

51 SERIES HYDRAULIC FORM CRIMP TOOLS



The 51 series tools are form crimp tools that provide 6 tons of crimping force onto copper and aluminum cables using HD51 dies. These tools have the ability to crimp insulated terminals onto cables sizes 8 to 2 AWG and uninsulated terminals onto cable sizes 8 to 2/0 AWG. All 51 series tools are equipped with a 340° rotating head that enhances maneuverability. Respective gages vary based on the type of die assembly used. Dies are sold separately.

HDE51C is equivalent to DMC's HD51 hand tool and DMC's XHD51 remote hydraulic tool with added benefits of portable power and next generation connectivity. XHD51 remote hydraulic crimp head is the preferred solution for high-volume applications on production lines and maintenance rework centers. The HD51 hydraulic crimper features comfortable handle grips for the best ergonomic advantage and rugged construction making it suitable for field work.



Battery



M5259/8-01

HDE51C

Bluetooth® Connectivity

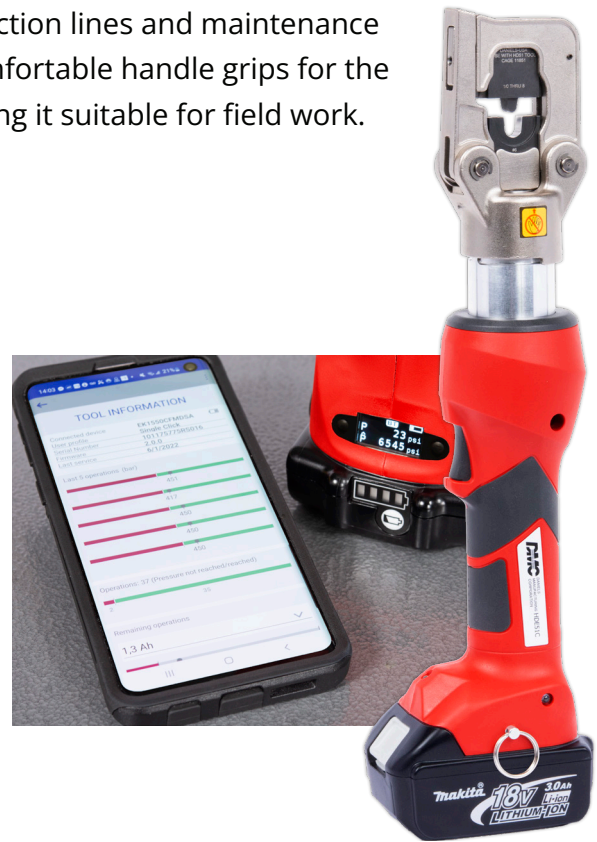
Ergonomic design allows one-handed operation

Dies automatically open when crimp is complete

Dies can be released mid-cycle to make adjustments

Average of 200 crimps per charge.

*Includes a carrying case, two 18 VDC, 3.0 Ah, lithium ion batteries, and one battery charger.
15.4" L x 2.9" W x 4.6" H and 5.9 lbs*



Remote Hydraulic



M5259/4-01

XHD51

Ideal for high volume production lines and maintenance rework centers

Can be used as a hand-held or mounted tool when used with the XHD51-BM

Can be powered by any of the HPU series pumps but HPU11M is recommended

9" L x 2" W x 2.8" H and 3.9 lbs



Manual Hydraulic



M5259/5-01

HD51

Efficient hydraulic pump reduces the number of closures to crimp

Comfortable handle grips for the best ergonomic advantage

14" L x 2" W x 5" H and 4.6 lbs



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DMC offers kits containing tools, gages, and accessories for many of our tools. Consult DMC for all kit options.



1	HD51 Crimp Tool
4	Insulated Die Sets (HD51-105, HD51-106, HD51-107, HD51-113)
6	Uninsulated Die Sets (HD51-114N, HD51-115N, HD51-116N, HD51-117N, HD51-122N, HD51-125N)



