

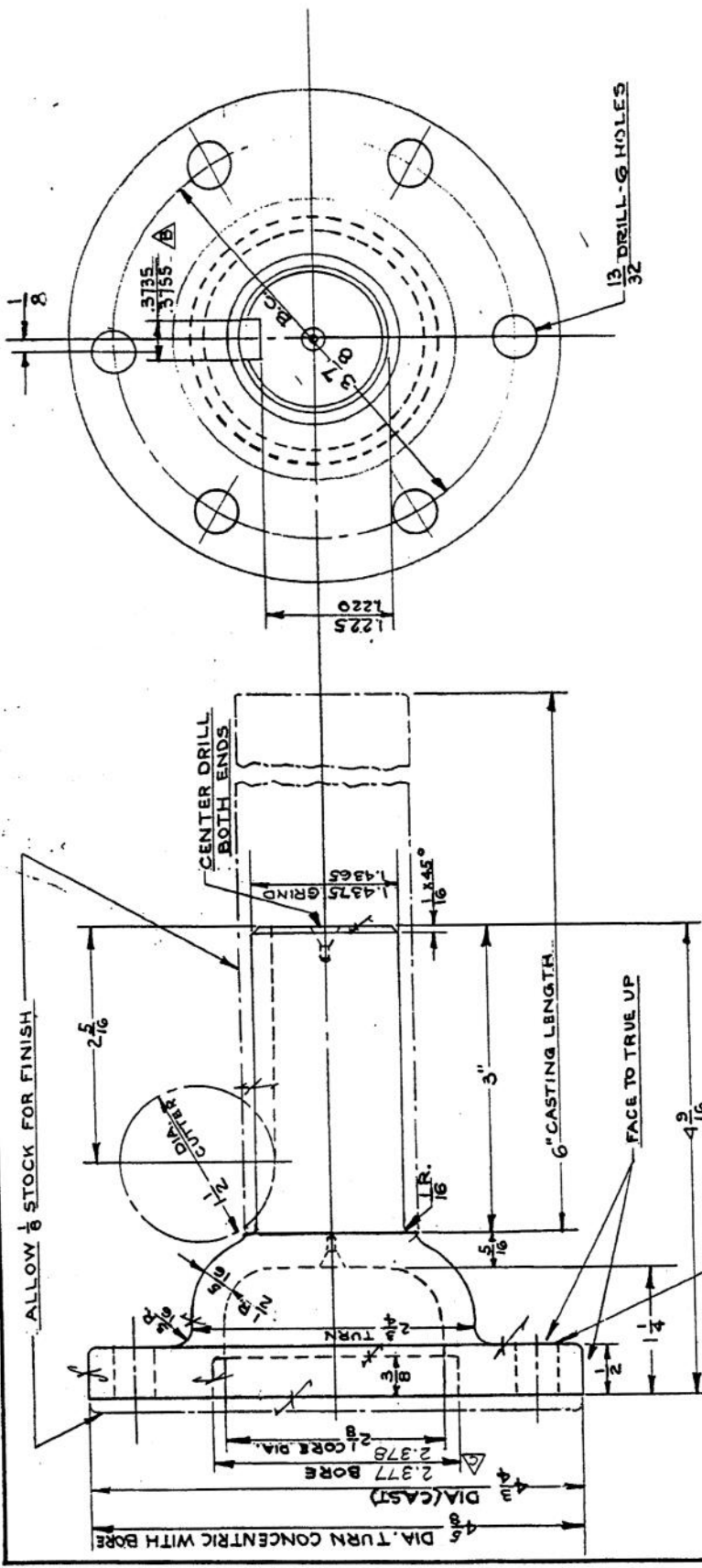
# EXTENSION ASSEMBLIES

## Stub Shaft and Crankshaft

UC60-4	VE4D, VF4D, VH4D, W41770	UC94F24	THD, TJD
UC60-5	VF4D, VH4D	UC94F30	THD, TJD
UC60-11	VH4D	UC94F31	TJD
UC60-14	VH4D	UC128	AGND, TJD
UC60-22	VH4D	UC205	W2-1230, W2-1235, W2-1250
UC60-23	VE4D, VF4D, VH4D	UC205-1	W2-1230, W2-1235, W2-1250
UC60-24	VH4D, W41770	UC205-2	W2-1230, W2-1235, W2-1250
UC60-25	VH4D, W41770	UC205-3	W2-1230, W2-1235, W2-1250
UC84	VG4D	UC205-4	W2-1230, W2-1235, W2-1250
UC84-1	VG4D	UC205-5	W2-1230, W2-1235, W2-1250
UC84-11	V461D, V465D	UC205-6	W2-1230, W2-1235, W2-1250
UC84-13	V461D, V465D	UC205-7	W2-1230, W2-1235, W2-1250
UC84-14	VG4D	UC205-8	W2-1230, W2-1235, W2-1250
UC84C	V461D, V465D	UC205-9	W2-1230, W2-1235, W2-1250
UC86-16	ACN	UC205-10	W2-1230, W2-1235, W2-1250
UC86-26	ACN, BKN	UC205-11	W2-1230, W2-1235, W2-1250
UC94F	AGND, THD, TJD	UC206	W2-1230, W2-1235, W2-1250
UC94F13	THD	UC206-1	W2-1230, W2-1235, W2-1250
UC94F18	AGND, THD, TJD	UC206-2	W2-1230, W2-1235, W2-1250
UC94F23	AGND, THD, TJD	UC206-3	W2-1230, W2-1235, W2-1250

UCA100 ASSEMBLY INCLUDES: UC60-4  
UCA111 ASSEMBLY INCLUDES: UC205  
UCA112 ASSEMBLY INCLUDES: UC206  
UCA114 ASSEMBLY INCLUDES: UC205-1  
UCA115 ASSEMBLY INCLUDES: UC205-2  
UCA116 ASSEMBLY INCLUDES: UC206-1  
UCA117 ASSEMBLY INCLUDES: UC205-4  
UCA118 ASSEMBLY INCLUDES: UC205-6

UCA119 ASSEMBLY INCLUDES: UC206-2  
UCA122 ASSEMBLY INCLUDES: UC205-8  
UCA123 ASSEMBLY INCLUDES: UC205-9  
UCA124 ASSEMBLY INCLUDES: UC205-10  
UCA125 ASSEMBLY INCLUDES: UC206-3  
UCA126 ASSEMBLY INCLUDES: UC84-11  
UCA127 ASSEMBLY INCLUDES: UC205-11



D	NOTE ADDED	ER1977	9-23	GIW
D	MAKE FROM UC-60 OR UC-60 WAS MALLEABLE IRON XUC-60	↓	↓	↓
A	WAS 2.375/2.376	23462	1/26	048.
A	3735-3755 HAS 374-375	20904A	8/4	W.H.H.
A	NOTE ADDED	19080	11-28	95
BY	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY

**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE OFF STUB SHAFT (FAN END)  
 MAT. MAKE FROM UC-60 OR XUC-60  
 DRAWN 7-19-44 W.R.T.  
 TRACED  
 CHECKED

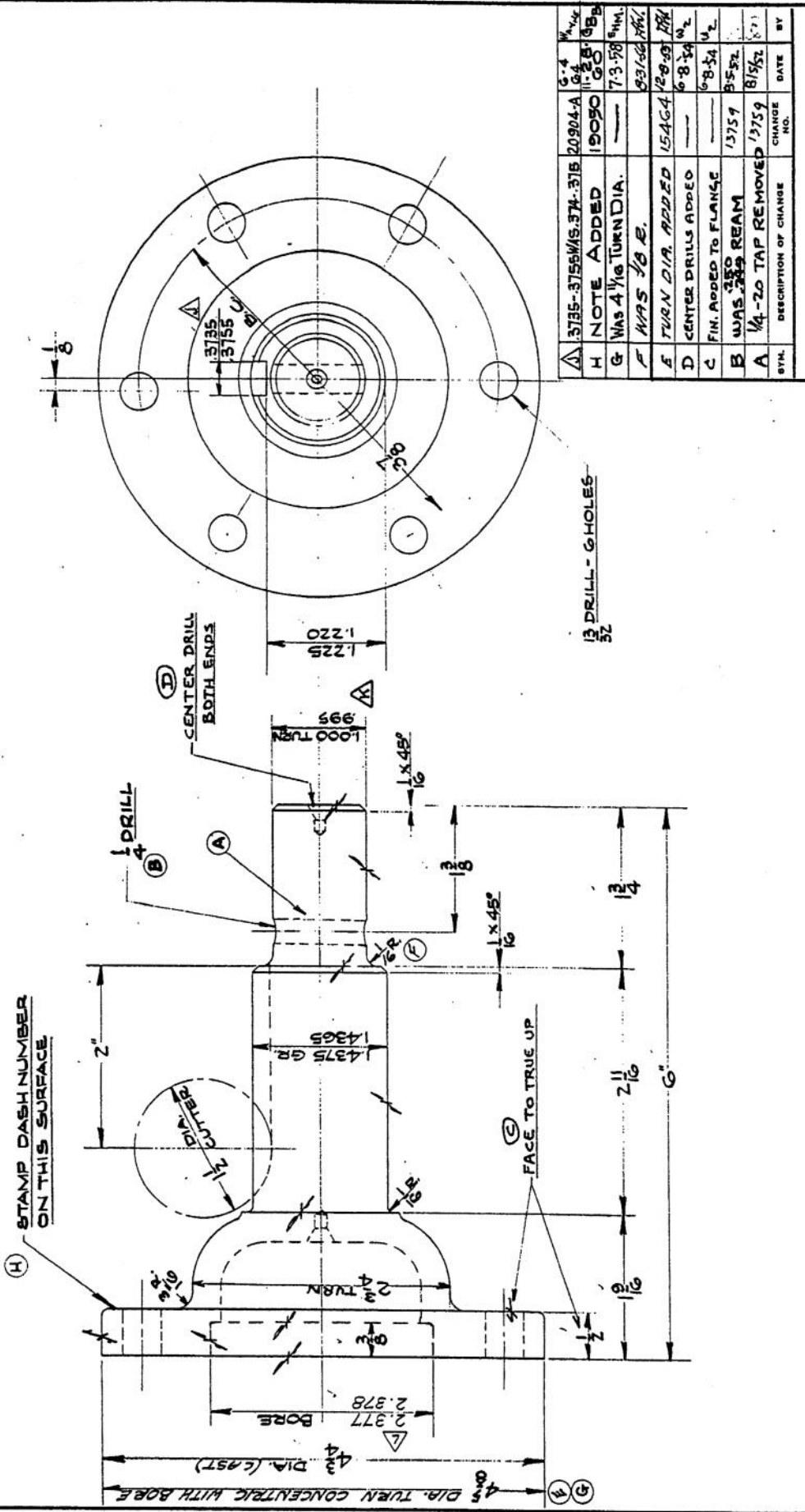
**UC-60-4**

Ⓢ NOTES:  
 FOR ALL OTHER DIMENSIONS  
 SEE UC-60.

Ⓢ STAMP DASH NUMBER  
 ON THIS SURFACE

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USED ON	TYPE	NO.	PCS.
VH4	1		
VF9	1		
VE4	1		
VD9	1		
SK-64C			



SYL.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	3755-3755W/S. 374-375	20904-A	6-4	W.H.C.
H	NOTE ADDED	19090	11-28	W.H.C.
G	Was 4 1/16 TURN DIA.		7-3-58	W.H.C.
F	WAS 3/8 E.		9-3-60	W.H.C.
E	TURN DIA. ADDED	15464	12-8-63	W.H.C.
D	CENTER DRILLS ADDED		6-8-54	W.H.C.
C	FIN. ADDED TO FLANGE		6-8-54	W.H.C.
B	WAS 3/8 REAM	13759	3-5-52	W.H.C.
A	1/4-20 TAP REMOVED	13759	8-15-52	W.H.C.

WIS-CON TOTAL POWER CORP.	
NAME TAKE-OFF + CRANK STUB (FAN END)	
MAT. MAKE FROM UC-60 RGH. CASTING	
DRAWN 2-12-52 ECU	PIECE NO.
TRACED	
CHECKED	

WAS 2.375/2.376	23462	1/8	6.4.8
1.000 TURN WAS	1.000	216-5	216-5
.795	.799		

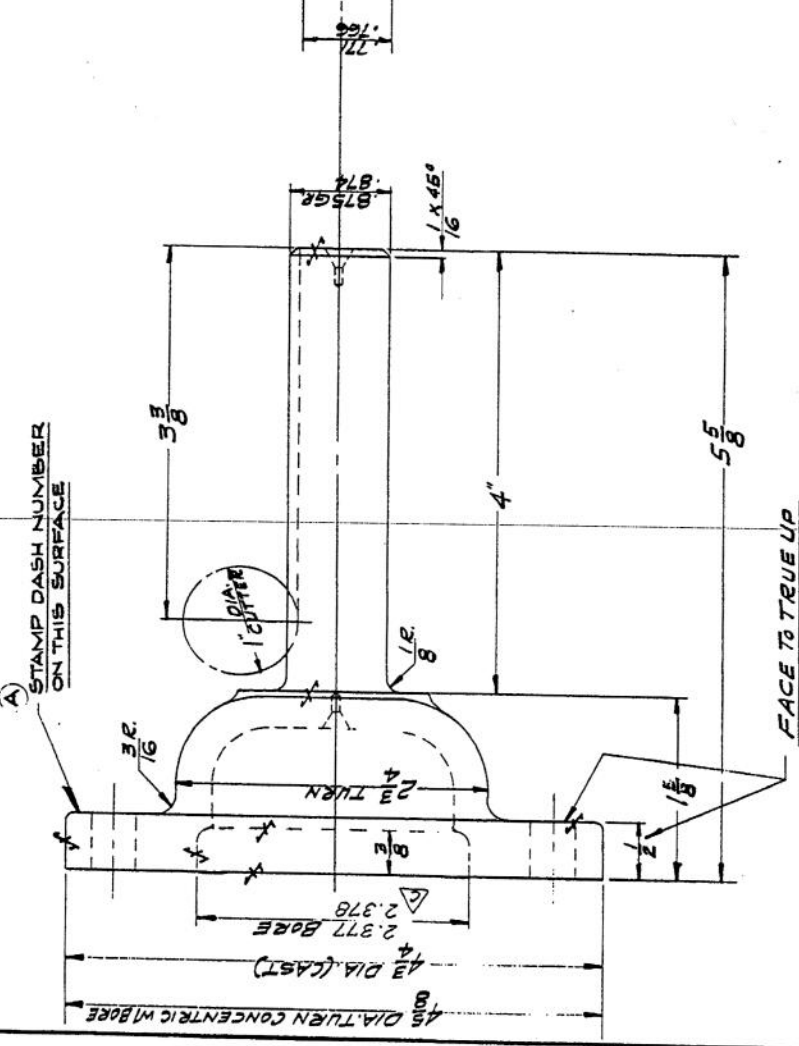
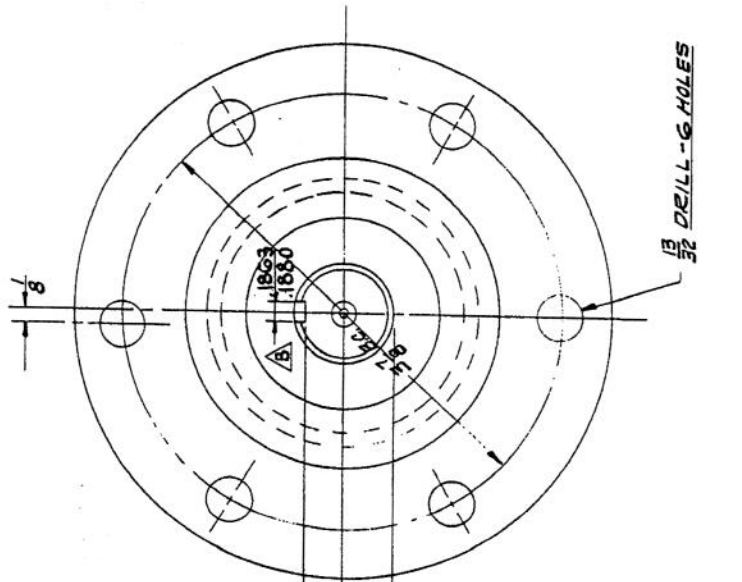
  

SK-646-A	TYPE	NO. PCL
LITTLEFORD	VF4	1
BRD INC.		

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UC-60-5

UC-60-11



SYL	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
C	WAS 2.375 / 2.376	23462	11-26-68	D.C.B.
B	1863-1880 WAS 185-187	20904-A	6-4-68	M.H.G.
A	NOTE ADDED	19080	10-23-58	J.S.B.

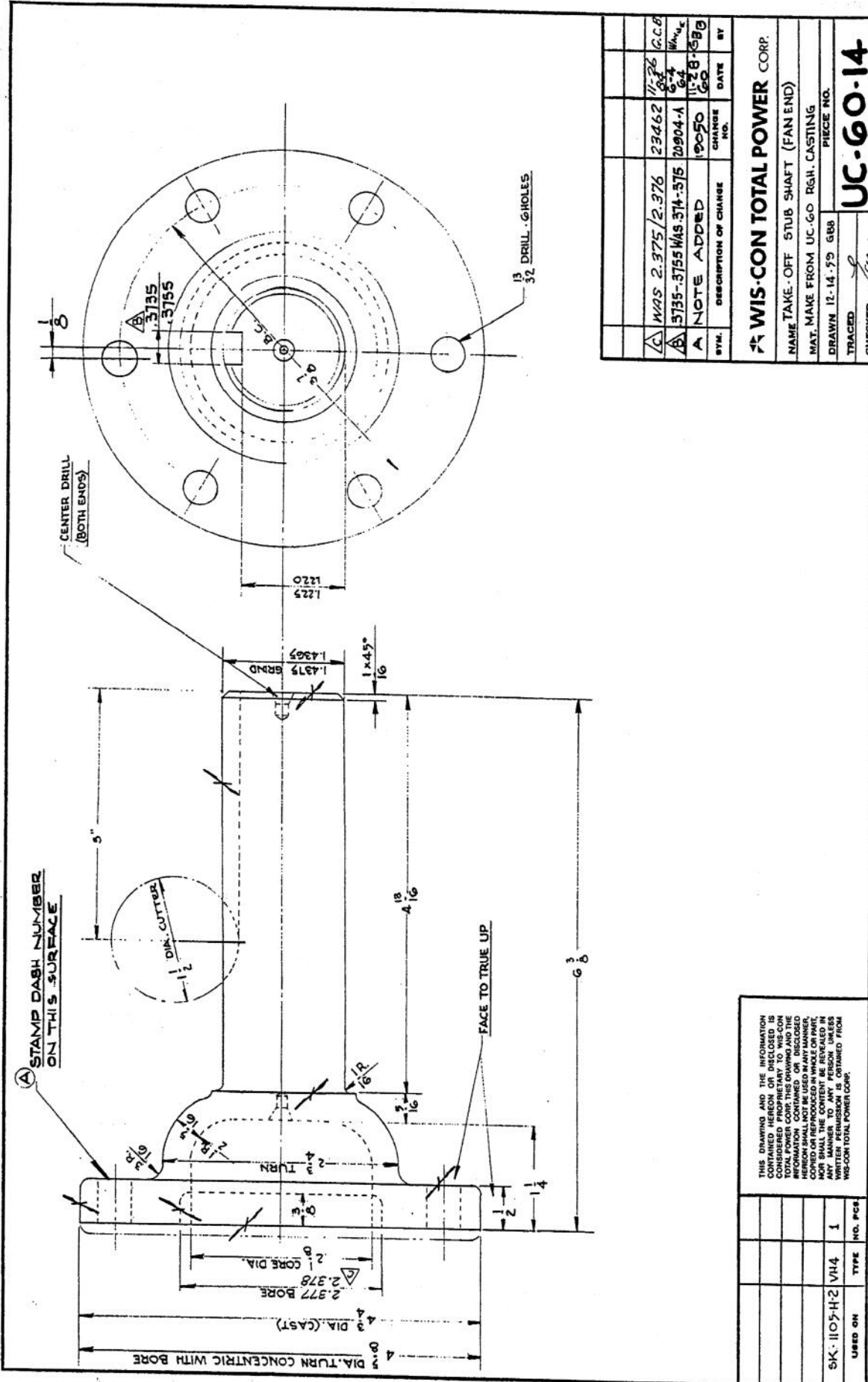
**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE OFF SUB SHAFT (FAN END)  
 MAT. MAKE FROM UC-60 RGH. FORGING  
 DRAWN J.T.S. 11-13-68  
 TRACED \_\_\_\_\_  
 CHECKED \_\_\_\_\_

UC-60-11

6-2-80  
 vtbl

USED ON	TYPE	NO. PCB
SK-696-D	VHA	1

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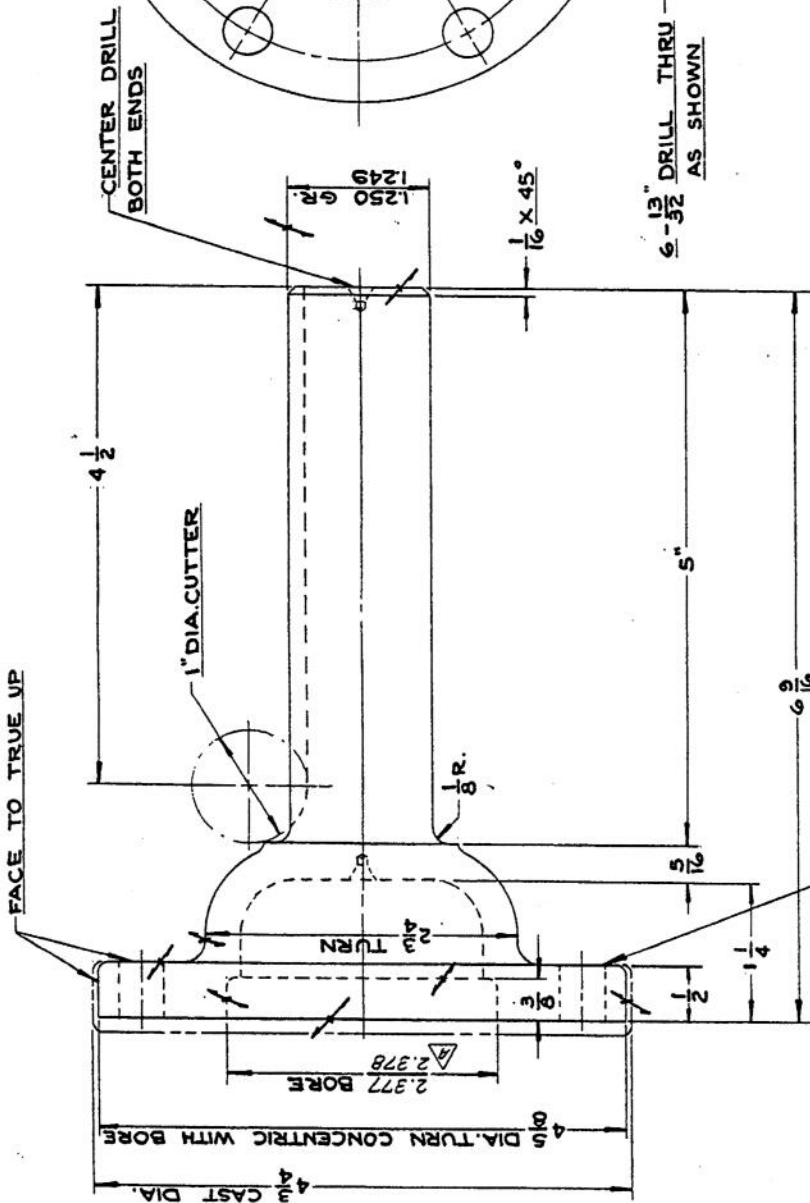
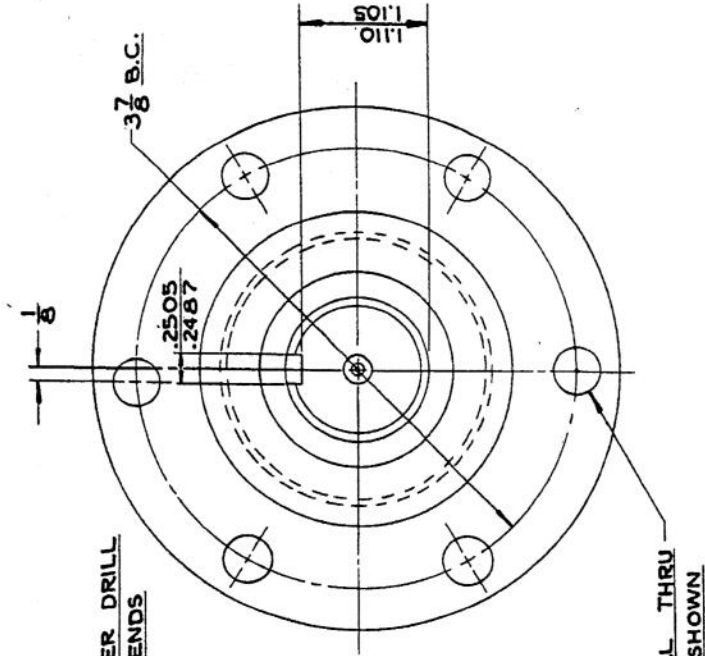


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USED ON	TYPE	NO.	PCS
SK-1105-H2	VH4	1	

SYM.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
C	WAS 2.975/2.976	23462	11-26-64	G.C.B.
B	3.755 WAS 3.74-3.75	20904-A	6-4-64	M.H.C.
A	NOTE ADDED	19050	11-28-63	G.B.

NAME TAKE-OFF STUB SHAFT (FAN END)  
 MAT. MAKE FROM UC-60 R.H. CASTING  
 DRAWN 12-14-79 G.B.  
 TRACED  
 CHECKED  
**UC-60-14**



6-13/32 DRILL THRU AS SHOWN

STAMP DASH NUMBER ON THIS SURFACE

SYM.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	WAS 2.375/2.376	23462	11-26-65	KCB

**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE OFF STUB SHAFT - FAN END  
 MAT. MAKE FROM UC-60 RGH. CASTING  
 DRJ.EY.3-10-65  
 TR. CH. COL.

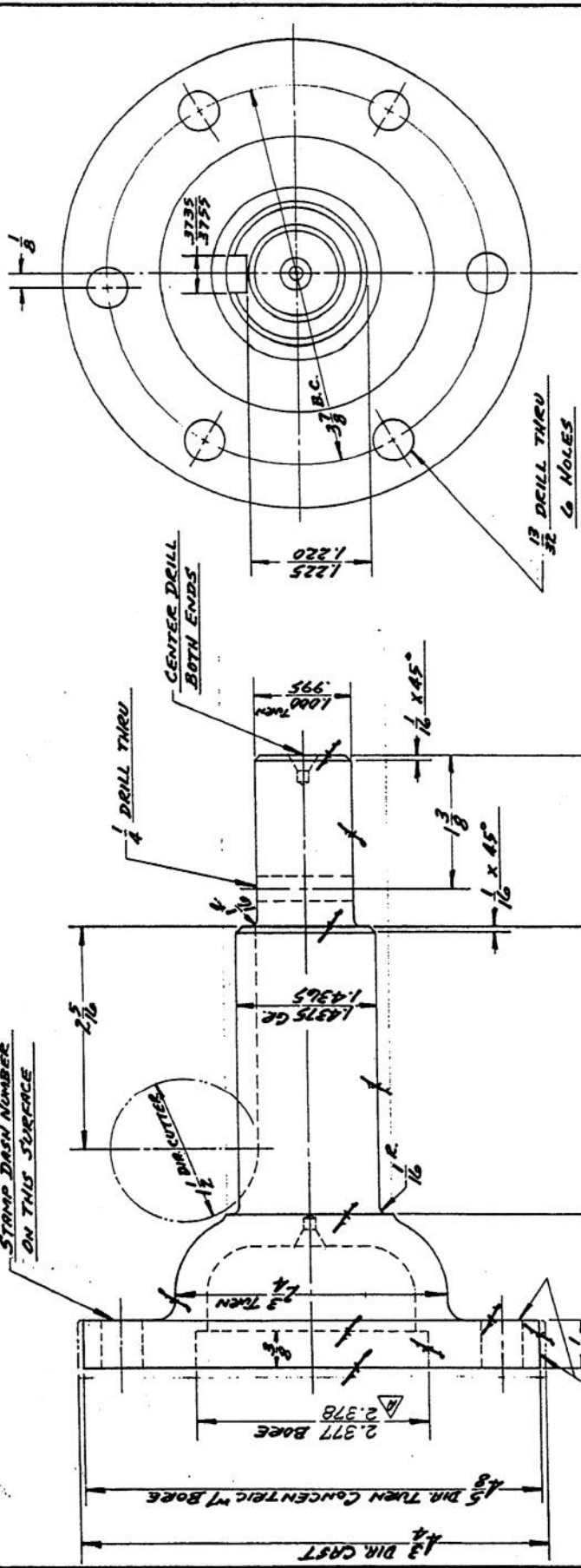
**UC-60-22**  
 PIECE NO.

