SPANCO®
Promise to Perform Industries, Inc.

Installation, Instruction, & Parts Manual for SPANCO® Models 100, 101, 102 Jib Cranes

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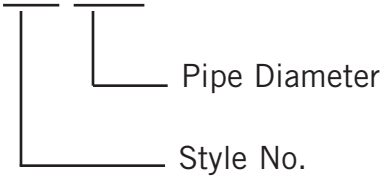
HOW TO ORDER

When ordering repair parts from this manual, be sure to state the model and serial number of the unit. This information can be found on the small identification tag attached to the jib crane. To determine the hardware kit and the trunnion roller assembly that applies to your crane, you must know the pipe mast diameter. The pipe mast diameter is the first two numbers in the model number following the style number.

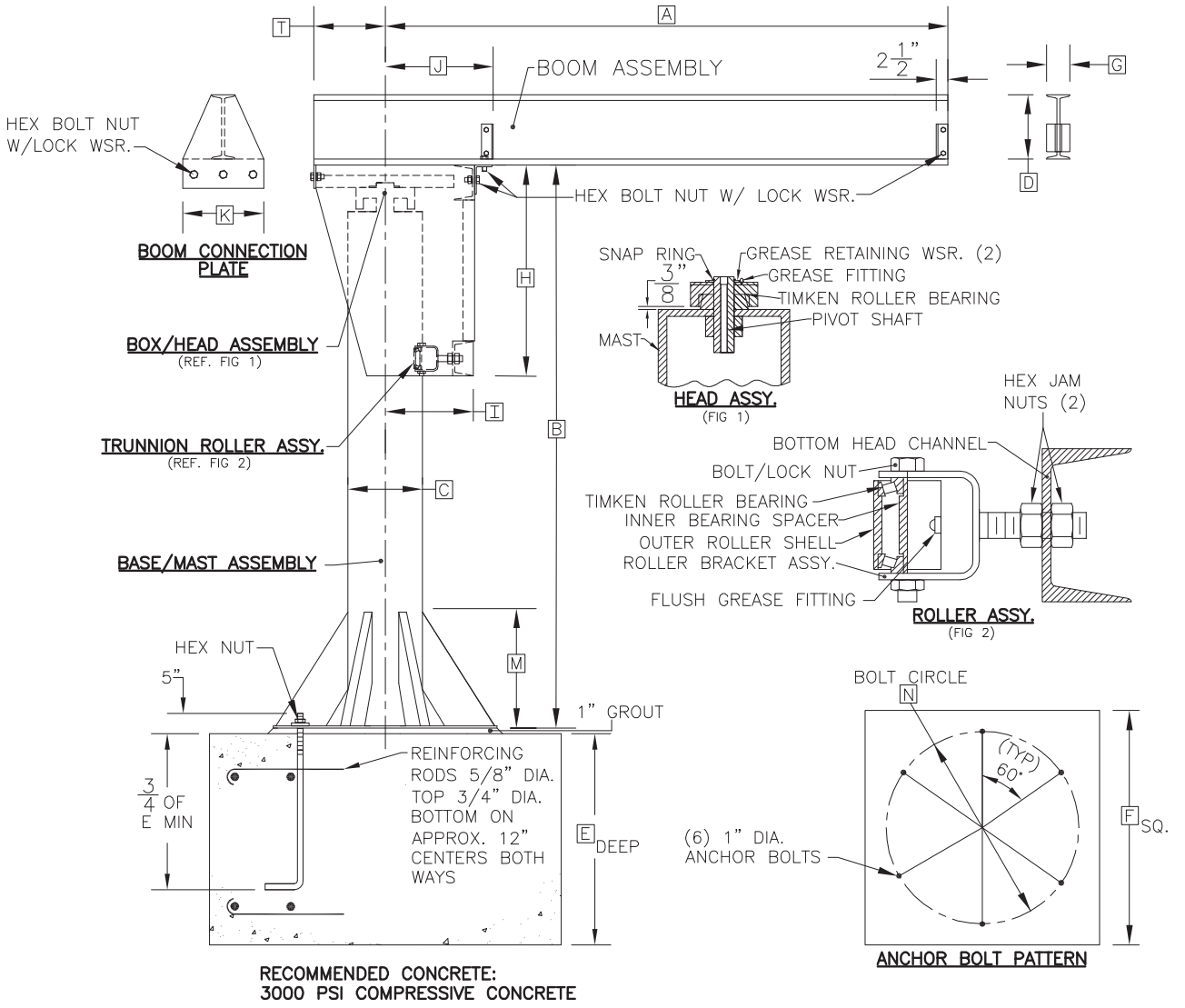
Example: Model 100-0806-1208



		HARDWARE	TRUNNION ROLLER ASSEMBLES
8”	DIAMETER PIPE MAST	PK-A Jib	06-0127
12”	DIAMETER PIPE MAST	PK-A 12 Jib	06-0128
14”	DIAMETER PIPE MAST	PK-B Jib	06-0129
16”	DIAMETER PIPE MAST	PK-C Jib	06-0130
18”	DIAMETER PIPE MAST	PK-D Jib	06-0131
20”	DIAMETER PIPE MAST	PK-E,F,G Jib	06-0132
24”	DIAMETER PIPE MAST	PK-E,F,G Jib	06-0133
30”	DIAMETER PIPE MAST	PK-E,F,G Jib	06-0161
36”	DIAMETER PIPE MAST	PK-H Jib	06-0398

SELECT OTHER SHEETS THAT APPLY TO YOUR EQUIPMENT

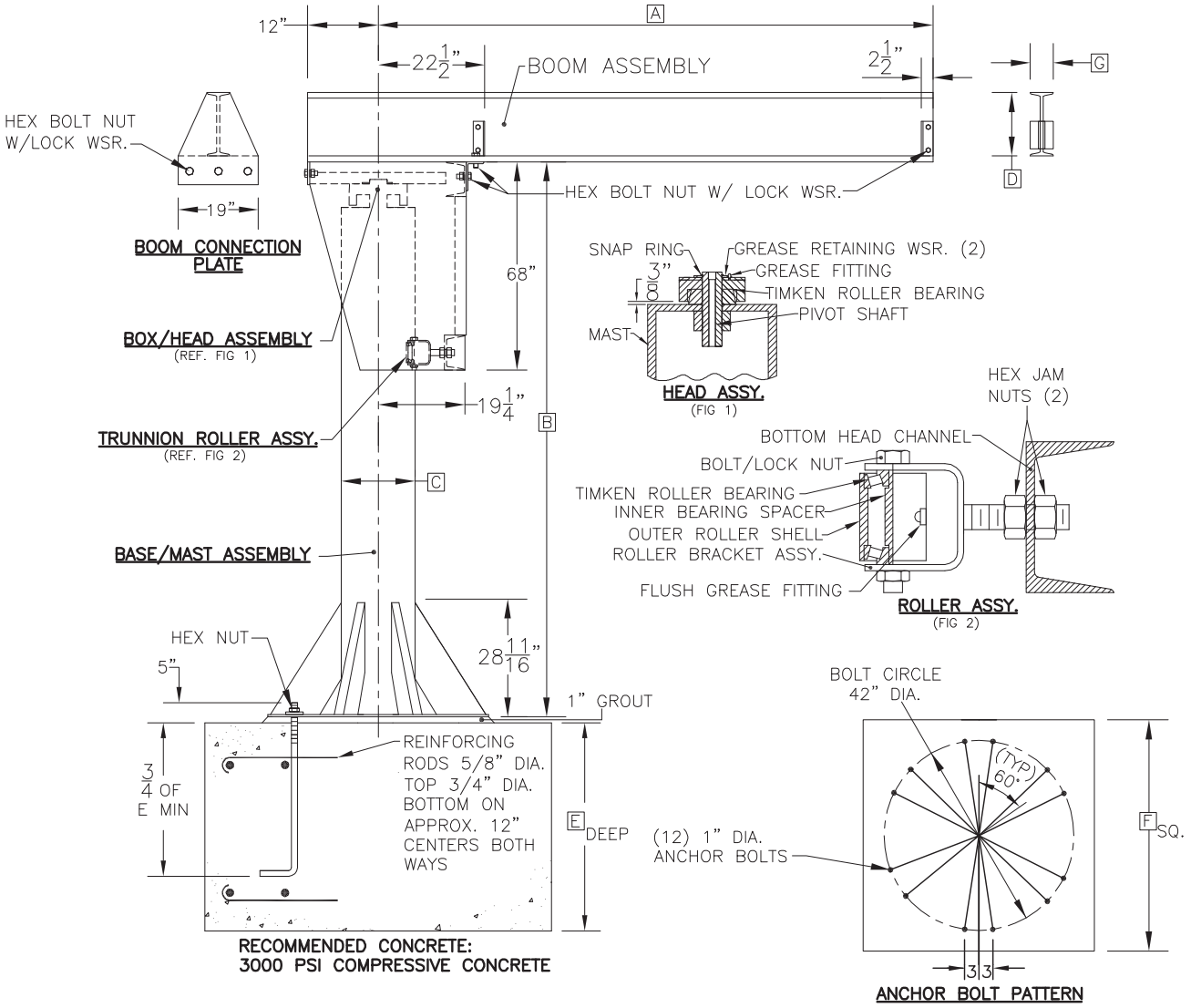
FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 100-[ ]-[ ]



RECOMMENDED CONCRETE:
3000 PSI COMPRESSIVE CONCRETE

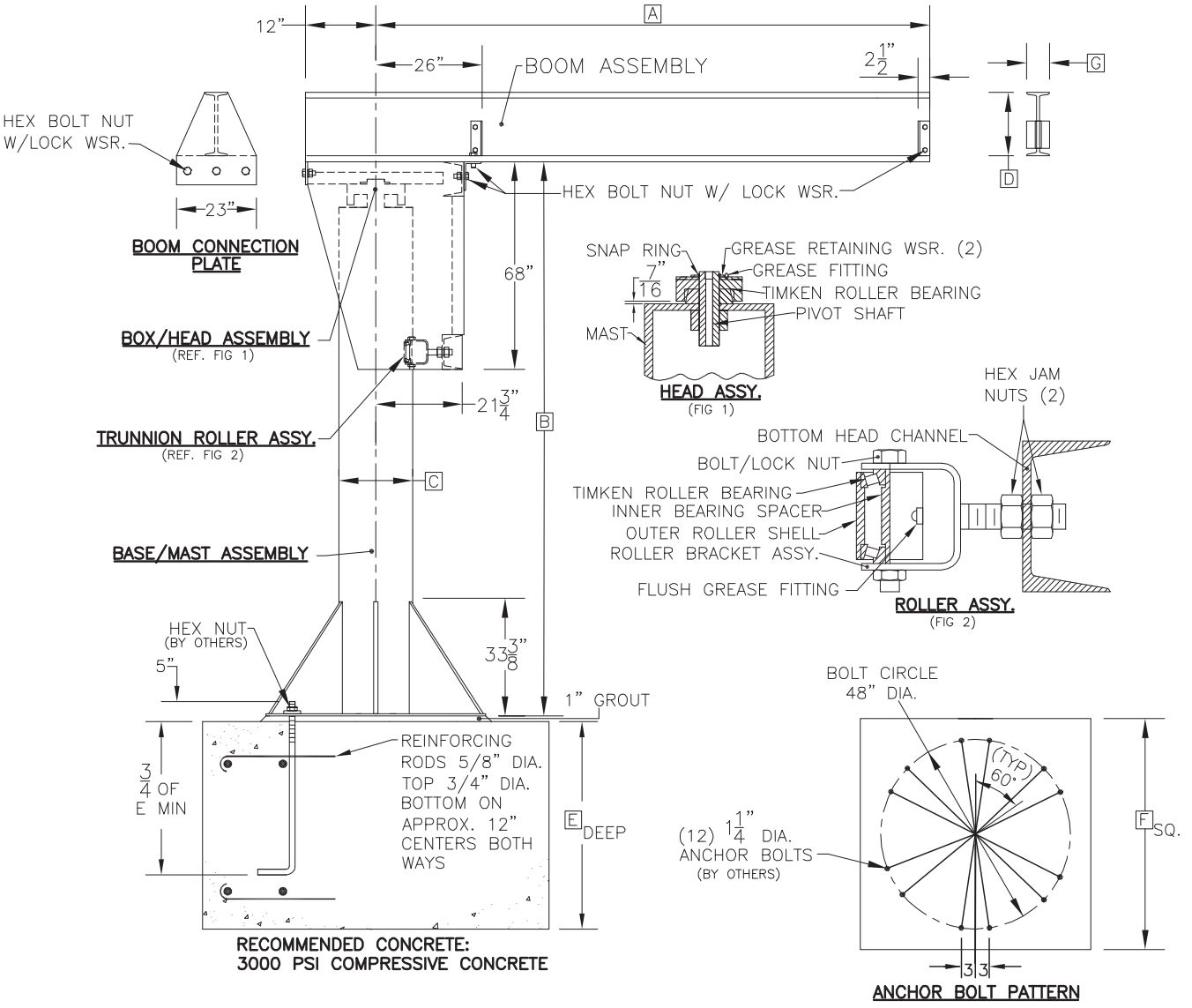
Model-100-	C	D	G	H	I	J	K	M	N	T
0806	8 5/8"	6"	3 3/8"	36"	13 1/4"	16 7/16"	10 1/2"	18 3/8"	24"	10"
0808	8 5/8"	8"	4"	36"	13 1/4"	16 7/16"	10 1/2"	18 3/8"	24"	10"
1206	12 3/4"	6"	3 3/8"	36"	15 1/4"	18 7/16"	14 7/8"	20"	30"	12"
1208	12 3/4"	8"	4"	36"	15 1/4"	18 7/16"	14 7/8"	20"	30"	12"
1210	12 3/4"	10"	4 5/8"	36"	15 1/4"	18 7/16"	14 7/8"	20"	30"	12"
1212	12 3/4"	12"	5"	36"	15 1/4"	18 7/16"	14 7/8"	20"	30"	12"
1215	12 3/4"	15"	5 1/2"	36"	15 1/4"	18 7/16"	14 7/8"	20"	30"	12"
1408	14"	8"	4"	50"	16 3/4"	20"	16 7/8"	24"	36"	12"
1410	14"	10"	4 5/8"	50"	16 3/4"	20"	16 7/8"	24"	36"	12"
1412	14"	12"	5"	50"	16 3/4"	20"	16 7/8"	24"	36"	12"
1415	14"	15"	5 1/2"	50"	16 3/4"	20"	16 7/8"	24"	36"	12"
1418	14"	18"	6"	50"	16 3/4"	20"	16 7/8"	24"	36"	12"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 100-[ ]-[ ]



