

HDE51C

6 Ton Battery Powered Crimp Tool

The HDE51C battery powered crimp tool is intended to crimp terminals onto copper and aluminum cables with DMC's HD51 die sets. The HDE51C 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.

The HDE51C is equivalent to DMC's HD51 (M5259/5-01)* hand tool and DMC's XHD51 (M5259/4-01)* hydraulic tool with added benefits of portable power and next generation connectivity. Users can track tool performance, users, and projects. Crimp data is viewable in real time on the LED display or can be downloaded via an app.



CRIMP CAPABILITIES

- Max. Crimp Force: 6 tons (53 kN)
- Avg. Crimp Time: 2 seconds
- Avg. Crimps per Charge: 200

SPECIFICATIONS

- L x W x H: 4.8 x 3.2 X 17 (in)
122 x 81 x 432 (mm)
- Weight (with battery): 6.1 lb (2.77 kg)
- Sound Level: 75 db (A) at 1 meter
- Vibration: <math> < 8.2 \text{ ft/s}^2 < /math> (2.5 m/s²)
- Hydraulic Oil: Shell Tellus® T-15

INCLUDED

- Carrying case
- Two 18 VDC, 3.0 Ah, Lithium Ion batteries
- One battery charger

*QPL Pending

MANUAL AND HYDRAULIC VERSIONS ARE ALSO AVAILABLE



HD51 (M5259/5-01)



XHD51 (M5259/4-01)

FEATURES

- Bluetooth® connectivity
- Tracks number and quality of crimps
- Ergonomic design allows one-handed operation
- Die automatically opens when crimp is complete
- Die can be released mid-cycle to make adjustments
- Head rotates 350°

BATTERY (Part # HDE-LI3-B)

- 18 VDC, 3.0 Ah, Lithium Ion
- Charging Time: 45 minutes

BATTERY CHARGER

- 120 VAC Part # HDE-LI-120C
- 230 VAC Part # HDE-LI-230C

VAC POWER ADAPTERS

- 120 VAC Part # HDE-120AC-A
- 230 VAC Part # HDE-230AC-A



HDE51C DIES

DMC P/N	SIZE (AWG)	APPLICATION	CRIMP TYPE	MILITARY GAGE P/N	DMC GAGE P/N	A. CAVITY	A. LENGTH	B. CAVITY	B. LENGTH
HD51-118N	8	Uninsulated AS7928 Copper Terminals and AS7974 Contacts	Double Indent	M5259/6-001	G1150*	.115	.312		
HD51-119N	6	Uninsulated AS7928 Copper Terminals and AS7974 Contacts	Double Indent	M5259/6-002	G1151*	.126	.312		
HD51-120N	4	Uninsulated AS7928 Copper Terminals and AS7974 Contacts	Double Indent	M5259/6-003	G1152*	.131	.312		
HD51-121N	2	Uninsulated AS7928 Copper Terminals and AS7974 Contacts	Double Indent	M5259/6-004	G1153*	.190	.312		
HD51-123N	1/0	Uninsulated AS7928 Copper Terminals and AS7974 Contacts	Double Indent	M5259/6-005	G1154*	.275	.470		
HD51-124N	2/0	Uninsulated AS7928 Copper Terminals and AS7974 Contacts	Double Indent	M5259/6-006	G1155*	.320	.470		
HD51-131	2 & 8	Uninsulated Terminals	Female Nest	N/A	G747 (2 AWG) G744 (8 AWG)	R .275	.312	R .145	.312
HD51-132	4 & 6	Uninsulated Terminals	Female Nest	N/A	G746 (4 AWG) G745 (6 AWG)	R .219	.312	R .188	.312
HD51-133	2 & 8	Insulated Terminals	Confined Crescent	N/A	G801 (2 AWG) G682 (8 AWG)	.312		.170	
HD51-134	4 & 6	Insulated Terminals	Confined Crescent	N/A	G684 (4 AWG) G683 (6 AWG)	.202		.254	
HD51-138	2	Uninsulated Terminals Functional Equiv. MS90485-2	Hex	N/A	G833	.377	.435		
HD51-192*	8	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Hex	MS90486-08	G720	.210	.310		
HD51-193*	6	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Hex	MS90486-06	G721	.240	.310		
HD51-194*	4	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Hex	MS90486-04	G722	.299	.372		
HD51-195*	2	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Hex	MS90486-02	G833	.377	.435		
HD51-196*	1	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Hex	MS90486-01	G834	.417	.435		
HD51-197*	1/0	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Hex	MS90486-01	G835	.456	.435		
HD51-198*	2/0	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Hex	MS90486-02	G836	.500	.470		
HD51-199*	8	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Indent	M5259/6-001	G1150*	.115	.312		
HD51-200*	6	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Indent	M5259/6-002	G1151*	.126	.312		
HD51-201*	4	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Indent	M5259/6-003	G1152*	.131	.312		
HD51-202*	2	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Indent	M5259/6-004	G1153*	.190	.312		
HD51-203*	1/0	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Indent	M5259/6-005	G1154*	.275	.470		
HD51-204*	2/0	Uninsulated Copper AS7928 Terminals, AS39029 Contacts, & AS7974 Contacts	Indent	M5259/6-006	G1155*	.320	.470		
HD51-205*	8	Insulated Copper AS7928 Terminals	Confined Crescent	MS23003-8	G723	.170	.250		
HD51-206*	6	Insulated Copper AS7928 Terminals	Confined Crescent	MS23003-6	G724	.202	.312		
HD51-207*	4	Insulated Copper AS7928 Terminals	Confined Crescent	MS23003-4	G725	.254	.375		
HD51-208*	2	Insulated Copper AS7928 Terminals	Confined Crescent	MS23003-2	G281	.312	.470		

*Dies and Gages are QPL pending.