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NO.	TYPE	NO. OF
1	VH4D	1
1	SK-646-L	1

UC-60-23

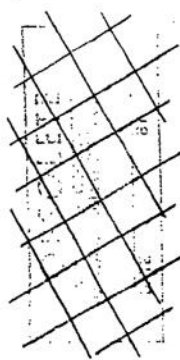
UC-60-23



SYL.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	WAS 2.375/2.376	23462	11-26-64	G.C.B.
	REPLACES UC-83-2	22015	4-5-64	
			7-8-64	

**WIS-CON TOTAL POWER CORP.**  
**NAME TAKE OFF CRANK STUB (FRN END)**  
**MAT. MAKE FROM UC-60 FOR CRATING**  
**DR. J. 7-25-67**  
**TR.**  
**CHART. T-27-67**

PIECE NO. **UC-60-23**

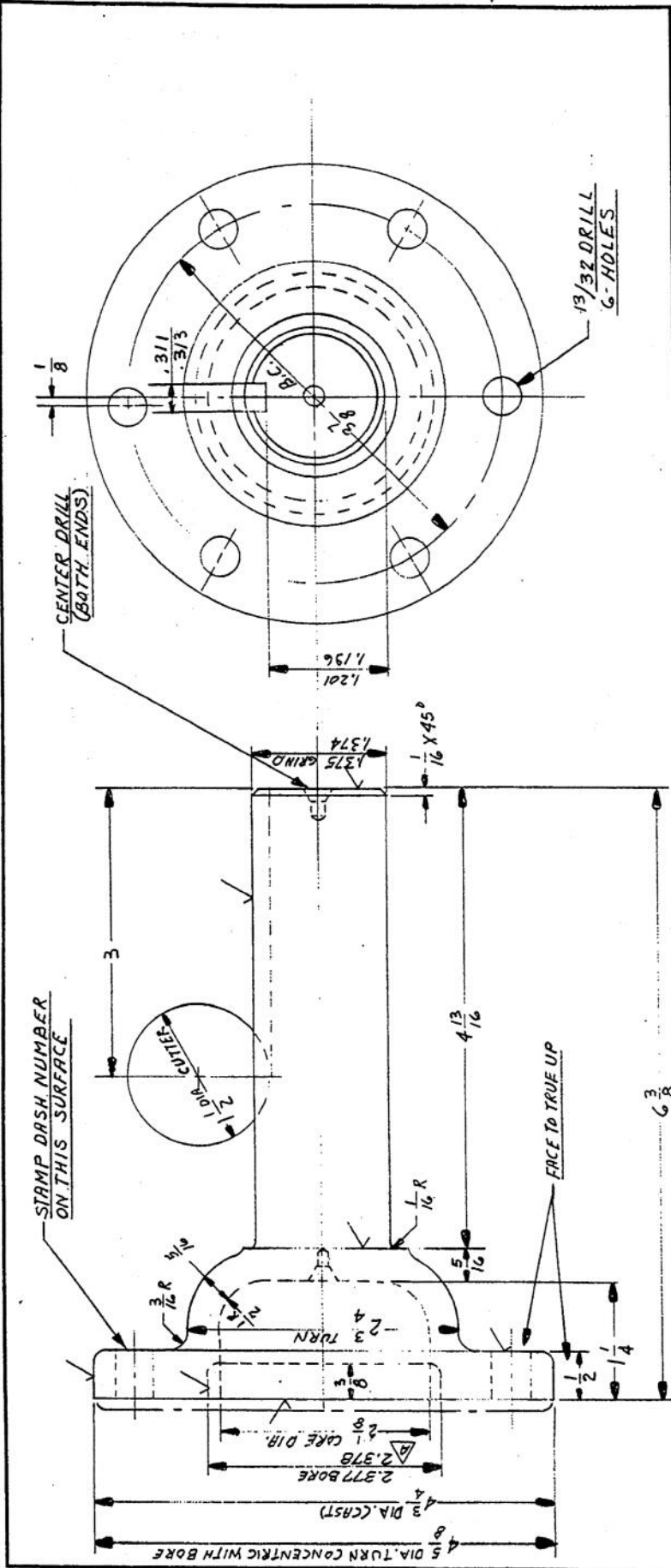


**NOTES:**  
 TOLERANCES - UNLESS SPECIFIED OTHERWISE  
 FRACTIONAL DIMENSIONS ± .010  
 ANGULARITY ± 1'  
 CONCENTRICITY ± .010 T.I.R.  
 BREAK SHARP CORNERS .010 - .015  
 REMOVE ALL BURRS  
 COMPLIANT WITH TOLERANCES APPLY TO  
 ALL STD BARS AND SHAPES  
 DO NOT SCALE THIS DRAWING

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USED ON	TYPE	NO.	PCS.
WEAD	1		
WEAD	1		
WEAD-F	1		

UC-60-24



SYL.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	WAS 2.375 / 2.376	23462	11-26-68	G.C.B.

**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE OFF STUB SHAFT (FERN END)  
 MAT. MAKE FROM UC-60 RGH. CASTING  
 DR. D.K. 1-29-79  
 TR. JAY  
 CH. UC-60-24

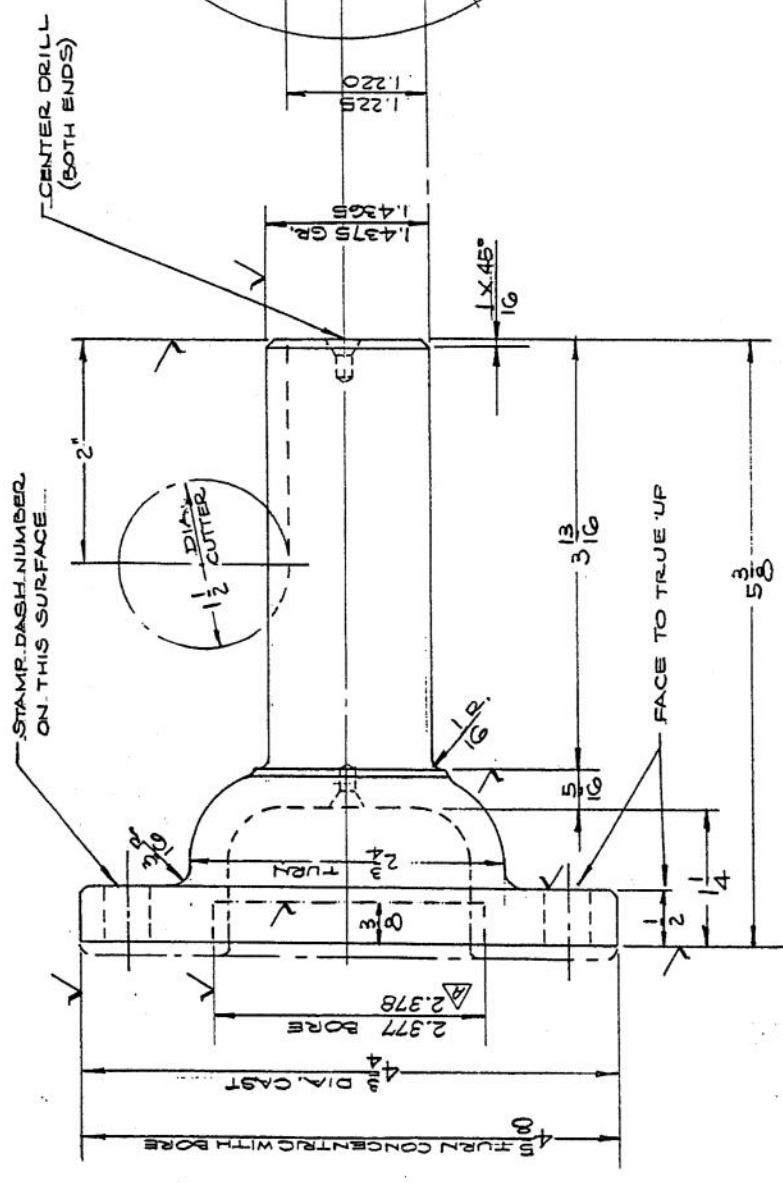
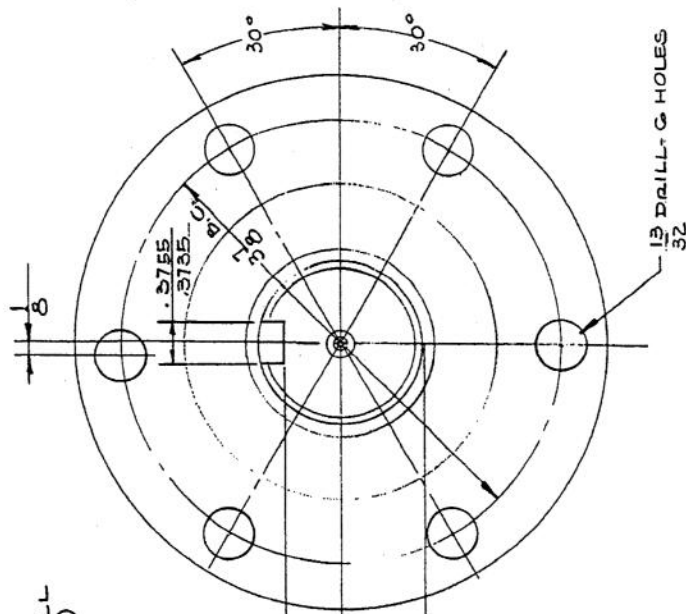
TOLERANCES - UNLESS SPECIFIED OTHERWISE  
 FRACTIONAL MACHINED DIMENSIONS ± .010  
 DECIMAL MACHINED DIMENSIONS ± .005  
 SURFACE FINISH  
 V SURFACE FINISH  
 BREAK CORNERS .010 - .018  
 COMMERCIAL TOLERANCES APPLY TO ALL STANDARD BARS AND SHAPES  
 DO NOT SCALE THIS DRAWING

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USED ON	NO.	TYPE	PCS.
BSE-133	VH4D1		



UC-60-25



SYN.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
1	WAS 2.375/2.376	23462	11-26-82	2.CB.

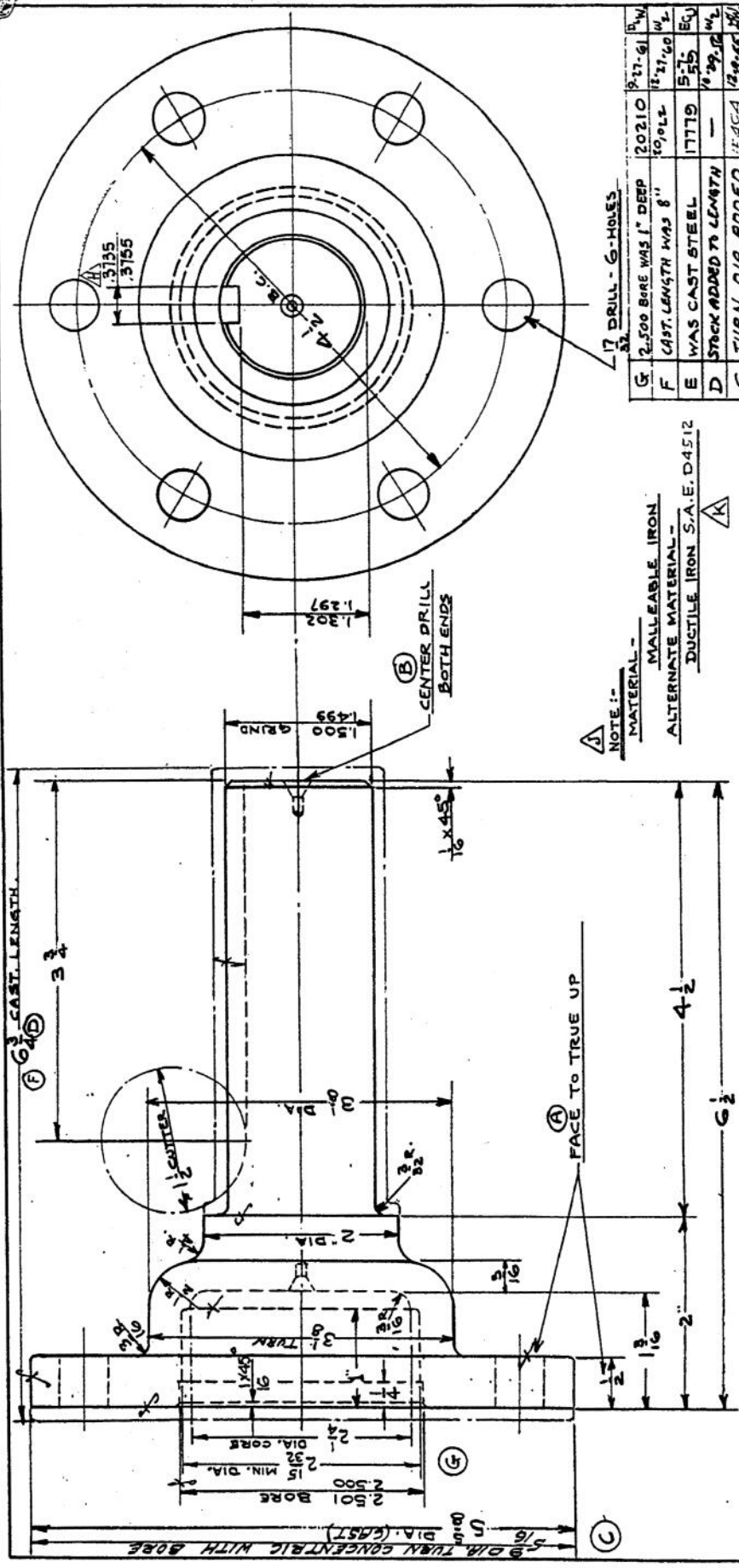
<b>WIS-CON TOTAL POWER CORP.</b>	
NAME TAKE-OFF STUB SHAFT (FAN END)	
MAT. MAKE FROM XUC-60	
DR. 4-27-84	
TR.	PIECE NO.
CH.	UC-60-25

TOLERANCES - UNLESS SPECIFIED OTHERWISE  
 FRACTIONAL MACHINED DIMENSIONS ± .010  
 DECIMAL MACHINED DIMENSIONS ± .005  
 2 PLACE DECIMALS ± .01  
 RUNOUT 0.10 T.I.R.  
 V SURFACE FINISH  
 BREAK CORNERS .010 - .019  
 COMMERCIAL TOLERANCES APPLY TO ALL STANDARD BARS AND SHAPES  
 DO NOT SCALE THIS DRAWING

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USED ON	TYPE	NO.	PCS.
SSE-147	V.H.D.	1	1

UC-84



NOTE: -  
 MATERIAL - MALLEABLE IRON  
 ALTERNATE MATERIAL - DUCTILE IRON S.A.E. D4512

G	2.500 BORE WAS 1" DEEP	20210	9-17-61
F	CAST LENGTH WAS 8"	30,912	11-11-60
E	WAS CAST STEEL	17779	5-5-55
D	STACK ADDED TO LENGTH	-	4-29-56
C	TURN DIA. ADDED	146A	12-8-58
B	CENTER DRILLS ADDED	-	6-8-54
A	FIN. ADDED TO FLANGE	-	6-8-54
BY:	DESCRIPTION OF CHANGE	CHANGE NO.	DATE

WIS-CON TOTAL POWER CORP.  
 NAME TAKE-OFF SHFT SHAFT (FAN END)

MAT. (E)	SEE NOTE	PIECE NO.
DRAWN BY	E. Z. B-21-39	XUC-84
TRACED		UC-84
CHECKED		

NOTE: -  
 ALLOW 1/8" STOCK FOR FINISH

WAS DUCTILE	60-45-10	22329	6-72
ALTERNATE MATERIAL			
DUCTILE IRON	60-45-10	2472	6-15
3135-3155 WAS 974-976			

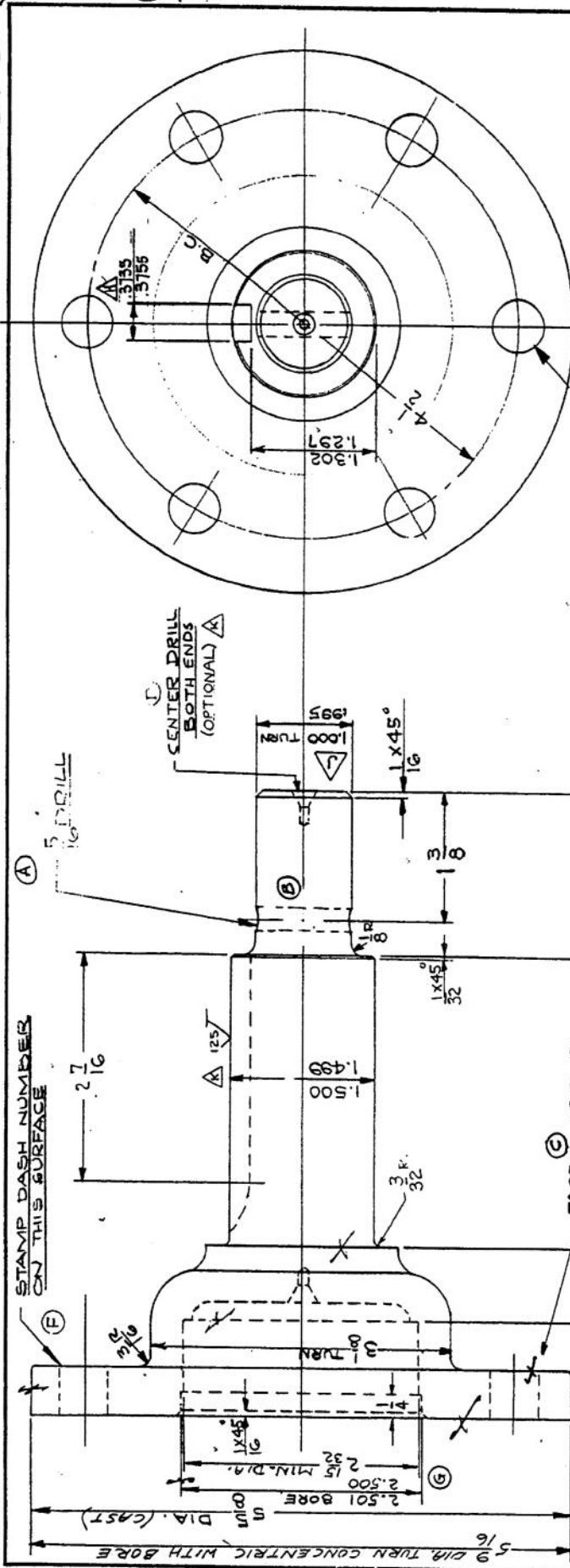
ROUGH CASTING OR FORGING IDENTIFIED BY THE PREFIX LETTER 'X' TO BASIC PART NO.

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SK-881	TYPE	NO. PCE
SK-S14-C-1	Y04L	1
BRYAN ENG. Co.	AMA	1
USED ON		

UC-84-1

UC-84-1



17 DRILL-G HOLES

A	1.000 TURN WAS 1.000	2.1062	12.16	7.24
A	3.135-.375 WAS .374-.375	20904A	6.4	1.14
G	2.500 BORE WAS 1" DEEP	20210	9.22	1.14
F	NOTE ADDED	19080	11.28	1.14
E	TURN DIA. ADDED	15464	12.155	1.14
D	CENTER DRILLS ADD	—	6.854	1.14
C	FIN. ADDED TO FLANGE	—	6.854	1.14
B	1/4-10 TAP REMOVED	3759	6.752	1.14
A	WAS 1.513 PLANK	3759	6.752	1.14
SYM.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY

FOR CASTING DIMENSIONS SEE UC-84

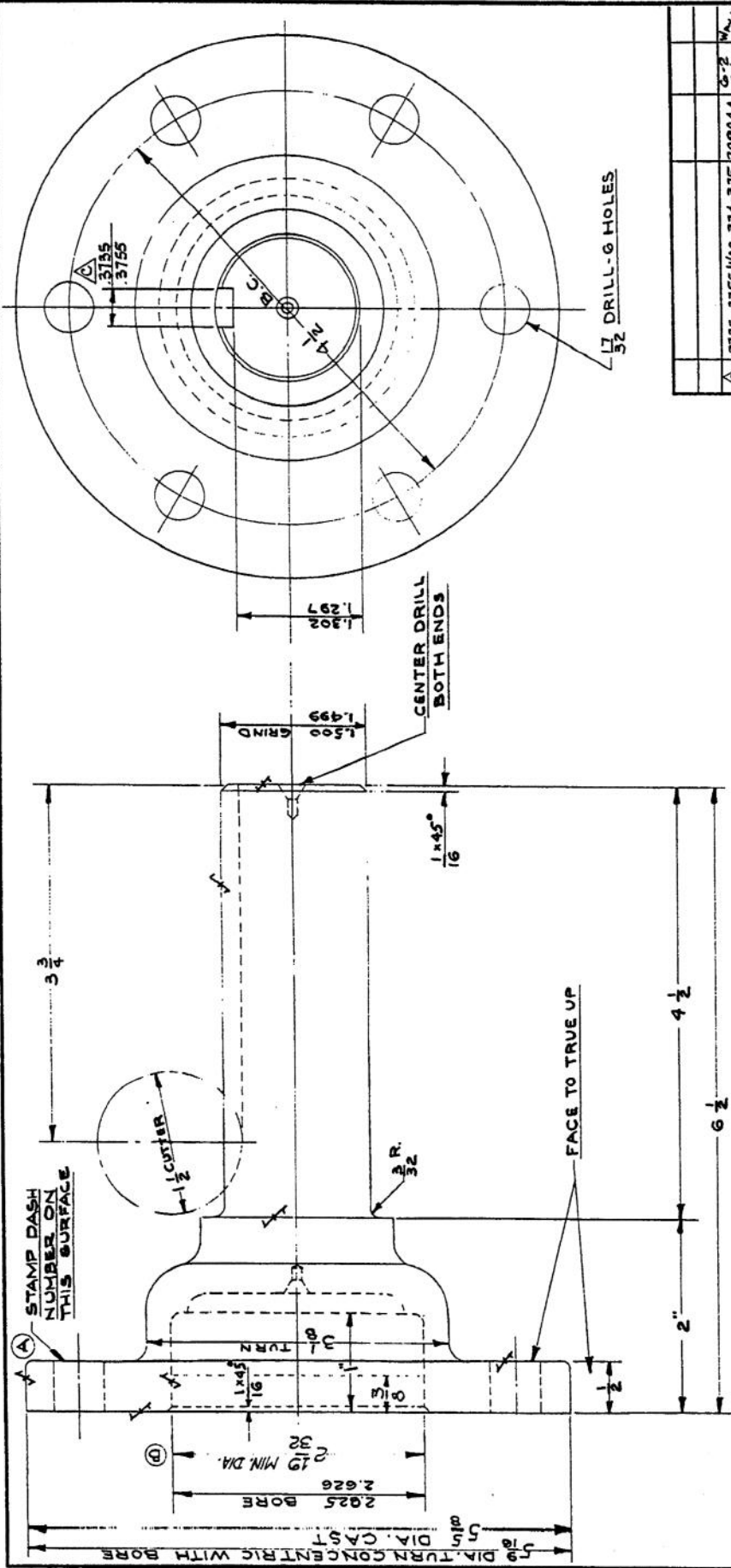
**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE OFF CRANK STUB (FAN END)  
 MAT. MAKE FROM UC-84 CASTING  
 DRAWN 9-9-58 W.F.T.  
 TRACED UC-84-1  
 CHECKED W. J.

