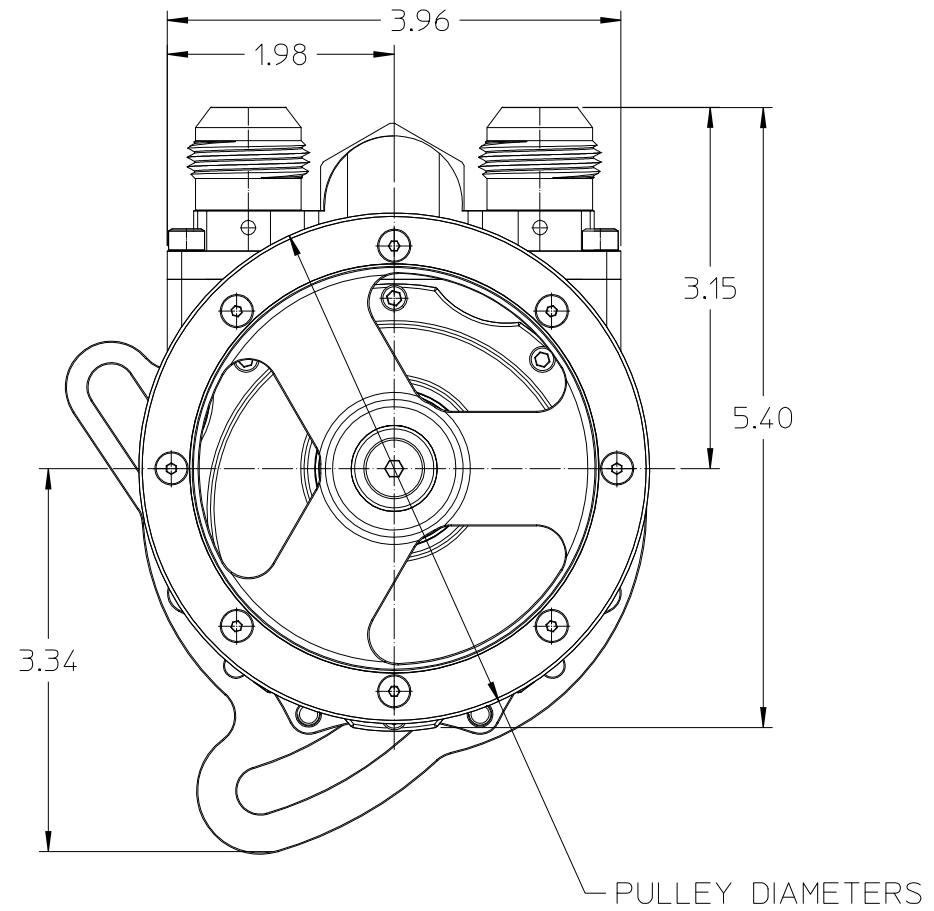
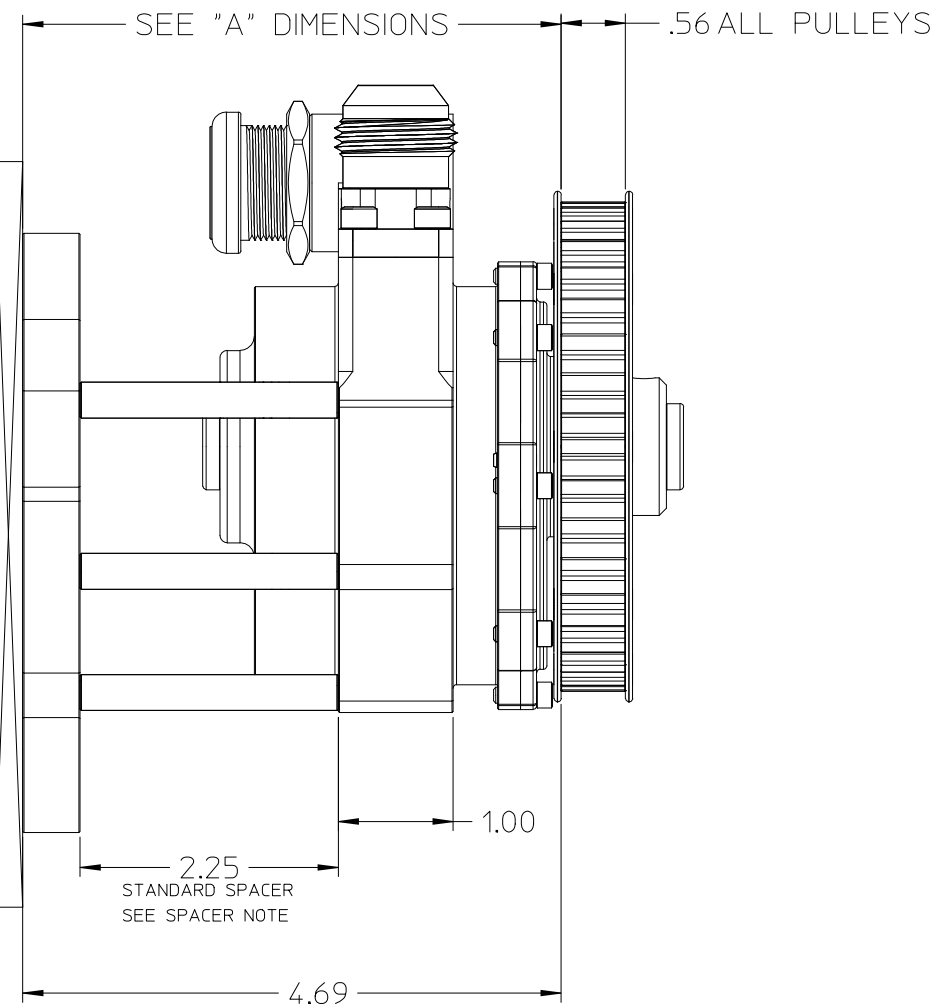


FRONT ENGINE
PLATE



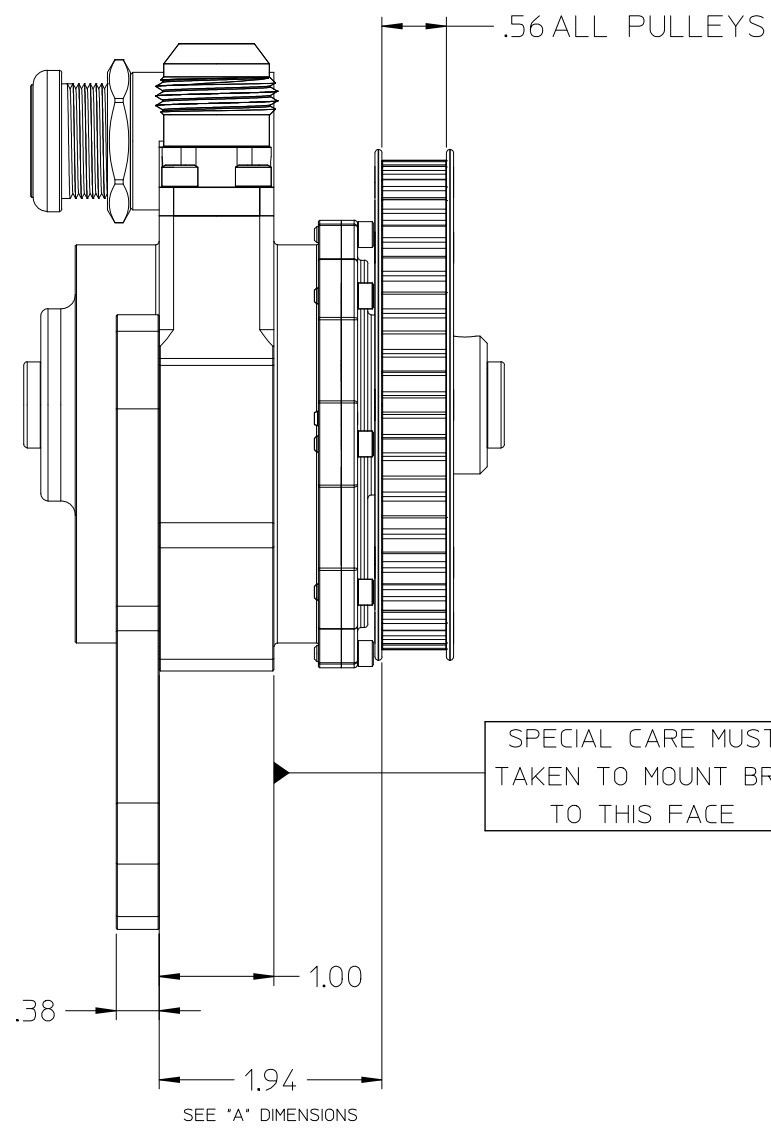
PULLEY DIAMETERS	
36T ALUMINUM (SHOWN)	Ø4.45
24T ALUMINUM	Ø3.00
24T COMPOSITE	Ø3.12
36T COMPOSITE	Ø4.53
40T COMPOSITE	Ø5.00

STAND LENGTH NOTES
 THE STANDARD LENGTH IS 2.25"
 STANDS AVAILABLE IN 0.25" INCREMENTS
 THE MINIMUM LENGTH IS 1.37"
 THE MAXIMUM LENGTH IS 3.50"
