

NORDBERG MFG. COMPANY

E-5113

CONE CRUSHER SPECIFICATIONS

NAME OF ASSEMBLY

ISSUE S DRG. NO.

NAME OF ASSEMBLY

NO. S DRG. NO.

MAIN FRAME 3 arm bolted
socket type.
SOCKET Bolted Mechanical.

S5-C-430

COUNTERSHAFT ~~V-rope drive~~

S5-C-368

Disregard "V Rope Drive"

Disregard "Bolted Mechanical" note per Nova P. via GU 03-14-06

MAIN SHAFT ~~Bolted Mechanical~~.

S5-C-391

THRUST BEARING

S5-C-63

BOWL Coarse

S5-C-78

FEED PLATE OR DISTRIBUTOR

S5-C-71

LINER "

S5-C-85

HOPPER

S5-C-313

ECCENTRIC

S5-C-174

UPPER PLATFORM

S5-C-304

SPRING RING

S5-C-74

EXTRA PARTS Items W and Y

S5-C-222

WINDLASS

S7-C-15

ADJUSTMENT RING

S7-C-419.

Baldwin Cont 4/88
COUNTERSHAFT BOX *U.S. Machinery Co. 5/487*

S5-C-369

SHIPPED TO *Lancashire Steel Corp. Irwell, Manchester, Lancs. ENGLAND*

MADE TO ORDER See file.

SHIPPED ON ORDER

ES 241786

DATE SHIPPED 13. 7. 55

NAME *Lancashire Steel Corp. Irwell. Lancs.*

MACH. 5½' Std. 'C'

SHOP NO.

E 5113

MAIN FRAME ASSEMBLY 3-ARM FRAME BOLTED SOCKET TYPE.

S5-C-430.

NAME	No.	MAT	SYM.	PATT.	DWG. No.	
MAIN FRAME	1	C.ST.	5-826	5-826 5-825 5-826	S-A-26	
MAIN FRAME PINS	14	ST	7-2		7-D-40	
MAIN FRAME CAP	1	C.ST	5-130	5-130	S-C-19	
MAIN FRAME CAP CAPSCREWS	8	ST	5-128		5-D-52	
MAIN FRAME LINER	1	ST	5-814		5-C-239	48517321
OUTER ECCENTRIC BUSHING	1	BRZ	5-827	5-7	5-C-244	22146161
ARM GUARD	3	HI CARB. CHAM ST	5-821	5-821	5-C-240	38067381 116/84
NAME PLATE 5 1/2 FT SH:HD:	1	C.I.	5-573	5-573	S-C-143	
NAME PLATE 5 1/2 FT STD	1	C.I.	5-39	5-39	S-C-144	
CAP SCREWS 3/8" X 1" LG	4	ST	5-40		5-E-143 5-E-144	

7-2.

5-814.

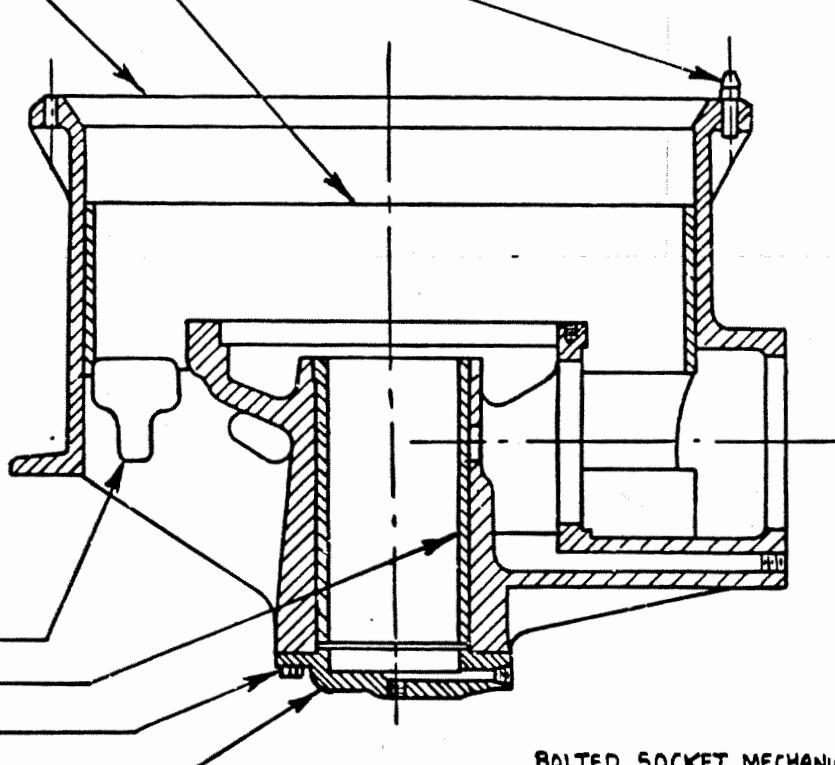
5-826.

5-821.

5-827.

5-128.

5-130.



BOLTED SOCKET MECHANICAL OR WATER SEAL TYPE

3- ARM FRAME

5 1/2 FT STD & SH:HD: SYMONS CONE
MAIN FRAME ASSEMBLY

NORDBERG MFG. CO.
BROOK HOUSE, PARK LANE, W.I.

S5-C-430.

D. HILLS 30-8-51.

(M)	A	30-8-51		
ISSUED.				

NOTE MILWAUKEE SPEC N° S5-C-373 [SH:HD:]
& S5-C-395 [STD] BUT WITH AIR MANIFOLD.

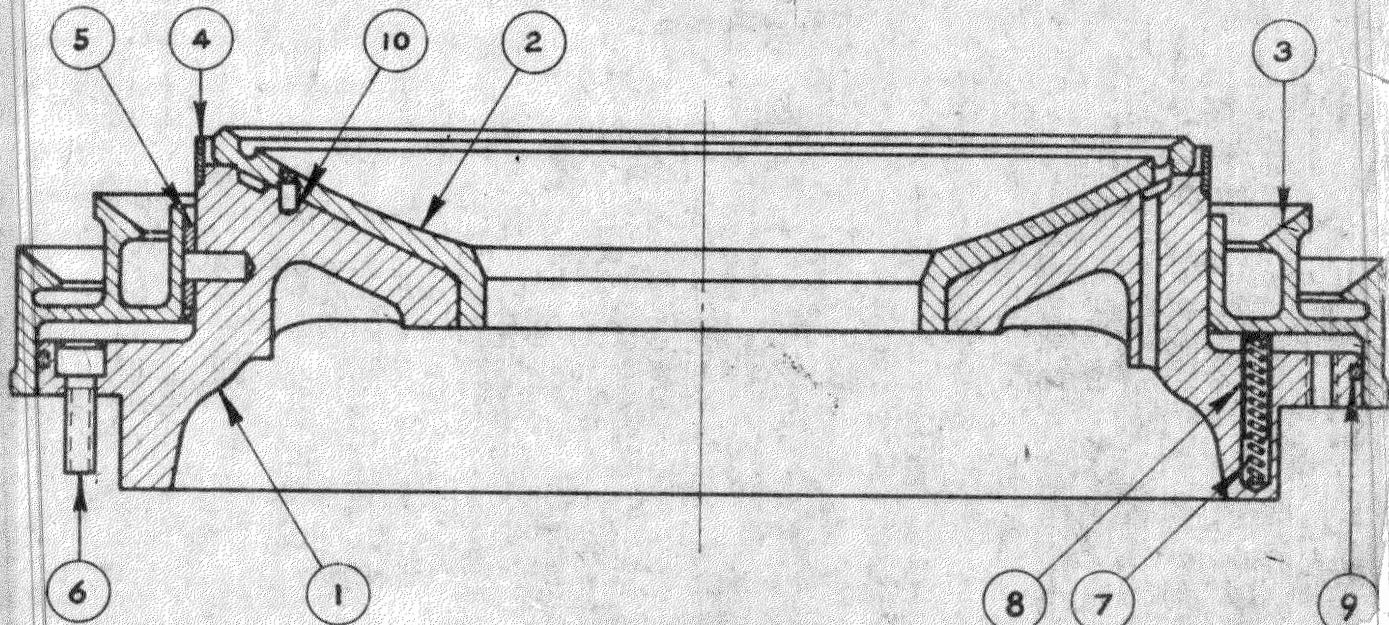
PARTS LIST

SHEET 1 OF 1

S-5-C-370

ITEM NO	NAME	NO. REQ'D	PARTS CODE NO. OR PART NO.	MAT'L CODE NO. OR MATERIAL	PATT. NO.	DWG. NO.	FIN. WG LBS. EACH
1	Socket - Bolted, Air Type	1	7381 7601 5-766	0860 017 C St	7381 7601		
2	Socket Liner	1	4872 7050 5-479	0830 661 "SL" Brz	4872 7255-1	5-B-236	
3	Socket Sealing Ring	1	6380 6801 5-768	0852 721 CI M1B	6380 6801	5-C-110	
4	Oil Retaining Ring	1	6360 9001 5-777			5-B-238	
5	Locking Key	3	5683 1725 5-776	St		5-C-225	
6	Allen Head Capscrews	10	1948 8995 5-799	CRS		5-D-220	
7	Socket Sealing Ring Springs	16	3606 230 5-772	Alloy St		5-D-230	
8	Spring Guides	16	4545 4621 5-773	Spr St		5-D-217	
9	Felt Packing 5/8 x 5/8 x 17 1/2	1	7626 2001	St 8400 XH Western Felt		5-D-218	
10	Socket Dowels	8	5433 8561 5-582	0428 113 Brass		5-B-236	
11	Socket Wrench for Allen Head Capscrews	1	8780 0712 5-794	St		5-D-310	G
							5-D-229