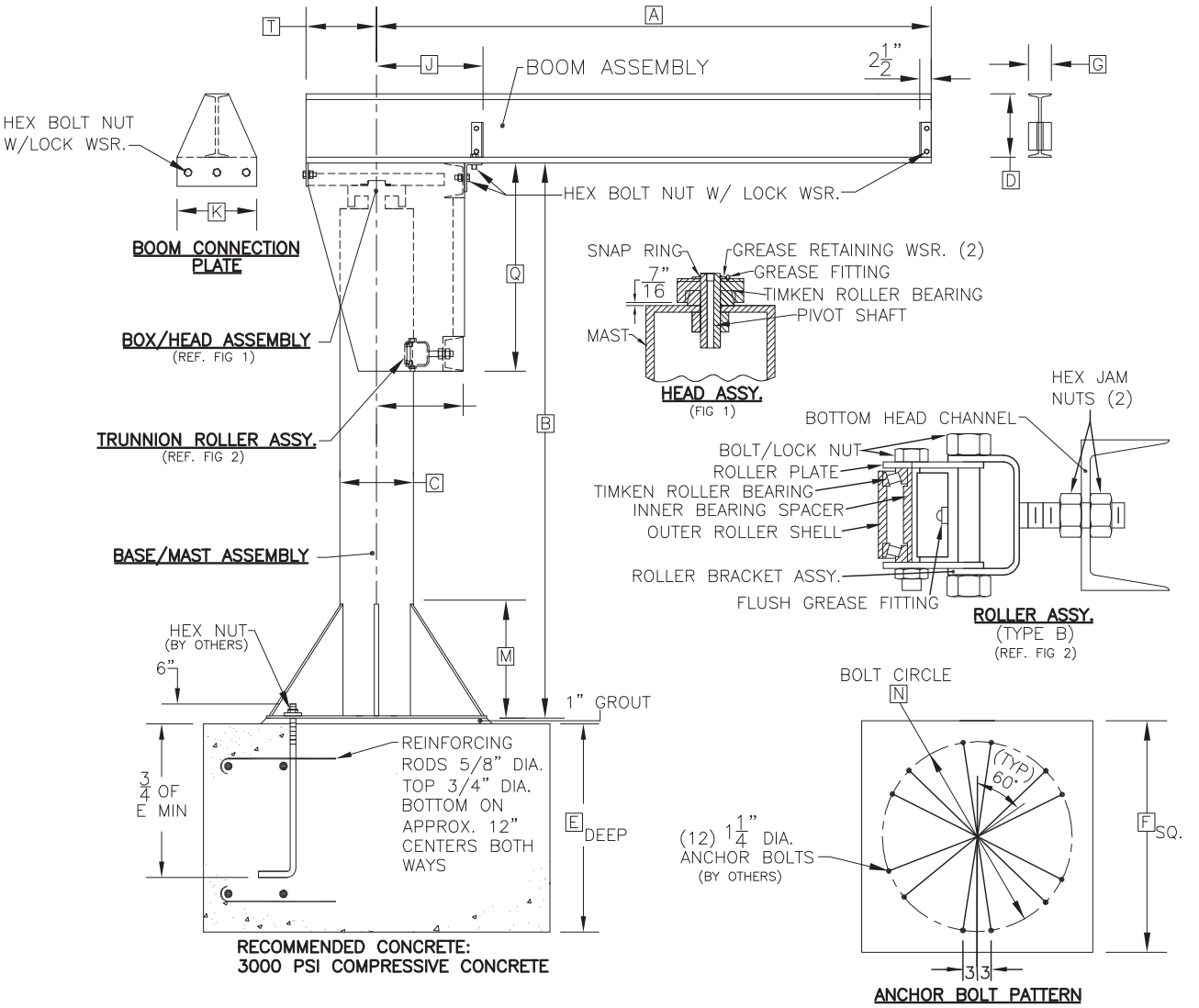
Model-100-	C	D	G
1610	16"	10"	4 5/8"
1612	16"	12"	5"
16x12	16"	12"	5"
1615	16"	15"	5 1/2"
16x15	16"	15"	5 1/2"
1618	16"	18"	6"
16x18	16"	18"	6"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 100-[ ]-[ ]



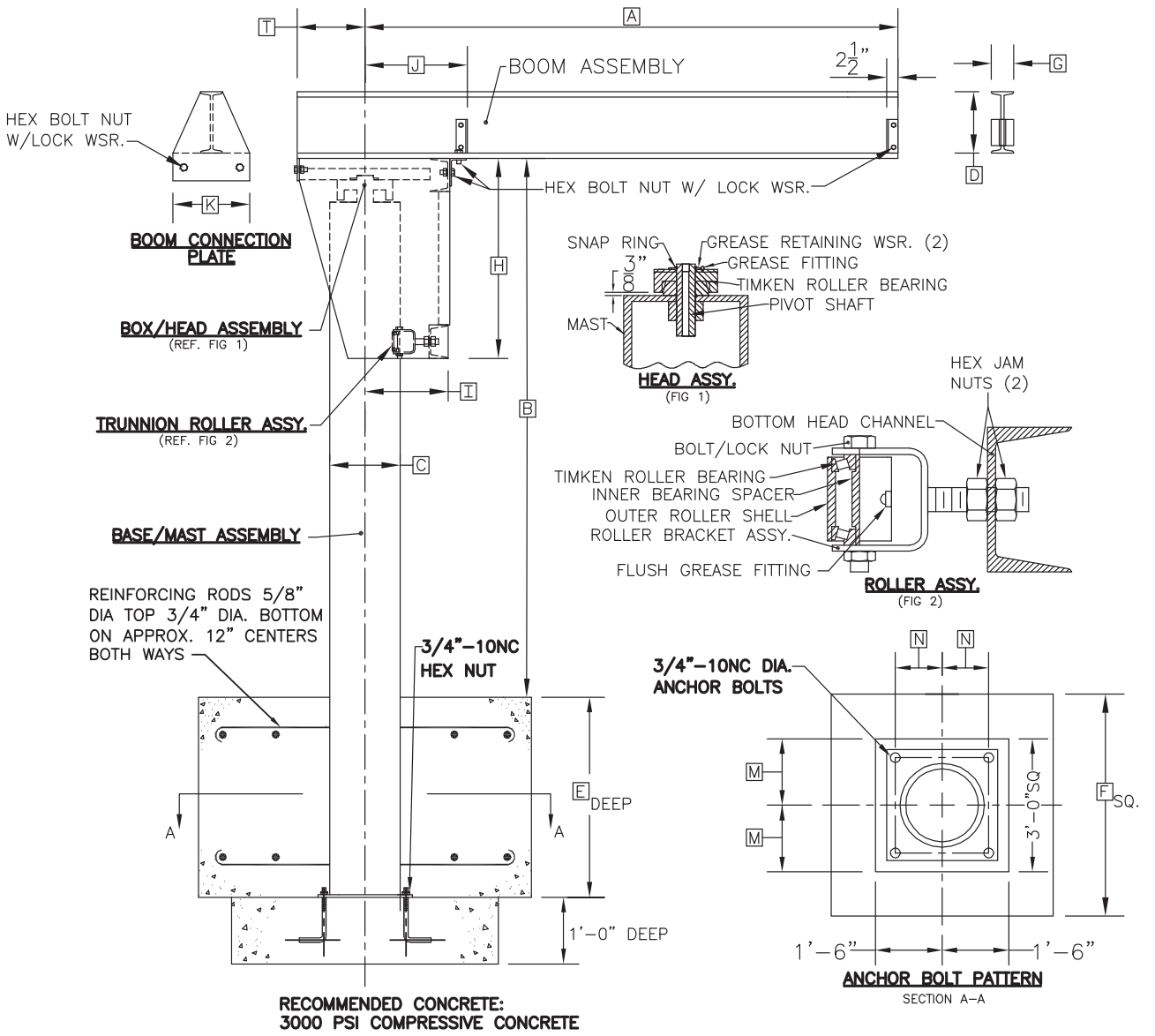
Model-100-	C	D	G
1815	18"	15"	5 1/2"
1818	18"	18"	6"
1824	18"	24"	7"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 100-[ ]-[ ]



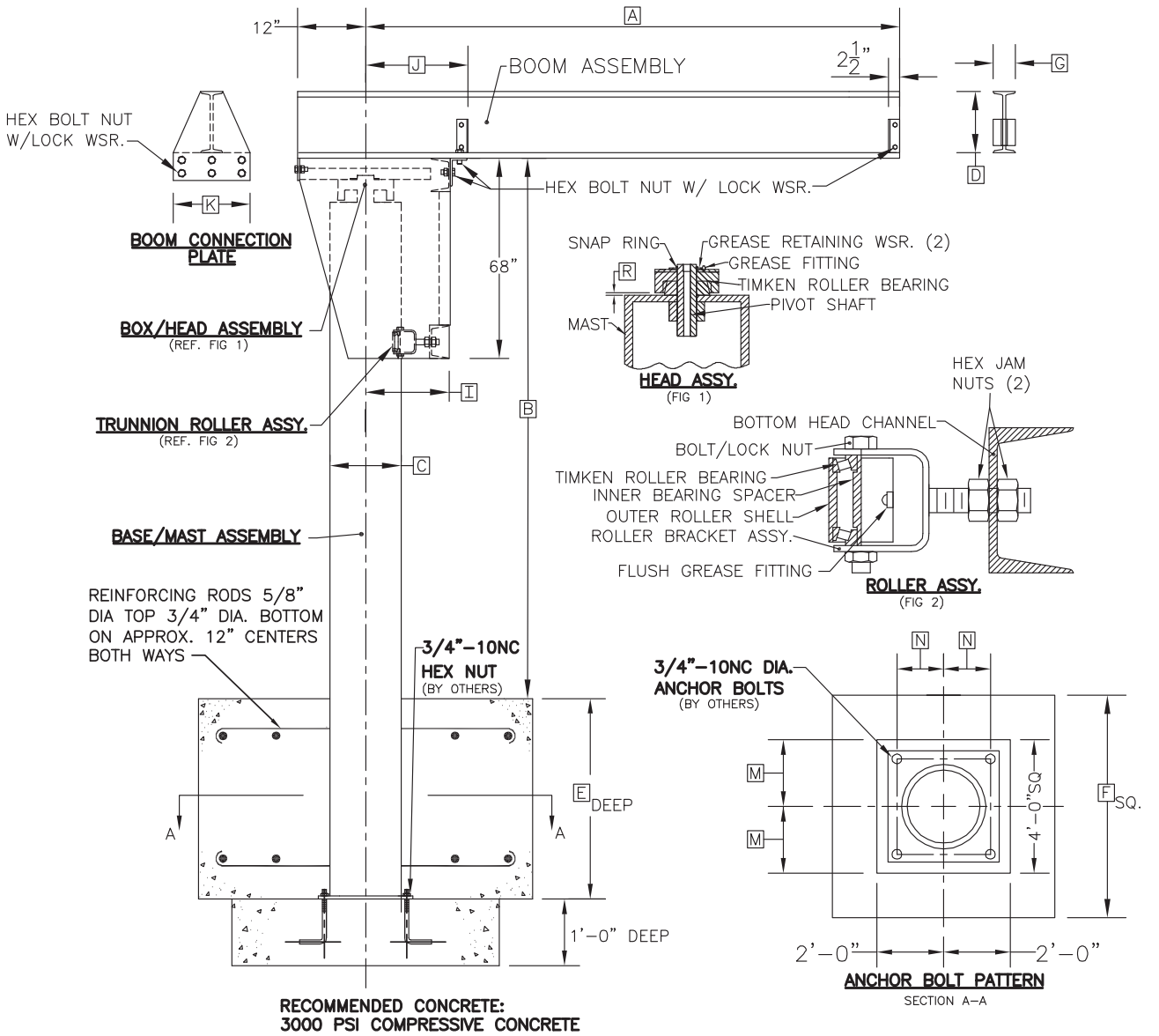
Model-100-	C	D	G	I	J	K	M	N	Q	T
2015	20"	15"	5 1/2"	22 11/6"	27"	25 1/2"	36 7/8"	54"	68"	18"
2018	20"	18"	6"	22 11/6"	27"	25 1/2"	36 7/8"	54"	68"	18"
2024	20"	24"	7"	22 11/6"	27"	25 1/2"	36 7/8"	54"	68"	18"
2424	24"	24"	7"	29 5/8"	33"	29 1/2"	38 7/16"	60"	79"	18"
2425	24"	24 1/2"	8"	30 5/8"	33"	29 1/2"	38 7/16"	60"	79"	18"
3024	30"	24"	6"	31 5/8"	35"	35 1/2"	31 1/8"	66"	84"	20"
3025	30"	24 1/2"	8"	32 5/8"	35"	35 1/2"	31 1/8"	66"	84"	20"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 101-[ ]-[ ]



