

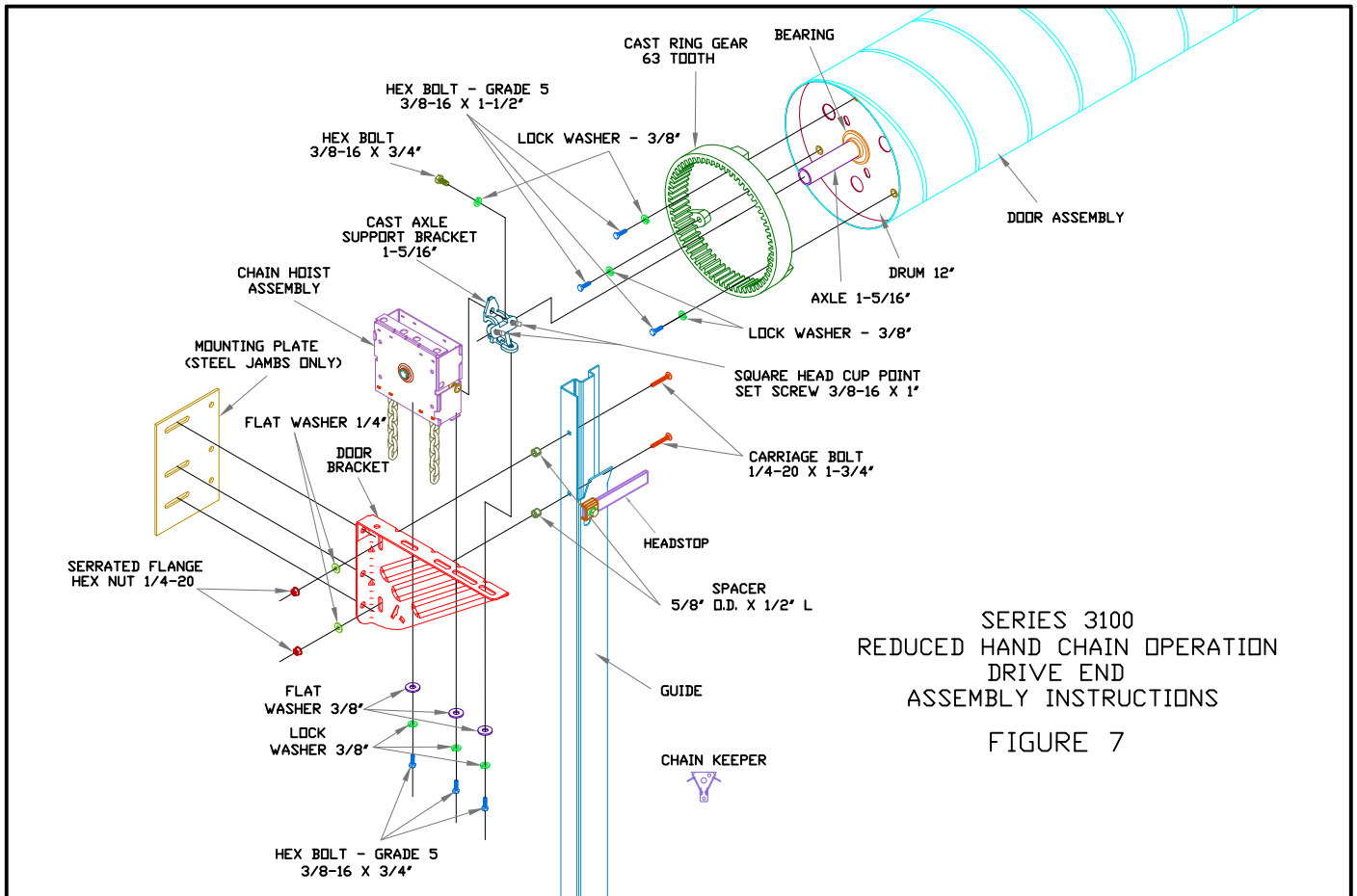
SUPPLEMENTAL INSTRUCTIONS FOR REDUCED HAND CHAIN OPERATION

10-11-10

SERIES 3100

STEP 3: BRACKETS TO GUIDES

- A. Attach door brackets to guides, locating top surface of bracket 2" below top of guide. Use 2 each 1/4-20 x 5/8" carriage bolts, 1/4-20 serrated flange hex nuts and 1/4" flat washers per bracket for tensioner end and the non-tensioner (drive) end for push-up operation. See figures 5 and 6.
- B. For reduced hand chain drive end, install drive bracket with 2 each 1/4-20 x 1-3/4" carriage bolts, 1/4-20 serrated flange hex nuts and 1/4" flat washers. Insert 1 each 5/8" O.D. x 1/2" long spacer tube between guide and bracket at each bolt location. See figure 7.
- C. For electric operation drive end, install drive bracket with 2 each 1/4-20 x 2-1/2" carriage bolts, 1/4-20 serrated flange hex nuts and 1/4" flat washers. Insert 2 each 1-1/4" O.D. x 3/4" long spacer tubes between guide and bracket at each bolt location. See figure 8.



DRAWN BY: BECKY NELSON	9-22-10
DESIGNED BY: DENNIS/VIC/DON	9-20-10
CHECKED BY: DON MILLS	10-11-10
APPROVED BY: DON MILLS	10-11-10

REDUCED HAND CHAIN OPERATION FOR SERIES 3100 (SUPPLEMENTAL INSTRUCTIONS)					
SIZE	DRAWING NUMBER	REV	SCALE	SHEET	OF
A	SUP-COMM002	—	NONE	1	1



JANUS INTL.

ROLLING STEEL DIVISION

2010 SUPPLEMENTAL INSTRUCTIONS