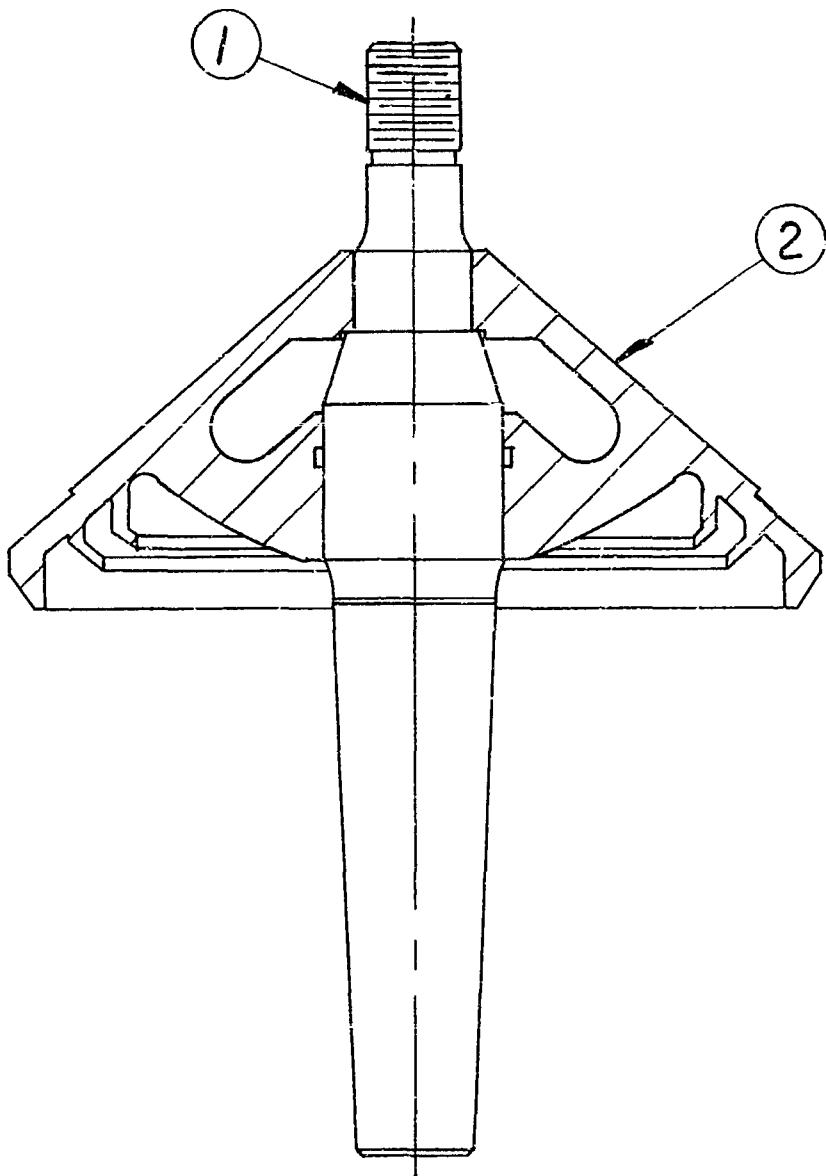
Deleted 9/12/75 D. Nowak



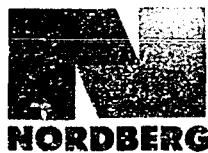
S-5-C-157

G 6-9-59	H 4-5-62	J 2-18-70
5-D-310 WAS 5-C-110	ITEM ①, ②+③ PART. # CHANGED	REPAIR NOTE ADDED

			BOLTED SOCKET 3 KEY		
			$\frac{5}{8}$ FT STD & SH HD SYMONS CONE SOCKET ASSEMBLY		
11-30-56	G 6-18-57	D 2-18-59	E 3-9-59	F 5-1-59	
Redrawn	Sym. 5-766 WAS 5-644	MAT WAS 0830 664 "S BRZ #7626 2001	MAT WAS 17 1/2 LG. NOW 17 1/2 LG. CODE #7626 2001	CODE NO. 3606 230 WAS 3606 226	NORDBERG MFG. CO. MILWAUKEE, WIS., U.S.A. DR: EW CK: FSS
					S- 5-C-370



5 1/2 FT STD
SYMONS CONE
MAIN SHAFT ASSEMBLY



S5-C-391

9447 1951

E	Slot removed	2-20-69
D	Redrawn	8-23-68

NORDBERG MFG. CO.

"S" SHEET

MILWAUKEE, WIS. U.S.A.

PAGE 2 OF 2

S5-C-391

ITEM NO.	NAME	NO. REQ.	PART CODE	MATERIAL	PATTERN	DRAWING
1	Main Shaft *	1	6886 5701			5-C-88
2	Head **	1	4247 2016	0860 017	4247 2006-1	5-B-299

* WHEN ORDERING A REPLACEMENT MAIN SHAFT, ORDER THE HEAD FIT ROUGH SHOWN ON DRAWING NO. 5-B-536, PART CODE NO. 6886 5740.

** WHEN ORDERING A REPLACEMENT HEAD, REFER TO DRAWING NO. S5-C-940, PART CODE NO. 9447 1012.

FOR BOLTED SOCKET

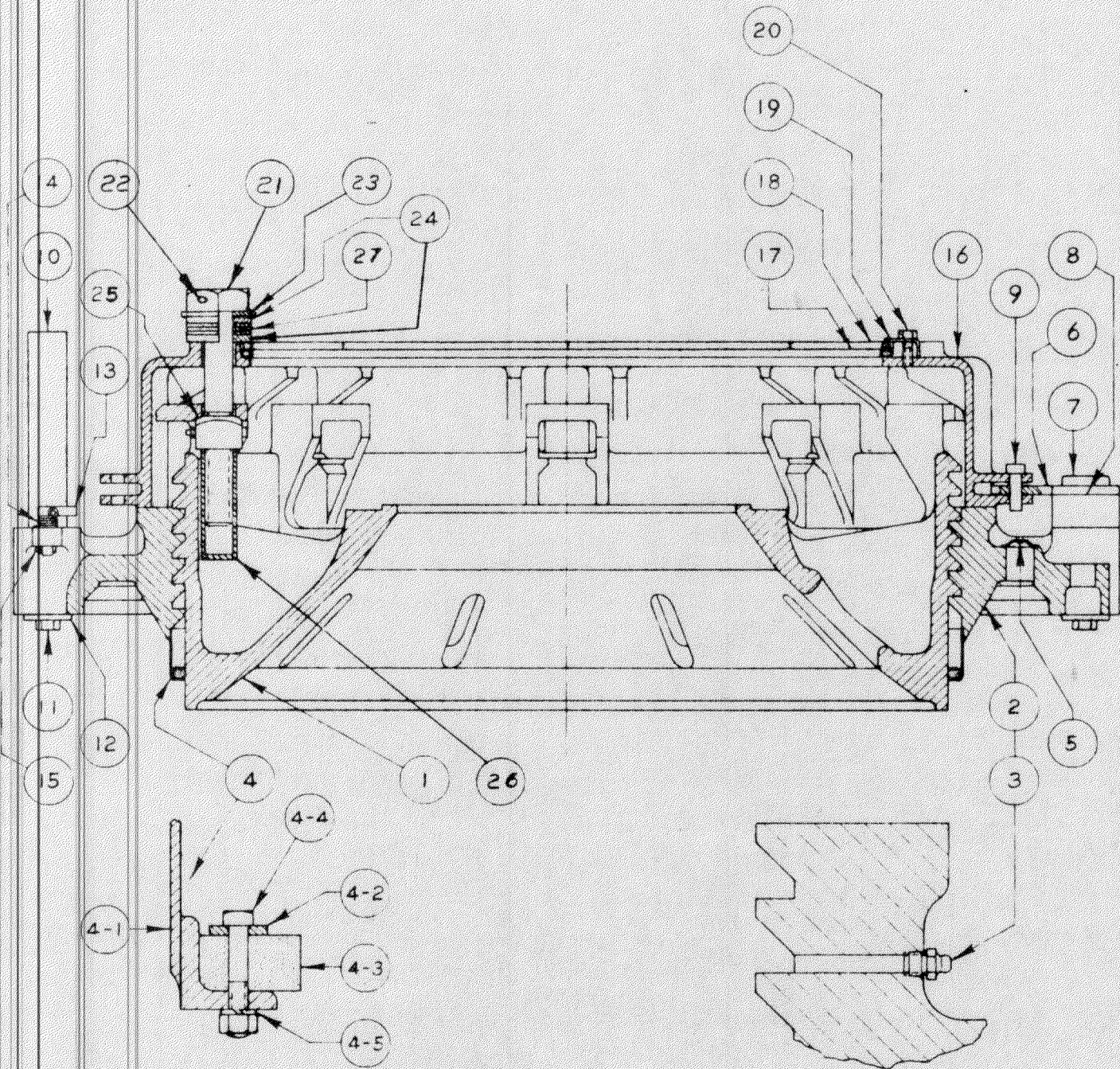


G	** Note Added	4-24-75
F	Note Added *	2-18-69
E	Code No. changed	9-18-68
D	Redrawn	8-23-68

5 1/2 FT STD
SYMONS CONE
MAIN SHAFT ASSEMBLY

9447 1951

S5-C-391



5 1/2 FT STD. SYMONS CONE
BOWL ASSEMBLY

COARSE

E 3-13-58

REDRAWN

NORDBERG MFG. CO.
MILWAUKEE, WIS., U.S.A.

S-5-C-78

DR: FJ
CK: 230

PARTS LIST

SHEET 2 OF 3

S5-C-78

ITEM NO.	NAME	NO. REQ'D	PARTS CODE NO. OR PART NO.	MAT'L CODE NO. OR MATERIAL	PATT. NO.	DWG. NO.	FIN. WGT LBS. EACH
1	Bowl	*	2005 5791 5-190	0860 017 C St	2005 5791	5-B-40	
2	Adjustment Ring	**	5187 67L1 5-341	0860 017 C St	6187 6161-1	5-B-71	
3	Grease Fitting 1/4	6	3801 022	St			
4	Adjustment Ring Dust Collar	1	8361 82L1 5-53	St ST. 0151 343		5-C-8	
4-1	Ring	1		Felt		5-C-8	
4-2	Clamping Ring	1	7626 4001			5-C-8	
4-3	Felt 3/4 x 1 5/16 x 254	1				5-C-8	
4-4	Bolt, Sq. Hd. 1/4x1 1/2 with nut	32	2561 056	St			
4-5	Lockwasher 1/4	32	3064 464	St			
5	Adjustment Ring Pin Cover	14	2743 4721 7-890	0154 120 HRS		7-D-262	
6	Lock Link	2	4928 0007 5-55	0160 175 HRS		5-C-10	
7	Lock Link Post	2	5403 65L1 5-57	0132 090 HRS		5-D-26	
8	Lock Link Post Washer	2	6391 0081 5-58	0160 240 HRS		5-D-239	
9	Lock Link Pin	2	2680 556	St			
10	Windlass Post	2	5899 7501 5-61	0232 078 CRS		5-D-27	
11	Bolt, Hex Head 1 1/4 x 2 1/2	4	2706 596	St			
12	Washer	4	8605 7721 7-99	0160 100 HRS		7-D-307	
13	Pawl	2	5322 3101 7-109	0860 017 C St	5322 3101	7-D-309	
14	Pawl Spring	2	3684 204 7-110	St		7-D-308	
15	Bolt, Sq. Hd 1/4x1 1/2 with hex nut	2	2561 056	St			
16	Adjustment Cap	***	2281 7755 5-434	0860 017 C St	2281 7755	5-B-107	
17	Adjustment Cap Seal 1" O.D. x 208 3/4"	1	6351 9301	4599 050		5-D-281	
18	Hopper Packing Bar	8	1162 4561 5-31	0127 034 HRS		5-D-15	
19	Packing Clamp	16	1228 7881 5-33	0115 056 HRS		5-D-16	
20	Bolt, Hex Head 3/4 x 2 1/2	16	2704 596	St			
21	Adjustment Capscrew	****	1958 7175 5-18	0132 062 HRS		5-D-6	
22	Cotter Pin 5/16 x 8 lg	8	5683 0475	0160 015 HRS			
23	Adjustment Capscrew Lockwasher	8	5-75			5-D-31	
24	Adjustment Capscrew Washer 5/8	16	8607 4311 5-34	0160 120 HRS		5-D-17	
25	Adjustment Capscrew Nut	8	5188 7115 5-29	0160 240 HRS		5-D-13	
26	Adjustment Capscrew Housing	8	8265 4801 5-340	St. Tubing		5-D-104	
27	Adjustment Capscrew Washer 3/8	24	6351 7101 5-35	Rubber Belting		5-D-18	

COARSE

5 1/2 FT STD SYMONS CONE
BOWL ASSEMBLY

E 3-13-58 F 1-4-62 G 9-9-70

NORDBERG MFG. CO.
MILWAUKEE, WIS., U.S.A.

