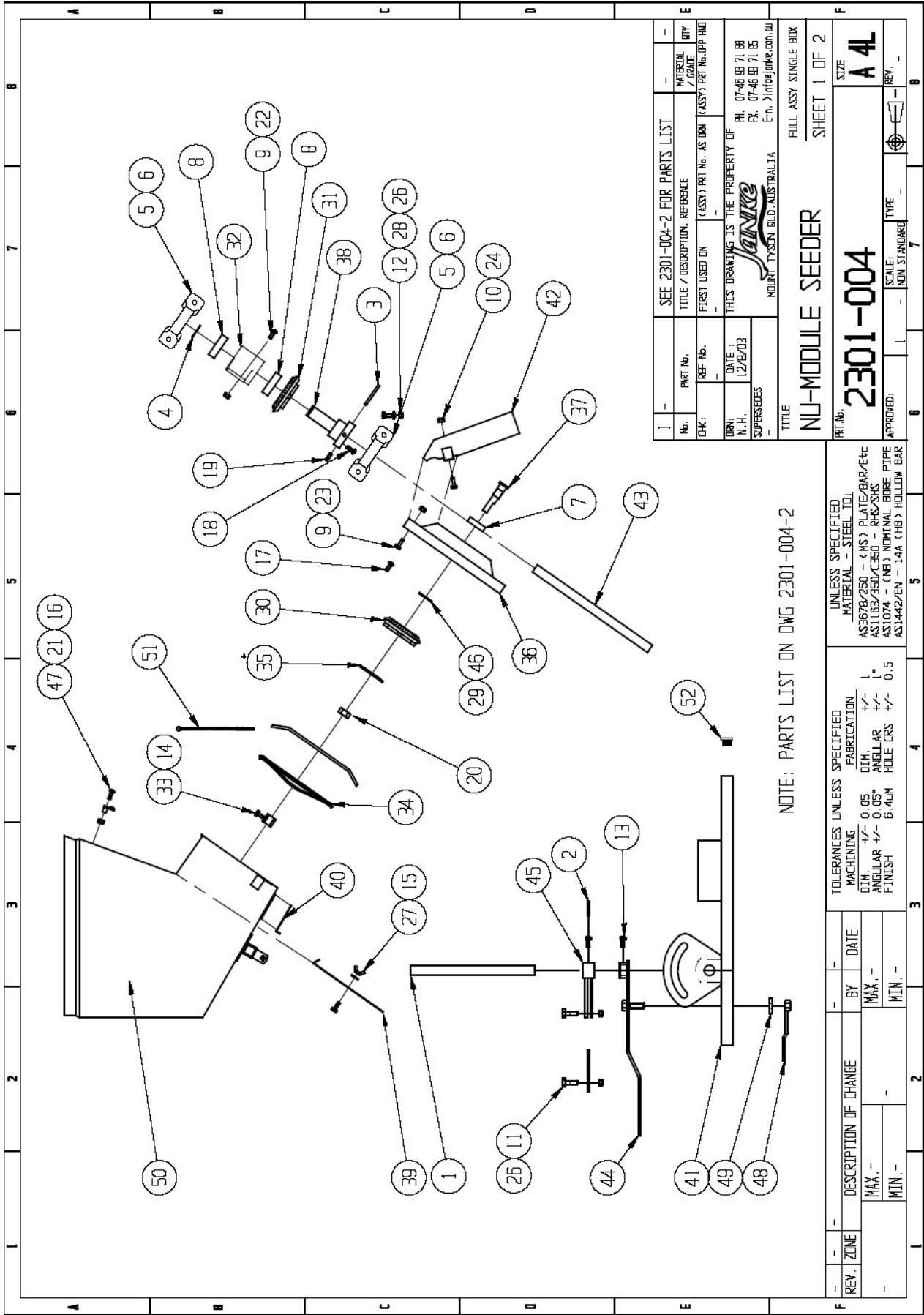




Section 13

Nu-Module Seeder Boxes

¹ Janke (Australia) reserves the right to alter the pricing of any of its products without notice.



