

COMMENTS	ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
	1	26481	1	MOTOR ASM.
	2	25574	4	STANDOFF M-F, 4-40x1/4.3/16 HEX, SS
	3	27785	1	TID BOARD, POPULATED W/O AMP CIRCUIT
	4	29337	3	STANDOFF, M-F, 4-40 X 1/8, SS
	5	29336	1	TID BOARD WIRE INSULATOR
	6	26487	2	O-RING, LED COVER
	7	26483	1	LED COVER
	8	26462	1	END CAP, "J" HANDLE
	9	25573	7	SCREW PHP 4-40 X 3/16 18-8 SS
	10	20534	1	SERIAL/MODEL LABEL
	11	26275	1	HANDLE, PISTOL
	12	26224	1	TRAY, WIRE, PISTOL
	13	26280	1	TOOL CONNECTOR ASM., "J" HANDLE
	14	25745	8	SCREW, BHSC 4-40 STEEL, BLACK OXIDE
	15	27401	4	SCREW, BHSC 10-32 X 1.25, STEEL, BLK OXIDE
	16	26206	6	SCREW, BHSC 10-32 X .375, STEEL
	17	26289	1	SWITCH SUB-ASSEMBLY
NOT SHOWN	18	26526	1	TRIGGER CABLE ASSEMBLY
	19	27974	1	SLIP RING PINION ADAPTOR, CLUTCH
	20	26299	2	O-RING, PINION
	21	29285	6	SCREW, BHSC, 8-32 x .38, TORX HEAD, NYLON PELL-IT, BLK OXIDE
	22	29273	6	SCREW, BHSC, 8-32 X .25, TORX HEAD, NYLON PELL-IT, BLK OXIDE
	23	26488	2	O-RING, MOTOR HOUSING
	24	SEE CHART	1	GEARBOX ASM.
	25	26495	1	GEAR CASE COVER
	26	26319	3	SCREW, BHSC 6-32 X .188, 18-8 SS
	27	26896	1	CHOOSE REACTION BAR
	28	26514	1	RETAINING RING, SPIRAL, Ø2.441 X Ø2.105 X .078
	29	27204	1	O-RING, OUTER CLUTCH PLATE
	30	27972	1	CLUTCH PLATE, SLIP RING INNER
SEE WORK INSTRUCTIONS W2047	31	SEE CHART	1	SLIP RING SET
	32	20909	2	BALL BEARING, .7974 X 1.2598 X .2760 IN
	33	26884	1	BEARING RETAINER, OUTER
	34	26887	1	BEARING RETAINER, INNER
	35	27994	6	DOWEL PIN, Ø.0938 X .1875 LG., STEEL
	36	27993	6	SCREW, FHPM, 2-56X.188, 18-8SS, PLAIN
	37	28174	4	SPRING, COMPRESSION
	38	28000	1	CABLE TIE-MOUNT
	39	24940	1	SCREW, FHSC 4-40 X .25 LG., STEEL, BLACK OXIDE
	40	28276	1	SLIP RING OUTER PLATE SUB-ASM.
	41	20105	4	DETENT BALL
	42	28257	1	CABLE TIE, 1.65MM W X 71MM LG
NOT SHOWN	43	27464	A/R	TWISTED WAXED LINEN TWINE
	44	26239	1	"J" HANDLE PLUG
	45	31410	1	GROUND WIRE ASSEMBLY, 18 AWG, 6000 & 7000 HT SERIES

**NOTE:** SEE WORK INSTRUCTION DOCUMENT "W2047" FOR COMPLETE SLIP RING ASSEMBLY INSTRUCTIONS.

MODEL NO.	GEAR BOX ASM.	SLIP RING SET
AEP4B66250BR	28658	27981.005
AEP4B66425BR	28798	27981.006
AEP4B66625BR	28108	27981.007
AEP4B66925BR	28109	27981.008

- ASSEMBLY INSTRUCTIONS**
- 1) GEARS & SPLINES: LUBRICATE WITH DOW CORNING MOLYKOTE BR2 PLUS GREASE.
  - 2) BEARINGS: LUBRICATE WITH CHEVRON SR1 GREASE
  - 3) O-RINGS: LUBRICATE WITH O-RING LUBE

**DETAIL A**  
SCALE 1 : 1



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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL
<b>REVISION BLOCK</b>				