 CUSTOM LENGTHS AVAILABLE IF REQUIRED

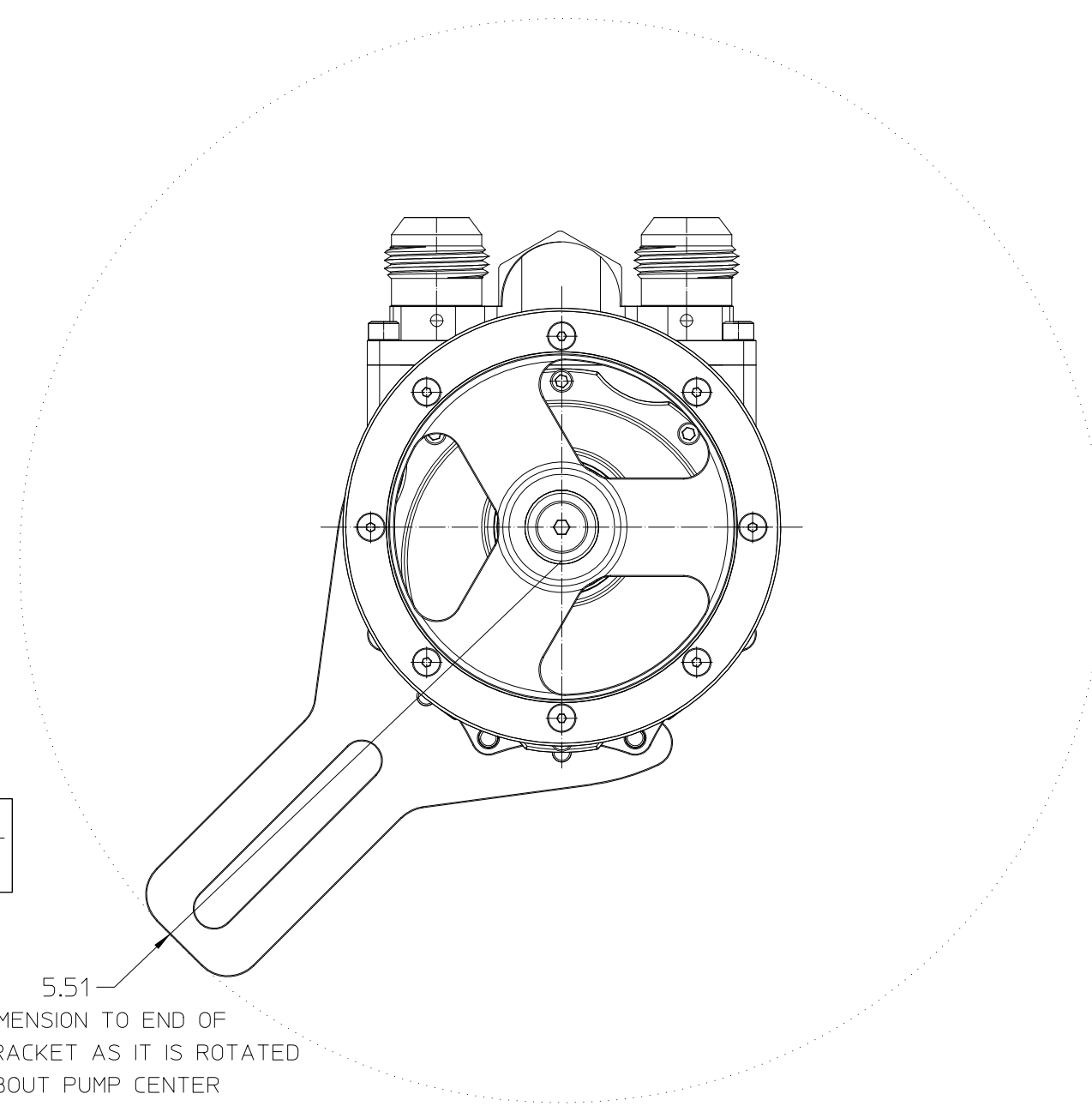
"A" DIMENSIONS WITH 2.25" STAND	
WITH 36T ALUMINUM PULLEY (SHOWN)	4.69
WITH 24T ALUMINUM PULLEY	4.69
WITH 24T COMPOSITE PULLEY	4.41
WITH 36T COMPOSITE PULLEY	4.41
WITH 40T COMPOSITE PULLEY	4.41

"A" DIMENSIONS WITH 1.37" MINIMUM LENGTH STAND	
WITH 36T ALUMINUM PULLEY (SHOWN)	3.81
WITH 24T ALUMINUM PULLEY	3.81
WITH 24T COMPOSITE PULLEY	3.53
