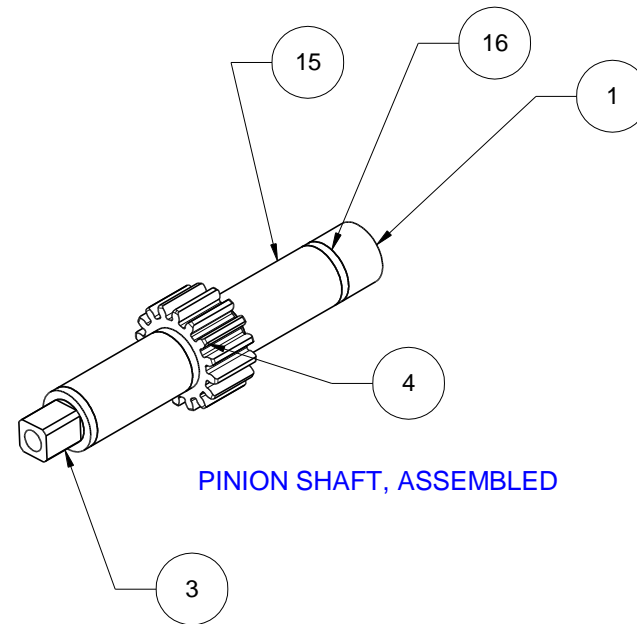
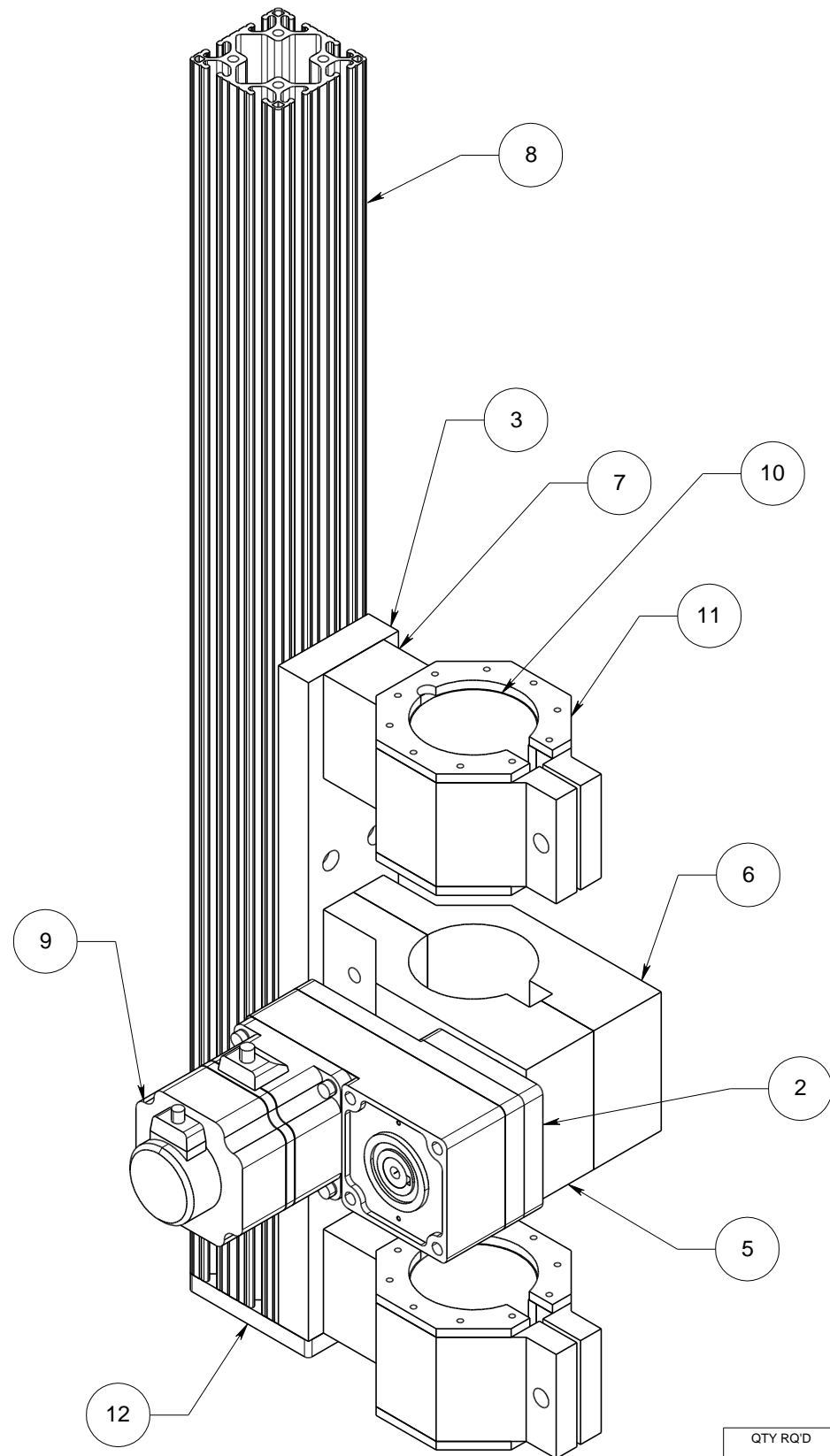


ITEM	PART NUMBER	DESCRIPTION	QTY	REV	Vendor
1	DBT-POP 1207-200-01	PINION SHAFT SPACER	1	0	VEETECH
2	DBT-POP 1207-200-02	Z AXIS BACKER	1	0	VEETECH
3	DBT-POP 1207-200-03	PINION SHAFT	1	0	VEETECH
4	22640	SPUR ND16B-625	1		MCMaster-CARR
5	DBT-POP 1207-200-05	Z AXIS PINION HOUSING LEFT	1	0	VEETECH
6	DBT-POP 1207-200-06	Z AXIS PINION HOUSING RIGHT	1	0	VEETECH
7	DBT-POP 1207-200-07	HANDWHEEL SPOKE	6	0	VEETECH
8	DBT-POP 1207-200-08	Z AXIS COLUMN CLAMP-GUIDE	2	0	VEETECH
9	DBT-POP 1207-200-09	Z AXIS SUPPORT A	1		CPI AUTOMATION
10	60195K44	KNOB MMC60195K44	6		MCMaster-CARR
11	DBT-POP1207-200-11	BRONZE BUSHING	2	0	VEETECH
12	DBT-POP 1207-200-12	BUSHING RETAINER	4	0	VEETECH
13	DBT-POP 1207-200-13	PINION SHAFT HANDWHEEL HUB	1	0	VEETECH
14	DBT-POP 1207-200-14	3030 Z AXIS END	1	0	VEETECH
15	6381K543	BRONZE BUSHING MMC6381K543	2		MCMaster-CARR
16	DBT-POP 1207-200-16	PINION THRUST WASHER	4	0	VEETECH

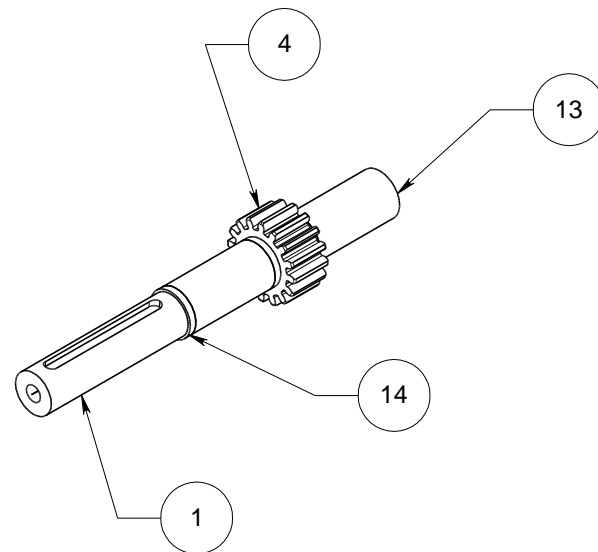


FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No. <b>DBT-POP 1207-200-00</b>		REV
	PART No.		REV DATE (DMY)
	PART NAME <b>Z AXIS ADJUST</b>		
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY) <b>08/11/2012</b>
<b>DEBOER TOOL INC.</b> CONTACT C WETERBY 647-393-8030			

QTY RQ'D	PROJECT	FOR ASSEMBLY	
<b>1</b>	<b>DRAG FINISHER</b>	<b>Z AXIS</b>	
	HEAT TREAT	COATING	MATERIAL
	<b>NONE</b>	<b>NONE</b>	
			WEIGHT



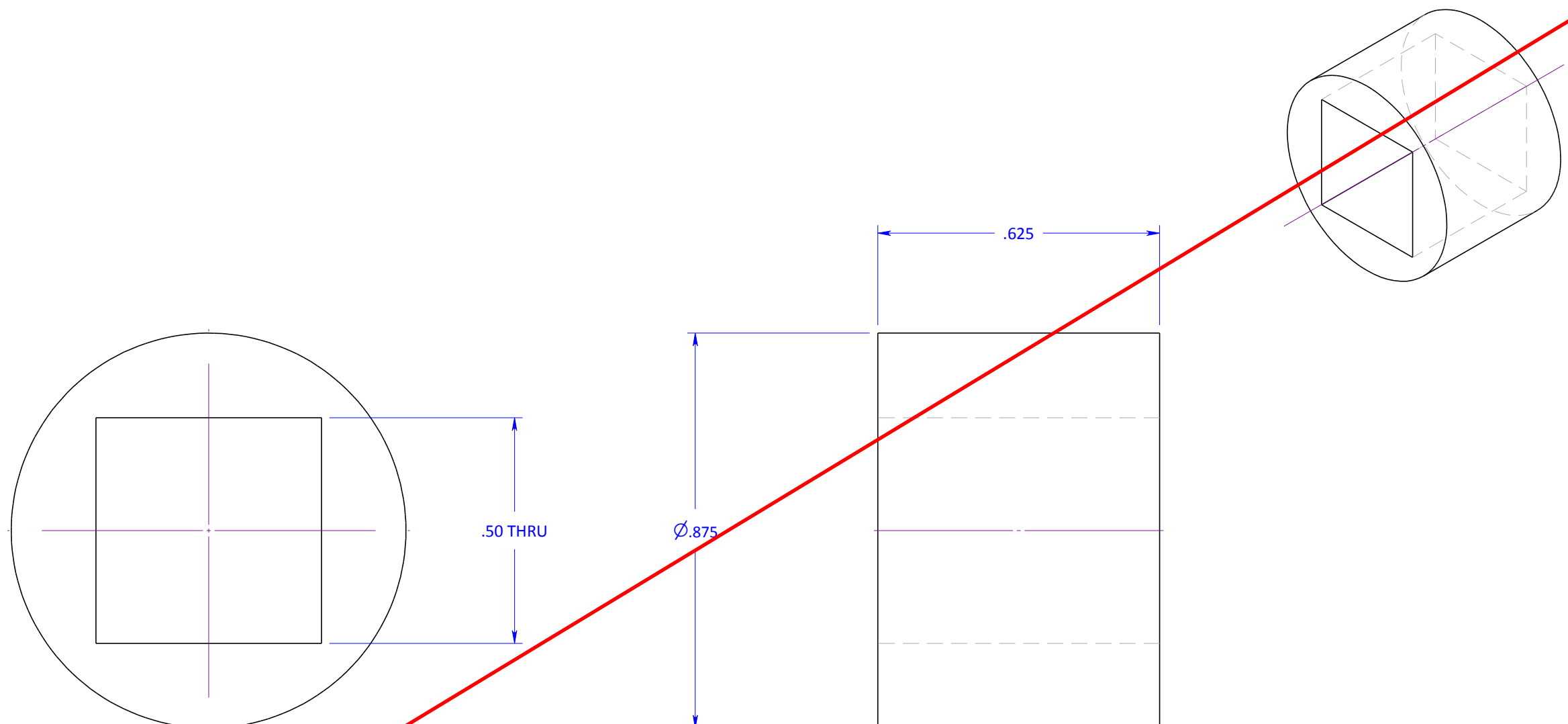
ITEM	PART NUMBER	DESCRIPTION	QTY	REV	Vendor
1	DBT-POP 1207-200-03	PINION SHAFT (2)	1	2	
2	DBT-POP-1207-200-17	Z AXIS MOTOR SHIM	1		
3	DBT-POP 1207-200-02	Z AXIS BACKER	1	0	VEETECH
4	22640	SPUR ND16B-625	1		MCMASTER-CARR
5	DBT-POP 1207-200-05	Z AXIS PINION HOUSING LEFT	1	1	
6	DBT-POP 1207-200-06	Z AXIS PINION HOUSING RIGHT	1	0	VEETECH
7	DBT-POP 1207-200-08	Z AXIS COLUMN CLAMP-GUIDE	2	0	VEETECH
8	DBT-POP 1207-200-09	Z AXIS SUPPORT A	1		CPI AUTOMATION
9	Z AXIS BREAK MOTOR	BX5120AM-100FR	1		
10	DBT-POP1207-200-11	BRONZE BUSHING	2	0	VEETECH
11	DBT-POP 1207-200-12	BUSHING RETAINER	4	0	VEETECH
12	DBT-POP 1207-200-14	3030 Z AXIS END	1	0	VEETECH
13	6381K543	BRONZE BUSHING MMC6381K543	2		MCMASTER-CARR
14	DBT-POP 1207-200-16	PINION THRUST WASHER	3	0	VEETECH



