152
HD51-117N	#2 Uninsulated Terminals	Single Indent	G1153
HD51-118N	#8 Uninsulated Terminals	Double Indent	G1150
HD51-119N	#6 Uninsulated Terminals	Double Indent	G1151
HD51-120N	#4 Uninsulated Terminals	Double Indent	G1152
HD51-121N	#2 Uninsulated Terminals	Double Indent	G1153
HD51-122N	#1/0 Uninsulated Terminals	Single Indent	G1154
HD51-123N	#1/0 Uninsulated Terminals	Double Indent	G1154
HD51-124N	#2/0 Uninsulated Terminals	Double Indent	G1155
HD51-125N	#2/0 Uninsulated Terminals	Single Indent	G1155
HD51-127	.445 / .395 Hexes	Hex	
HD51-130-1	#2 - #8 Uninsulated - Needs HD51-131-2 or HD51-132-2	Single Indent	
HD51-131-2	#2 & #8 Uninsulated - Needs HD51-130-1	(FEMALE)	G744 & G747
HD51-132-2	#4 & #6 Uninsulated - Needs HD51-130-1	(FEMALE)	G745 & G746
HD51-133-2	#2 & #8 Insulated Needs HD51-113-1 for #2 & HD51-105-1 for #8	(FEMALE)	G801 (#2) G682 (#8)
HD51-134-2	#4 & #6 Insulated Needs HD51-106-1 for #6 & HD51-107-1 for #4	(FEMALE)	G683 (#6) G684 (#4)
HD51-138	#2 Uninsulated .377 Hex, MS90485-2 Equiv.	Hex	G833
HD51-139	.587 Hex	Hex	
HD51-140	.956 & .500 HEX	Hex	
HD51-144	.130 Hex	Hex	
HD51-148	.216 Hex	Hex	
HD51-149	.660 Hex	Hex	
HD51-150	AB Twinax Pin & Socket Contacts		
HD51-152	Packard Hughes .437 Ferrules		
HD51-154	MS25036 #1, MS23002-1 Equiv.		G726
HD51-157	#10 Flag Terminal		
HD51-159	#2 AWG Insulated	Elongated Hex	
HD51-160	#2 Uninsulated For Aluminum Wire	Crescent	
HD51-162	.218 HEX	Hex	
HD51-163	#8 AWG Uninsulated, .210 HEX	Hex	G720
HD51-164	#6 AWG Uninsulated, .240 HEX	Hex	G721
HD51-165	#4 AWG Uninsulated, .299 HEX	Hex	G722
HD51-166	#1 AWG Uninsulated, .417 HEX	Hex	G834
HD51-167	#1/0 AWG Uninsulated, .456 HEX	Hex	G835
HD51-168	#2/0 AWG Uninsulated, .500 HEX	Hex	G836

