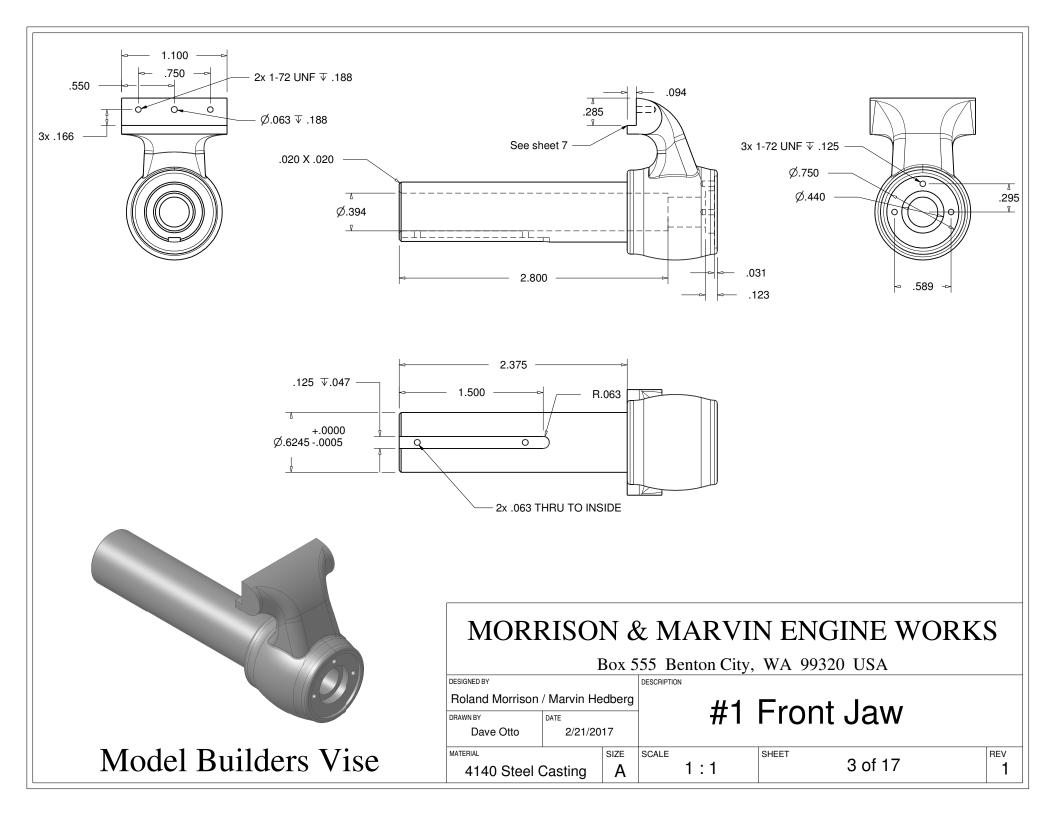
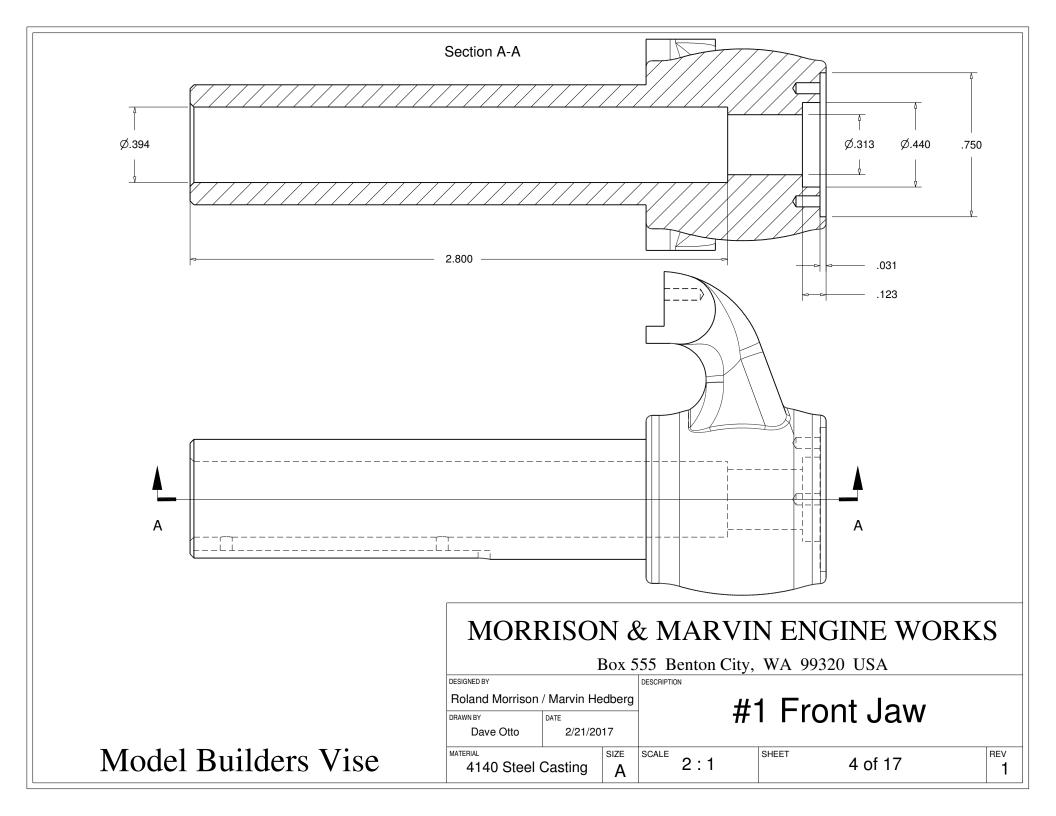
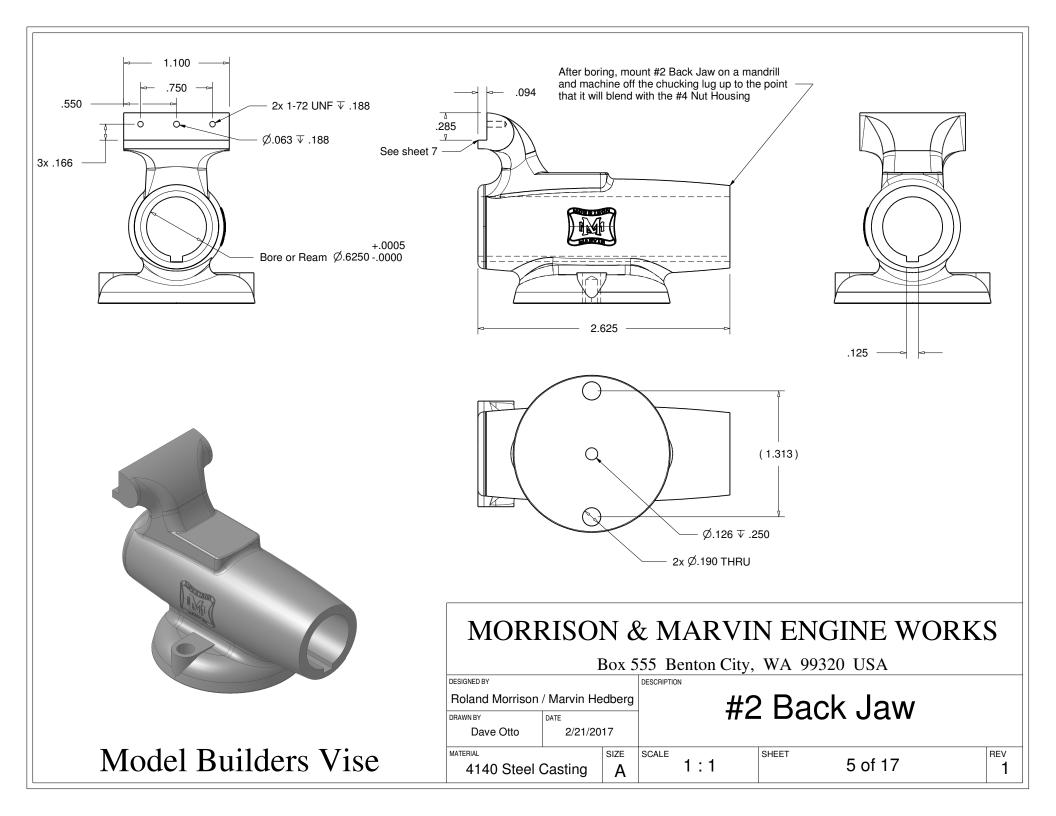
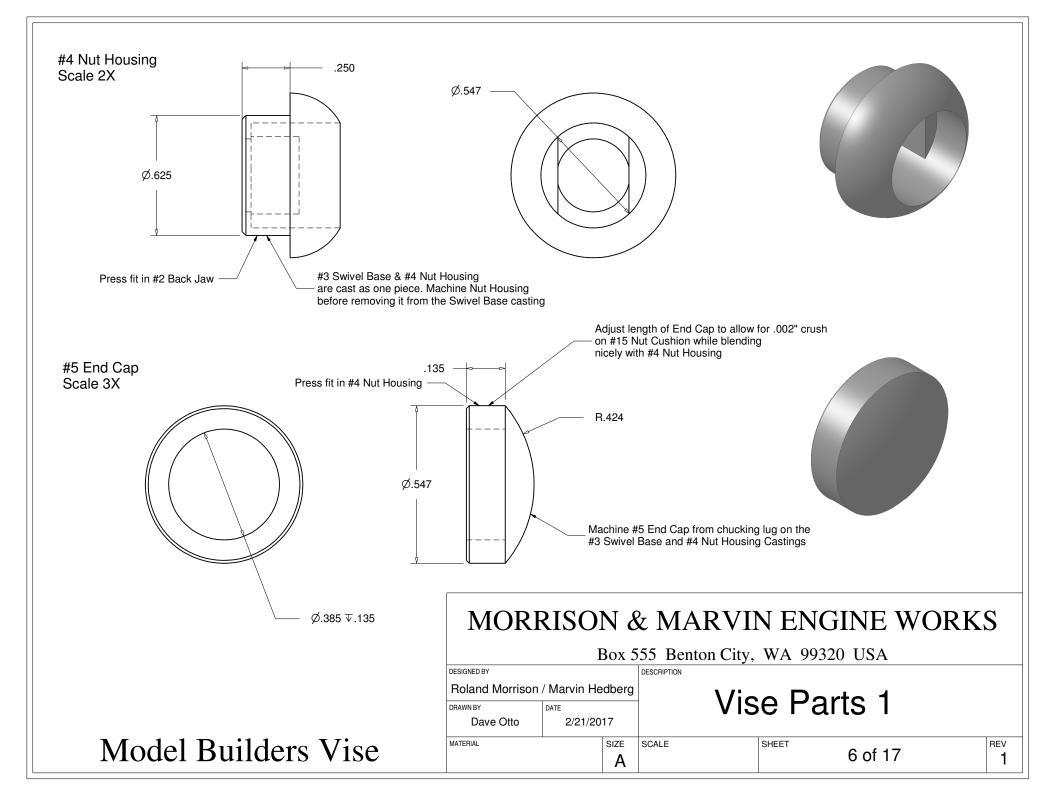
MORRISON MARVIN	
	MORRISON & MARVIN ENGINE WORKS
	Box 555 Benton City, WA 99320 USA
Download a full set of drawings from MorrisonandMarvin.com	Designed BY Roland Morrison / Marvin Hedberg DRAWN BY Dave Otto DATE 2/21/2017 DescRIPTION Vise Assembly
