

NOTE: SEE SHEET #2 FOR IMPACT MECHANISM  
DO NOT SCALE DRAWING



TOLERANCES  
UNLESS OTHERWISE SPECIFIED  
.XXXX .0005  
.XXX .001  
.XX .01  
ANG. .5°

REV.	DATE	CHANGE

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MB METAL TECHNOLOGIES

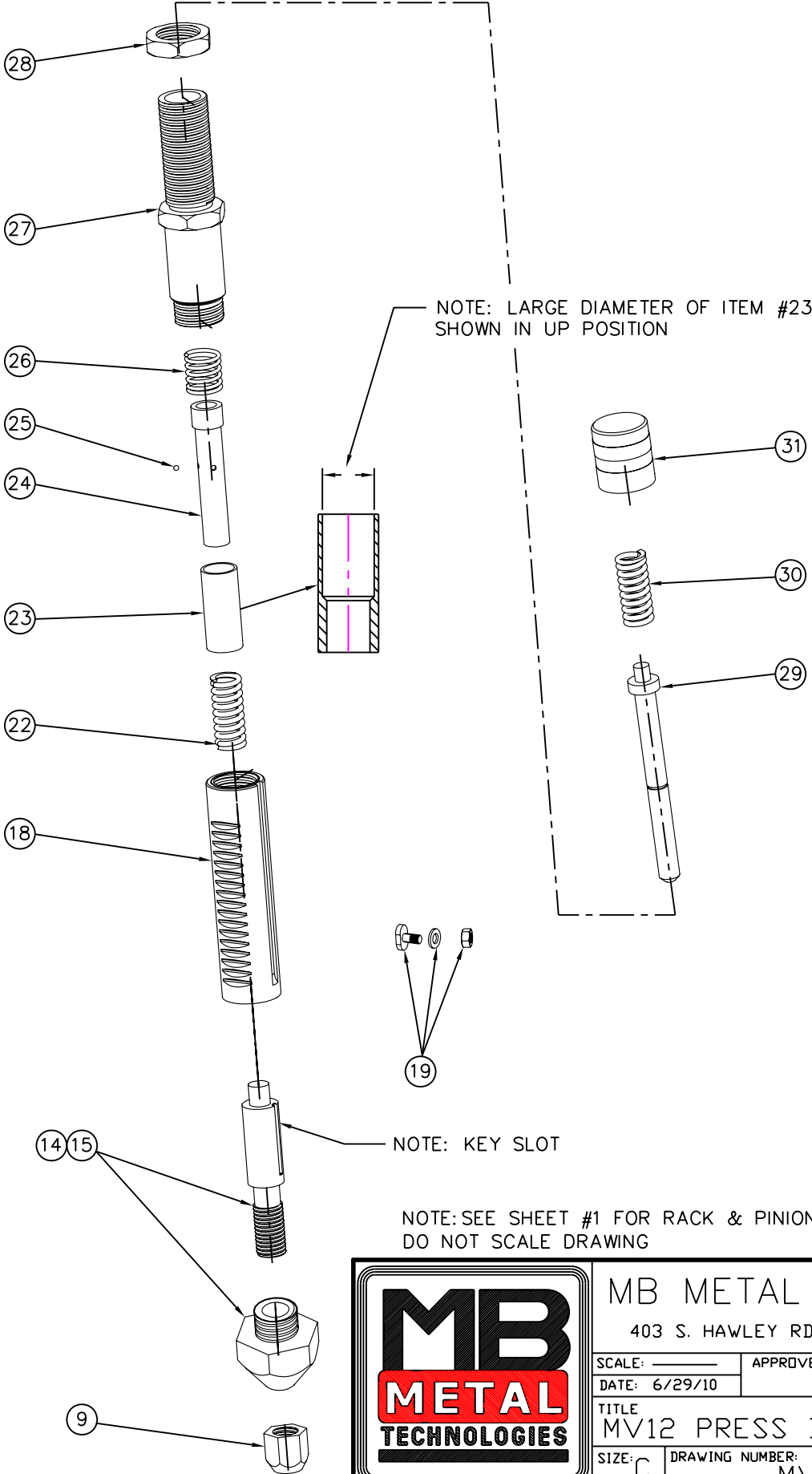
403 S. HAWLEY RD. MILWAUKEE, WI 53214-1997