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No.	REV
	<b>DBT-POP 1207-200-00</b>	<b>1</b>
	PART No.	REV DATE (DMY)
		4/15/2013
PART NAME		
<b>Z AXIS ADJUST</b>		
DRAWN	SCALE	CREATED (DMY)
CFW	NTS	11/8/2012
SHEET		1 OF 1

QTY RQ'D	PROJECT	FOR ASSEMBLY	
<b>1</b>	<b>DRAG FINISHER</b>	<b>Z AXIS</b>	
	HEAT TREAT	COATING	MATERIAL
	<b>NONE</b>	<b>NONE</b>	
			WEIGHT

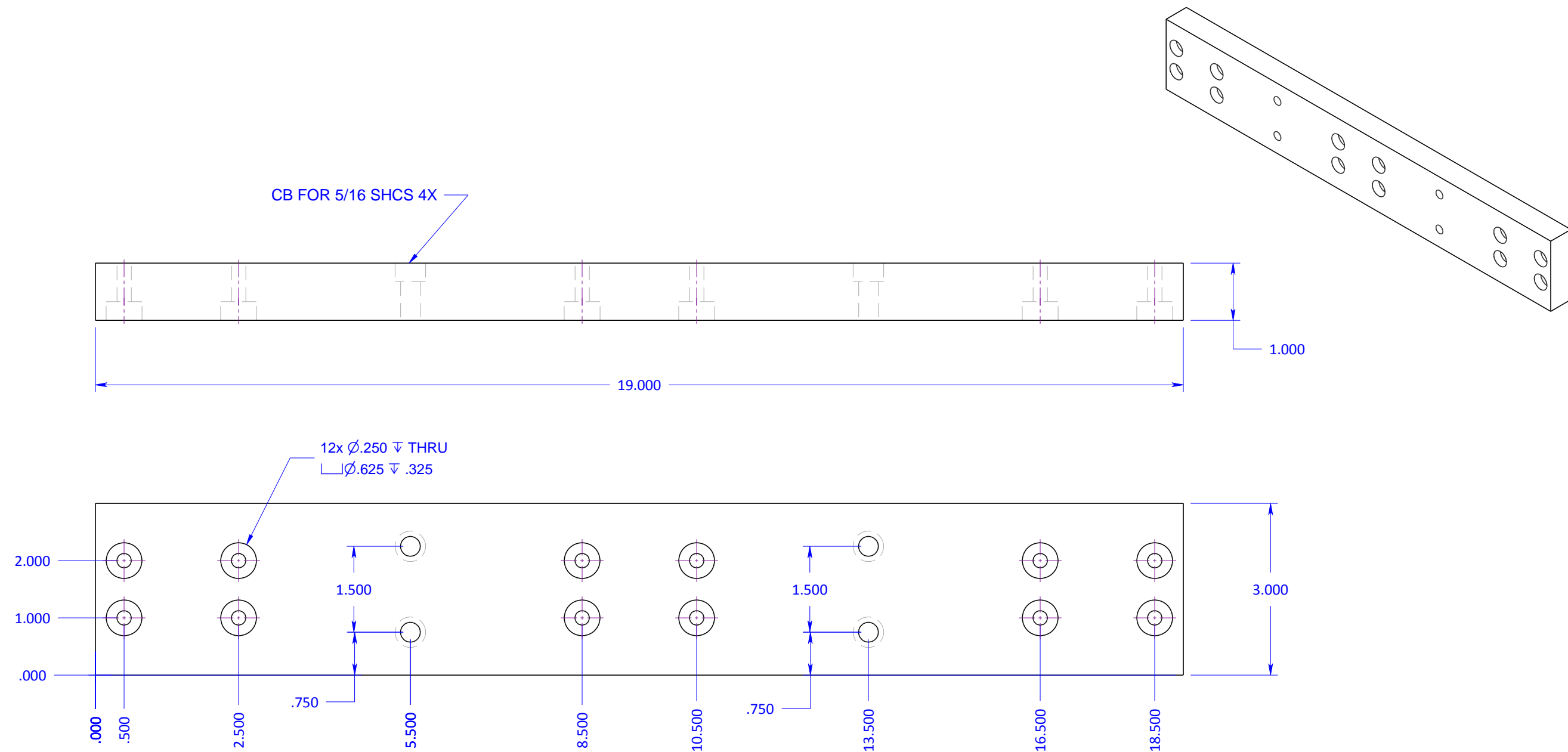
**DEBOER TOOL INC.**  
CONTACT C WETERBY 647-393-8030



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No.	<b>DBT-POP 1207-200-01</b>	REV	<b>0</b>
	PART No.		REV DATE (DMY)	
	PART NAME			
	<b>PINION SHAFT SPACER</b>			
DRAWN	SCALE	CREATED (DMY)	SHEET	
<b>CFW</b>	<b>NTS</b>	<b>01/11/2012</b>	<b>1 OF 1</b>	

QTY RQ'D	PROJECT	FOR ASSEMBLY		WEIGHT
	<b>DRAG FINISHER</b>	<b>Z AXIS ADJUST</b>		
	HEAT TREAT	COATING	MATERIAL	
	<b>NONE</b>	<b>NONE</b>	<b>STEEL, ANY</b>	

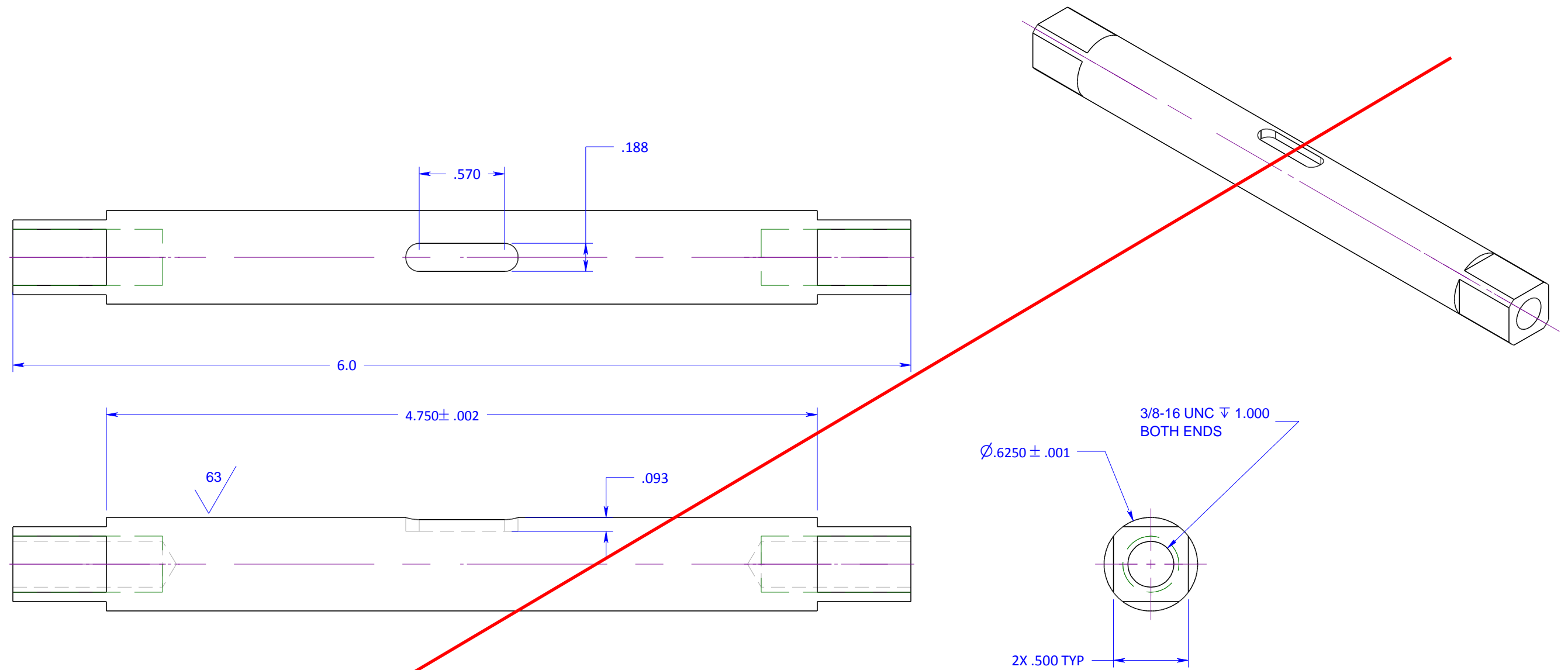
**DEBOER TOOL INC.**  
 CONTACT C WETERBY 647-393-8030



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 " 0.010" 0.00 " 0.005" 0.000 " 0.001" 0.0000 " 0.0005" FRACTIONAL " 1/16	DWG No. <b>DBT-POP 1207-200-02</b>		REV <b>0</b>
	PART No.		REV DATE (DMY)
	PART NAME <b>Z AXIS BACKER</b>		
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY) <b>01/11/2012</b>

QTY RQ'D <b>1</b>	PROJECT <b>DRAG FINISHER</b>	FOR ASSEMBLY <b>Z AXIS ADJUST</b>	
HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL <b>6061 T6 ALUMINUM</b>	WEIGHT

