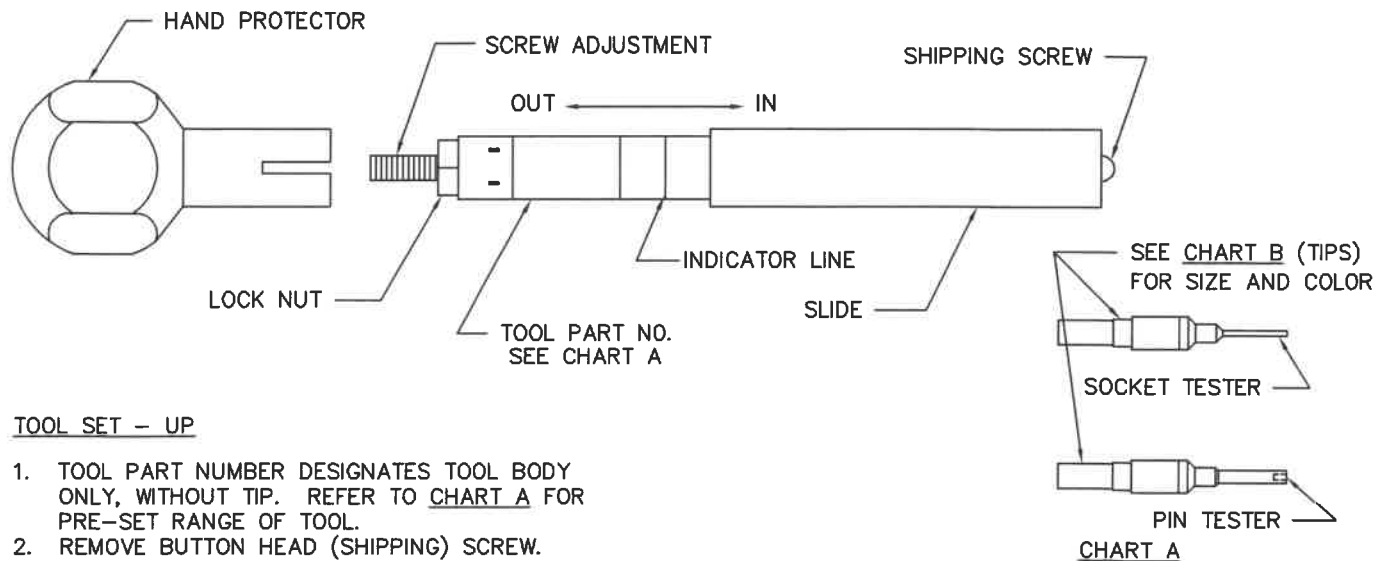


DANIELS HT250 CONTACT RETENTION TESTER ADJUSTABLE TOOL

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 RTCG-75A OR EQUIVALENT SETTING GAGE FOR PRECISE CALIBRATION. IF PRECISE CALIBRATION ISN'T REQUIRED, YOU CAN SET THE TOOL BY HOLDING THE TOOL FIRMLY BY HAND ON A SCALE OR OTHER WEIGHT INDICATING DEVICE, AND APPLY AXIAL FORCE UNTIL THE END OF THE SLIDE IS ALIGNED WITH THE 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.

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.

TOOL P/N	RANGE (LBS.)
HT250-1	1.5 THRU 3.0
HT250-2	3.0 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
HT250-7	20.0 THRU 68.0

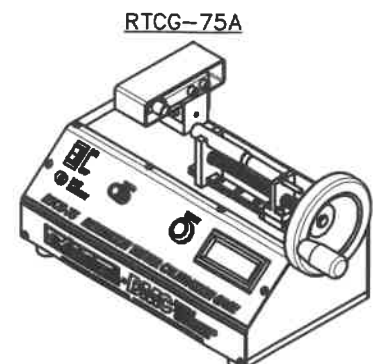


CHART B

REPLACEMENT TIPS – IDENTIFICATION			
(CONTACT) SIZE	COLOR CODE	SOCKET TESTER	PIN TESTER
4	YELLOW	67-004-01	68-004-01
6	BLUE	67-006-01	68-006-01
8	RED	67-008-01	68-008-01
10	GRAY	67-010-01	68-010-01
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
24	GOLD	67-024-01	68-024-01
26	GREEN	67-026-01	68-026-01