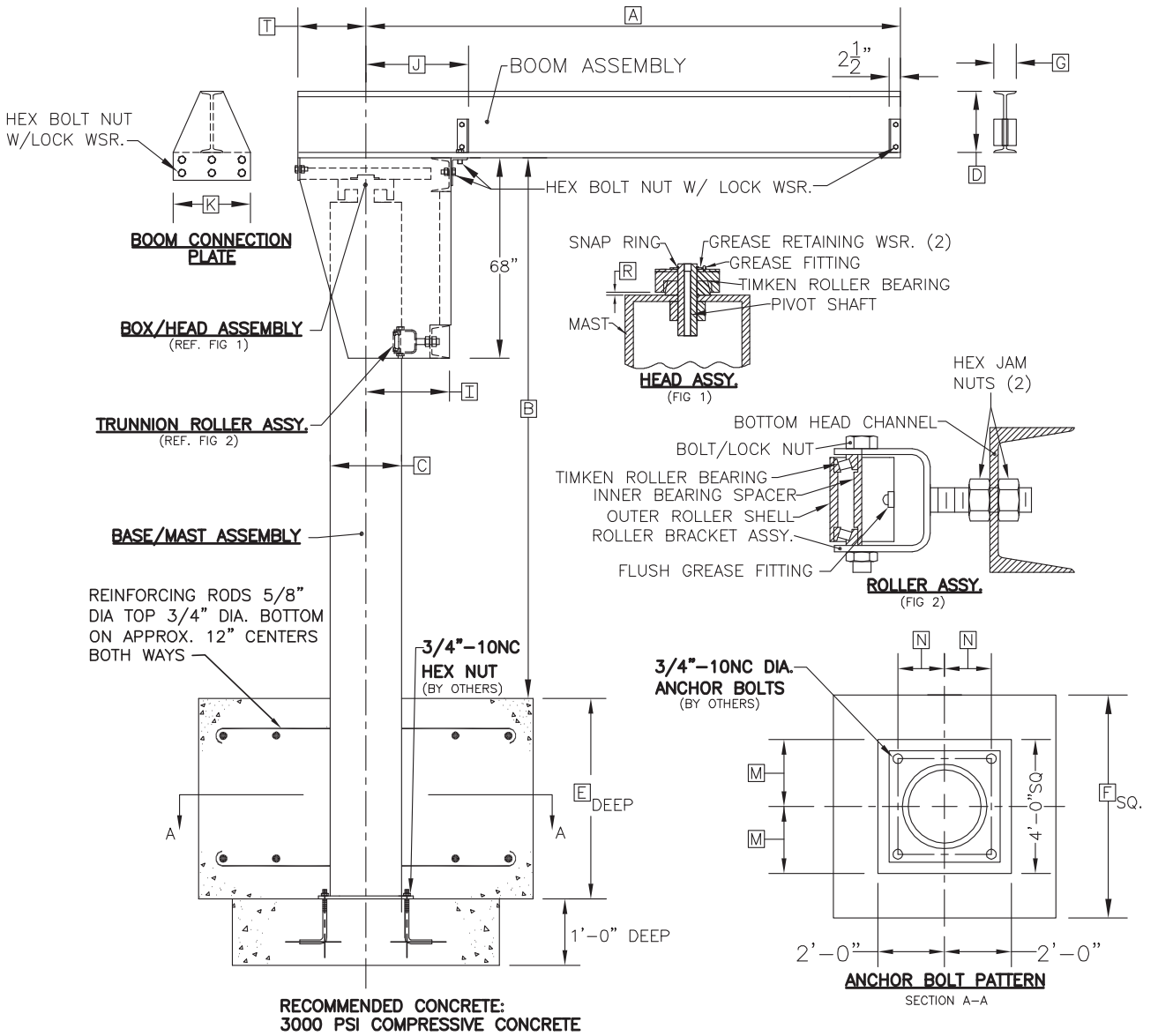
Model-101-	C	D	G	H	I	J	K	M	N	T
0806	8 5/8"	6"	3 3/8"	36"	13 1/4"	16 7/16"	10 1/2"	5 1/2"	4"	10"
0808	8 5/8"	8"	4"	36"	13 1/4"	16 7/16"	10 1/2"	5 1/2"	4"	10"
1206	12 3/4"	6"	3 3/8"	36"	15 1/4"	18 7/16"	14 7/8"	7 1/2"	6"	12"
1208	12 3/4"	8"	4"	36"	15 1/4"	18 7/16"	14 7/8"	7 1/2"	6"	12"
1210	12 3/4"	10"	4 5/8"	36"	15 1/4"	18 7/16"	14 7/8"	7 1/2"	6"	12"
1212	12 3/4"	12"	5"	36"	15 1/4"	18 7/16"	14 7/8"	7 1/2"	6"	12"
1215	12 3/4"	15"	5 1/2"	36"	15 1/4"	18 7/16"	14 7/8"	7 1/2"	6"	12"
1408	14"	8"	4"	50"	16 3/4"	20"	16 7/8"	8 1/2"	7"	12"
1410	14"	10"	4 5/8"	50"	16 3/4"	20"	16 7/8"	8 1/2"	7"	12"
1412	14"	12"	5"	50"	16 3/4"	20"	16 7/8"	8 1/2"	7"	12"
1515	14"	15"	5 1/2"	50"	16 3/4"	20"	16 7/8"	8 1/2"	7"	12"
1418	14"	18"	6"	50"	16 3/4"	20"	16 7/8"	8 1/2"	7"	12"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 101-[ ]-[ ]



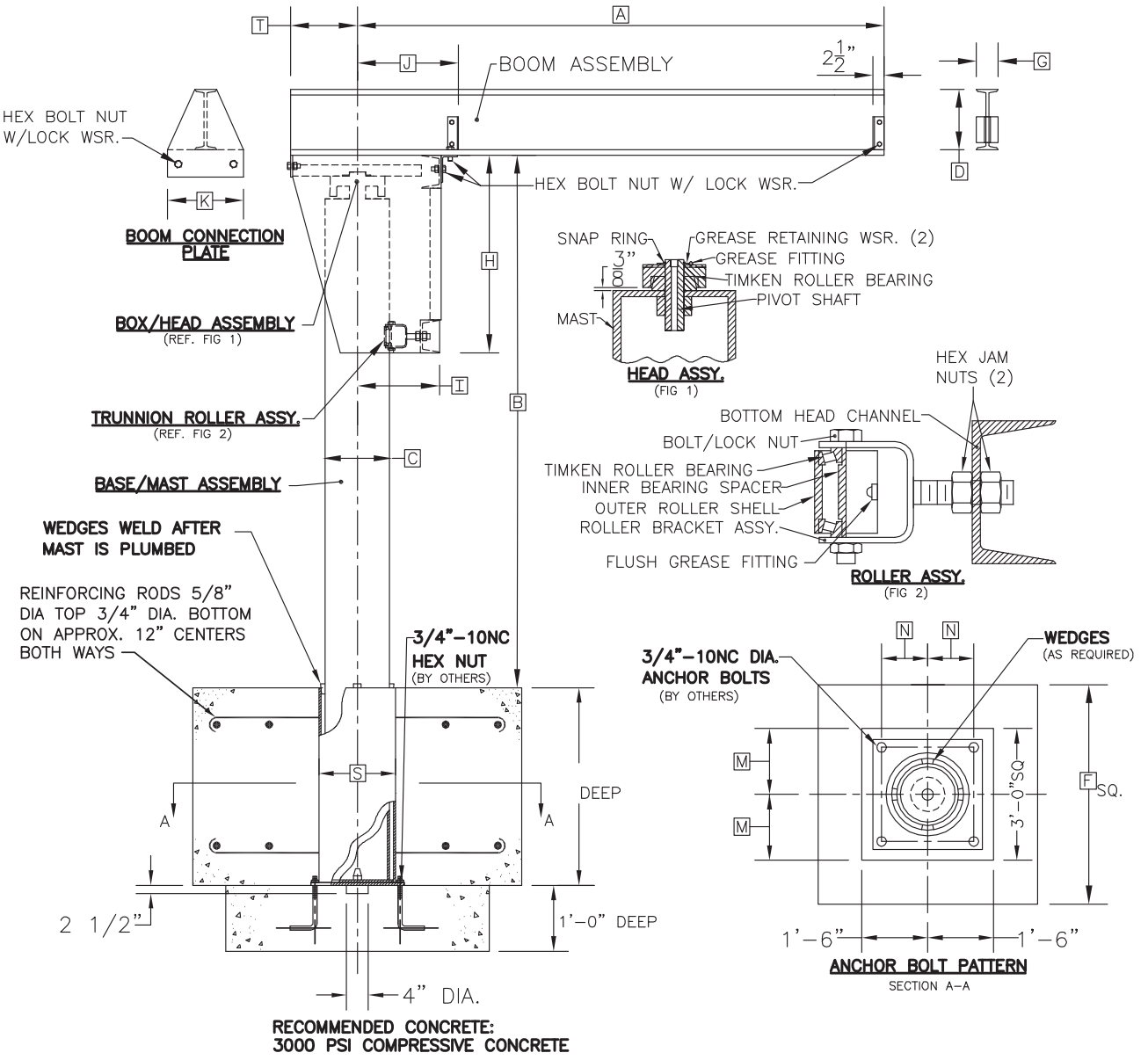
Model-101-	C	D	G	I	J	K	M	N	R
1610	16"	10"	4 5/8"	19 1/4"	22 1/2"	19"	9 1/2"	8"	3/8"
1612	16"	12"	5"	19 1/4"	22 1/2"	19"	9 1/2"	8"	3/8"
16x12	16"	12"	5"	19 1/4"	22 1/2"	19"	9 1/2"	8"	3/8"
1615	16"	15"	5 1/2"	19 1/4"	22 1/2"	19"	9 1/2"	8"	3/8"
16x15	16"	15"	5 1/2"	19 1/4"	22 1/2"	19"	9 1/2"	8"	3/8"
1618	16"	18"	6"	19 1/4"	22 1/2"	19"	9 1/2"	8"	3/8"
16x18	16"	18"	6"	19 1/4"	22 1/2"	19"	9 1/2"	8"	3/8"
1815	18"	15"	5 1/2"	21 3/4"	26"	23"	10 1/2"	9"	7/16"
1818	18"	18"	6"	21 3/4"	26"	23"	10 1/2"	9"	7/16"
1824	18"	24"	7"	21 3/4"	26"	23"	10 1/2"	9"	7/16"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 101-[ ]-[ ]



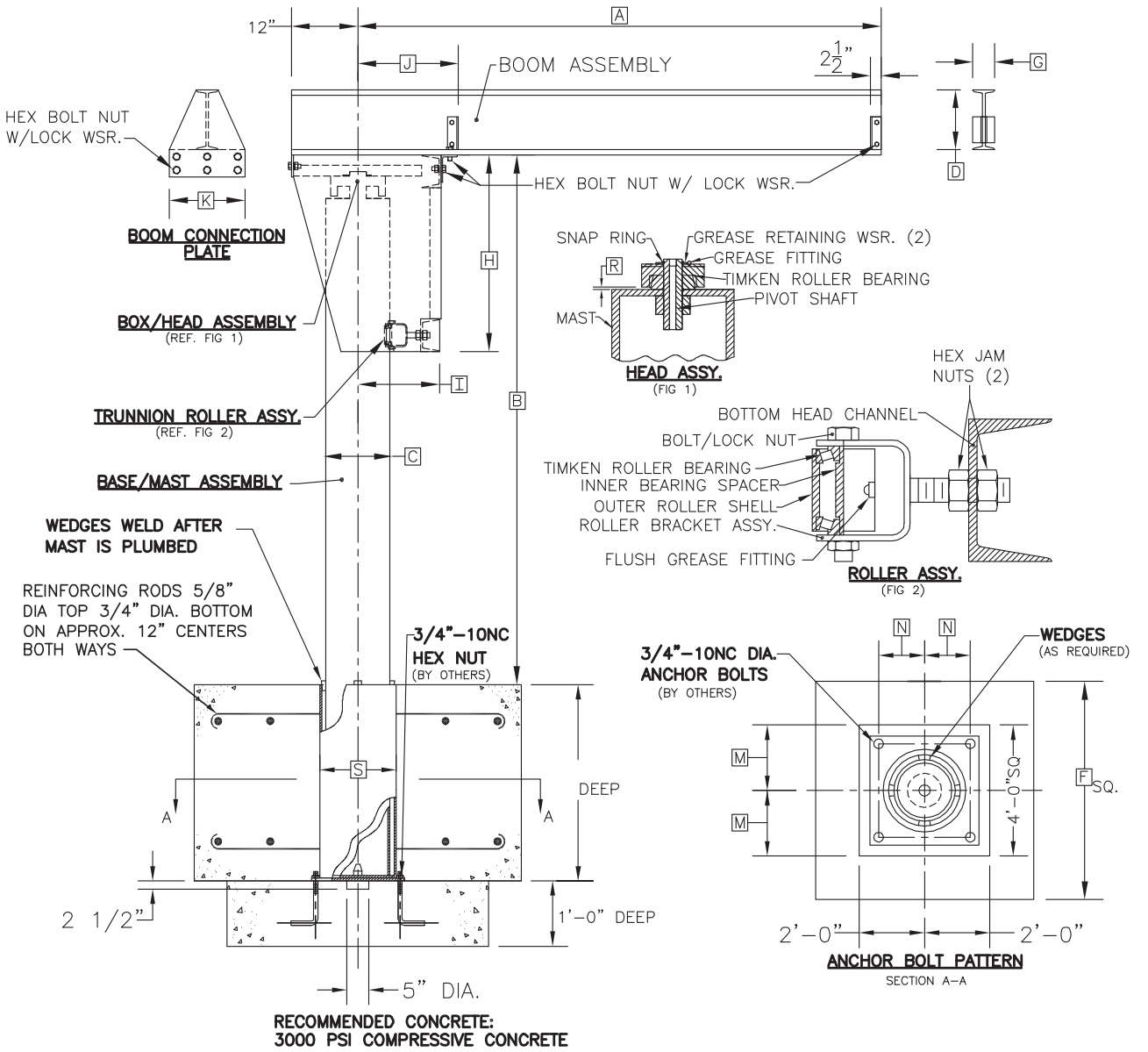
Model-101-	C	D	G	I	J	K	M	N	Q	T
2015	20"	15"	5 1/2"	22 11/16"	27"	25 1/2"	11 1/2"	10"	68"	18"
2018	20"	18"	6"	22 11/16"	27"	25 1/2"	11 1/2"	10"	68"	18"
2024	20"	24"	7"	22 11/16"	27"	25 1/2"	11 1/2"	10"	68"	18"
2424	24"	24"	7"	28 5/8"	33"	29 1/2"	13 1/2"	12"	79"	18"
2425	24"	24 1/2"	8"	28 5/8"	33"	29 1/2"	13 1/2"	12"	84"	18"
3024	30"	24"	7"	28 5/8"	35"	35 1/2"	14 1/2"	15"	84"	20"
3025	30"	24 1/2"	8"	28 5/8"	35"	35 1/2"	14 1/2"	15"	84"	20"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 102-[ ]-[ ]