WITH 36T COMPOSITE PULLEY	3.53
WITH 40T COMPOSITE PULLEY	3.53

2		
1		
0		
REV.	REVISION DESCRIPTION	DATE
	DESCRIPTION MINI PUMP LAYOUT DIMENSIONS, GEN2	
	HEAT TREATING	MATERIAL
	HARDNESS	DEPTH
	SURFACE PREPARATION	SCALE
	FINISH	SHEET
		SIZE
		DRAWING NO.
TOLERANCES UNLESS SPECIFIED: FRACTIONAL TOLERANCES (INCHES) 0.05--10 ± 0.005 11--20 ± 0.010 21--30 ± 0.015 31--40 ± 0.020 44--50 ± 0.030 51--100 ± 0.050 DECIMAL TOLERANCES (INCHES) 0.05--10 ± 0.005 11--20 ± 0.010 21--30 ± 0.015 31--40 ± 0.020 44--50 ± 0.030 51--100 ± 0.050 GEOMETRIC (INCHES) 0.05--20 0.005 21--40 0.010 41--50 0.015 51--100 0.020 0.002 0-100 0.015 BREAK ALL EDGES UNLESS SPECIFIED		DESIGNED BY T HIGDON SCALE 1 OF 1 SHEET B SIZE B DRAWING NO. STR.09.04.000 THIS DRAWING IS THE PROPERTY OF STAR MACHINE. IT SHALL NOT BE DISCLOSED OR COPIED WITHOUT THE WRITTEN AUTHORIZATION OF STAR MACHINE.