NOTE: PARTS LIST ON DWG 2301-004-2

SEE 2301-004-2 FOR PARTS LIST		MATERIAL		QTY	
No.	PART No.	TITLE / DESCRIPTION, REFERENCE		/ GRADE	
CHK:	REF. No.	FIRST USED ON		(ASSY) PART No. AS DWN	
DATE:	N. H.	THIS DRAWING IS THE PROPERTY OF		REV. 07-46 07 71 08	
SUPERSEDES		DATE: 12/8/03		REV. 07-46 07 71 05	
		MOUNT TYSSEN QLD, AUSTRALIA		E-mail: jay@jake.com.au	
		FULL ASSY SINGLE BOX		SHEET 1 OF 2	
		NLJ-MODULE SEEDER		SIZE	
		2301-004		A 4L	
		APPROVED:		SCALE: 1:1	
		NON-STANDARD		REV.	

UNLESS SPECIFIED
MATERIAL - STEEL 101:
AS3678/250 - (MS) PLATE/BAR/Etc
AS1163/350/C350 - RIBS/SIS
AS1074 - (MS) NOMINAL BORE PIPE
AS1442/20 - 14A (HB) HOLLOW BAR

TOLERANCES UNLESS SPECIFIED
MACHINING: DIM. +/- 0.05
DIM. ANGULAR +/- 1°
FINISH: HOLE CRS +/- 0.5
HOLE CRS +/- 0.5

REV.	ZONE	DESCRIPTION OF CHANGE	BY	DATE
		MAX.		
		MIN.		

1		2		3		4		5		6		7		8	
A															
B															
C															
D															
E															
F															
REV. ZONE		DESCRIPTION OF CHANGE		BY		DATE		TOLERANCES UNLESS SPECIFIED MACHINING		UNLESS SPECIFIED MATERIAL - STEEL TO:		PART No.		TITLE / DESCRIPTION, REFERENCE	
MAX. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
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REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
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REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
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REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
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REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -		MAX. -		MIN. -		DIM. +/- 0.05 ANGULAR +/- 0.05° FINISH B.4UM		AS3678/250 - (MS) PLATE/BAR/Etc AS1103/350/1350 - RHS-SHS AS1074 - (NB) NOMINAL BORE PIPE AS1442/EN - 14A (HB) HOLLOW BAR		2301-004-2		TITLE	
REV. -		MIN. -													



2

Price List for Nu-Module Seeder **2301-004**

Individual Components:

No.	Part No.	Description	Qty.
1	0103-414	ROUND CS1030 BRT 22.22 (7/8") CUT TO 270 LONG	1
2	1051-032	ROLL PIN, Z.P. 3/16" X 1 1/4"	2
3	1051-034	ROLL PIN, Z.P. 3/16" X 2"	1
4	1053-202	CIRCLIP,EXTERNAL 25 DIA TYPE1400-25	1
5	1410-039	BEARING HOUSING P204J	2
6	1410-040	BEARING EW204-12S WIDE INNER RACE, GREASABLE	2
7	1610-105	BEARING LJ5/8-2RSJ (WAS RLS 5 2RS AND RLS5DDU)	1
8	1610-107	BEARING 6205 DDU- 25 MM BORE	2
9	1B11-51A4	BOLT ZP 1/4" UNC X 1/2"	4
10	1B11-51A4	BOLT ZP 1/4" UNC X 1/2"	2
11	1B11-51B8	BOLT ZP 5/16 UNC X 1"	2
12	1B11-51C9	BOLT ZP 3/8 UNC X 1 1/4"	4
13	1B87-50A4	SET SCREW SQUARE BLACK 1/4 BSW X 1/2"	2
14	1B87-50B6	SET SCREW SQUARE BLACK 5/16 BSW X 3/4"	1
15	1B87-51A6	SET SCREW SQUARE ZP 1/4 BSW X 3/4"	2
16	1B91-51A6	BOLT PANHEAD ZP 1/4 UNC X 3/4 "	4
17	1B91-5188	SLOT SCREW ROUND ZP 3/16" UNC x 1"	1
18	1B9Z-51A8	PAN HEAD SELF TAP ZP 12G x 1	1
19	1BD1-50B1	GRUB SCREW BLACK 5/16 UNC X 5/16"	1