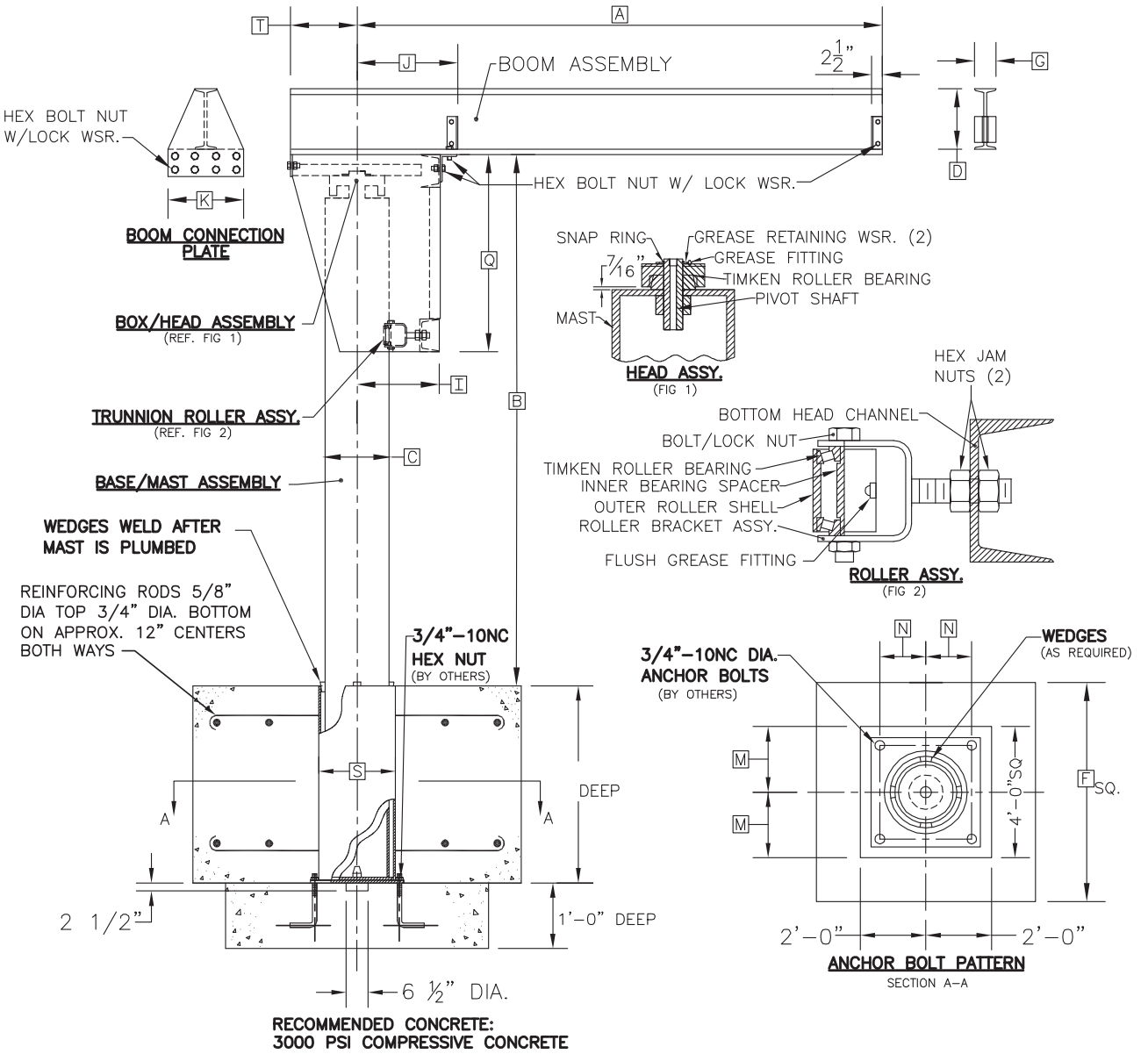
Model-102-	C	D	G	H	I	J	K	M	N	S	T
0806	8 5/8"	6"	3 3/8"	36"	13 1/4"	16 7/16"	10 1/2"	6 1/2"	5" 1/2	12 3/4"	10"
0808	8 5/8"	8"	4"	36"	13 1/4"	16 7/16"	10 1/2"	6 1/2"	5" 1/2	12 3/4"	10"
1206	12 3/4"	6"	3 3/8"	36"	15 1/4"	18 7/16"	14 7/8"	6 1/2"	7"	14"	12"
1208	12 3/4"	8"	4"	36"	15 1/4"	18 7/16"	14 7/8"	8 1/2"	7"	14"	12"
1210	12 3/4"	10"	4 5/8"	36"	15 1/4"	18 7/16"	14 7/8"	8 1/2"	7"	14"	12"
1212	12 3/4"	12"	5"	36"	15 1/4"	18 7/16"	14 7/8"	8 1/2"	7"	14"	12"
1215	12 3/4"	15"	5 1/2"	36"	15 1/4"	18 7/16"	14 7/8"	8 1/2"	7"	14"	12"
1408	14"	8"	4"	50"	16 3/4"	20"	16 7/8"	9 1/2"	8"	16"	12"
1410	14"	10"	4 5/8"	50"	16 3/4"	20"	16 7/8"	9 1/2"	8"	16"	12"
1412	14"	12"	5"	50"	16 3/4"	20"	16 7/8"	9 1/2"	8"	16"	12"
1415	14"	15"	5 1/2"	50"	16 3/4"	20"	16 7/8"	9 1/2"	8"	16"	12"
1418	14"	18"	6"	50"	16 3/4"	20"	16 7/8"	9 1/2"	8"	16"	12"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 102-[ ]-[ ]



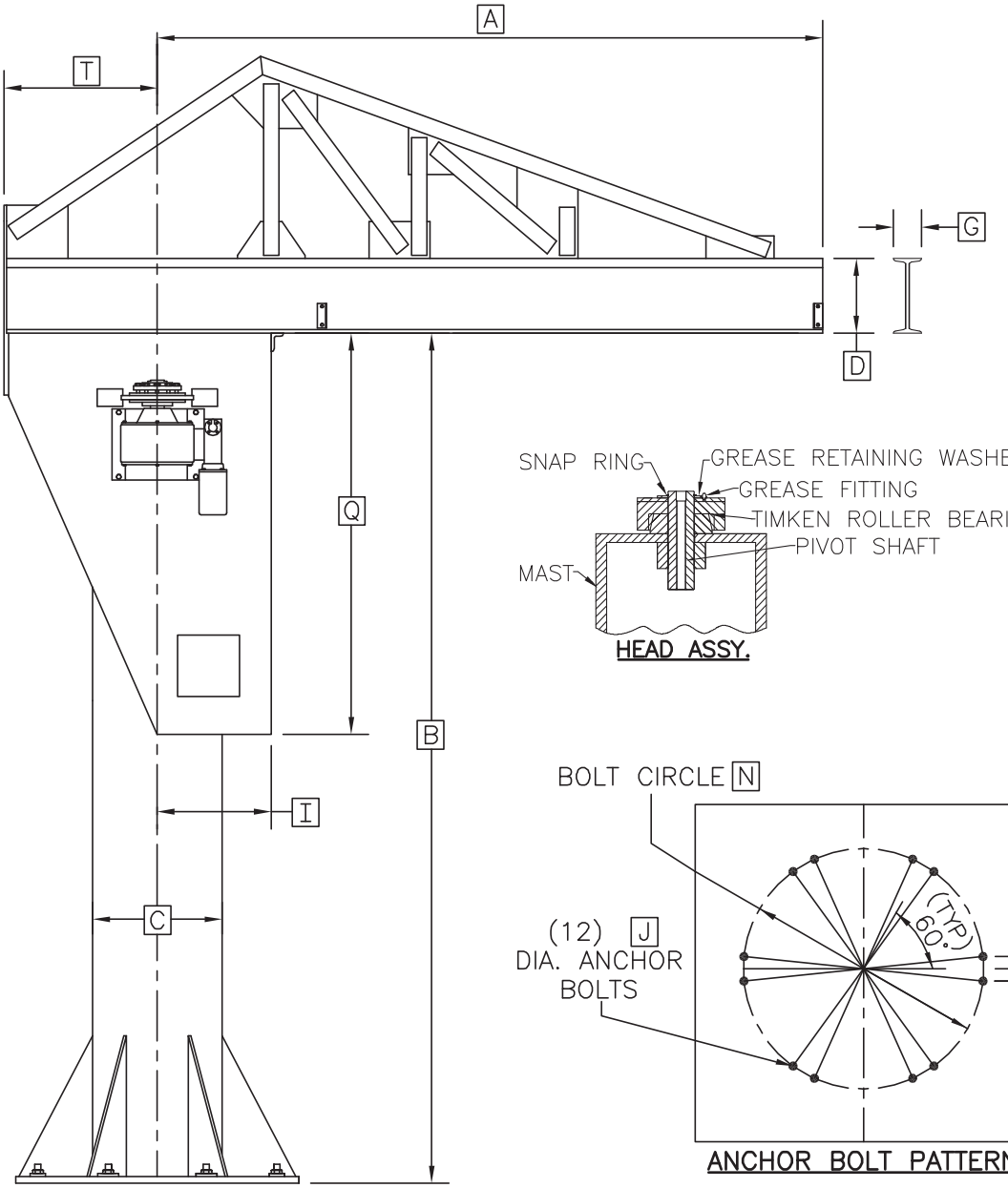
Model-102-	C	D	G	H	I	J	K	M	N	R	S
1610	16"	10"	4 5/8"	68"	19 1/4"	22 1/2"	19"	10 1/2"	9"	3/8"	18"
1612	16"	12"	5"	68"	19 1/4"	22 1/2"	19"	10 1/2"	9"	3/8"	18"
16x12	16"	12"	5"	68"	19 1/4"	22 1/2"	19"	10 1/2"	9"	3/8"	18"
1615	16"	15"	5 1/2"	68"	19 1/4"	22 1/2"	19"	10 1/2"	9"	3/8"	18"
16x15	16"	15"	5 1/2"	68"	19 1/4"	22 1/2"	19"	10 1/2"	9"	3/8"	18"
1618	16"	18"	6"	68"	19 1/4"	22 1/2"	19"	10 1/2"	9"	3/8"	18"
16x18	16"	18"	6"	68"	19 1/4"	22 1/2"	19"	10 1/2"	9"	3/8"	18"
1815	18"	15"	5 1/2"	68"	21 3/4"	26"	23"	11 1/2"	10"	7/16"	20"
1818	18"	18"	6"	68"	21 3/4"	26"	23"	11 1/2"	10"	7/16"	20"
1824	18"	24"	7"	68"	21 3/4"	26"	23"	11 1/2"	10"	7/16"	20"

FREESTANDING JIB CRANE 360° ROTATION
BASE PLATE MOUNTED MODEL 102-[ ]-[ ]



Model-102-	C	D	G	I	J	K	M	N	Q	S	T
2015	20"	15"	5 1/2"	22 11/16"	27"	25 1/2"	13 1/2"	12"	68"	24"	18"
2018	20"	18"	6"	22 11/16"	27"	25 1/2"	13 1/2"	12"	68"	24"	18"
2024	20"	24"	7"	22 11/16"	27"	25 1/2"	13 1/2"	12"	68"	24"	18"
2424	24"	24"	7"	28 5/8"	33"	29 1/2"	14 1/2"	13"	79"	26"	18"
2425	24"	24 1/2"	8"	28 5/8"	33"	29 1/2"	14 1/2"	13"	79"	26"	18"
3024	30"	24"	7"	28 5/8"	35"	35 1/2"	17 1/2"	16"	84"	32"	20"
3025	30"	24 1/2"	8"	28 5/8"	35"	35 1/2"	17 1/2"	16"	84"	32"	20"

FREESTANDING TRUSS BOOM JIB CRANE MOTORIZED



THESE UNITS ARE DESIGNED FOR EXTRA LONG BOOM SPANS AND CAPACITIES ABOVE 5 TONS, ACCORDING TO CUSTOMER SPECIFICATION. CALL FACTORY FOR PRICES AND DIMENSIONS.

Model-100-	C	D	G	I	J	N	Q	T
3624	36"	24"	7"	30 1/2"	1 3/4"	72"	112"	24"
4224	42"	24"	7"	37"	2"	78"	130"	49"

INSTALLATION

MAINTENANCE BULLETIN 06-MB-003 FOR MODEL 100 (BASE PLATE MOUNTED)

1. Mast/Base Assembly

After installation of recommended concrete (3000# P.S.I.) footing reinforcement and anchor bolts, refer to specific model dimension sheet of your jib crane. Install one set of nuts on the anchor bolts with the top surface approximately one inch above the foundation. Then place mast/base unit over anchor bolts resting on leveling nuts. **THE BOLT PADS ARE TAC WELDED TO BASE PLATE FOR EASY REMOVAL IN CASE OF SLIGHT MISALIGNMENT OF ANCHOR BOLT. GRIND A TAC AREA TO REMOVE BOLT PAD OR PADS. THEN RESET THE MAST UNIT OVER THE ANCHOR BOLTS AND LEVELING NUTS. BE SURE TO REPLACE THE BOLT PAD OR PADS BACK INTO PLACE BEFORE THE 2ND SET OF NUTS. THESE BOLT PADS DO NOT REQUIRE WELDING ONCE THEY ARE REMOVED AND REPLACES.** Install second set of nuts loosely, insert plumb line arm in pivot shaft located on top of mast. Select position on arm to hang plumb line that is 2" from edge of mast. Measure down from top of mast 60 inches, use this point for checking plumb. Locate arm directly over one anchor bolt (or pairs when 12 bolts are used) measure from plumb line to edge of mast, should be 2", if not, adjust leveling nut directly below, up if greater than 2", down if less than 2". Rotate arm 180 degrees, check for 2" distance, if not, adjust leveling nuts until you have the same distance on each side of mast. Repeat this operation at each anchor bolt (60 degree increments). When mast is plumb float grouting compound under base plate and tighten locking nuts.

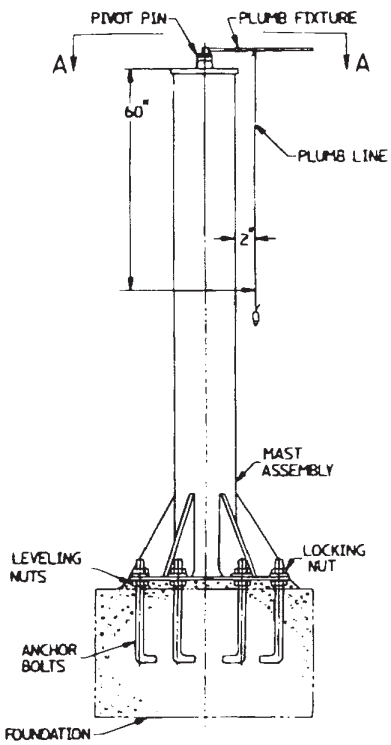
2. Box/Head Assembly

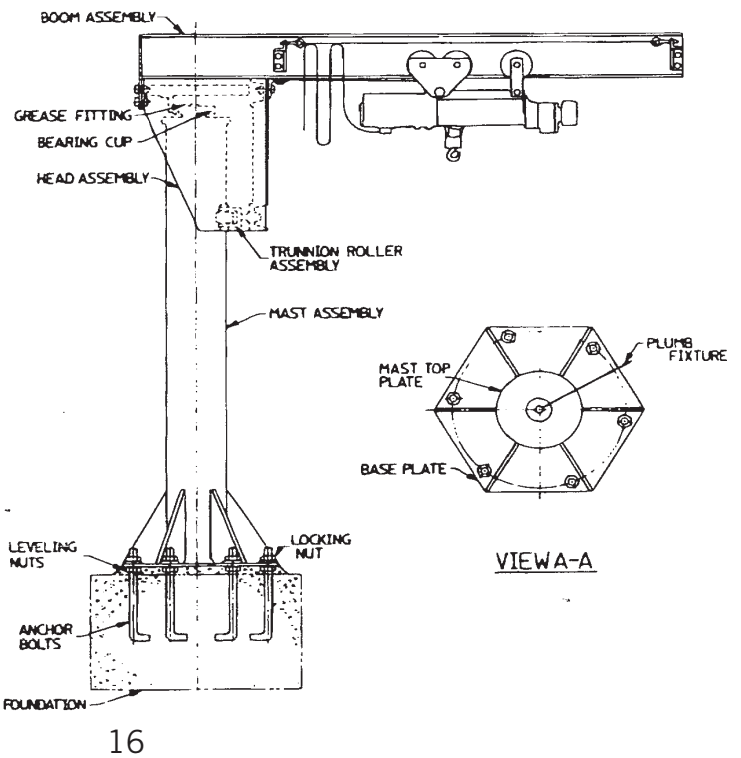
The box/head assembly is mounted on main bearing on pivot shaft, then box assembly is leveled by adjusting hex nuts (9), which adjust position of roller assembly to the mast, thereby leveling box assembly. When box is fairly level, place flat washer over pivot shaft protruding through head assembly of box, and secure with remaining snap ring (16). (See exploded view)

