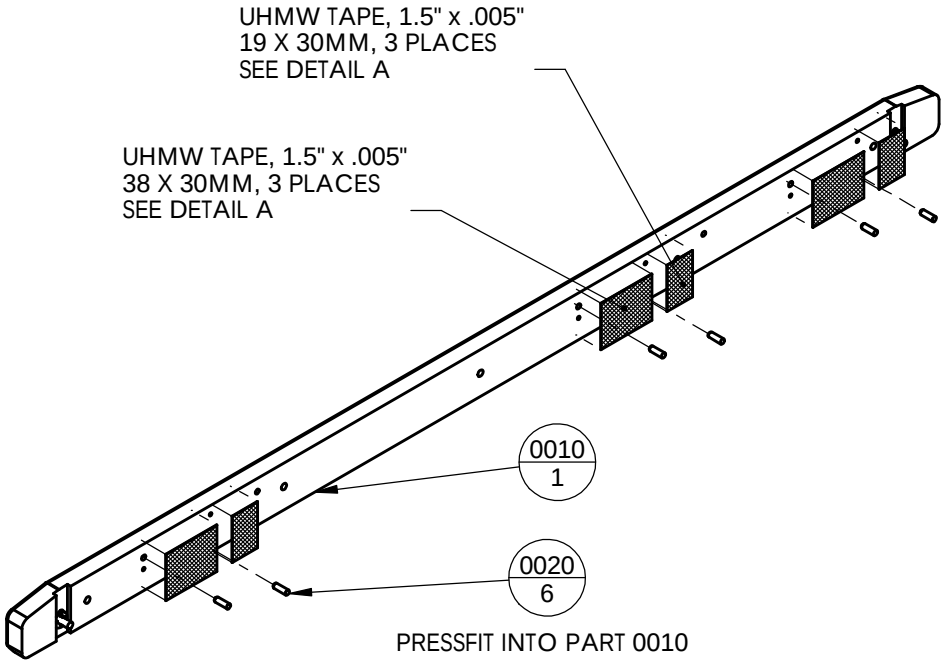
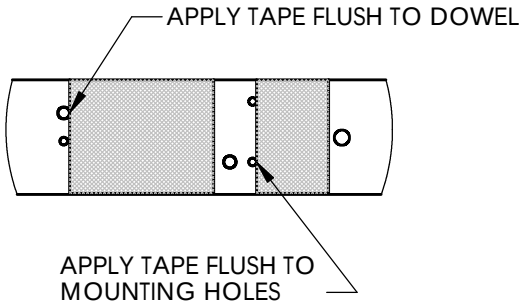
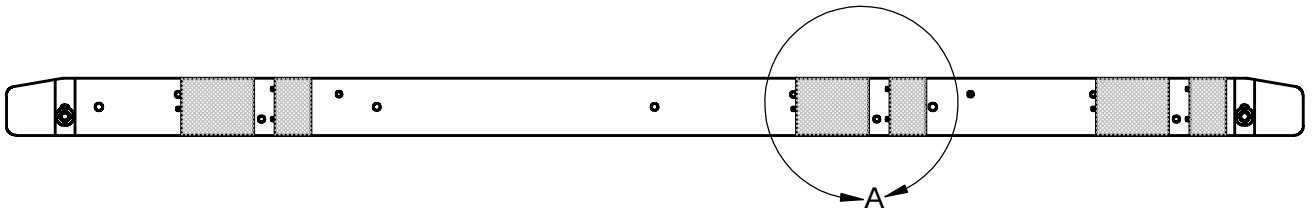
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DETAIL A
SCALE 1 : 2



NOTES:
1.0 DO NOT USE LOCTITE ON THIS ASSEMBLY

△B △C NO CHANGES THIS SHEET

REV	ECO	DATE	DRAWING CHANGES BY	APPROVED BY
B	E216	2001:05:15	DAL WAGNER	DAL WAGNER
C	E712	2002:04:08	P.LAGODZKI	P.LAGODZKI