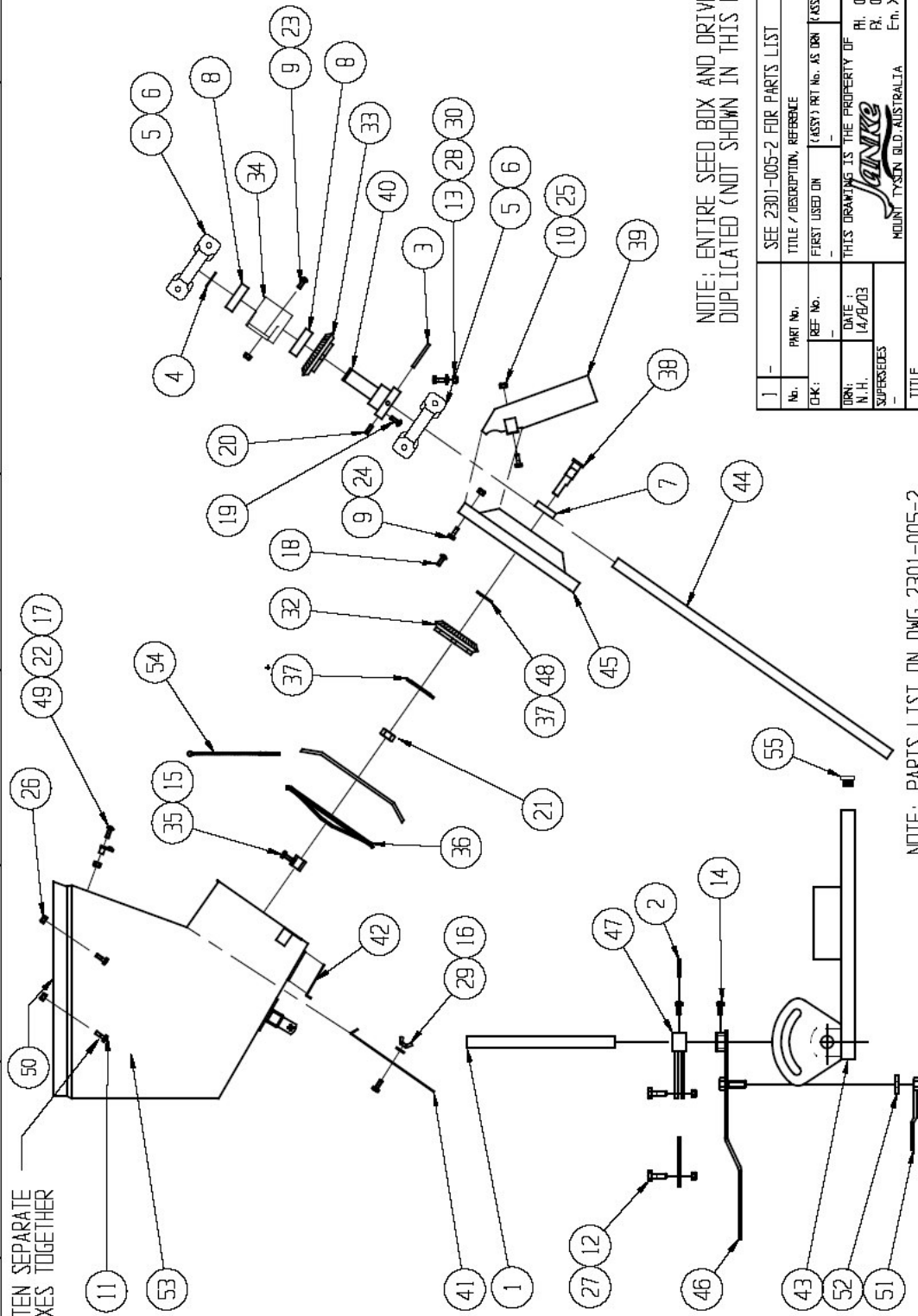
² Janke (Australia) reserves the right to alter the pricing of any of its products without notice.