REDRAWN

ITEM ① ② ③ ④
PART ⑤
CHANGED
C-17226 JAHRepair
Notes
AddedDRAWN
CHECKED

S5-C-78

SEE PAGE 3 FOR REPLACEMENT ASSEMBLIES

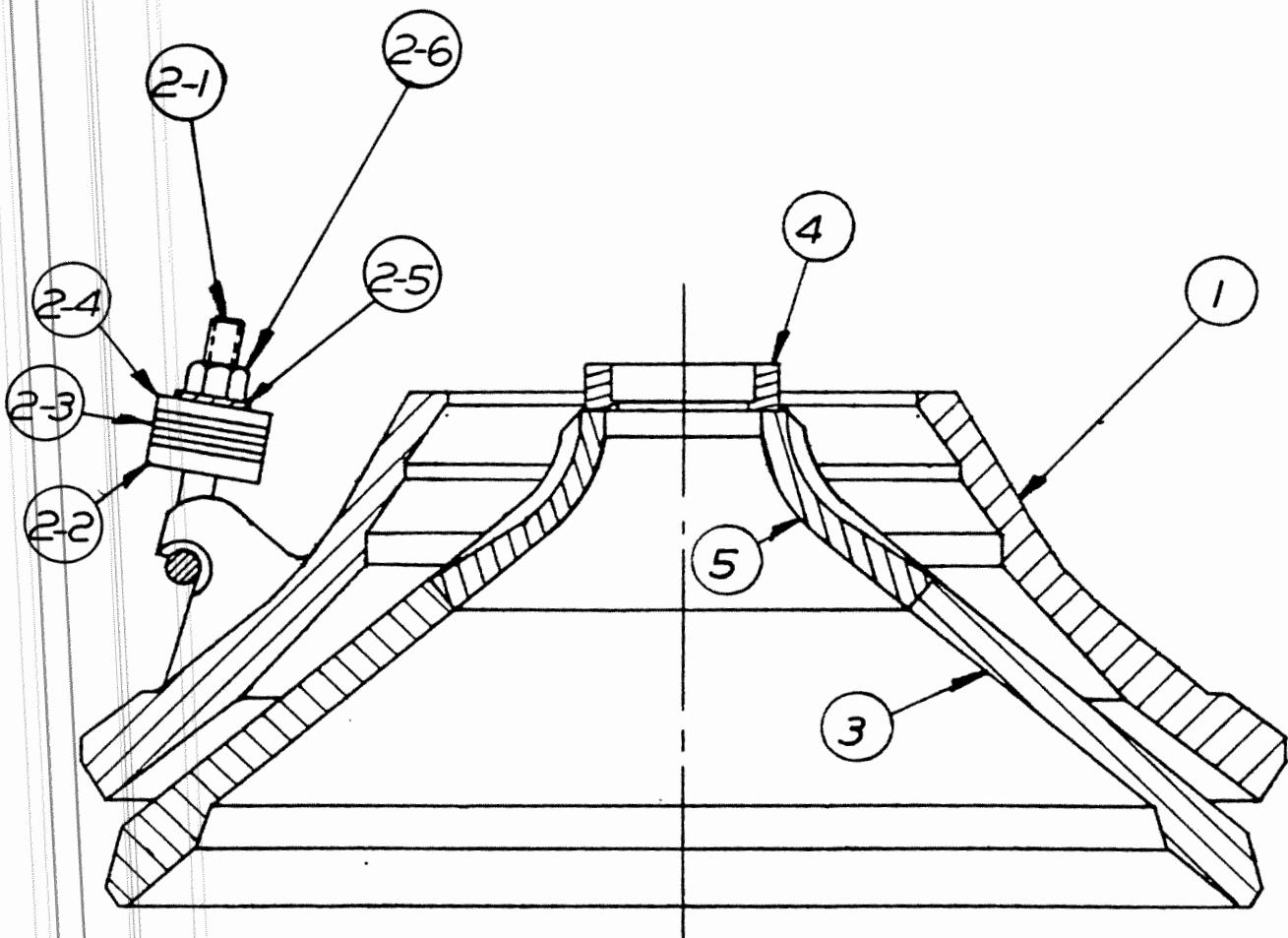
- * WHEN FURNISHING NEW BOWL, FURNISH COARSE BOWL ASSEMBLY FOR COARSE LINER ASSEMBLY S5-C-538. ALSO FURNISH 1 HOPPER ASSEMBLY S5-C-604.

- ** WHEN FURNISHING NEW ADJUSTMENT RING, FURNISH 1 ADJUSTMENT RING ASSEMBLY PART CODE NO. 9439 8173, PLUS 1 DUST COLLAR ASSEMBLY PART CODE NO. 9439 8151.

- *** IF FURNISHING A NEW ADJUSTMENT CAP, FURNISH 1 ADJUSTMENT CAP SUB-ASSEMBLY PART CODE NO. 9439 8168, PLUS 1 LOCK LINK ASSEMBLY PART CODE NO. 9439 8153. (REFERENCE S5-C-681)

- **** WHEN FURNISHING REPAIRS, FURNISH 1 SET OF ADJUSTMENT LOCK POST ASSEMBLY S5-C-753.

1/2 FT STD SYMONS CONE BOWL ASSEMBLY							
NORDBERG MFG. CO. MILWAUKEE, WIS., U.S.A.		G 9-9-70					
S-5-C-78		DR: MC CK:	Repair Notes Added				



5 1/2 FT STD

LINER ASSEMBLY

S5-C-85

9446 5831

Rexnord
Process
Machinery Division

H	Redrawn	11-17-81

Rexnord 5/75

Symons cone crusher PARTS LIST

MILWAUKEE, WI., USA

PAGE 2 OF 2

SS-C-85

ITEM NO.	PART NAME	NO. REQ'D	PART CODE NO.	DWG. SIZE
1	Bowl Liner	1	4830 6771	3
2	Liner Hardware Assembly	1	9446 9304	1
2-1	Bowl Liner U-Bolt	8	1970 7871	1
2-2	Bowl Liner U-Bolt Washer 1 1/2"	8	1341 8501	1
2-3	Bowl Liner U-Bolt Washer 1/2" Conveyor Belting	32	8610 1475	1
2-4	Bowl Liner U-Bolt Washer 1"	8	1334 8801	1
2-5	Bowl Liner U-Bolt Lockwasher	8	5683 3075	1
2-6	Hex Nut 2"	16	5148 9626	1
3	Lower Mantle	1	5013 7001	3
4	Main Shaft Sleeve & Torch Ring	1	7320 4661	1
5	Upper Mantle	1	5013 6801	2
6	Fiber Glass Insert	8	1865 5631	1
7	NORDBAK (Approximate Quantity to Back both Liner and Mantle)	15	9505 9901	

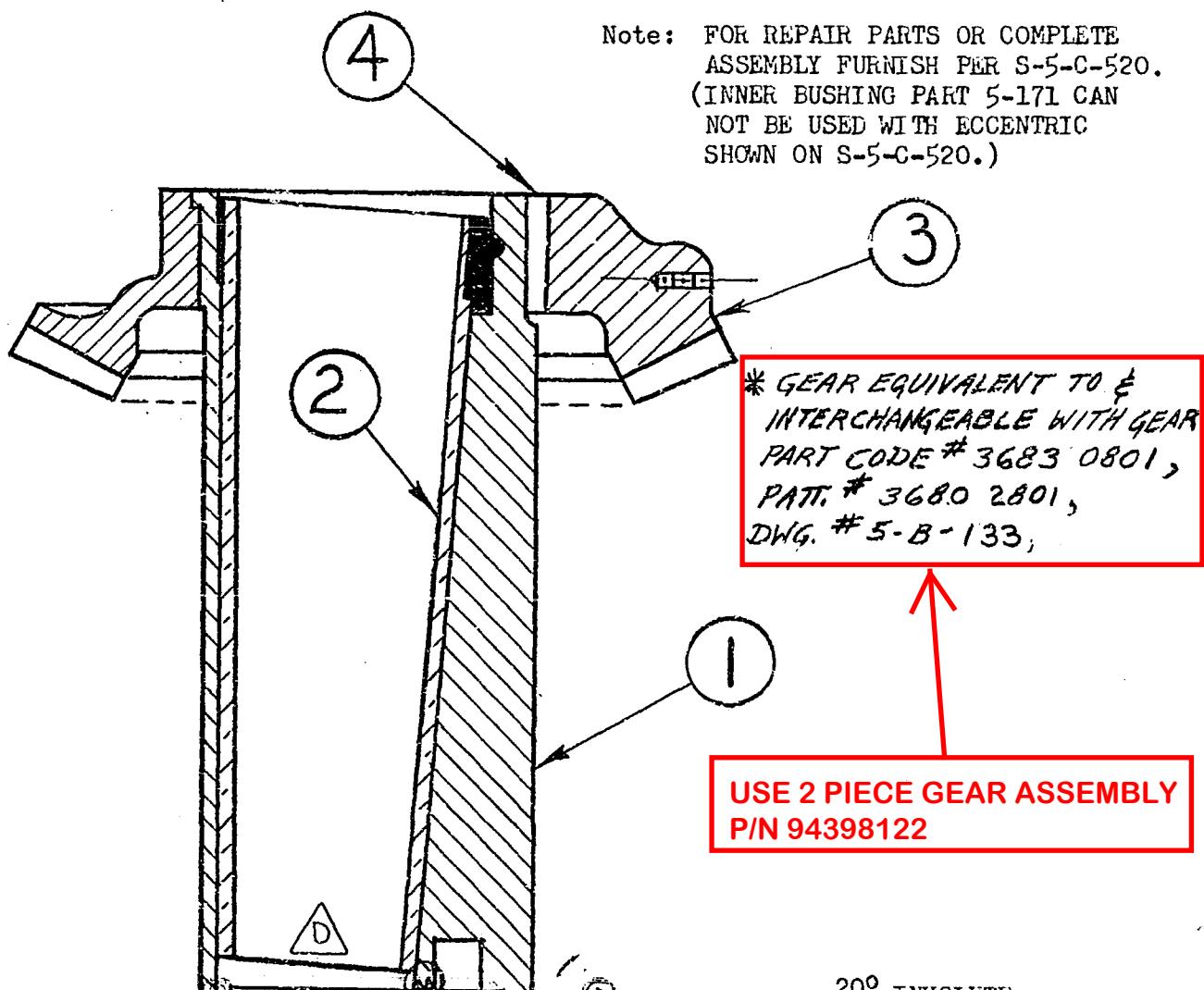
COARSE LINER FOR COARSE BOWL

J	Redrawn 11-17-81



5 1/2 FT STD LINER ASSEMBLY	
9446 5831	S5-C-85

PARTS LIST					SHEET OF	S-5-C-174	
ITEM NO.	NAME	NO. REQ'D	PARTS CODE NO. OR PART NO.	MAT'L CODE NO. OR MATERIAL	PATT. NO.	DWG. NO.	FIN. WGT. LBS. EACH
1	Eccentric	1	3114 1901 5-271	0852 721 CI M1B	5-271	5-C-55	
2	Inner Eccentric Bushing	SEE NOTE	1 2207 4201 5-171	0830 662 "C" Brz	5-64	5-C-27	
3	Gear	1	3683 0806	0861 101	36802801	5-B-414	*
4	Gear Key	1	4701 5655	0298645			
						5-D-383	