**DEBOER TOOL INC.**  
CONTACT C WETERBY 647-393-8030



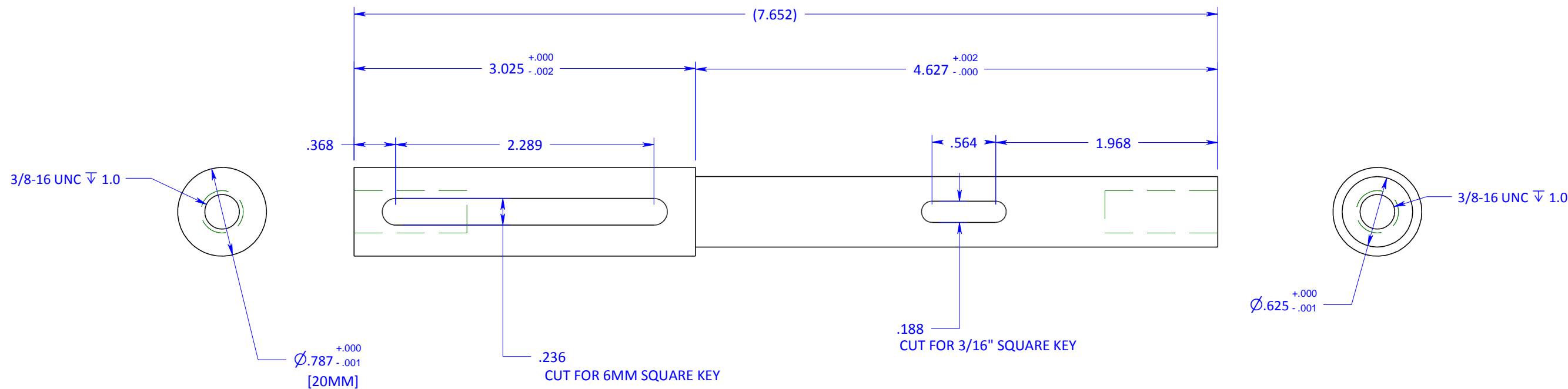
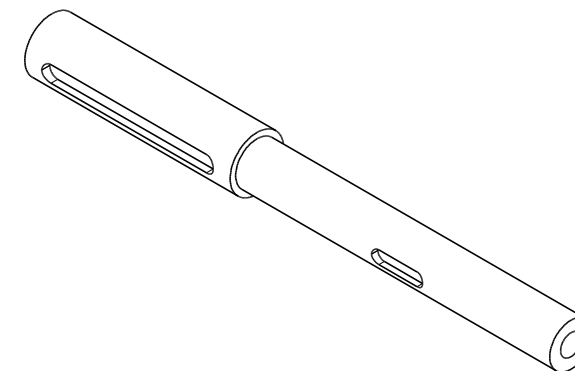
FINISH ALL OVER Ra125  
 BREAK EDGES 0.02/ 0.04  
 0.0 " 0.010"  
 0.00 " 0.005"  
 0.000 " 0.001"  
 0.0000 " 0.0005"  
 FRACTIONAL " 1/16

DWG No. <b>DBT-POP 1207-200-03</b>	REV <b>0</b>
PART No.	REV DATE (DMY)

PART NAME <b>PINION SHAFT</b>			
DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY) <b>01/11/2012</b>	SHEET <b>1 OF 1</b>

QTY RQ'D <b>1</b>	PROJECT <b>DRAG FINISHER</b>	FOR ASSEMBLY <b>Z AXIS ADJUST</b>		WEIGHT
	HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL <b>4141 HT</b>	

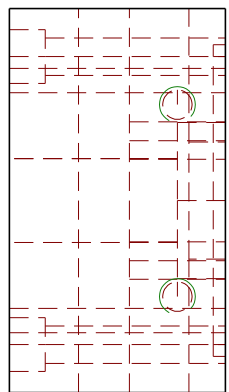
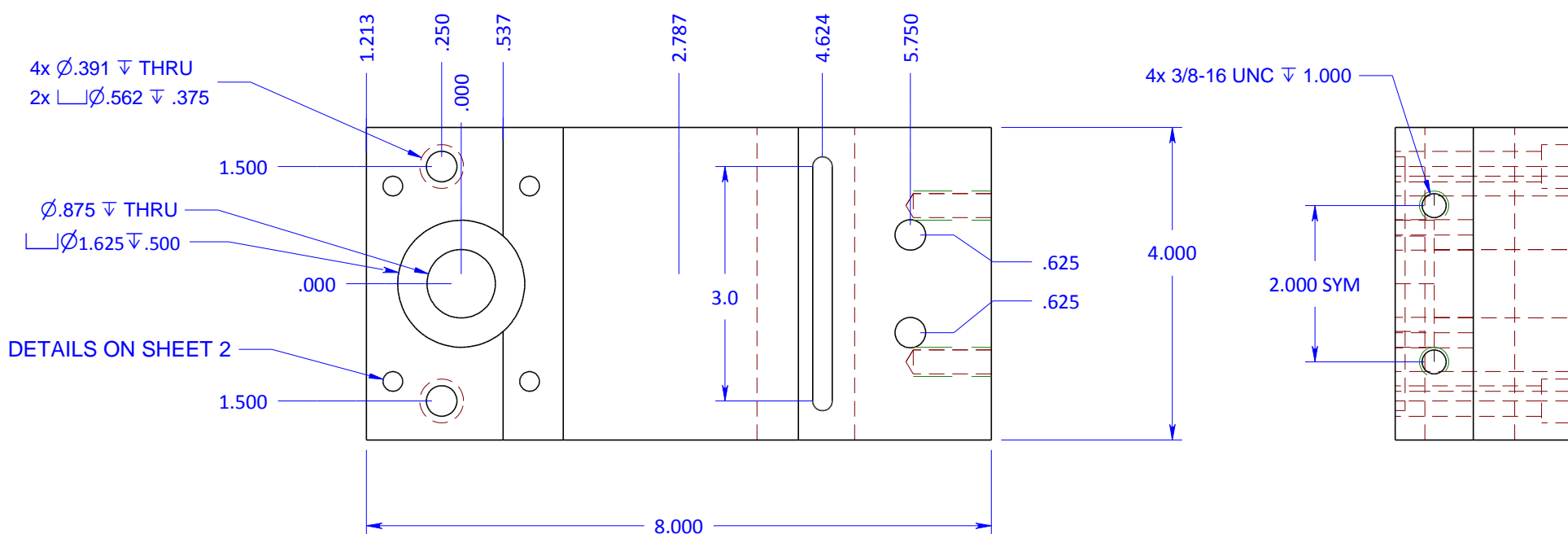
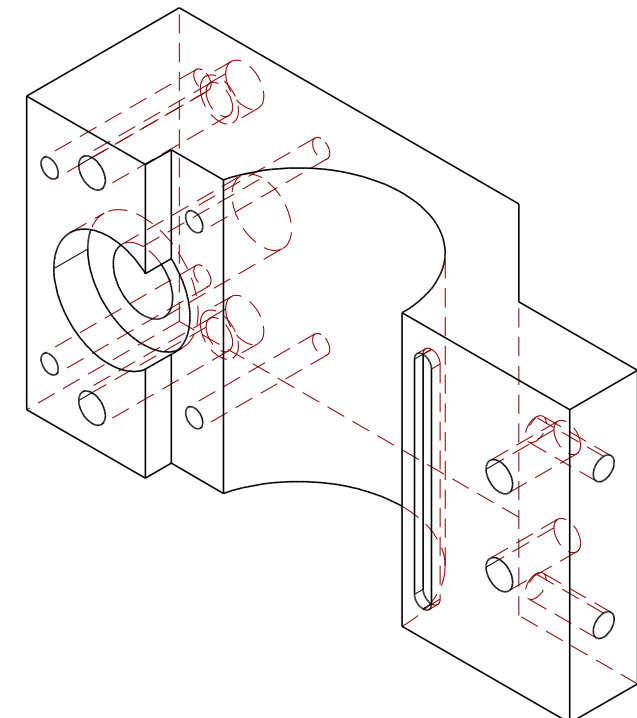
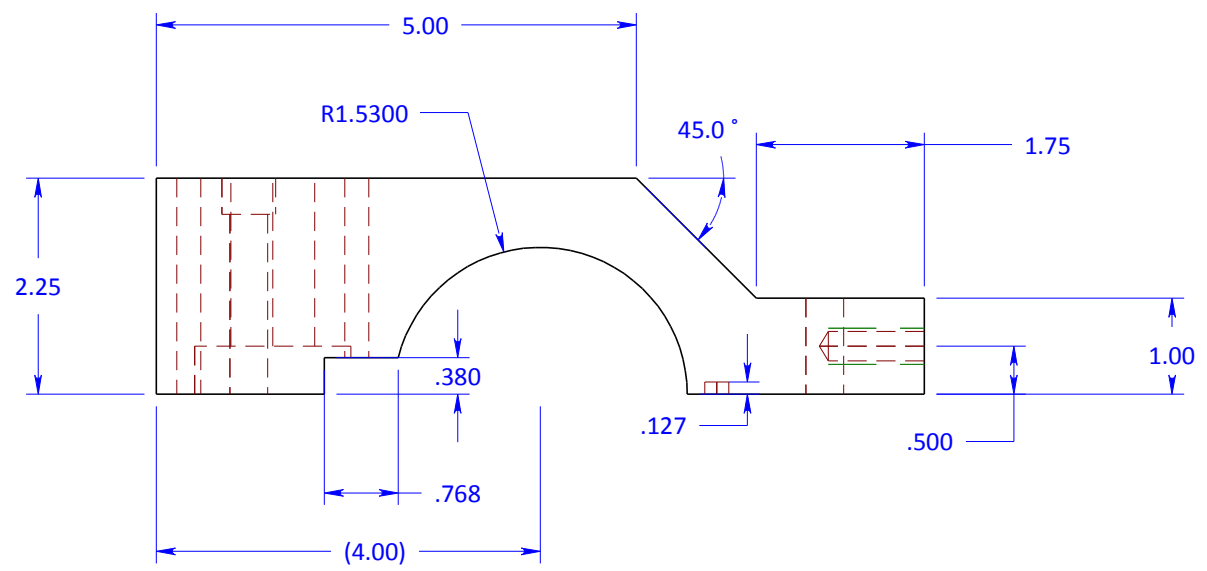
**DEBOER TOOL INC.**  
 CONTACT C WETERBY 647-393-8030



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 " 0.010" 0.00 " 0.005" 0.000 " 0.001" 0.0000 " 0.0005" FRACTIONAL " 1/16	DWG No.	DBT-POP 1207-200-03	REV	2
	PART No.		REV DATE (DMY)	
	PART NAME			
	PINION SHAFT (2)			
DRAWN	SCALE	CREATED (DMY)	SHEET	
CFW	NTS	4/15/2013	1 OF 1	

