

GMT1005 Precision Tool for Uninsulated Terminals

DMC DANIELS
MANUFACTURING
CORPORATION



The **GMT1005** Hand Crimp Tool terminates uninsulated, tin-plated, copper terminals sizes 10 to 22 AWG. The rugged construction of this tool assures repeatability and durability.

The **GMT1005** is gaged with the **G739 (22-16 cavity)**, **G740 (16-14 cavity)**, and **G741 (12-10 cavity)** GO/NO GO gages.

Pneumatic & Battery tool versions are available for the **GMT1005** tool.

DMC provides custom and standard crimp tools manufactured to OEM or user requirements. Often these tools are specified as equal in function to the OEM tool. The **GMT1005** is comparable to TE Connectivity's 49935 hand tool for TE Connectivity's SOLISTRAND Ring Tongue Terminals.

Many other standard OEM applications are covered by the GMT general purpose tool series.

Direct Tool Comparison Summary - GMT 1005 vs Tyco 49935

Average Tensile Test		
	GMT 1005	TE 49935
22 AWG	19.64	19.32
20 AWG	35.42	33.08
18 AWG	53.18	45.64
16 AWG	66.82	65.02
14 AWG	93.56	91.12
12 AWG	159.58	163.02
10 AWG	216.9	215.42

Tool Comparison		
	GMT 1005	TE 49935
Dimensions, Handles Open		
Length	7.25"	10.25"
Hand Span	8.12"	9.25"
Dimensions, Handles Closed		
Length	8.50"	11.25"
Hand Span	2.25"	2.75"
Tool Weight		
Weight	.70 lb	1.00 lb
Maximum Handle Force Required for #10 AWG Crimp		
Force	111 lbs	114 lbs

DANIELS MANUFACTURING CORP., 526 THORPE ROAD, ORLANDO, FL 32824, USA
PHONE (407) 855-6161 • FAX (407) 855-6884 • www.DMCTools.com • E-MAIL: DMC@DMCTools.com

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Testing conducted with 34112, applicable to all #22-18 SOLISTRAND® terminals & splices except for Flag Tongue Terminals (Reference Catalog # 65505). Dielectric Strength is not an applicable test for uninsulated terminals and splices.

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Testing conducted with 320093, applicable to all #16-14 SOLISTRAND® terminals & splices except for Flag Tongue Terminals (Reference Catalog # 65505). Dielectric Strength is not an applicable test for uninsulated terminals and splices.

Testing conducted with 33220, applicable to all #12-10 SOLISTRAND® terminals & splices except for Flag Tongue Terminals (Reference Catalog # 65505). Dielectric Strength is not an applicable test for uninsulated terminals and splices.

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GMT Tool Series Part Numbers			
Hand Tool P/N	Battery Tool P/N	Pneumatic Tool P/N	APPLICATION / DESCRIPTION
GMT201	GMTE201B	PMT201	Molex .093" Dia Standard Pin & Socket Terminals, Clapscon Series
GMT202	GMTE202B	PMT202	Molex .062" Dia Standard Pin & Socket Terminals, KK, Flat Blade, Pitch Crimp
GMT203	GMTE203B	PMT203	Molex .156" KK Trifurcon Series
GMT204	GMTE204B	PMT204	Molex .093" Dia Clapscon Series
GMT206	GMTE206B	PMT206	ITT Cannon Zif Connector, Series DL
GMT208	GMTE208B	PMT208	TE Multimate Type III+ Series
GMT209	GMTE209B	PMT209	Elco 60-8017-0313
GMT211	GMTE211B	PMT211	TE PCB Terminals and Disconnects, .058" Dia
GMT220	GMTE220B	PMT220	TE Type XI Contacts
GMT221	GMTE221B	PMT221	Rockwell Collins Thin-Line I & II
GMT225	GMTE225B	PMT225	TE AMPMODU Series Type MOD IV Contacts
GMT226	GMTE226B	PMT226	TE Amplimite Series, Size 20DF
GMT230	GMTE230B	PMT230	TE AMPMODU Series Type IV, IV1/2 & V Contacts
GMT232	GMTE232B	PMT232	M22520/37-01 tool for M81824/1-X Splices TE (Raychem) "Mini-Seal" Environmental Splices (26-20, 20-16, 16-12)
GMT241	GMTE241B	PMT241	TE CPC Series, Size 20DF Contacts
GMT245	GMTE245B	PMT245	TE Mate-N-Lok Series 60620-() and 60619-()
GMT247	GMTE247B	PMT247	ITT Cannon D-Sub Economy Standard Size 20
GMT248	GMTE248B	PMT248	Comparable to Pyle-National TP-201389 (w/ Cutter)
GMT260	GMTE260B	PMT260	ITT Cannon DL Series ZIF Contacts, CCT-DL-3
GMT262	GMTE262B	PMT262	TE Amp-TAB Series 66168, 66143, 66169, 66144
GMT263	GMTE263B	PMT263	Teradyne 600-0026-000 I/O Series Contacts
GMT277	GMTE277B	--	M22520/38-01 for MS20659 Uninsulated Ring terminals size 22 through 10 and MS25486 external power plug socket contact size 12
GMT286	GMTE286B	PMT286	TE Contact 925576
GMT295	GMTE295B	PMT295	.64 mm (.025") Square Post terminal sizes 22 to 26 AWG (TE P/N: 87165-1; MOLEX P/N: 700580104)
GMT302	GMTE302B	PMT302	ITT Cannon CCT-UBC
GMT309	GMTE309B	PMT309	Amp TE tool 144969-2
GMT1005	GMTE1005B	PMT1005	Uninsulated Tin-plated Terminals 10 to 22 AWG (TE Tool 49935)
GMT1006	GMTE1006B	--	Uninsulated Nickel-plated Terminals 10 to 22 AWG (TE Tool 46447)
GMT1090	GMTE1090B	--	TE Cold Applied Environmental Splice (26-20, 20-16, 16-12)



**GMTExxxB
Battery Tool**



**PMTxxx
Pneumatic Tool**

Custom tools are available. Consult DMC for details.