No.	Part No.	Description	Qty.
20	1N12-81G	NUT ZP 5/8"UNF	1
21	1N31-518	NUT NYLOC ZP 3/16"UNC	1
22	1N31-51A	NUT NYLOC ZP 1/4"UNC	4
23	1N31-51A	NUT NYLOC ZP 1/4"UNC	4
24	1N31-51A	NUT NYLOC ZP 1/4"UNC	2
25	1N31-51B	NUT NYLOC ZP 5/16"UNC	2
26	1N31-51C	NUT NYLOC ZP 3/8"UNC	4
27	1NB7-51A	NUT WING ZP 1/4"BSW	2
28	1W10-11C	WASHER FLAT ZP 3/8"	8
29	1W20-11G	WASHER FLAT ZP, 5/8" X 1 1/4", 2 MM TH	1
30	2301-203	SPINDLE DRIVE GEAR (LUGGED)	1
31	2301-204	DRIVE SHAFT GEAR	1
32	2301-205	DRIVE SHAFT BRG HSG	1
33	2301-208	PLANTER PL RETAINING COLLAR 1/2" ID	1
34	2301-209	PLANTER PL RETAINING CAP 1/2" HOLE	1
35	2301-210	SPINDLE WASHER	1
36	2301-211	PLANTER BOX BASE SINGLE	1
37	2301-212	SPINDLE ZP, SEED BOX	1
38	2301-214	DRIVE SPINDLE	1
39	2301-215	PLANTER BOX BAFFLE	1
40	2301-216	CLEANING DOOR	1
41	2301-217	FRAME SINGLE PLANTER BOX	1
42	2301-218	BOX OUTLET STRAIGHT	1
43	2301-223	SHAFT, PLANTER BOX DRIVE 3/4" SS X 12"	1
44	2301-229	HANDLE ASSY, PLANTER BOX TILT	1
45	2301-230	TILT LINKAGE SEEDER BOX	1
46	2301-232	SPINDLE SHIM ZP 1 1/8" X 5/8" X 0.006"	3
47	2301-235	PLANTER BOX LID RETAINER - BLACK PLASTIC	1
48	2301-237	ADJUSTER HANDLE LOCK - SEED BOXES	1
49	2301-238	ADJUSTER HANDLE WASHER	1
50	2301-240	SEED BOX ASSEMBLY SINGLE	1
51	2302-101	BRUSH, SEED PLATE (OPTIONAL)	1
52	CPM-26-25	CAP PLASTIC 1" SQ RHS, FP SERIES	4

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BOLTS FASTEN SEPARATE SEEDER BOXES TOGETHER



NOTE: ENTIRE SEED BOX AND DRIVE SYSTEM DUPLICATED (NOT SHOWN IN THIS DWG)

1		SEE 2301-005-2 FOR PARTS LIST		-	
No.	PART No.	TITLE / DESCRIPTION, REFERENCE	MATERIAL	QTY	
CHK:	REF No.	FIRST USED ON	(ASSY) PART No. AS DEN	(ASSY) PART No. (PP) IND	
DRN:	DATE:	THIS DRAWING IS THE PROPERTY OF			
N.H.	14/8/03	JANKE			
SUPERSEDES		MOUNT TYSON, QLD, AUSTRALIA			
		E-m: jinfo@janke.com.au			

NOTE: PARTS LIST ON DWG 2301-005-2

TITLE		FULL ASSY DOUBLE BOX	
NU-MODULE SEEDER		SHEET 1 OF 2	

PART No.		SIZE	
2301-005		A 4L	
APPROVED:	SCALE:	TYPE	REV.
	1	NON STANDARD	-

REV. / ZONE		DESCRIPTION OF CHANGE		BY		DATE	
MAX.		MIN.		MAX.		MIN.	

TOLERANCES UNLESS SPECIFIED		UNLESS SPECIFIED	
MACHINING		MATERIAL - STEEL TO:	
DTW	±0.05	AS3678/250 - (NS)	PLATE/BAR/Etc
ANGULAR	±0.05°	AS1163/350/350 - R/S/S/S	
FINISH	6.3µm	AS1074 - (NS)	NOMINAL BORE PIPE
		AS1442/EN - 1.4A	(HB) HOLLOW BAR