Model Builders Vise	MATERIAL SIZE SCALE SHEET 1 of 17 REV

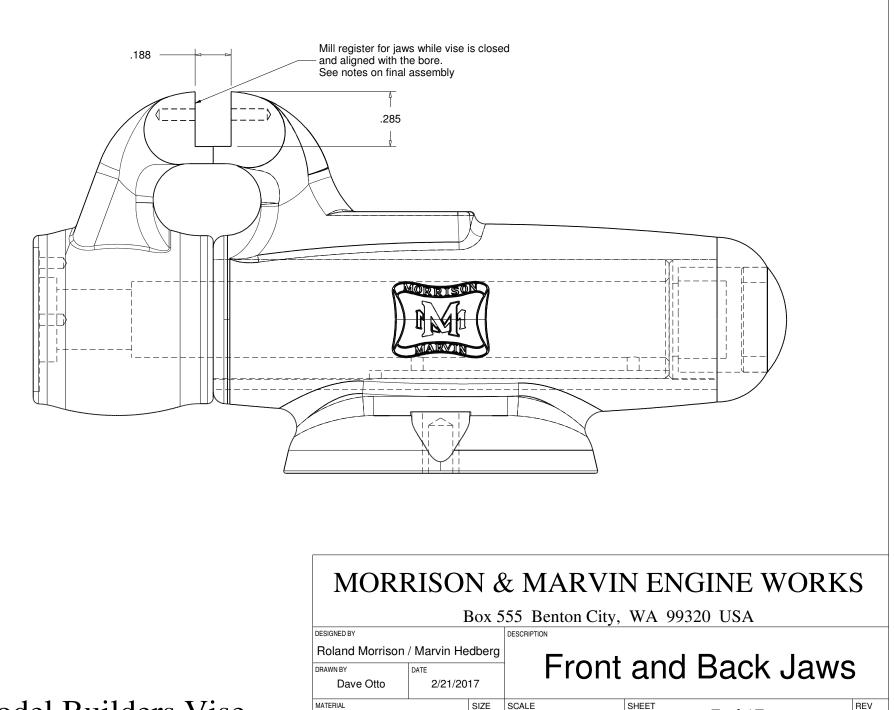
MORRISON			4		5	D
(1)						26
		20				4
				3	21 Made in U	JSA
9 12 11 13	MORRISON & MARVIN ENGINE WORKS					
Download a full set of drawings from Morrisonand Marvin.com	DESIGNED BY Roland Morrison DRAWN BY Dave Otto		lberg	DESCRIPTION	e Exploded	