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES**  
DIMENSIONS AND TOLERANCING PER ANSI Y14.5 SURFACE ROUGHNESS PER ANSI Y14.36

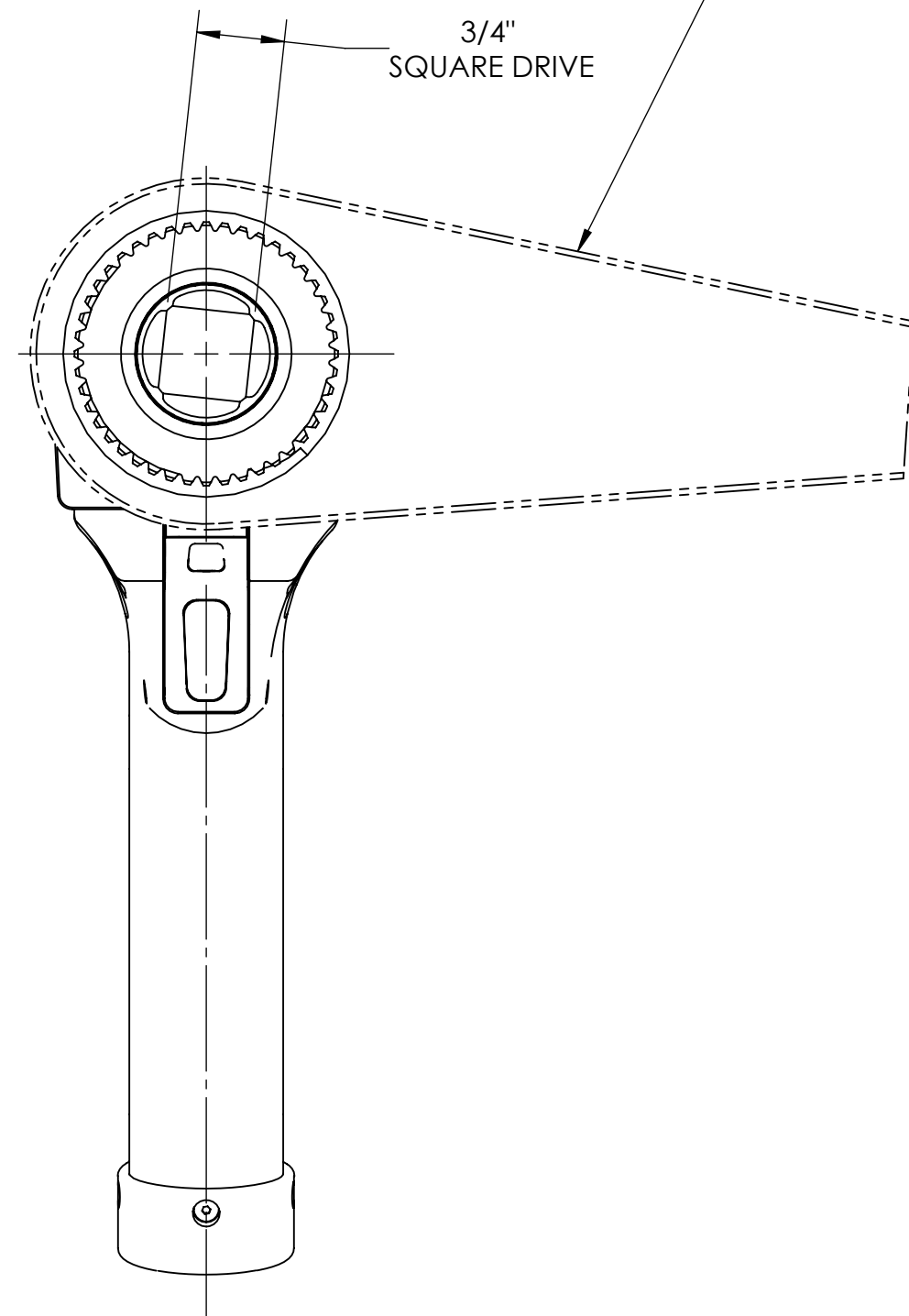
**BLOCK TOLERANCING PER DECIMAL:**  
X = ±.030 XX = ±.010 XXX = ±.005 XXXX = ±.0005 ANGLE = 0°/30°

