





DMC® is an ISO9001:2015 and AS9100D Registered Company. Scan the QR to learn more about our commitment to quality.

LIMITED WARRANTY: DMC 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.

DBS-BK Rev C

TABLE OF CONTENTS



INTRODUCTION

Pages 1 - 2



ONE-STEP BANDING TOOLS

Tools, Bands, and Verification Equipment Page 3 - 4



TWO-STEP BANDING TOOLS

Tools, Bands, and Verification Equipment Page 5 - 6



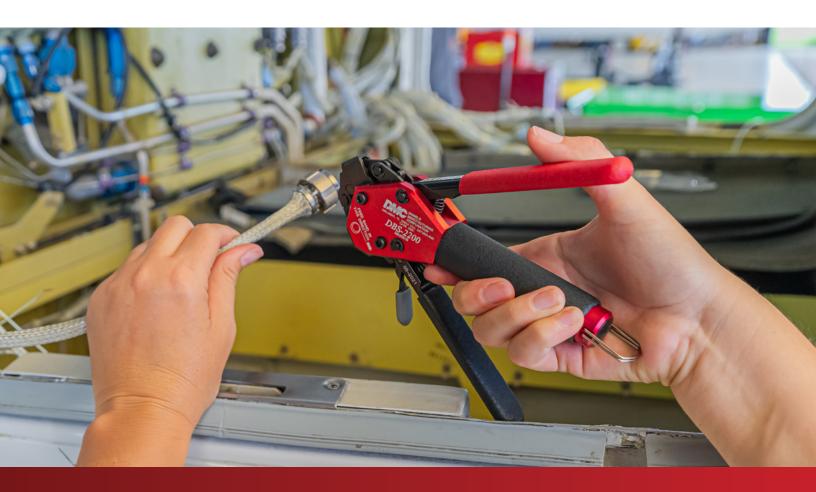
ACCESSORIES

Blades and Split Rings Page 7

RELIABLE TOOLS FOR EMI PROTECTION

Daniels Manufacturing Corporation® (DMC®) banding tools set the standard in reliability for terminating electromagnetic interference (EMI) bands throughout mission-critical systems. Our banding tools meet stringent specifications to ensure secure and consistent band installations that withstand intense environmental conditions. These tools are commonly used across aerospace, defense, and other high-reliability electronic industries.

DMC banding tools are not only easy to use, but are also designed with repeatability in mind. Our advanced tensioning mechanism minimizes user fatigue to help operators achieve accurate results and safety in every project.





LEARN MORE ABOUT BANDING TOOLS





FLEXIBLE SOLUTIONS

COMPLETE COVERAGE

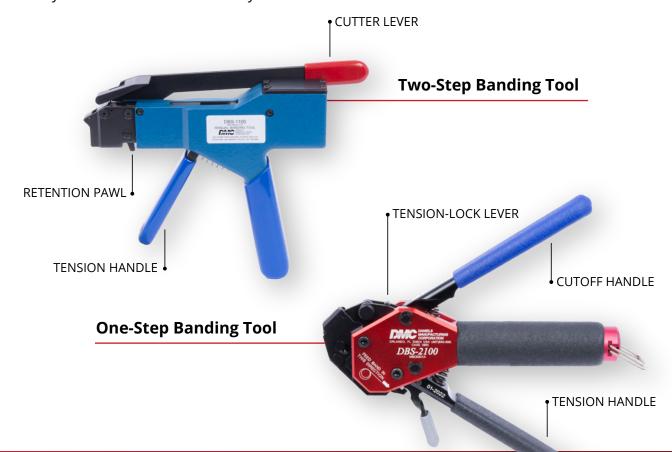
- Tools designed to install stamped and welded M85049 bands
- Coverage includes standard .250" bands and mini .125" bands
- Broad compatibility with bands from multiple OEMs

RELIABLE

- Qualified to SAE AS81306/1 and /2 specifications
- Built from durable materials that withstand repeated use

PRECISE

- Tension-lock system ensures the correct amount of tension is applied for each termination
- Factory-set calibration is certified by NIST



RELEASE LEVER

ONE-STEP BANDING TOOLS

DMC's one-step banding tools are built to SAE AS81306/1 specifications and designed to install stamped bands. They are available in two varieties to accommodate both .250" and .125" wide bands. The cutoff handle on the one-step tools easily cuts, bends, and locks the shield band simultaneously.

