



*Tooling solutions for the power utility industry.*



**M4455-2  
PIN HOLDER**



**M4455-16  
FOLDING RULE**



**C403-2213  
PRUNING SAW**



**M4455-5  
CUTOUT TOOL**



**M4455-17  
FIXED PRONG  
TIE STICK HEAD**



**M4455-28  
SCREW DRIVER**



**M4455-6  
RATCHET WRENCH  
1/2" SQ. DRIVE**



**M4455-18  
COTTER KEY  
INSTALLING TOOL**



**M4455-29B  
CLAMP STICK HEAD 6"**



**M4455-9  
DISCONNECT**



**M4455-22  
BALL SOCKET  
ADJUSTER**



**M4455-38  
CLEAR VISION MIRROR**



**M4455-10  
CHUCK BLANK**



**C4455-23  
HACK SAW**



**M4455-39  
SHEPHERD HOOK**



**M4455-12  
SNAPOUT COTTER  
KEY REMOVER**



**M4455-15  
LOCATING PIN**



**H4455-25  
PAINT BRUSH**



**M4455-40  
FIXED BLADE  
TIE STICK HEAD**

**TO ORDER CALL: 800-966-3530 OR FAX: 215-357-9193**



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**M4455-46**  
**FLEX WRENCH HEAD**  
1/2" SQ. DRIVE



**M4455-71**  
**POINTED DISCONNECT**



**M4455-87**  
**BALL SOCKET ADJUSTER**  
M4455-87 for adapters up to 2-3/4"



**M4455-50**  
**SKINNING KNIFE**



**FUSE PULLER**  
**M4455-77** 1/2" - 1-1/2" FUSE  
**M4455-78** 1-1/2" - 2-1/2" FUSE



**M4455-88**  
**BOLT HEAD WRENCH**



**M4455-63**  
**CONDUCTOR**  
**CLEANING BRUSH**



**M4455-79**  
**SPIRAL DISCONNECT**



**M4455-89**  
**RATCHET WRENCH**



**M4455-67**  
**ADJ. INS. FORKS**



**M4455-80**  
**TREE & ROPE HOOK**



**C403-2270**  
**AEROSOL CAN HOLDER**



**M4455-69**  
**ROTARY PRONG**  
**TIE STICK HEAD**



**M4455-82**  
**ALL PURPOSE**  
**COTTER KEY TOOL**



**M4455-84**  
**UNIVERSAL ADAPTER**



**M4455-92**  
**CONDUCTOR BRUSH**  
1-1/4" DIA. TUBE W/ UNIV. FITTING



**M4455-70**  
**ROTARY BLADE**  
**TIE STICK HEAD**



**M4455-85**  
**HAMMER**



**C403-0320**  
**CONDUCTOR BRUSH**  
1-1/4" DIA. TUBE W/ CLIP

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**H4455-96  
COTTER KEY PULLER**



**M4455-98  
SUPERTESTER ADAPTER**



**M4455-102  
CLEVIS PIN INSTALLER**



**M4455-103  
COTTER KEY HOLDER**



**C403-0177  
ALL ANGLE PLIERS**



**C403-1416  
TIE WIRE CLAW  
W/ UNIV. TOOL FITTING**

### LIVE-LINE WORK MINIMUM APPROACH DISTANCES

Nominal Voltage in Kilovolts Phase-to-Phase	Distance	
	Phase-to-ground exposure	Phase-to-phase exposure
0.05 to 1.0	*	*
1.1 to 15.0	2-1	2-2
15.1 to 36.0	2-4	2-7
36.1 to 46.0	2-7	2-10
46.1 to 72.5	3-0	3-6
72.6 to 121.0	3-2	4-3
138.0 to 145.0	3-7	4-11
161.0 to 169.0	4-0	5-8
230.0 to 242.0	5-3	7-6
345.0 to 362.0	8-6	12-6
500.0 to 550.0	11-3	18-1
765.0 to 800.0	14-11	26-0

- 1) Distances agree with OSHA guidelines in Table R-6 of the Federal Register. These distances take into consideration the highest switching surge an employee will be exposed to on any system with air as the insulating medium and the maximum voltages shown.
- 2) The clear live-line tool distance shall equal or exceed the values for the indicated voltage ranges.
- 3) Avoid contact.

### C403-1417 - UTILITY HEAD

The Gator style jaw design makes this tool popular for many hot line jobs: Placing and removing blocks, slings, circuit breakers, line hooks, and strain breakers.

Ferrule style head also available mounted on insulated Epoxiglas<sup>®</sup> handle.



**IF YOU DON'T SEE WHAT YOU NEED  
CONTACT RELIABLE EQUIPMENT  
800-966-3530**

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