

HXE4AC

1.5 Ton Battery Powered Crimp Tool

The HXE4AC battery powered crimp tool is intended to crimp copper and aluminum cable 26 to 10 AWG with DMC® "Y" Dies (M22520/5-XX and others). This tool has a pre-tensioned pushrod to hold the product in the crimping position without operator assistance.

The HXE4AC is equivalent to DMC's HX4 (M22520/5-01) hand 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.



FEATURES

- Bluetooth® connectivity
- Tracks number and quality of crimps
- Ergonomic design allows one-handed operation
- Die can be released mid-cycle to make adjustments
- Head rotates 350°
- Pre-tensioned pushrod to hold the product

CRIMP CAPABILITIES

- 26 to 10 AWG
- Max. Crimp Force: 1.5 Tons (13.3 kN)
- Avg. Crimp Time: 2 seconds
- Avg. Crimps per Charge: 150
(Approx 300 with Extended Life Battery)

SPECIFICATIONS

- L x W x H: 4.5 x 2.9 x 15.7 (in)
114 x 74 x 399 (mm)
- Weight (with battery): 3.9 lb (1.8 kg)
- Sound Level: 75 db (A) at 1 meter
- Vibration: <8.2 ft/s² (2.5 m/s²)
- Hydraulic Oil: Shell Tellus® T-15

INCLUDED

- Carrying case
- Two 18 VDC, 2.0 Ah, Lithium Ion batteries
- One battery charger

BATTERY (Part # HDE-LI-B)

- 18 VDC, 2.0 Ah, Lithium Ion
- Charging Time: 22 minutes

OPTIONAL EXTENDED LIFE 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

MANUAL AND PNEUMATIC VERSIONS ARE ALSO AVAILABLE



HX4 (M22520/5-01)



HX23



HX33



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A variety of dies accommodate various crimp patterns (confined crescent, half crescent, hex, circle, F-crimp indent) and are available for AS39029 shielded contacts, AS39012 coaxial connectors, AS7928 terminals and splices, and other commercial and military terminating components.



ADJUSTABLE DIES FOR TERMINALS & SPLICES		
COLOR	SIZE	P/N
Yellow	12-10	Y670, Y1117
Blue	16-14	Y671, Y1116
Red	22-18	Y672, Y1115
Yellow	26-24	Y678
Red/Blue	22-14	Y1060
Yellow/White	26-20	Y1061

Adjustable insulation crimping dies accept terminations which conform to AS7928, AS25036 (class 1 and 2) and other military or commercial specifications.

Adjustable dies for insulated terminals feature insulation crimp inserts that accommodate various insulation types and sizes providing support while preventing damage to the wire insulation. Partially loosen the clamping screws on the movable die with a hex wrench to align the insulation crimp insert to one of the adjustment marks on the side of the die.



DIE PART NUMBER			DIE DIMENSIONS				
DMC P/N	MILITARY P/N	NSN	A HEX	LENGTH	B HEX	LENGTH	GAGE
Y200P*	M22520/5-02	5120-01-335-8244	.091	.090	.068	.270	G207, G160
Y196	M22520/5-03	5120-01-335-8245	.128	.325	.105	.325	G150, G155
Y152	M22520/5-04	5120-01-335-8246	.138	.090	.118	.270	G206, G186
Y197	M22520/5-05	5120-01-335-8247	.213	.325	.178	.325	G185, G180
Y203	M22520/5-06	5120-01-335-8248	.128	.094			G287, G155
Y195	M22520/5-07	5120-01-335-8249	.255	.325			G170
Y215	M22520/5-08	5120-01-335-8250	.128	.375			G155
Y204P*	M22520/5-09	5120-01-335-8251	.178	.400	.068	.093	G185
Y189	M22520/5-10	5120-01-335-8252	.160	.400			G188
Y205P*	M22520/5-11	5120-01-335-8253	.213	.400	.068	.093	G384
Y206P*	M22520/5-13	5120-01-335-8254	.255	.400	.068	.093	G170
Y207P*	M22520/5-15	5120-01-335-8255	.263	.400	.068	.093	G192
Y193	M22520/5-17	5120-01-335-8256	.118	.375			G186
Y142	M22520/5-19	5120-01-335-8257	.255	.400	.213	.400	G180
Y149	M22520/5-21	5120-01-335-8258	.475	.400			G203
Y145	M22520/5-23	5120-01-335-8259	.384	.400			G199
Y110P*	M22520/5-25	5120-01-335-8260	.429	.400	.100	.120	G165, G208
Y151	M22520/5-27	5120-01-335-8261	.532	.400			
Y109P*	M22520/5-29	5120-01-335-8262	.324	.400	.100	.120	G197, G208
Y150	M22520/5-31	5120-01-335-8263	.501	.400			G204
Y136	M22520/5-33	5120-01-335-8264	.343	.400	.105	.400	G150, G175
Y137	M22520/5-35	5120-01-335-8265	.324	.400	.128	.400	G155, G197
Y138	M22520/5-37	5120-01-335-8266	.314	.400	.151	.400	G187, G196
Y139	M22520/5-39	5120-01-335-8267	.309	.400	.160	.400	G188, G195
Y140	M22520/5-41	5120-01-335-8268	.290	.400	.178	.400	G194, G185
Y141	M22520/5-43	5120-01-335-8269	.268	.400	.197	.400	G189, G193
Y143	M22520/5-45	5120-01-335-8270	.231	.400	.218	.400	G190, G191
Y144	M22520/5-47	5120-01-335-8271	.359	.400			G198
Y146	M22520/5-49	5120-01-335-8292	.401	.400			G200
Y147	M22520/5-51	5120-01-335-8293	.431	.400			G201
Y148	M22520/5-53	5120-01-335-8294	.454	.400			G202
Y102	M22520/5-55	5120-01-335-8295	.324	.400			G197
Y209P*	M22520/5-57	5120-01-335-8296	.213	.400	.100	.120	G180, G208
Y208P*	M22520/5-59	5120-01-335-8297	.255	.400	.100	.120	G208
Y178	M22520/5-61	5120-01-335-8298	.429	.400			G165
Y314P*	M22520/5-63	5120-01-335-8299	.263	.400	.091	.090	
Y501	M22520/5-100	5120-01-335-8300	Pre-Insulated Terminal Crimp 26-10 AWG				G261, G262
Y527	M22520/5-101	5120-01-335-8301	Pre-Insulated Splice Crimp 26-20 AWG				G263
Y539	M22520/5-102	5120-01-335-8302	Splice Crimp 16-12 AWG				G264
Y540	M22520/5-103	5120-01-335-8303	Splice Crimp 26-16 AWG				G265, G266
Y692	M22520/5-104	5120-01-454-3310	N/A				G872
Y631	M22520/5-105	5120-01-361-9554	0.218	0.307			G524, G668
Y1115	M22520/5-106	N/A	Adjustable Insulation Terminal Crimp for Red 22-18 AWG				G1369*
Y1116	M22520/5-107	N/A	Adjustable Insulation Terminal Crimp for Blue 16-14 AWG				G1369*
Y1117	M22520/5-108	N/A	Adjustable Insulation Terminal Crimp for Yellow 12-10 AWG				G1445*

*Die part numbers ending in "P" indicate that the die set has an alignment guide pin.