Model Builders Vise	MATERIAL		SIZE A	.75 : 1	SHEET 2 of 17	REV 1











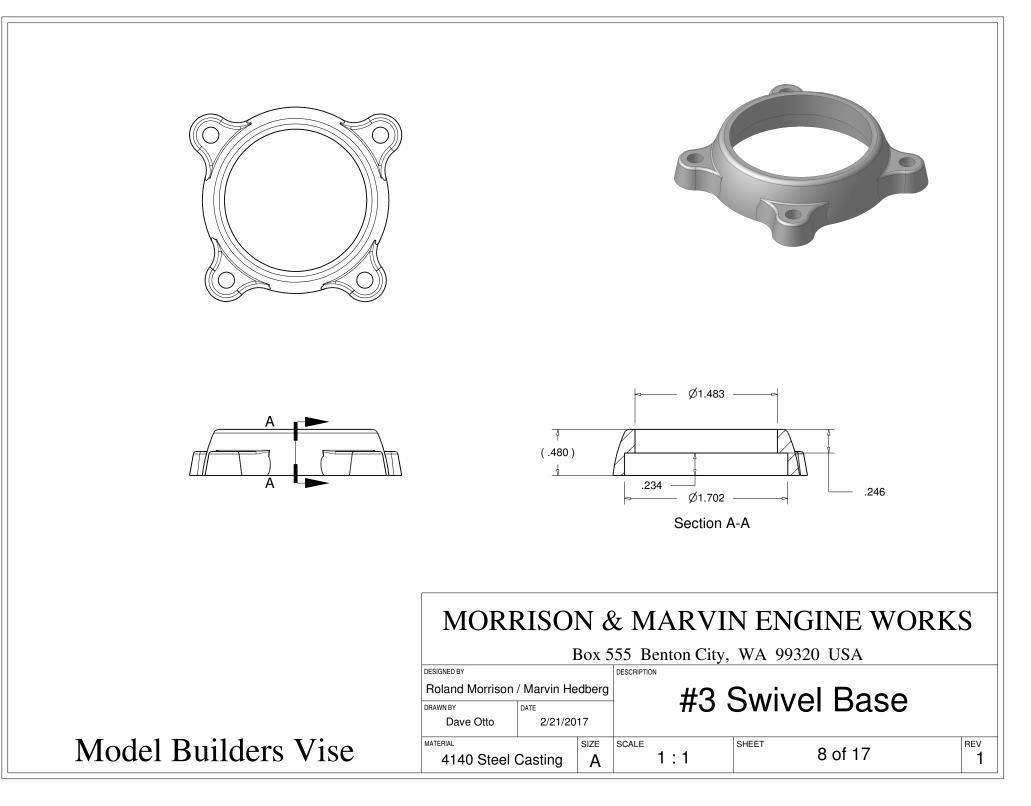
7 of 17

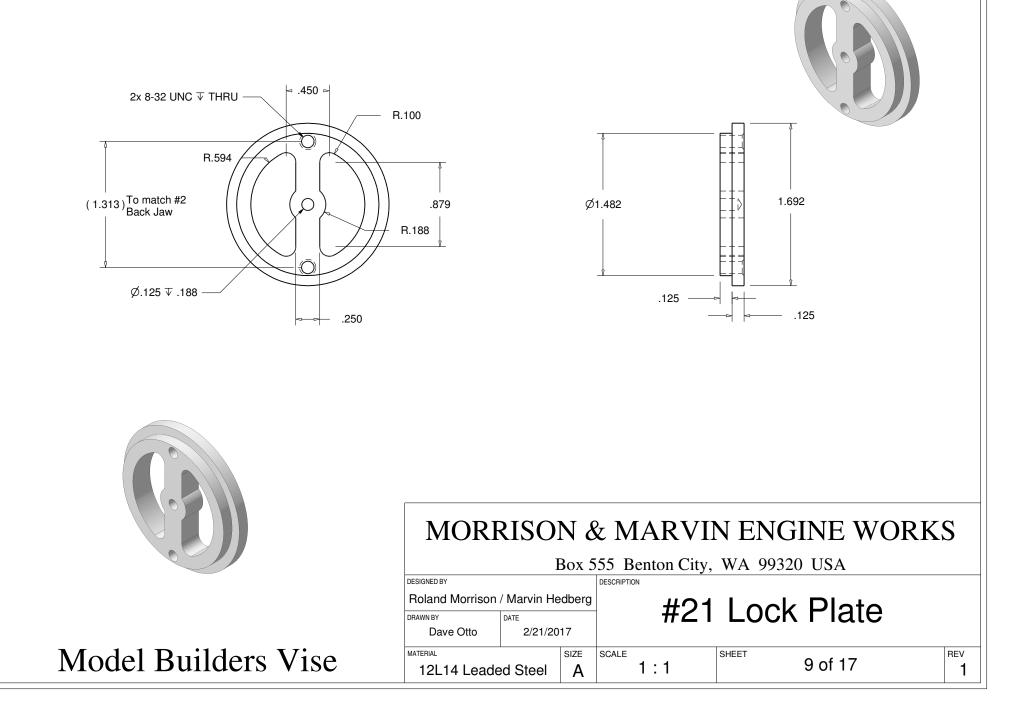
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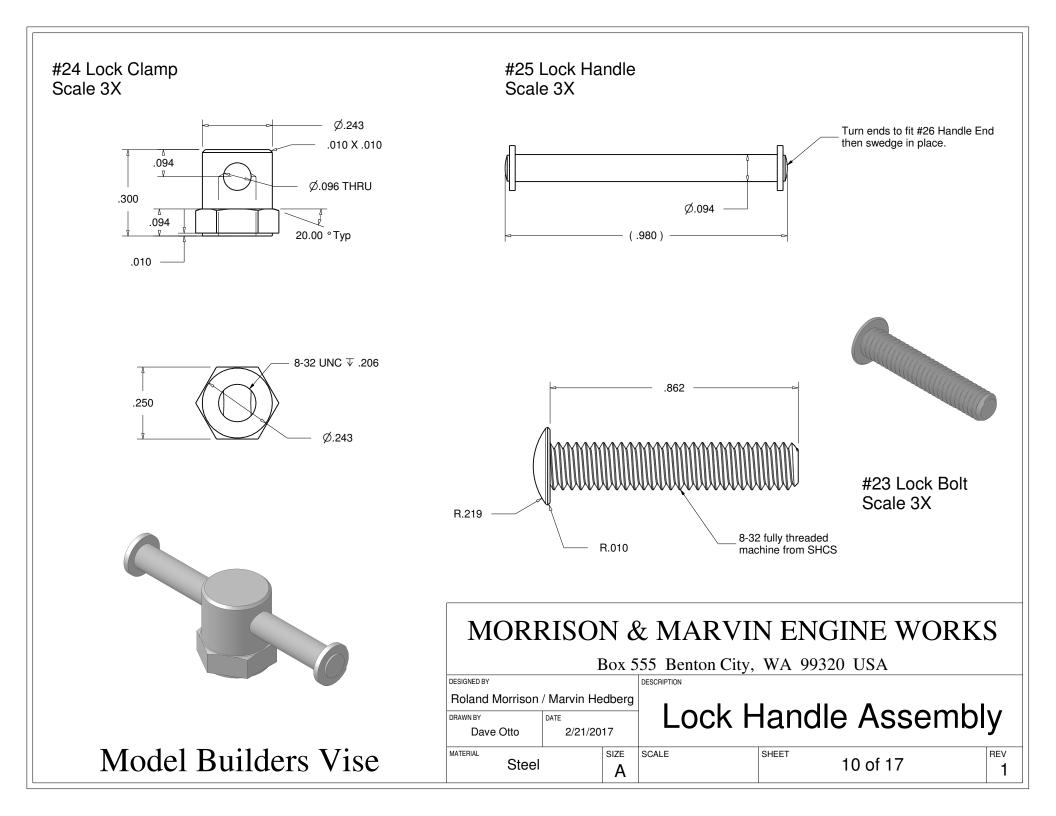
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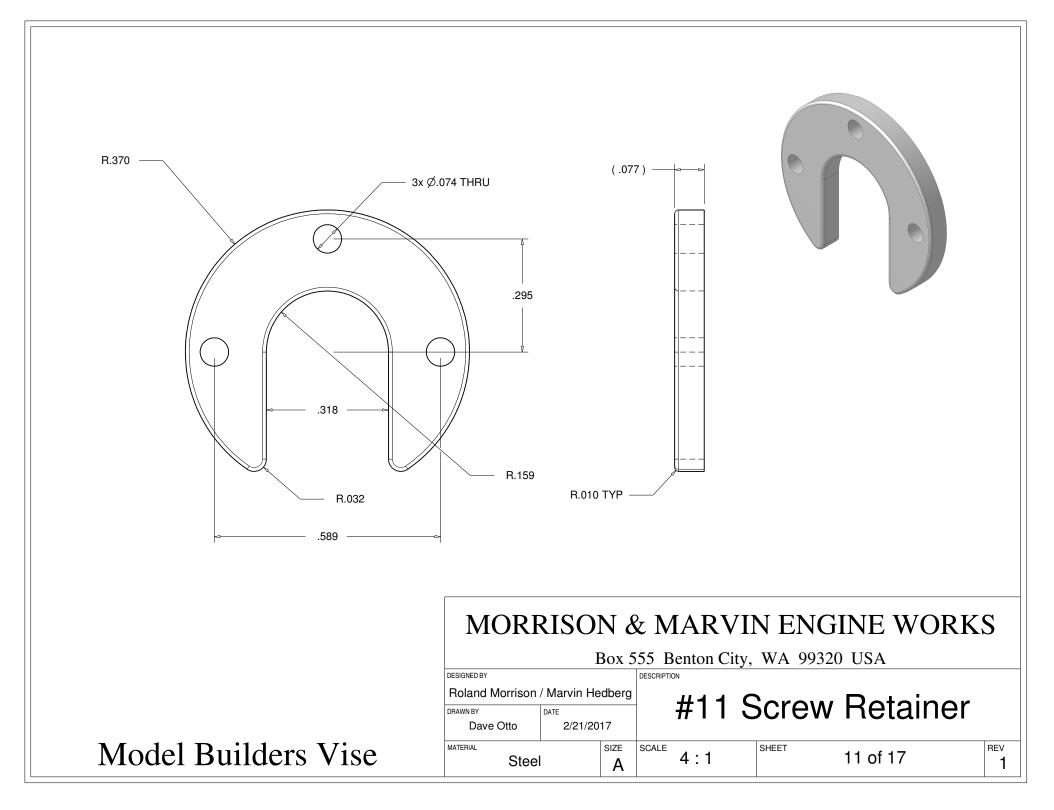