REMOVE BURRS AND SHARP EDGES: R.015 MAX MACHINE SURFACE FINISH: 125 RMS OR BETTER

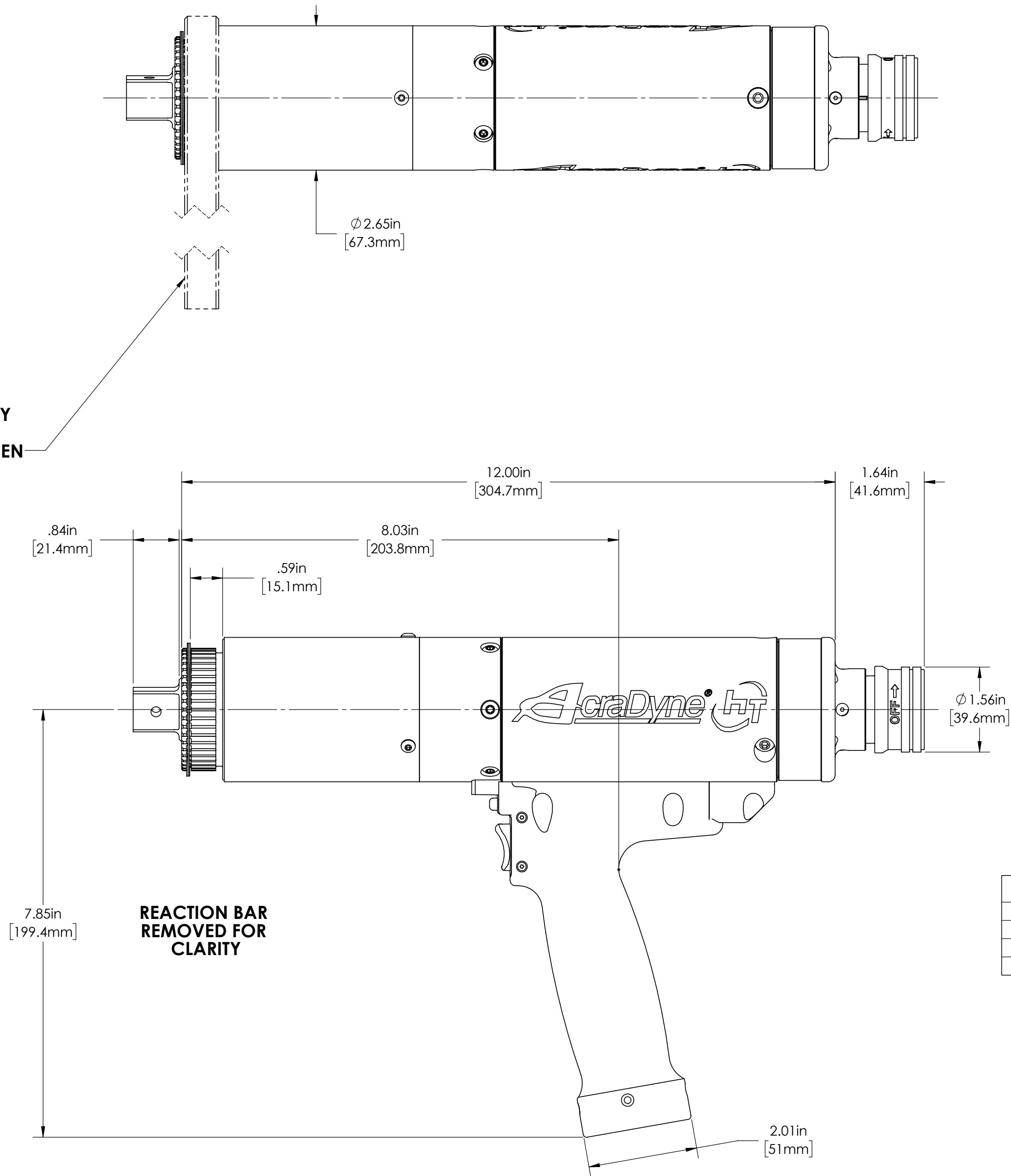
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ACRADYNE MECHANICAL ENGINEERING