H 3-26-64 F.S.	J 5-26-64 F.S.	K 10-21-64	L 1-8-71
ITEM 3 ENOTE INTERCHANGED 1B491 65-21	NOTE REVISED 21021 DEK	ITEM 3 PART WAS 3683 0801 PART 36802801	See Note Added
D 12-19-56	D 3-29-57	E 1-23-62	F 6-20-62 P
Redrawn	RECESS RE- DRAWN TO FIT THRUST BEARING CH# C-8301	PATT. NUMBERS CHANGED C-17434	ADDED INTER- CHANGEABLE GEAR NOTE C-10679 5-D-238 C.D. 10912 DEK

20° INVOLUTE
5½ FT SH HD SYMONS CONE
ECCENTRIC ASSEMBLY

NORDBERG MFG. CO.
MILWAUKEE, WIS., U.S.A.
DRAWN CHECKED EW RSS S-5-C-174

PARTS LIST

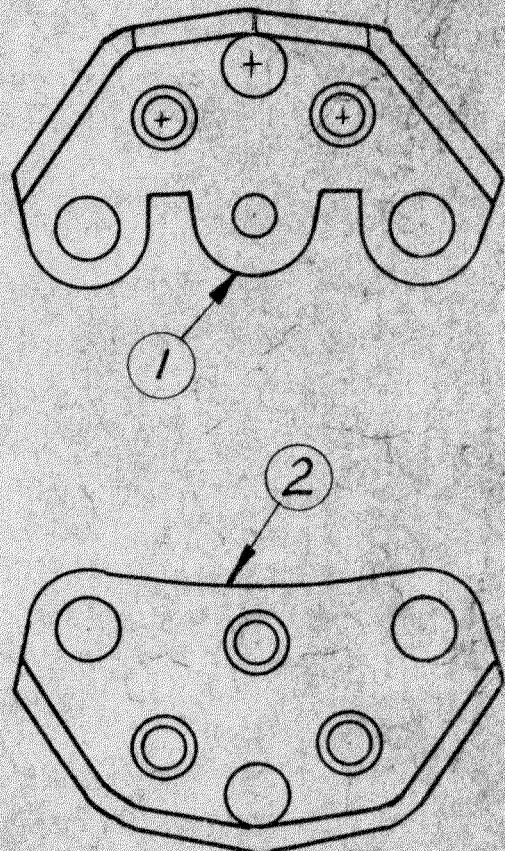
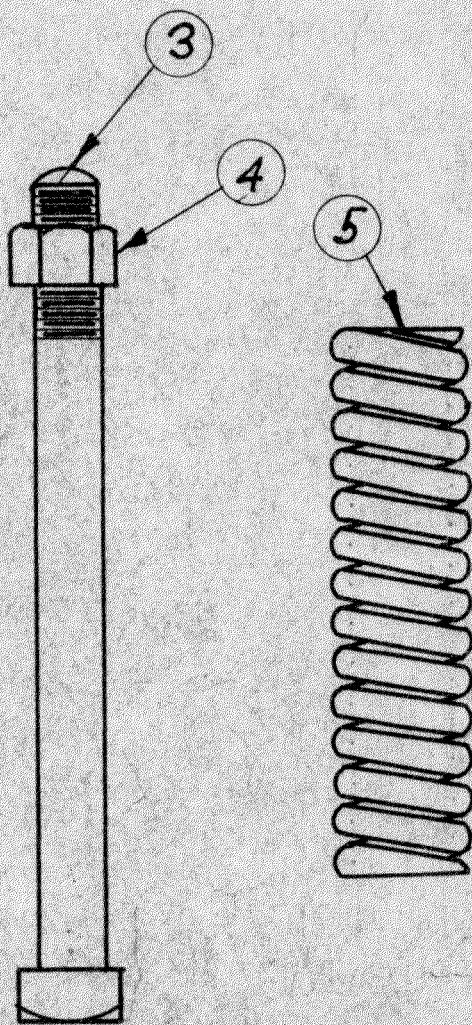
SHEET

1 OF 1

55-C-71

ITEM NO.	NAME	NO. REQ'D	PARTS CODE NO. OR PART NO.	MATL. CODE NO. OR MATERIAL	PATT. NO.	DWG. NO.	FIN. WGT LBS. EACH
1	Upper Spring Ring Segment	14	6482 8621 5-342	0860 017 C St SGS1	6482 8621	5-C-64	
2	Lower Spring Ring Segment	14	6482 3341 5-343	0860 017 C St	6482 3341	5-C-65	
3	Spring Bolt, Hex Head or Spring Bolt, Sq. Hd.	12	1940 3585 1958 5600 5-345	0132 052 HRS		5-D-106	
4	Hex nuts 2 ¹ / ₂ "	2	3001 121	St			
5	Springs	70	3633 894 5-344	Spr St		5-D-105	

* HEX HEAD SPRING BOLT CODE 1940 3585 NOW BEING FURNISHED FROM MILWAUKEE, SQUARE AND HEX HEAD SPRING BOLTS ARE INTERCHANGEABLE - SQUARE HEAD TO BE USED AS ALTERNATE.



B 12-21-56	C 10-29-58	D 8-23-G-2		
Redrawn	ADDED Spr. Bolt Hex Hd and note 1 C19457 RDO	ITEM ① & ② CHANGED PATT. CHANGED C19457 RDO		

5¹/₂ FT SH. HD & STD SIMONS-CON SPRING RING ASSMBLY

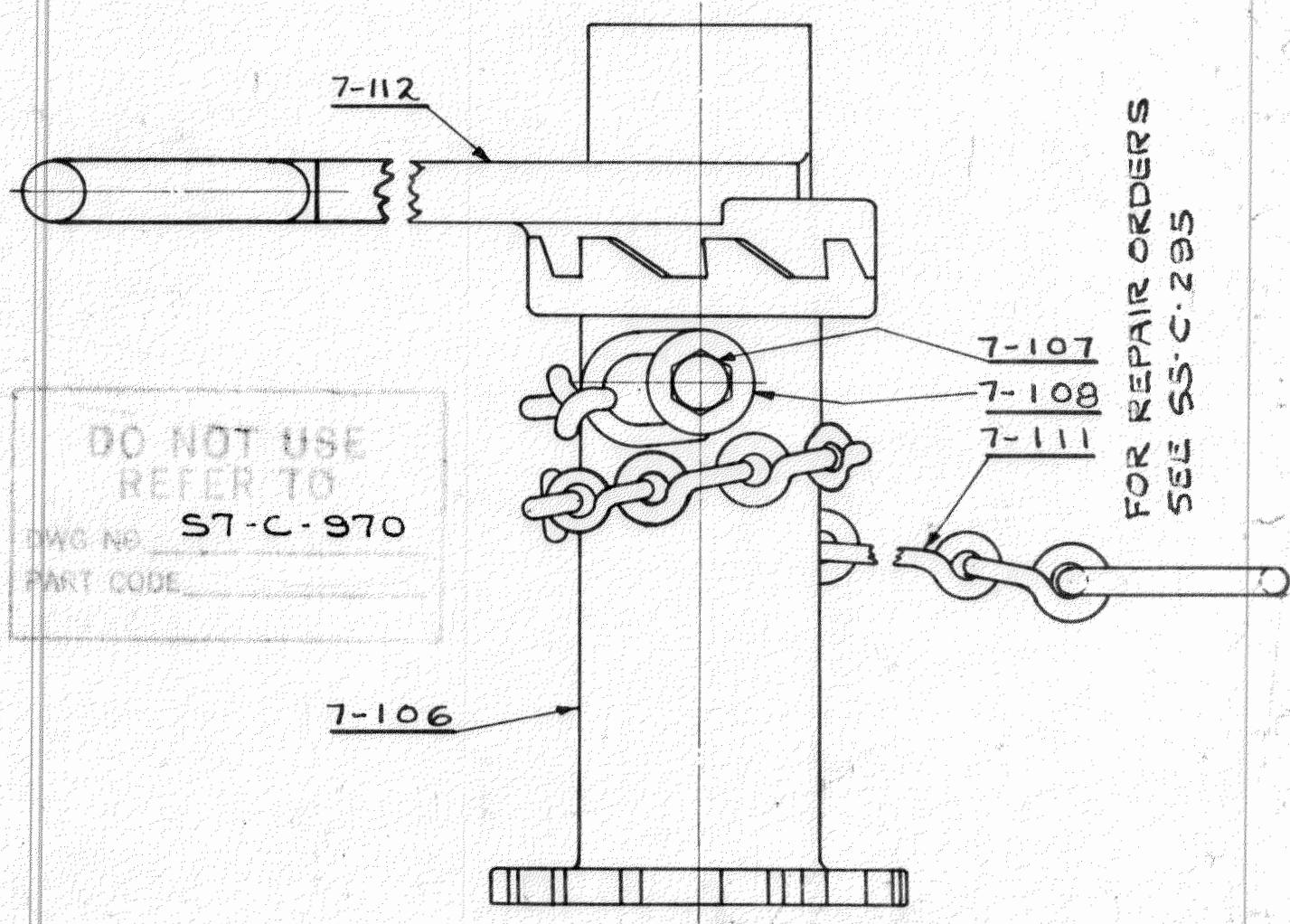
NORDBERG MFG. CO.
MILWAUKEE, WIS., U.S.A.

