



## Series 80 Mighty Mouse Contacts and Tools Crimp Tools and Positioners

### Miniature Adjustable Crimp Tools

A



These crimp tools perform precision eight indent crimps for gas-tight wire terminations and excellent tensile strength. Adjustment wheel has 8 settings. Ratchet mechanism prevents improper crimps. Use with bayonet-type positioners. Check calibration with M22520/3 gages. Length is 6.75 inches, weight is approx. 10 oz.

**A** Standard M22520/2-01 crimper. Use with standard size #23 and #20HD Mighty Mouse contacts and with M39029/76 and /78 coaxial center contacts. Requires positioner, ordered separately.

**B** Special MH992 crimper used with 50 ohm matched impedance coaxial inner contacts. Requires positioner, ordered separately.



Figure	Part Number	Military Part Number	Daniels Part Number	Tool Code
A	<b>809-015</b>	M22520/2-01	AFM8	A
B	<b>809-128</b>	(none)	MH992	B

### Positioners for use with Miniature Adjustable Crimp Tools



These bayonet-type positioners hold contacts at correct height for crimping with M22520/2 type miniature step adjustable tools, above. Face plate shows correct tool settings.

**C** Positioner for standard size #23 contacts. #22-#28 AWG. Use with 809-015 crimp tool.

**H** Positioner for matched impedance #12 coaxial inner contact. Use with 809-128 crimp tool.

**D** Positioner for small bore size #23 contacts. #26-#30 AWG. Use with 809-015 crimp tool.

**I** Positioner for #20HD contacts. Use with 809-015 crimp tool.

**E** Positioner for M39029/76 and 78 coaxial inner contact. Use with 809-015 crimp tool.

**S** Positioner for large bore size #23 contacts. #20-#22 AWG. Use with M22520/2-01 crimp tool.

**F** Positioner for matched impedance #12 coaxial inner contact. Use with 809-128 crimp tool.

**T** Positioner for long size #23 pin contact for use with combo arrangements with size #8 contacts. Use with M22520/2-01 crimp tool.

**G** Positioner for M39029/27 and 28 #12 coaxial inner contact. Use with 809-015 crimp tool.

**U** Positioner for long size #23 socket contact for use with combo arrangements with size #8 contacts. Use with M22520/2-01 crimp tool.



Figure	Part Number	Military Part Number	Daniels Part Number	Tool Code
C	<b>809-005</b>	(none)	K1461	C
D	<b>809-057</b>	(none)	(none)	D
E	<b>809-125</b>	M22520/2-35	K532-1	E
F	<b>809-124</b>	(none)	K1360	F
G	<b>809-135</b>	M22520/2-34	K323	G
H	<b>859-006</b>	(none)	K1721	H
I	<b>809-206</b>	(none)	(none)	I
S	<b>809-301</b>	(none)	(none)	S
T	<b>809-174</b>	(none)	(none)	T
U	<b>809-369</b>	M22520/2-07	K40	U

Dimensions in Inches (millimeters) are subject to change without notice.

# Series 80 Mighty Mouse Contacts and Tools Crimp Tools and Positioners for Coaxial Contacts



## Crimp tool and positioner for #12, #16 and #20 power contacts, 809-093 adapters



**J** Crimp tool for use with size #20, #16 and #12 power pins. 9.75 inches OAL, 1.25 pounds. Use with M39029/57 and /58 contacts and 809-093 adapters.

**K** Positioner for use with size #20, #12 and #16 Power contacts.

**L** Positioner for use with 809-093 adapters.

Figure	Part Number	Military Part Number	Daniels Part Number	Tool Code
J	<b>809-136</b>	M22520/1-01	AF8	J
K	<b>809-137</b>	M22520/1-04	TH163	K
L	<b>809-138</b>	(none)	TH653	L

## Crimp tool and positioner for #16 coaxial outer contact



For crimping size #16 shield sleeves. These mil spec approved tools feature a ratchet mechanism to prevent damage from overcrimping. Check calibration with M22520/3 gage.

**M** Crimp tool for use with size #16 coaxial contacts. Blue handles. 9.75 inches OAL, 1.25 pounds.

**N** Positioner for use with size #16 coaxial contacts. Use with 809-127 (M22520/4-01) crimp tool.

Figure	Part Number	Military Part Number	Daniels Part Number	Tool Code
M	<b>809-127</b>	M22520/4-01	GS100-1	M
N	<b>809-126</b>	M22520/4-02	GP295	N

## Crimp tool and positioner for #12 coaxial outer contact



For crimping size #12 shield sleeves. These mil spec approved tools feature a ratchet mechanism to prevent damage from overcrimping. Check calibration with M22520/3 gage.

**O** Crimp tool for use with size #12 coaxial contacts. Black handles. 9.75 inches OAL, 1.25 pounds.

**P** Positioner for use with size #12 coaxial contacts. Use with 809-133 (M22520/31-01) crimp tool.

Figure	Part Number	Military Part Number	Daniels Part Number	Tool Code
O	<b>809-133</b>	M22520/31-01	GS200-1	O
P	<b>809-134</b>	M22520/31-02	G2P330	P

## Parallel action crimp tool and hex die set for 50 ohm matched impedance #12 coax



**Q** Parallel action tool for use with hex crimp dies. 11 inches OAL, 2.0 pounds. Anodized aluminum frame, steel mechanism, plastic handles. Includes tool for die set removal. Accepts all M22520/5 die sets.

**R** Die set for terminating coaxial shield to outer contact. Use with size #12 matched impedance M39029/102 and 103 type coaxial contacts. Set consists of upper and lower halves. Made of hardened steel with black oxide finish. Die set has two closures.

Figure	Part Number	Military Part Number	Daniels Part Number	Tool Code
Q	<b>809-129</b>	M22520/5-01	HX4	Q
R	<b>809-130</b>	M22520/5-03	Y196	R

Dimensions in Inches (millimeters) are subject to change without notice.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

[M22520/4-02](#) [M22520/1-01](#) [M22520/1-04](#)