3. Boom Assembly

Mount boom assembly directly to box securing at back plate and beam support angle (20). Then adjust boom, such that the end of the beam is ___ inches above level, by evenly adjusting the roller adjustment nut (9) and lock into position with lock nuts (17). (See exploded view)
(use calcuation to determine inches required)

Method of calculation: Dim. A ÷ 300 = adjustment above level (span in inches)





INSTALLATION

MAINTENANCE BULLETIN 06-MB-001 FOR MODEL 101 (FOUNDATION MOUNTED)

1. Mast/Base Assembly

After installation of recommended first pour concrete (3000# P.S.I.) footing with anchor bolts, refer to specific model dimension sheet of your jib crane. Install one set of nuts on the anchor bolts with the top surface approximately one inch above the foundation. Then place mast/base unit over anchor bolts resting on leveling nuts. Install second set of nuts loosely, insert plumb line arm in main pivot located on top of mast. Select position on arm to hang plumb line that is 2" from edge of mast. Measure down from top of mast 60 inches, use this point for checking plumb. Locate arm directly over one anchor bolt, measure from plumb line to edge of mast, should be 2", if not, adjust leveling nut directly below, up if greater than 2", down if less than 2". Rotate arm 180 degrees, check for 2" distance, if not, adjust leveling nuts until you have the same distance on each side of mast. Repeat this operation at each anchor bolt (90 degree increments). When mast is plumb float grouting compound under base plate and tighten locking nuts. Install 3 braces from top of mast to ground at 120 degrees apart to prevent mast from shifting when concrete foundation is poured. After concrete has hardened proceed with jib assembly.

2. Box/Head Assembly

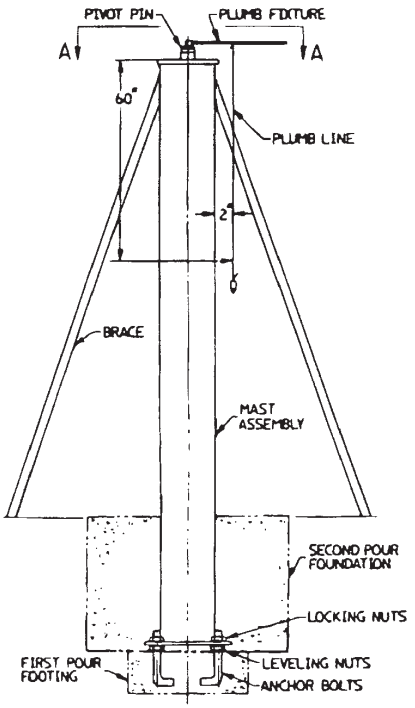
The box/head assembly is mounted on main bearing on pivot shaft, then box assembly is leveled by adjusting hex nuts (9), which adjust position of roller assembly to the mast, thereby leveling box assembly. When box is fairly level, place flat washer over pivot shaft protruding through head assembly of box, and secure with remaining snap ring (16). (See exploded view)

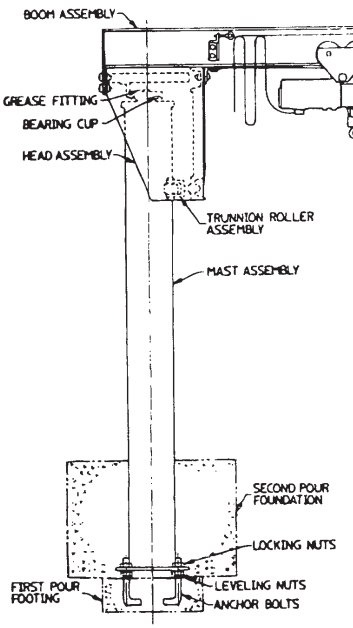
3. Boom Assembly

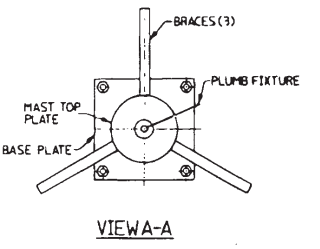
Mount boom assembly directly to box securing at back plate and beam support angle (20). Then adjust boom, such that the end of the beam is ___ inches above level, by evenly adjusting the roller adjustment nut (9) and lock into position with lock nuts (17). (See exploded view)

(use calcuation to determine inches required)

Method of calculation: Dim. A ÷ 300 = adjustment above level (span in inches)







INSTALLATION

MAINTENANCE BULLETIN 06-MB-002 FOR MODEL 102 (FOUNDATION MOUNTED WITH SLEEVE INSERT)

1. Mast/Base Assembly

After installation of recommended first pour concrete (3000# P.S.I.) footing with anchor bolts, refer to specific model dimension sheet of your jib crane. Install one set of nuts on the anchor bolts with the top surface approximately one inch above the foundation. Then place insert sleeve base over anchor bolt resting on leveling nuts. Install second set of nuts loosely, plumb sleeve and tighten locking nuts and secure top of sleeve to ground with three braces at 120 degrees to prevent sleeve from shifting, when second foundation is poured. After concrete has hardened, insert crane mast into sleeve and over the sleeve aligning pin, making sure that the aligning pin is fully engaged with the hole in the bottom mast plate. Insert plumb line arm in main pivot located on top of mast. Select position on arm to hang plumb line that is 2" from edge to mast. Measure down from top of mast 60 inches, use this point for checking the plumb. Insert 4 steel wedges between sleeve and mast at 90 degree increments. Locate arm directly over one wedge, measure from plumb line to edge of mast, should be 2" if not, adjust wedges, rotate arm 180 degrees check for 2" distance, if not, adjust wedges for the same measurement each side of mast. Repeat this operation at each wedge (90 degree increments). When mast is plumb, weld wedges in place and proced with jib assembly.

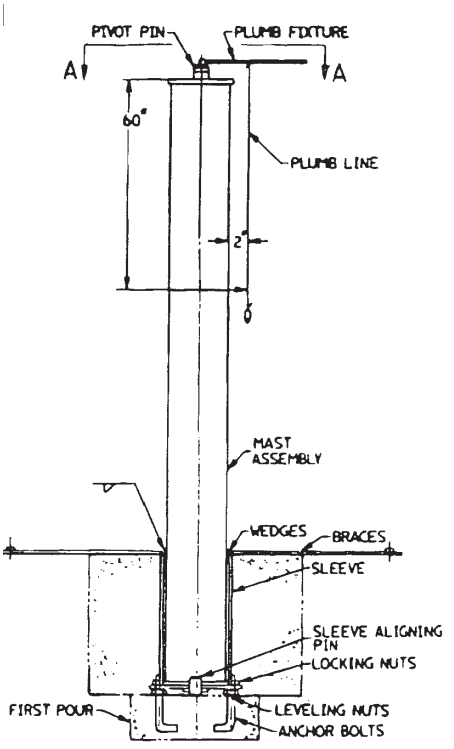
2. Box/Head Assembly

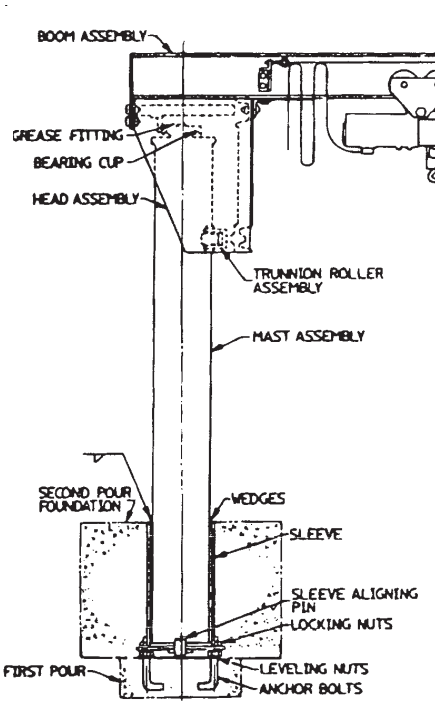
The box/head assembly is mounted on main bearing on pivot shaft, then box assembly is leveled by adjusting hex nuts (9), which adjust position of roller assembly to the mast, thereby leveling box assembly. When box is fairly level, place flat washer over pivot shaft protruding through head assembly of box, and secure with remaining snap ring (16). (See exploded view)

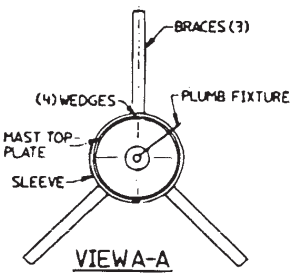
3. Boom Assembly

Mount boom assembly directly to box securing at back plate and boom support angle (20). Then adjust boom, such that the end of the beam is ___ inches above level, by evenly adjusting the roller adjustment nut (9) and lock into position with lock nuts (17). (See exploded view)
(use calcuation to determine inches required)

Method of calculation: Dim. A ÷ 300 = adjustment above level (span in inches)







MAINTENANCE

MAINTENANCE BULLETIN 06-MB-003 FOR MODEL 100 (BASE PLATE MOUNTED)

Rev. 3/08

In maintaining a jib crane to keep it in good operating condition, it is recommended to establish a regular schedule of inspection and lubrication. Inspection of all parts should be made, all loose parts should be adjusted, and worn parts should be replaced at once.

The recommended lubrication schedule varies as to the use of the crane. A crane operating 24 hours per day, seven days a week, requires lubrication at least once a week. Operating a crane at "standard duty", eight hours a day on a five day week requires lubrication once every two or three weeks. Operating a crane on "standby classification," used once or twice a month, should require lubrication at least once every six months. The actual interval of lubrication depends largely upon type and length of operation to which the jib crane is subjected. In those cases where this variable cannot always be determined, the crane operator or maintenance engineer should determine when the crane should be lubricated.

The points that require lubrication are the main pivoting bearing, and trunnion roller bearing.

RECOMMENDED LUBRICATION:

Generally use NLGI No. 1 and No. 2 greases. No. 3 and heavier greases should not be used because they tend to channel and cause lubrication starvation.

⚠ WARNING **THIS EQUIPMENT IS NOT DESIGNED FOR AND SHOULD NOT BE USED FOR LIFTING, SUPPORTING, OR TRANSPORTING PERSONNEL.**

MAINTENANCE

MAINTENANCE BULLETIN 06-MB-001 FOR MODEL 101 (FOUNDATION MOUNTED)

Rev. 4/86

In maintaining a jib crane to keep it in good operating condition, it is recommended to establish a regular schedule of inspection and lubrication. Inspection of all parts should be made, all loose parts should be adjusted, and worn parts should be replaced at once.

The recommended lubrication schedule varies as to the use of the crane. A crane operating 24 hours per day, seven days a week, requires lubrication at least once a week. Operating a crane at "standard duty", eight hours a day on a five day week requires lubrication once every two or three weeks. Operating a crane on "standby classification," used once or twice a month, should require lubrication at least once every six months. The actual interval of lubrication depends largely upon type and length of operation to which the jib crane is subjected. In those cases where this variable cannot always be determined, the crane operator or maintenance engineer should determine when the crane should be lubricated.

The points that require lubrication are the main pivoting bearing, and trunnion roller bearing.

RECOMMENDED LUBRICATION:

Generally use NLGI No. 1 and No. 2 greases. No. 3 and heavier greases should not be used because they tend to channel and cause lubrication starvation.

⚠ WARNING **THIS EQUIPMENT IS NOT DESIGNED FOR AND SHOULD NOT BE USED FOR LIFTING, SUPPORTING, OR TRANSPORTING PERSONNEL.**

MAINTENANCE

MAINTENANCE BULLETIN 06-MB-002 FOR MODEL 102 (FOUNDATION MOUNTED WITH SLEEVE INSERT)

Rev. 5/1

In maintaining a jib crane to keep it in good operating condition, it is recommended to establish a regular schedule of inspection and lubrication. Inspection of all parts should be made, all loose parts should be adjusted, and worn parts should be replaced at once.

The recommended lubrication schedule varies as to the use of the crane. A crane operating 24 hours per day, seven days a week, requires lubrication at least once a week. Operating a crane at "standard duty", eight hours a day on a five day week requires lubrication once every two or three weeks. Operating a crane on "standby classification," used once or twice a month, should require lubrication at least once every six months. The actual interval of lubrication depends largely upon type and length of operation to which the jib crane is subjected. In those cases where this variable cannot always be determined, the crane operator or maintenance engineer should determine when the crane should be lubricated.