STEP BY STEP



Squeeze the release lever to insert the band loop-side down.



Tension the band using the black tensioning handle until the banding tool locks.



Use the red or blue cutoff handle to cut the excess band.

DBS-2100

.250" BANDING TOOL





145-155 lbf



6.8" x 6.7"



1.02 lbs

DMC P/N	Description	Military P/N	
DBS-2100	.250" Wide Band One-Step Tool*	M81306/1A	
DBS-128-3 .250" Wide Stamped Band - Fla		M85049/128-3	
DBS-128-4 .250" Wide Stamped Band - Coiled		M85049/128-4	

*Includes DBS-2100 and DBS-2100-32 Tension Adjustment Key. Bands are manufactured by companies listed on the M85049/128 QPL.

ONE-STEP BANDING TOOL KITS

DMC offers several tool kit options for our onestep banding system. Among the most popular is DMC2058A which includes tools to terminate .250" and .125" wide stamped bands. This kit comes complete with 10 flat bands of each size as well as the accessories necessary for tension verification and adjustments.

DMC2058A .250" and .125" Kit

22" x 17" x 5"



DBS-2200







6.8" x 6.7"



1.02 lbs

DMC P/N	Description	Military P/N
DBS-2200	.125" Wide Mini-Band One-Step Tool*	M81306/1B
DBS-128-7	.125" Wide Stamped Mini-Band - Flat	M85049/128-7
DBS-128-8	.125" Wide Stamped Mini-Band - Coiled	M85049/128-8

^{*}Includes DBS-2200 and DBS-2100-32 Tension Adjustment Key. Bands are manufactured by companies listed on the M85049/128 QPL.

VERIFICATION GAGES

Field verification inspection gages are available for both tools and allow operators to ensure the proper tension of the tool is applied while on location. A colored guide on the gage indicates if the tension is too high or too low.



DBS-CG7 (M81306/1C) For DBS-2100 **DBS-CG8** (M81306/1D) For DBS-2200

ELECTRONIC CALIBRATION INSTRUMENT

The DBS-CG4D calibration instrument is suitable for quality assurance and calibration labs. This instrument allows the operator to gage the exact tension produced by the DBS-2200 and DBS-2100 banding tools. This instrument has a readout accuracy of $\pm 0.5\%$. It is calibrated by DMC and traceable to NIST.



DMC also offers several single-tool banding tool kits available with or without accessories and bands. Our most popular options include the DBS-2102 (M81306/1-01) kit for .250" bands and the DBS-2202 (M81306/1-02) kit is for .125" bands. Contact DMC for a complete list of our banding tool kits.

DBS-2102 .250" Kit 12.8" X 10.4" X 4.6"



TWO-STEP BANDING TOOLS

DMC's two-step banding tools are built to SAE AS81306/2 specifications and can install welded bands. These tools tension and cut the band leaving an extended cutoff tab. A rollover tool is then used to bend the extended cutoff tab 180° to prevent slippage. Pneumatic versions are also available.

STEP BY STEP



Insert the band loop-side up. Squeeze the blue tensioning handle until the tool locks.



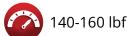
Lift the red cutter lever up to secure the band and back down to terminate the band.



Use the rollover tool to roll over the cutoff tab.

DBS-1100 .250" BANDING TOOL







7.6" x 5.4"



1.4 lbs

DMC P/N	Description	Military P/N	
DBS-1100	.250" Wide Band Two-Step Tool*	M81306/2-01A	
DBS-R03	Rollover Tool	M81306/2-01C	
DBS-128-1 .250" Wide Welded Band - Flat		M85049/128-1	
DBS-128-2	i -128-2 .250" Wide Welded Band - Coiled M85049/128		
PMBT1100	Pneumatic Equivalent -		

^{*}Includes DBS-1100 and DBS-1100-32 Tension Adjustment Key. Bands are manufactured by companies listed on the M85049/128 QPL.