DRAWN BY EM DATE 55-C-71
CHECKED BY DATE

WINDLASS ASSEMBLY N°1

S-7-C-15

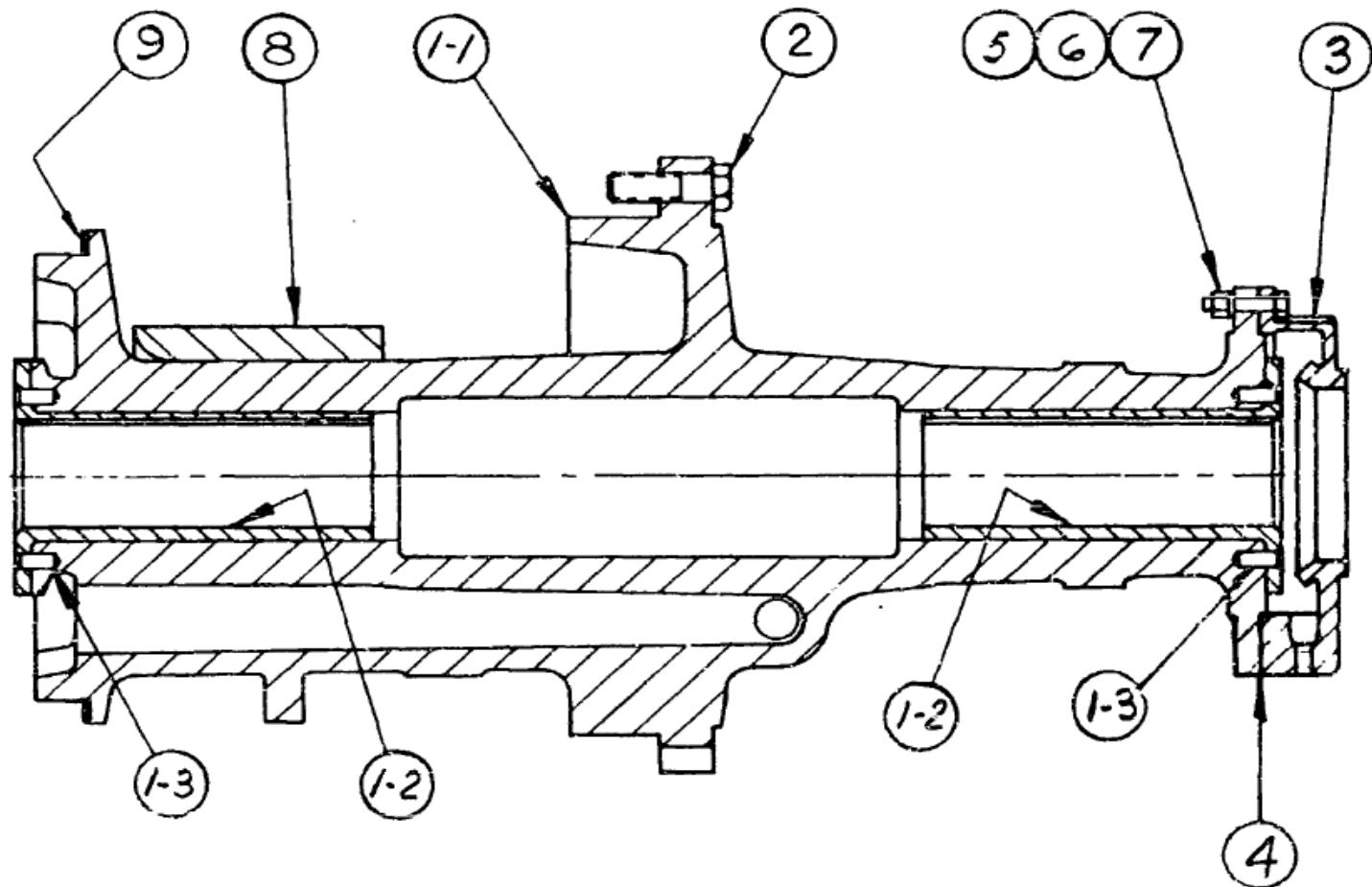
NAME	NO.	MAT.	SYM.	PATT.	DWG. NO.	
WRENCH FOR WINDLASS	2	C. ST.	7-112	7-112	7-C-313	①
3/4" x 1" CAP SCREW	2	STL.	2704536		7-C-314	②
WINDLASS CHAIN WASHER 7/8	2	STL.	3060055		7-C-314	③
WINDLASS	2	C. ST.	7-106	7-106	7-C-314	④
WINDLASS CHAIN COMPLETE	2	STL.	7-111		7-B-15	



A 6-3-26	B 2-13-51	C 6-11-69
ISSUED	① To ④ INC DRWG WAS 7-B-15 SADDED	"DO NOT USE" NOTE ADDED VP

7 FT. SYMONS CONE
WINDLASS ASSEMBLY N°1

NORDBERG MFG. CO.
MILWAUKEE, WIS., U. S. A.
DR: 6-3-26 W.V.B.
CK: S-7-C-15



5 1/2 FT STD & SH HD
SYMONS CONE
COUNTERSHAFT BOX ASSEMBLY

N
NORDBERG

M	P Redrawn	2-26-69

ITEM NO.	NAME	NO. REQ.	PART CODE	MATERIAL	PATTERN	DRAWING
1	Countershaft Box Assembly	1	9439 8169			9400 0006
1-1	Countershaft Box	1	4537 6721	0852 721	4537 6723	5-B-278
1-2	Countershaft Box Bushing *	2	2206 5871	0830 661	2206 5871	5-D-4
1-3	Bushing Pins	8	3307 242			
2	Bolt Hex Hd 1 1/2 x 4	6	2327 656			
3	Flinger Housing	1	6358 9201	0852 721	6358 9201	5-B-266
4	Flinger Housing Gasket	1	3555 8582			5-D-266
5	Capscrew Hex Hd 3/4 x 3 1/4	6	2776 095			
6	Hex Nut 3/4	6	3001 051			
7	Lockwasher 3/4	6	3065 928			
8	Countershaft Box Guard	1	3806 8501	0841 310	3806 8501	5-D-24
9	Countershaft Box Gasket 1/32	1	3586 9316			5-D-268

* WHEN FURNISHING COUNTERSHAFT BOX WITH BUSHINGS INSTALLED, CHECK WITH CUSTOMER FOR OIL GROOVE LOCATION, AND/OR DRIVE MOTOR LOCATION.

For Current Replacement Assembly Information

Please Refer to S5-C-1024

11-24-2008 Ryan Spahn

OIL GROOVE 12:00 O'CLOCK POSITION
INDEPENDENT PUMP
GASKET SEAL

Q	Repair Note Added	2-8-72
P	Redrawn	2-26-69



5 1/2 FT STD & SH HD SYMONS CONE COUNTERSHAFT BOX ASSEMBLY	
9448 0546	S5-C-369

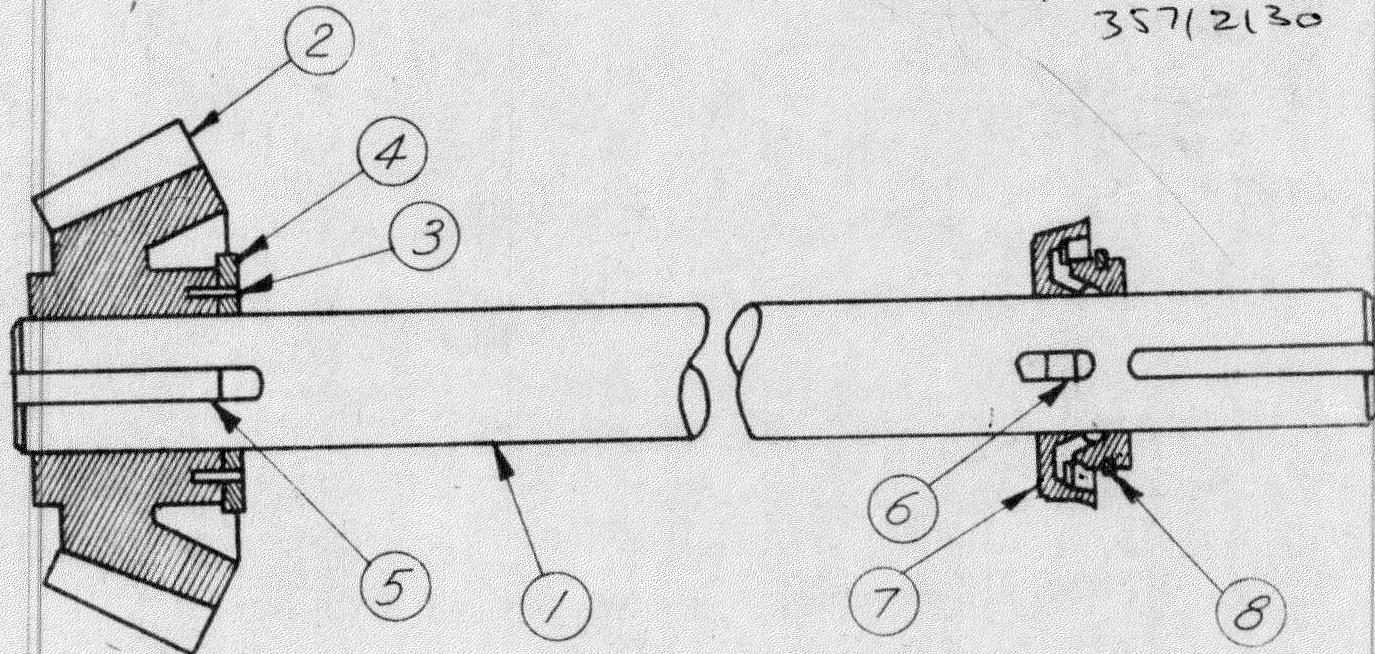
PARTS LIST

SHEET 1 OF 1 S 5-C-368

ITEM NO.	NAME	NO. REQ.	PARTS CODE NO. OR PART NO.	MAT'L. CODE NO. OR MATERIAL	PATTERN NO.	DRAWING NO.
1	Countershaft	1	6875 3761 5-809			5-C-237
2	Pinion	1	3682 9752	Alloy C St	3682 9752	5-B-401 *
3	Straight Pin 3/4 x 2	2	3307 254			
4	Pinion Thrust Washer	1	6342 4121 5-27			5-D-11
5	Pinion Tapered Key	1	4703 8525 5-5			5-D-174
6	Oil Flinger Key	1	4701 2821 5-830	use 04		5-D-314
7	Countershaft Box Oil Flinger	1	6358 5901 5-811	0860 017 C St	6358 5901	5-C-238
8	Piston Ring	1	6308 5321 7-1029			7-D-281

* THIS PINION IS EQUIVALENT TO AND INTERCHANGEABLE
WITH PINION DRAWING NO. 5-B-313, PART CODE
NO. 3682 9751.

w/ O-ring
35712130



PISTON RING SEAL
200 INVOLUTE
43-21 TOOTH COMBINATION

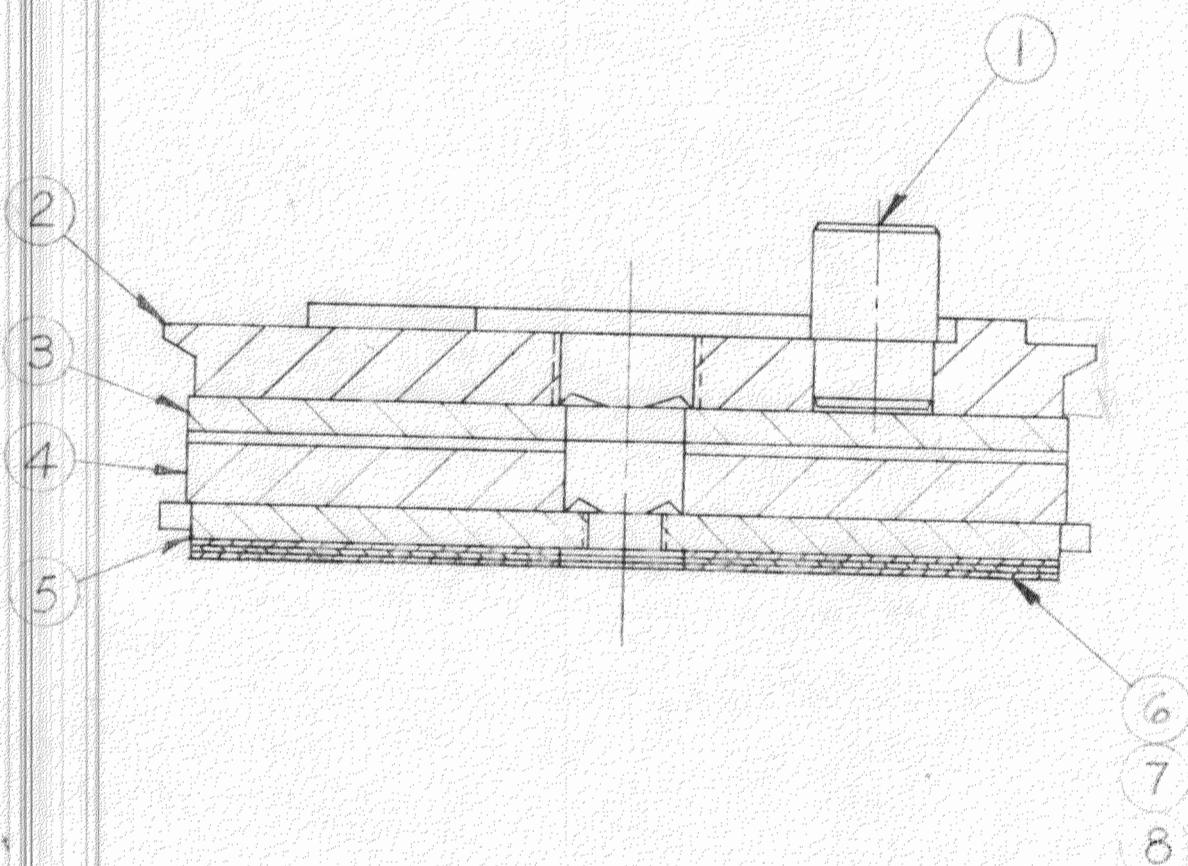
5 1/2 STD & SH HD SYMONS CONE
COUNTERSHAFT ASSEMBLY

H 3-26-64

Redrawn

NORDBERG MFG. CO.
MILWAUKEE, WIS., U.S.A.