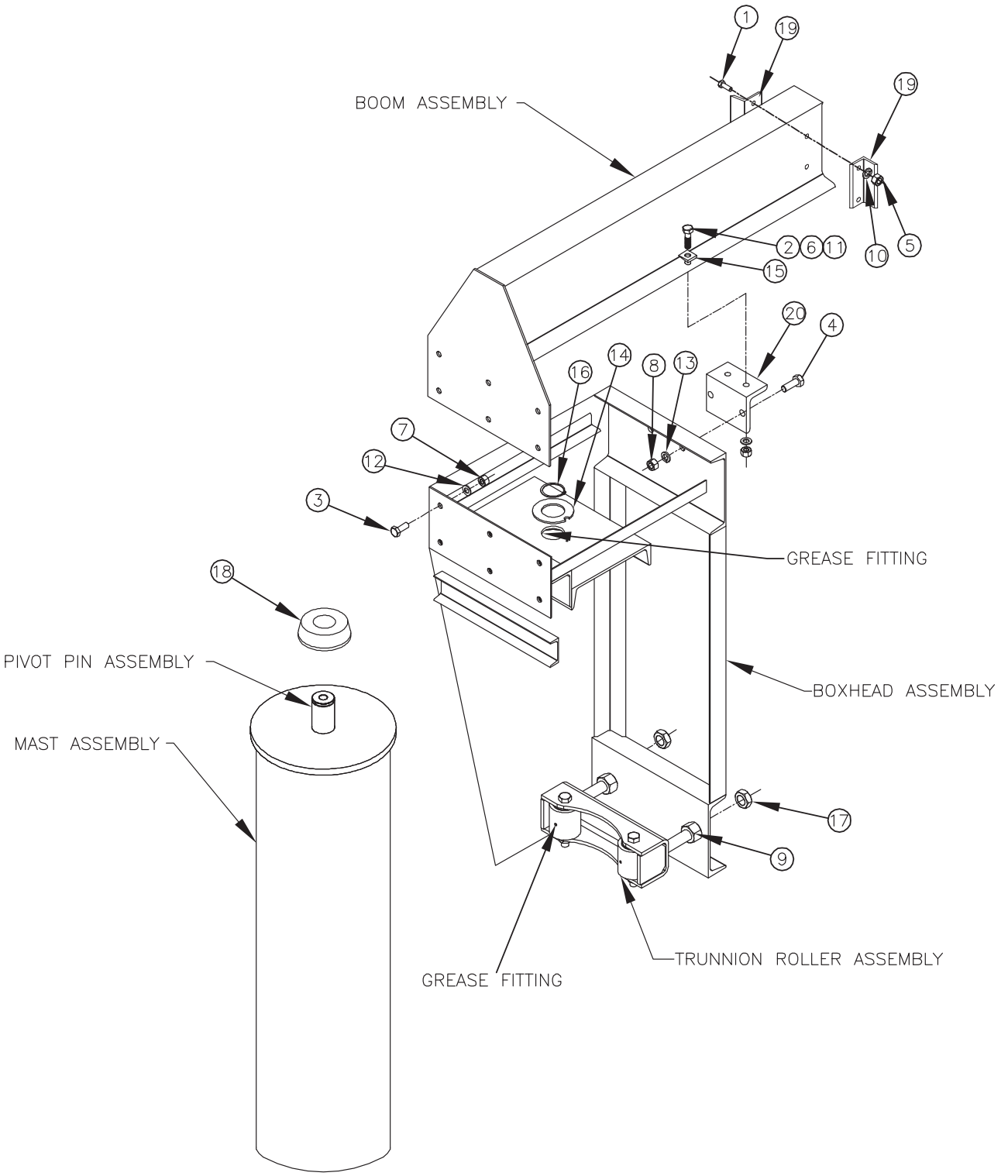
The points that require lubrication are the main pivoting bearing, and trunnion roller bearing.

RECOMMENDED LUBRICATION:

Generally use NLGI No. 1 and No. 2 greases. No. 3 and heavier greases should not be used because they tend to channel and cause lubrication starvation.

⚠ WARNING **THIS EQUIPMENT IS NOT DESIGNED FOR AND SHOULD NOT BE USED FOR LIFTING, SUPPORTING, OR TRANSPORTING PERSONNEL.**

FREESTANDING JIB CRANE 360° ROTATION
MODEL 100, 101, 102



(For description of numbered item, refer to specific hardware lists on pages 23-

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 8” BOOM = 6”, 8”

ITEM	DESCRIPTION	PART NO.	QUANTITY
1	HEX BOLT	10-0205	4
2	HEX BOLT	10-0301	2
3	HEX BOLT	10-0401	2
4	HEX BOLT	10-0301	2
5	HEX NUT	11-0030	4
6	HEX NUT	11-0040	2
7	HEX NUT	11-0060	2
8	HEX NUT	11-0040	2
9	HEX NUT	11-0104	2
10	LOCK WASHER	14-0003	4
11	LOCK WASHER	14-0004	2
12	LOCK WASHER	14-0005	2
13	LOCK WASHER	14-0004	2
14	FLAT WASHER	06-0295	1
15	BEVEL WASHER	16-0002	2
16	SNAP RING	20-0001	1
17	HEX JAM NUT	12-0050	2
18	BEARING (CONE)	50-0003	1
19	END STOP	06-0310	4
20	BEAM ANGLE	06-0270	1

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 12” BOOM = 6”, 8”

ITEM	DESCRIPTION	PART NO.	QUANTITY
1	HEX BOLT	10-0205	4
2	HEX BOLT	10-0301	2
3	HEX BOLT	10-0401	2
4	HEX BOLT	10-0401	2
5	HEX NUT	11-0030	4
6	HEX NUT	11-0040	2
7	HEX NUT	11-0060	2
8	HEX NUT	11-0060	2
9	HEX NUT	11-0104	2
10	LOCK WASHER	14-0003	4
11	LOCK WASHER	14-0004	2
12	LOCK WASHER	14-0005	2
13	LOCK WASHER	14-0005	2
14	FLAT WASHER	06-0295	1
15	BEVEL WASHER	16-0002	2
16	SNAP RING	20-0001	1
17	HEX JAM NUT	12-0050	2
18	BEARING (CONE)	50-0003	1
19	END STOP	06-0310	4
20	BEAM ANGLE	06-0222	1

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 12” BOOM = 10”, 12”

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0301	2	
3	HEX BOLT	10-0401	4	*2
4	HEX BOLT	10-0401	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0040	2	
7	HEX NUT	11-0060	4	*2
8	HEX NUT	11-0060	2	
9	HEX NUT	11-0104	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0004	2	
12	LOCK WASHER	14-0005	4	*2
13	LOCK WASHER	14-0005	2	
14	FLAT WASHER	06-0295	1	
15	BEVEL WASHER	16-0002	2	
16	SNAP RING	20-0001	1	
17	HEX JAM NUT	12-0050	2	
18	BEARING (CONE)	50-0003	1	
19	END STOP	06-0311	4	
20	BEAM ANGLE (10" BEAM)	06-0223	1	
	BEAM ANGLE (12" BEAM)	06-0224		

*** Indicates quantities for OCT 2007 and EARLIER**

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 12” BOOM = 15”

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0301	2	
3	HEX BOLT	10-0401	6	*2
4	HEX BOLT	10-0401	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0040	2	
7	HEX NUT	11-0060	6	*2
8	HEX NUT	11-0060	2	
9	HEX NUT	11-0104	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0004	2	
12	LOCK WASHER	14-0005	6	*2
13	LOCK WASHER	14-0005	2	
14	FLAT WASHER	06-0295	1	
15	BEVEL WASHER	16-0002	2	
16	SNAP RING	20-0001	1	
17	HEX JAM NUT	12-0050	2	
18	BEARING (CONE)	50-0003	1	
19	END STOP	06-0312	4	
20	BEAM ANGLE	06-0225	1	

*** Indicates quantities for OCT 2007 and EARLIER**

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 14” BOOM = 8”

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0302	2	
3	HEX BOLT	10-0401	2	*4
4	HEX BOLT	10-0401	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0040	2	
7	HEX NUT	11-0060	2	*4
8	HEX NUT	11-0060	2	
9	HEX NUT	11-0104	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0004	2	
12	LOCK WASHER	14-0005	2	*4
13	LOCK WASHER	14-0005	2	
14	FLAT WASHER	06-0295	1	
15	BEVEL WASHER	16-0002	2	
16	SNAP RING	20-0001	1	
17	HEX JAM NUT	12-0050	2	
18	BEARING (CONE)	50-0003	1	
19	END STOP	06-0310	4	
20	BEAM ANGLE	06-0222	1	

*** Indicates quantities for OCT 2007 and EARLIER**

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 14", 16" BOOM = 10", 12"

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0302	2	
3	HEX BOLT	10-0401	4	*6
4	HEX BOLT	10-0401	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0040	2	
7	HEX NUT	11-0060	4	*6
8	HEX NUT	11-0060	2	
9	HEX NUT	11-0104	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0004	2	
12	LOCK WASHER	14-0005	4	*6
13	LOCK WASHER	14-0005	2	
14	FLAT WASHER	06-0295	1	
15	BEVEL WASHER	16-0002	2	
16	SNAP RING	20-0001	1	
17	HEX JAM NUT	12-0050	2	
18	BEARING (CONE)	50-0003	1	
19	END STOP	06-0311	4	
20	BEAM ANGLE (10" BEAM)	06-0223	1	
	BEAM ANGLE (12" BEAM)	06-0224		

*** Indicates quantities for OCT 2007 and EARLIER (16" MAST ONLY)**

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 14", 16" BOOM = 15"

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0302	2	
3	HEX BOLT	10-0401	6	*4
4	HEX BOLT	10-0401	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0040	2	
7	HEX NUT	11-0060	6	*4
8	HEX NUT	11-0060	2	
9	HEX NUT	11-0103	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0004	2	
12	LOCK WASHER	14-0005	6	*4
13	LOCK WASHER	14-0005	2	
14	FLAT WASHER	06-0295	1	
15	BEVEL WASHER	16-0002	2	
16	SNAP RING	20-0001	1	
17	HEX JAM NUT	12-0021	2	
18	BEARING (CONE)	50-0003	1	
19	END STOP	06-0312	4	
20	BEAM ANGLE	06-0225	1	

*** Indicates quantities for OCT 2007 and EARLIER (14" MAST ONLY)**

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 16” BOOM = 18”

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0302	2	
3	HEX BOLT	10-0401	8	*6
4	HEX BOLT	10-0401	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0040	2	
7	HEX NUT	11-0060	8	*6
8	HEX NUT	11-0060	2	
9	HEX NUT	11-0103	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0004	2	
12	LOCK WASHER	14-0005	8	*6
13	LOCK WASHER	14-0005	2	
14	FLAT WASHER	06-0295	1	
15	BEVEL WASHER	16-0002	2	
16	SNAP RING	20-0001	1	
17	HEX JAM NUT	12-0021	2	
18	BEARING (CONE)	50-0003	1	
19	END STOP	06-0312	4	
20	BEAM ANGLE	06-0225	1	

*** Indicates quantities for OCT 2007 and EARLIER**

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 18", 20" BOOM = 15"

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0403	2	
3	HEX BOLT	10-0401	6	*8
4	HEX BOLT	10-0501	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0060	2	
7	HEX NUT	11-0060	6	*8
8	HEX NUT	11-0070	2	
9	HEX NUT	11-0103	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0005	2	
12	LOCK WASHER	14-0005	6	*8
13	LOCK WASHER	14-0006	2	
14	FLAT WASHER	06-0296	1	
15	BEVEL WASHER	16-0003	2	
16	SNAP RING	20-0002	1	
17	HEX JAM NUT	12-0021	2	
18	BEARING (CONE)	50-0004	1	
19	END STOP	06-0312	4	
20	BEAM ANGLE	06-0226	1	

*** Indicates quantities for OCT 2007 and EARLIER (20" MAST ONLY)**

FREESTANDING JIB CRANE MODEL 100, 101, 102

MAST = 18", 20", 24", 30" BOOM = 18", 24"

ITEM	DESCRIPTION	PART NO.	QUANTITY	
1	HEX BOLT	10-0205	4	
2	HEX BOLT	10-0403	2	
3	HEX BOLT	10-0401	8	*6
4	HEX BOLT	10-0501	2	
5	HEX NUT	11-0030	4	
6	HEX NUT	11-0060	2	
7	HEX NUT	11-0060	8	*6
8	HEX NUT	11-0070	2	
9	HEX NUT	11-0103	2	
10	LOCK WASHER	14-0003	4	
11	LOCK WASHER	14-0005	2	
12	LOCK WASHER	14-0005	8	*6
13	LOCK WASHER	14-0006	2	
14	FLAT WASHER	06-0296	1	
15	BEVEL WASHER	16-0003	2	
16	SNAP RING	20-0002	1	
17	HEX JAM NUT	12-0021	2	
18	BEARING (CONE)	50-0004	1	
19	END STOP (18" BEAM)	06-0312	4	
	END STOP (24" BEAM)	06-0313		
20	BEAM ANGLE (18" BEAM)	06-0226	1	
	BEAM ANGLE (24" BEAM)	06-0227		

*** Indicates quantities for OCT 2007 and EARLIER (18" MAST ONLY)**

MAINTENANCE

MAINTENANCE BULLETIN 06-MB-006
TRUNNION ROLLER ASSEMBLIES - TYPES “A” & “B”

Maintenance on roller consists mainly of lubrication of roller bearings via flush mounted grease fitting.

NOTE: Any maintenance schedule established is relative to its daily usage. A weekly inspection of lubrication level is recommended.

RECOMMENDED LUBRICATION:

Generally used NLGI No. 1 and No. 2 greases; No. 3 and heavier greases are seldom used as they tend to channel and cause lubrication starvation.

REPLACEMENT PARTS:

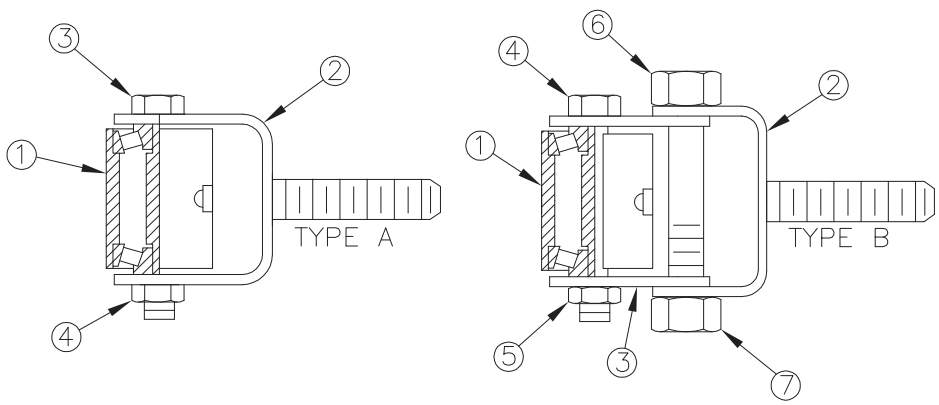
1. Bearing cup requires a press fit. Care must be taken to insure proper seating of bearing cup within roller shell. For this reason, these two parts are replaced as an assembly with the roller shell.

2. Lock Nut (Item 4) Replacement: Tighten lock nut using torque wrench to a torque value of 200 to 300 ft./# for Type “A” and 500 to 700 ft./# for Type “B” to ensure proper seating and reduce ‘end play’ of Timken’s roller bearing cup and cone.

3. Trunnion Roller part numbers are determined by the mast diameter (first two digits of model number) or you can measure the outside diameter of the mast.