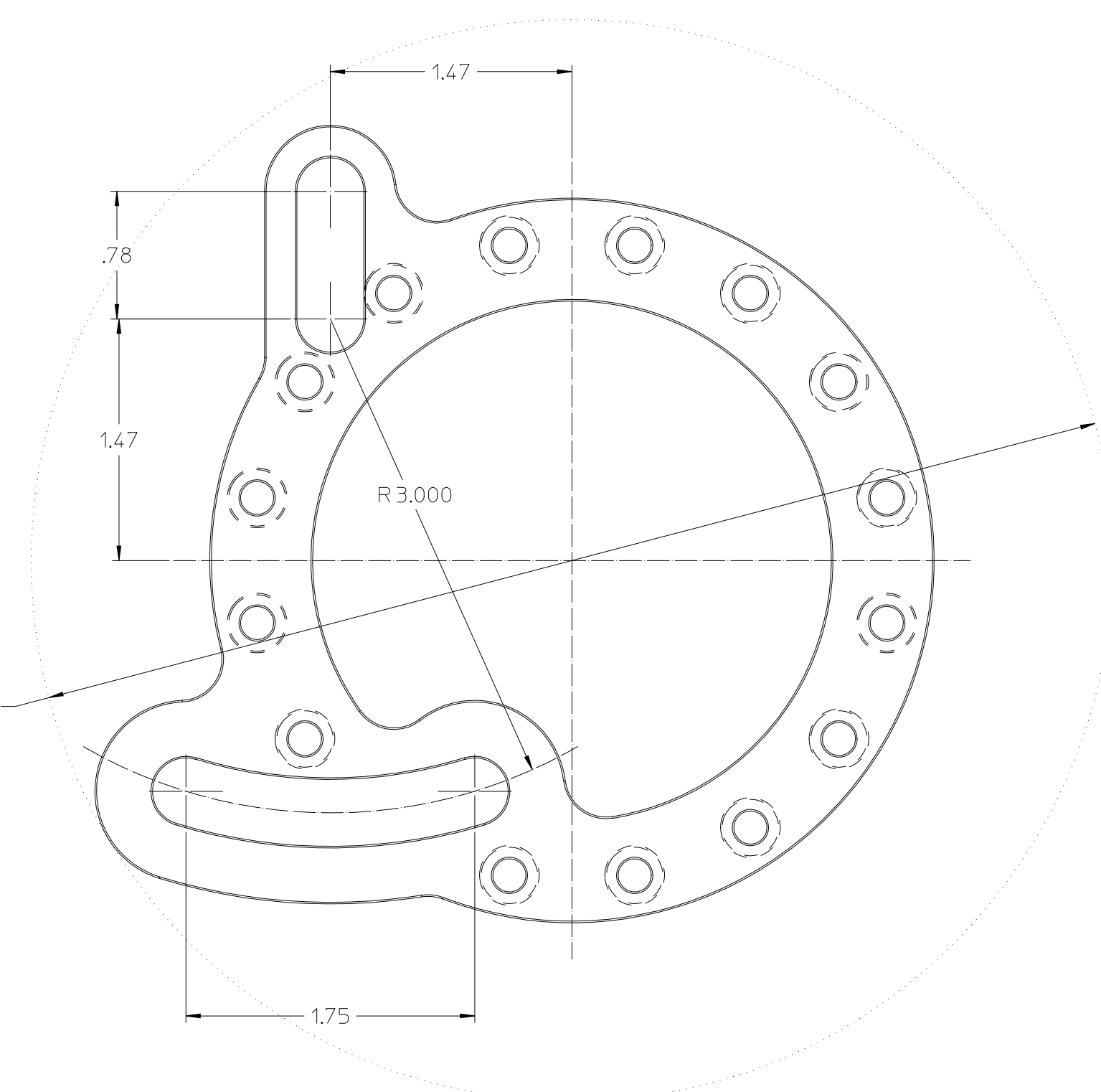


5.51
 DIMENSION TO END OF BRACKET AS IT IS ROTATED ABOUT PUMP CENTER BRACKET CAN BE ROTATED/FASTENED EVERY 22.5°)

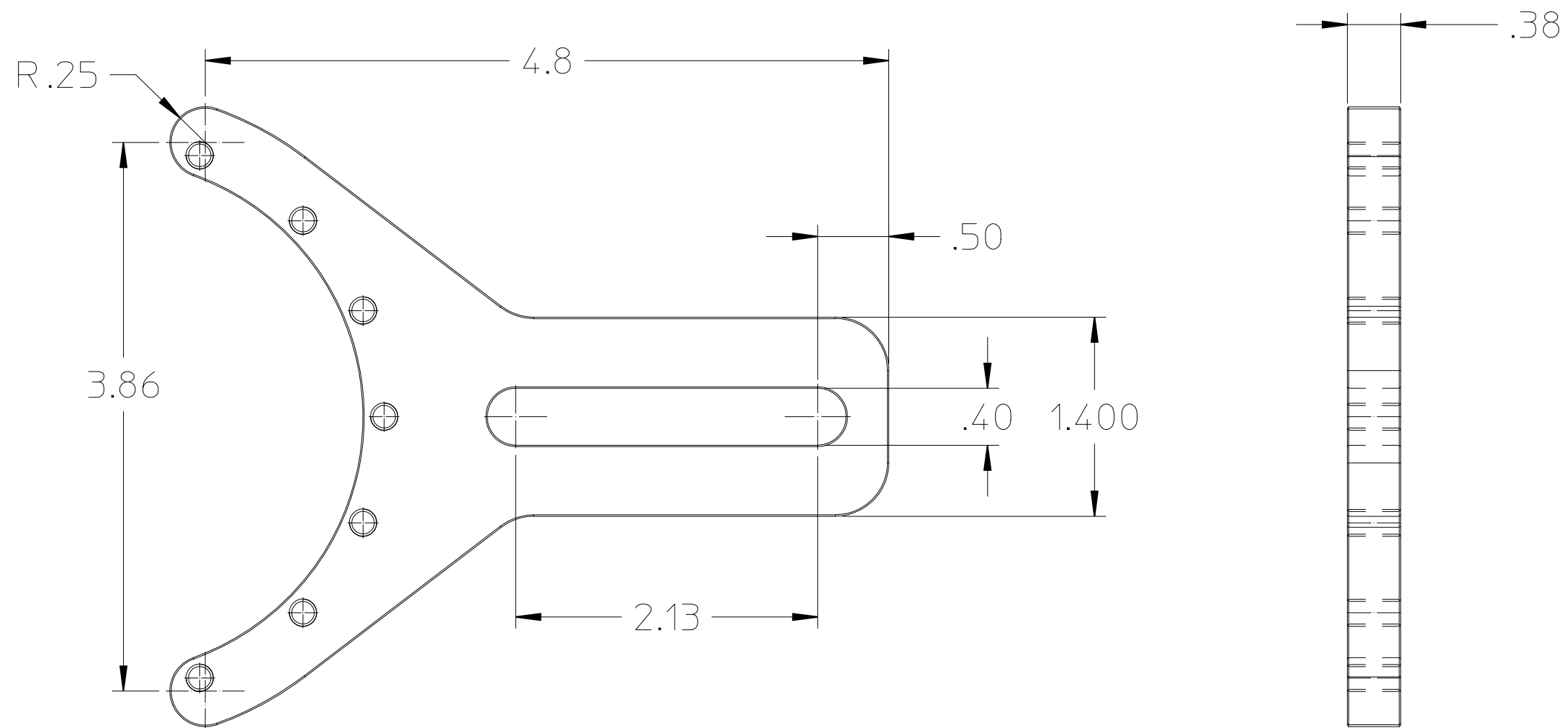


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<p>star machine 6018 Blackhead Road Baltimore, MD. 21220</p> <p>LINEAR (INCHES)</p> <table border="1"> <tr> <td>0-.05</td> <td>+0.005</td> <td>0.05-0.10</td> <td>+0.010</td> </tr> <tr> <td>0.10-0.20</td> <td>+0.010</td> <td>0.10-0.20</td> <td>+0.010</td> </tr> <tr> <td>0.20-0.30</td> <td>+0.015</td> <td>0.20-0.30</td> <td>+0.015</td> </tr> <tr> <td>0.30-0.40</td> <td>+0.020</td> <td>0.30-0.40</td> <td>+0.020</td> </tr> <tr> <td>0.40-0.50</td> <td>+0.030</td> <td>0.40-0.50</td> <td>+0.030</td> </tr> <tr> <td>0.50-1.00</td> <td>+0.050</td> <td>0.50-1.00</td> <td>+0.050</td> </tr> </table> <p>ANGULAR</p> <table border="1"> <tr> <td>0-90</td> <td>+0.25°</td> </tr> <tr> <td>91-180</td> <td>+0.50°</td> </tr> <tr> <td>181-270</td> <td>+0.75°</td> </tr> <tr> <td>271-360</td> <td>+1.00°</td> </tr> </table> <p>GEOMETRIC (INCHES)</p> <table