K CENTER DRILL MADE OPTIONAL ERIZ88 16/21/91 JBa

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USED ON	TYPE	NO. PCB.
	VG40	1
	VP4	1
	VM4	1





FOR CASTING DIMENSIONS SEE UC-84

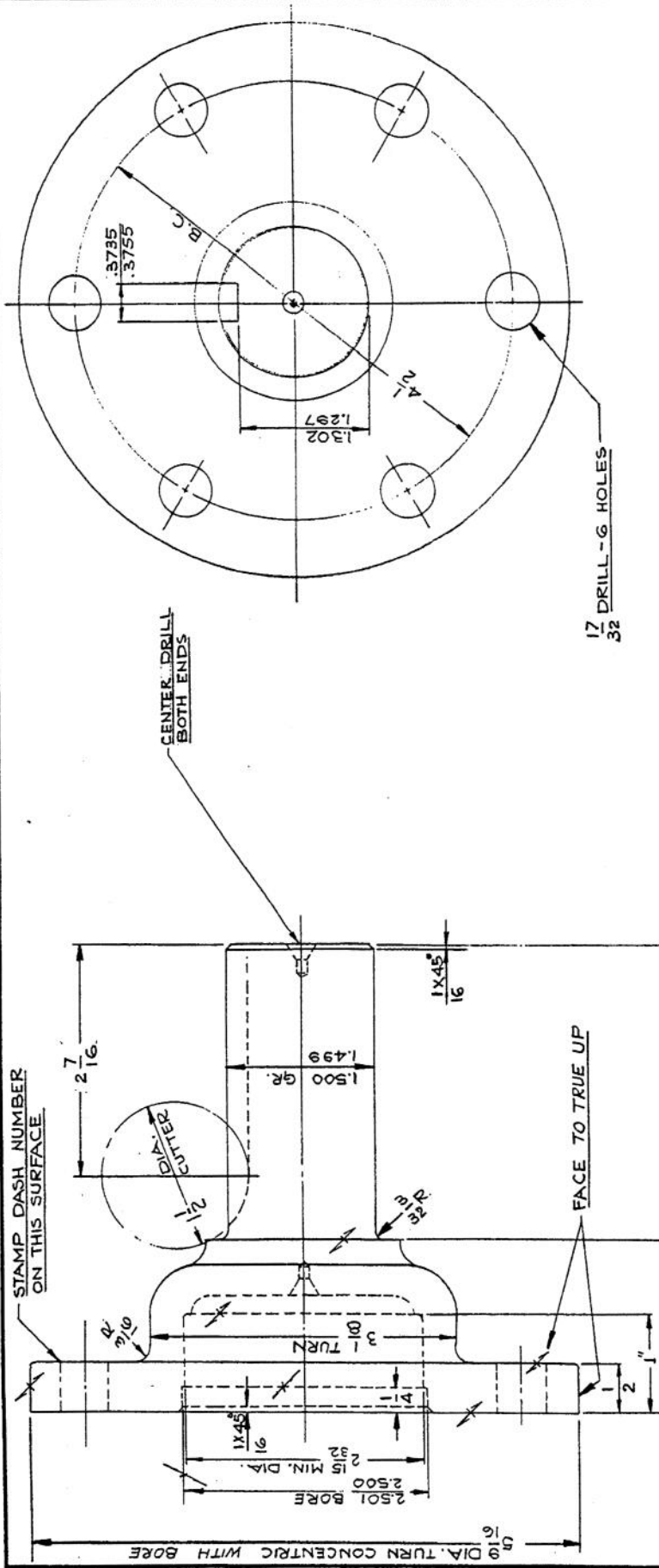
SYN.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	.3135-.3155 WAS .314-.315	20904 A	6-2	W.F.
B	MIN. DIA. ADDED	20187	2-28	W.F.
A	NOTE ADDED	19050	11-29-60	BBB

**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE OFF STUB SHAFT (FAN END)  
 MAKE FROM UC-84  
 DR. 5-9-60 R.A.W.  
 TR. *[Signature]*  
 CH. *[Signature]*  
 PIECE NO. **UC-84-13**

USED ON	TYPE	NO.	PCB.
5K-1334-C	V486 D	1	

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UC-84-14



FOR CASTING DIMENSIONS SEE UC-84

BY	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY

**WIS-CON TOTAL POWER CORP.**

NAME TAKE OFF STUB SHAFT

MAT. MAKE FROM UC-84 *ROUGH* CASTING

DR. H.P. 5-17-64

TR. *[Signature]*

CH. *[Signature]*

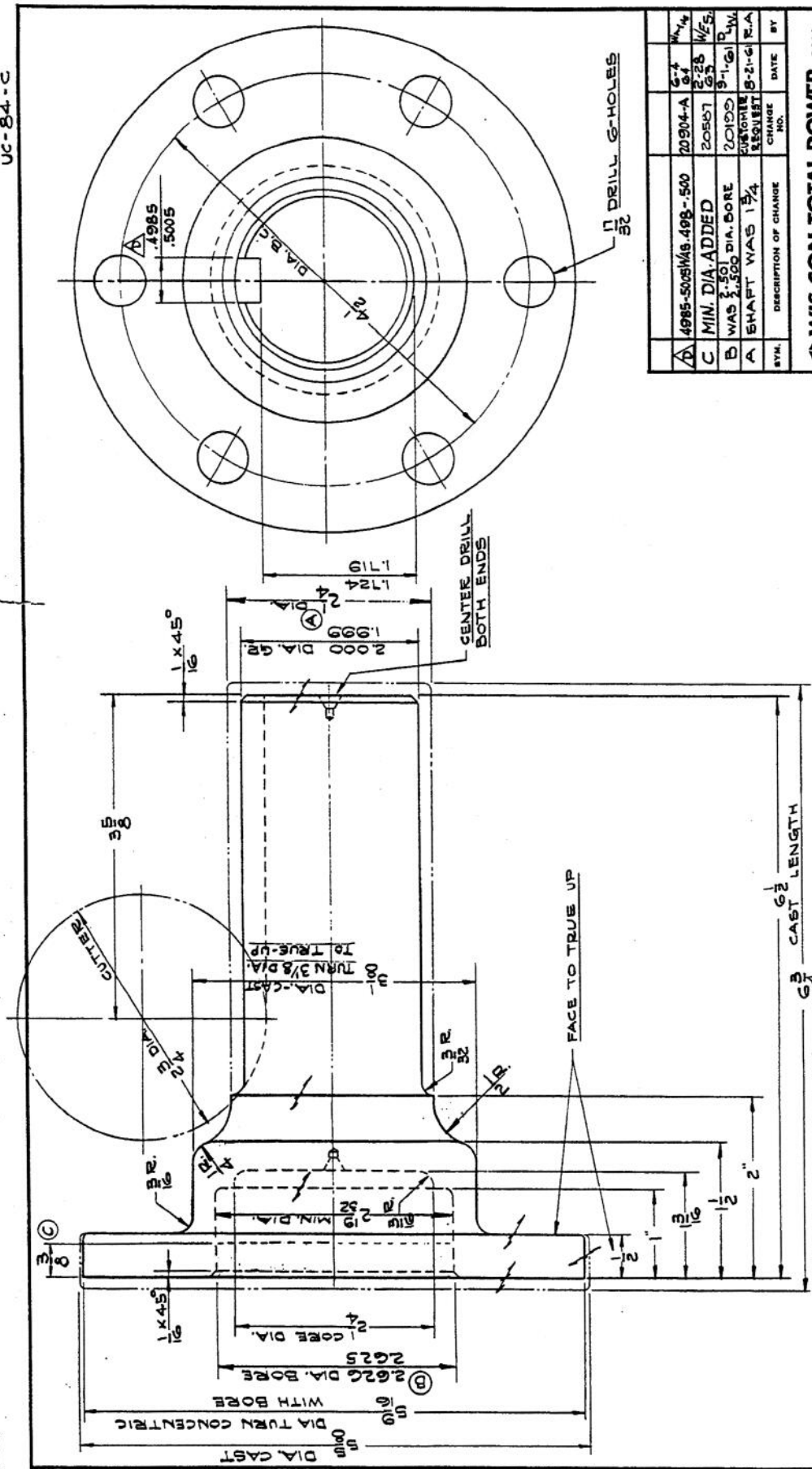
PIECE NO. **UC-84-14**

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USED ON	TYPE	NO.	PCS.
VG4D	1		

DESIGN PRODUCTS CO.-1025

UC-84-C



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USED ON	NO.	NO.
	1	1
TYPE	V-4GOD	PCB
SK-1534-D		

NOTE  
ALLOW 1/8 STOCK FOR FINISH

SYMBOL	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	4985-50814g.498-500	20904-A	6-7	W.H.H.
C	MIN. DIA. ADDED	20857	2-28	W.E.S.
B	WAS 3.501 DIA. BORE	20100	9-11	P.H.M.
A	SHAFT WAS 1 3/4	20076	8-21-6	R.A.
		REQUEST		

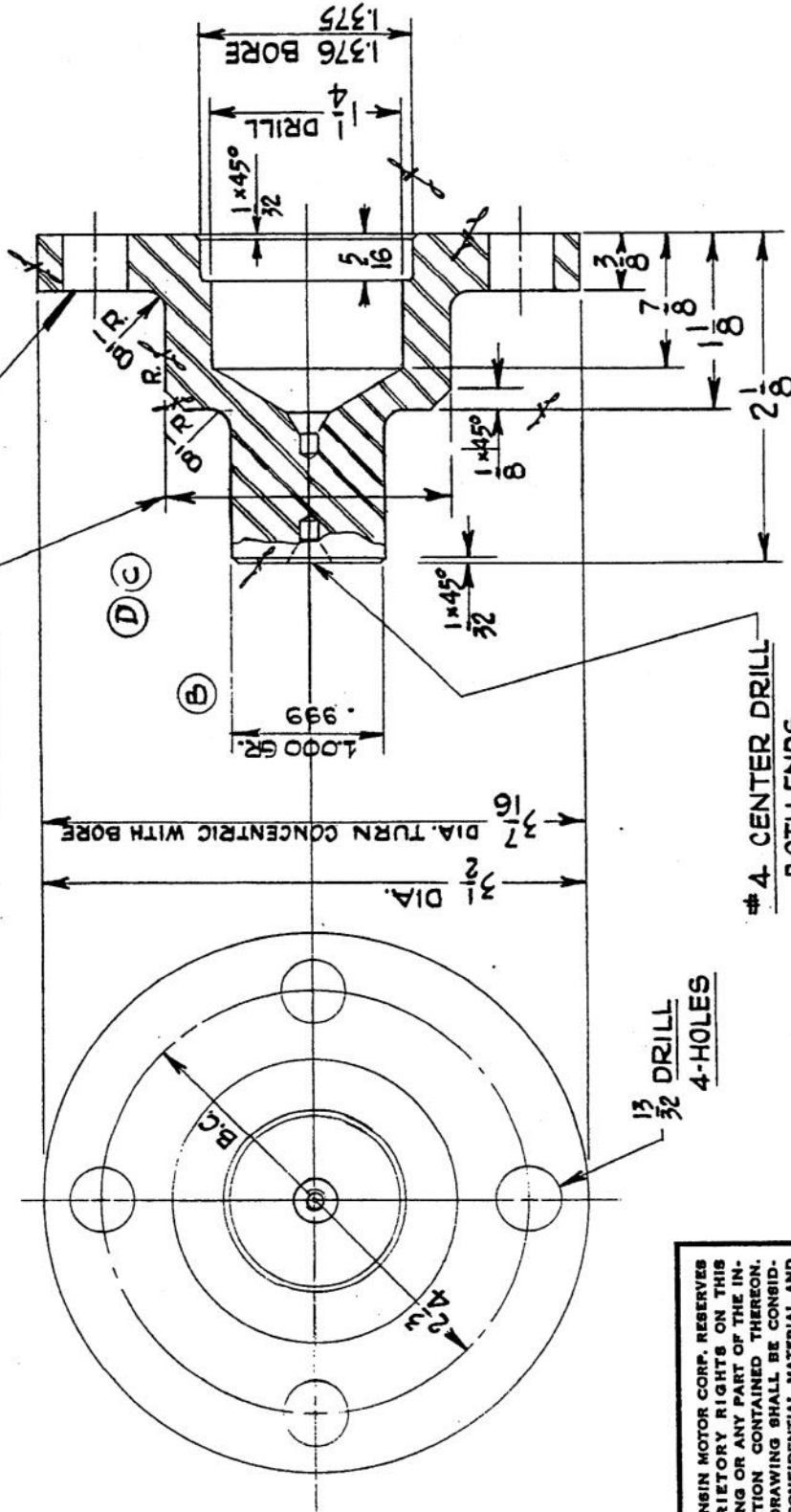
<b>WIS-CON TOTAL POWER CORP.</b>	
NAME TAKE-OFF STUB SHAFT (FAN END)	
MAT. MALLEABLE IRON	
FIG. 2. 8-22-61	PIECE NO.
DR. B.O.G.I.F.J.	<b>XUC-84-C</b>
CH.	<b>UC-84-C</b>

UC-86-16

UC-86-16

**(A) STAMP DASH NUMBER ON THIS SURFACE**

**TURN  $\frac{13}{32}$  DIA TO TRUE UP**



**#4 CENTER DRILL BOTH ENDS**

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**WIS-CON TOTAL POWER CORP.**

NAME **STUB SHAFT (FLYWHEEL END)**

MAT. USE **UC-86 ROUGH CASTING**

DRAWN **J.J.R. 10-24-57**

TRACED \_\_\_\_\_

CHECKED \_\_\_\_\_

PIECE NO. **16**

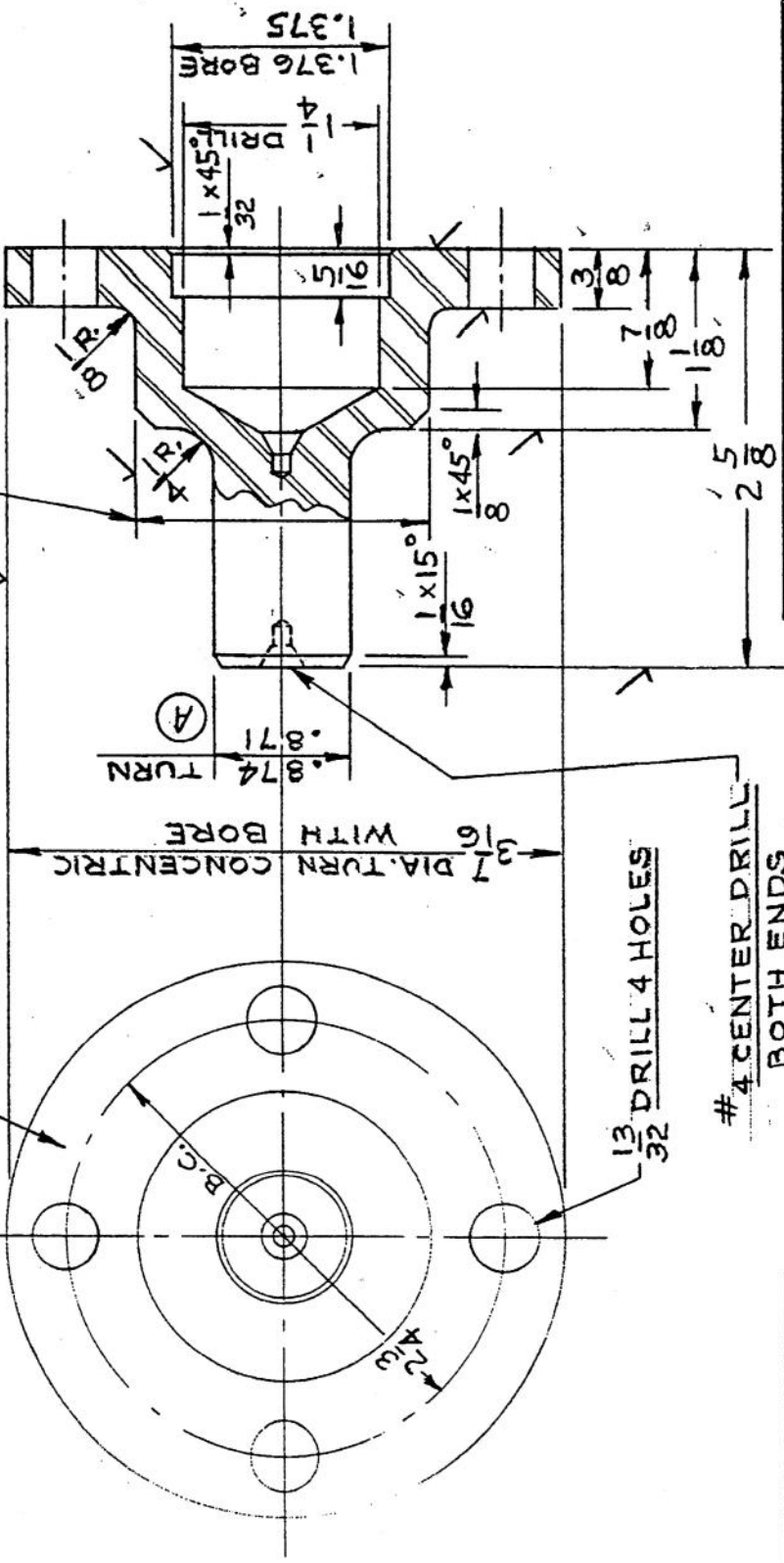
USED ON	TYPE	NO. PCS.	SYM.	DESCRIPTION OF CHANGE	DATE	BY
SK-629-K	ACN	1		A NOTE ADDED	11-23-58	GBB
11-245-C				B WAS 1.187/1.186 GR.	5-17-61	GBB
				C 1/4 DRILL ADDED	5-11-61	GBB
				D 1/4 DRILL REMOVED	20168-B	W.F.S.
					19050	GBB



UC-86-26

STAMP DASH NUMBER ON THIS SURFACE

1 27 DIA. TURN TO TRUE UP



3/16 DIA. TURN CONCENTRIC WITH BORE

1 3/4 TURN .874

1 3/8 BORE 1.375

1 3/32 DRILL 4 HOLES

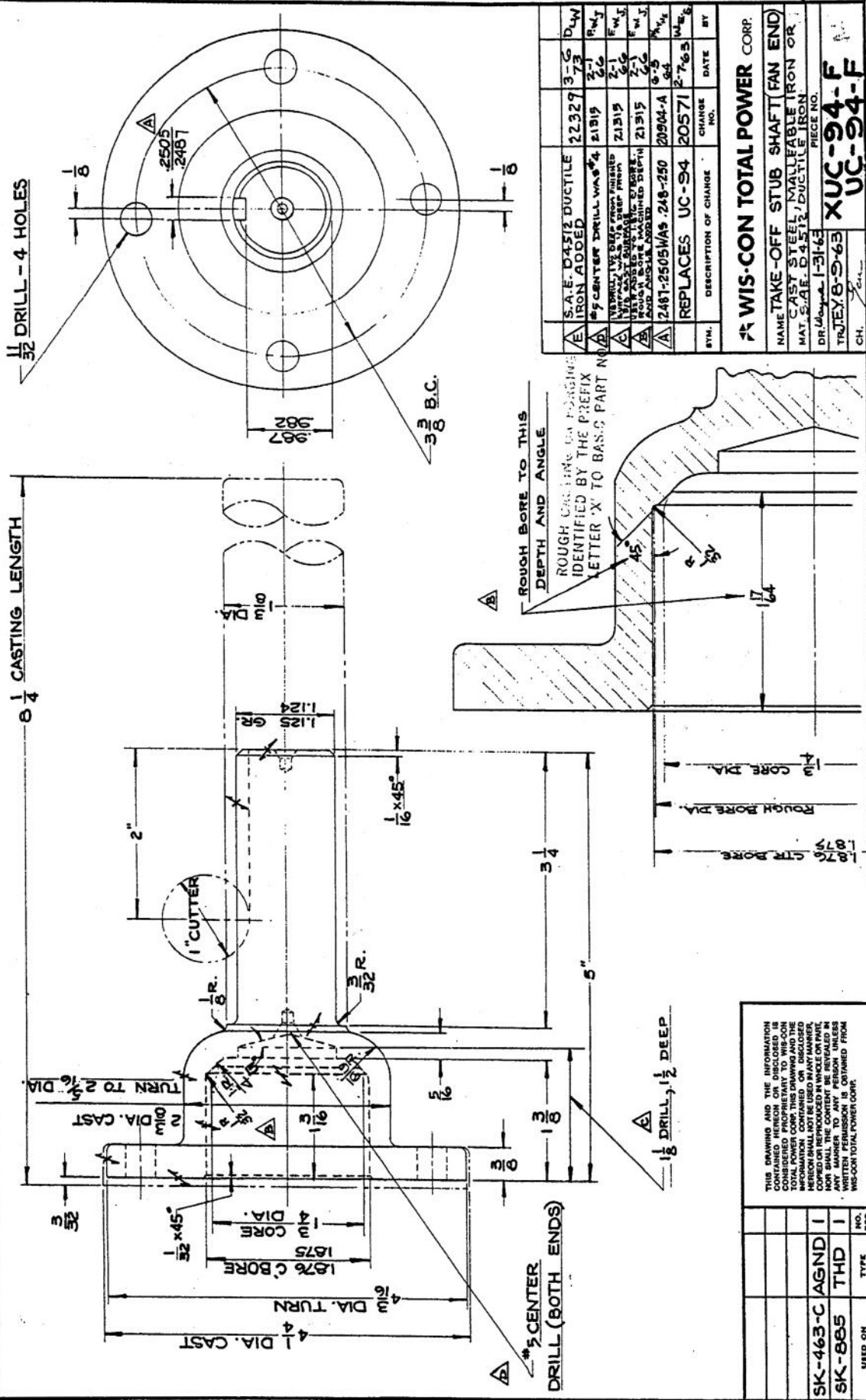
#4 CENTER DRILL BOTH ENDS

TOLERANCES - UNLESS SPECIFIED OTHERWISE  
 FRACTIONAL MACHINED DIMENSIONS ± .010  
 ANGULARITY ± 1°  
 5 PLACE DECIMALS ± .005  
 2 PLACE DECIMALS ± .01  
 SURFACE FINISH  
 BREAK CORNERS R10 - .015  
 REMOVE ALL SURFACES  
 COMMERCIAL TOLERANCES APPLY TO ALL STANDARD BARS AND SHAPES  
 DO NOT SCALE THIS DRAWING

**WIS-CON TOTAL POWER CORP.**  
 NAME STUB SHAFT  
 MAT. MAKE FROM XUC-86  
 DR. L W 2-24-73  
 TR. *g*  
 CH. *g*  
 PIECE NO. UC-86-26

SYMBOL	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	WAS 1 3/8 TURN	22745	11-2-78	D.K.
	RELEASED	22325	3-3-73	E.W.

USED ON	TYPE	NO.	PCS.
BKN 1	ACN 1		
U-245-E			



THIS DRAWING AND THE INFORMATION CONTAINED HEREON OR DISCLOSED IN ANY MANNER TO ANY PERSON OTHER THAN WIS-CON TOTAL POWER CORP. IS UNCLASSIFIED INFORMATION. THIS DRAWING AND THE INFORMATION CONTAINED OR DISCLOSED HEREON SHALL BE REVEALED IN ANY MANNER TO ANY PERSON OTHER THAN WIS-CON TOTAL POWER CORP.

SK-463-C	AGND	1	
SK-885	THD	1	
	TYPE		
	NO.		
	PCE		

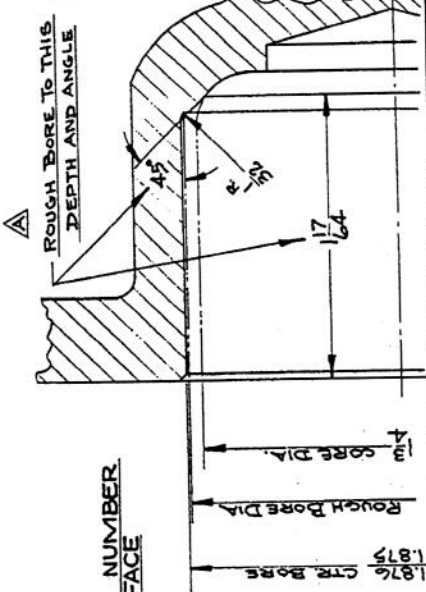
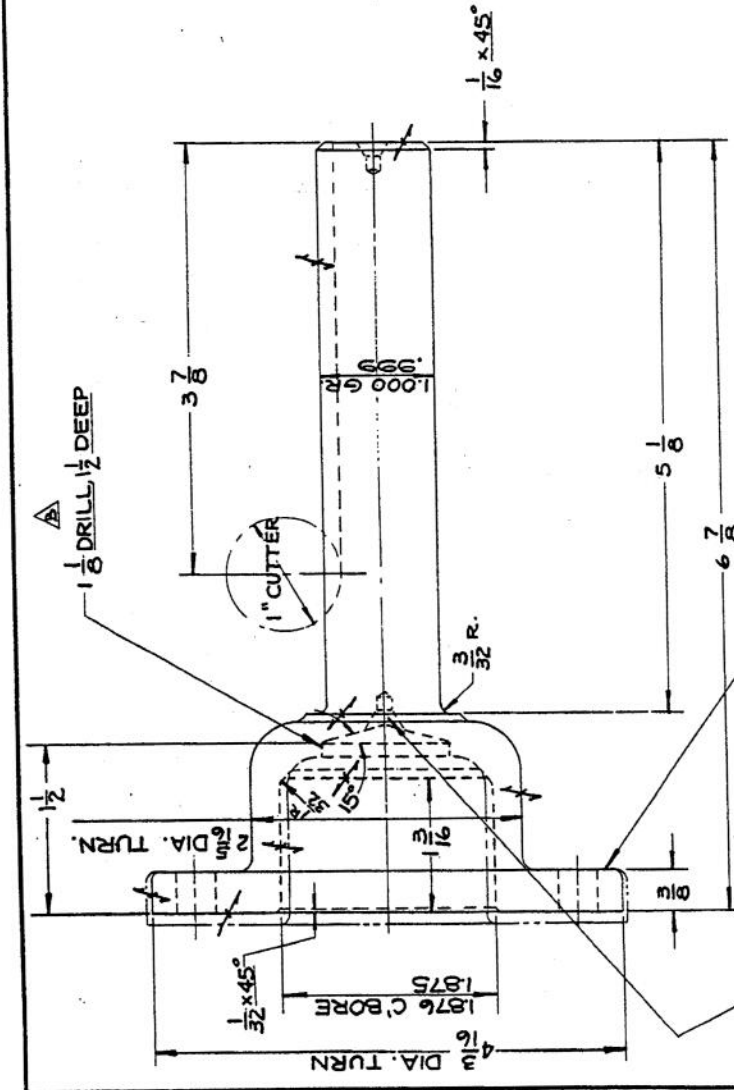
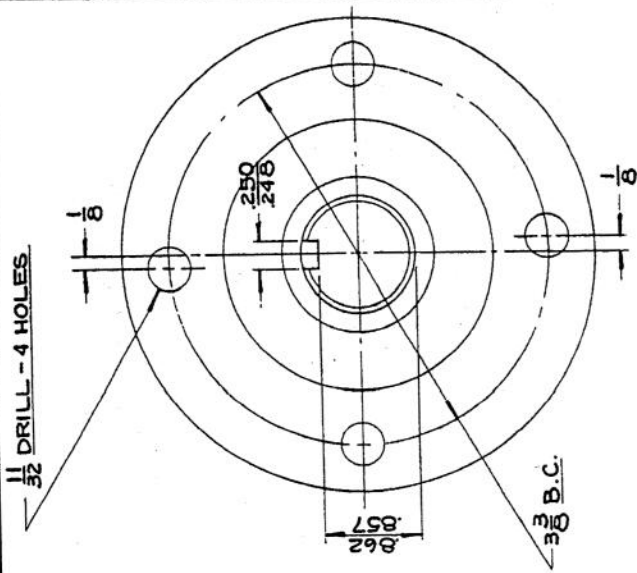
SYN.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	S.A.E. D4572 DUCTILE IRON ADDED	22329	3-76	D.L.W
A	5 CENTER DRILL WAS 4	21319	7-71	F.W.J
A	RESPECTIVE DEEP FROM FINISHED SURFACE WAS 1/2 DEEP FROM UNFINISHED SURFACE	21319	7-71	F.W.J
A	UNFINISHED SURFACE UNOBTAINED DEPTH	21315	7-71	F.W.J
A	2487-2505 WAS 248-250	20904-A	8-5	F.W.J
A	REPLACES UC-94	20571	2-7-65	F.W.J

WIS-CON TOTAL POWER CORP.  
 TAKE-OFF STUB SHAFT (FAN END)  
 CAST STEEL MALLEABLE IRON OR MAT. S.A.E. D4572, DUCTILE IRON  
 DR. 1-31-63  
 TRJTB-9-63  
 CH. 1-31-63  
**XUC-94-F**  
**UC-94-F**



UC-94-F-18

UC-94-F-18



BY	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
C	#2 CENTER DRILL WAS #4	21315	2-1-63	F.M.J.
C	INTERMITTENT DEEP DRIFT PATTERS	21315	2-1-63	F.M.J.
A	WAS TO BE MADE	21315	2-1-63	F.M.J.
A	WAS TO BE MADE	21315	2-1-63	F.M.J.
A	REPLACES UC-94-1B	20571	2-7-63	(A) 6-6

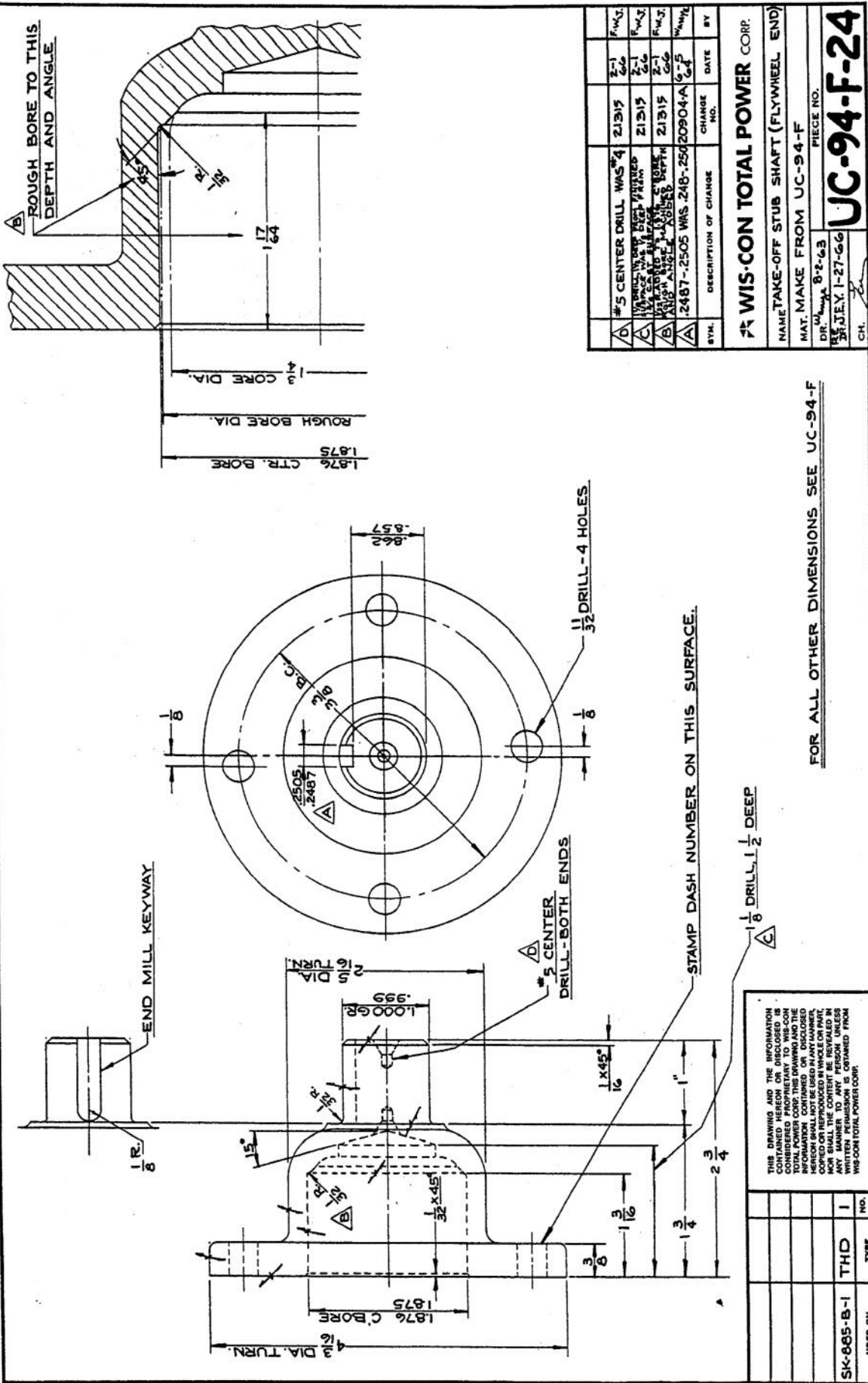
**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE-OFF STUB SHAFT (FAN END)  
 MAT MAKE FROM UC-94-F RGH. CASTING  
 DRAWING 2-4-63  
 TRJEX 8-13-63  
 UC-94-F-18  
 CH.