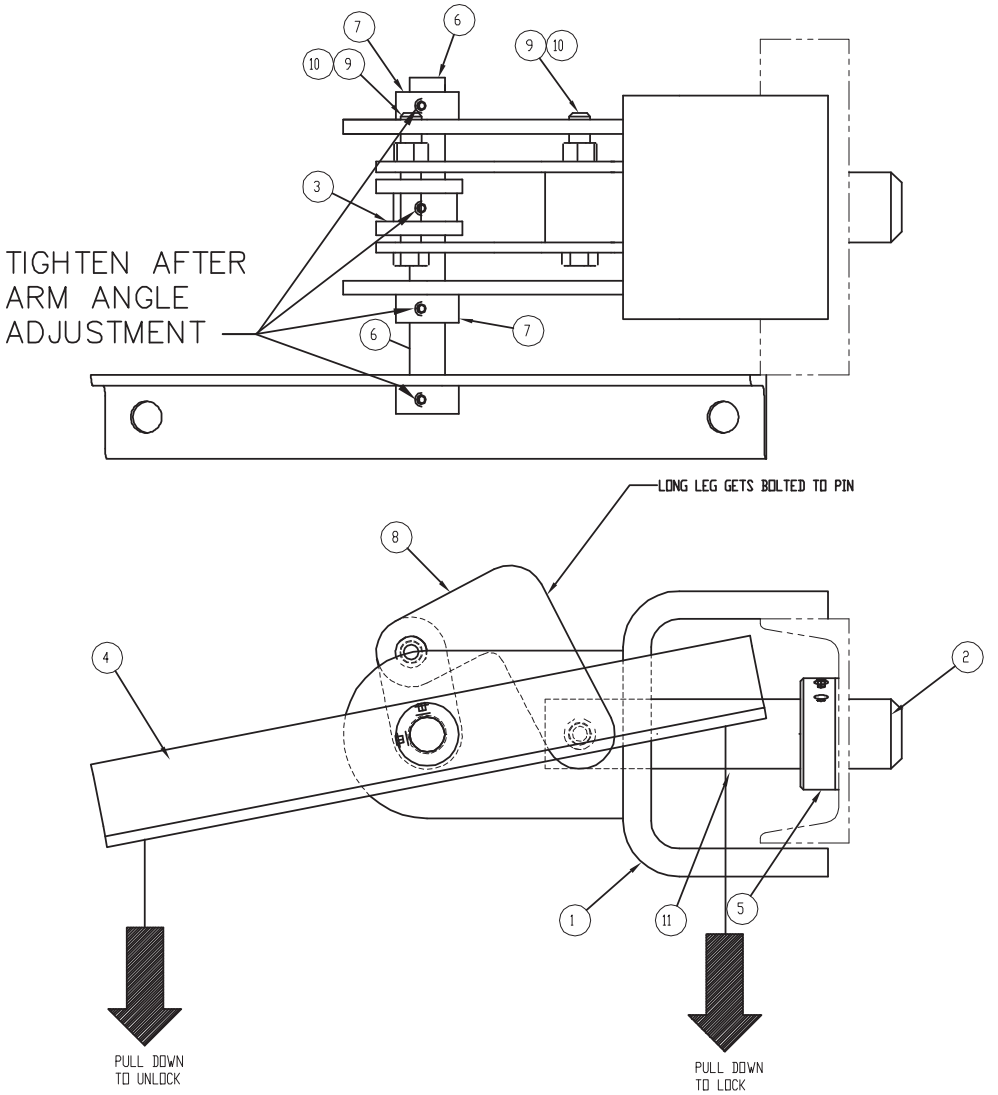
NOTE: When ordering parts, please provide us with the Jib Crane Model Number and Part Number.

TYPE "A" ASSEMBLY NO.			06-0127	06-0128	06-0129	06-0130	06-0131
NO.	QTY.	DESCRIPTION	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
1	2	ROLLER ASSEMBLY	06-0158	06-0158	06-0158	06-0159	06-0159
2	1	ROLLER BRACKET	06-0134	06-0300	06-0301	06-0302	06-0303
3	2	HEX HEAD BOLT	10405	10-0405	10-0405	10-0609	10-0609
4	2	HEX LOCK NUT	13-0010	13-0010	13-0010	13-0030	13-0030



TYPE "B" ASSEMBLY NO.			06-0132	06-0133	06-0161	06-0398
NO.	QTY.	DESCRIPTION	PART NO.	PART NO.	PART NO.	PART NO.
1	4	ROLLER ASSEMBLY	06-0159	06-0159	06-0159	06-0159
2	1	ROLLER BRACKET	06-0304	06-0305	06-0306	06-0397
3	2	TRUNNION ROLLER PLATE	06-0169	06-0170	06-0170	06-0170
4	4	HEX HEAD BOLT	10-0609	10-0609	10-0609	10-0609
5	4	HEX LOCK NUT	13-0030	13-0030	13-0030	13-0030
6	2	HEX HEAD BOLT	10-0805	10-0805	10-0805	10-0805
7	2	HEX LOCK NUT	13-0050	13-0050	13-0050	13-0030

SINGLE POSITION BOOM LOCK

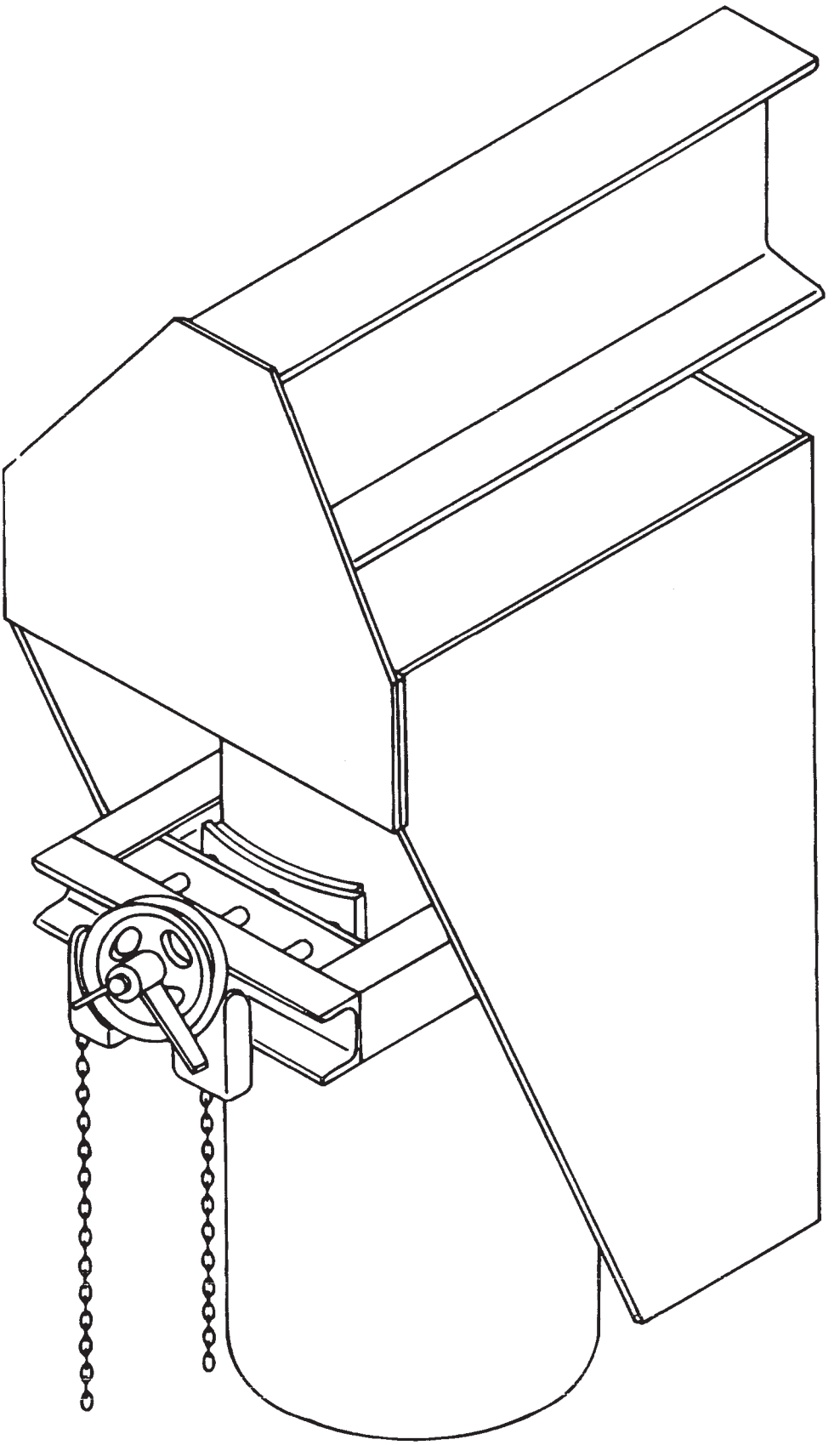


ITEM	DESCRIPTION	PART NO.	QUANTITY
1	BOOM LOCK HOUSING	06-0431	1
2	LOCKING PIN	06-0434	1
3	ASSEMBLY, HINGE SMALL, I42	06-0435	1
4	LEVER WELDMENT	06-0439	1
5	COLLER 1 1/4" ID. X 2" OD. X 11/16" TH.	68-0003	1
6	PIVOT PIN	06-0441	1
7	COLLER 5/8" ID. X 1 1/8" OD. X 1/2" TH.	68-0001	2
8	LARGE HINGE	06-0438	2
9	BOLT, 3/8-16 NC X 2.5 GR2 ZP	10-0107	2
10	HEX LOCK NUT - 3/8" 13 NC	13-0002	2
11	10 TON HEIGHT ADJ. SPRING	05-0165	1

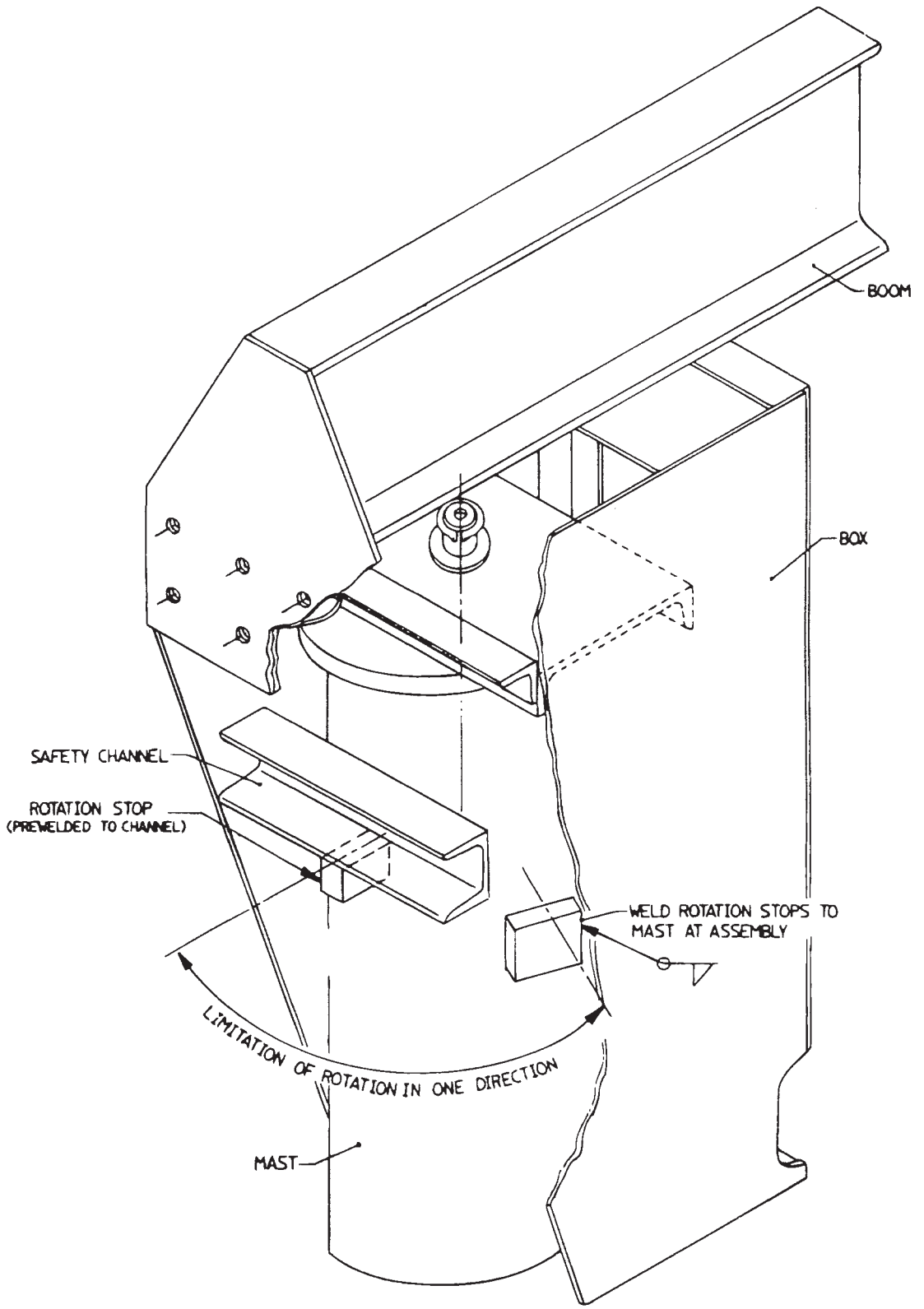
NOTE:

1. Rope lengths must be specified to fit each crane. To determine rope length use: 2 X floor to height under boom minus 7'-0". This will place rope approximately 3'-6" from floor.
2. Thread roped ends through holes and tie knots at rope ends.
3. To adjust swing-arm, all set screws and collers should be loose to return components to the proper position. Push main locking pin against mast and make sure lever arm is horizontal. Tighen all set screws to anchor set screws in shaft.

