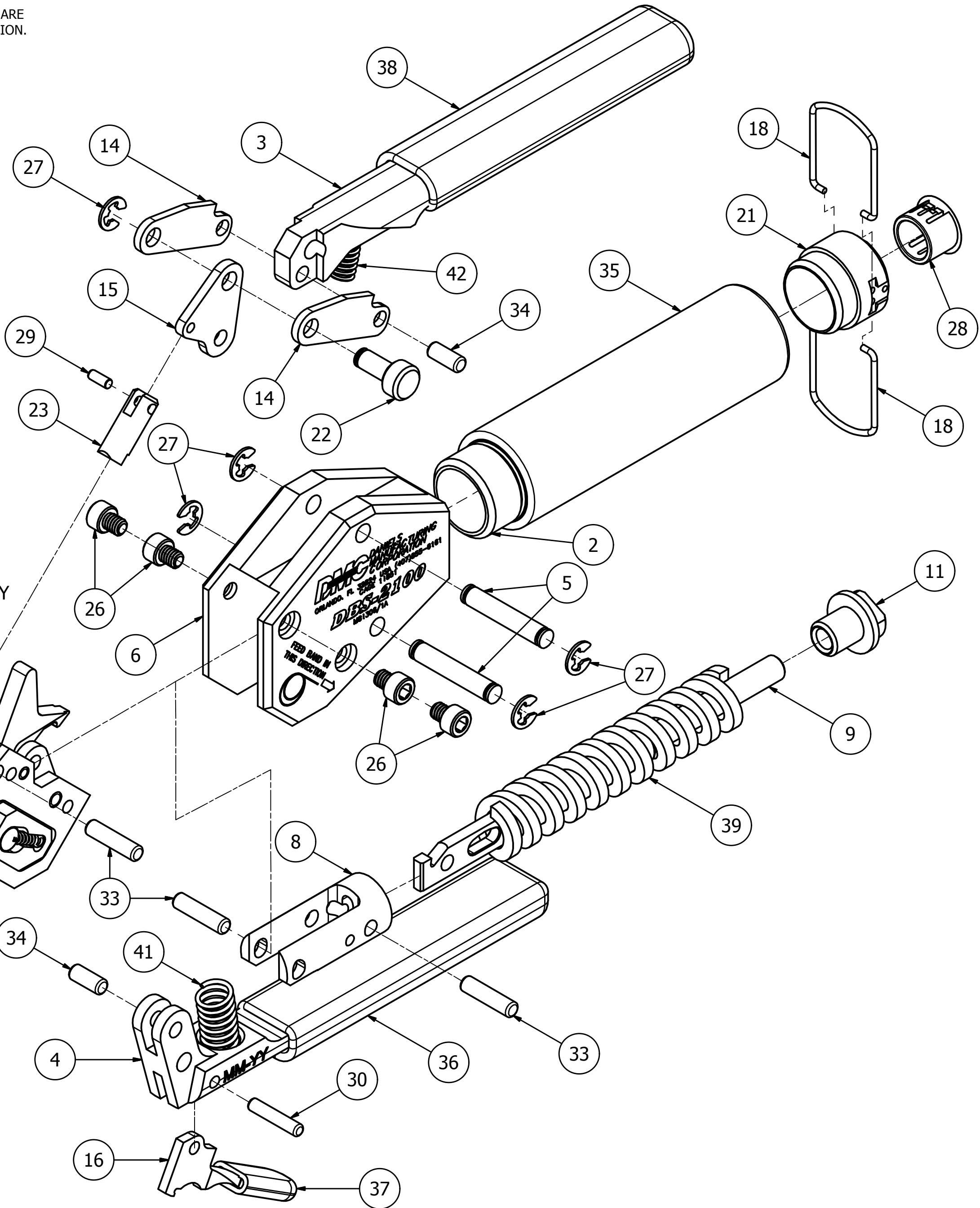


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# REVISIONS

REV	ECO NO.	DESCRIPTION	BY	DATE	APP'D BY	DATE
A	22665	ORIGINAL RELEASE	MF	10/9/2012	RRR	10/9/2012
B	22743	ITEM 29 WAS 6-1001	MF	12/12/2012	RRR	12/12/2012
C	23031	ADDED NOTE 3 TO SHEET 3, EDITED NOTE 2 ON SHEET 3, ADDED ITEM 47	MF	8/8/2013	RRR	8/8/2013
D	23237	ADDED NOTE 8 ON SHEET 1, ADDED "M81306/1-01A" TO LASER MARKING INSTRUCTIONS ON SHEET 3	MF	1/30/2014	EF	1/30/2014
E	23464	ITEM 20 WAS DBS-2100-20, UPDATED MIL SPEC P/N	MF	8/8/2014	EF	8/8/2014

C	47	DBS-2100-NP	1	NAMEPLATE
	46	DBS-2100-32	1	TENSION ADJUSTMENT KEY
	45	DBS-2100-TKA	1	TOOL KIT ASSEMBLY
	44	DBS-2100-DS	1	DATASHEET
B	43	8-1334	2	.125 OD X .081 ID COMP. SPR
	42	8-1333	1	.24 OD X .176 ID COMP. SPR
	41	8-1332	1	.36 OD X .276 ID COMP. SPR
	40	8-1331	2	.18 OD X .132 ID COMP. SPR
	39	8-1330	1	.63 OD X .315 ID COMP. SPR
	38	7-1229	1	CUT-OFF HANDLE BOOT (BLUE)
	37	7-1228	1	RELEASE LEVER BOOT
	36	7-1227	1	TENSIONER HANDLE BOOT (BLACK)
	35	7-1226	1	MAIN BODY BOOT (BLACK)
	34	6-1358	2	Ø5/32 X 3/8 DOWEL PIN
E	33	6-1357	4	Ø5/32 X 5/8 DOWEL PIN
	32	6-1190	2	Ø1/16 X 1/4 DOWEL PIN
	31	6-1065	1	Ø1/8 X 7/16 DOWEL PIN
	30	6-1040	3	Ø1/8 X 5/8 DOWEL PIN
	29	6-1001M	1	Ø3/32 X .240 DOWEL PIN
