IDLER SPROCKET BRACKET

DIM IN INCHES

1/4 φ 2 PLACES

1 1/2

3/4

2 3/16

3/4

1/2 L (2) SIMPSON STRONG-TIE
12-GAUGE ANGLES MODEL
4A37 STACKED ON TOP
OF EACH OTHER
IDLER SPROCKET SIDE PLATE

2 REQ'D

ENLARGE EXISTING HOLES TO 13/64 " 2 PLACES

ENLARGE EXISTING HOLE TO 3/8"

ROUND CORNERS 4 PLACES

MAKE FROM: SIMPSON STRONG TIE
1 13/16 x 5 IN. TIE PLATE
TP15
MOUNTING BLOCK

MATERIAL: 1-1/4 SQ.
DELRIN BAR
STOCK

5/8, 4 PLACES

1-3/4

3/8

5/8 x 5/8
CUTOUT
2 PLACES

1/2
DRIVE CHAIN ANCHOR & CABLE GUARD

MAT'L

3/8 x 3/4
CUT OUT
2 PLACES

3/64 x 2 PLACES

MASTER LINKS
INSTALL IN
THESE TWO HOLES
CREATES CONNECTION
TO DRIVE CHAIN
PVC PIPE CUT-OUTS

MAT'L: 1/2 PVC PIPE
DIMS IN INCHES

BALL RELEASE SLOT

TOP VIEW

SIDE VIEW
CUTAWAY

RELOAD ARM SLOT

BALL EXIT CUTAWAY AREA

7
5/8
8.5
2.5
2.1
2.4
SERVO MOUNTING PLATES

MATERIAL: 1/8" THK ALUM OR STEEL

DIM: IN INCHES

TOP SERVO MTG.

1/8" CHAMFER

3/16 \( \phi \)

1/2 X 45° CHAMFER

LOWER SERVO MTG.
SUPPORT ARMS - PVC PIPE

OUTER SUPPORT ARM

INNER SUPPORT ARM

DIM. IN INCHES

MATEL: 1/4 x 1 ALUM BAR STOCK