**PISTOL NUTRUNNER REAR EXIT W/SLIP RING CLUTCH 6000 SERIES**

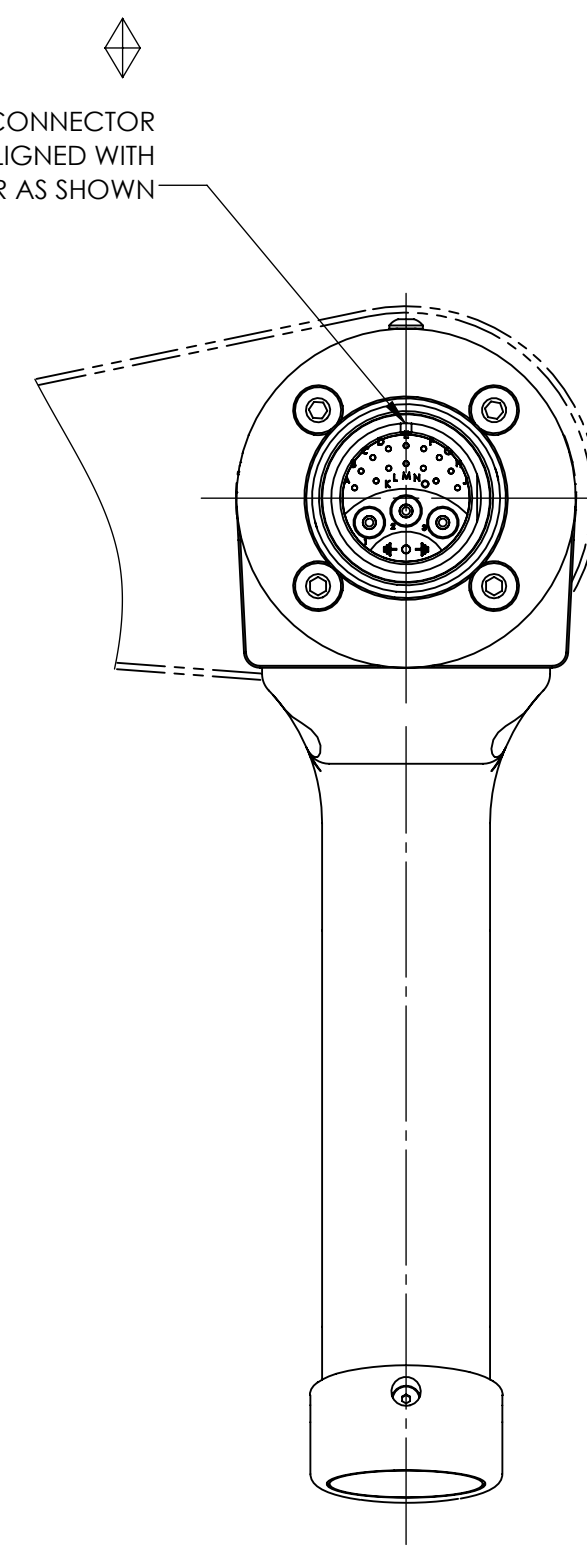
SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEP4B66__BR</b>	<b>B</b>
SCALE 1:2	DO NOT SCALE DRAWING	SHEET 1 OF 2



NOTE:  
REACTION BAR GEOMETRY  
TO CHANGE DEPENDING  
ON REACTION BAR CHOSEN



POSITION TOOL CONNECTOR  
KEYWAY ALIGNED WITH  
TOOL TRIGGER AS SHOWN



<b>MODEL NO.</b>
AEP4B66250BR
AEP4B66425BR
AEP4B6625BR
AEP4B66925BR



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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES**  
DIMENSIONS AND TOLERANCING PER ANSI Y14.5  
SURFACE ROUGHNESS PER ANSI Y14.36

**BLOCK TOLERANCING PER DECIMAL:**  
X = ±.030 XX = ±.010 XXX = ±.005 XXXX = ±.0005  
ANGLE = ±0° 30'

REMOVE BURRS AND SHARP EDGES: R.015 MAX  
MACHINE SURFACE FINISH: 125 RMS OR BETTER

**DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:**  
ACRADYNE MECHANICAL ENGINEERING

**PISTOL NUTRUNNER  
REAR EXIT  
W/SLIP RING CLUTCH  
6000 SERIES**

SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEP4B66__BR</b>	<b>B</b>

SCALE 1:1 DO NOT SCALE DRAWING SHEET 2 OF 2

REVISION BLOCK