	28	4-1798	1	TUBE PLUG, 1/2" ID
	27	4-1785	5	E-RING 3/16" SHAFT
	26	1-1827	4	8-32 X 3/16 SHCS
	25	1-1131	1	4-40 X 1/8 BUTT HD SCREW
	24	DBS-2100-SB	1	STATIONARY BLADE
	23	DBS-2100-MB	1	MOVABLE BLADE
	22	DBS-2100-LP	1	LINK PIN
	21	DBS-2100-21	1	HANDLE CAP
	20	DBS-2200-3	1	ADVANCEMENT PAWL
	19	DBS-2100-19	1	INTERNAL ROCKER
	18	DBS-2100-18	2	D-RING
	17	DBS-2100-17	1	COVER
	16	DBS-2100-16	1	RELEASE LEVER
	15	DBS-2100-15	1	CUTTER ROCKER
	14	DBS-2100-14	2	CUTTER LINK
	13	DBS-2100-13	1	FRONT PAWL
	12	DBS-2100-12	1	RELEASE HOOK
	11	DBS-2100-11	1	ADJUSTMENT CAP
	10	DBS-2100-10	1	LATCH
	9	DBS-2100-9	1	ADJUSTMENT ROD
	8	DBS-2100-8	1	PUSH ROD
	7	DBS-2100-7	1	SHUTTLE
	6	DBS-2100-6	1	MAIN HOUSING
	5	DBS-2100-5	2	PIVOT PIN
	4	DBS-2100-4	1	ADVANCEMENT HANDLE
	3	DBS-2100-3	1	CUTTER HANDLE
	2	DBS-2100-2	1	HANDLE
	1	DBS-2100-1	1	INTERNAL HOUSING
	ITEM	PART NO.	QTY.	DESCRIPTION / REMARKS
	DRN.	MATT FRINK	DATE	10/9/2012
	CHK'D.	RRR	DATE	10/9/2012
	APP'D.		DATE	
	APP'D.		DATE	
	TOLERANCE:	UNLESS OTHERWISE SPECIFIED FRACTIONS ± 1/32 ANGLE ± 1/2° DECIMAL INCHES: .X ± .020 .XX ± .010 .XXX ± .005 .XXXX ± .0005 REMOVE BURRS AND BREAK SHARP EDGES .005 - .015 SURFACE FINISH TO BE .63 OR BETTER ALL OVER		
	WHERE USED:	SIZE	SCALE	CAD P/N
		C	1.25:1	DBS-2100
		POSTING	DWG. NO.	REV.
			DBS-2100	E