(DMC95) RETENTION TESTER TOOL KIT

DMC OFFERS A RETENTION TESTER TOOL KIT WITH FOLLOWING POPULAR SIZES INCLUDED:

TOOL KIT PART NUMBER – DMC95

RETENTION TESTERS TOOLS – HT250-1, HT250-2, HT250-3, HT250-4, HT250-5 & HT250-6

SOCKET & PIN TIP SIZES – 4, 8, 12, 16, 20, 22, 22M, 22D, 23, 24 & 26

LIMITATION OF LIABILITY

DANIELS MANUFACTURING CORPORATION IS NOT LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY NATURE OR KIND RESULTING FROM THE USE, OR MISUSE, OF ANY OF ITS PRODUCTS. OWNERS AND USERS OF DMC PRODUCTS ASSUME FULL RESPONSIBILITY FOR INSTRUCTING THEIR EMPLOYEES IN THE PROPER AND SAFE USE OF SUCH PRODUCTS.

LIMITED WARRANTY

DMC (Daniels Manufacturing Corporation) warrants each new product sold by it to be free from defects in material and workmanship under normal use and service. DMC's obligation under this warranty is limited to the free correction or, at DMC's option, the refund of the purchase price of any such product which proves defective in normal service within ninety (90) days after delivery to the first user, provided that the product is returned to DMC with all transportation charges prepaid and which shall appear to DMC's satisfaction, after DMC's inspection, to have been defective in material or workmanship, it being understood that DMC products are not consumer products. This warranty shall not cover any damage to any product which, in the opinion of DMC, was caused by normal wear, misuse, improper operation, tampering, neglect or accident. This warranty is in lieu of all other warranties express or implied. No warranty, express or implied, is made or authorized to be made or assumed with respect to products of Daniels Manufacturing Corporation other than those herein set forth.

Tobie Burr

From: Wayne A Morgan <WayneM@dmctools.com>
Sent: Tuesday, May 31, 2022 3:10 PM
To: Tobie Burr
Cc: James McGar
Subject: FW: Calibration, Verification, Quality Assurance - Contact Request from tobieb@tescomusa.com

Caution: This is an external email. Please take care when clicking links or opening attachments. When in doubt, contact Tescom IT Department.

10%+/- of what the tool is set to

Thank you,

Wayne Morgan

Customer Service Representative III



d: (407) 855-6161 ext. 197

e: waynem@dmctools.com | a: 526 Thorpe Rd., Orlando, FL 32824



From: DMC Tools <dmc@dmctools.com>

Sent: Tuesday, May 31, 2022 3:38 PM

To: tobieb@tescomusa.com; DMC <dmc@dmctools.com>; Scott Frankenfield <scottf@dmctools.com>; John Santana <johns@dmctools.com>; Online Orders <OnlineOrders@dmctools.com>; Tyrone C. Fitzgerald <TyroneF@dmctools.com>; Tyrone C. Fitzgerald <TyroneF@dmctools.com>; James McGar <JamesM@dmctools.com>

Subject: Calibration, Verification, Quality Assurance - Contact Request from tobieb@tescomusa.com

This Email was sent from outside of Daniels Manufacturing Corporation.

Please do not click links or open attachments unless you recognize the source of this email and know the content is safe.

- Helpdesk



Contact Form Submission

From: Tobie Burr (tobieb@tescomusa.com 51224466898234)

Request Date: 2022-05-31

Company: Tescom Calibration

Address: 3317 El Salido Pkwy

Customer Type: None

City: Cedar Park

Part Number: HT250

State: TX

Quantity:

Postcode: 78613

Application Type: None

Country: United States

What is the tolerance of HT250 when preset? I did not see anything in the datasheet, envelope sheet, or online spec.



Phone: [\(407\) 855-6161](tel:(407)855-6161) Fax: [\(407\) 855-6884](tel:(407)855-6884)

DMC Tools, 526 Thorpe Road Orlando, FL 32824-8133

Disclaimer

This email is privileged, confidential and intended solely for the use of the individual or entity to which it is addressed. If you are not the intended recipient, you are not authorized to read, disclose, copy or otherwise use or transmit this information or make any dissemination, distribution or copying of this information. Any views or opinions presented are solely those of the author and do not necessarily represent those of Daniels Manufacturing Corporation.