DMC P/N	MILITARY P/N	SIZE (AWG)	APPLICATION	CRIMP TYPE	MILITARY GAGE P/N	DMC GAGE P/N	A CAV/ LGTH (IN.)	B CAV/ LGTH (IN.)
HD51-118N	N/A	8	UNINSULATED AS7928 COPPER TERMINALS AND AS7974 CONTACTS	Double Indent	M5259/6-001	G1150*	.115 / .312	N/A
HD51-119N	N/A	6	UNINSULATED AS7928 COPPER TERMINALS AND AS7974 CONTACTS	Double Indent	M5259/6-002	G1151*	.126 / .312	N/A
HD51-120N	N/A	4	UNINSULATED AS7928 COPPER TERMINALS AND AS7974 CONTACTS	Double Indent	M5259/6-003	G1152*	.131 / .312	N/A
HD51-121N	N/A	2	UNINSULATED AS7928 COPPER TERMINALS AND AS7974 CONTACTS	Double Indent	M5259/6-004	G1153*	.190 / .312	N/A
HD51-123N	N/A	1/0	UNINSULATED AS7928 COPPER TERMINALS AND AS7974 CONTACTS	Double Indent	M5259/6-005	G1154*	.275 / .470	N/A
HD51-124N	N/A	2/0	UNINSULATED AS7928 COPPER TERMINALS AND AS7974 CONTACTS	Double Indent	M5259/6-006	G1155*	.320 / .470	N/A
HD51-131	N/A	2 & 8	UNINSULATED TERMINALS	Female Nest	N/A	G747 (2 AWG) G744 (8 AWG)	R .275 / .312	R .145 / .312
HD51-132	N/A	4 & 6	UNINSULATED TERMINALS	Female Nest	N/A	G746 (4 AWG) G745 (6 AWG)	R .219 / .312	R .188 / .312
HD51-133	N/A	2 & 8	INSULATED TERMINALS	Confined Crescent	N/A	G801 (2 AWG) G682 (8 AWG)	.312 (CAV)	.170
HD51-134	N/A	4 & 6	INSULATED TERMINALS	Confined Crescent	N/A	G684 (4 AWG) G683 (6 AWG)	.202 (CAV)	.254
HD51-138	MS90485-2	2	UNINSULATED TERMINALS	Hex	N/A	G833	.377 / .435	N/A
HD51-192*	N/A	8	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Hex	MS90486-8	G720	.210 / .310	N/A

*Dies and gages are QPL pending.

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HD51-193*	N/A	6	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Hex	MS90486-6	G721	.240 / .310	N/A
HD51-194*	N/A	4	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Hex	MS90486-4	G722	.299 / .372	N/A
HD51-195*	N/A	2	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Hex	MS90486-2	G833	.377 / .435	N/A
HD51-196*	N/A	1	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Hex	MS90486-1	G834	.417 / .435	N/A
HD51-197*	N/A	1/0	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Hex	MS90486-01	G835	.456 / .435	N/A
HD51-198*	N/A	2/0	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Hex	MS90486-02	G836	.500 / .470	N/A
HD51-199*	N/A	8	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Indent	M5259/6-001	G1486	.115 / .312	N/A
HD51-200*	N/A	6	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Indent	M5259/6-002	G1487	.126 / .312	N/A
HD51-201*	N/A	4	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Indent	M5259/6-003	G1488	.131 / .312	N/A
HD51-202*	N/A	2	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Indent	M5259/6-004	G1489	.190 / .312	
HD51-203*	N/A	1/0	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Indent	M5259/6-005	G1490	.275 / .470	
HD51-204*	N/A	2/0	UNINSULATED COPPER AS7928 TERMINALS, AS39029 CONTACTS, & AS7974 CONTACTS	Indent	M5259/6-006	G1491	.320 / .470	
HD51-205*	MS23002-8	8	INSULATED COPPER AS7928 TERMINALS	Confined Crescent	MS23003-8	G723	.170 / .250	
HD51-206*	MS23002-6	6	INSULATED COPPER AS7928 TERMINALS	Confined Crescent	MS23003-6	G724	.202 / .312	
HD51-207*	MS23002-4	4	INSULATED COPPER AS7928 TERMINALS	Confined Crescent	MS23003-4	G725	.254 / .375	
HD51-208*	MS23002-2	2	INSULATED COPPER AS7928 TERMINALS	Confined Crescent	MS23003-2	G281	.312 / .470	

*Dies are QPL pending.



Confined Crescent



Hex



Nest and Indent

Refurbishment Services:

To ensure the longevity of your investment, DMC offers kit refurbishment and calibration services.

NOTICE:

DMC reserves the right to change the kit contents, coverage, and construction.