9. PROJECT 9167.
- D 8. LIGHTLY GREASE ALL MOVING PARTS THAT DO NOT COME INTO CONTACT WITH THE BAND.
7. PLACE ITEM 47 INTO THE LABEL POCKET ON ITEM 45.
6. PACKAGE ASSEMBLED TOOL AND THE DATASHEET (ITEM 44) INTO ITEM 45.
5. ITEM 44 NOT SHOWN, BUT SHIPPED WITH TOOL.
4. TIGHTLY HAND SCREW ITEM 2 INTO ITEM 6. APPLY CA9 ADHESIVE TO ITEM 21 BEFORE PRESSING INTO ITEM 2. ORIENT ITEM 21 TO ALLOW D-RINGS (ITEM 18) TO CAPTURE HANDLES WHEN CLOSED.
3. APPLY LOCTITE 242 TO ITEMS 2 & 26.
2. SEE SHEET 3 FOR LASER MARKING AND TENSION SETTING INSTRUCTIONS.
1. SEE SHEET 2 FOR EXPLODED VIEW OF INNER ASSEMBLY.

## NOTES:

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CREATED FROM AN INVENTOR MODEL.  
CHANGES MUST BE REFLECTED IN THE 3D PART

DO NOT SCALE DRAWING

MATERIAL

N/A

HEAT TREAT

N/A

FINISH

N/A

DRN.

MATT FRINK

DATE

10/9/2012

CHK'D.

RRR

DATE

10/9/2012

APP'D.

DATE

APP'D.

DATE

DANIELS MANUFACTURING CORP.  
ORLANDO, FLORIDA  
CAGE 11851

TITLE

1/4" SINGLE STEP BANDING TOOL  
M81306/1A

WHERE USED:

SIZE

C

SCALE

1.25:1

CAD P/N

DBS-2100

SHEET

1 OF 3

POSTING

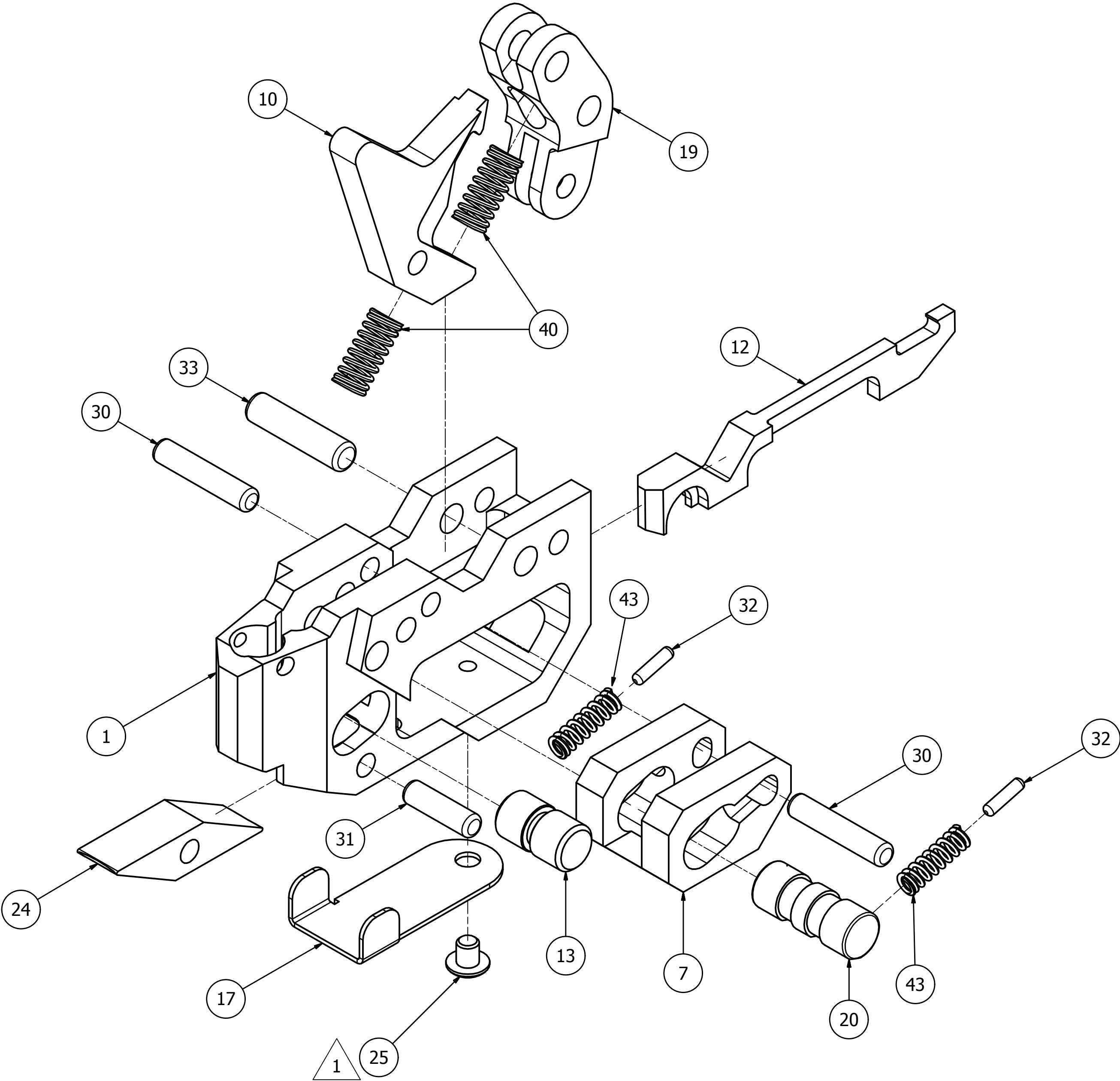
DWG. NO.

DBS-2100

REV.

E

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USING THE CORRECT REVISION.



THIS BOM IS FOR REFERENCE ONLY

43	8-1334	2	.125 OD X .081 ID COMP. SPR
40	8-1331	2	.18 OD X .132 ID COMP. SPR
33	6-1357	4	Ø5/32 X 5/8 DOWEL PIN
32	6-1190	2	Ø1/16 X 1/4 DOWEL PIN
31	6-1065	1	Ø1/8 X 7/16 DOWEL PIN
30	6-1040	3	Ø1/8 X 5/8 DOWEL PIN
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19	DBS-2100-19	1	INTERNAL ROCKER
17	DBS-2100-17	1	COVER
13	DBS-2100-13	1	FRONT PAWL
12	DBS-2100-12	1	RELEASE HOOK
10	DBS-2100-10	1	LATCH
7	DBS-2100-7	1	SHUTTLE
1	DBS-2100-1	1	INTERNAL HOUSING
ITEM	PART NO.	QTY.	DESCRIPTION / REMARKS
DRN.	MATT FRINK	DATE	10/9/2012
CHK'D.	RRR	DATE	10/9/2012
APP'D.		DATE	
APP'D.		DATE	
TOLERANCE: UNLESS OTHERWISE SPECIFIED FRACTIONS ± 1/32 ANGLE ± 1/2° DECIMAL INCHES: .X ± .020 .XX ± .010 .XXX ± .005 .XXXX ± .0005 REMOVE BURRS AND BREAK SHARP EDGES .005 - .015 SURFACE FINISH TO BE AS OR BETTER ALL OVER ✓			
WHERE USED:			
SIZE	SCALE	CAD P/N	SHEET
C	1.25:1	DBS-2100	2 OF 3
POSTING	DWG. NO.	REV.	
	DBS-2100	E	

