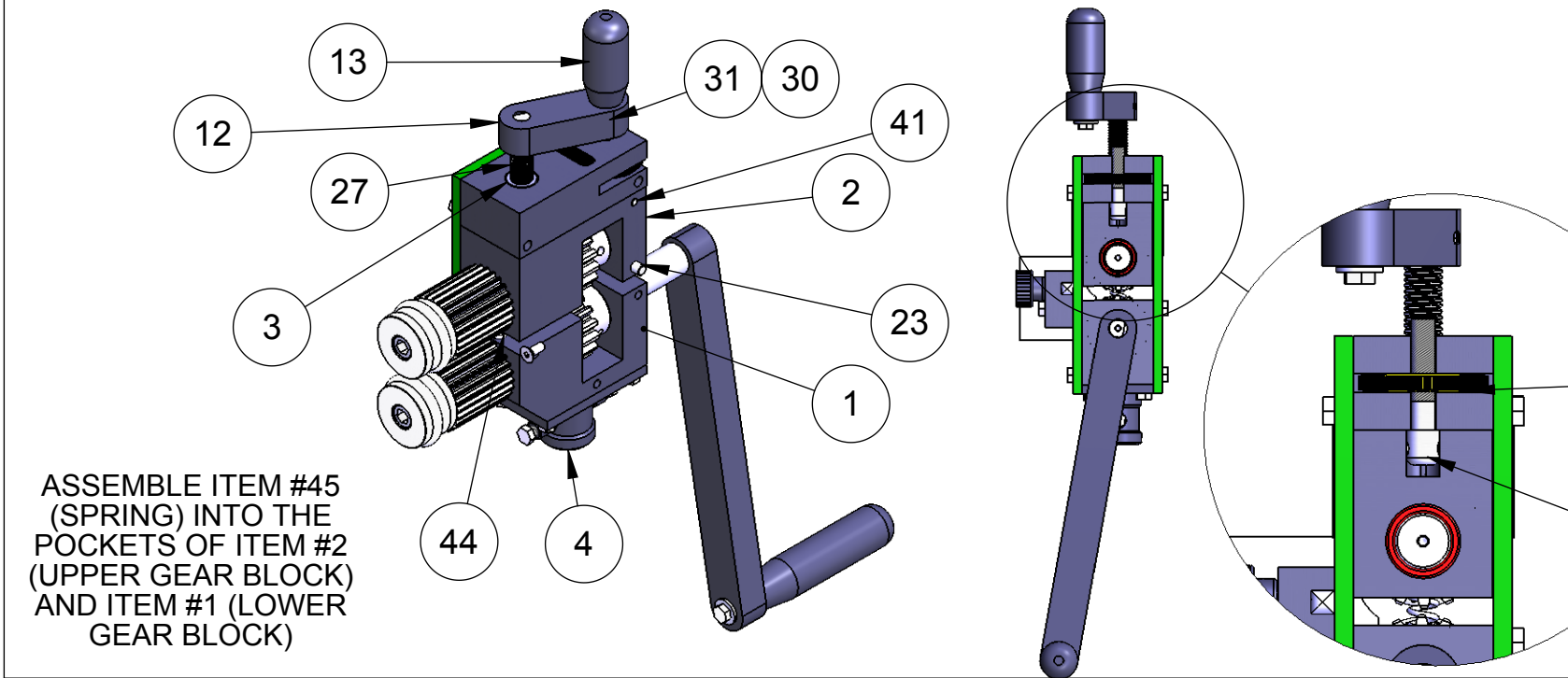


ITEM NO.	Default Qty	PART NUMBER	Description
1	1	HF-1001	LOWER GEAR BLOCK
2	1	CRBE-1006	UPPER GEAR BLOCK
3	1	CRBE-1003	TOP ADJUSTMENT BLOCK
4	1	HF-1009	BOTTOM POST ASSEMBLY
5	2	CRBE-1002	SIDE PLATE
6	1	HF-A-2022	CLAMP ASSEMBLY
7	1	CRBE-1004	GEARED TOP SHAFT
8	1	CRBE-1005	GEARED BOTTOM SHAFT
9	1	HF-1015	TOP HANDLE (LONG)
10	1	HF-1012	HANDLE ARM (LONG)
11	1	HF-1010	BRASS PUCK
12	1	HF-1013	HANDLE ARM (SHORT)
13	1	HF-1014	TOP HANDLE (SHORT)
14	2	CRBE-1019	LOWER SPUR GEAR
15	2	HF-1018	WASHER
16	1	HF-1023	CLAMP THREADED ROD
17	1	HF-1024	CLAMP PUCK
18	1	HF-1025	T-HANDLE
19	2	HF-1027	LOCK INSERT: 1/4-20 INTERNAL X 7/16-14 EXTERNAL
20	1	HF-1029	LOCK INSERT 5/8-11 INTERNAL X 7/8-14 EXTERNAL
21	4	HF-1035	BEARING: PRT # B-128
22	2	N/A	HHCS, 1/4-20 X 1/2
23	2	N/A	DOWEL PIN, 1/4" DIA X .75"
24	4	SETSCR BO .25-20 x .38	1/4-20 X 3/8 SH SET SCREW, BLACK OXIDE
25	1	SSCUPSKT 0.19-32x0.375-HX-N	SOCKET SET SCREW #10-32 X 3/8
26	1	E RING .44	E-RING 7/16" DIA SHAFT
27	1	CRBE-1001	THREADED ADJUSTING ROD,TOP
28	1	THR INS .5-13 TO .75-16 BO	THREADED INSERT INT 1/2-13 EXT 3/4-16 BLACK OXIDE
29	14	HHCS CS .25-20 X .63	HH CAP SCREW, CS 1/4-20 X 5/8
30	1	CRBE-1007	ADJUSTING WHEEL
31	1	CRBE-1008	ADJUSTING PIN
32	1	CRBE-1009	GUIDE BLOCK
33	2	HHCS CS .25-20 X 1.25	HH CAP SCREW, CS 1/4-20 X 1-1/4
34	1	KNOB 101	KNOB-GRIP, 906643 ELESA
35	1	CRBE-2001	WELDMENT-GUIDE
36	2	SHCS BO .375-16 X 2.00	SHCS 3/8-16 X 2 BLACK OXIDE
37	1	OGB-1010	BOTTOM FORMING ROLL
38	1	OGB-1011	TOP FORMING ROLL
39	1	24 GA MAX	LABEL, 24 GA MAX