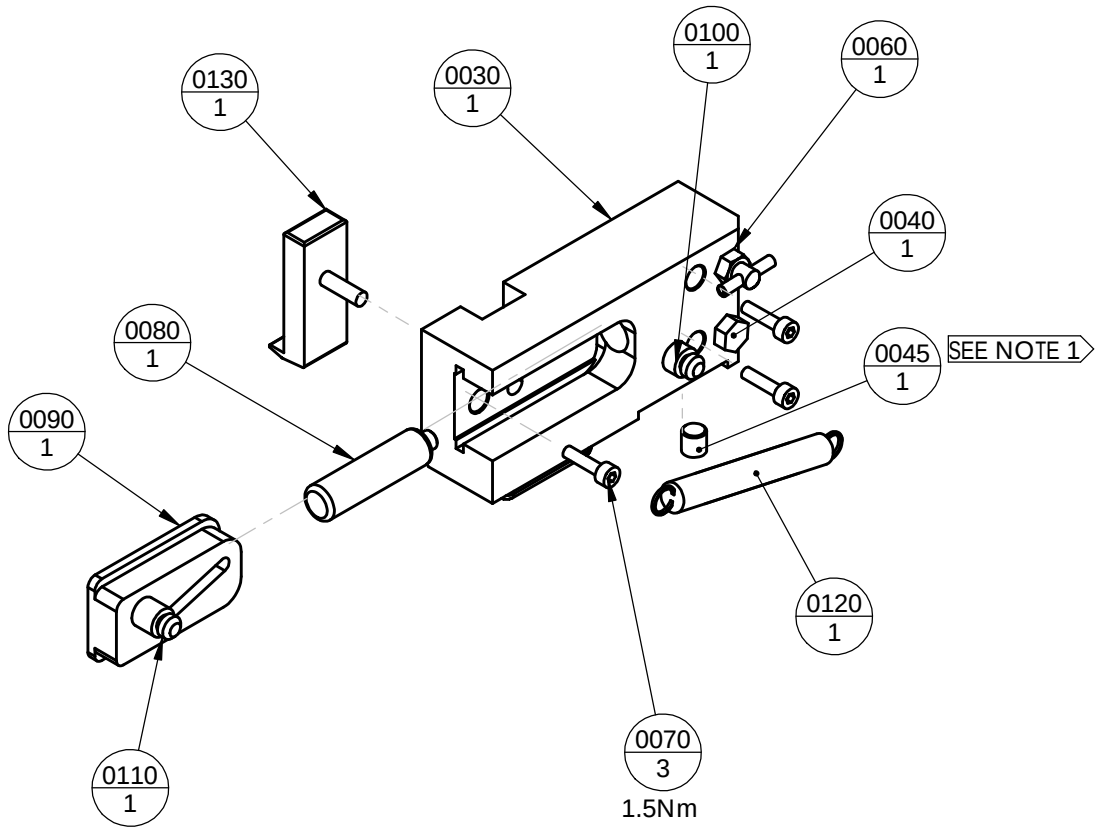
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FRONT BAR ASSY
Y-AXIS GRIPPER
TS-VLF-AL

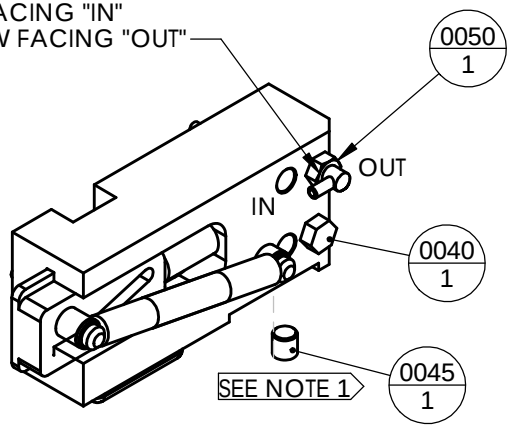
DESIGNED BY	DRAWN BY			
DAL WAGNER	J HAAS			
MILLIMETERS UNLESS SPECIFIED	DATE: 1999:MON:DT	SIZE A	SCALE 1:4	
PART NO. 50-2053C	REV C	DOC DD	SHEET 1	OF 4

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PISTON ASSEMBLY A

2 ASSEMBLIES
1 ELBOW FACING "IN"
ONE ELBOW FACING "OUT"



PISTON ASSEMBLY B

NOTES:
1. USE LOCTITE 420 ON M5 SET SCREW
   SET SCREW TO BE FLUSH.
   REMOVE EXCESS LOCTITE.

2. THREE ASSEMBLIES REQUIRED:
   1 X PISTON ASSEMBLY A,
   2 X PISTON ASSEMBLY B

NOTE: DO NOT USE LOCTITE ON THIS ASSEMBLY UNLESS SPECIFIED.