QTY RQ'D	PROJECT		FOR ASSEMBLY	
	DRAG FINISHER		Z AXIS ADJUST	
1	HEAT TREAT	COATING	MATERIAL	WEIGHT
	NONE	NONE	20MM 01	

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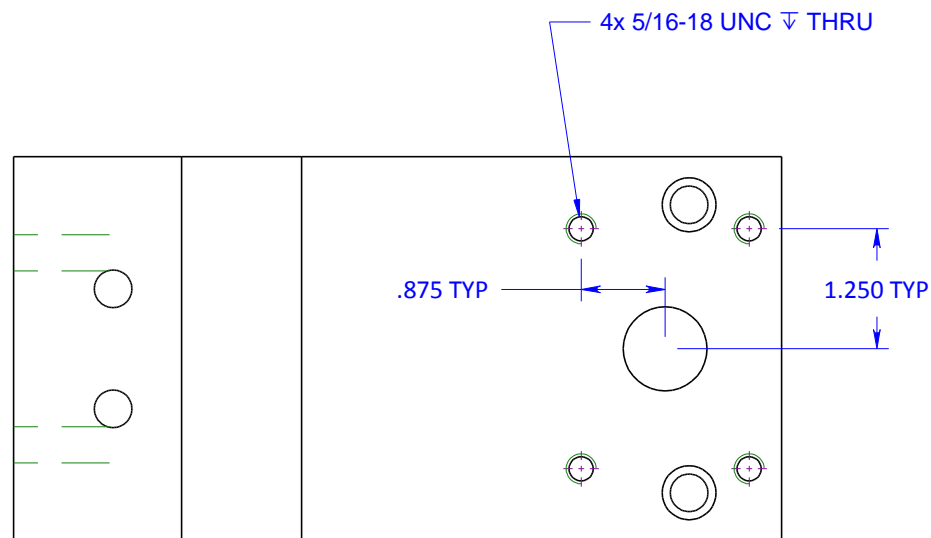
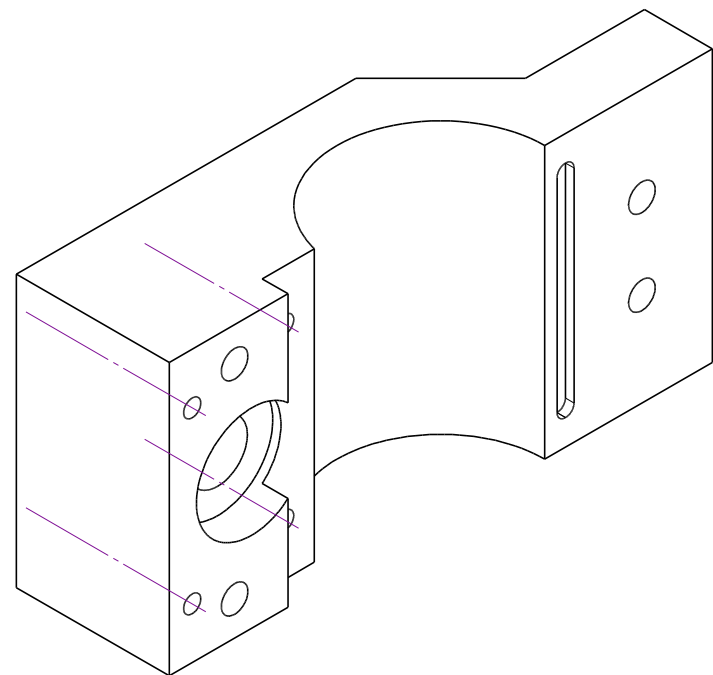


**REVISED**

FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 " 0.010" 0.00 " 0.005" 0.000 " 0.001" 0.0000 " 0.0005" FRACTIONAL " 1/16	DWG No. <b>DBT-POP 1207-200-05</b>	REV <b>1</b>
	PART No.	REV DATE (DMY) 4/15/2013
	PART NAME <b>Z AXIS PINION HOUSING LEFT</b>	
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>

QTY RQ'D <b>1</b>	PROJECT <b>DRAG FINISHER</b>	FOR ASSEMBLY	
	HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL <b>6061 T6 ALUMINUM</b>
	WEIGHT		

SHEET <b>1 OF 2</b>	
<b>DEBOER TOOL INC.</b> CONTACT C WETERBY 647-393-8030	



**REVISED**

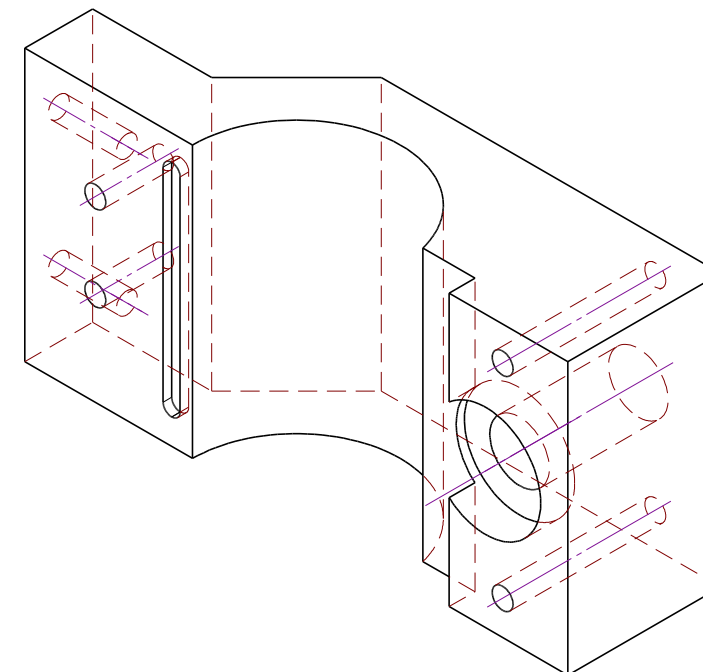
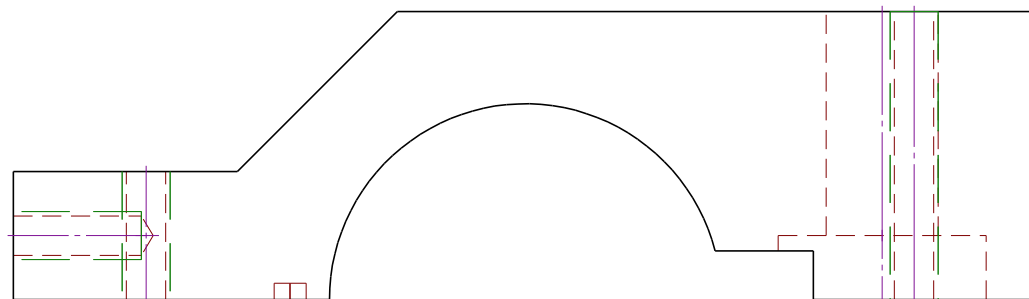
FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 " 0.010" 0.00 " 0.005" 0.000 " 0.001" 0.0000 " 0.0005" FRACTIONAL " 1/16	DWG No.	REV
	<b>DBT-POP 1207-200-05</b>	<b>1</b>
	PART No.	REV DATE (DMY)
		4/15/2013
PART NAME		
<b>Z AXIS PINION HOUSING LEFT</b>		
DRAWN	SCALE	CREATED (DMY)
<b>CFW</b>	<b>NTS</b>	<b>11/1/2012</b>
		SHEET
		2 OF 2

QTY RQ'D	PROJECT	FOR ASSEMBLY	
<b>1</b>	<b>DRAG FINISHER</b>	<b>Z AXIS ADJUST</b>	
	HEAT TREAT	COATING	MATERIAL
	<b>NONE</b>	<b>NONE</b>	<b>6061 T6 ALUMINUM</b>
			WEIGHT

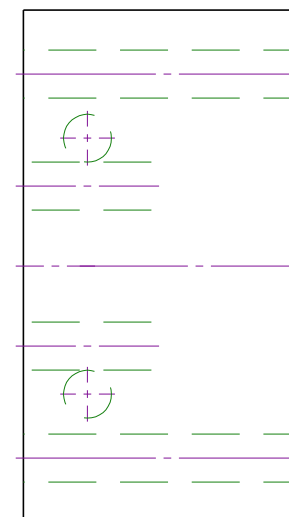
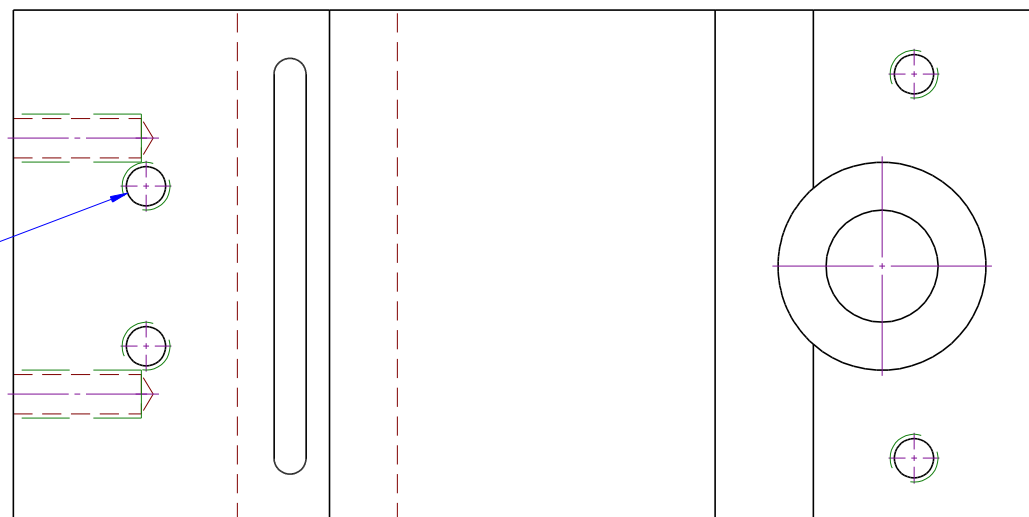
**DEBOER TOOL INC.**  
CONTACT C WETERBY 647-393-8030



NOTE  
 THIS PART IS A MIRROR OF A AXIS PINION HOUSING LEFT  
 REFER TO DWG No DBT-POP-1207-200-05 FOR DIMENSIONAL  
 DETAILS NOT SHOWN HERE

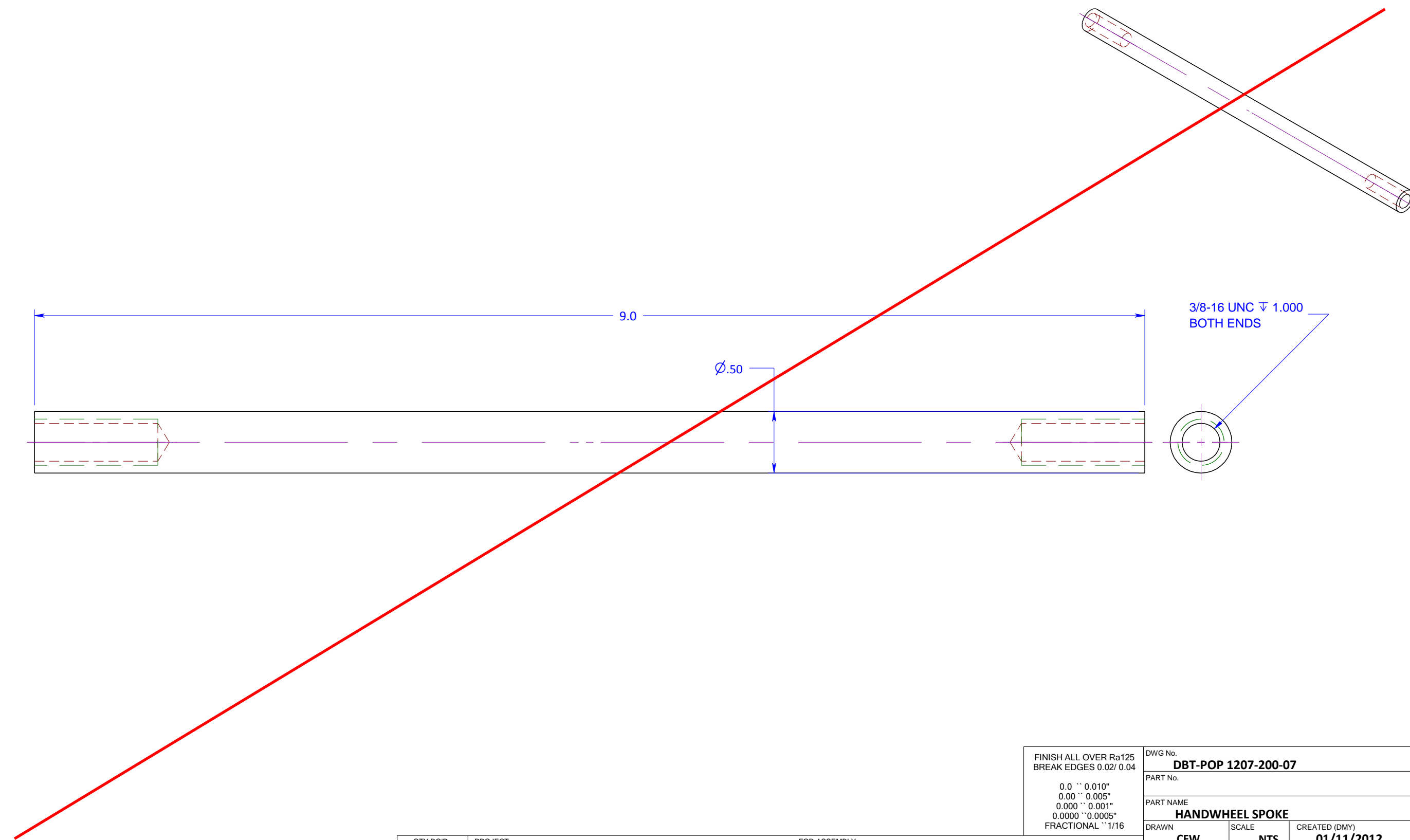


4x 3/8-16 UNC  $\nabla$  THRU



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 " 0.010" 0.00 " 0.005" 0.000 " 0.001" 0.0000 " 0.0005" FRACTIONAL " 1/16	DWG No. <b>DBT-POP 1207-200-06</b>		REV <b>0</b>	
	PART No.		REV DATE (DMY)	
	PART NAME <b>Z AXIS PINION HOUSING RIGHT</b>			SHEET <b>1 OF 1</b>
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY) <b>01/11/2012</b>	
<b>DEBOER TOOL INC.</b> CONTACT C WETERBY 647-393-8030				

