

One-Step Banding Tool System

for M85049/128-03, /128-04, /128-07, and /128-08 bands

DMC DANIELS
MANUFACTURING
CORPORATION



DBS-2100 & DBS-2200 (M81306/1-01* & M81306/1-02*)

ONE-STEP BAND APPLICATION TOOLS

The One-Step Band Application Tools are built to M81306/1 and designed to apply M85049/128-03, M85049/128-04, M85049/128-07, and M85049/128-08 bands. These tools are constructed to survive the demands of production and maintenance use, and remain precisely adjusted to provide a quality band termination.

The tension-lock system gives the operator a positive indication when the precise tension has been applied. The Cut-Off handle easily cuts and bends/locks the shield band in one step.

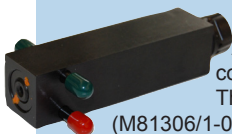
DBS-2100 .250 Wide Band Application Tool M81306/1-01*:

- Size and Weight: 6.7" x 6.75" x .92", 1.02 lbs.
- Tension Range: 145–155 lbs.
- Cut-off blades replaceable with
Stationary Blade: DBS-2100-SB
Movable Blade: DBS-2100-MB

DBS-2200 .125 Wide Mini-Band Application Tool M81306/1-02*:

- Size and Weight: 6.7" x 6.75" x .92", 1.02 lbs.
- Tension Range: 75–85 lbs.
- Cut-off blades replaceable with
Stationary Blade: DBS-2200-SB
Movable Blade: DBS-2200-MB

VERIFICATION OF ONE-STEP EMI/RFI BAND TOOLS M81306/1-01C & M81306/1-01D



The tension of the DMC One-Step Band Application Tools may be easily verified to insure correct band tension.

The **DBS-CG5** (M81306/1-01C) & **DBS-CG6**

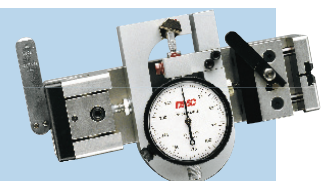
(M81306/1-01D) Verification Inspection Gages were developed to allow the user a quick means of checking calibration of band application tools in the field.

A band is placed through the Verification Inspection Gage. The band is drawn into the tool until the nose of the banding tool is firmly against the field calibration fixture. Before full tension is applied, the red cross-bar should be loose and the green one locked. Once full tension is applied, both cross bars will be loose. If the red cross-bar is locked and the green cross-bar loose, then the tool's tension is set too high.

The **DBS-CG4** Calibration Instrument will allow the operator to gage the exact tension produced by the tool.

A short piece of unused band material is fed into the tool far enough to fully engage the gripping mechanism. The other end is then inserted and latched into the calibration instrument. Full tension is exerted by the tool and read directly on the precision dial indicator portion of the calibration instrument.

Simple adjustments can be made to the tool as needed. A quick release mechanism is provided to allow the operator to easily remove the tool from the calibration instrument.



*Pending Qualification

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One-Step Banding Tool System

for M85049/128-03, /128-04, /128-07, and /128-08 bands



AS85049/128 TOOL IDENTIFICATION CHART				
TOOL MIL P/N	DESCRIPTION	WIDTH	DMC P/N*	APPLICATION
M81306/1-01	Set: One-Step Tool, Gage, and Tension Key	.250	DBS-2102	M85049/128-3 & -4
M81306/1-02	Set: One-Step Tool, Gage, and Tension Key	.125	DBS-2202	M85049/128-7 & -8
M81306/1-01A	One-Step Band Tool	.250	DBS-2100	M85049/128-3 & -4
M81306/1-02B	One-Step Band Tool	.125	DBS-2200	M85049/128-7 & -8
M81306/1-01C	Verification Inspection Gage	.250	DBS-CG5	DBS-2102
M81306/1-02D	Verification Inspection Gage	.125	DBS-CG6	DBS-2202
M81306/1-01E	Tension Adjustment Key	.250	DBS-2100-32	DBS-2102 & DBS-2202
M81306/1-02E	Tension Adjustment Key	.125	DBS-2100-32	DBS-2102 & DBS-2202

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AS85049/128 BAND IDENTIFICATION CHART			
BAND MIL P/N	CONFIGURATION	WIDTH	TERMINATE WITH
M85049/128-3	Stamped Buckle, Flat	.250	One-Step Only
M85049/128-4	Stamped Buckle, Pre-Coiled	.250	One-Step Only
M85049/128-7	Stamped Buckle, Flat	.125	One-Step Only
M85049/128-8	Stamped Buckle, Pre-Coiled	.125	One-Step Only

DMC BANDS & RINGS	
DMC P/N	DESCRIPTION
DBS-128-3	M85049/128-3 .250 wide x 14.25" long (Stamped Flat)
DBS-128-4	M85049/128-4 .250 wide x 14.25" long (Stamped Pre-Coiled)
DBS-128-7	M85049/128-7 .125 wide x 14.25" long (Stamped Flat)
DBS-128-8	M85049/128-8 .125 wide x 14.25" long (Stamped Pre-Coiled)
DBS-BR1	Band Removal Tool
4-1376	.500 Dia. Split Ring Set (Ref: AS85049/93)
4-1377	.750 Dia. Split Ring Set (Ref: AS85049/93)
4-1378	1.00 Dia. Split Ring Set (Ref: AS85049/93)
4-1379	1.50 Dia. Split Ring Set (Ref: AS85049/93)

DMC ONE-STEP APPLICATION TOOLS, ACCESSORIES AND COMPONENTS	
.250 STANDARD WIDTH BAND TOOLS	
DBS-2100	M81306/1-01A* Hand Operated Band Tool
DBS-2102	Hand Operated Band Application Tool Set (includes DBS-2100, DBS-2100-32, DBS-CG5)
DBS-2100-32	Tension Adjustment Key
DBS-2100-SB	Replacement Stationary Blade for .250 Band Tools
DBS-2100-MB	Replacement Movable Blade for .250 Band Tools
.125 WIDTH MINI-BAND TOOLS	
DBS-2200	M81306/1-02B* Hand Operated Mini Band Tool
DBS-2202	Hand Operated Mini Band Application Tool Set (includes DBS-1200, DBS-2100-32, DBS-CG6)
DBS-2100-32	Tension Adjustment Key
DBS-2200-SB	Replacement Stationary Blade for .125 Band Tools
DBS-2200-MB	Replacement Movable Blade for .125 Band Tools
TOOL VERIFICATION INSTRUMENTATION	
DBS-CG4	Laboratory Verification Instrument for DBS-2100 & DBS-2200 series band tools
DBS-CG5	Field Verification Inspection Gage for DBS-2100, M81306/1-01C*
DBS-CG6	Field Verification Inspection Gage for DBS-2200, M81306/1-01D*