FABRICATION		FABRICATION	
DTW	±0.05	DTW	±0.05
ANGULAR	±0.05°	ANGULAR	±0.05°
HOLE CRS	±0.5	HOLE CRS	±0.5

1		2		3		4		5		6		7		8																																																																																																																																																																																																													
<table><tr><td colspan="2">31</td><td>1W20-11G</td><td>WASHER FLAT ZP 5/8" x 1 1/4" 2mm THK</td><td>-</td><td>2</td></tr><tr><td colspan="2">30</td><td>1W10-11C</td><td>WASHER FLAT ZP 3/8"</td><td>-</td><td>8</td></tr><tr><td colspan="2">29</td><td>1N87-51A</td><td>NUT WING ZP 1/4" BSW</td><td>-</td><td>4</td></tr><tr><td colspan="2">28</td><td>1N31-51C</td><td>NUT NYLOC ZP 3/8" UNC</td><td>-</td><td>4</td></tr><tr><td colspan="2">27</td><td>1N31-51B</td><td>NUT NYLOC ZP 5/16" UNC</td><td>-</td><td>2</td></tr><tr><td colspan="2">26</td><td>1N31-51A</td><td>NUT NYLOC ZP 1/4" UNC</td><td>-</td><td>2</td></tr><tr><td colspan="2">25</td><td>1N31-51A</td><td>NUT NYLOC ZP 1/4" UNC</td><td>-</td><td>4</td></tr><tr><td colspan="2">24</td><td>1N31-51A</td><td>NUT NYLOC ZP 1/4" UNC</td><td>-</td><td>8</td></tr><tr><td colspan="2">23</td><td>1N31-51A</td><td>NUT NYLOC ZP 1/4" UNC</td><td>-</td><td>8</td></tr><tr><td colspan="2">22</td><td>1N31-51B</td><td>NUT NYLOC ZP 3/16" UNC</td><td>-</td><td>2</td></tr><tr><td colspan="2">21</td><td>1N12-81G</td><td>NUT ZP 5/8" UNF</td><td>-</td><td>2</td></tr><tr><td colspan="2">20</td><td>1B01-50B1</td><td>GRUB SCREW BLK 5/16 UNC x 5/16"</td><td>-</td><td>2</td></tr><tr><td colspan="2">19</td><td>1B87-51A8</td><td>PAN HEAD SELF TAP ZP 125 x 1</td><td>-</td><td>2</td></tr><tr><td colspan="2">18</td><td>1B87-51B8</td><td>BOLT BUTTON HEAD STAR ZP 3/16 x 1.5" BSW</td><td>-</td><td>2</td></tr><tr><td colspan="2">17</td><td>1B81-51B8</td><td>SLOT SCREW ROUND ZP 3/16" UNC x 1"</td><td>-</td><td>8</td></tr><tr><td colspan="2">16</td><td>1B87-51A6</td><td>SET SCREW SQUARE ZP 1/4 BSW x 3/4"</td><td>-</td><td>4</td></tr><tr><td colspan="2">15</td><td>1B87-50B6</td><td>SET SCREW SQUARE BLK 5/16 BSW x 3/4"</td><td>-</td><td>2</td></tr><tr><td colspan="2">14</td><td>1B87-50A4</td><td>SET SCREW SQUARE BLK 1/4 BSW x 1/2"</td><td>-</td><td>2</td></tr><tr><td colspan="2">13</td><td>1B11-51C9</td><td>BOLT ZP 5/16" UNC x 1 1/4"</td><td>-</td><td>4</td></tr><tr><td colspan="2">12</td><td>1B11-51B8</td><td>BOLT ZP 5/16" UNC x 1"</td><td>-</td><td>2</td></tr><tr><td colspan="2">11</td><td>1B11-51A6</td><td>BOLT ZP 5/16" UNC x 3/4"</td><td>-</td><td>2</td></tr><tr><td colspan="2">10</td><td>1B11-51A4</td><td>BOLT ZP 1/4" UNC x 1/2"</td><td>-</td><td>4</td></tr><tr><td colspan="2">9</td><td>1B11-51A4</td><td>BOLT