border="1"> <tr> <td>0.05-0.10</td> <td>+0.005</td> <td>0.05-0.20</td> <td>+0.005</td> </tr> <tr> <td>0.10-0.20</td> <td>+0.010</td> <td>0.20-0.30</td> <td>+0.010</td> </tr> <tr> <td>0.20-0.30</td> <td>+0.015</td> <td>0.30-0.40</td> <td>+0.015</td> </tr> <tr> <td>0.30-0.40</td> <td>+0.020</td> <td>0.40-0.50</td> <td>+0.020</td> </tr> <tr> <td>0.40-0.50</td> <td>+0.030</td> <td>0.50-1.00</td> <td>+0.050</td> </tr> <tr> <td>0.50-1.00</td> <td>+0.050</td> <td>0.002</td> <td>0.010</td> </tr> </table> <p>BREAK ALL EDGES (INCHES SPECIFIED)</p> <p>THIS DRAWING IS THE PROPERTY OF STAR MACHINE. IT SHALL NOT BE DISCLOSED OR COPIED WITHOUT THE WRITTEN AUTHORIZATION OF STAR MACHINE.</p>				0-.05	+0.005	0.05-0.10	+0.010	0.10-0.20	+0.010	0.10-0.20	+0.010	0.20-0.30	+0.015	0.20-0.30	+0.015	0.30-0.40	+0.020	0.30-0.40	+0.020	0.40-0.50	+0.030	0.40-0.50	+0.030	0.50-1.00	+0.050	0.50-1.00	+0.050	0-90	+0.25°	91-180	+0.50°	181-270	+0.75°	271-360	+1.00°	0.05-0.10	+0.005	0.05-0.20	+0.005	0.10-0.20	+0.010	0.20-0.30	+0.010	0.20-0.30	+0.015	0.30-0.40	+0.015	0.30-0.40	+0.020	0.40-0.50	+0.020	0.40-0.50	+0.030	0.50-1.00	+0.050	0.50-1.00	+0.050	0.002	0.010
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Ø 6.6
OVERALL SPACE REQUIREMENT