SCALE: \_\_\_\_\_ APPROVED BY \_\_\_\_\_ DRAWN BY KDC

DATE: 6/28/10

TITLE MV12 PRESS RACK & PINION

SIZE: C DRAWING NUMBER: MV12 PRESS SHEET 01 OF 03



NOTE: LARGE DIAMETER OF ITEM #23 SHOWN IN UP POSITION

NOTE: KEY SLOT

NOTE: SEE SHEET #1 FOR RACK & PINION  
DO NOT SCALE DRAWING

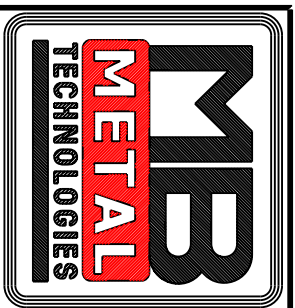
TOLERANCES		
UNLESS OTHERWISE SPECIFIED		
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REV.	DATE	CHANGE
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**MB METAL TECHNOLOGIES**  
403 S. HAWLEY RD. MILWAUKEE, WI 53214-1997

SCALE: _____	APPROVED BY _____	DRAWN BY KDC
DATE: 6/29/10		
TITLE MV12 PRESS IMPACT MECHANISM		
SIZE: C	DRAWING NUMBER: MV12 PRESS	SHEET 02 OF 03

ITEM #	ITEM DESCRIPTION
1	TABLE/BASE
2	TABLE SET SCREW M5-0.8 X 10mm SCREW CONE POINT
4	CLAMP BOLT M6-1.0 X 35mm SHCS
5	COLUMN MV12 30mm DIAMETER X 335mm LONG
6	SETTING COLLAR
7	SETTING COLLAR CLAMP SCREW M6-1.0 X 30mm SHCS
8	MAIN CASTING HOUSING BLOCK
9	COLLET NUT
14/15	TOOL HOLDER/LOCKNUT W/KEY (SOLD AS A SET) ANTI-ROTATION KEY
18	LOWER TUBE/RACK
19	LOWER TUBE KEY STUD/WASHER/NUT
22	SLEEVE RETURN SPRING
23	BEARING SLEEVE/SLIDING BUSHING
24	TUBE GUIDE/GUIDE SLEEVE
25	BALL BEARING (3) 2.5 mm DIAMETER
26	TUBE GUIDE RETURN SPRING
27	UPPER TUBE COUPLING
28	UPPER TUBE LOCK NUT
29	HAMMER
30	IMPACT SPRING MV12 WIRE DIA. 2.2mm 76mm LENGTH
31	IMPACT ADJUSTMENT CAP (MV12)
32	LEVER HOUSING RETAINING SCREW M5-0.8 X 16mm SHCS
33	HANDLE RETENTION SET SCREW M4-0.7 X 6mm CONE PT SS
34	LEVER HOUSING
35	LEVER HANDLE
36	LEVER HANDLE BALL
37	REGISTRATION PIN
38	PINION GUIDE BUSHING
39	PINION GUIDE RETAINING SCREWS
40	OIL FITTING
41	PINION/PINION SHAFT/PINION DRIVE PIN ASSEMBLY MV12
42	PINION SHAFT BEARING/SPRING HOUSING MV12
43	LEVER RETURN SPRG LOCK SET SCREWS M60-1.0 X 10mm CONE PT
44	LEVER RETURN SPRING
46	LEVER RETURN SPRING ADJUSTING BOLT
47	MAIN CASTING SLOT ADJ. SET SCREW M5-0.8 X 10mm FLAT PT.
49	MAIN CASTING CLAMP BOLT M6-1.0 X 35mm SHCS W/WASHER



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<b>MB METAL TECHNOLOGIES</b> 403 S. HAWLEY RD. MILWAUKEE, WI 53214-1997		SCALE: _____ DATE: 6/29/10	APPROVED BY _____ DRAWN BY KDC
TITLE <b>MV12 PRESS REPLACEMENT PARTS</b>		SIZE: C	DRAWING NUMBER: <b>MV12 PRESS</b>
		SHEET 03 OF 03	