ZP 1/4" UNC x 1/2"</td><td>-</td><td>8</td></tr><tr><td colspan="2">8</td><td>1610-107</td><td>BEARING 6205 DDJ - 25mm BORE</td><td>-</td><td>4</td></tr><tr><td colspan="2">7</td><td>1610-105</td><td>BEARING L15/8-2RSJ</td><td>-</td><td>2</td></tr><tr><td colspan="2">6</td><td>1410-040</td><td>BEARING EW204-12S</td><td>-</td><td>2</td></tr><tr><td colspan="2">5</td><td>1410-039</td><td>BEARING HOUSING P240J</td><td>-</td><td>2</td></tr><tr><td colspan="2">4</td><td>1053-202</td><td>CIRCLIP, EXTERNAL 25 DIA TYPE 1400-25</td><td>-</td><td>2</td></tr><tr><td colspan="2">3</td><td>1051-034</td><td>ROLL PIN, ZP 3/16" x 2"</td><td>-</td><td>2</td></tr><tr><td colspan="2">2</td><td>1051-032</td><td>ROLL PIN, ZP 3/16" x 1 1/4"</td><td>-</td><td>2</td></tr><tr><td colspan="2">1</td><td>0103-414</td><td>ROUND CS103D BRT ZP 22 (7/8") OUT TO 600 LING</td><td>-</td><td>1</td></tr><tr><td colspan="2"></td><td></td><td>TITLE / DESCRIPTION, REFERENCE</td><td></td><td></td></tr><tr><td colspan="2">No.</td><td>PART No.</td><td></td><td></td><td></td></tr><tr><td colspan="2"></td><td></td><td></td><td>MATERIAL / GRADE</td><td>QTY</td></tr></table>																31		1W20-11G	WASHER FLAT ZP 5/8" x 1 1/4" 2mm THK	-	2	30		1W10-11C	WASHER FLAT ZP 3/8"	-	8	29		1N87-51A	NUT WING ZP 1/4" BSW	-	4	28		1N31-51C	NUT NYLOC ZP 3/8" UNC	-	4	27		1N31-51B	NUT NYLOC ZP 5/16" UNC	-	2	26		1N31-51A	NUT NYLOC ZP 1/4" UNC	-	2	25		1N31-51A	NUT NYLOC ZP 1/4" UNC	-	4	24		1N31-51A	NUT NYLOC ZP 1/4" UNC	-	8	23		1N31-51A	NUT NYLOC ZP 1/4" UNC	-	8	22		1N31-51B	NUT NYLOC ZP 3/16" UNC	-	2	21		1N12-81G	NUT ZP 5/8" UNF	-	2	20		1B01-50B1	GRUB SCREW BLK 5/16 UNC x 5/16"	-	2	19		1B87-51A8	PAN HEAD SELF TAP ZP 125 x 1	-	2	18		1B87-51B8	BOLT BUTTON HEAD STAR ZP 3/16 x 1.5" BSW	-	2	17		1B81-51B8	SLOT SCREW ROUND ZP 3/16" UNC x 1"	-	8	16		1B87-51A6	SET SCREW SQUARE ZP 1/4 BSW x 3/4"	-	4	15		1B87-50B6	SET SCREW SQUARE BLK 5/16 BSW x 3/4"	-	2	14		1B87-50A4	SET SCREW SQUARE BLK 1/4 BSW x 1/2"	-	2	13		1B11-51C9	BOLT ZP 5/16" UNC x 1 1/4"	-	4	12		1B11-51B8	BOLT ZP 5/16" UNC x 1"	-	2	11		1B11-51A6	BOLT ZP 5/16" UNC x 3/4"	-	2	10		1B11-51A4	BOLT ZP 1/4" UNC x 1/2"	-	4	9		1B11-51A4	BOLT ZP 1/4" UNC x 1/2"	-	8	8		1610-107	BEARING 6205 DDJ - 25mm BORE	-	4	7		1610-105	BEARING L15/8-2RSJ	-	2	6		1410-040	BEARING EW204-12S	-	2	5		1410-039	BEARING HOUSING P240J	-	2	4		1053-202	CIRCLIP, EXTERNAL 25 DIA TYPE 1400-25	-	2	3		1051-034	ROLL PIN, ZP 3/16" x 2"	-	2	2		1051-032	ROLL PIN, ZP 3/16" x 1 1/4"	-	2	1		0103-414	ROUND CS103D BRT ZP 22 (7/8") OUT TO 600 LING	-	1				TITLE / DESCRIPTION, REFERENCE			No.		PART No.								MATERIAL / GRADE	QTY
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4