FOR "Q" BRACKET



2																
1																
0																
REV.	REVISION DESCRIPTION	DATE														
	DESCRIPTION "Q" BRACKET LAYOUT DIMENSIONS															
<i>star machine</i> 6018 Blackhead Road Baltimore, MD. 21220		HEAT TREATING														
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2				
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0				
REV.	REVISION DESCRIPTION			DATE
<i>star machine</i> 6618 Blackhead Road Baltimore, MD. 21220		DESCRIPTION RED MOUNTING BRACKET		
		HEAT TREATING	MATERIAL	
		HARDNESS	DEPTH	DESIGNED BY T HIGDON
		SURFACE PREPARATION		SCALE
		FINISH		SHEET 1 OF 1
				SIZE B
				DRAWING NO.
TOLERANCES UNLESS SPECIFIED LINEAR (INCHES) 0-.05 ± 0.005 .05-.10 ± 0.010 .10-.20 ± 0.015 .20-.30 ± 0.020 .30-.40 ± 0.030 .40-.50 ± 0.030 .50-1.00 ± 0.050 ANGULAR 0-90 ± 0.25° 91-180 ± 0.50° 181-270 ± 0.75° 271-360 ± 1.00° GEOMETRIC (INCHES) 0.05-10 ± 0.005 11-20 ± 0.010 21-30 ± 0.015 31-40 ± 0.020 44-50 ± 0.030 51-100 ± 0.050 0.002 0-100 0.015		BREAK ALL EDGES UNLESS SPECIFIED THIS DRAWING IS THE PROPERTY OF STAR MACHINE. IT SHALL NOT BE DISCLOSED OR COPIED WITHOUT THE WRITTEN AUTHORIZATION OF STAR MACHINE.		