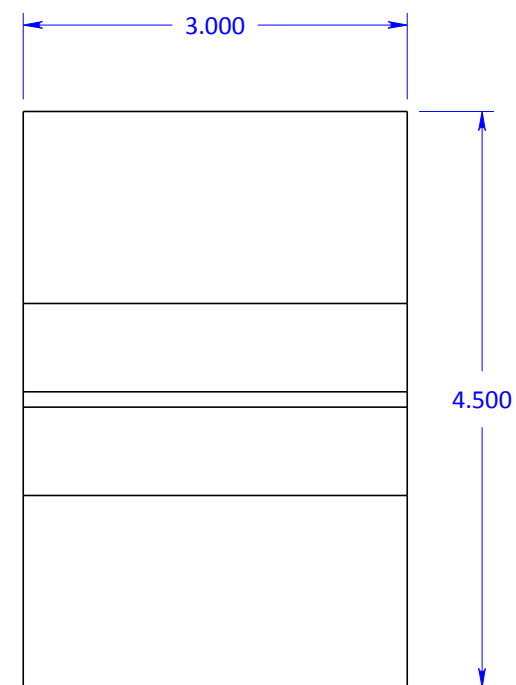
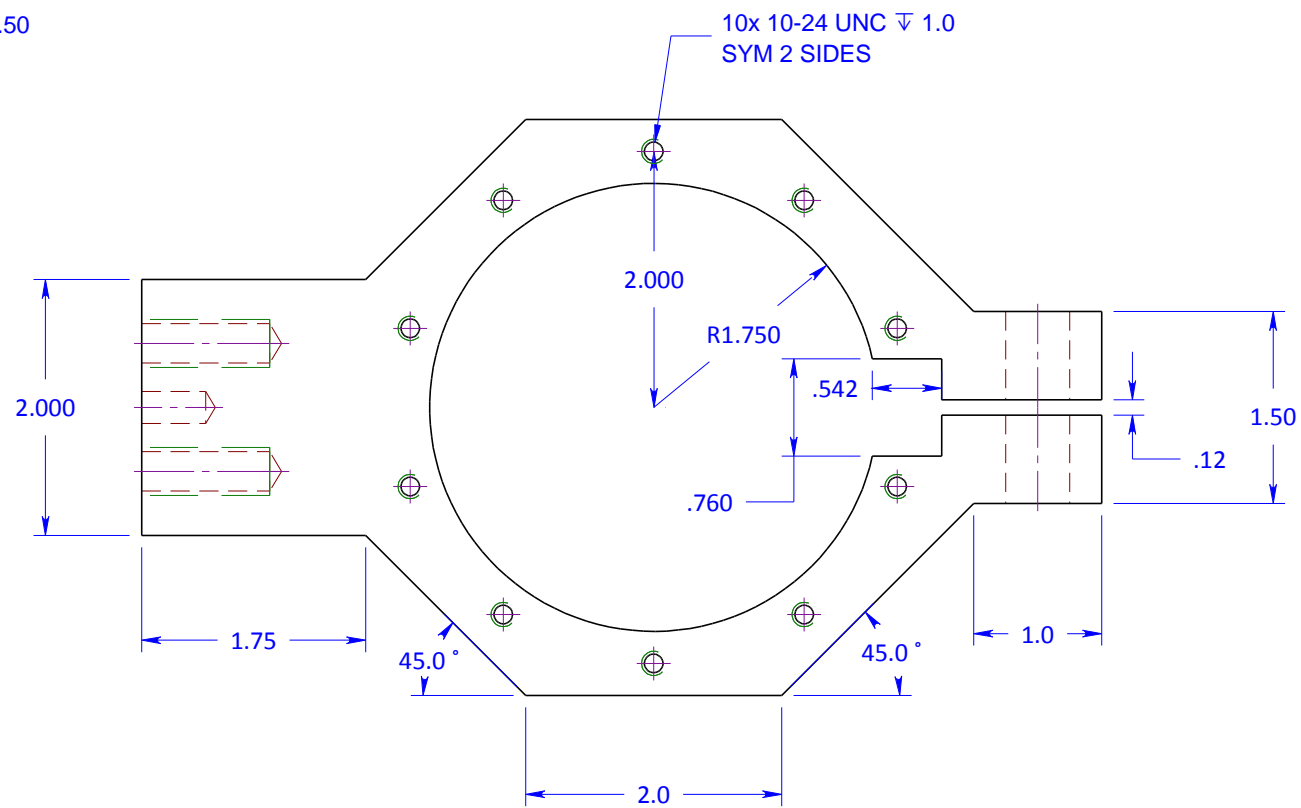
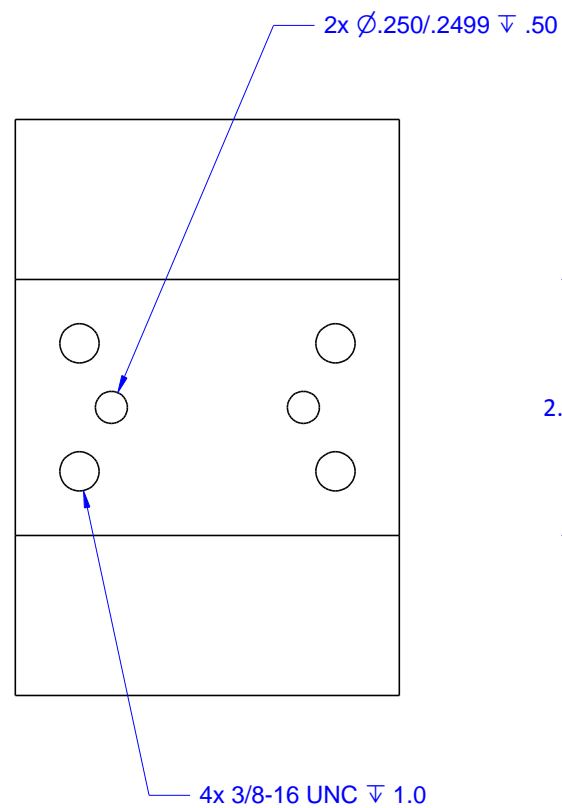
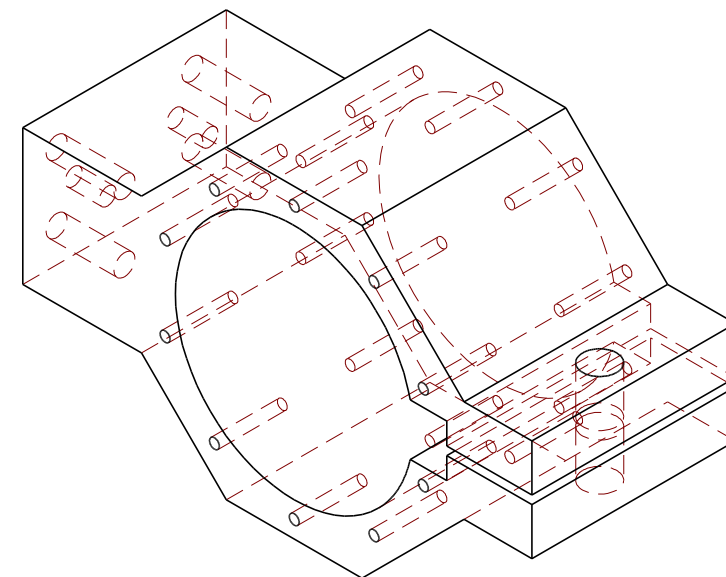
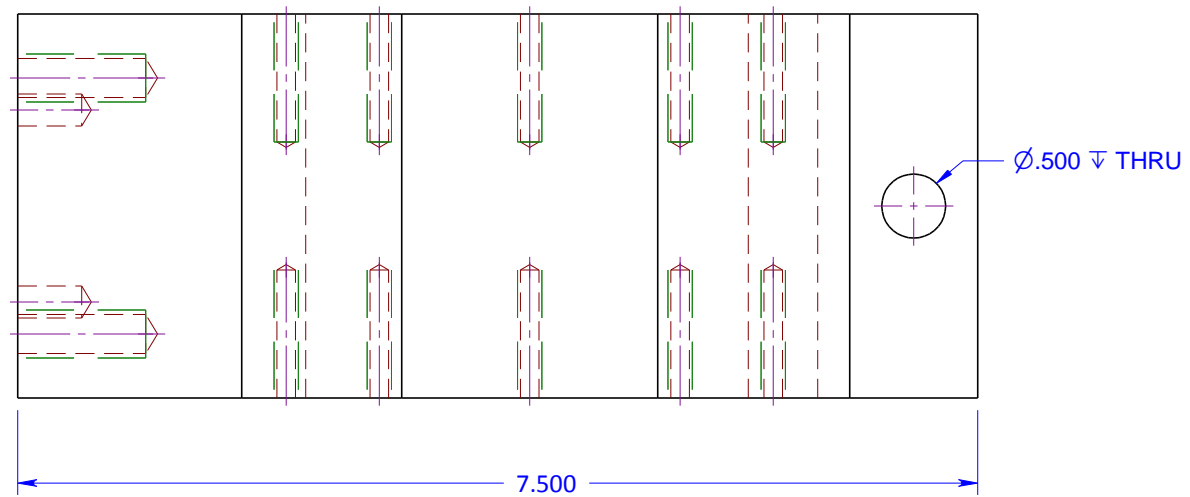
<b>1</b>	QTY RQ'D	PROJECT <b>DRAG FINISHER</b>	FOR ASSEMBLY <b>Z AXIS ADJUST</b>	WEIGHT
	HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL <b>6061 T6 ALUMINUM</b>	



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No.	REV
	<b>DBT-POP 1207-200-07</b>	<b>0</b>
	PART No.	REV DATE (DMY)
	PART NAME	
<b>HANDWHEEL SPOKE</b>		
DRAWN	SCALE	CREATED (DMY)
<b>CFW</b>	<b>NTS</b>	<b>01/11/2012</b>
SHEET		1 OF 1

QTY RQ'D	PROJECT	FOR ASSEMBLY		WEIGHT
<b>6</b>	<b>DRAG FINISHER</b>	<b>Z AXIS ADJUST</b>		
	HEAT TREAT	COATING	MATERIAL	
	<b>NONE</b>	<b>NONE</b>	<b>CRS</b>	