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Model Builders Vise

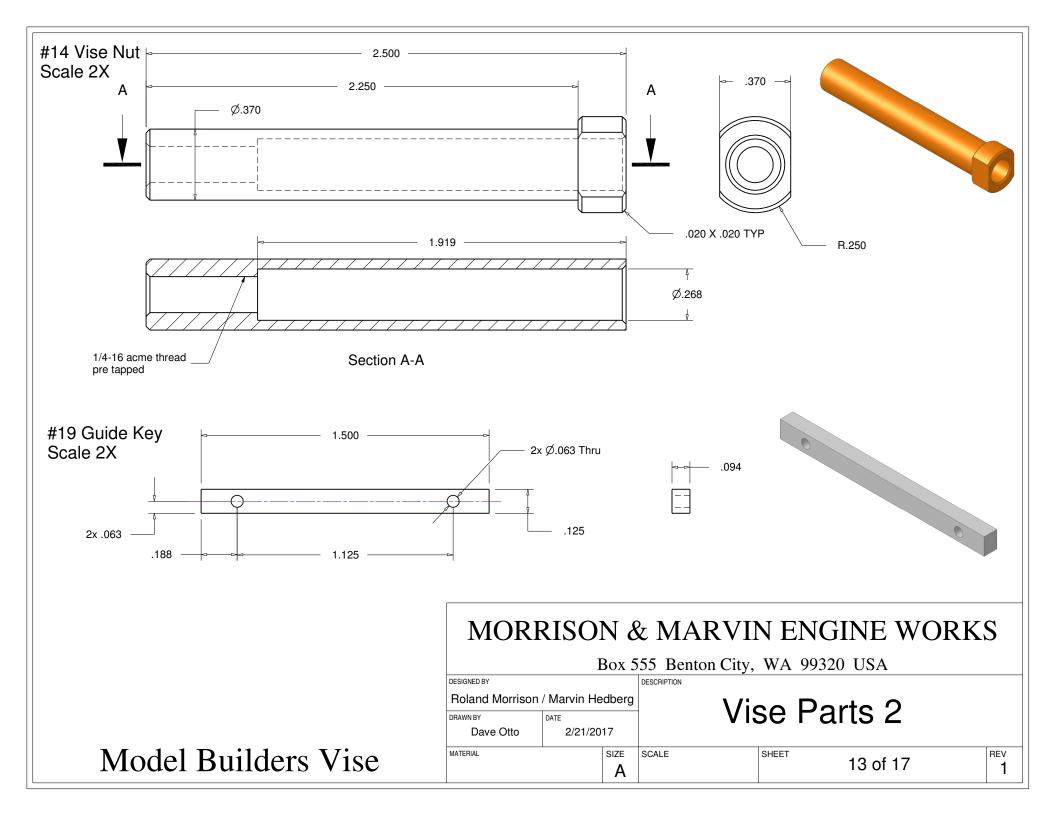


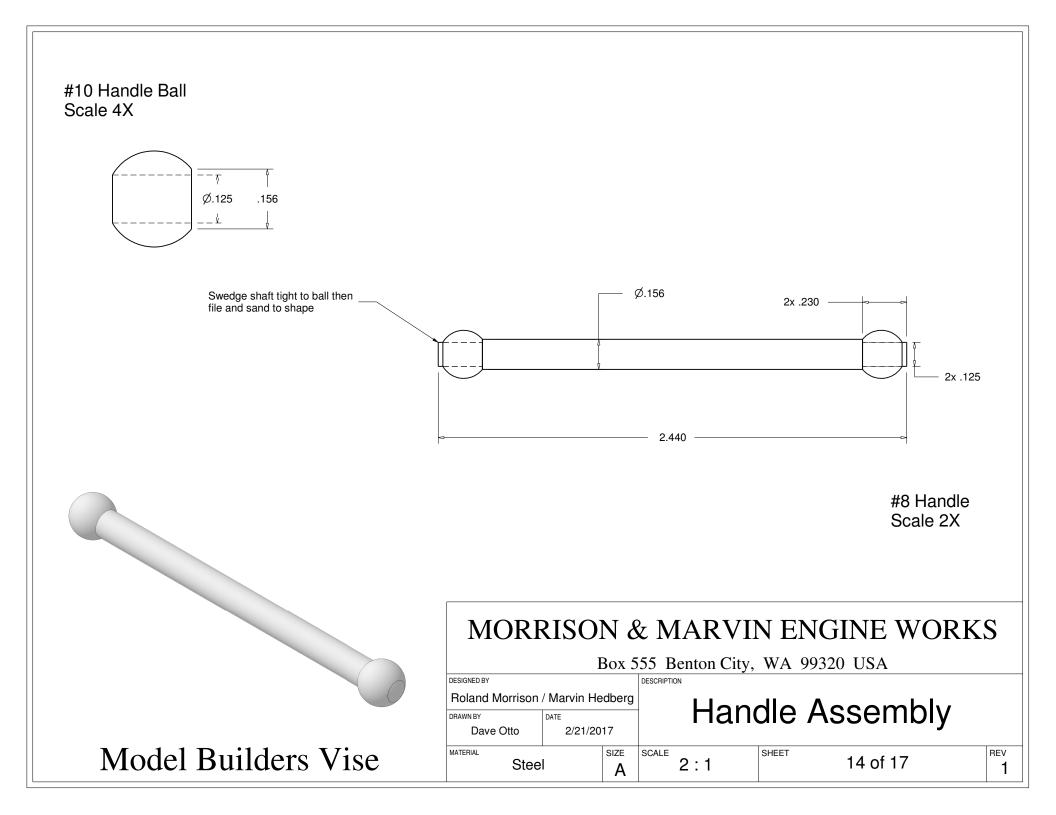


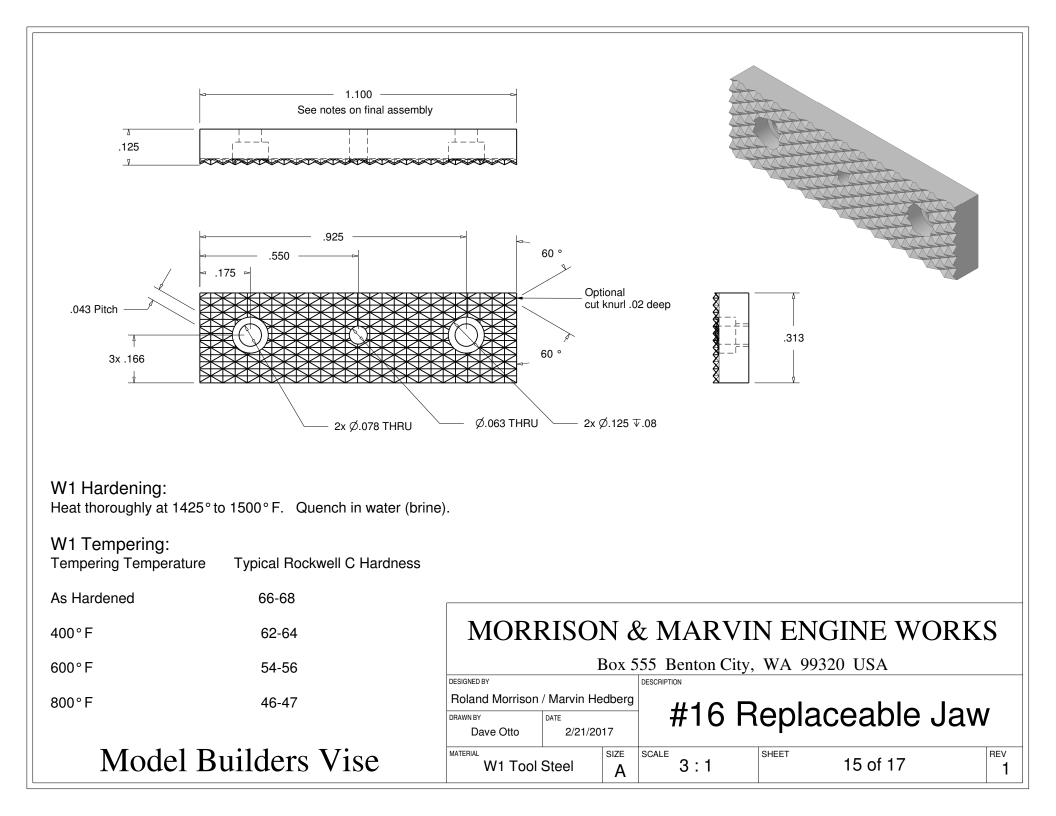


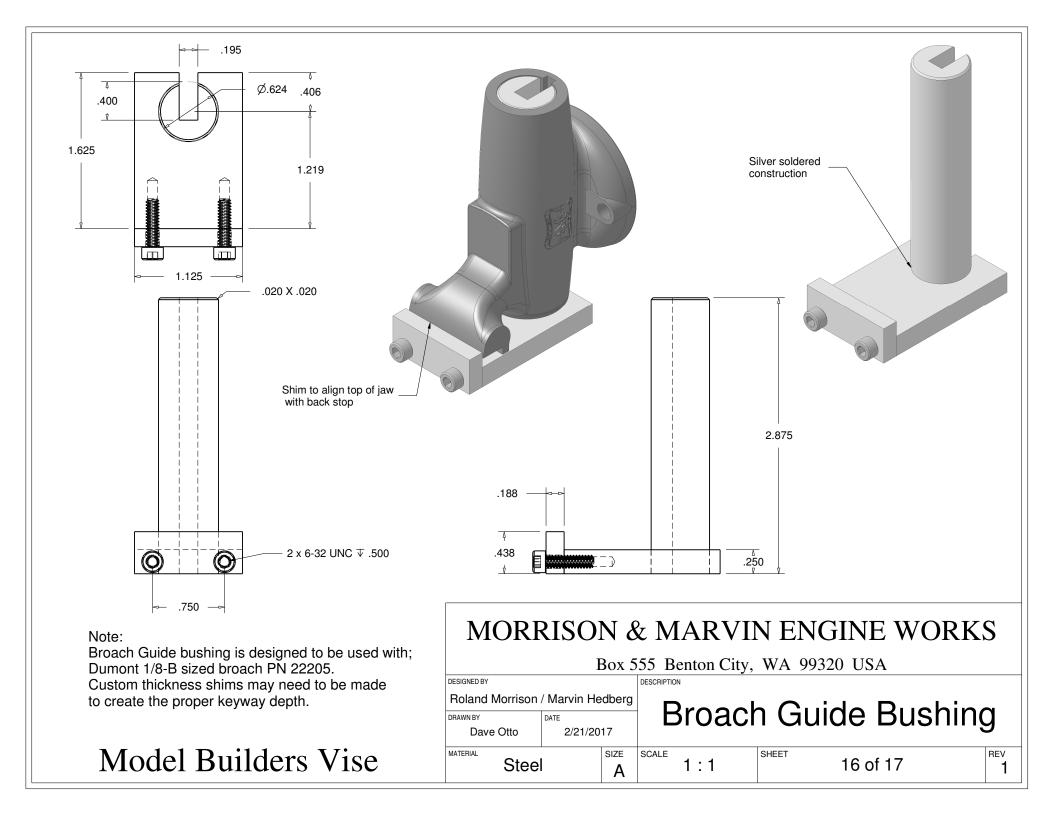


#6 Vise Scew Scale 2X				
				500
# #7 Screw End Scale 2X	lachine width of slot .002" wider than 11 Screw Retainer .010 