DRAWN EW
CHECKED DMS 5-C-368



5 1/2 FT STD & SH HD
SYMONS CONE
THRUST BEARING ASSEMBLY

S5-C-63

9446 3851



J	It. 9 removed	3-12-75
H	It. 9 Added	3-12-71
D	Redrawn	8-22-68

NORDBERG MFG. CO.

"S" SHEET

MILWAUKEE, WIS. U.S.A.

PAGE 2 OF 2

55-C-63

ITEM NO.	NAME	NO REQ	PART CODE	MATERIAL	PATTERN	DRAWING
1	Pin for Upper Step Bearing Plate	1	5435 0441			5-D-213
2	Upper Step Bearing Plate	1	5760 5001	X		5-D-56
3	Center Step Bearing Plate	1	5760 4401	0830 661	5760 4401	5-D-55
4	Inner Step Bearing Plate	1	5760 4701	5760 5010	replaces 28-9-25	28-9-25
5	Lower Step Bearing Plate	1	5760 3501	0830 661	5760 3501	5-D-54
6	Step Bearing Shim 16 GA	2	7058 8876			5-D-57
7	Step Bearing Shim 20 GA	2	7058 9001			5-D-292
8	Step Bearing Shim 11 GA	1	7058 8880			5-D-485

JSC 933
 JSC 933
 11/5/71
 JSC

also
 find customer copy
 JSC 933

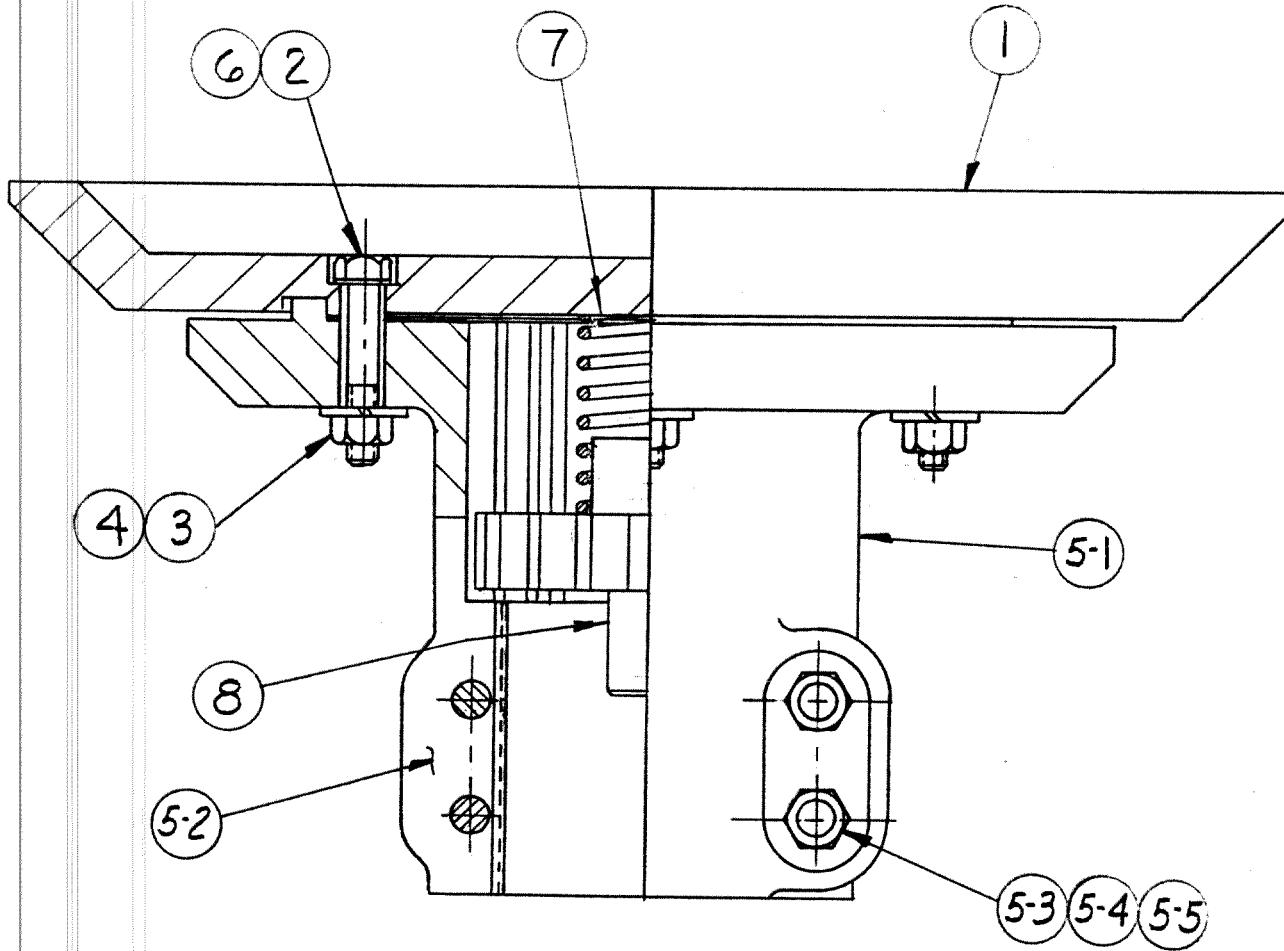
K	Its. 8 & 9 Chgd	3-12-75
J	It 6,7,8,9 were AR	9-7-71
H	It. 9 Added	3-12-71
G	Redrawn	8-22-68



5 1/2 FT STD & SH HD
SYMONS CONE
THRUST BEARING ASSEMBLY

9446 3851

55-C-63



5 1/2 FT STD
SYMONS CONE
FEED PLATE ASSEMBLY

Nordberg®

Nordberg Inc.
Milwaukee, WI 53207

DRAWN BY *JL*
DATE *9-22-68*
APPROVED BY *JJL* REV
DATE *10NOV99* P

\$5-C-71

9447 0376

M	P	ECN 101635	10NOV99
N	E.O. 43426	6-14-84	
M	IT. 7 REVISED	10-3-79	
L	REPAIR NOTE REMOVED	6-20-79	
K	REPAIR NOTE ADDED	2-11-74	
J	It. 7 Revised	10-3-79	
H	Redrawn	8-22-68	

CATALOG IV
MATERIALS I & II

NORDBERG MFG. CO.

"S" SHEET

MILWAUKEE, WIS. U.S.A.

PAGE 2 OF 2

S5-C-71

ITEM NO.	NAME	NO. REQ.	PART CODE	MATERIAL	PATTERN	DRAWING
1	Feed Plate	*	1	5598 7101	0861 001	5598 7101
2	Capscrew Hex Hd 1 x 6	4	2776 651			
3	Lockwasher 1"	4	3065 940			
4	Hex Nut 1"	4	3001 071			
5	Main Shaft Nut Sub-Assembly	1	9439 8061			
5-1	Main Shaft Nut	1	5168 6781	0860 017		9400 0009
5-2	Felt Strip 5/8 x 2 x 11 1/4	2	7624 4751	7625 0401		3
5-3	Bolt Hex Hd 1 1/4 x 8	4	2326 776			
5-4	Lockwasher 1 1/4	4	3065 952			
5-5	Hex Nut 1 1/4	4	3001 081			
6	Washer 1"	4	3060 500			
7	Spring	1	3623 574			1
8	Main Shaft Lockwasher	1	8618 3075			2

* Mong FeedPlate 5598 7102

CATEGORY IV

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Nordberg®

Nordberg Inc.
Milwaukee, WI 53207DRAWN BY CRJ
DATE 3-22-68APPROVED BY JL
DATE 10 NOV 99

REV P

CLOCKWISE
FINE, MEDIUM, COARSE5 1/2 FT STD
SYMONS CONE
FEED PLATE ASSEMBLY

9447 0376

S5-C-71

PARTS LIST

SHEET

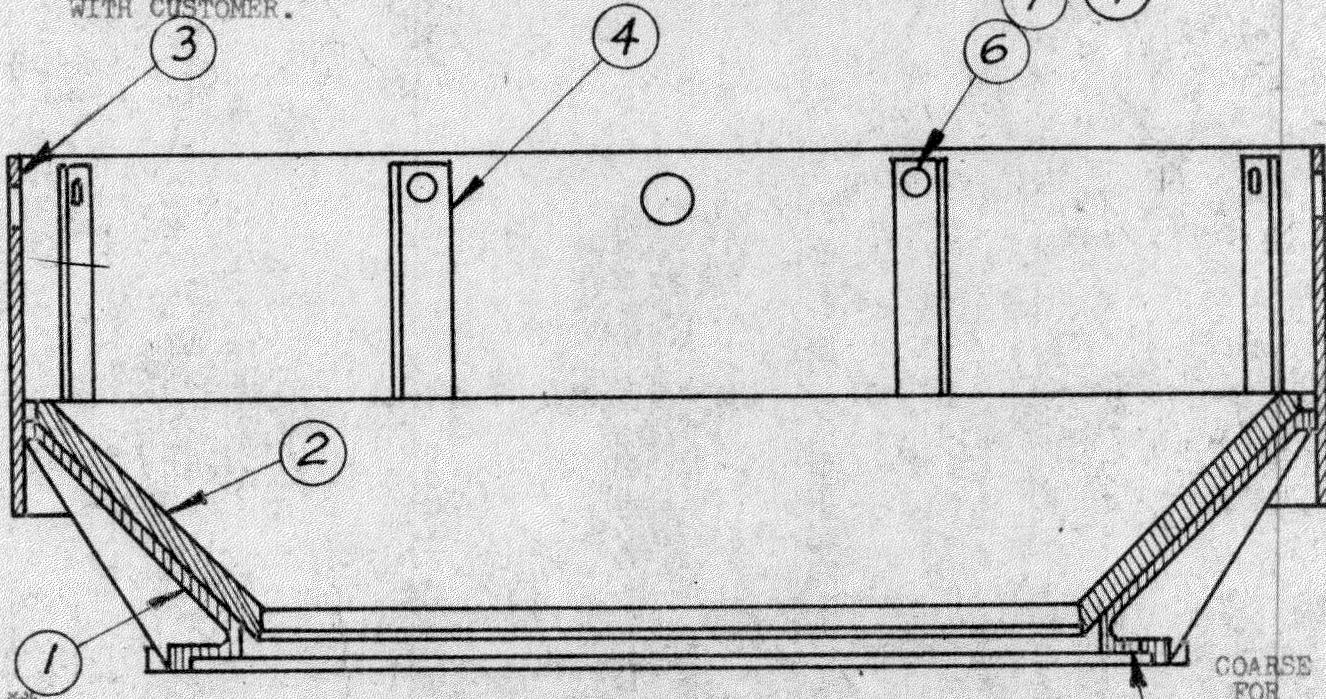
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S-5-C-313

