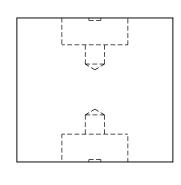
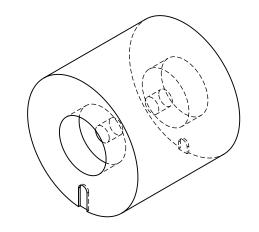
## ALTRONIC

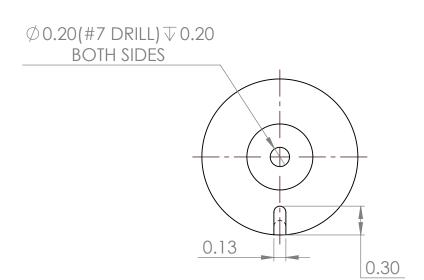
## **Service Tools - Self-Powered Ignition Systems**

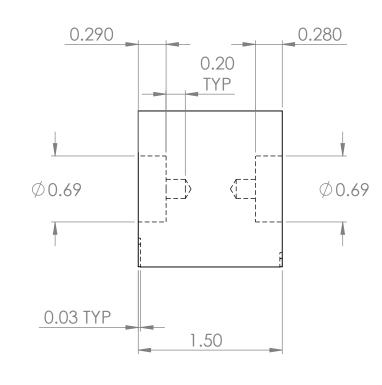
**Service Tools 5-25** 

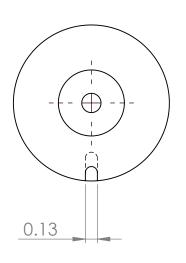
PART NO.	DESCRIPTION	SYSTEM
506022	Press distributor-rotor on bearing-shaft	Altronic III-NG
506101A	Press bearing-shaft into housing	Altronic I, III, III-NG, V, V-NG
506101B	Support main housing	Altronic I, V, V-NG
506101C	Support back cover	Altronic III, III-NG
506102B	Support bearing-shaft	Altronic I, V, V-NG
506102C	Press magnet-rotor on bearing-shaft	Altronic I, V, V-NG
506103A	Press bearing into back cover housing	Altronic V, V-NG
506103B	Support back cover housing	Altronic V, V-NG
506104A	Press shaft-rotor into front housing bearing	Altronic III, III-NG
506104A	Press shaft into back cover bearing	Altronic V, V-NG
506104B	Support back cover bearing	Altronic V, V-NG
506104C	Support front housing bearing	Altronic III, III-NG
506104D	Press gear-end bearing on shaft-rotor	Altronic III, III-NG
3061040	Press timer arm on back cover bearing-shaft	Altronic III
506104E	Support back cover bearing-shaft	Altronic III, III-NG
506105A	Press bearing into front housing	Altronic III, III-NG
506105B – pg. 1	Support front housing	Altropic III III NC
506105B – pg. 2	Support ring	Altronic III, III-NG
506108A	Drive coupling pin off and on	Altronic I, III, III-NG, V, V-NG











NOTES: 1. MATERIAL TO BE C.R.S.

REVISIONS								
REV	DATE	BY	DESCRIPTION	С				
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				n				
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SW

SCALE:

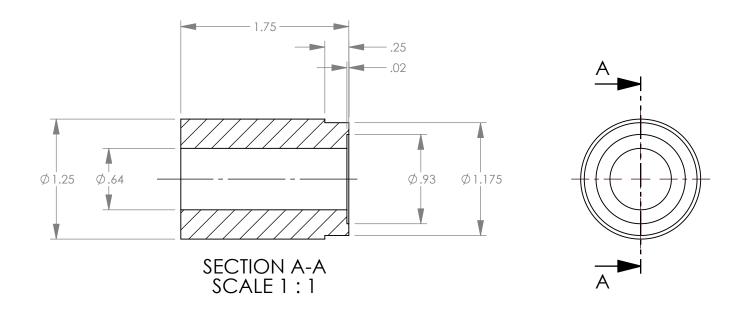
APPROVED BY

TOLERANCES (EXCEPT AS NOTED)