40	2	Flat Washer - Zinc	1/4" x 5/8" OD Flat Washer, Zinc Plated
41	1	N/A	3/16" DIA X 1.75" LONG DOWEL PIN
42	1	RAMS 2010	SERIAL No. TAG, RAMS 2010
43	1	Made in the USA	LABEL, MADE IN USA
44	1	.687 tall spring	SPRING



2.25 THROAT DEPTH

STANDARD RAMS-2010 CONTAINS FORMING ROLLERS FOR OGEE BEAD WITH 2-1/4 THROAT DEPTH

RAMS-2010 CRIMPER/BEADER

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGULAR: MACH $\pm$ BEND $\pm$
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .005$

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HORIZON SYSTEMS MACHINING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HORIZON SYSTEMS MACHINING IS PROHIBITED.

SEE BOM

NONE

DO NOT SCALE DRAWING

TITLE: RAMS-2010 CRIMPER/BEADER

SIZE: C

SCALE: 1:4

REV. A

DESCRIPTION: REPLACE 2 EA OF 1/4-20 X 1/2" WITH 2 EA OF THE 1/4-20 X 5/8"

DATE: 4/5/2007

KL

REV. B

DESCRIPTION: ADD 24 GA MAX STICKER

DATE: 5/31/2007

REV. C

DESCRIPTION: ADDED LABELS

DATE: 10/30/2008

REV. D

DESCRIPTION: 1/4 x 5/8 WASHER WAS 1/4 x 1 1/4

DATE: 5/6/2010

REV. E

DESCRIPTION: Replaced part HF-1017 with part CRBE-1019

DATE: 7/5/2012

ASSEMBLE ITEM #45 (SPRING) INTO THE POCKETS OF ITEM #2 (UPPER GEAR BLOCK) AND ITEM #1 (LOWER GEAR BLOCK)

BRONZE ADJUSTING WHEEL

STANDARD RAMS-2010 CONTAINS FORMING ROLLERS FOR OGEE BEAD WITH 2-1/4 THROAT DEPTH

RAMS-2010 CRIMPER/BEADER

HORIZON SYSTEMS MACHINING			
9121 58TH PLACE KENOSHA, WI 53144 PH: 262-605-1122 FAX: 262-605-1198			
TITLE: RAMS-2010 CRIMPER/BEADER			
SIZE: C			
REV: E			
SCALE: 1:4			
SHEET 1 OF 1			