Price List for Nu-Module Seeder **2301-005**

Individual Components:

No.	Part No.	Description	Qty.
1	0103-414	ROUND CS1030 BRT 22.22 (7/8") CUT TO 270 LONG	1
2	1051-032	ROLL PIN, Z.P. 3/16" X 1 1/4"	2
3	1051-034	ROLL PIN, Z.P. 3/16" X 2"	1
4	1053-202	CIRCLIP,EXTERNAL 25 DIA TYPE1400-25	1
5	1410-039	BEARING HOUSING P204J	2
6	1410-040	BEARING EW204-12S WIDE INNER RACE, GREASABLE	2
7	1610-105	BEARING LJ5/8-2RSJ (WAS RLS 5 2RS AND RLS5DDU)	1
8	1610-107	BEARING 6205 DDU- 25 MM BORE	2
9	1B11-51A4	BOLT ZP 1/4" UNC X 1/2"	4
10	1B11-51A4	BOLT ZP 1/4" UNC X 1/2"	2
11	1B11-51B8	BOLT ZP 5/16 UNC X 1"	2
12	1B11-51C9	BOLT ZP 3/8 UNC X 1 1/4"	4
13	1B87-50A4	SET SCREW SQUARE BLACK 1/4 BSW X 1/2"	2
14	1B87-50B6	SET SCREW SQUARE BLACK 5/16 BSW X 3/4"	1
15	1B87-51A6	SET SCREW SQUARE ZP 1/4 BSW X 3/4"	2
16	1B91-51A6	BOLT PANHEAD ZP 1/4 UNC X 3/4 "	4
17	1B91-5188	SLOT SCREW ROUND ZP 3/16" UNC x 1"	1
18	1B9Z-51A8	PAN HEAD SELF TAP ZP 12G x 1	1
19	1BD1-50B1	GRUB SCREW BLACK 5/16 UNC X 5/16"	1

⁴ Janke (Australia) reserves the right to alter the pricing of any of its products without notice.



No.	Part No.	Description	Qty.
20	1N12-81G	NUT ZP 5/8"UNF	1
21	1N31-518	NUT NYLOC ZP 3/16"UNC	1
22	1N31-51A	NUT NYLOC ZP 1/4"UNC	4
23	1N31-51A	NUT NYLOC ZP 1/4"UNC	4
24	1N31-51A	NUT NYLOC ZP 1/4"UNC	2
25	1N31-51B	NUT NYLOC ZP 5/16"UNC	2
26	1N31-51C	NUT NYLOC ZP 3/8"UNC	4
27	1NB7-51A	NUT WING ZP 1/4"BSW	2
28	1W10-11C	WASHER FLAT ZP 3/8"	8
29	1W20-11G	WASHER FLAT ZP, 5/8" X 1 1/4", 2 MM TH	1
30	2301-203	SPINDLE DRIVE GEAR (LUGGED)	1
31	2301-204	DRIVE SHAFT GEAR	1
32	2301-205	DRIVE SHAFT BRG HSG	1
33	2301-208	PLANTER PL RETAINING COLLAR 1/2" ID	1
34	2301-209	PLANTER PL RETAINING CAP 1/2" HOLE	1
35	2301-210	SPINDLE WASHER	1
36	2301-211	PLANTER BOX BASE SINGLE	1
37	2301-212	SPINDLE ZP, SEED BOX	1
38	2301-214	DRIVE SPINDLE	1
39	2301-215	PLANTER BOX BAFFLE	1
40	2301-216	CLEANING DOOR	1
41	2301-217	FRAME SINGLE PLANTER BOX	1
42	2301-218	BOX OUTLET STRAIGHT	1
43	2301-223	SHAFT, PLANTER BOX DRIVE 3/4" SS X 12"	1
44	2301-229	HANDLE ASSY, PLANTER BOX TILT	1
45	2301-230	TILT LINKAGE SEEDER BOX	1
46	2301-232	SPINDLE SHIM ZP 1 1/8" X 5/8" X 0.006"	3
47	2301-235	PLANTER BOX LID RETAINER - BLACK PLASTIC	1
48	2301-237	ADJUSTER HANDLE LOCK - SEED BOXES	1
49	2301-238	ADJUSTER HANDLE WASHER	1
50	2301-240	SEED BOX ASSEMBLY SINGLE	1
51	2302-101	BRUSH, SEED PLATE (OPTIONAL)	1
52	CPM-26-25	CAP PLASTIC 1" SQ RHS, FP SERIES	4

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