# ALTRONIC

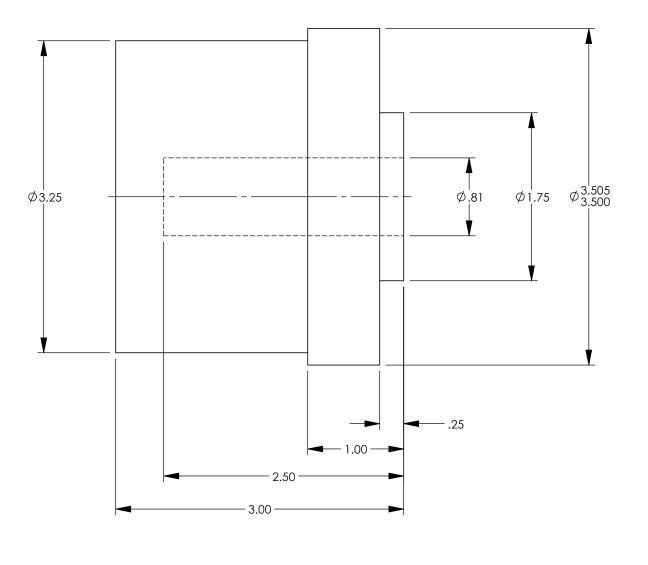
UNITS IN INCHES (EXCEPT AS NOTED)	<i>F</i> \	<u>L</u>	<u> </u>	<u>RO</u>	NIC
INCHES: .xxx = ±.005 .xx = ±.010 MILLIMETERS: .xx = ±.13	TITLE	М	AGNE <sup>-</sup>	T CUP PRES	SS TOOL
.x = ±.3	DRAWN BY	DAM	DATE	10-09-24	DRAWING NUMBER
SCALE: 1:1	CHECKED BY		DATE		506 022

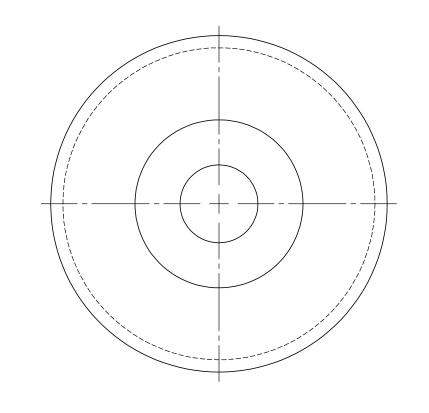
DATE



- 1. MAKE FROM: 810074.
- 2. DEBURR ALL SHARP EDGES.

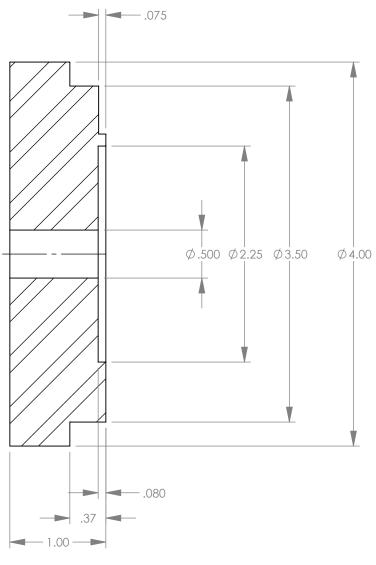
REV	DATE	BY	DESCRIPTION	CONFIDENTIAL - Copyright Altronic, LLC	TOLERANCES (EXCEPT AS NOTED)	Altronic				
1	10-13-17	WTP	ECN 170099	All rights reserved. May not be copied in whole	DECIMAL: .xxx = ±.005	TITLE	BEARING SHAFT PRES (ALTRONIC I, III,			
				or in part without prior written permission from Altronic, LLC.	.xx = ±.010 SCALE: 1:1	DRAWN BY WTP CHECKED BY APPROVED BY	DATE 9-8-86  DATE  DATE	DRAWING NUMBER		





- 1. MAKE FROM: 810138
- 2. DEBURR ALL SHARP EDGES.

				REVISIONS	CONFIDENTIAL -	TOLERANCES	٨١	Altronic	
F	REV	DATE	BY	DESCRIPTION	Copyright Altronic, LLC	(EXCEPT AS NOTED)	Aitionic		Solidworks
	1	10-9-17	WTP	ECN 170099	All rights reserved. May not be copied in whole	DECIMAL: .xxx = ±.005	TITLE	HOUSING SUPPOR (ALTRONIC I &	
					or in part without prior written permission from	.xx = ±.010	DRAWN BY WTP	DATE 9-10-86	DRAWING NUMBER
					Altronic, LLC.	SCALE: 1:1	CHECKED BY	DATE	506 101B
						1.1	APPROVED BY	DATE	000 1015

