



CRIMP TOOLS WITH CYCLE COUNTERS

Most shops perform go-no/go inspection on crimp tools after a specific period of time. But the usage of crimp tools in production or maintenance operations is inconsistent, and during a given period of time, a tool can be used to terminate thousands of wires, or less than a hundred, maybe none at all. Ideally, tools should be gaged based on actual usage and not a period of time.

In order to assist with this, DMC has designed a series of tools which are fitted with ruggedized Digital Cycle Counters that allow users to manage the tool through the inspection cycle based on the number of crimp cycles (actual usage) rather than an arbitrary time period. This greatly increases the number of crimp tools in production by decreasing the number of crimp tools awaiting gaging and balances the use of each tool between inspection events.

Each time the handles are closed, whether crimping a contact or just cycling the tool, the cycle is counted.

Gage inspection is accomplished with common "GO/NO-GO" gage and the tool is returned to production.

- ◆ Count-Based inspection system, not Time-Based.
- ◆ Keeps tools on the floor their entire gage cycle.
- ◆ Decreases the number of crimp tools awaiting gaging
- ◆ Based on established Mil-Spec tool frames
- ◆ Uses existing positioner, turrets, and dies

This Cycle Counter is available for other standard DMC Tools.



Here the AF8-CC and the Pneumatic WA27F-CC Crimp Tools are shown. WA22-CC is also available.



DIGITAL CYCLE COUNTER FOR CRIMP TOOLS



The AFM8-CC crimps most of the miniature and sub-miniature connector types that are so widely used in electronic systems. It gives a Mil-Standard 8 impression crimp, which assures maximum tensile strength. The cycle controlled precision ratchet assures consistently accurate crimps every time. The tool frame has a built-in 8 step selector knob for ease in dialing the correct crimp depth setting for the wire being used. The AFM8-CC meets the need for a miniature tool accommodating wire sizes 20 through 32 AWG.

Positioners adapt the tool frame to a particular application. The data plate on each positioner designates which contacts the positioner accommodates for its wire size and indicates selector position. The positioner is easily removed and changed.

POSITIONER PART NUMBERS

MILITARY P/N	DMC P/N	DESCRIPTION	NSN
M22520/2-02	K1S	POSITIONER	5120-01-335-8592
M22520/2-03	K60S	POSITIONER	5120-01-335-8593
M22520/2-04	K151	POSITIONER	5120-01-335-8594
M22520/2-05	K3	POSITIONER	5120-01-335-8595
M22520/2-06	K41	POSITIONER	5120-01-335-8624
M22520/2-07	K40	POSITIONER	5120-01-335-8625
M22520/2-08	K13-1	POSITIONER	5120-01-335-8626
M22520/2-09	K42	POSITIONER	5120-01-335-8627
M22520/2-10	K43	POSITIONER	5120-01-335-8628
M22520/2-11	K287	POSITIONER	5120-01-335-8629
M22520/2-12	K286	POSITIONER	5120-01-335-8630
M22520/2-13	K338	POSITIONER	5120-01-335-8631
M22520/2-14	K340	POSITIONER	5120-01-335-8632
M22520/2-15	K341	POSITIONER	5120-01-335-8633
M22520/2-16	K339	POSITIONER	5120-01-335-8634
M22520/2-17	K342	POSITIONER	5120-01-335-8635
M22520/2-18	K343	POSITIONER	5120-01-335-8636
M22520/2-19	K330-2	POSITIONER	5120-01-335-8637
M22520/2-20	K331-2	POSITIONER	5120-01-335-8638
M22520/2-21	K332-2	POSITIONER	5120-01-335-8609
M22520/2-22	K212	POSITIONER	5120-01-335-8610
M22520/2-23	K267-1	POSITIONER	5120-01-335-8611
M22520/2-24	K75S-1	POSITIONER	5120-01-335-8612
M22520/2-25	K261-1	POSITIONER	5120-01-335-8613
M22520/2-26	K262-1	POSITIONER	5120-01-335-8614
M22520/2-27	K269-1	POSITIONER	5120-01-335-8615
M22520/2-28	K373-1	POSITIONER	5120-01-335-8616
M22520/2-29	K372-1	POSITIONER	5120-01-335-8617
M22520/2-30	K404	POSITIONER	5120-01-335-8618
M22520/2-31	K406	POSITIONER	5120-01-335-8619
M22520/2-32	K496	POSITIONER	5120-01-335-8620
M22520/2-33	K74S	POSITIONER	5120-01-335-8621
M22520/2-34	K323	POSITIONER	5120-01-335-8622
M22520/2-35	K532-1	POSITIONER	5120-01-335-8623
M22520/2-36	K473	POSITIONER	5120-01-335-8596
M22520/2-37	K709	POSITIONER	5120-01-361-9666
M22520/3-1	G125	GAGE	5220-01-016-6002
	SK2/2	ADJUSTABLE POSITIONER	5120-01-171-1569