ITEM NO.	NAME	NO. REQ'D	PART'S CODE NO. OR PART NO.	MAT'L CODE NO. OR MATERIAL	PATT. NO.	DWG. NO.	FIN. WGT LBS. EACH
1	Feed Hopper Cone	* ¹⁶	1 2618 6721 5-653	0860 017 C St	2618 7441	5-B-202	
2	Feed Cone	*	1 2618 6001 5-654	Mang St	2618 6001	5-C-188	
3	Bowl Hopper		1 1063 5141 5-647	0160 140 HRS		5-C-340	
4	Holding Down Segment	8	1341 5501 7-135	0860 017 C St	1341 5501	7-D-224	
5	Capscrews 1" x 3 1/4"	4	2776 596	St			
6	Hex Head Capscrew 1" x 3 1/2"- change hex nut to below	8	2776 601	St			
7	Hex nut 1"	8	3001 071	St			
8	Lock Washer 1"	12	3065 940	St			
9	Washer 1"	8	3060 061	St.			

For welding assembly of feed hopper cone
and bowl hopper, see Drwg. No. 5-C-187.

* WHEN ORDERING FEED CONE REPLACE WITH FLOATING FEED CONE
ASSEMBLY ~~5-C-270~~ PART CODE NO. 9439 8026 AFTER CHECKING
WITH CUSTOMER.



FEED HOPPER CONE OR COMPLETE HOPPER ASSEMBLY SHOULD BE REPLACED
BY COMPLETE HOPPER ASSEMBLY S5-C-604 OR S5-C-784 FOR LATEST
CONDITION.

D 12-17-56	E 10-29-57	F 3-21-61	G 4-16-62	H 1-27-72	I
Redrawn	See Engr. # Change Notice C92Lp	See Engr. Change C-15342	REV. ① ② ③ ④ PATT. # CHANGED	Repair Notes Added	5 1/2 FT SYMONS CONE HOPPER ASSEMBLY NORDBERG MFG. CO. MILWAUKEE, WIS., U.S.A. DRAWN CHECKED EW S-5-C-313

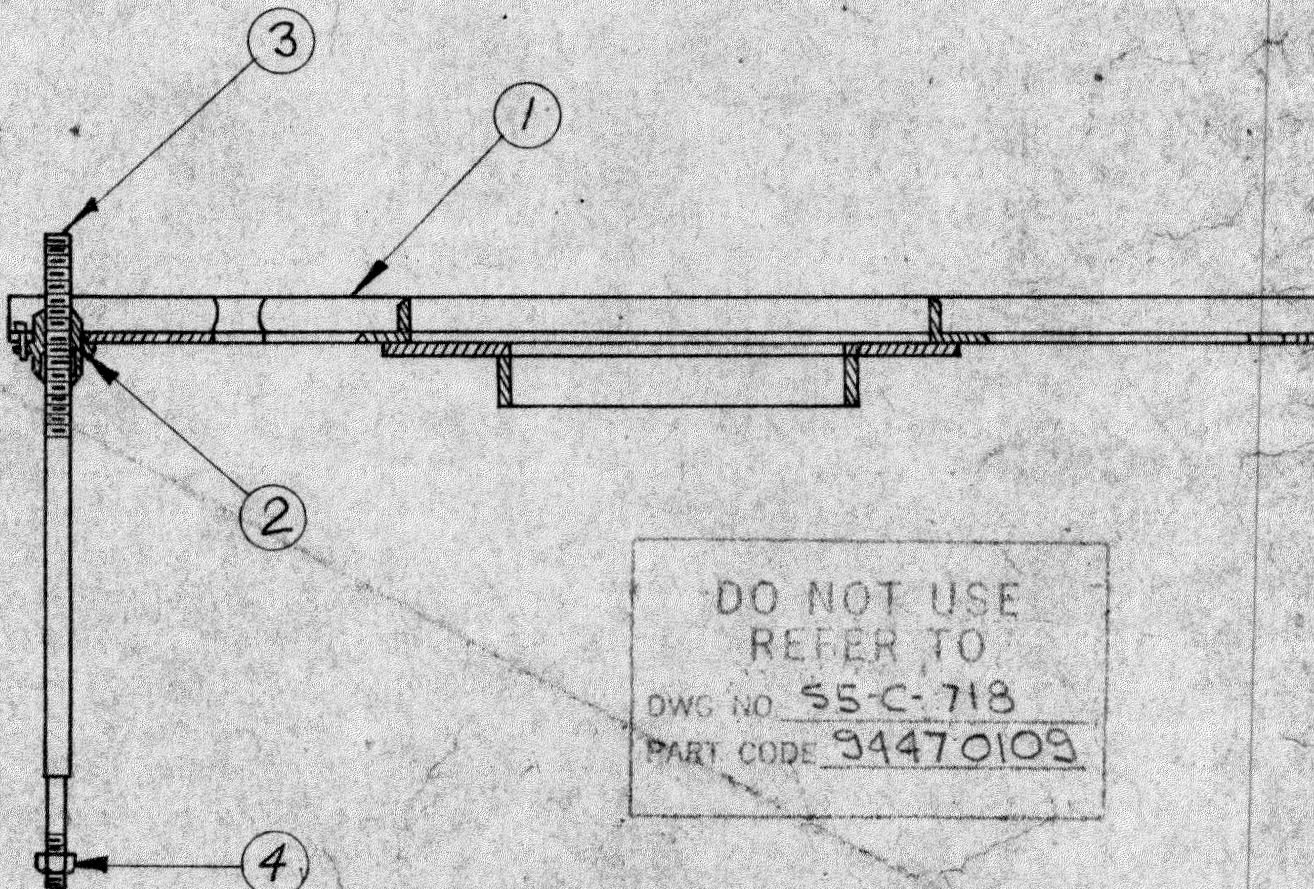
PARTS LIST

SHEET

1 OF 1

S-5-C-304

ITEM NO.	NAME	NO. REQ'D	PARTS CODE NO. OR PART NO.	MAT'L CODE NO. OR MATERIAL	PATT. NO.	DWG. NO.	FIN. WGT. LBS. EACH
1	Feed Platform	1	5781 5701 5-640	St		5-B-192	
2	Feed Adjustment Nuts	4	5149 5751 7-942	0852 721 CI MILB	5149 5751	7-D-252	
3	Feed Adjustment Post	4	6594 7941 5-76	St		5-D-32	
4	Hex nuts	4	5149 5501 7-1085	St		7-D-301	



FOR COMPLETE FEED ADJ. POST
ASSEMBLY REPLACEMENT
REFER TO S-5-C-550
Fine, Medium & Coarse

S-5-C-304

D 12-13-56	E 8-20-G2	F 7-14 69		
Redrawn	ITEM 2 PATT. NO. WAS 7-942 C-13461 RDS	DO NOT USE ADDED 56192		

5 1/2 FT STD SIMONS CONE
FEED PLATFORM ASSEMBLY

NORDBERG MFG. CO.
MILWAUKEE, WIS., U.S.A.

DRAWN BY EW CHECKED BY S-5-C-304

EXTRA PARTS ASSEMBLY.

S5-C-222

NAME	NO.	MAT.	SYM.	PATT.	DWG. No.
MAIN SHAFT EYEBOLT. 2½"	1	C.S.	5-200	5-200	5-D-73
NON-BOLTED & BOLTED SOCKET & ECCENTRIC EYEBOLT. 1¼"	2	STL.	7-78		7-C-8
THRUST BEARING EYEBOLT. 1½"	1	STL.	5-133		5-D-58
BOWL LINER "U" BOLT WRENCH. 2"	1	C.S.	7-54	7-54	7-D-8
MAIN SHAFT NUT WRENCH.	1	C.S.	5-73	5-73	5-D-29
SOCKET WRENCH. 1¼" (M. SHAFT NUT LOCK BOLTS)	1	STL.	5-720		SKE 1060-C
BOLTED SOCKET SCREW WRENCH.	1	STL.	5-794		5-D-229
BOLTED SOCKET WATER CHAMBER CAP	1	STL	5-719		5-D-199
SCREW WRENCH.					
BOLTED SOCKET SEALING RING EYEBOLT. 1"	2	STL.	3-252		3-D-87
SLEDGING WRENCH. (FEED PLATE BOLTS.)	1	CARB ST	44515		4400-D-120
STANDARD PATENT PLATE.	1	BRASS.			
2½"-15° SINGLE END SPANNER. (SPRING BOLTS)	1	FGD.	5-561		SKE 997-C
1½"-15° " " "(M. FRAME CAP SCREWS)	1	FGD.	44245		SKE 997-C
STEP BEARING PLATE ROD.	1	STL.	5-273		5-D-90

1¼" CHECK VALVE	1	BRZ.	3-497	
SIGHT FEED OIL GAUGE & PIPING.	1	BR/W.I.	5-198	SKE 1328-A
AIR MAZE FILTER NO. A-0BGC.	1	STL.	2-320	SKE 1328-A
3"-15° SINGLE END SPANNER. SPEC. 45° OPEN (ADJ. CAP BOLTS) NOT REQT. FOR WEDGE ADJ.	1	FGD.	5-154	SKE 997-C
1¼" B.S.PIPE. NIPPLE.	2	MAL.I.		
1¼" B.S.PIPE. FEMALE ELBOW.	1	--		
3" B.S.PIPE. NIPPLE.	1	--		
3" B.S.PIPE. FEMALE ELBOW.	1	--		