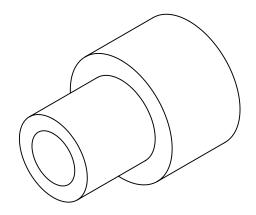


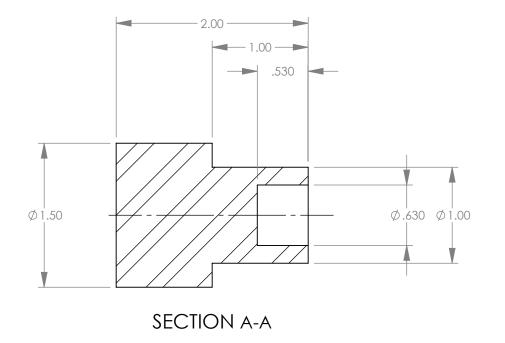
1.25  $\emptyset.500 \ \emptyset 2.25 \ \emptyset 3.50 \ \emptyset 4.00$ 

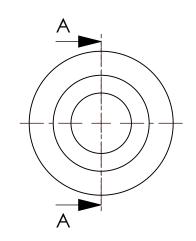
SECTION A-A

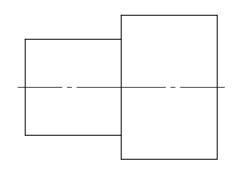
- 1. MAKE FROM: 810137.
- 2. DEBURR ALL SHARP EDGES.

REV	DATE	BY	REVISIONS  DESCRIPTION	CONFIDENTIAL - Copyright Altronic, LLC	TOLERANCES (EXCEPT AS NOTED)	A	Drawn in Solidworks	
1	10-12-17	WTP	ECN 170099	All rights reserved. May not be copied in whole	$.xxx = \pm .005$	TITLE	SUPPORT COV (ALTRONIC II	
				or in part without prior written permission from Altronic, LLC.	.xx = ±.010 SCALE: 1:1	DRAWN BY WTP CHECKED BY APPROVED BY	DATE 9-10-86  DATE  DATE	DRAWING NUMBER



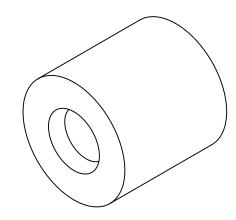


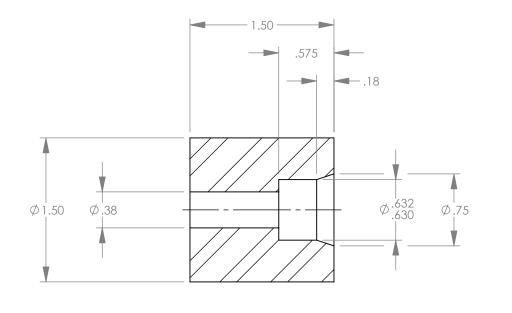


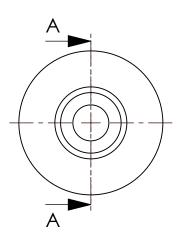


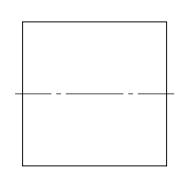
- 1. MAKE FROM 810139.
- 2. DEBURR ALL SHARP EDGES.

REV	DATE	ВҮ	<b>REVISIONS</b> DESCRIPTION	CONFIDENTIAL - Copyright Altronic, LLC	TOLERANCES (EXCEPT AS NOTED)	А	Drawn in Solidworks	
1	1-23-18	WTP	ECN 180011; REDRAWN IN SOLIDWORKS	All rights reserved. May not be copied in whole	$.xxx = \pm .005$	TITLE SHAFT SUPPORT TOOL ALTRONIC I & V		
				or in part without prior written permission from Altronic, LLC.	.xx = ±.010 SCALE: 1:1	DRAWN BY WTP CHECKED BY APPROVED BY	DATE 9-10-86  DATE  DATE	DRAWING NUMBER 506 102B





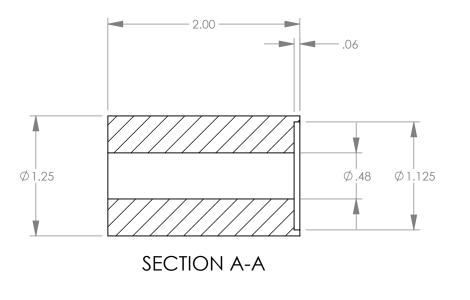


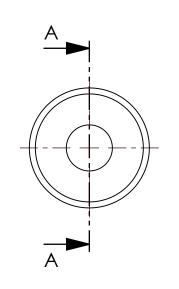


SECTION A-A

- 1. MAKE FROM 810139.
- 2. DEBURR ALL SHARP EDGES.