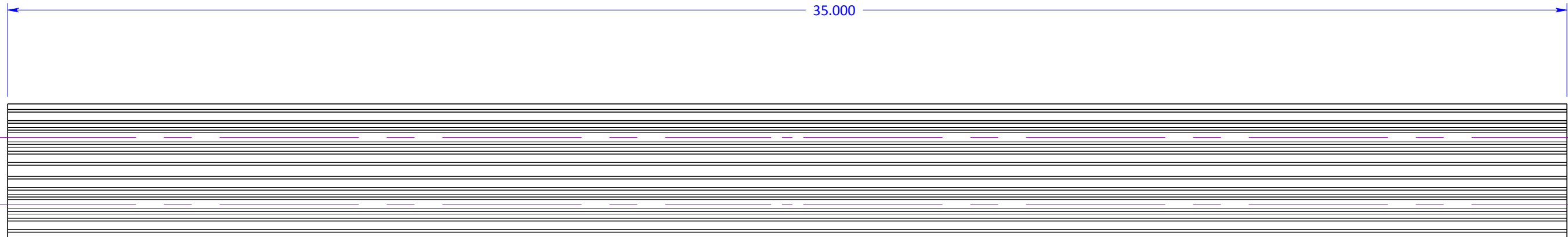
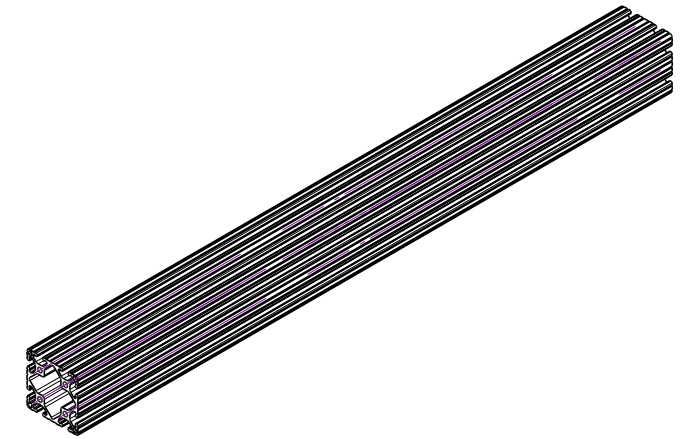
**DEBOER TOOL INC.**  
 CONTACT C WETERBY 647-393-8030



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 $\pm$ 0.010" 0.00 $\pm$ 0.005" 0.000 $\pm$ 0.001" 0.0000 $\pm$ 0.0005" FRACTIONAL $\pm$ 1/16	DWG No.	REV
	<b>DBT-POP 1207-200-08</b>	<b>0</b>
	PART No.	REV DATE (DMY)
	PART NAME	
<b>Z AXIS COLUMN CLAMP-GUIDE</b>		
DRAWN	SCALE	CREATED (DMY)
<b>CFW</b>	<b>NTS</b>	<b>01/11/2012</b>
SHEET		1 OF 1

QTY RQ'D	PROJECT	FOR ASSEMBLY	
<b>2</b>	<b>DRAG FINISHER</b>	<b>Z AXIS ADJUST</b>	
	HEAT TREAT	COATING	MATERIAL
	<b>NONE</b>	<b>NONE</b>	<b>6061 T6 ALUMINUM</b>
			WEIGHT

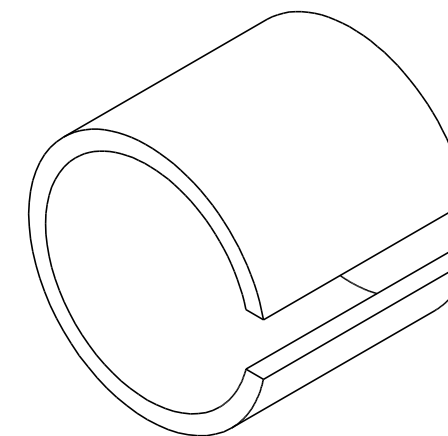
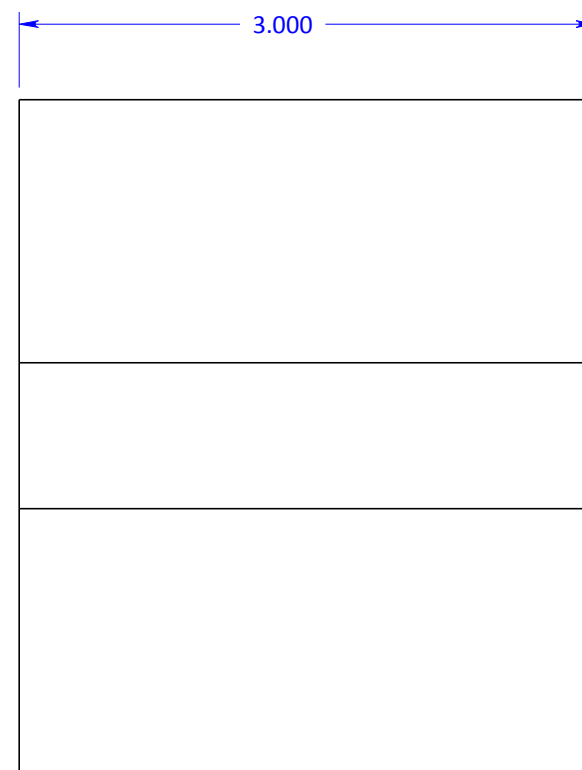
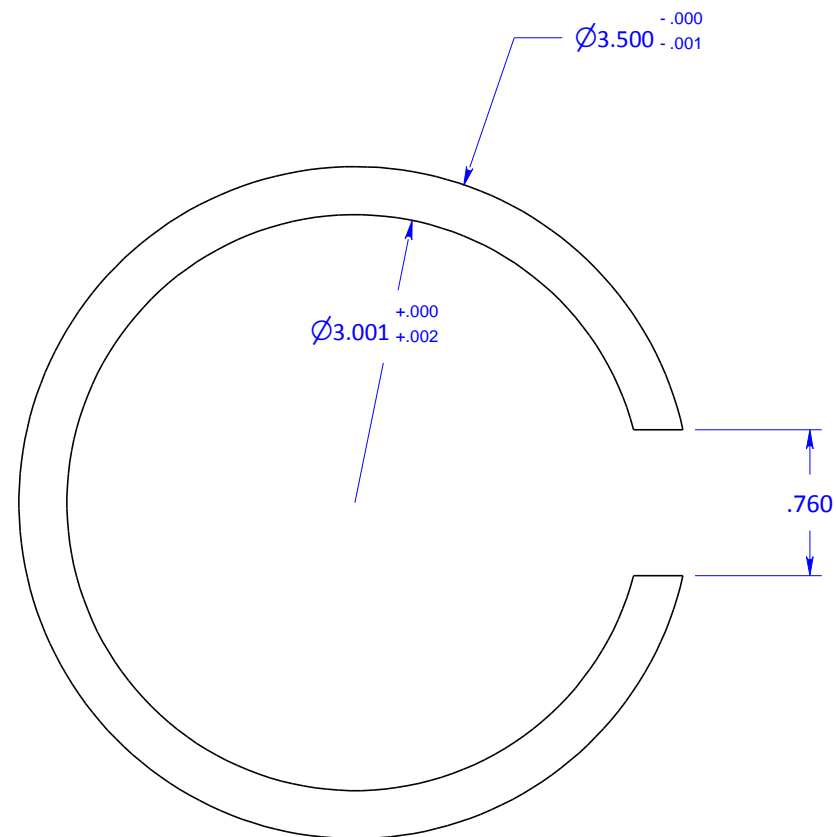
**DEBOER TOOL INC.**  
CONTACT C WETERBY 647-393-8030



FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No. <b>DBT-POP 1207-200-09</b>		REV
	PART No.		REV DATE (DMY)
	PART NAME <b>Z AXIS SUPPORT A</b>		
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY)

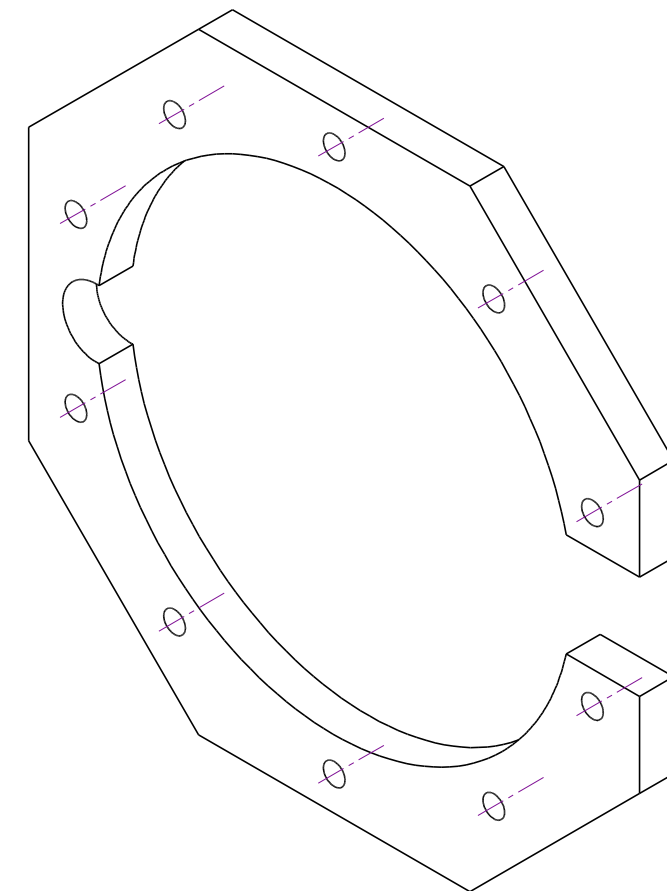
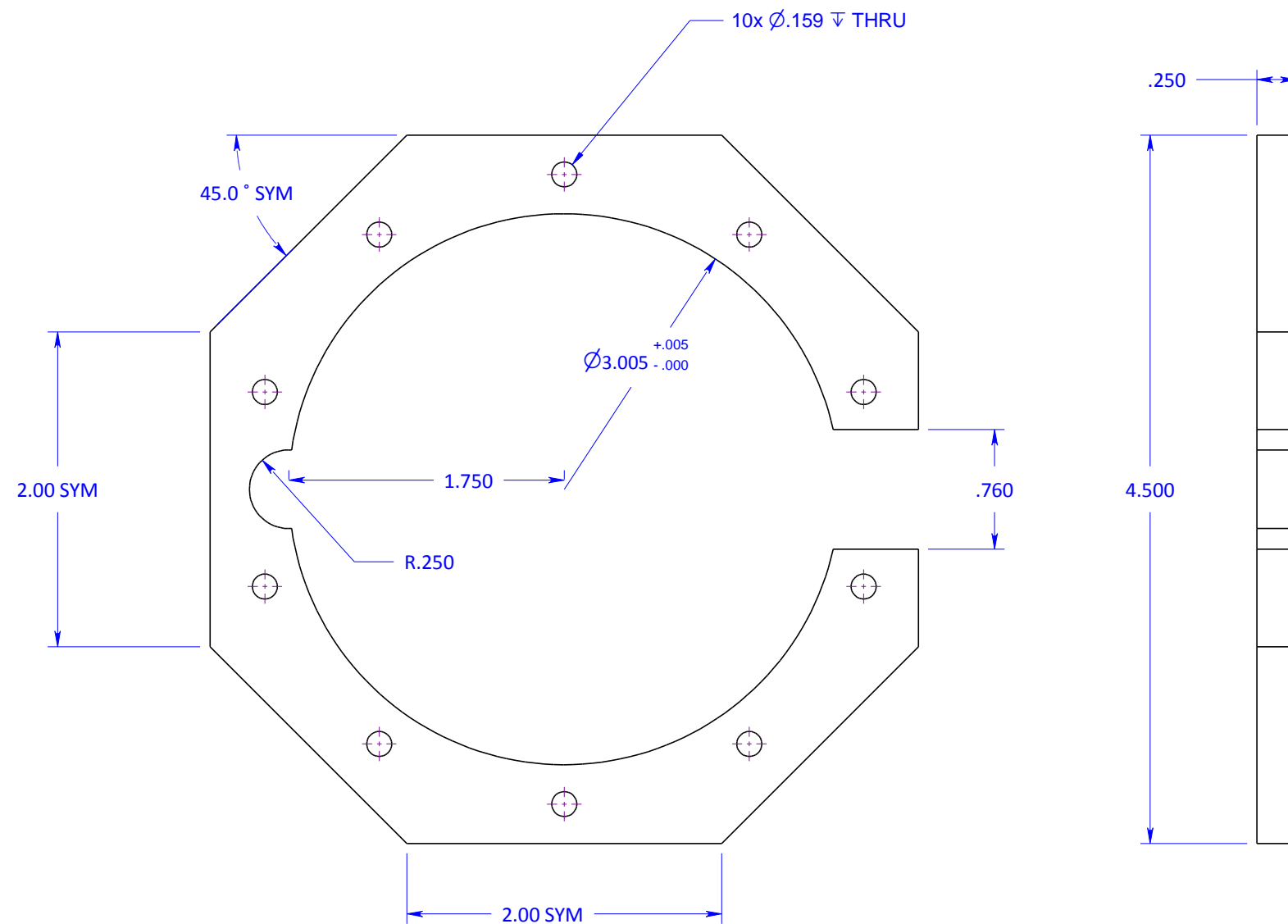
QTY RQ'D <b>1</b>	PROJECT FOR ASSEMBLY <b>Z AXIS ADJUST</b>	HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL WEIGHT
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FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No. <b>DBT-POP1207-200-11</b>		REV <b>0</b>
	PART No.		REV DATE (DMY)
	PART NAME <b>BRONZE BUSHING</b>		
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY) <b>01/11/2012</b>
<b>DEBOER TOOL INC.</b> CONTACT C WETERBY 647-393-8030			