USED ON	TYPE	NO.	PCB.
SK-885-L-1	AGND	1	
SK-885-L	THD	1	

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UC-94-F-24



BY	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
FMJ	#5 CENTER DRILL WAS #4	21315	2-1	FMJ
FMJ	WHOLE WAS BEEL TURNED	21315	2-1	FMJ
FMJ	WHOLE WAS TURNED TO 1/8 DEPTH	21315	2-1	FMJ
FMJ	WHOLE WAS TURNED TO 1/8 DEPTH	21315	2-1	FMJ
WMM	.2487-.2505 WAS .248-.250	20904A	6-5	WMM

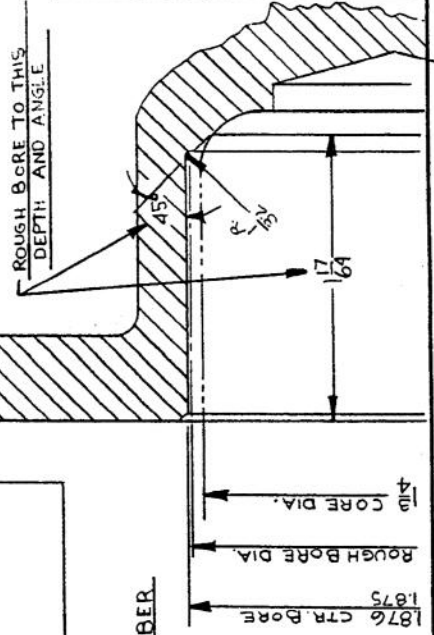
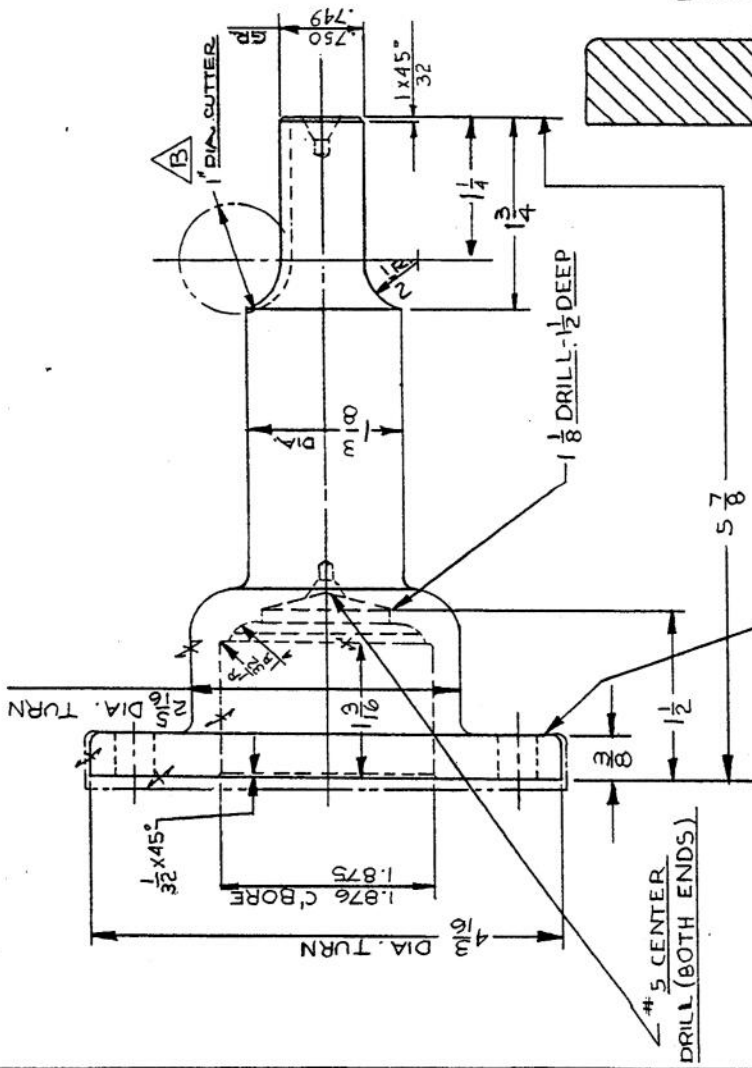
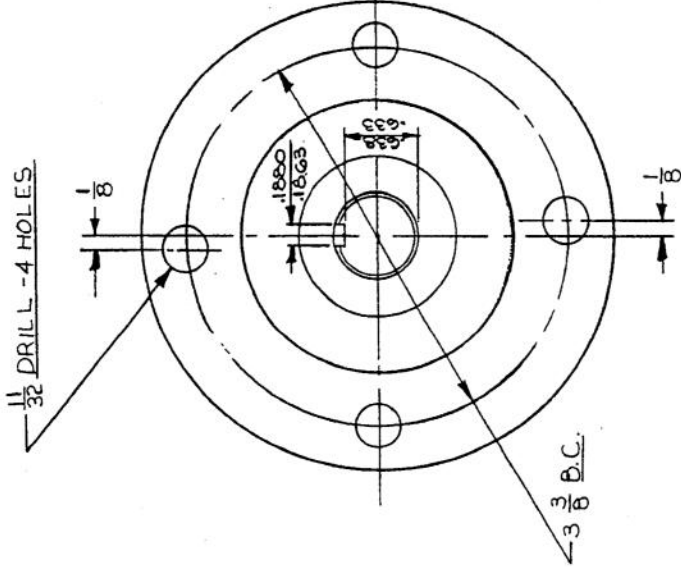
**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE-OFF STUB SHAFT (FLYWHEEL END)  
 MAY MAKE FROM UC-94-F  
 DR. 8-2-63  
 CH. J.E.Y. 1-27-66

UC-94-F-24

FOR ALL OTHER DIMENSIONS SEE UC-94-F

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USED ON	TYPE	NO.	PCS.
SK-865-B-1	THD	1	



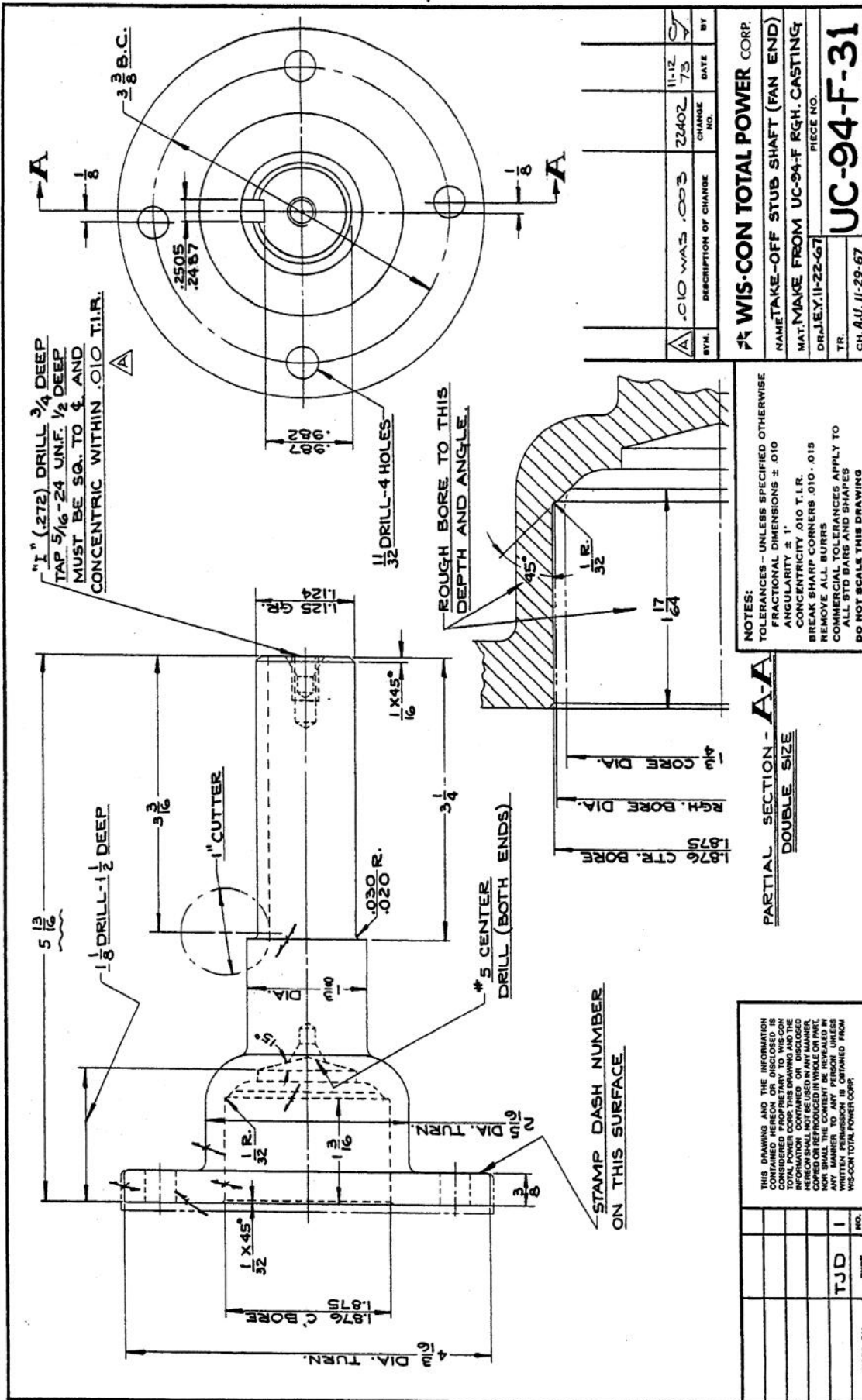
SYN.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
B	WAS 3/4 DIA. CUTTER	22210	7/13	WAL
A	WAS EP-391	2867	C.J.	

**WIS-CON TOTAL POWER CORP.**  
 NAME TAKE-OFF STUB SHAFT (IFAN END)  
 MAT. MAKE FROM UC-94-F RGH CASTING  
 DR. NP 1-26-67  
 TR. *[Signature]*  
 CH. *[Signature]*

**UC-94-F-30**  
 PIECE NO.

THIS DRAWING AND THE INFORMATION CONTAINED HEREON OR DISCLOSED HEREON IS UNCLASSIFIED AND IS THE PROPERTY OF WIS-CON TOTAL POWER CORP. THIS DRAWING AND THE INFORMATION CONTAINED OR DISCLOSED HEREON IS UNCLASSIFIED AND IS THE PROPERTY OF WIS-CON TOTAL POWER CORP. FOR ALL INFORMATION CONCERNING THIS DRAWING OR INFORMATION CONTAINED HEREON OR DISCLOSED HEREON, CONTACT WIS-CON TOTAL POWER CORP. IN ANY MANNER. THE CONTENT BE REVEALED IN ANY MANNER TO ANY PERSON OR ENTITY WITHOUT THE WRITTEN PERMISSION OF WIS-CON TOTAL POWER CORP.

USED ON	TYPE	NO.	POSD
UC-94-F-30	THD	1	



"I" (.272) DRILL 3/4 DEEP  
 TAP 5/16-24 UNF. 1/2 DEEP  
 MUST BE SQ. TO  $\frac{1}{8}$  AND  
 CONCENTRIC WITHIN .010 T.I.R.

1 1/2 DRILL-4 HOLES  
 ROUGH BORE TO THIS  
 DEPTH AND ANGLE.

NOTES:  
 TOLERANCES - UNLESS SPECIFIED OTHERWISE  
 FRACTIONAL DIMENSIONS  $\pm .010$   
 ANGULARITY  $\pm 1'$   
 CONCENTRICITY  $.010$  T.I.R.  
 BREAK SHARP CORNERS  $.010 - .015$   
 REMOVE ALL BURRS  
 COMMERCIAL TOLERANCES APPLY TO  
 ALL STD BARS AND SHAPES  
 DO NOT SCALE THIS DRAWING

PARTIAL SECTION - **A-A**  
 DOUBLE SIZE

THIS DRAWING AND THE INFORMATION  
 CONTAINED HEREON OR DISCLOSED IS  
 CONSIDERED PROPRIETARY TO WIS-CON  
 CORPORATION. NO PART OF THE  
 INFORMATION CONTAINED OR DISCLOSED  
 HEREON SHALL NOT BE USED IN ANY MANNER,  
 COPIED OR REPRODUCED IN WHOLE OR IN  
 PART, OR IN ANY MANNER TO THE  
 ANY MANNER TO ANY PERSON UNLESS  
 WRITTEN PERMISSION IS OBTAINED FROM  
 WIS-CON TOTAL POWER CORP.

USED ON	TYPE	NO.	PCS.
	TJD	1	

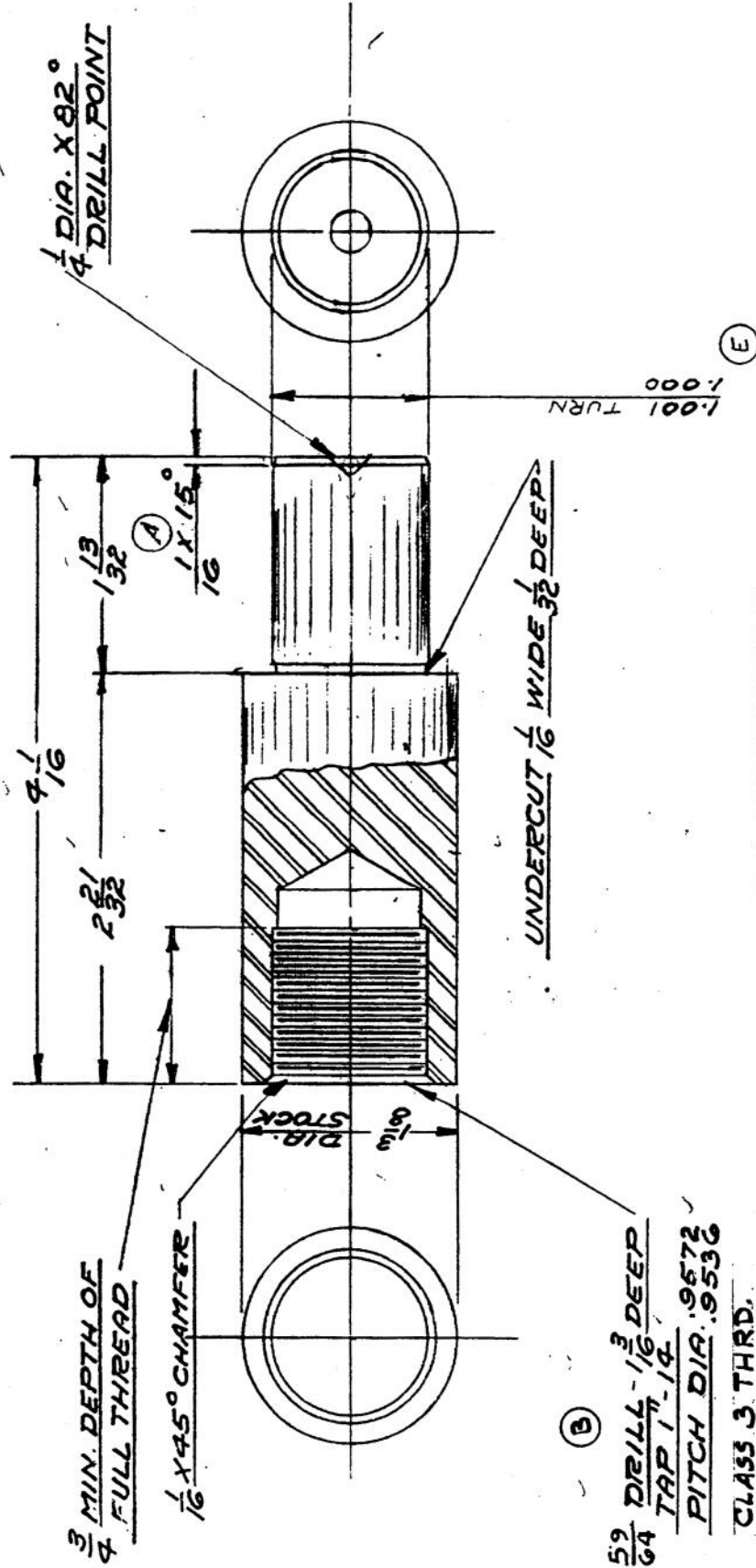
STAMP DASH NUMBER  
 ON THIS SURFACE

BY	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
A	.C10 WAS .003	23402	11-12-73	A

**WIS-CON TOTAL POWER CORP**  
**NAME: TAKE-OFF STUB SHAFT (FAN END)**  
**MAT. MAKE FROM UC-94-F RGH. CASTING**  
**DR. J.E.Y. 11-22-67** (PIECE NO.)  
**UC-94-F-31**  
 TR. CH. R.U. 11-29-67



(C) (D)



WIS-CON TOTAL POWER CORP.

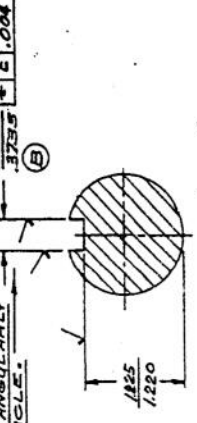
NAME STUD SHAFT FOR ROPE STARTER SHEAVE  
 MAT. AISI C118 STEEL  
 DRAWN 7-27-98 WJB  
 TRACED  
 CHECKED W.B.  
 PIECE NO. UC-128M

USED ON	TYPE	NO. PCB.	SYM.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
U-295 ASSEM	AFH	1		RELEASED	12157	7.28.98	W2
	AGH	1		WAS 1/16 X 45°	18086	9-7-99	W2
	AHH	1		WAS .957 P.D.	20168A	9-29-99	W2
	TE	1		WAS 3/32 DRILL IN ASSEM.	20168B	7-28-01	W2
	TF	1		1/4 DRILL REMOVED	23733	5-2-02	W2
				1.001 TURN, 1.000 CENTERLESS GRIND		10-6-00	W2
				WAS 1.005			W2

1 XUC-205  
UC-205

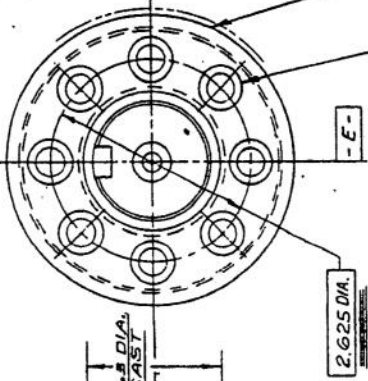
(C) KEY SEAT NOT LOCATED ANGULARLY  
W/ RESPECT TO BOLT CIRCLE.

2



SECTION AA

-E-

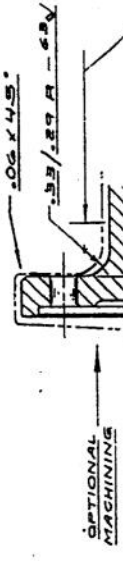


8 HOLES EQUALLY SPACED  
3.43 DIA. THRU, CTBR. .59 DIA. .03 DEEP.

(C) .028 DIA.

(D) STEEL STAMP PART NUMBER UC-205  
ON PERIPHERY OF FLANGE.  
(.12 MIN. HIGH NUMBERS.)

3

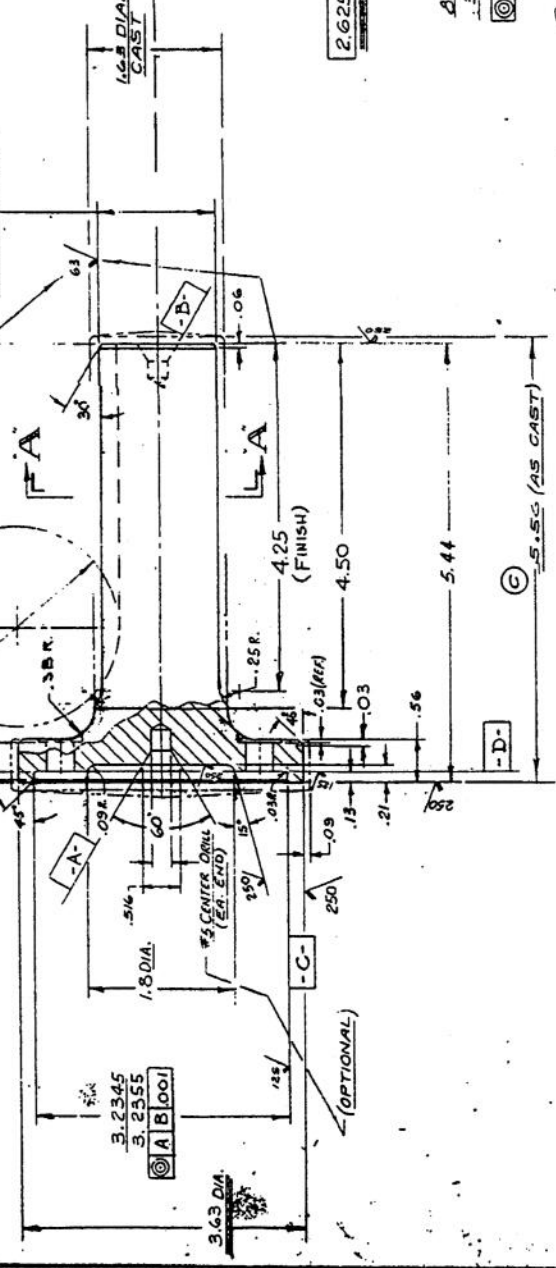


OPTIONAL MACHINING

2.75 DIA. CUTTER (MAX.)

1.4375 DIA  
1.4365

(C) .003



USE W/ CRANKSHAFT CA-88-1

(D) HEAT TREAT CYCLE:  
A. HEAT TO 1650°F  
B. FURNACE COOL TO 1450°F  
C. AIR COOL, DRAW TO 217-855 BHN.

FINISH ALLOWANCE .09  
CASTING TOLERANCE  
O - .4 ± .03  
4 - .8 ± .05  
DIMENSIONS & TOLERANCES  
PER ANSI Y14.5

PATTERN # BGN. CASTING NO XUC-205

ITEM NO.	DESCRIPTION OF CHANGE	DATE	BY	APPROVED
D	FINISH ALLOWANCE .09	2/27/57	J. J. WILSON	
C	KEY SEAT NOT LOCATED ANGULARLY W/ RESPECT TO BOLT CIRCLE.	2/27/57	J. J. WILSON	
B	HEAT TREAT CYCLE	2/27/57	J. J. WILSON	
A	WAS .59 DIA. .03 DEEP.	2/27/57	J. J. WILSON	

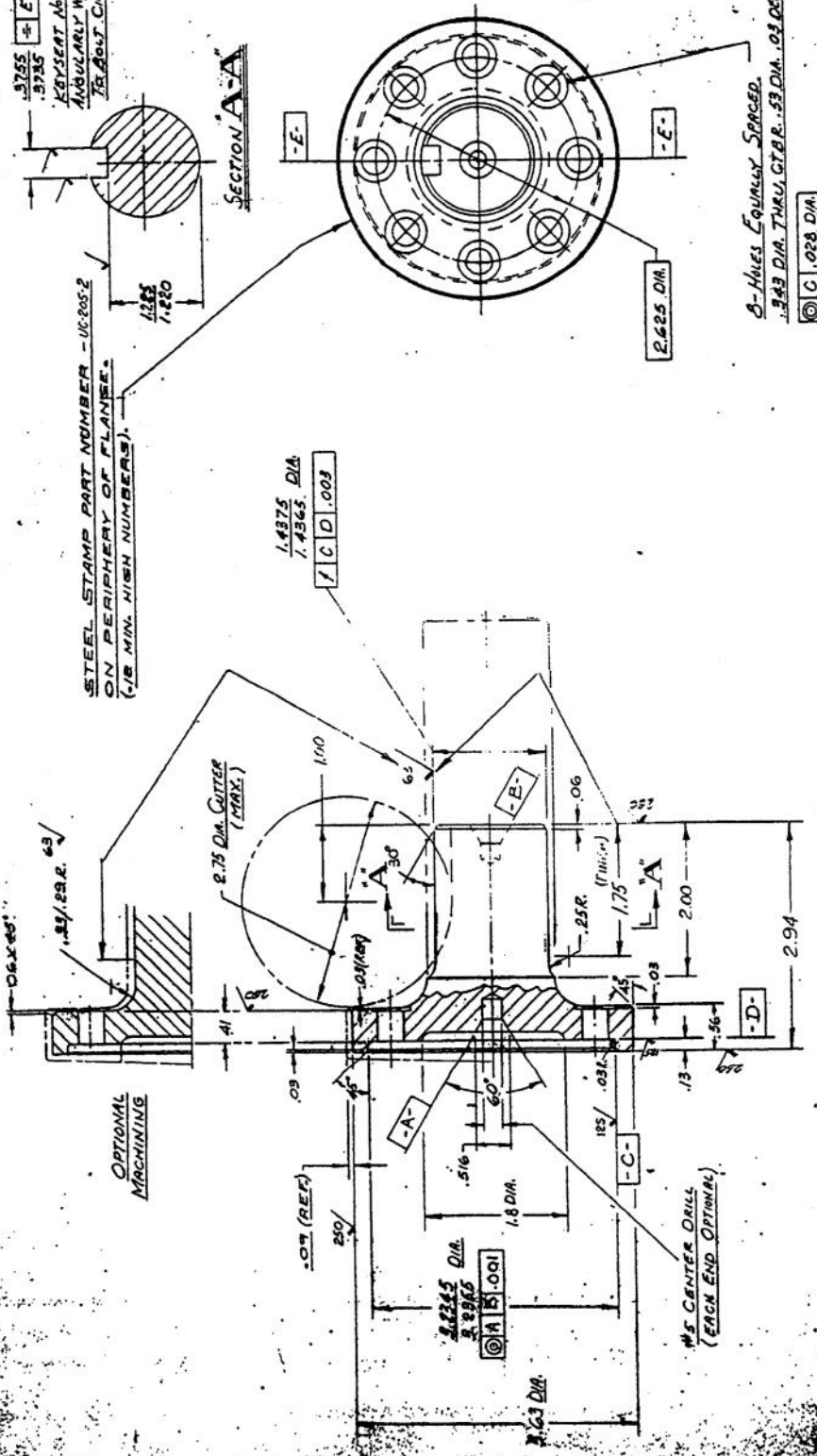
ITEM NO.	DESCRIPTION OF CHANGE	DATE	BY	APPROVED
D	FINISH ALLOWANCE .09	2/27/57	J. J. WILSON	
C	KEY SEAT NOT LOCATED ANGULARLY W/ RESPECT TO BOLT CIRCLE.	2/27/57	J. J. WILSON	
B	HEAT TREAT CYCLE	2/27/57	J. J. WILSON	
A	WAS .59 DIA. .03 DEEP.	2/27/57	J. J. WILSON	

3



UC-205-2

2 ↓



STEEL STAMP PART NUMBER - UC-205-2  
ON PERIPHERY OF FLANGE.  
(1/8 MIN. HIGH NUMBERS).