			REVISIONS	CONFIDENTIAL -	TOLERANCES	Λ	Drawn in	
REV	DATE	BY	DESCRIPTION	Copyright Altronic, LLC	(EXCEPT AS NOTED)	A	Itronic	Solidworks
1	1-23-18	WTP	ECN 180011; REDRAWN IN SOLIDWORKS	All rights reserved. May not be copied in whole	$.xxx = \pm .005$	TITLE	TOOL /	
				or in part without prior written permission from Altronic, LLC.	.xx = ±.010	DRAWN BY WTP CHECKED BY	DATE 9-10-86 DATE	DRAWING NUMBER
					1:1	APPROVED BY	DATE	506 102C

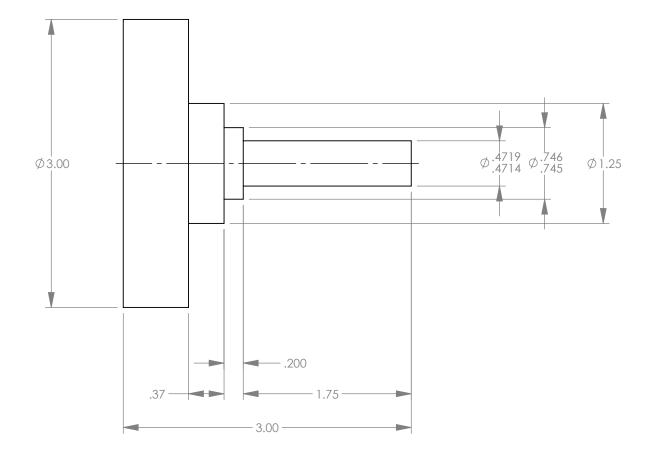


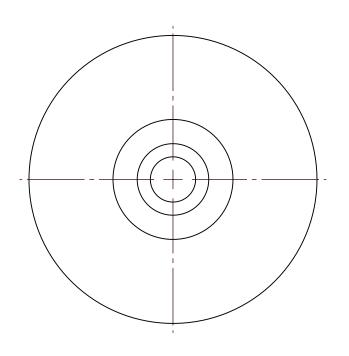


- 1. MAKE FROM: 810074.
- 2. DEBURR ALL SHARP EDGES.

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CONFIDENTIAL - Copyright Altronic, LLC	DESCRIPTION	BY	DATE	REV				
All rights reserved. May	ECN 170099	WTP	10-13-17	1				
not be copied in whole								
or in part without prior								
written permission from								
Altronic, LLC.								

1	TOLERANCES (EXCEPT AS NOTED)		Drawn in Solidwork				
	DECIMAL: .xxx = ±.005	TITLE		DISTR	RIBUTOR BEARI (ALTRONIC		OL
	$.xx = \pm .010$	DRAWN BY	WTP	DATE	9-10-86	DRA	WING NUMBER
ı	SCALE:	CHECKED BY		DATE			
	1:1	APPROVED BY	•	DATE		30	06 103A

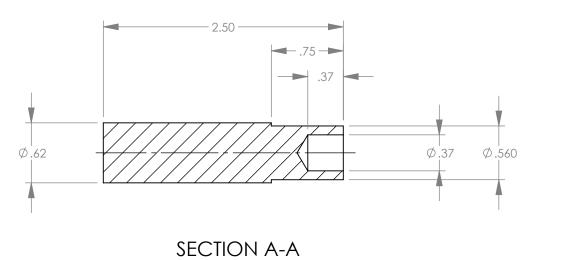


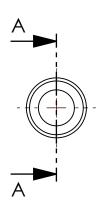


- 1. MAKE FROM: 810138.
- 2. DEBURR ALL SHARP EDGES.

