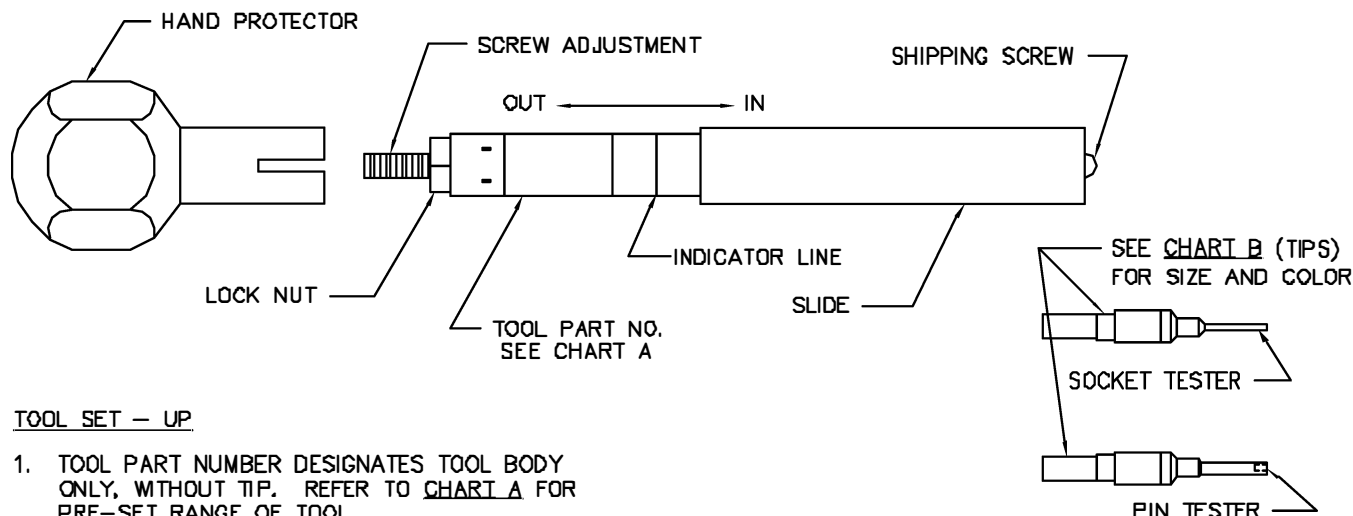


# DANIELS HT250 CONTACT RETENTION TESTER ADJUSTABLE TOOL

**DMC** DANIELS  
MANUFACTURING  
CORPORATION

## DATASHEET

SEE REVERSE SIDE FOR IMPORTANT INFORMATION CONCERNING  
LIMITED WARRANTY, AND LIMITATION OF LIABILITY.



### TOOL SET - UP

1. TOOL PART NUMBER DESIGNATES TOOL BODY ONLY, WITHOUT TIP. REFER TO CHART A FOR PRE-SET RANGE OF TOOL.
2. REMOVE BUTTON HEAD (SHIPPING) SCREW. SELECT APPROPRIATE TIP AND SCREW INTO TOOL BODY THROUGH SLIDE.

### TOOL ADJUSTMENT

1. REMOVE HAND PROTECTOR, BACK OFF LOCK NUT AWAY FROM BODY OF TOOL TO ALLOW FREE MOVEMENT OF ADJUSTMENT SCREW.
2. SECURE TOOL IN A SUITABLE FIXTURE WITH FORCE GAGE, OR HOLD FIRMLY BY HAND AND APPLY AXIAL FORCE UNTIL END OF SLIDE IS ALIGNED WITH INDICATOR LINE. NOTE READING OF FORCE ON GAGE (OR ACCURATE WEIGHT-SCALE).
3. ADJUST TOOL TO REQUIRED FORCE BY TURNING ADJUSTMENT SCREW WITH A SCREWDRIVER - CLOCKWISE TO INCREASE AND COUNTER CLOCKWISE TO DECREASE. WHEN REQUIRED VALUE IS ACHIEVED, TIGHTEN LOCK NUT FIRMLY WHILE MAINTAINING ALIGNMENT OF SLIDE AND INDICATOR LINE. TOOL IS NOW SET.
4. NOTE: INSPECTION STICKERS MAY BE USED TO SEAL HAND PROTECTOR ONTO TOOL BODY, IN ORDER TO SIGNAL ANY TAMPERING WITH THE ADJUSTMENT SCREW.

CHART A

TOOL P/N	RANGE (LBS.)
HT250-1	1.5 THRU 3.0
HT250-2	3.2 THRU 5.5
HT250-3	4.0 THRU 8.0
HT250-4	7.0 THRU 18.0
HT250-5	17.0 THRU 25.0
HT250-6	24.0 THRU 40.0

### USE OF TOOL

1. TO TEST RETENTION OF SOCKET CONTACTS, USE THE SOCKET TESTER TIP WITH A PRESET TOOL. INSERT TESTER (PIN) INTO MATING END OF CONTACT. TOOL MUST BE IN A STRAIGHT LINE WITH CONTACT. FOR PIN CONTACTS, FIT PIN TESTER TO TOOL BODY AND PLACE OVER CONTACT AT THE MATING END.
2. APPLY PRESSURE TOWARD CONTACT UNTIL SLIDE ALIGNS WITH INDICATOR LINE. CONTACT SHOULD REMAIN IN PLACE.

CHART B

REPLACEMENT TIPS – IDENTIFICATION			
(CONTACT) SIZE	COLOR CODE	SOCKET TESTER	PIN TESTER
12	YELLOW	67-012-01	68-012-01
16	BLUE	67-016-01	68-016-01
20	RED	67-020-01	68-020-01
22, 22M, 22D	COPPER	67-022-01	68-022-01
23	BLACK	67-023-01	68-023-01
26	GREEN	67-026-01	68-026-01

### LIMITATION OF LIABILITY

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### LIMITED WARRANTY

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