SECTION A-A

1.4375 DIA  
1.4365 DIA  
1 C D .003

8-HOLES EQUALLY SPACED.  
.543 DIA. THRU CTR. .53 DIA. .03 DEEP  
C .028 DIA.

TELEPHONE-RELAYS EXCEPT OTHERWISE  
INDICATED. MACHINED DIMENSIONS ± .010  
3 PLACE DECIMALS ± .001  
ANGULARITY ± 1'  
SURF. FIN. TO BE SPECIFIED  
UNLESS OTHERWISE NOTED  
ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED  
TO BE IN INCHES AND DECIMALS THEREOF  
DIMENSIONS IN PARENTHESES ARE FOR  
REFERENCE ONLY  
THIS DRAWING AND THE INFORMATION CONTAINED  
HEREIN ARE TO BE USED ONLY FOR THE  
PURPOSES FOR WHICH THEY WERE PREPARED  
AND ARE NOT TO BE USED FOR ANY OTHER  
PURPOSE WITHOUT THE WRITTEN CONSENT OF  
WIS-CON TOTAL POWER CORP.  
DO NOT SCALE THIS DRAWING

CAN BE MADE FROM FINISHED UC-205

DIMENSIONS & TOLERANCES  
PER ANSI Y14.5

REV. CDTG. No. UC-205

WIS-CON CRANKSHAFT CA-80-1

3

SYMBOL	DESCRIPTION OF CHANGE	DATE	BY	CHKD.	APP'D.
A	WAS CA-1286-415 11/10/58	11/10/58	WAS		

WIS-CON TOTAL POWER CORP.	
NAME	STEEL STAMP PART UC-205-2
DATE	11/10/58
BY	WAS
CHKD.	
APP'D.	

UC-205-2

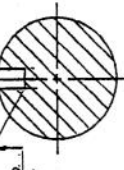
UC-205-B

1

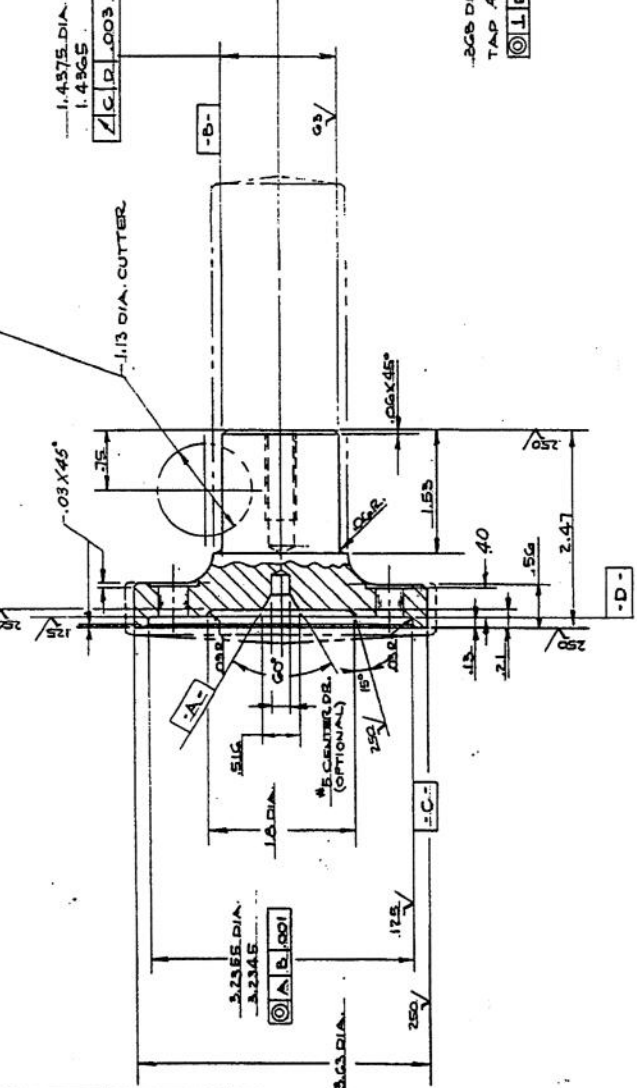
KEYSEAT NOT LOCATED ANGULARLY  
W/ RESPECT TO BOLT CIRCLE

1505-  
2487

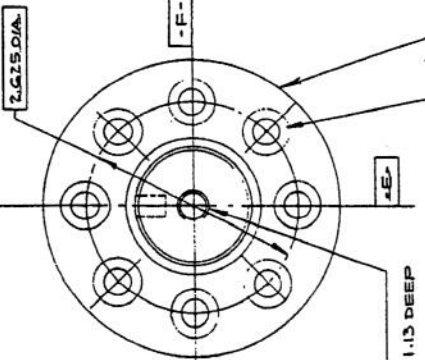
# E 004



WOODRUFF # 18  
KEY SLOT



SECTION THRU KEYWAY



.308 DIA. - 1.80 DEEP  
TAP 437-14 UNC 2B - 1.13 DEEP

8 HOLES EQUALLY SPACED  
.53 DIA. THRU - C/BORE .53 DIA.

2.625 DIA.

STEEL STAMP PART NO UC-205-B  
ON PERIPHERY OF FLANGE  
(.12 MIN. HIGH NUMBERS)

TOLERANCES - UNLESS SPECIFIED OTHERWISE	
FRACTIONAL MACHINED DIMENSIONS	± .010
3 PLACE DECIMALS	± .005
2 PLACE DECIMALS	± .01
ANGULARITY	± 1°
ROUNDNESS	± .001
WAVELENGTH	± .015
REMOVE ALL BURRS	
NOTIFY ENGINEER IF ANY DIMENSIONS ARE TO	
ALL STANDARD MARK AND SHAVE	
DO NOT SCALE THIS DRAWING	

REV	DATE	BY
1	12-15-50	WAS
2	1-10-51	WAS
3	1-10-51	WAS
4	1-10-51	WAS
5	1-10-51	WAS
6	1-10-51	WAS
7	1-10-51	WAS
8	1-10-51	WAS
9	1-10-51	WAS
10	1-10-51	WAS
11	1-10-51	WAS
12	1-10-51	WAS
13	1-10-51	WAS
14	1-10-51	WAS
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100	1-10-51	WAS

UC-205-3

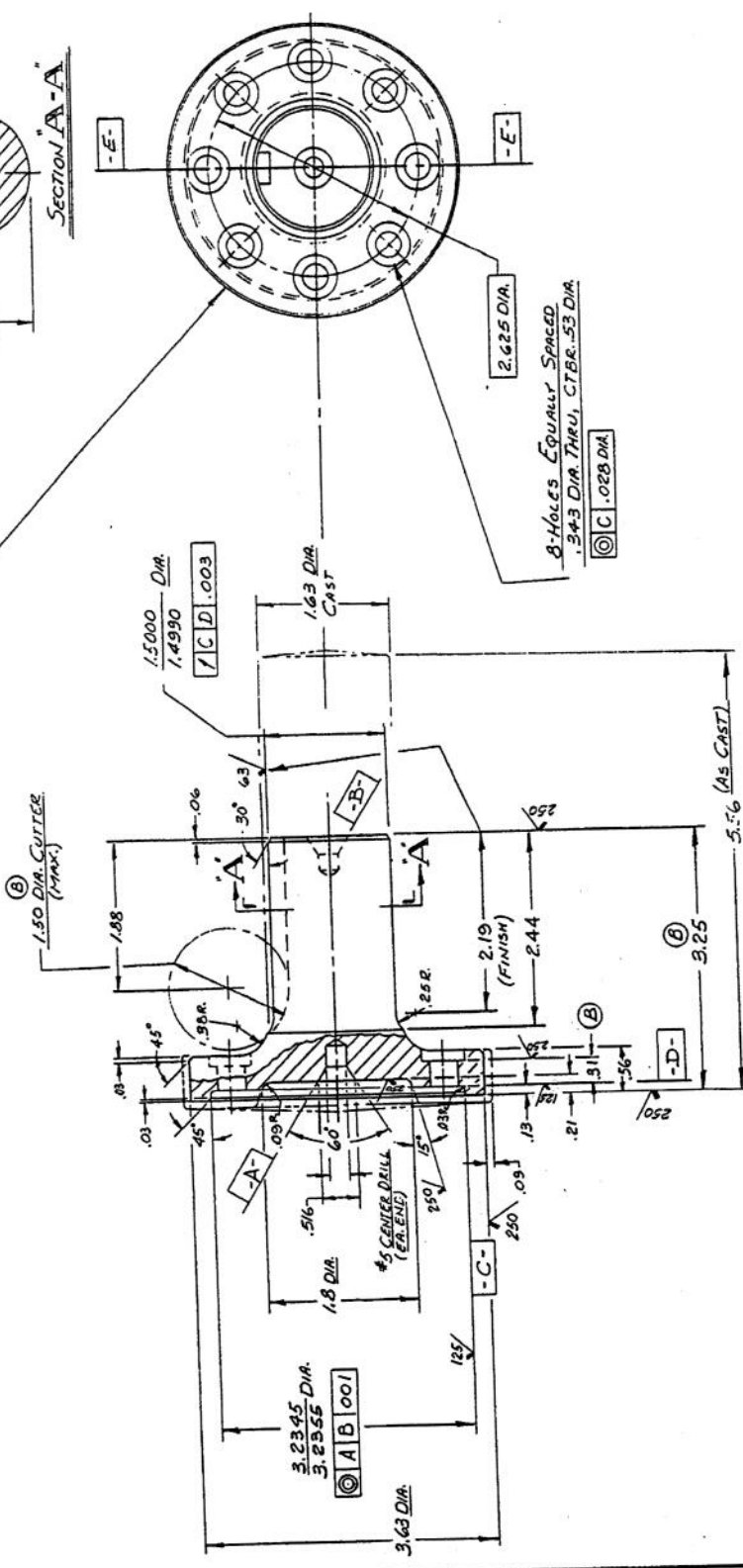
2

3

UC-205-4

KEYSEAT NOT LOCATED ANGULARLY W/RESPECT TO BOLT CIRCLE.

STEEL SHAFT PART NUMBER UC-205-4 ON PERIPHERY OF FLYING E. (.12 MIN. HIGH NUMBERS)



TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 3 PLACE DECIMALS = .005  
 2 PLACE DECIMALS = .01  
 ANNUALITY = 1"  
 RUNOUT .010 T.I.R.  
 V SURFACE FINISH  
 BRASS SHALL BE FINISHED TO ALL DIMENSIONAL TOLERANCES APPLY TO ALL SURFACES UNLESS OTHERWISE SPECIFIED.  
 DO NOT SCALE THIS DRAWING.

REV.	DESCRIPTION OF CHANGE	DATE	BY
B	REORDERING 3.25 WAS 5.44 231E5	1/10/81	W.K.
A	2-1/2 DIA CUTTER 1.50 WAS 2.51-311A4-01	9/1/81	W.K.
A	WAS EP-1286-432 22803C	9/1/81	W.K.
SYN. JOURN.	DESCRIPTION OF CHANGE <td>CHANGE NO. <td>DATE </td></td>	CHANGE NO. <td>DATE </td>	DATE

FINISH ALLOWANCE .009  
 CASTING TOLERANCE  
 0" - 4" ± .03  
 4" - 8" ± .05  
 DIMENSIONS & TOLERANCES PER ANS I Y 14.5

USE WITH CRANKSHAFT CA-88-1

PATTERN & RGH. CASTING NO UC-205

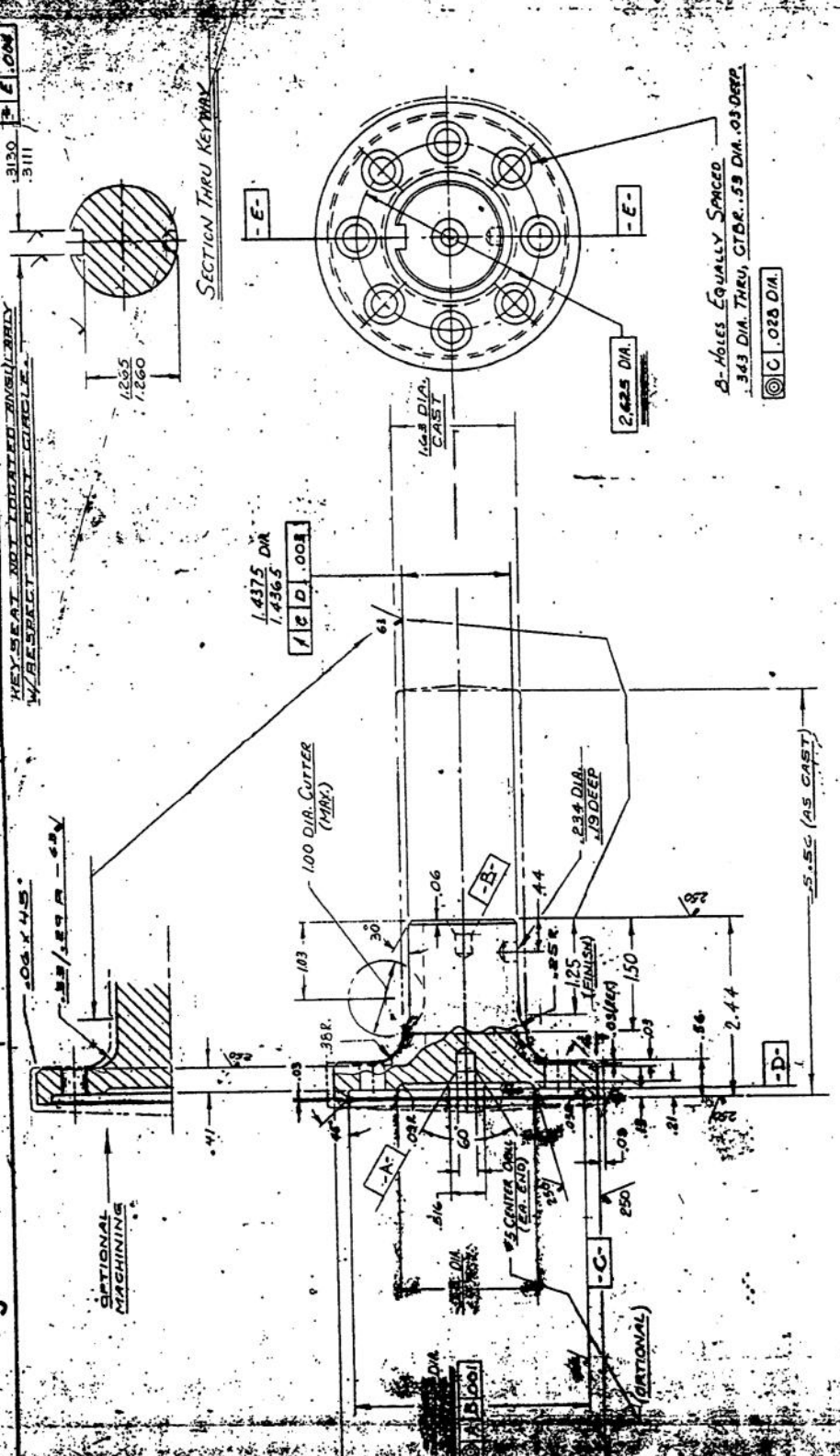
NAME	STUB SHAFT (T.O.END)
MATERIAL	DUCTILE IRON S.A.E. D 5306
DATE	9-17-81
FILE NO.	UC-205-4

UC-205-5

1

2

3



USE W/ CRANKSHAFT CA-88 &  
ROCKFORD 5 1/2 CLUTCH WC-288A

FINISH ALLOWANCE .02  
CASTING TOLERANCE  
C-F ±.02  
D-B ±.05  
DIMENSIONS & TOLERANCES  
PER ANSI Y14.5

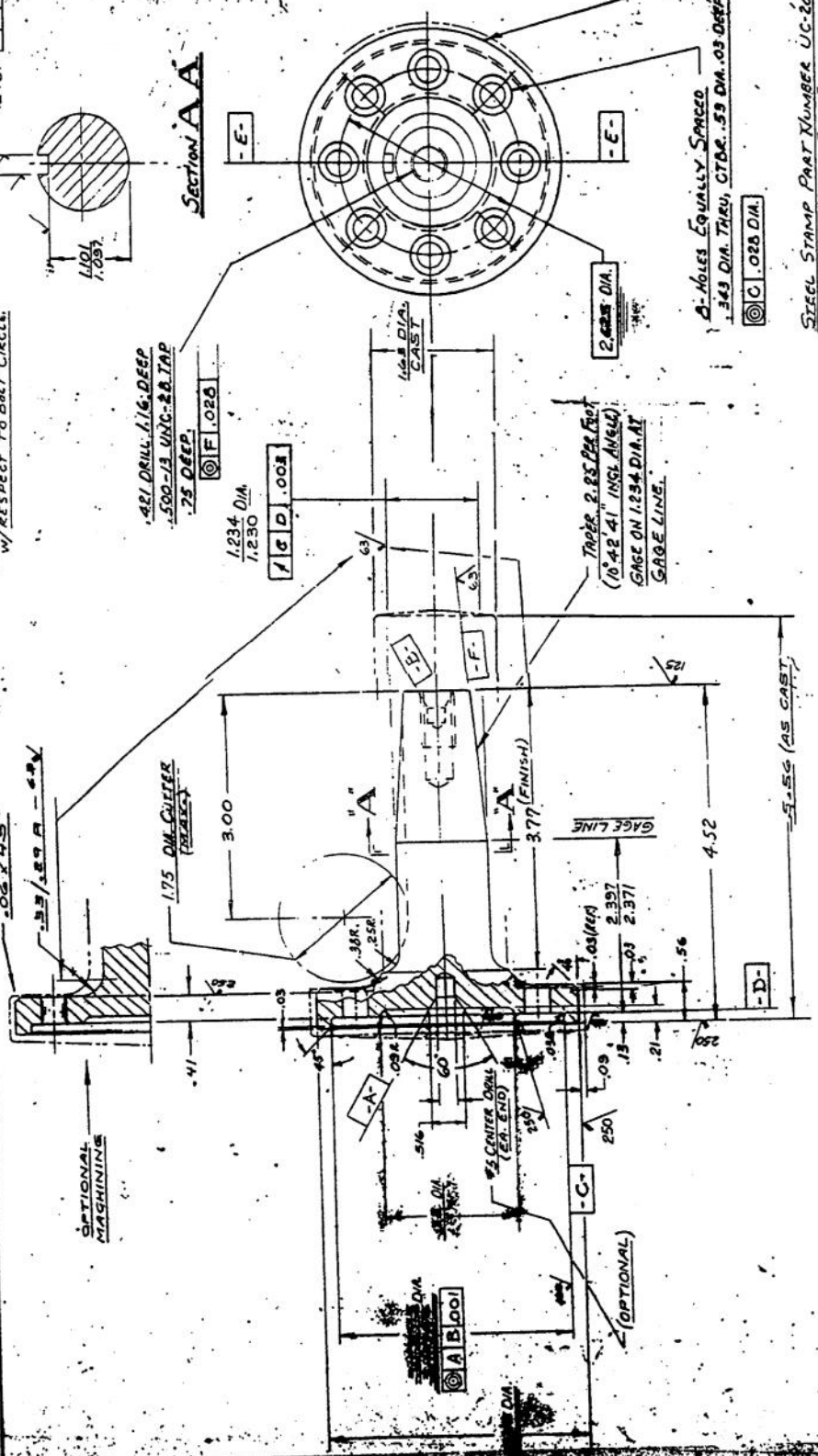
PATTERN FROM CASTING N8 XUC-205

WARRANTY: ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES AND DECIMALS THEREOF.
3. PLACE DIMENSIONS & FINISH SYMBOLS IN INCHES AND DECIMALS THEREOF.
4. PLACE DIMENSIONS & FINISH SYMBOLS IN MILLIMETERS AND DECIMALS THEREOF.
5. DIMENSIONS & TOLERANCES ARE GIVEN IN MILLIMETERS AND DECIMALS THEREOF.
6. DIMENSIONS & TOLERANCES ARE GIVEN IN MILLIMETERS AND DECIMALS THEREOF.
7. DIMENSIONS & TOLERANCES ARE GIVEN IN MILLIMETERS AND DECIMALS THEREOF.
8. DIMENSIONS & TOLERANCES ARE GIVEN IN MILLIMETERS AND DECIMALS THEREOF.
9. DIMENSIONS & TOLERANCES ARE GIVEN IN MILLIMETERS AND DECIMALS THEREOF.
10. DIMENSIONS & TOLERANCES ARE GIVEN IN MILLIMETERS AND DECIMALS THEREOF.

UC-205-5

UC-205-6

KEYSEAT NOT LOCATED ANGULARLY  
W/ RESPECT TO BOLT CIRCLE



USE W/ CRANKSHAFT CA-80-1

STEEL STAMP PART NUMBER UC-205-6  
ON PERIPHERY OF FLANGE.  
(#2 MIN. HIGH NUMBERS.)

FINISH ALLOWANCE .09  
CASTING TOLERANCE  
Q-F 1.09  
4-B 2.05  
DIMENSIONS & TOLERANCES  
FOR ANSI Y14.5

HEAT TREAT CYCLE:  
A. HEAT TO 1650°F.  
B. FURNACE COOL TO 1450°F.  
C. AIR COOL, DRAW TO 217-255 BHN.

PATTERN # BHM-CASTING N# XUC-205

REF. EP-1286-488

REVISIONS		REVISIONS BY CHANGE	
NO.	DATE	BY	CHKD.
1	10-28-59	WIS-CON	WIS-CON
2	11-10-59	WIS-CON	WIS-CON
3	11-10-59	WIS-CON	WIS-CON
4	11-10-59	WIS-CON	WIS-CON
5	11-10-59	WIS-CON	WIS-CON
6	11-10-59	WIS-CON	WIS-CON
7	11-10-59	WIS-CON	WIS-CON
8	11-10-59	WIS-CON	WIS-CON
9	11-10-59	WIS-CON	WIS-CON
10	11-10-59	WIS-CON	WIS-CON

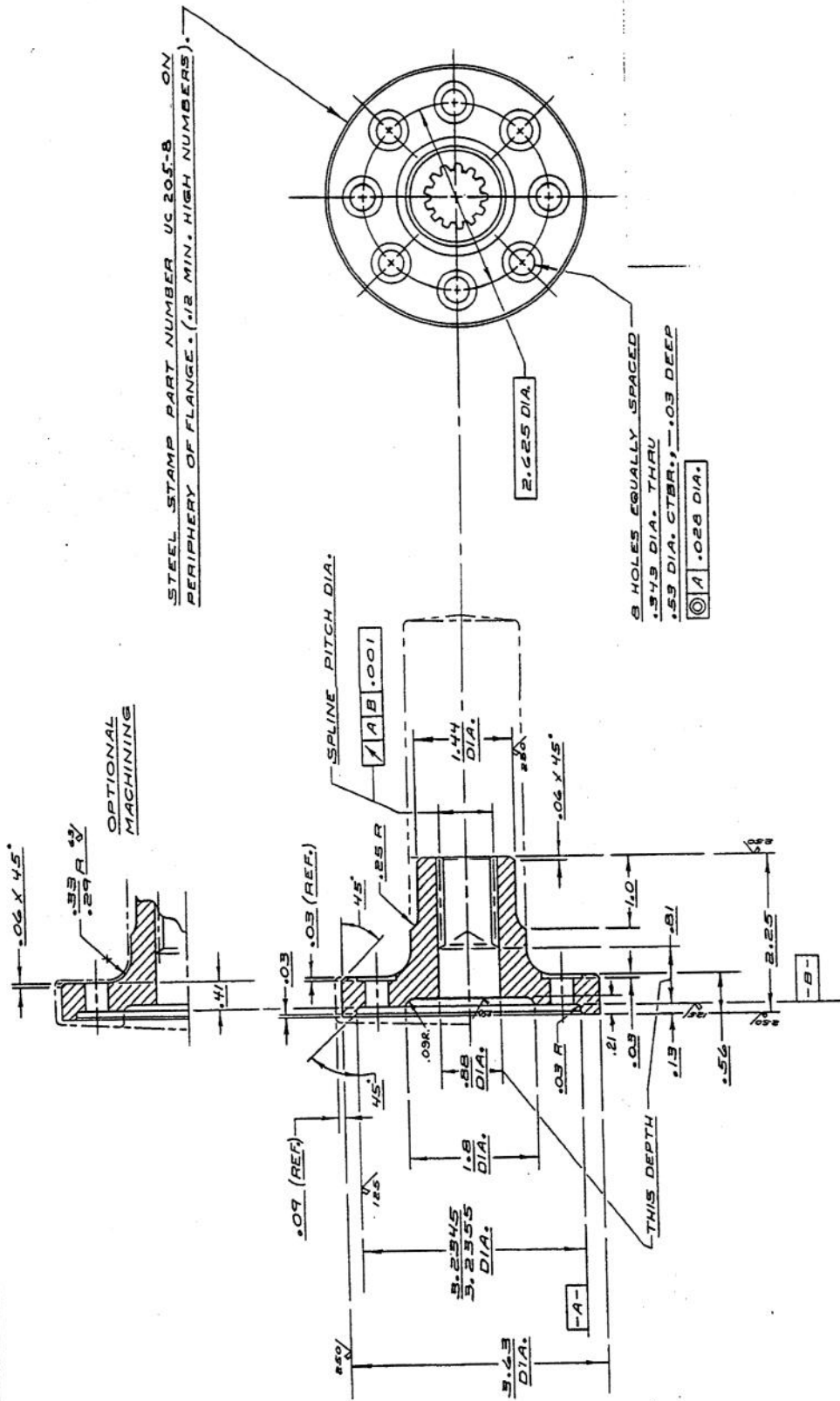
WIS-CON TOTAL POWER CORP.  
1750 WISCONSIN ST. MILWAUKEE, WIS. 53233  
TELEPHONE 462-1212

UC-20





1 4 Y 1



STEEL STAMP PART NUMBER UC 205-B ON PERIPHERY OF FLANGE. (.12 MIN. HIGH NUMBERS).