			REVISIONS	CONFIDENTIAL	TOLERANCES	
REV	DATE	BY	DESCRIPTION	CONFIDENTIAL - Copyright Altronic, LLC	(EXCEPT AS NOTED)	
1	10-12-17	WTP	ECN 170099	All rights reserved. May	DECIMAL:	TI
				not be copied in whole	$.xxx = \pm .005$	
				or in part without prior written permission from	$.xx = \pm .010$	DR
				Altronic, LLC.	SCALE:	СН
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	TOLERANCES (EXCEPT AS NOTED)	А	Drawn in Solidwork			
′	DECIMAL: .xxx = ±.005	TITLE	COVER SUPPORT (ALTRONIC V			
	$.xx = \pm .010$	DRAWN BY WTP	DATE 8-8-86	DRA	WING NUMBER	
ı	SCALE:	CHECKED BY	DATE	506 1031		
	1:1	APPROVED BY	DATE	ال	300 1030	





- 1. MAKE FROM: 810140.
- 2. DEBURR ALL SHARP EDGES.
- 3. ALTRONIC III: PRESS ROTOR SHAFT INTO BEARING. ALTRONIC V: PRESS SHAFT INTO COVER BEARING.

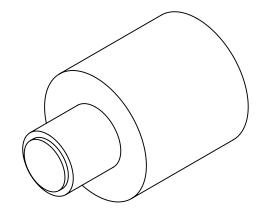
			REVISIONS	CONFIDENTIAL	TOLERANCES	
REV	DATE	BY	DESCRIPTION	CONFIDENTIAL - Copyright Altronic, LLC	(EXCEPT AS NOTED)	
1	11-7-17	WTP	ECN 170099	All rights reserved. May	DECIMAL:	TITL
2	1-19-18	WTP	ECN 180002	not be copied in whole	$.xxx = \pm .005$	
				or in part without prior written permission from	$.xx = \pm .010$	DRAW
				Altronic, LLC.	SCALE:	CHECK
				1	1:1	APPRO

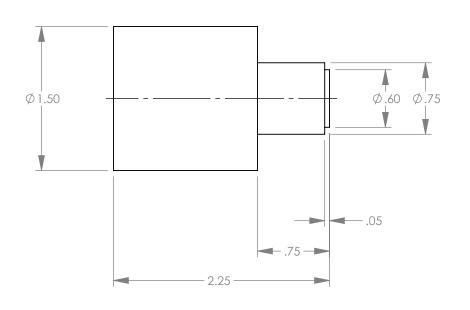
TOLERANCES (EXCEPT AS NOTED)		Al		Drawn in Solidworks		
DECIMAL: .xxx = ±.005	TITLE			HAFT TOOL TRONIC III, V)		
.xx = ±.010	DRAWN BY	WTP	DATE	9-8-86	DRA	WING NUMBER
SCALE:	CHECKED BY		DATE			7/10//
1:1	APPROVED BY	,	DATE		50	06 104A

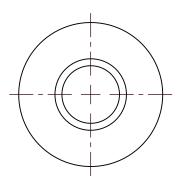
Drawn in Solidworks

DRAWING NUMBER

506 104B

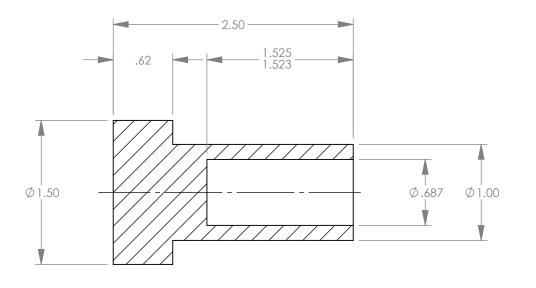


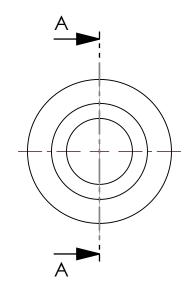




- 1. MAKE FROM 810139.
- 2. DEBURR ALL SHARP EDGES.

			REVISIONS	CONFIDENTIAL -	TOLERANCES		٨١	ltror	aic		Ord
REV	DATE	BY	DESCRIPTION	Copyright Altronic, LLC	(EXCEPT AS NOTED)		A	ıtı Oı	110	Sc	oli
1	1-23-18	WTP	ECN 180011; REDRAWN IN SOLIDWORKS	All rights reserved. May not be copied in whole	DECIMAL: .xxx = ±.005	TITLE		COVER	BEARING SUP ALTRONIC '		L
				or in part without prior written permission from	.xx = ±.010	DRAWN BY	WTP	DATE	9-10-86	DRAWIN	٧G
				Altronic, LLC.	1:1	APPROVED B		DATE		506	, 1