TWO-STEP BANDING TOOL KITS

DMC offers a variety of two-step banding tool kits that are available with or without accessories and bands. Contact DMC for a complete list.

DBS-1102 .250" Kit 13" X 10" X 5"





DBS-1200

.125" BANDING TOOL









DMC P/N	Description	Military P/N
DBS-1200	.125" Wide Mini-Band Two-Step Tool*	M81306/2-02B
DBS-R05	Rollover Tool	M81306/2-02D
DBS-128-5	.125" Wide Welded Mini-Band - Flat	M85049/128-5
DBS-128-6	.125" Wide Welded Mini-Band - Coiled	M85049/128-6
PMBT1200	Pneumatic Equivalent	-

^{*}Includes DBS-1200 and DBS-1100-32 Tension Adjustment Key. Bands are manufactured by companies listed on the M85049/128 QPL.

VERIFICATION GAGE SETS

DMC offers verification gage sets to determine the calibration state of our two-step banding tools while in the field. The set features a verification gage for locking the tool and a Go/No-Go gage to confirm the tool's tension accuracy.



ELECTRONIC CALIBRATION INSTRUMENT

The DBS-CG1 calibration instrument allows operators to measure the exact tension produced by the DBS-1200, DBS-1100, and their pneumatic equivalents. This instrument is suitable for quality assurance and calibration labs and may be used with the DBS-CG1-F holding fixture.



DMC P/N	Contents		
DBS-1102	1 DBS-1100 Tool, 1 DBS-RO3 Rollover Tool, 1 DBS-1100-32 Adjustment Key, 1 DBS-CG2A Gage Set		
DBS-1202	1 DBS-1200 Tool, 1 DBS-RO5 Rollover Tool, 1 DBS-1100-32 Adjustment Key, 1 DBS-CG3A Gage Set		
DMC1379	1 DBS-1100 Tool, 1 DBS-RO3 Rollover Tool, 1 DBS-BR1 Band Removal Tool, 1 DBS-1100-32 Adjustment Key, 1 DBS-CG2A Gage Set, 50 qty 4-1380 Bands		

BANDING TOOL ACCESSORIES

BLADES

Blades should be replaced periodically to ensure the proper function and precision of DMC banding tools. Below is a table of replacement blades and their respective tool frame.

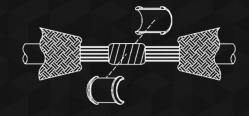
Replaceable Blades			
DMC Banding Tool P/N DMC Blade P/N Descr		Description	
DBS-1100 and DBS-1200	DBS-1100-7	Cutter Blade	
	DBS-2100-BRK*	Blade Field Service Kit	
DBS-2100	DBS-2100-SB	Replacement Stationary Blade	
	DBS-2100-MB	Replacement Movable Blade	
	DBS-2200-BRK*	Blade Field Service Kit	
DBS-2200	DBS-2200-SB	Replacement Stationary Blade	
	DBS-2200-MB**	Replacement Movable Blade	

^{*}Includes blades, pins, and clips.

SPLIT RINGS

DMC provides split rings as an additional means of protection for cable harnesses. Split rings are used to cover the terminated area on mid-cable shield terminations to ensure that the bands remain secure.

Split Rings For Mid-Cable Shield Terminations			
DMC P/N	Diameter	Military P/N	
4-1376	.500	M85049/93-08	
4-1377	.750	M85049/93-12	
4-1378	1.00	M85049/93-16	
4-1379	1.50	M85049/93-24	



^{**}Contact DMC for repairs. Not field replaceable.

^{*}Additional split rings are available. Contact DMC for more information.

^{**}Split rings are manufactured by companies listed on the M85049/93 QPL.



Daniels Manufacturing Corporation 526 Thorpe Road, Orlando, Florida 32824 USA 407-855-6161 dmc@dmctools.com www.dmctools.com