8 HOLES EQUALLY SPACED  
 .543 DIA. THRU  
 .59 DIA. CTBR., .03 DEEP  
 (A) .026 DIA.

INTERNAL SPLINE DATA:  
 MAJOR DIA. FIT  
 16/32 DIAMETRAL PITCH  
 15 TEETH  
 30° PRESSURE ANGLE  
 .8125 PITCH DIA.  
 .6601 T.I.F. DIA. MAX.  
 .8750/.9758 MAJOR DIA.  
 .7508/.7500 MINOR DIA.  
 .6472/.6508 MEASURED  
 BETWEEN .1080 DIA. PINS

DIMENSIONS AND TOLERANCE PER ANSI Y14.5  
 SUGGEST CASTING NO. XUC-205

TOLERANCES—UNLESS OTHERWISE SPECIFIED  
 1 FRACTIONAL MACHINED DIMENSIONS ± .010  
 2 PLACE DECIMALS ± .005  
 3 PLACE DECIMALS ± .01  
 ANGULARITY ± 1°  
 RUNOUT .010 T.I.R.  
 ✓ SURFACE FINISH  
 REFINISH ALL SURFACES R10—R15  
 COMMERCIAL TOLERANCES APPLY TO ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED  
 DO NOT SCALE THIS DRAWING

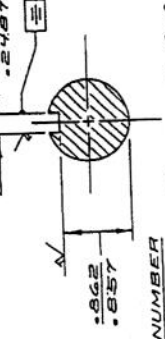
THE DIMENSIONS AND TOLERANCES SHOWN ARE THE MANUFACTURER'S RESPONSIBILITY. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER INTERPRETATION OF THE DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER INTERPRETATION OF THE DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER INTERPRETATION OF THE DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING.

SYN. NO.	DESCRIPTION OF CHANGE	CHANGE NO.	DATE	BY
1	WAS EP12G-525			

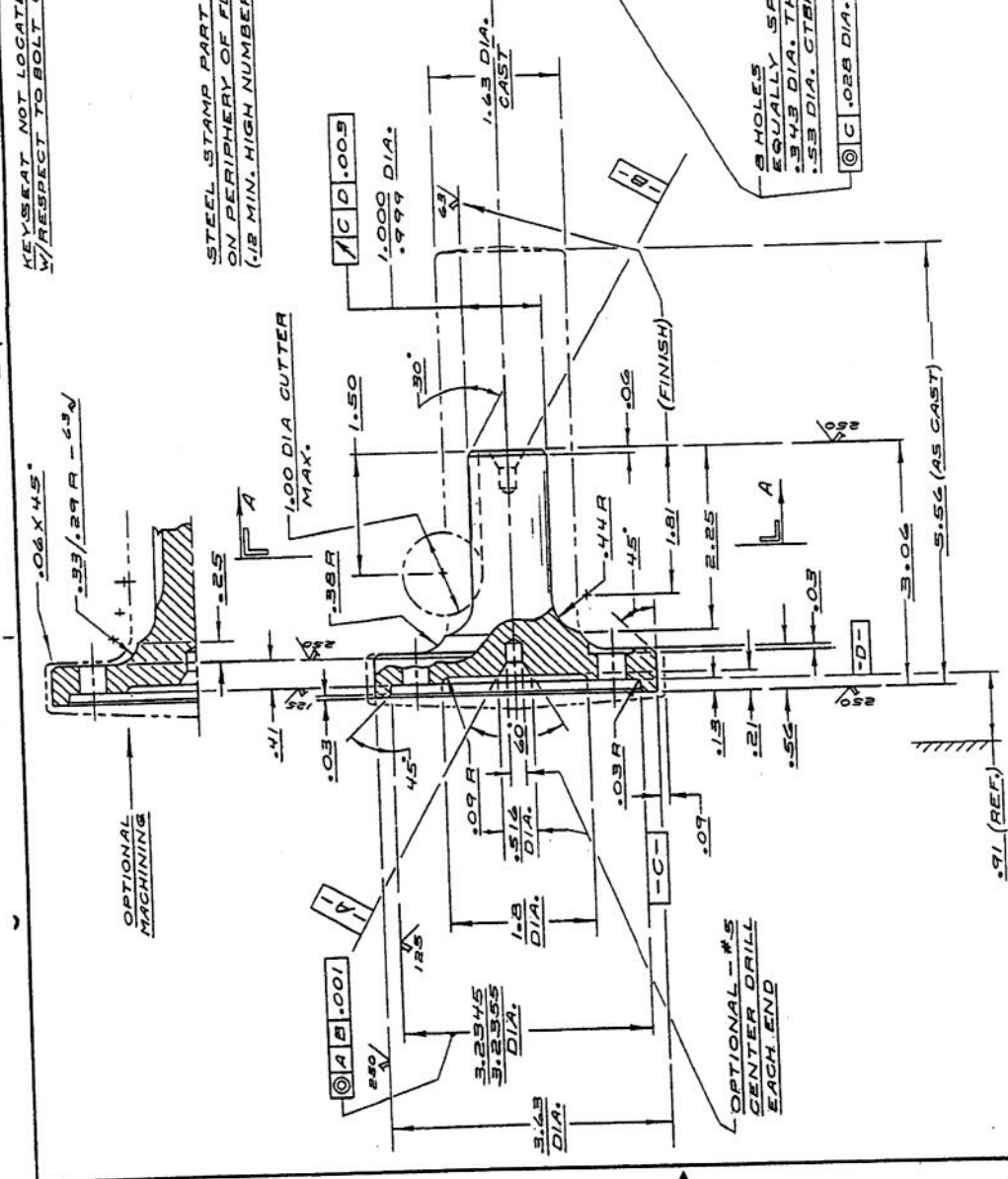
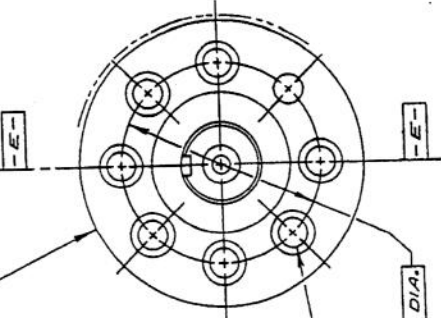
NAME: **STUB SHAFT T-0-E2**  
 MTL: **SEE XUC-205 CASTG. DRAWG.**  
 DR: **D.L.V. 1-28-83**  
 UC 207

UC-205-3

KEYSEAT NOT LOCATED ANGULARLY  
W/ RESPECT TO BOLT CIRCLE.



STEEL STAMP PART NUMBER  
ON PERIPHERY OF FLANGE  
(.12 MIN. HIGH NUMBERS.)



TOLERANCES—UNLESS SPECIFIED OTHERWISE  
3 PLACE DECIMALS ± .005  
2 PLACE DECIMALS ± .01  
ANGULARITY ± 1°  
RUNDOUT .010 TYP.  
✓ SURFACE FINISH NUMBERS 810-015  
CONFORM TO MIL-STD-1312 UNLESS NOTED OTHERWISE  
COUNTERBORE TOLERANCES APPLY TO  
BEFORE ALL OTHERS  
DO NOT SCALE THIS DRAWING

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REV.	DATE	BY	DESCRIPTION OF CHANGE
1	4/26/58	WAS	EP-1206-520 23306
2	10/28/58	WAS	EP-1206-520 23306

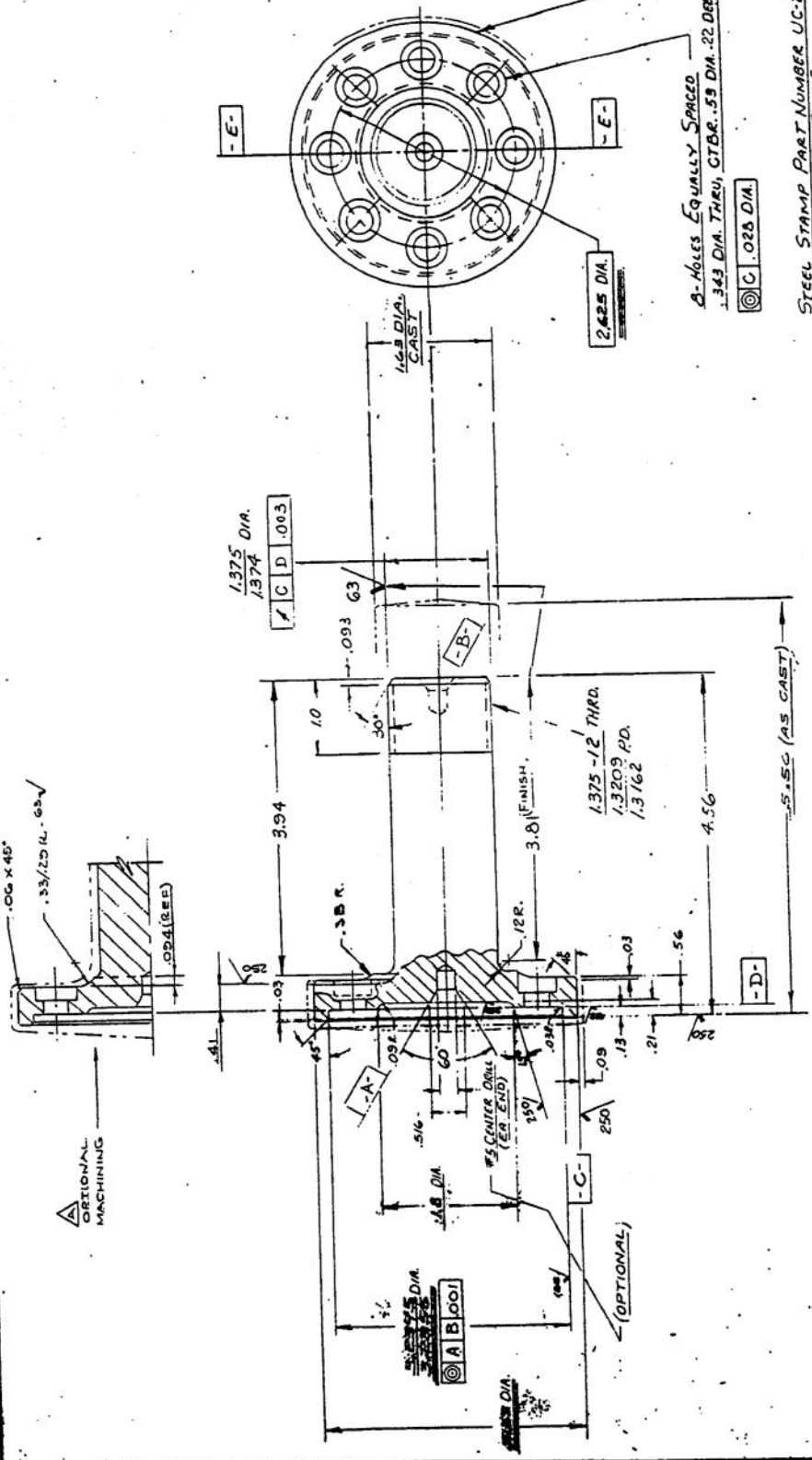
WIS-CON TOTAL POWER CORP.  
STUB SHAFT - T.O.E.  
MAIL SEE XUC-205 CASTING DRAWING  
PRICE NO.  
UC-205-9

DIMENSIONS & TOLERANCE  
PER ANSI Y14.5  
PATTERN # RGH. CASTING NO XUC-205

1 UC-205-10

2

3



**HEAT TREAT CYCLE:**

1. HEAT TO 1650°F
2. FURNACE COOL TO 1450°F
3. AIR COOL, DRAW TO 217-255 BHN.

FINISH ALLOWANCE .09

CASTING TOLERANCE

Q -  $\pm .03$

4 -  $\pm .05$

DIMENSIONS & TOLERANCES  
PER ANSI Y14.5

PATTERN # RBH. CASTING NO XUC-205

1	2	3	4	5	6	7	8	9	10
OPTIONAL MACHINING	ASSEMBLY	DESCRIPTION OF CHANGE	DATE	BY	CHKD BY	DATE	BY	CHKD BY	DATE
4% WIS-CON TOTAL POWER CORP.									
NAME: <b>STUB SHAFT (1.63 DIA)</b>									
MATERIAL: <b>STEEL (S.A.E. 52100)</b>									
DRAWN: <b>K.G.B. 11-83</b>									
DATE: <b>11-83</b>									
PART NO.: <b>UC-205-10</b>									
CHECKED BY: <b>UC-205-10</b>									
DATE: <b>11-83</b>									

3

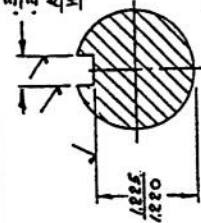


UC-206

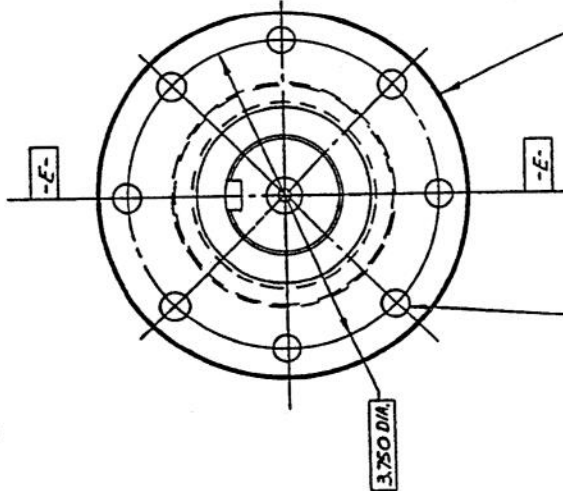
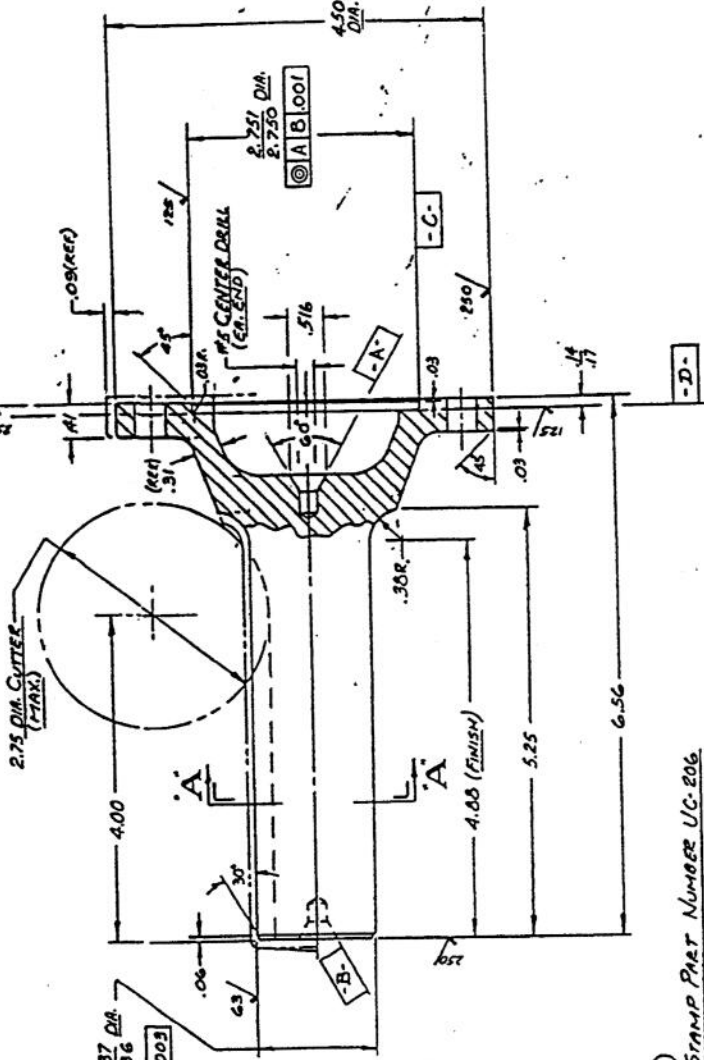
2 V

3

.3755  $\pm$  .004  
KEYSEAT NOT LOCATED ANGULARLY  
W/RESPECT TO BOLT CIRCLE.



Section A-A



STEEL STAMP PART NUMBER UC-206  
ON PERIPHERY OF FLANGE.  
(.1E MIN. HIGH NUMBERS.)

B HOLES .344 DIA THRU - EQUALLY  
SPACED.  $\text{\textcircled{C}} .028 \text{ DIA.}$

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DESIGNER-CHASSIS APPROVED DIMENSIONS  
FUNCTIONAL MATERIALS & JOBS  
& PLACE DECIMALS & UNITS  
ANALYST & I.  
SURFACE FINISH  
BREAK SHOWN UNLESS OTHERWISE NOTED  
DIMENSIONAL TOLERANCES APPLY TO ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED  
DO NOT SCALE THIS DRAWING

DATE	BY	CHANGE NO.	DESCRIPTION OF CHANGE
12/10/64	JAC	22971	REVISED DRAWING FOR REVISION

NAME: STUB SHAFT - EM END (HIGHWAYS)  
DATE: 12/10/64  
FILE NO. UC-206

DIMENSIONS & TOLERANCES  
PER ANSI Y14.5

PATTERN & RGN CSTG: XUC-206

UC-206

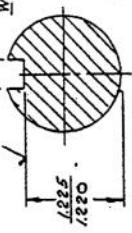
1 of 1

1 UC-206-1

2 Y

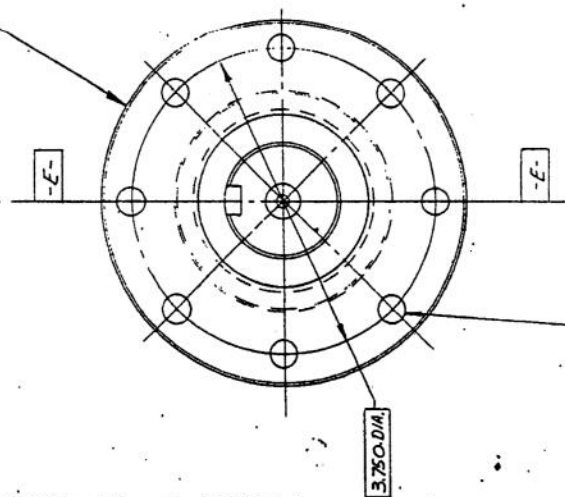
3

.3755 ± .004  
.3735  
KEYSEAT NOT LOCATED ANGULARLY  
W/RESPECT TO BOLT CIRCLE.

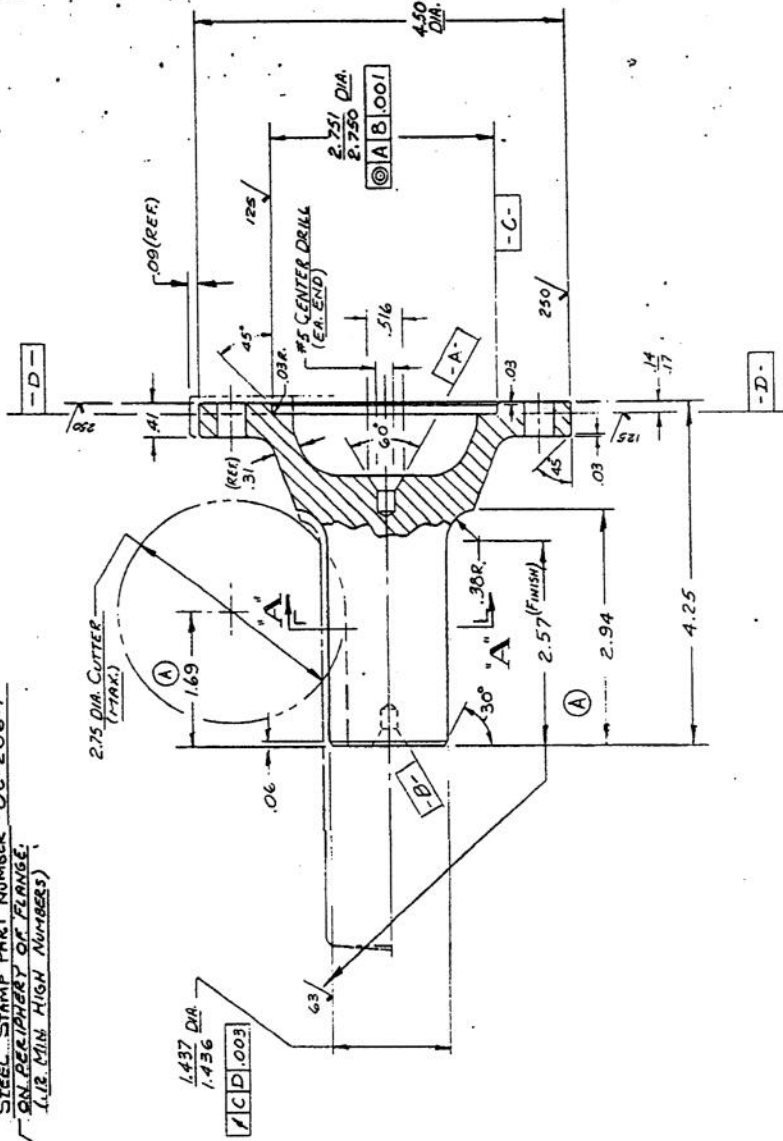


SECTION A-A

(A) STEEL STAMP PART NUMBER UC-206-1  
ON PERIPHERY OF FLANGE.  
(1/2 MIN HIGH NUMBERS)



B- HOLES .344 DIA THRU - EQUALLY  
SPACED. (C) .008 DIA



RELEASED—UNLESS SPECIFIED OTHERWISE  
FRACTIONAL MACHINED DIMENSIONS ± .010  
FRACTIONAL TURNED DIMENSIONS ± .005  
ANGULARITY ± 1'  
RUNOUT .010 T.I.R.  
V SURFACE FINISH  
BREAK SHARP CORNERS .010 ± .012  
RESISTANCE TO CORROSION—STEEL  
PRESIDENTIAL TOLERANCES APPLY TO  
ALL STANDARD BEAT AND SHAPE  
DO NOT SCALE THIS DRAWING

REV	DATE	DESCRIPTION OF CHANGE	CHANGE NO.	BY	CHK
B	12-86-399	WAS EP-12-86-399	22193C	YH	LK
A	1-87	NOTE ADDED 1.41 WAS 1.50, 2.57 WAS 14.32 2.751 WAS 2.750		9/1	LK

NAME: STUB SHAFT-FIN. END (MACHINING)	
MAIL: 526 XUC-206, 5th. #1	
DRAWN: A. J. B.	
DATE: 1-81	
PIECE NO.	
UC-206-1	

CAN BE MADE FROM FINISHED UC-206  
DIMENSIONS & TOLERANCES  
PER ANSI Y 14.5

PATTERN & RGH. C'STG. XUC-206

3

2 1



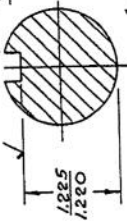


1 UC-206-3

2 ↓

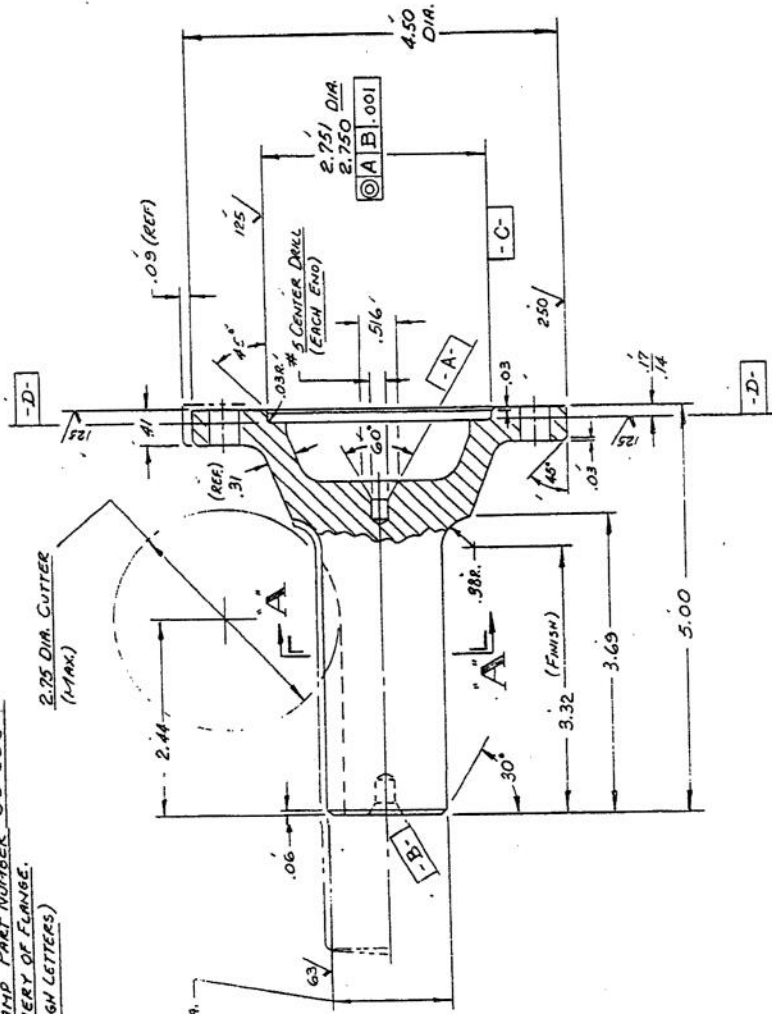
3

3755 ± E .004  
3735  
KEYSEAT NOT LOCATED ANGULARLY  
W/ RESPECT TO BOLT CIRCLE.



STEEL STAMP PART NUMBER UC-206-3  
ON PERIPHERY OF FLANGE.  
(.12 MIN. HIGH LETTERS)

SECTION A-A



1.437 DIA.  
1.436  
C D .003

3.750 DIA.

8-Holes .344 DIA. THRU  
EQUALLY SPACED  
C .028 DIA.

CAN BE MADE FROM FINISHED UC-206

DIMENSIONS & TOLERANCES  
PER ANSI Y14.5

PATTERN & RGH. CSTD. XUC-206

UNLESS OTHERWISE SPECIFIED OTHERWISE  
FRACTIONAL DIMENSIONS ± .010  
3 PLACE DECIMALS ± .005  
2 PLACE DECIMALS ± .01  
ANGULARITY ± 1°  
RUNOUT .010 T.I.R.  
SURFACE FINISH  
COMMERCIAL TOLEMAN HAS SURFACES TO  
REMOVE ALL BURRS  
DO NOT SCALE THIS DRAWING

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OR MECHANICAL, INCLUDING PHOTOCOPYING,  
RECORDING, OR BY ANY INFORMATION  
RETRIEVAL SYSTEM.