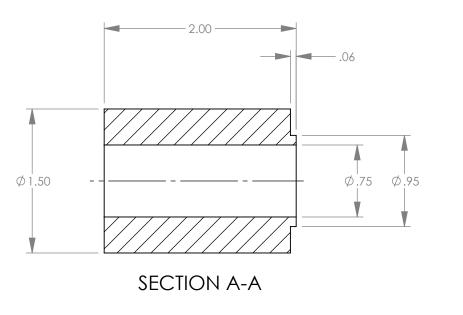


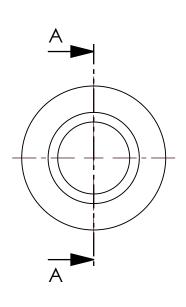


SECTION A-A

- 1. MAKE FROM: 810139.
- 2. DEBURR ALL SHARP EDGES.

l				REVISIONS	CONFIDENTIAL -	TOLERANCES		Altro	nic		Drawn in
	REV	DATE	BY	DESCRIPTION	Copyright Altronic, LLC	(EXCEPT AS NOTED)		Aitio	IIIC		Solidworks
ı	1	11-7-17	WTP	ECN 170099	All rights reserved. May	DECIMAL:	TITLE		JPPORT FRONT		
ı	2	1-19-18	WTP	ECN 180002	not be copied in whole	$.xxx = \pm .005$ $.xx = \pm .010$		BEA	RING TOOL (A	ALTRONIC	III)
ı					or in part without prior written permission from		DRAWN BY W1	P DATE	9-9-86	DRAV	WING NUMBER
ı					Altronic, LLC.	SCALE:	CHECKED BY	DATE		50	6 104C
ı						1:1	APPROVED BY	DATE		50	0 1040





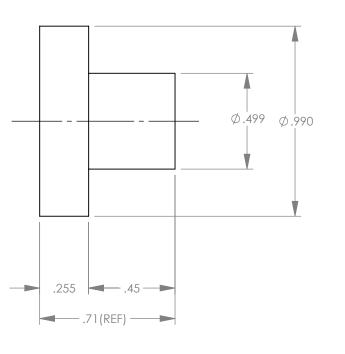
- 1. MAKE FROM: 810139.
- 2. DEBURR ALL SHARP EDGES.
- 3. ALTRONIC II & III: PRESS GEAR-END BEARING ON SHAFT. ALTRONIC III: PRESS GEAR BUSHING ON SHAFT.

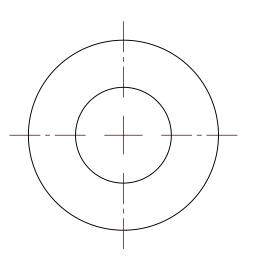
-	)E) (	DATE		REVISIONS	CONFIDENTIAL -	TOLERANCES (EXCEPT AS NOTED)		A	ltror	nic		Drawn in Solidworks
	REV	DATE	BY	DESCRIPTION	Copyright Altronic, LLC	(EXCELLAS NOTED)						30110440173
	1	10-12-17	WTP	ECN 170099	All rights reserved. May	DECIMAL:	TITLE		PRES	S GEAR-END	BEARIN	IG/
					not be copied in whole	$.xxx = \pm .005$		GEAR B	USHING	ON SHAFT TO	OL (AL	TRONIC II & III)
					or in part without prior	$.xx = \pm .010$	DRAWN BY	DED	DATE	0.007		
					written permission from		DIV WIN DI	DEB	DATE	9-9-86	DRA	AWING NUMBER
					Altronic, LLC.	SCALE:	CHECKED BY		DATE		5	06 104D
						1:1	APPROVED B	Υ	DATE		J(	00 10 <del>4</del> D