FOR STANDARD DESIGN MACHINES				ITEMS X
FEED PIPING	1	W.I.	5-714	SKE 1328-A
DRAIN PIPING	1	W.I.	5-715	--

FOR MACHINES WITH INDEPENDENT PUMP				ITEMS Y
FEED PIPING	1	W.I.	5-515	SKE 1557-A
DRAIN PIPING.	1	W.I.	5-514	--

FOR MACHINES WITH WATERSEAL NON-BOLTED SOCKET				ITEMS Z
WATER PIPING	1	W.I.	5-490	5-B-127

FOR MACHINES WITH WATERSEAL BOLTED SOCKET (4-ARM FRAME)				ITEMS V
WATER PIPING.	1	W.I.		5-B-250

FOR MACHINES WITH WATERSEAL BOLTED SOCKET (3-ARM FRAME)				ITEMS U
WATER PIPING.	1	MS. I. OPEN LOOSE		5-B-226

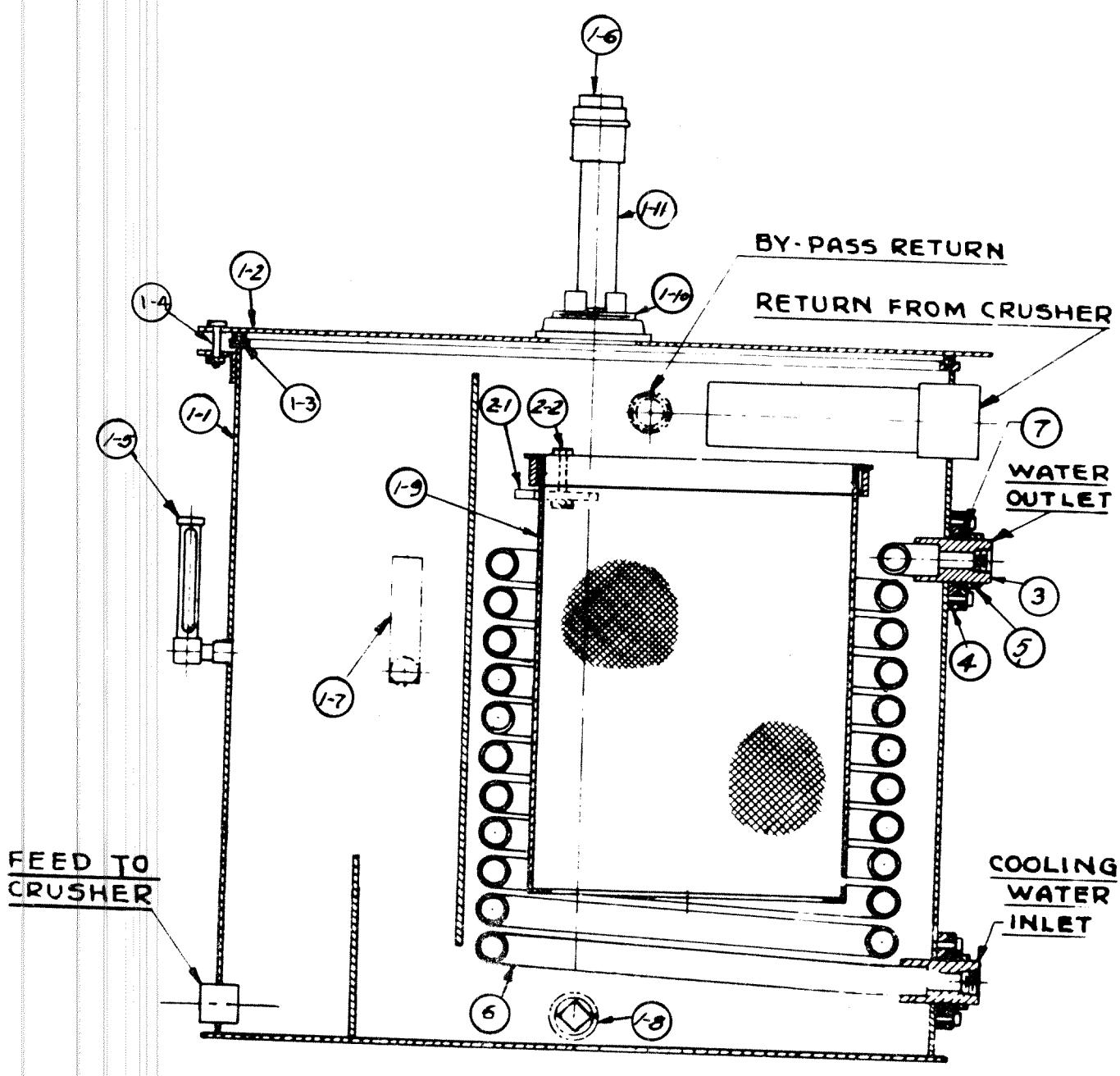
FOR MACHINES FITTED WITH ZINC BACKED MANGANESE ONLY.				
ZINCING MANDREL FOR STD M/C'S	1	G.I.	5-319	5-319
-- -- FOR EXTRA COARSE	1	G.I.	5-869	5-869

5½ FT. STD. SYMONS CONE.
EXTRA PARTS ASSEMBLY.

NORDBERG MFG. CO.
LONDON W.I.

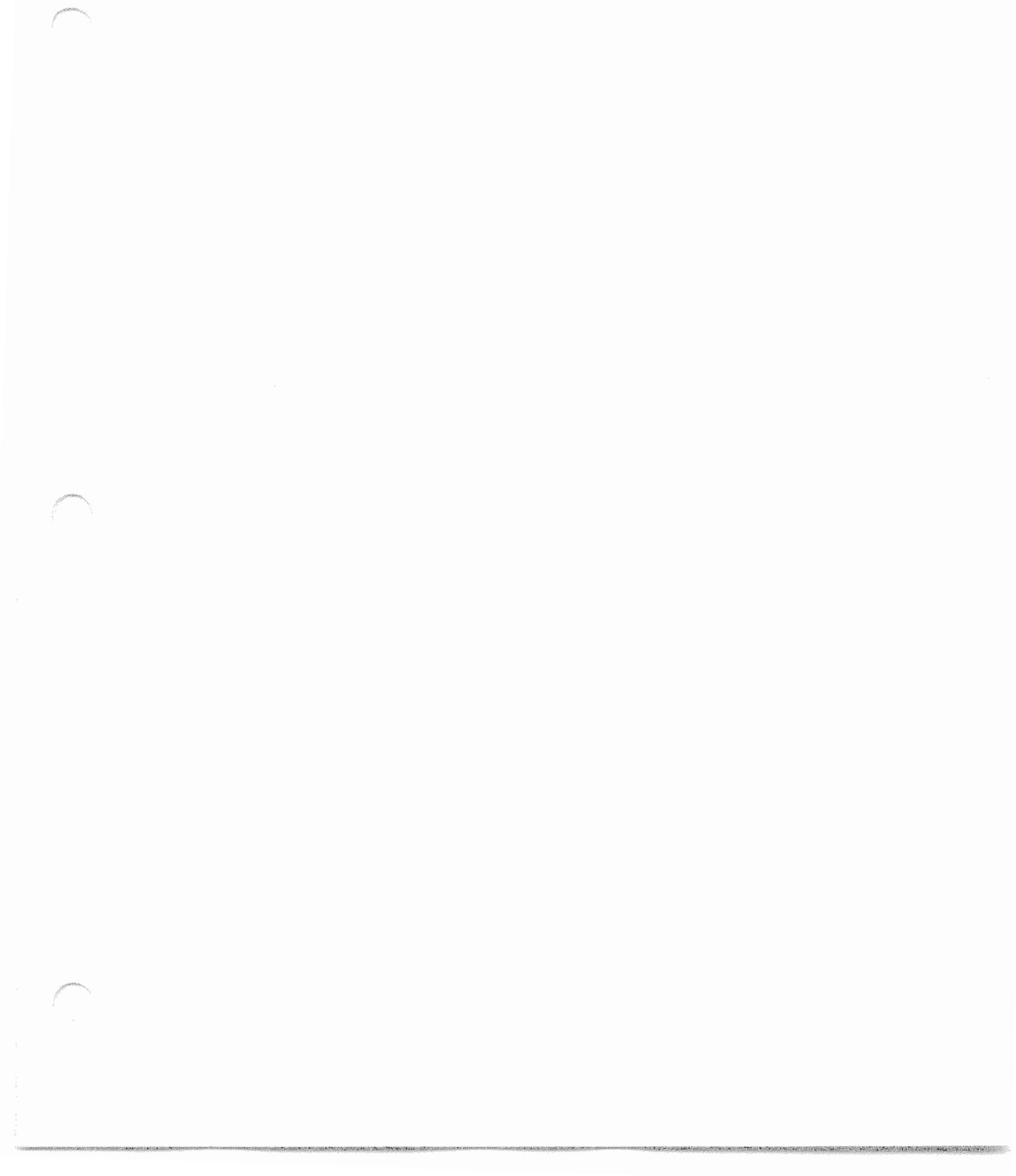
S5-C-222.

(A)	
FOR PREVIOUS MO'S SEE EARLIER ISSUES.	14-1-55 OIL TANK-DELETED, ZINCING MANDRELS DELETED FROM ITEMS W, NOW SEPARATE. (1)-ADDED.



5$\frac{1}{2}$ x 7' STD. E SH. HD. SYMONS CONE OIL TANK ASSEMBLY	
NORDBERG MFG. CO. MILWAUKEE, WIS., U.S.A.	E 8-24-56
S-7-C-419	REDRAWN

DR: CCC
CK: H.F.T.



PARTS LIST				SHEET 2 OF 2	S7-C-419		
ITEM NO.	NAME	NO. REQ'D	PARTS CODE NO. OR PART NO.	MAT'L CODE NO. OR MATERIAL	PATT. NO.	DWG. NO.	FIN. WGT. LBS. EACH
1	OIL TANK ASSEMBLY	1	7915 4701 7-980			7-B-301	
1-1	OIL TANK WELDMENT	1				7-B-301	
1-2	OIL TANK COVER WELDMENT	1				7-B-301	
1-3	PACKING 1/2" SQ. / 39 LG. GARLOCK			#233 4510 745		7-B-301	
1-4	BOLTS SQ. HD. 1/2"X 2 1/2" WITH HEX NUTS	10	2577 096	ST.		7-B-301	
1-5	OIL RITE GAUGE OIL RITE B-270- 14	1	7030 825			7-B-301	
1-6	DONALDSON BREATHER	1	2284 0004			7-B-301	
1-7	THERMOMETER 30°-180°F.	1	7043 130			7-B-301	
1-8	PIPE PLUG DRAIN	1	1558 647	C.I.		7-B-301	
1-9	OIL FILTER	1	7608 4180 7-978			7-B-301	
1-10	PIPE PLUG	1	5827 9561 3-820	1559 272		7-B-447	
1-11	BREATHER COUPLING	1	3-819	0551 289 ST.		3-C-290	
2	OIL FILTER CLAMPS CONSISTING OF THE FOLLOWING ITEMS: CLAMP BAR 1/4"X1"X 10" LG.	2	1312 1685	0115 035 H.R.S		3-D-284	
2-2	BOLT SQ.HD. 1/4"X2 1/4" W/HEXNUT	2	2561 086	ST.		3-D-348	
3	END BUSHING	2	1028 1281	BRASS		22-D-52	
4	PACKING PLATE	2	6294 8781	0160 100			
5	PACKING PLATE CAP	2	22-D-53 6294 9061 22-D-54	H.R.S 0160 185 HRS		22-D-53	
6	COOLING COIL	1	2548 0010 7-981			22-D-54	
7	PACKING		3570 7026 22-D-77	4522061 SYN CORD		7-B-302	
							22-D-77

5 1/2' & 7' STD. & SH. HD.

F 8-16-56

REDRAWN

SYMONS CONE
OIL TANK ASSEMBLY

NORDBERG MFG. CO.
MILWAUKEE, WIS., U.S.A.

DRAWN CCC
CHECKED H.F.T. S7-C-419

MULT.