1. APPLY LOCTITE 242 TO ITEM 25.

NOTES:

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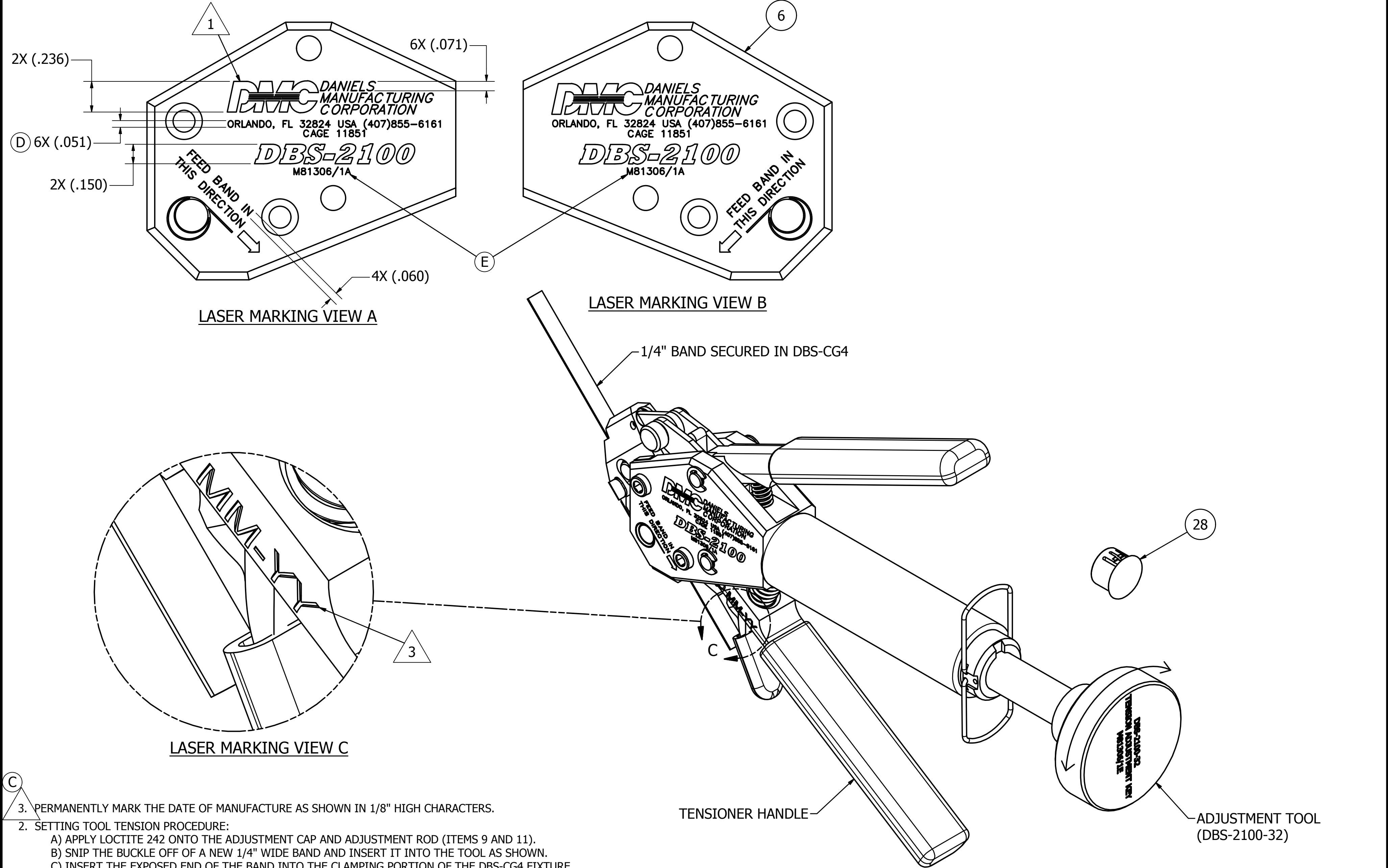
DO NOT SCALE DRAWING