Drawn in Solidworks

DRAWING NUMBER

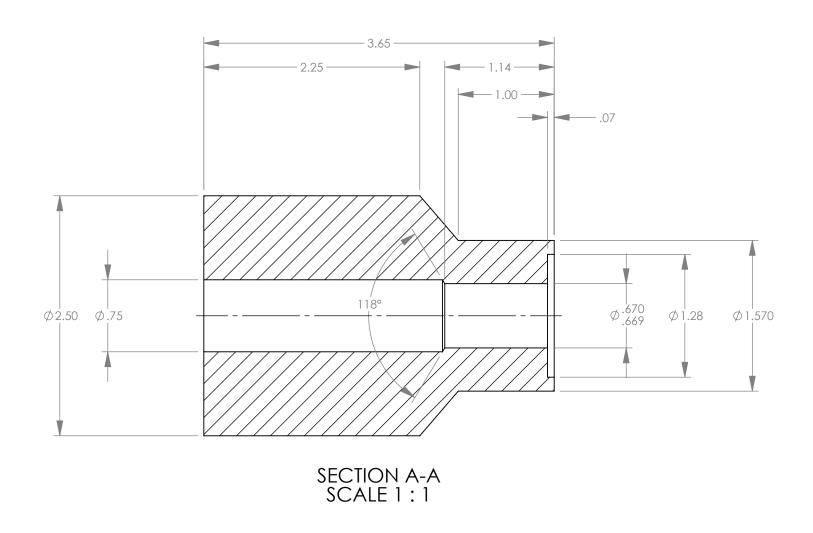
506 104E

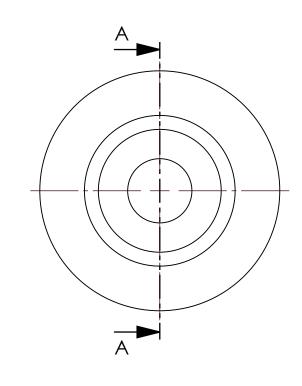




- 1. MAKE FROM: 810141.
- 2. DEBURR ALL SHARP EDGES.
- 3. INSERT FIG. 2 (  $\phi$  .499) INTO FIG. 1 (  $\phi$  .500) TO COMPLETE SHAFT SUPPORT FIXTURE.

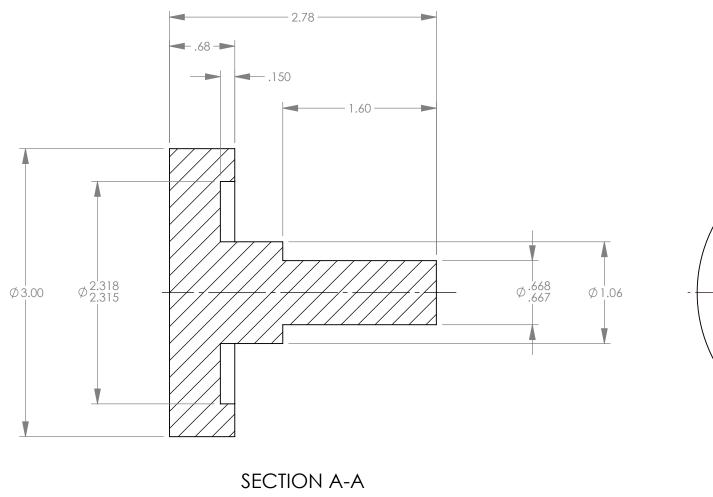
			REVISIONS	CONFIDENTIAL	TOLERANCES		٨١	ltronic		
REV	DATE	BY	DESCRIPTION	CONFIDENTIAL - Copyright Altronic, LLC	(EXCEPT AS NOTED)		A	itionic		3
1	10-12-17	WTP	ECN 170099	All rights reserved. May not be copied in whole		TITLE		SUPPORT BEARING (ALTRONIC		
				or in part without prior	$.xxx = \pm .005$ $.xx = \pm .010$	DRAWN BY	WTP	DATE 9-9-86	DRA	١W
				written permission from Altronic, LLC.	SCALE:	CHECKED BY		DATE	50	
					1:1	APPROVED BY		DATE		U

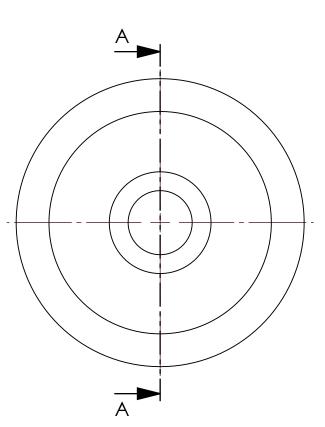


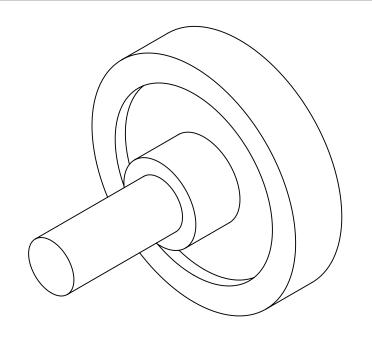


- 1. MAKE FROM: 810072.
- 2. DEBURR ALL SHARP EDGES.