JIB CRANE MULTI-POSITION SHOE BRAKE HAND CHAIN OPERATED

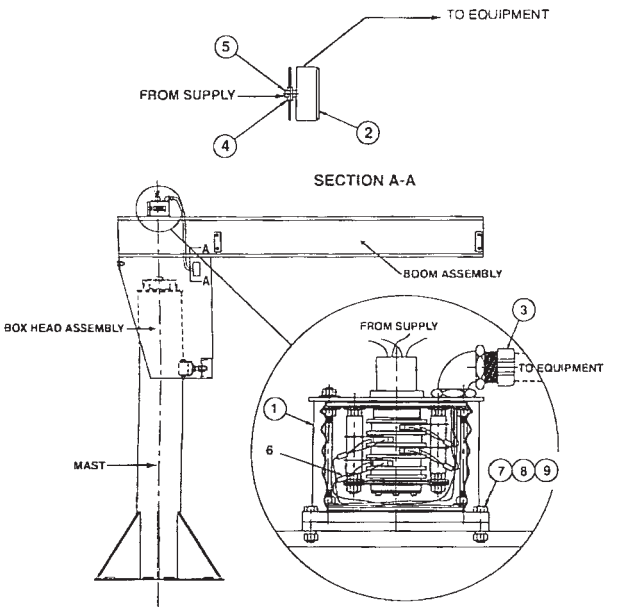


ROTATION STOPS



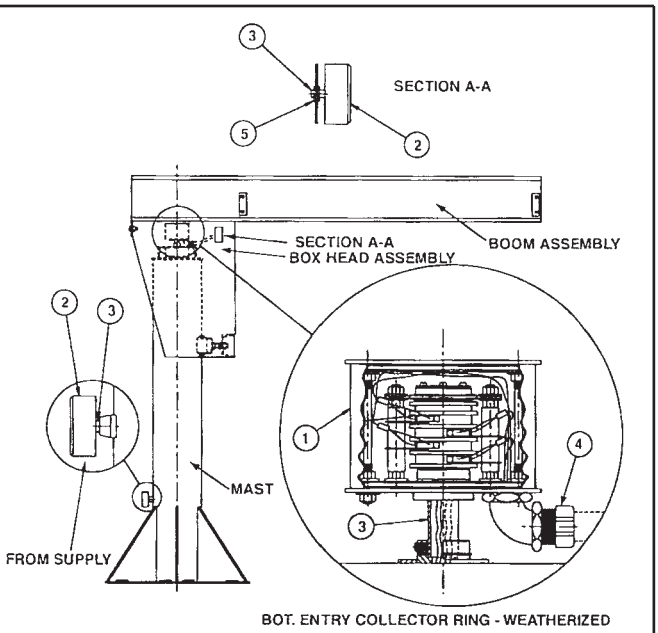
JIB CRANE FREESTANDING SERIES

TYPICAL ELECTRICAL COLLECTOR ASSEMBLY - TOP ENTRY/BOTTOM ENTRY



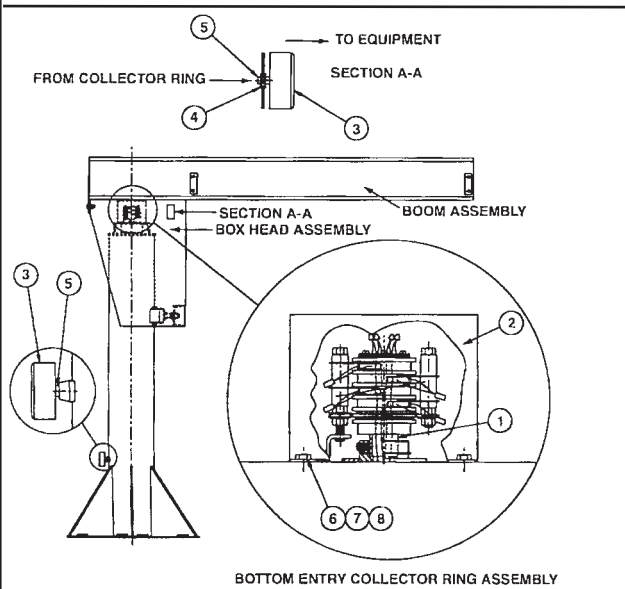
TOP ENTRY COLLECTOR RING - WEATHERIZED

BILL OF MATERIAL		
ITEM	DESCRIPTION	QTY.
9	HEX NUT	4
8	LOCK WASHER	4
7	HEX BOLT	4
6	WIRE NUT	3
5	NIPPLE	1
4	LOCK NUTS	2
3	CONNECTOR	1
2	JUNCTION BOX	1
1	COLLECTOR RING ASSEMBLY	1



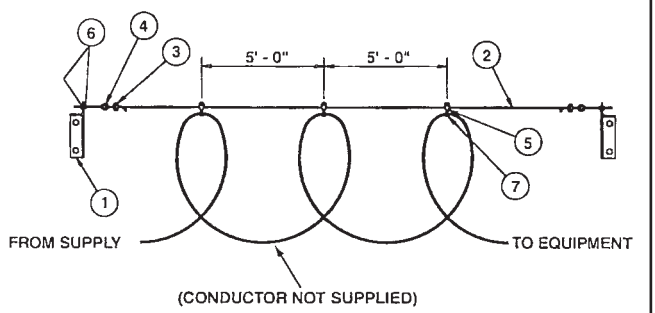
BOT. ENTRY COLLECTOR RING - WEATHERIZED

BILL OF MATERIAL		
ITEM	DESCRIPTION	QTY.
5	LOCK NUTS	2
4	CONNECTOR	3
3	NIPPLE	3
2	JUNCTION BOX	2
1	COLLECTOR RING ASSEMBLY	1



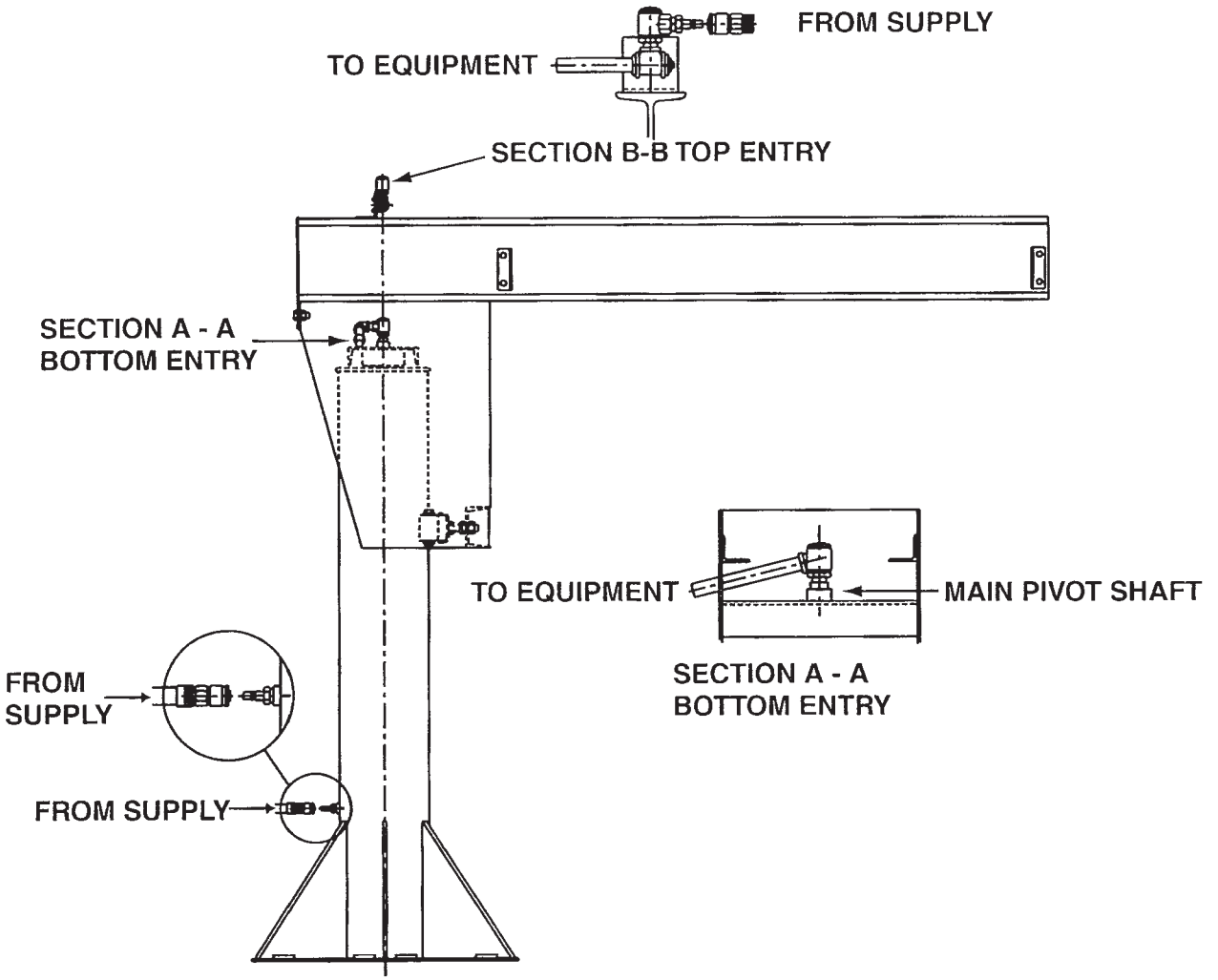
BOTTOM ENTRY COLLECTOR RING ASSEMBLY

BILL OF MATERIAL		
ITEM	DESCRIPTION	QTY.
8	HEX NUT	1
7	LOCK WASHER	4
6	HEX BOLT	4
5	NIPPLE	2
4	LOCK NUTS	2
3	JUNCTION BOX	2
2	COVER	1
1	COLLECTOR RING ASSEMBLY	1

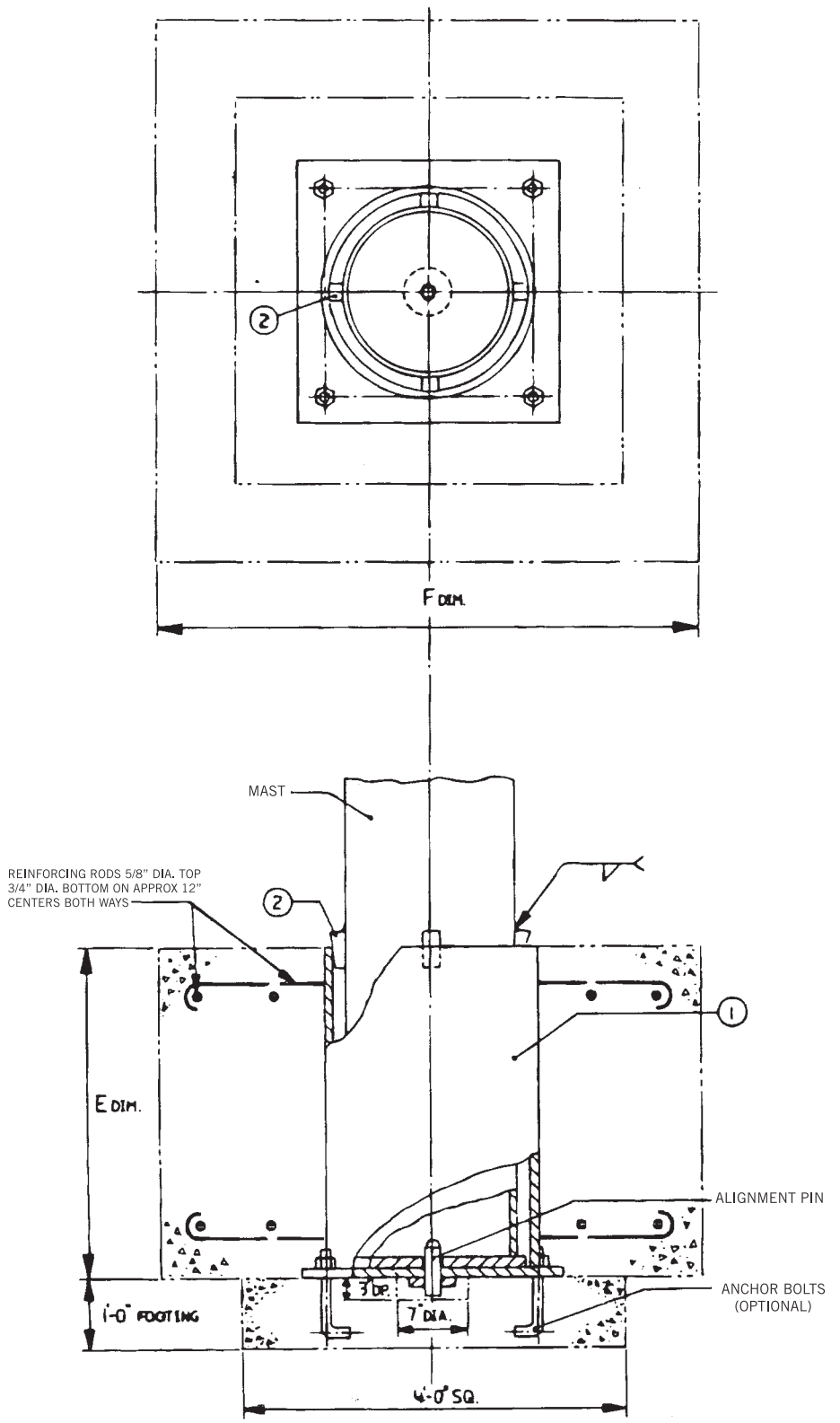


BILL OF MATERIALS		
ITEM	DESCRIPTION	QTY.
7	CABLE TIES	*
6	HEX NUTS	4
5	PULLEYS	5
4	EYE BOLTS	2
3	CABLE CLAMPS	2
2	TAGLINE CABLE	1
1	TROLLEY STOPS	2
*QTY. VARIES PER SPAN		

JIB CRANE FREESTANDING SERIES
TYPICAL PNEUMATIC ASSEMBLY - TOP ENTRY/BOTTOM ENTRY



WEDGE AND WEDGE RING



Promise to Perform Industries, Inc.

Spanco, Inc.
604 Hemlock Road
Morgantown, PA, 19543

Toll Free: 800-869-2080
Local: 610-286-7200
Fax: 610-286-0085

Spanco.com

TEN-YEAR SPANCO WARRANTY

Products covered under the Ten-Year Warranty:

- Manual Steel Freestanding, Ceiling Mounted Workstation Bridge Cranes, and Monorails
- Manual Aluminum (Alu-Track®) Workstation Bridge Cranes and Monorails
- Manual Jib Cranes (I-Beam, Articulating, and Workstation Jib Cranes)
- Manual Gantry Cranes and Tripods

What the Ten-Year Warranty covers:

- Defects in Equipment material and workmanship
- Wearable parts (end truck and hoist trolley wheels only)

Spanco, Inc. warrants its manual workstation bridge crane products, jib crane products, and gantry crane products to be free from defects in material and workmanship for a period of ten (10) years or 20,000 hours, commencing on the date of shipment to the first retail purchaser. This warranty extends to non-wearable parts only, with the exception of the wheels supplied on manually operated workstation end trucks and hoist trolleys. This warranty does not cover defective equipment or system failure caused by misuse, negligence, improper installation or maintenance, or equipment that has been used in excess of its rated capacity or beyond its service factors. It does not apply to equipment that has been altered without Spanco's written authorization.

Written notice of any claimed system defect must be given to Spanco within thirty days of discovery. Spanco's obligation under this warranty is limited to the replacement or repair of Spanco's products at the factory or separate location approved by Spanco. The purchaser is responsible for all freight and transportation costs relating to equipment repair or replacement. **Other than the abovementioned warranty, Spanco will not honor any other warranties—whether express, implied, or statutory—and disclaims any warranties of merchantability or fitness for a particular purpose. Spanco is not liable—under any circumstances—for any indirect, incidental, or consequential damages including but not limited to lost profits, increased operating costs, or loss of production.**

This warranty does not extend to components or accessories not manufactured by Spanco. The purchaser's remedy for such components and accessories will be determined by the terms and conditions of any the warranty provided by the manufacturer of such components and accessories.

NOTE: *All motorized Spanco products come with a One-Year Warranty on drive components.*