X .010 2x Ø.3110 Ø.191 ⊽.520 ↓ .250 ↓ .250 ↓	.188 .020 X .020 .188 Ø.437 Ø.437		
				ersized stock on acme rod first, etails on screw end.
			X MARVIN E 55 Benton City, WA	
		Roland Morrison / Marvin Hedberg DRAWN BY DATE Dave Otto 2/21/2017 MATERIAL SIZE 1/4-16 Acme Stock A	SCREW 2 : 1	Assembly 12 of 17









ltem	Quantity	Part Number	Part Name	Material	Sheet Number
1	1	#1	Front Jaw	4140	3
2	1	#2	Back Jaw	4140	5
3	1	#3	Swivel Base	4140	8
4	1	#4	Nut Housing	4140	6
5	1	#5	End Cap	4140	6
6	1	#6	Vise Screw	C1215	12
7	1	#7	Screw End	12L14	12
8	1	#8	Handle	W1 Tool Steel	14
9	2	#9	Handle Cushion	EPDM	2
10	2	#10	Handle Ball	Steel	14
11	1	#11	Screw Retainer	Steel	11
12	3	#12	Retainer Screw	18-8 SS	2
13	1	#13	Thrust Washer	Hard Steel	2
14	1	#14	Vise Nut	360 Brass	13
15	1	#15	Nut Cushion	EPDM	2
16	2	#16	Replaceable Jaw	W1 Tool Steel	15
17	4	#17	Jaw Screw	18-8 SS	2
18	2	#18	Jaw Alignment Pin	18-8 SS	2
19	1	#19	Guide Key	W1 Tool Steel	13
20	2	#20	Key Pin	Steel	2
21	1	#21	Lock Plate	12L14	9
22	1	#22	Lock Plate Pin	Alloy Steel	2
23	2	#23	Lock Bolt	Alloy Steel	10
24	2	#24	Lock Clamp	12L14	10
25	2	#25	Lock Handle	18-8 SS	10
26	4	#26	Lock Handle End	18-8 SS	10



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Model Builders Vise

MORRISON & MARVIN ENGINE WORKS

Box 555 Benton City, WA 99320 USA						
DESIGNED BY			DESCRIPTION			
Roland Morrison / Marvin Hedberg			Vise BOM			
DRAWN BY	DATE					
Dave Otto	2/21/20	17				
MATERIAL		SIZE	SCALE	SHEET		REV
		Α			17 of 17	1