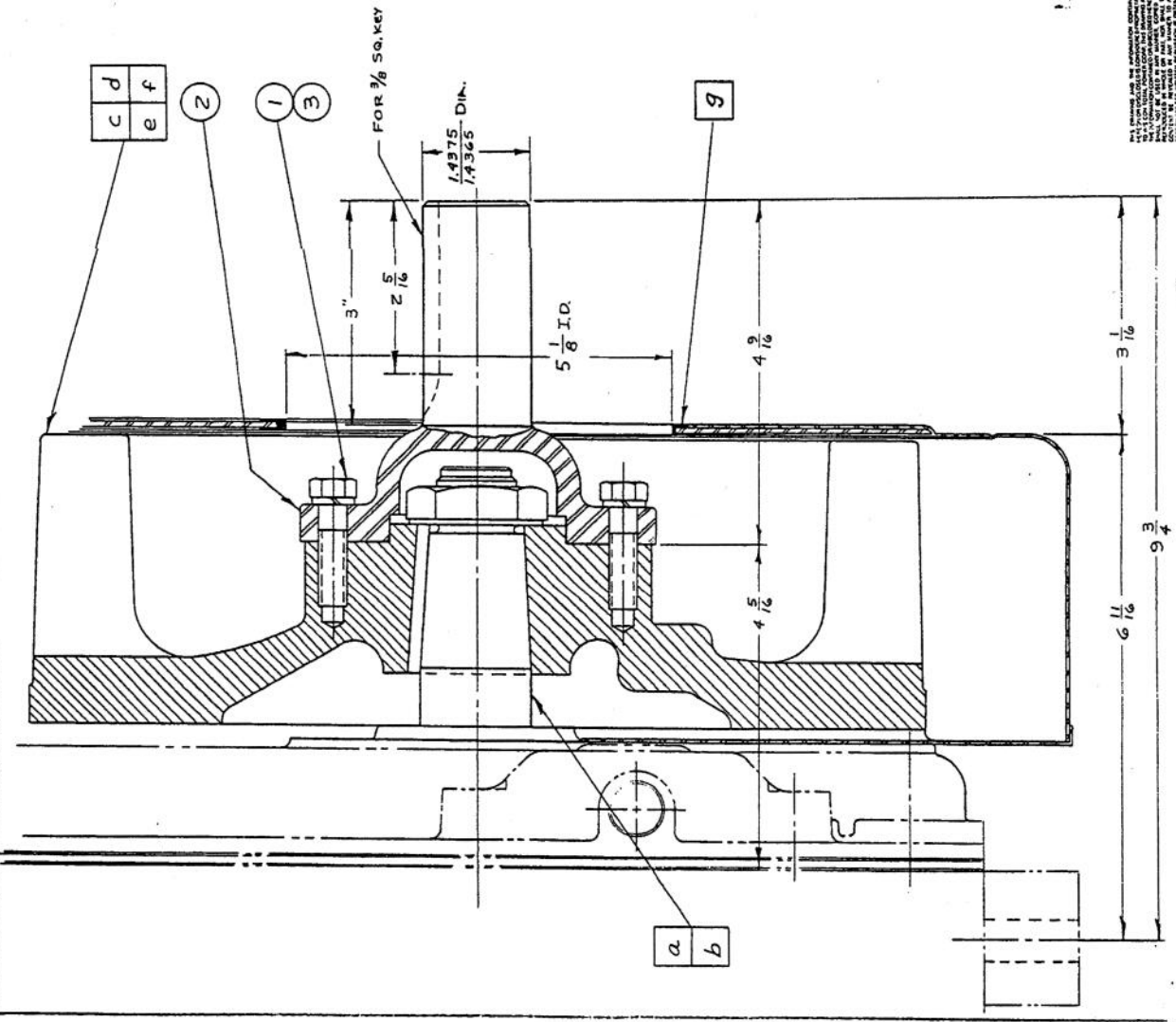
SYN. ZONE	RELEASED	23318	6-23	BT
NO.	DESCRIPTION OF CHANGE	NO.	DATE	

WIS-CON TOTAL POWER CORP.  
NAME: STUB SHAFT K.W. END (MACHINING)  
MATERIAL: SAE XUC-206 SH # 1  
DR. L.K.G. 8-13-83  
PRICE NO. UC-206-3

3

2 ↑

1



- 6 PE-5 LOCK WASHER
- 1 UC60-4 STUB SHAFT
- 6 XD-29 SCREW

3/8" x 1/4"

ASSEMBLY		VHAD		UCA-100	
1	CA-71A-80	CRANKSHAFT	CA-71-N	CONVERTER	ASSEMBLY
1	CA-71A-81	FLYWHEEL	CA-71-A	CONVERTER	UNIT
1	N-101-8	FLYWHEEL	NC-140-G	FWA, 10 AMP	
1	N-101-12	FLYWHEEL	NC-140-G	FWA, 25 AMP	
1	N-101-14	FLYWHEEL	NC-140-G	WITH RING GEAR	
1	NC-140J-14	FLYWHEEL	NC-140-G		
1	SE-20-B-1	SCREEN	SE-20-B-8	VHAD	
1	N-101-20	FLYWHEEL	N-101-17	W4-17710	
				FWA 25AMP (W4-17710)	

SK-646-1 FULL  
WIS-CON TOTAL POWER CORP.  
ASSEMBLY STUB SHAFT

UCA-100

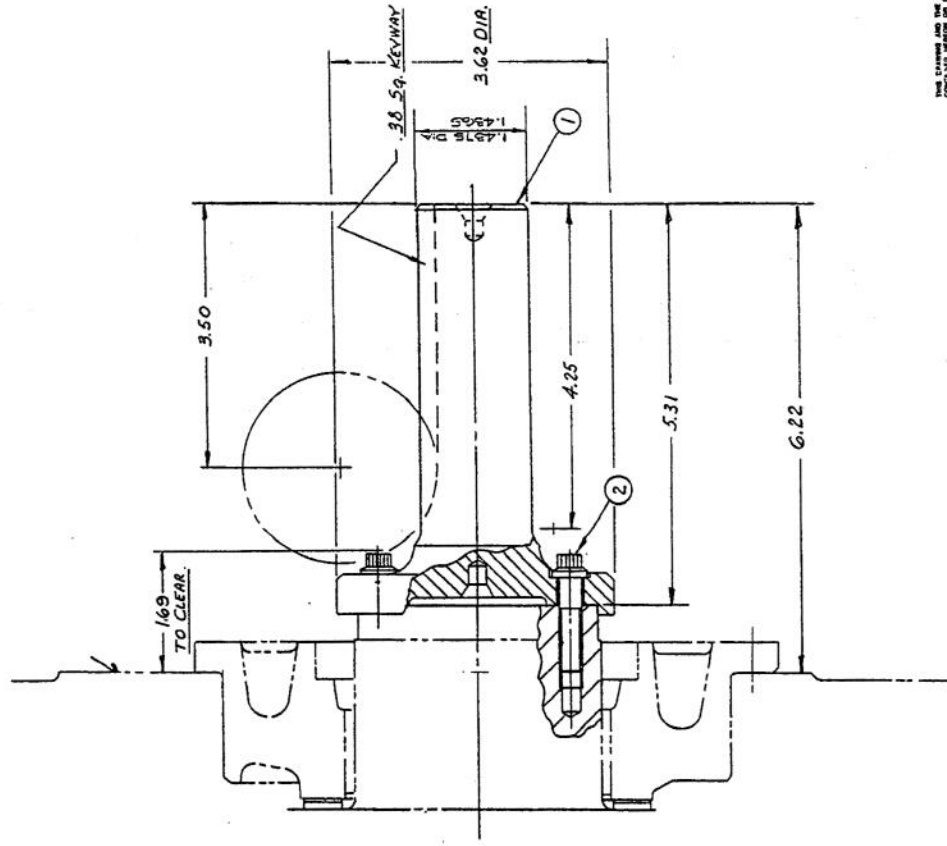
Drawn 7-29-76

VHAD

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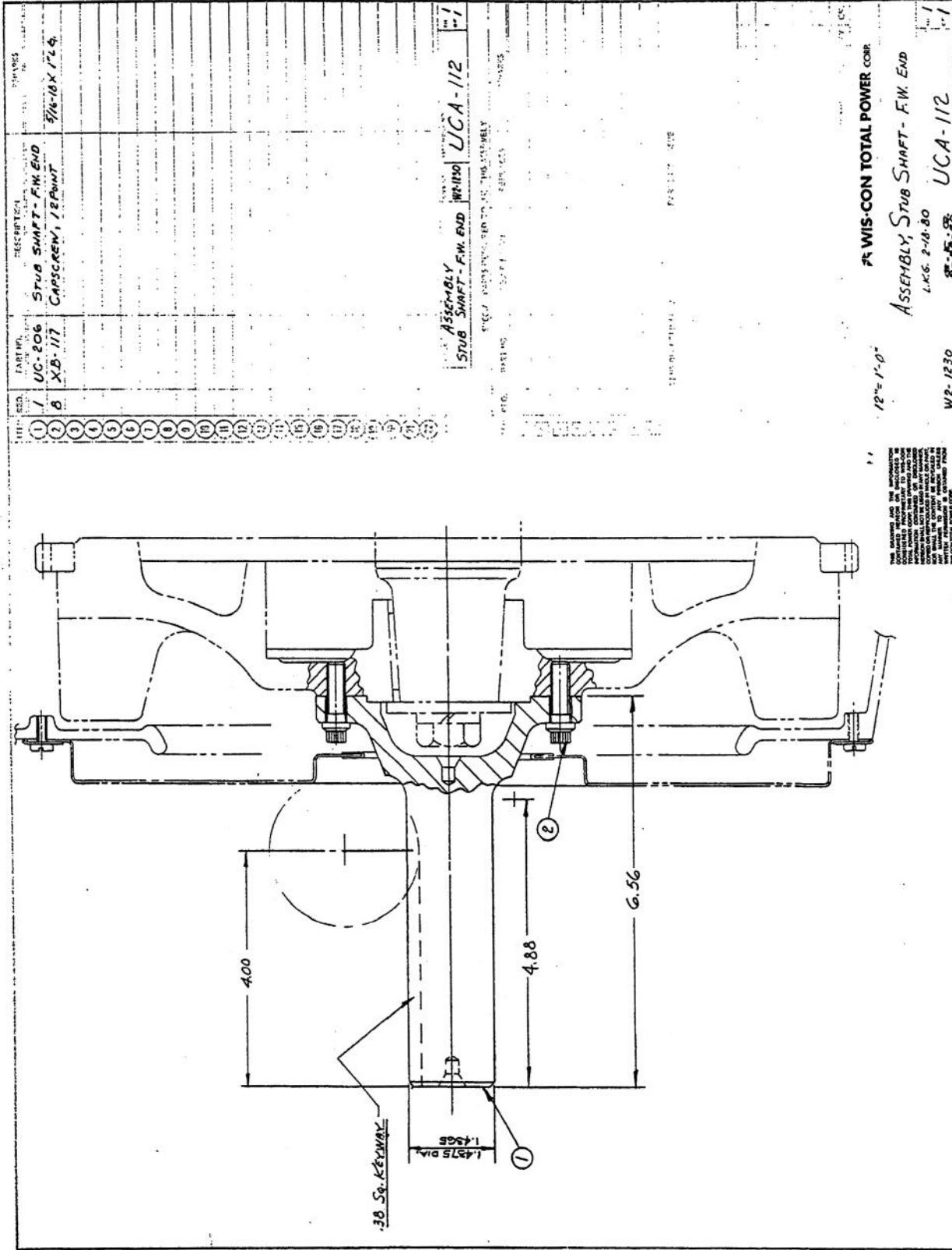
1 UC-205 CRANKSHAFT EXTENSION 5/16-18 X 1 1/4 L.G.  
 8 XB-116 CAPSCREW, 18PT

ASSEMBLY CRANKSHAFT EXT W/REVISION UCA-111



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12" ± 1'-0"  
 W2-1230  
 2-8-83 UCA-111  
 WIS-CON TOTAL POWER CORP.  
 ASSEMBLY, CRANKSHAFT EXTENSION  
 L. K. G. 2-18-80



QTY	PART NO.	DESCRIPTION	QUANTITY
1	UC-206	STUB SHAFT - F.W. END	1
8	X.B-117	CAPSCREW, 1/2" DIA.	8
1		ASSEMBLY	1
1		STUB SHAFT - F.W. END	1
1		UC-A-112	1

WIS-CON TOTAL POWER COR.

ASSEMBLY, STUB SHAFT - F.W. END

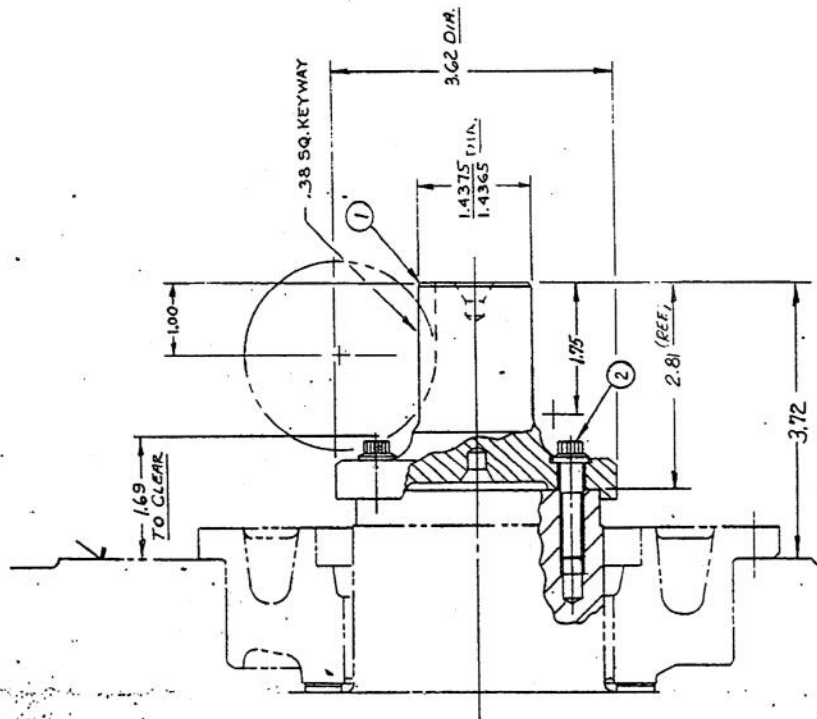
L.K.G. 2-10-80 UCA-112

W2-1230

12" x 1'-0"

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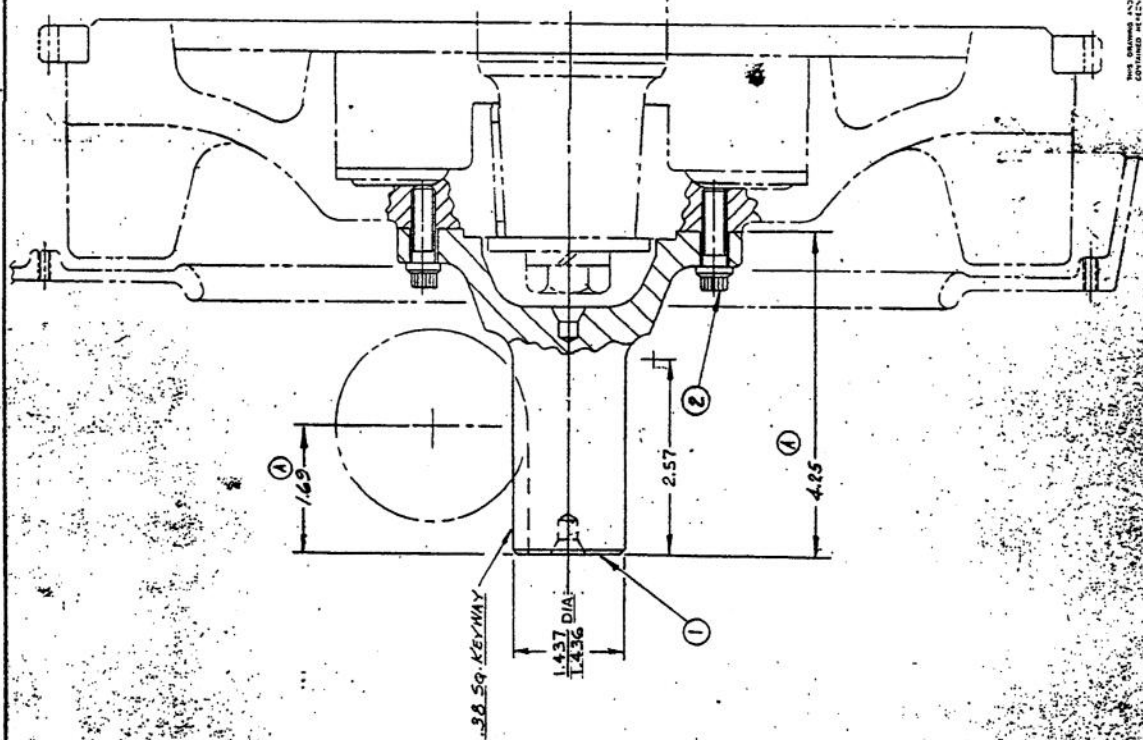
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ITEM NO.	REQ.	PART NO.	DESCRIPTION	REMARKS
1		UC-205-2	CRANKSHAFT EXTENSION	
2		XB-116	CAPSCREEN, 12 P.T.	3/4" B X 1/4" D TORQUE TO 8 FT LBS.
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ITEM NO.	REQ.	PART NO.	DESCRIPTION	REPLACES	REMARKS
SPECIAL PARTS REQUIRED TO USE THIS ASSEMBLY					
1		UC-115	ASSEMBLY CRANKSHAFT EXT.		
2		WP-1290			
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ITEM NO.	REQ.	PART NO.	DESCRIPTION	REPLACES	REMARKS
ITEMS DELETED FROM PARTS LIST ISSUE					
1		WAS EP-1286-416	DESCRIPTION OF CHANGE		
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SCALE: 1/2" = 1'-0"  
 TITLE: ASSEMBLY, CRANKSHAFT EXTENSION  
 PART NO.: WP-1290  
 DATE: 3-2-81  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 APPROVED BY: [Signature]  
 WIS-CON TOTAL POWER CORP.



ITEM REQ.	PART NO.	DESCRIPTION	REMARKS
1	UC-206-1	SHAFT SHAFT-FM END	
2	XB-117	CAPSCREW 1/8" DIA	5/16" X 1/4"
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TITLE ASSEMBLY SUB SHAFT-FM END  
 DRAWING NO. W-1111  
 UCA-116

ITEM REQ.	PART NO.	DESCRIPTION	REPLACES	REMARKS
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SPECIAL PARTS REQUIRED TO USE THIS ASSEMBLY  
 ITEMS DELETED FROM PARTS LIST ISSUE

REV.	DESCRIPTION OF CHANGE	DATE	BY
1	WAS EP-1286-400	2/20/58	
2	REPLACES EP-1286-400	2/20/58	

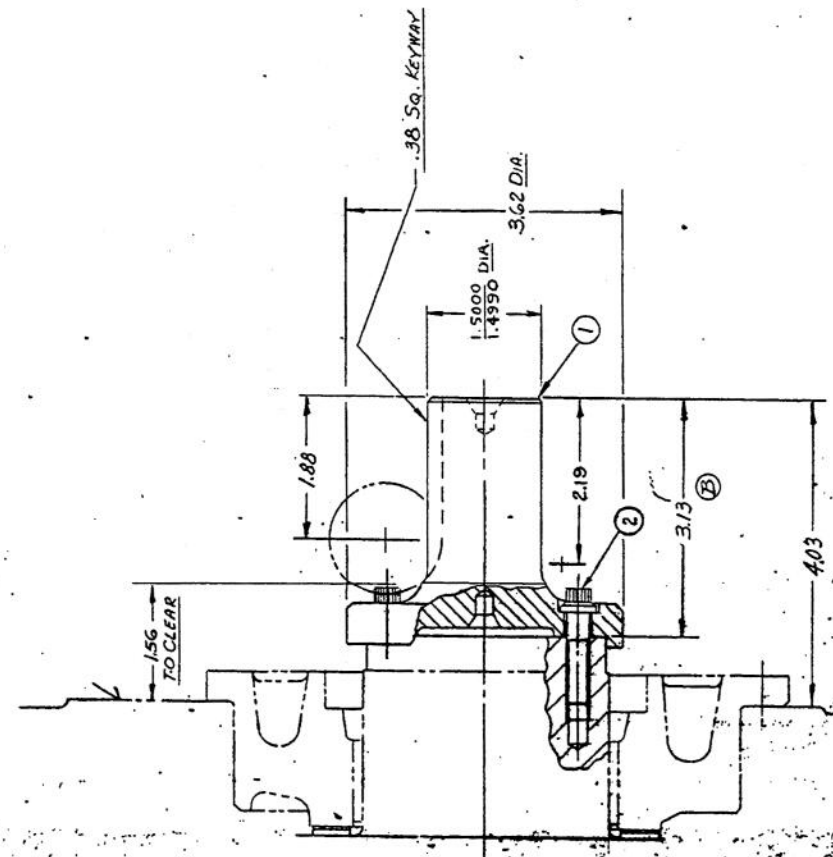
WIS-CON TOTAL POWER CORP  
 ASSEMBLY SUB SHAFT-FM END  
 DRAWING NO. W-1111  
 UCA-116

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ITEM NO.	PART NO.	DESCRIPTION	REMARKS
1	UC-708-4	CRANKSHAFT EXTENSION	FORBIDDEN TO BE USED TO
2	XB-116	CRANKSHAFT EXTENSION	TO BE USED TO
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ITEM NO.	PART NO.	DESCRIPTION	REMARKS
1	UC-708-4	CRANKSHAFT EXTENSION	
2	XB-116	CRANKSHAFT EXTENSION	
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ITEM NO.	PART NO.	DESCRIPTION	REMARKS
1	UC-708-4	CRANKSHAFT EXTENSION	
2	XB-116	CRANKSHAFT EXTENSION	
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ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.

ITEM NO.	PART NO.	DESCRIPTION	REMARKS
1	UC-708-4	CRANKSHAFT EXTENSION	
2	XB-116	CRANKSHAFT EXTENSION	
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ITEM NO.	PART NO.	DESCRIPTION	REMARKS
1	UC-708-4	CRANKSHAFT EXTENSION	
2	XB-116	CRANKSHAFT EXTENSION	
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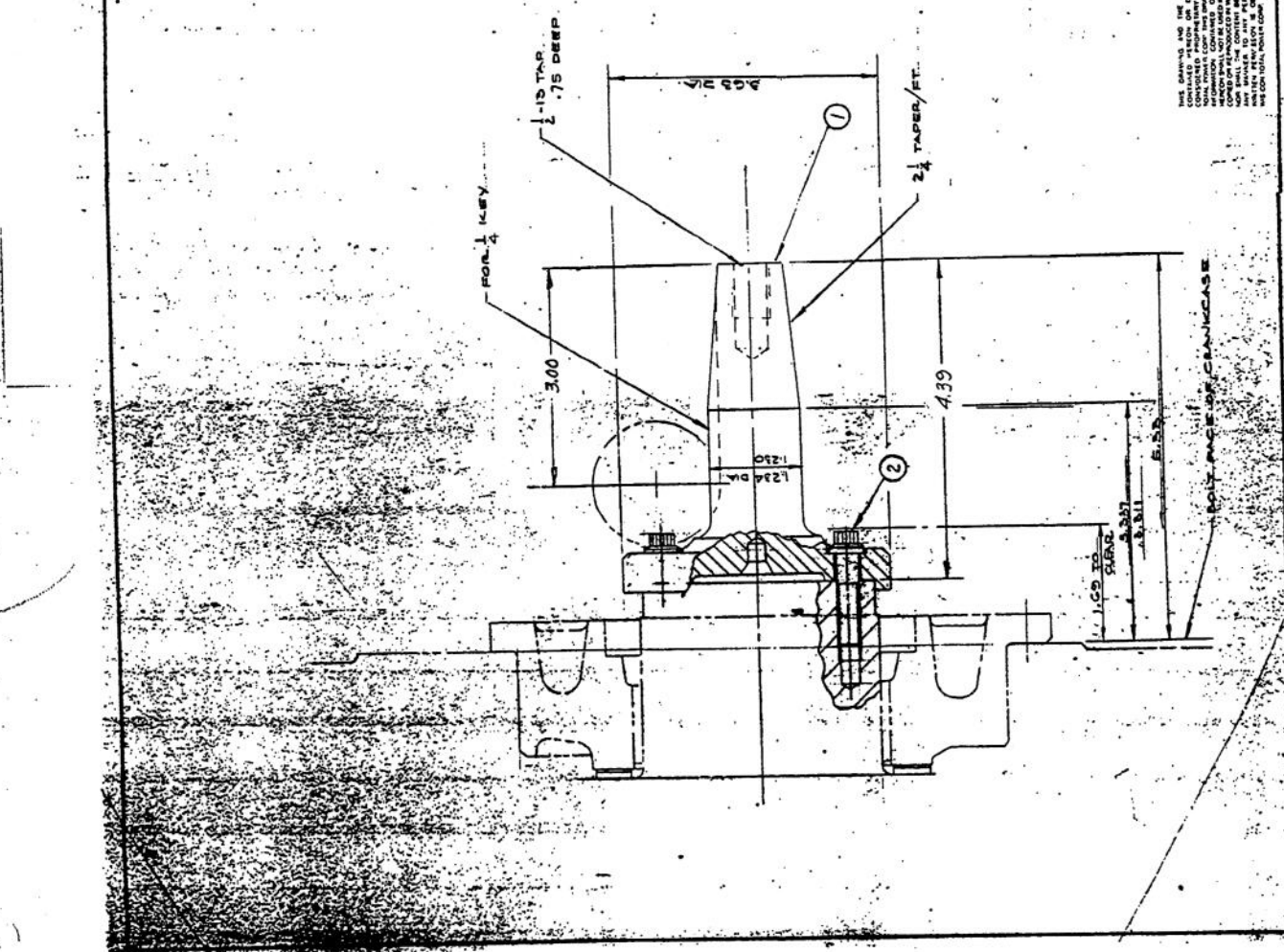
U.S. GOVERNMENT PRINTING OFFICE: 1967 O 300-117



ITEM NO.	QTY	PART NO.	DESCRIPTION	REMARKS
1	1	WIS-CON-505-6	CRANKSHAFT	
2	1	WIS-CON-505-7	CRANKSHAFT	
3	1	WIS-CON-505-8	CRANKSHAFT	
4	1	WIS-CON-505-9	CRANKSHAFT	
5	1	WIS-CON-505-10	CRANKSHAFT	
6	1	WIS-CON-505-11	CRANKSHAFT	
7	1	WIS-CON-505-12	CRANKSHAFT	
8	1	WIS-CON-505-13	CRANKSHAFT	
9	1	WIS-CON-505-14	CRANKSHAFT	
10	1	WIS-CON-505-15	CRANKSHAFT	
11	1	WIS-CON-505-16	CRANKSHAFT	
12	1	WIS-CON-505-17	CRANKSHAFT	
13	1	WIS-CON-505-18	CRANKSHAFT	
14	1	WIS-CON-505-19	CRANKSHAFT	
15	1	WIS-CON-505-20	CRANKSHAFT	
16	1	WIS-CON-505-21	CRANKSHAFT	
17	1	WIS-CON-505-22	CRANKSHAFT	
18	1	WIS-CON-505-23	CRANKSHAFT	
19	1	WIS-CON-505-24	CRANKSHAFT	
20	1	WIS-CON-505-25	CRANKSHAFT	
21	1	WIS-CON-505-26	CRANKSHAFT	
22	1	WIS-CON-505-27	CRANKSHAFT	

ITEM NO.	QTY	PART NO.	DESCRIPTION	REPLACE	REMARKS
1	1	WIS-CON-505-28	CRANKSHAFT		
2	1	WIS-CON-505-29	CRANKSHAFT		
3	1	WIS-CON-505-30	CRANKSHAFT		
4	1	WIS-CON-505-31	CRANKSHAFT		
5	1	WIS-CON-505-32	CRANKSHAFT		
6	1	WIS-CON-505-33	CRANKSHAFT		
7	1	WIS-CON-505-34	CRANKSHAFT		
8	1	WIS-CON-505-35	CRANKSHAFT		
9	1	WIS-CON-505-36	CRANKSHAFT		
10	1	WIS-CON-505-37	CRANKSHAFT		
11	1	WIS-CON-505-38	CRANKSHAFT		
12	1	WIS-CON-505-39	CRANKSHAFT		
13	1	WIS-CON-505-40	CRANKSHAFT		
14	1	WIS-CON-505-41	CRANKSHAFT		
15	1	WIS-CON-505-42	CRANKSHAFT		
16	1	WIS-CON-505-43	CRANKSHAFT		
17	1	WIS-CON-505-44	CRANKSHAFT		
18	1	WIS-CON-505-45	CRANKSHAFT		
19	1	WIS-CON-505-46	CRANKSHAFT		
20	1	WIS-CON-505-47	CRANKSHAFT		
21	1	WIS-CON-505-48	CRANKSHAFT		
22	1	WIS-CON-505-49	CRANKSHAFT		

ITEM NO.	QTY	PART NO.	DESCRIPTION	REPLACE	REMARKS
1	1	WIS-CON-505-50	CRANKSHAFT		
2	1	WIS-CON-505-51	CRANKSHAFT		
3	1	WIS-CON-505-52	CRANKSHAFT		
4	1	WIS-CON-505-53	CRANKSHAFT		
5	1	WIS-CON-505-54	CRANKSHAFT		
6	1	WIS-CON-505-55	CRANKSHAFT		
7	1	WIS-CON-505-56	CRANKSHAFT		
8	1	WIS-CON-505-57	CRANKSHAFT		
9	1	WIS-CON-505-58	CRANKSHAFT		
10	1	WIS-CON-505-59	CRANKSHAFT		
11	1	WIS-CON-505-60	CRANKSHAFT		
12	1	WIS-CON-505-61	CRANKSHAFT		
13	1	WIS-CON-505-62	CRANKSHAFT		
14	1	WIS-CON-505-63	CRANKSHAFT		
15	1	WIS-CON-505-64	CRANKSHAFT		
16	1	WIS-CON-505-65	CRANKSHAFT		
17	1	WIS-CON-505-66	CRANKSHAFT		
18	1	WIS-CON-505-67	CRANKSHAFT		
19	1	WIS-CON-505-68	CRANKSHAFT		
20	1	WIS-CON-505-69	CRANKSHAFT		
21	1	WIS-CON-505-70	CRANKSHAFT		
22	1	WIS-CON-505-71	CRANKSHAFT		



WE WARRANT THE MATERIALS AND WORKMANSHIP OF THE PRODUCTS WE MANUFACTURE TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR THE LIFE OF THE PRODUCT. WE DO NOT WARRANT THE PRODUCTS AGAINST UNUSUAL OR ABNORMAL CONDITIONS OF SERVICE OR USE. WE DO NOT WARRANT THE PRODUCTS AGAINST CONSEQUENCES OF IMPROPER INSTALLATION, MAINTENANCE, REPAIR, OR MISUSE. WE DO NOT WARRANT THE PRODUCTS AGAINST CONSEQUENCES OF FORCE MAJEURE, INCLUDING BUT NOT LIMITED TO, NATURAL DISASTERS, WARS, RIOTS, REBELLIONS, REVOLUTIONS, AND OTHER UNUSUAL OR ABNORMAL CONDITIONS OF SERVICE OR USE.