			REVISIONS	CONFIDENTIAL -	TOLERANCES		ΛI	tror	nic		Drawn in
REV	DATE	BY	DESCRIPTION	Confidential - Copyright Altronic, LLC	(EXCEPT AS NOTED)		Λı	uoi	110		Solidworks
1	2-12-97	WTP	ECN 970011	All rights reserved. May		TITLE	F	RESS BE	ARING INTO		
2	10-13-17	WTP	ECN 170099	not be copied in whole	$.xxx = \pm .005$ $.xx = \pm .010$		FRONT H	DUSING	tool (altro	NIC III)	
				or in part without prior written permission from		DRAWN BY	DEB	DATE	9-9-86	DRA	AWING NUMBER
				Altronic, LLC.	SCALE:	CHECKED BY		DATE		5	06 105A
					1:1	APPROVED B	Y	DATE		J	00 100/1

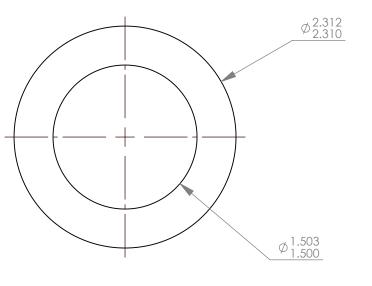


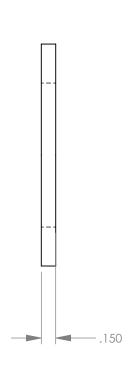




- 1. MAKE FROM 810138 + 810072.
- 2. DEBURR ALL SHARP EDGES.

			REVISIONS	CONFIDENTIAL -	TOLERANCES		٨١	tron	nic	Drawn in		
REV	DATE	BY	DESCRIPTION	Copyright Altronic, LLC	(EXCEPT AS NOTED)			uon		Solidworks		
1	10-9-17	WTP	ECN 170099	All rights reserved. May	DECIMAL:	TITLE		Solidworks  SUPPORT FRONT HOUSING TOOL (ALTRONIC III)				
				not be copied in whole	$.xxx = \pm .005$ $.xx = \pm .010$				(ALTRONIC	III)		
				or in part without prior written permission from		DRAWN BY	DEB	DATE	9-9-86	DRAWING NUMBER		
				Altronic, LLC.	SCALE:	CHECKED BY		DATE		504 105B		
					1:1	APPROVED BY	•	DATE		300 1035		

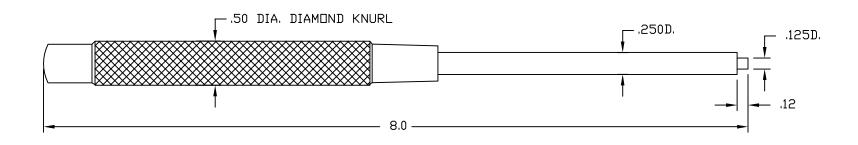




- 1. MAKE FROM 810138 + 810072.
- 2. DEBURR ALL SHARP EDGES.

REV	DATE	BY	REVISIONS  DESCRIPTION	CONFIDENTIAL - Copyright Altronic, LLC	TOLERANCES (EXCEPT AS NOTED)	Al	tronic	Drawn in Solidworks
1	10-9-17	WTP	ECN 170099	All rights reserved. May not be copied in whole	DECIMAL: .xxx = ±.005 .xx = ±.010	TITLE	Support ring t (altronic II	
				or in part without prior written permission from Altronic, LLC.		DRAWN BY DEB CHECKED BY APPROVED BY	DATE 9-9-86  DATE  DATE	DRAWING NUMBER 506 105B

### DRIVE PIN ON AND OFF



MADE FROM - 615 635

			REVISIONS	TOLERANCES	_	\	SUNIC	INC				
N□.	DATE	BY	DESCRIPTION	(EXCEPT AS NOTED)	ALTRONIC INC.							
1	02-06-18	GET	ECN 180014	DECIMAL .XXX - ±.005	TITLE DRIVE PIN ON AND OFF TOOL							
2					DKI	V L I	III LIII AIV.	ווט ע				
3				FRACTIONAL	DRAWN BY DE	B SCA	<sup>LE</sup> FULL	PART NUM	MBER			
4				MATERIAL	CHECKED BY	DAT	9-10-86	] 506	1027			
5					APPROVED BY				100H			