QTY RQ'D	PROJECT	FOR ASSEMBLY	
<b>2</b>	<b>DRAG FINISHER</b>	<b>Z AXIS ADJUST</b>	
	HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL <b>AL BRONZE</b>
			WEIGHT

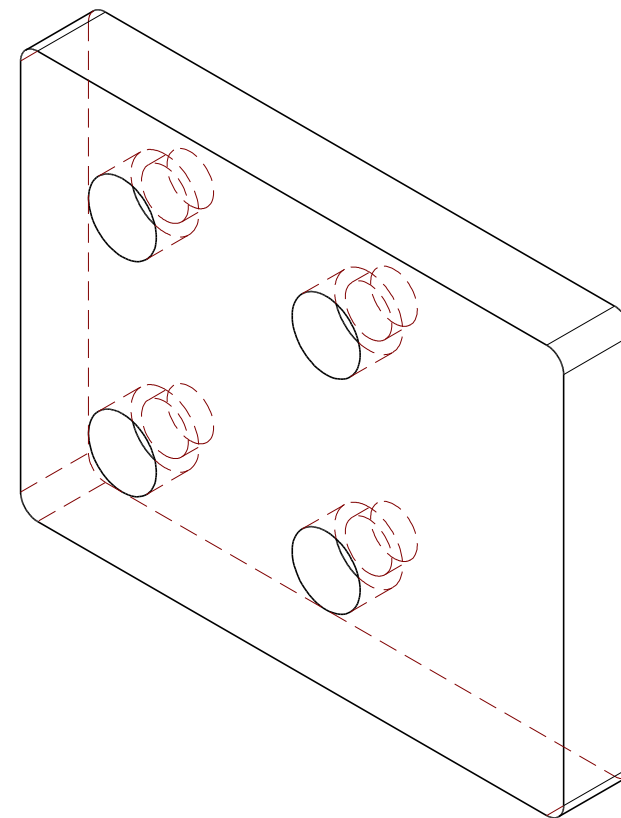
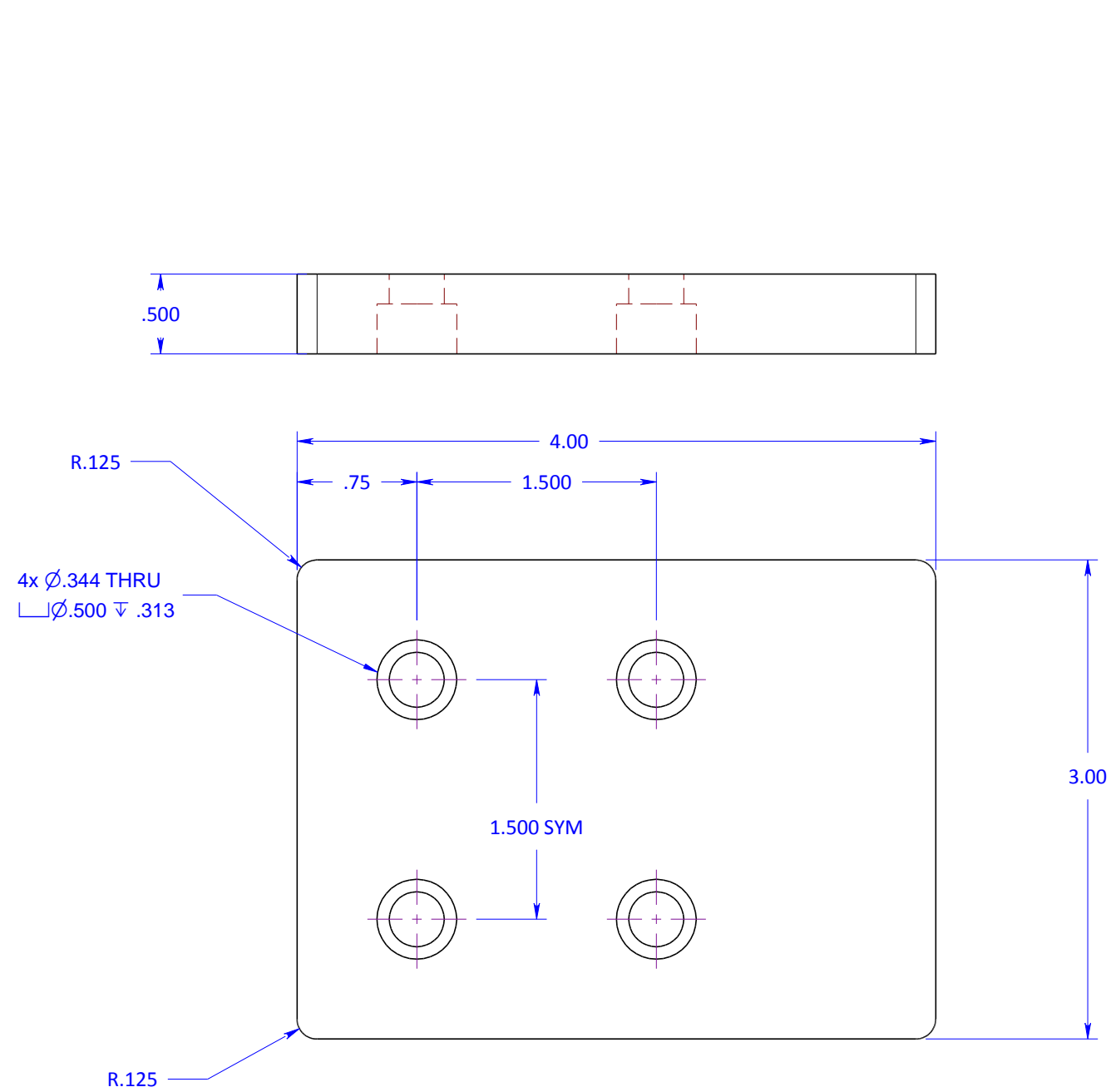


FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No.	REV
	<b>DBT-POP 1207-200-12</b>	<b>0</b>
	PART No.	REV DATE (DMY)
	PART NAME	
<b>BUSHING RETAINER</b>		
DRAWN	SCALE	CREATED (DMY)
<b>CFW</b>	<b>NTS</b>	<b>01/11/2012</b>
SHEET		1 OF 1

QTY RQ'D	PROJECT	FOR ASSEMBLY	
<b>4</b>	<b>DRAG FINISHER</b>	<b>Z AXIS ADJUST</b>	
HEAT TREAT	COATING	MATERIAL	WEIGHT
<b>NONE</b>	<b>NONE</b>	<b>6061 T6 ALUMINUM</b>	

**DEBOER TOOL INC.**  
 CONTACT C WETERBY 647-393-8030



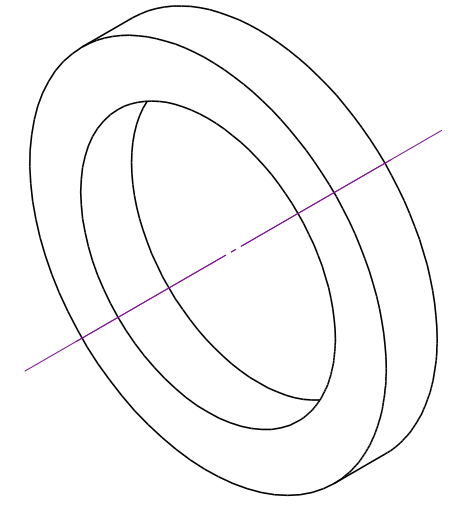
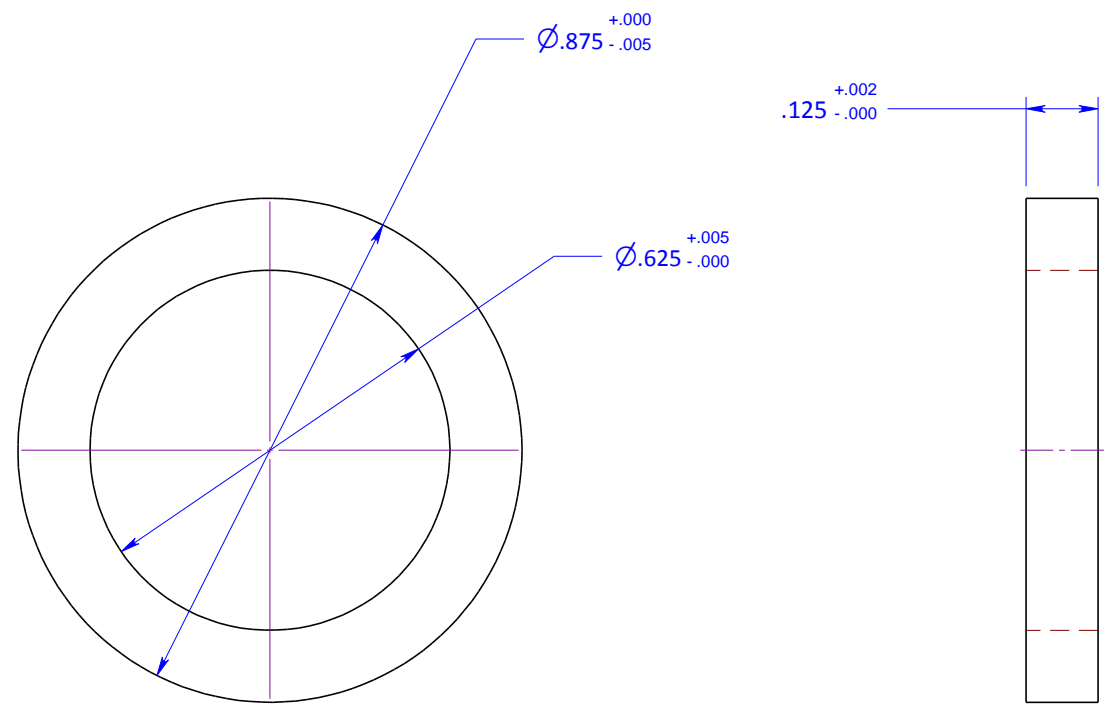


FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 " 0.010" 0.00 " 0.005" 0.000 " 0.001" 0.0000 " 0.0005" FRACTIONAL " 1/16	DWG No. <b>DBT-POP 1207-200-14</b>		REV <b>0</b>
	PART No.		REV DATE (DMY)
	PART NAME <b>3030 Z AXIS END</b>		
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY) <b>01/11/2012</b>

QTY RQ'D <b>1</b>	PROJECT <b>DRAG FINISHER</b>	FOR ASSEMBLY		Z AXIS ADJUST	WEIGHT
	HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL <b>6061 T6 ALUMINUM</b>		

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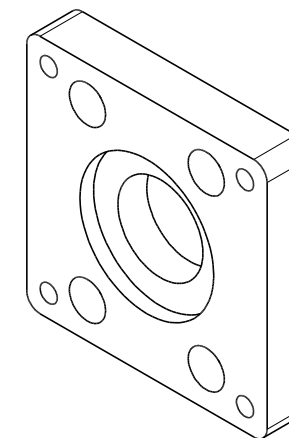
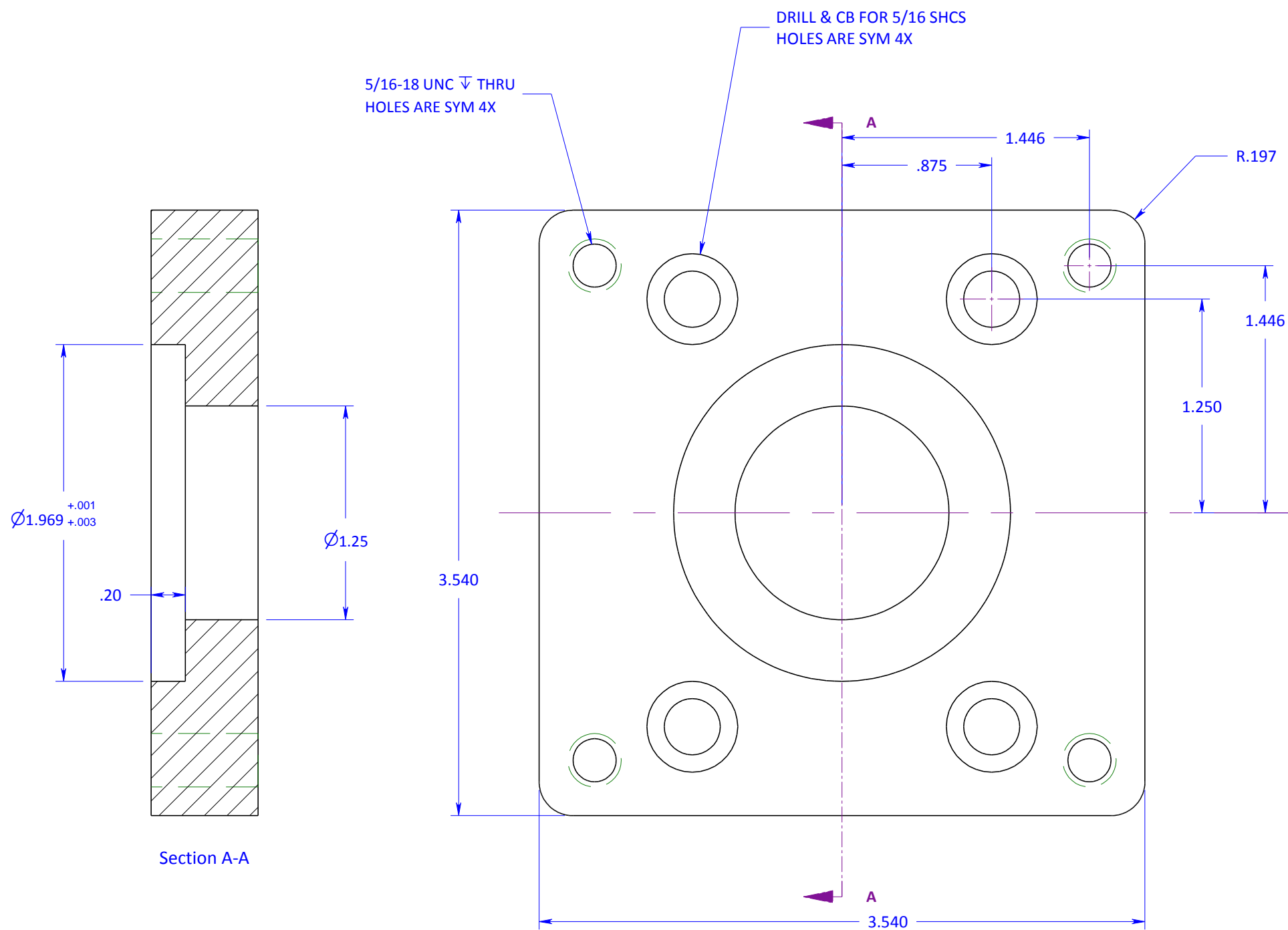




FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No. <b>DBT-POP 1207-200-16</b>		REV <b>0</b>
	PART No.		REV DATE (DMY)
	PART NAME <b>PINION THRUST WASHER</b>		
	DRAWN <b>CFW</b>	SCALE <b>NTS</b>	CREATED (DMY) <b>01/11/2012</b>

QTY RQ'D <b>4</b>	PROJECT <b>DRAG FINISHER</b>	FOR ASSEMBLY		<b>Z AXIS ADJUST</b>	WEIGHT
	HEAT TREAT <b>NONE</b>	COATING <b>NONE</b>	MATERIAL <b>CRS</b>		

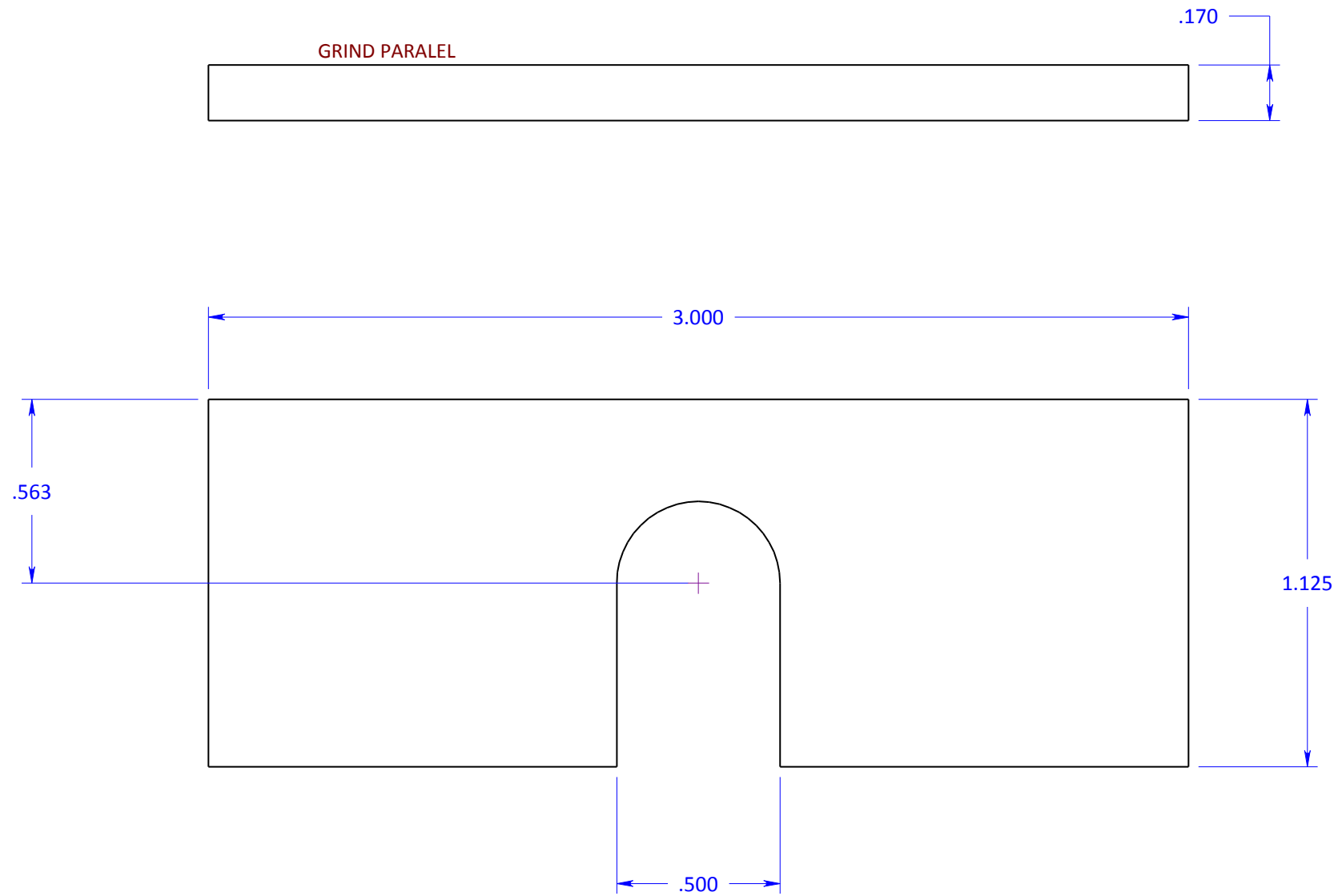
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FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No.	REV
	<b>DBT-POP-1207-200-17</b>	
	PART No.	REV DATE (DMY)
	PART NAME	
<b>Z AXIS MOTOR SHIM</b>		
DRAWN	SCALE	CREATED (DMY)
<b>CFW</b>	<b>NTS</b>	<b>3/27/2013</b>
SHEET		
<b>1 OF 1</b>		

QTY RQ'D	PROJECT	FOR ASSEMBLY	
<b>1</b>	<b>DRAG FINISHER</b>	<b>Z AXIS ADJUST</b>	
	HEAT TREAT	COATING	MATERIAL
	<b>NONE</b>	<b>NONE</b>	<b>6061 T6 ALUMINUM</b>
			WEIGHT

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FINISH ALL OVER Ra125 BREAK EDGES 0.02/ 0.04  0.0 `` 0.010" 0.00 `` 0.005" 0.000 `` 0.001" 0.0000 `` 0.0005" FRACTIONAL `` 1/16	DWG No.	<b>DBT-POP 1207-200-15</b>		REV
	PART No.			REV DATE (DMY)
	PART NAME	<b>Z AXIS CLAMP SHIM</b>		
	DRAWN	SCALE	CREATED (DMY)	SHEET
<b>CFW</b>	<b>NTS</b>	<b>06-MAY-13</b>	<b>1 OF 1</b>	
<b>DEBOER TOOL INC.</b>				
CONTACT C WETERBY 647-393-8030				

QTY RQ'D	PROJECT	FOR ASSEMBLY			WEIGHT
<b>2</b>	<b>DRAG FINISHER</b>	<b>Z AXIS</b>			
	HEAT TREAT	COATING	MATERIAL		
	<b>NONE</b>	<b>NONE</b>	<b>01</b>		