MATERIAL	N/A
HEAT TREAT	N/A
FINISH	N/A

Daniel's Manufacturing Corp.  
Orlando, Florida  
CAGE 11851

1/4" SINGLE STEP BANDING TOOL  
M81306/1A

USERS MUST ASSURE THEY ARE USING THE CORRECT REVISION.



3. PERMANENTLY MARK THE DATE OF MANUFACTURE AS SHOWN IN 1/8" HIGH CHARACTERS.
2. SETTING TOOL TENSION PROCEDURE:
- A) APPLY LOCTITE 242 ONTO THE ADJUSTMENT CAP AND ADJUSTMENT ROD (ITEMS 9 AND 11).
- B) SNIP THE BUCKLE OFF OF A NEW 1/4" WIDE BAND AND INSERT IT INTO THE TOOL AS SHOWN.
- C) INSERT THE EXPOSED END OF THE BAND INTO THE CLAMPING PORTION OF THE DBS-CG4 FIXTURE.
- D) SQUEEZE THE TENSIONER HANDLE REPEATEDLY UNTIL THE NOSE OF THE TOOL IS MATED IN THE NOSE ADAPTOR OF THE DBS-CG4 FIXTURE.
- E) SLOWLY SQUEEZE THE TENSIONER HANDLE THREE MORE TIMES (HALF STROKES) AND ONE FINAL FULL STROKE UNTIL IT LOCKS AGAINST THE TOOL BODY.
- F) READ THE POUNDAGE ON THE DBS-CG4 FIXTURE. IF THE TENSION IS BELOW 145 LBS, INSERT THE ADJUSTMENT TOOL INTO THE REAR END OF THE BANDING TOOL AND TURN IT CLOCKWISE AND REPEAT STEPS B-F UNTIL THE TENSION IS BETWEEN 145-155 POUNDS. IF THE TENSION IS ABOVE 155 LBS, TURN THE ADJUSTMENT TOOL COUNTER-CLOCKWISE AND REPEAT STEPS B-F UNTIL THE TENSION IS BETWEEN 145-155 LBS.
- G) REMOVE THE ADJUSTMENT TOOL AND INSTALL ITEM 28.
1. PERMANENTLY MARK AS SHOWN, BEFORE ASSEMBLING ITEM 6.

NOTES:

MATERIAL	ITEM	PART NO.	QTY.	DESCRIPTION / REMARKS
N/A	DRN. MATT FRINK CHK'D. RRR	DATE 10/9/2012 DATE 10/9/2012		DANIELS MANUFACTURING CORP. ORLANDO, FLORIDA CAGE 11851
HEAT TREAT	APP'D.	DATE		TITLE 1/4" SINGLE STEP BANDING TOOL M81306/1A
FINISH	APP'D.	DATE		WHERE USED: SIZE SCALE CAD P/N SHEET C 1.25:1 DBS-2100 3 OF 3 POSTING DWG. NO. DBS-2100 REV. E
TOLERANCE: UNLESS OTHERWISE SPECIFIED FRACTIONS ± 1/32 ANGLE ± 1/2° DECIMAL INCHES: .X ± .020 .XX ± .010 .XXX ± .005 .XXXX ± .0005 REMOVE BURRS AND BREAK SHARP EDGES .005 - .015 SURFACE FINISH TO BE ✓ OR BETTER ALL OVER				
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DO NOT SCALE DRAWING				