WIS-CON TOTAL POWER CORP.  
 1000 WISCONSIN ST.  
 MILWAUKEE, WIS. 53212  
 PHONE 414-224-1111  
 FAX 414-224-1112

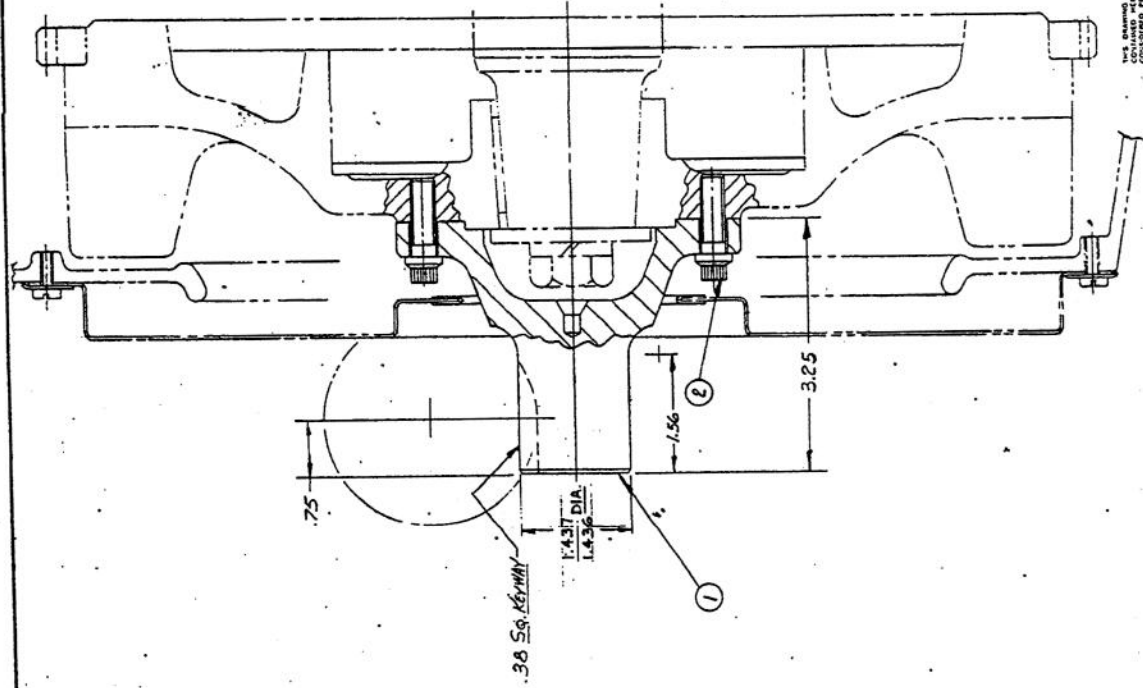
WIS-CON TOTAL POWER CORP.  
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WIS-CON TOTAL POWER CORP.  
 1000 WISCONSIN ST.  
 MILWAUKEE, WIS. 53212  
 PHONE 414-224-1111  
 FAX 414-224-1112

ITEM NO.	PART NO.	DESCRIPTION	REMARKS
1	UC-206-2	STUB SHAFT - F.W. END	
2	XB-117	CAPSCREW, 1/2-18 X 1.56	FOR SIDE TO
3			24 FT - LB
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ASSEMBLY F.W. END  
 STUB SHAFT - F.W. END  
 UCA 119

ITEM NO.	PART NO.	DESCRIPTION	REPLACES	REMARKS
1				
2				
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4				
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6				



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ITEMS DELETED FROM PARTS LIST ISSUE

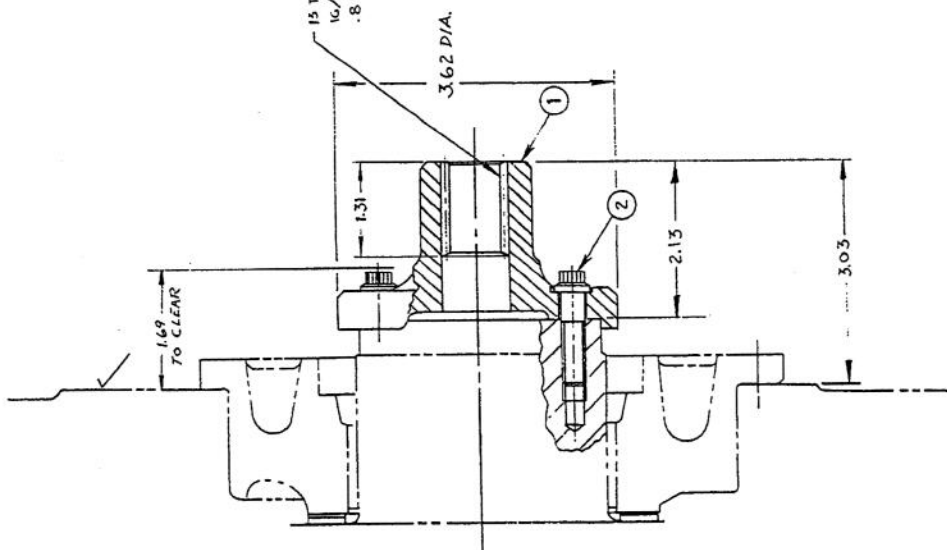
SYN	DESCRIPTION OF CHANGE	CHANGE DATE	BY	CHK.
A				
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WISCONSIN TOTAL POWER CORP.  
 ASSEMBLY, STUB SHAFT - F.W. END  
 DATE: 1.16.9-16-81  
 UCA-119

- 1 UC-205-8 CRANK SHAFT EXTENSION 3/16-18 x 1 1/4 LG.
- 8 XB-116 CAPSCREW, 12 PT.

ASSEMBLY CRANKSHAFT EXT. W2-1250 UCA-122

15 TOOTH INTERNAL GEAR  
 16/32 DIAMETER - PITCH  
 .8125 PITCH DIA.



WIS-CON TOTAL POWER CORP.

ASSEMBLY, CRANKSHAFT EXTENSION

D.L.W. 1-13-83  
 6-21-83 SFN

UCA-122

12" = 1'-0"

W2-1250

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100-1000000

100-1000000

1 UC-208-B	CRANK EXTENSION	1/2-18 x 1 1/4
2 XB-112	CAPSCREW	
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ASSEMBLY	REV	DESCRIPTION	REPLACES	REMARKS
CRANK EXT.	1230			
		27/16" PART REQUIRED TO USE THIS ASSEMBLY		

ASSEMBLY

UC-208-B WAS EP-12AC-800  
UCA-112 WAS EP-12AB-801

4-20 4-20 4-20  
L3308 L3308 L3308

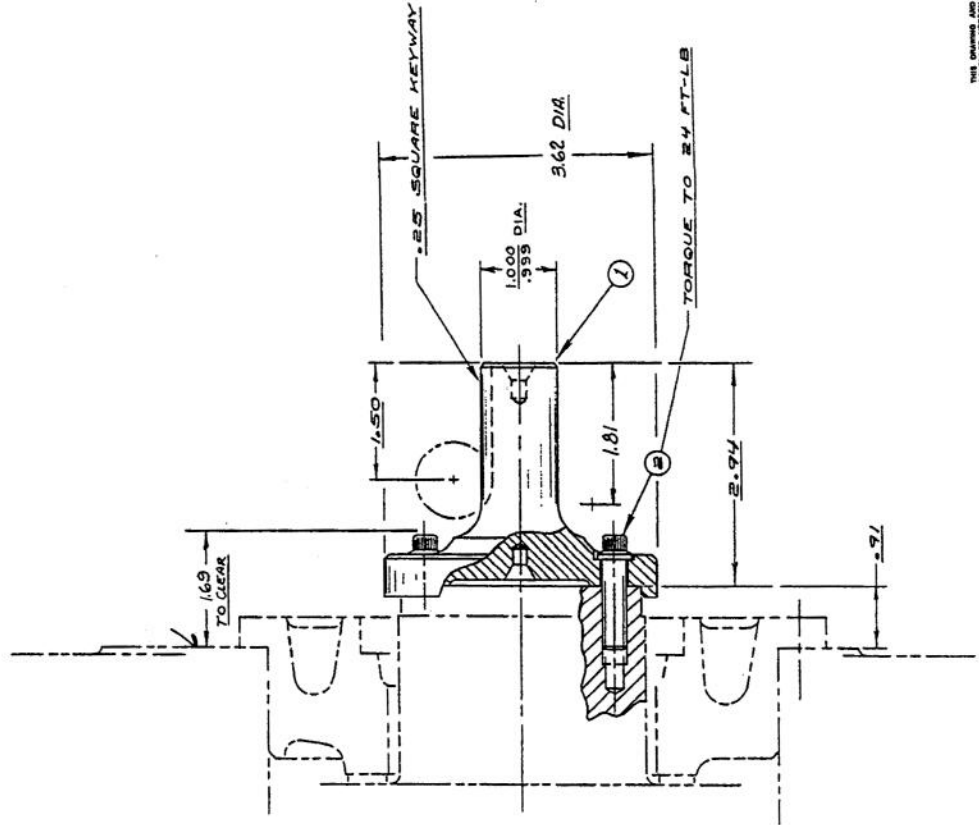
12" - 1/2"

WIS-CON TOTAL POWER CORP  
ASSEMBLY  
CRANKSHAFT EXTENSION  
B-F-22

UCA-123

W-1230  
M-1230

PARTS LIST ISSUE



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1. UC 205-10 CRANKSHAFT EXTENSION 5/16-18 X 1 1/4 LG.  
 2. XB116 CAPSCREW, 1/2 PT.

WISCONSIN

ASSEMBLY CRANKSHAFT EXT. WP-1230 UCA-124

WIS-CON TOTAL POWER CORP.

ASSEMBLY CRANKSHAFT EXTENSION

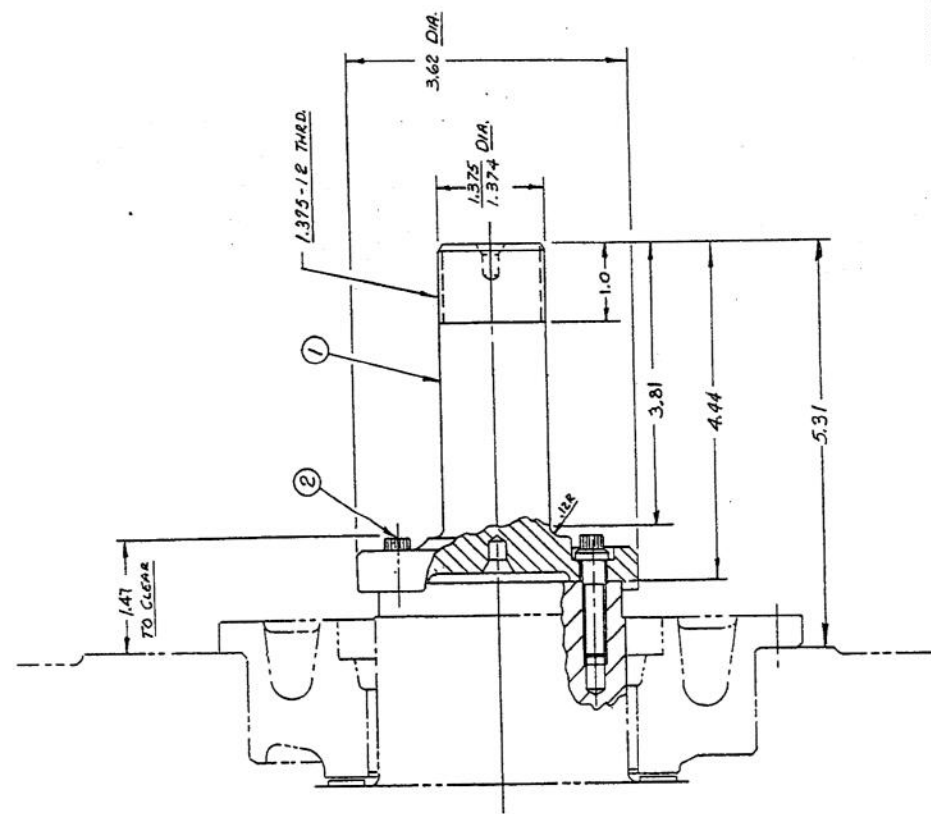
L.K.G. 8-13-83

UCA-124

12" = 1'-0"

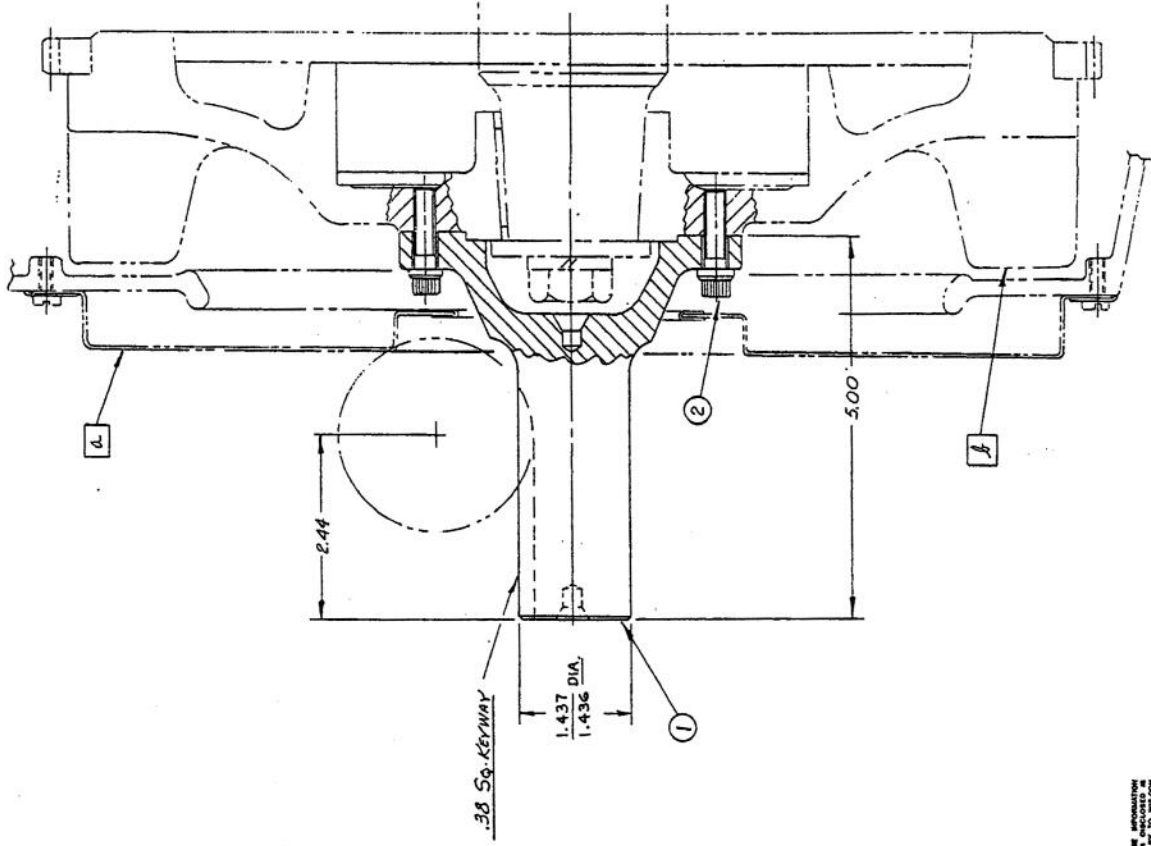
WP-1230

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WISCONSIN TOTAL POWER CORP.

12" = 1'-0"



1 UC206-3 STUB SHAFT-F.W. END  
 8 XB 117 CAPSCREW, 12 POINT 5/16-18 X 1 1/2

ASSEMBLY W/30 UCA-125  
 STUB SHAFT K.W. END

1 SE342-1 SCREEN AIR INLET FOR PARTS SE342A  
 1 N119-4 FLYWHEEL ASSY. N114-2

WE-1230 #1  
 (1) SE-342-R (1) N-114-2

RELEASED

23335

WIS-CON TOTAL POWER CORP.

12" = 1'-0"

ASSEMBLY STUB SHAFT-F.W. END  
 L.K.G. 8-15-83

W2-1230

UCA-125

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UCA-126

QTY	PART NO	DESCRIPTION	REMARKS
6	PE-7	LOCKWASHERS 1/2"	
1	PE-85	LOCKWASHER	STD. PART
1	PL-145	U WOODRUFF KEY	STD. PART
1	UC-84-11	STUD SHAFT (FLYWHEEL END)	
6	XD-42	CAPSCREWS 1/2-13 X 1 1/4	

ASSEMBLY  
SUB ASSEMBLY

463D UCA 126

ITEM NO	PART NO	DESCRIPTION	REPLACE	REMARKS
1	CA-75-C-2	CRANKSHAFT	CA-75 C	
1	CA-75-C-3	CRANKSHAFT	CA-75 C	W/ WW-165 UNIT
1	N116A	FLYWHEEL	NT16	

SPECIAL PARTS REQUIRED TO USE THIS ASSEMBLY

ITEMS DELETED FROM V-665D  
1-PA-334

DESCRIPTION OF CHANGE

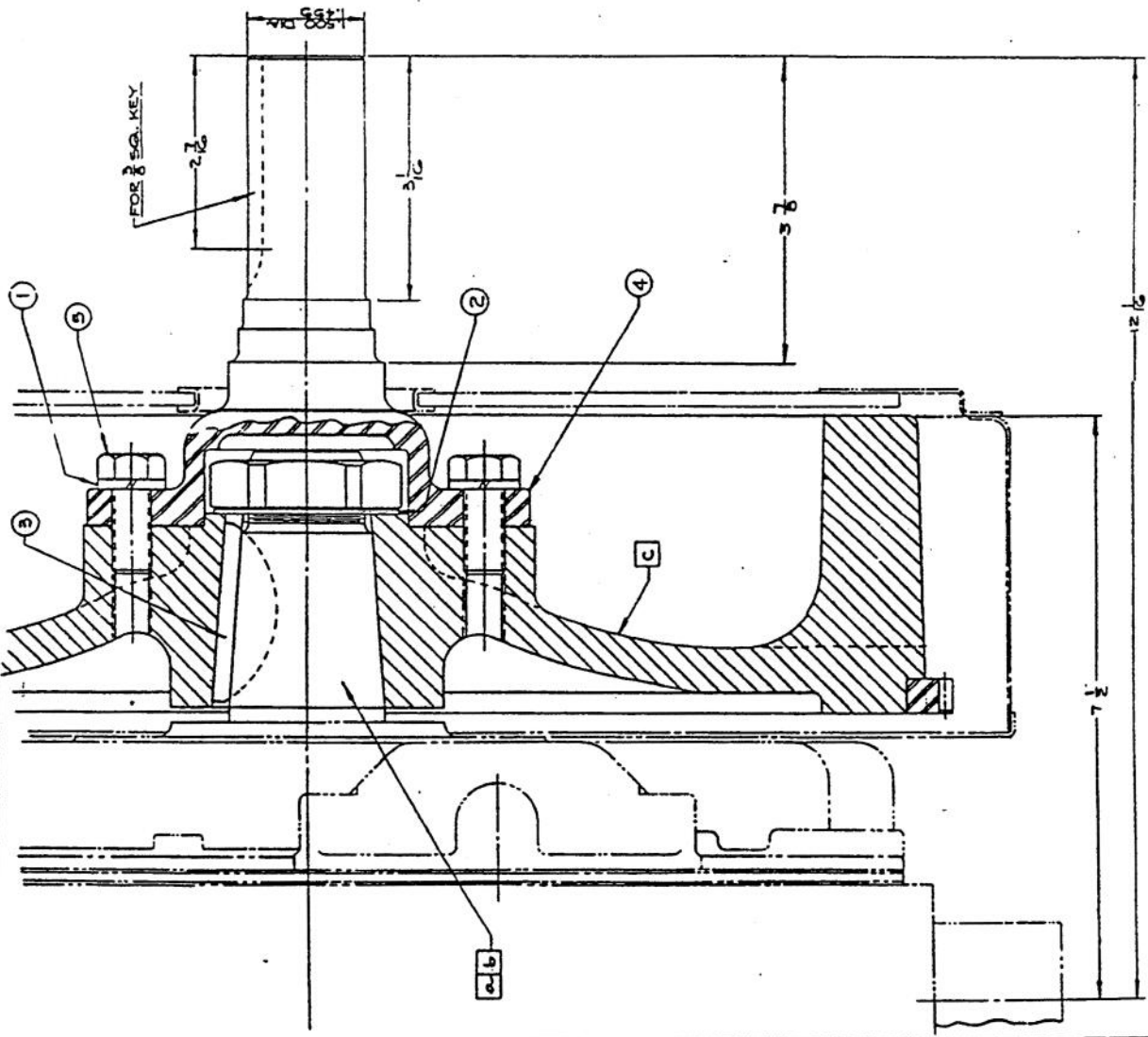
CHANGE DATE

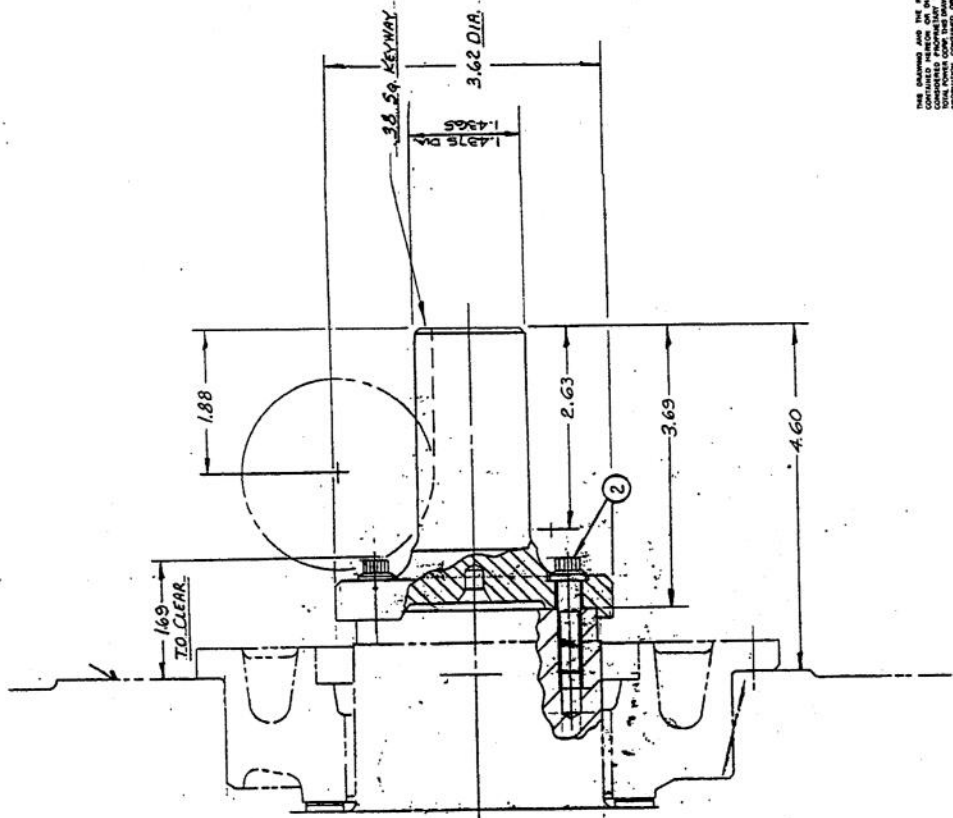
WISCONSIN MOTOR CORPORATION  
MILWAUKEE, WISCONSIN

ASSEMBLY STUD SHAFT

DATE 8-15-86

UCA 126





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ITEM NO.	REQ.	PART NO.	DESCRIPTION	REMARKS
1		UC-205-11	CRANKSHAFT EXTENSION	
2		XB-116	CAPSCREW, 1/8" P.T.	3/16" X 1/4" L.G.
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ITEM NO.	REQ.	PART NO.	DESCRIPTION	REPLACES	REMARKS
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ITEM NO.	REQ.	PART NO.	DESCRIPTION	REPLACES	REMARKS
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TITLE: ASSEMBLY CRANKSHAFT EXT.      PART NO.: UC-127  
 SPECIAL PARTS REQUIRED TO USE THIS ASSEMBLY: W/150

DELETED FROM: \_\_\_\_\_      PARTS LIST ISSUE: \_\_\_\_\_

DATE: 12/1/0      CHANGE: \_\_\_\_\_      DATE BY: CK

WIS-CON TOTAL POWER CORP.  
ASSEMBLY, CRANKSHAFT EXTENSION  
 DRAWING NO. UC-127      SHEET NO. 1 OF 1  
 DATE: 6.16.88      ISSUE NO. 09