B C NO CHANGES THIS SHEET

REV	ECO	DATE	DRAWING CHANGES BY	APPROVED BY
B	E216	2000:05:15	DAL WAGNER	DAL WAGNER
C	E712	2002:04:08	P.LAGODZKI	P.LAGODZKI

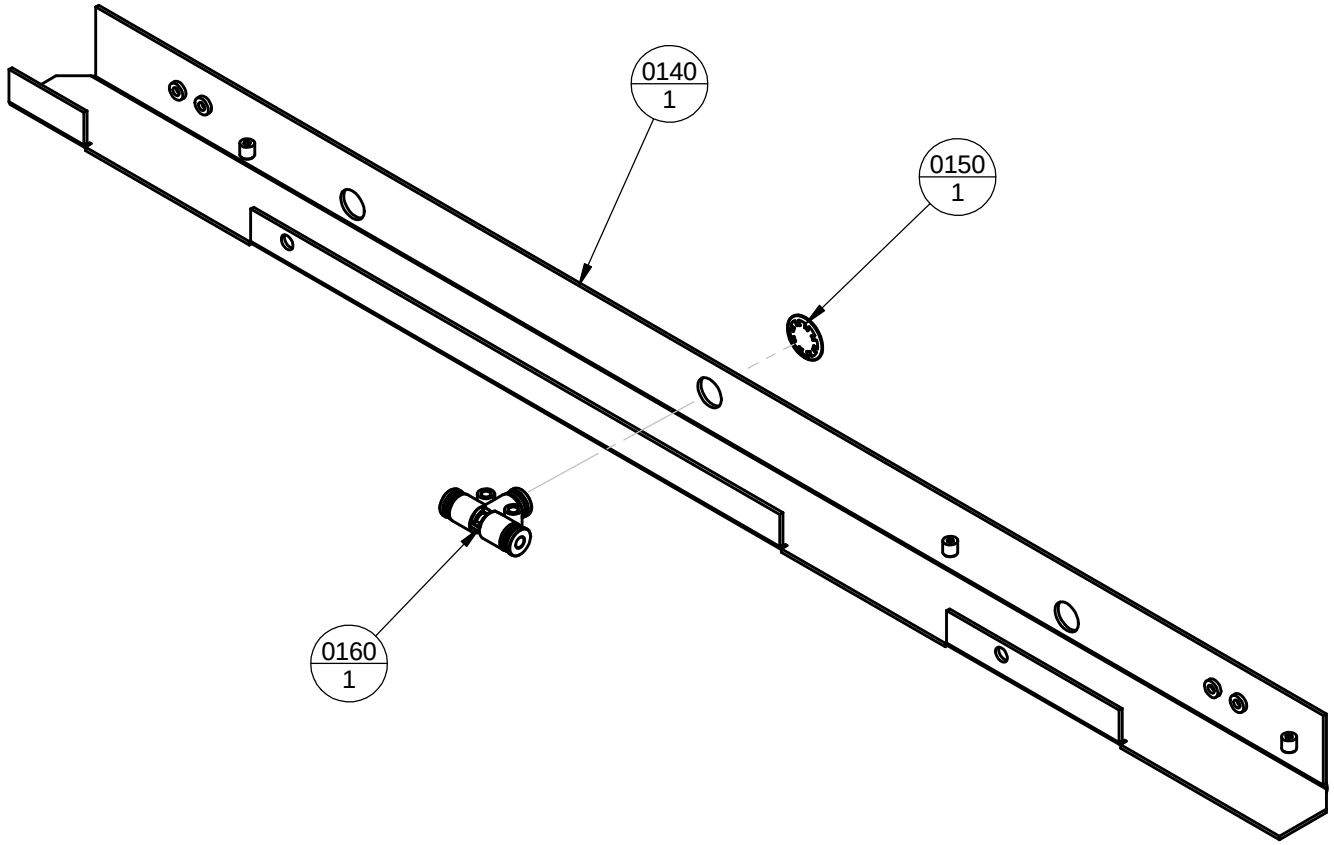
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GRIPPER ASSY
Y-AXIS GRIPPER
TS-VLF-AL

DESIGNED BY	DRAWN BY			
DAL WAGNER	J HAAS			
MILLIMETERS UNLESS SPECIFIED	DATE: 1999:MON:DT	SIZE A	SCALE 1:1.5	
PART NO. 50-2053C	REV C	DOC DD	SHEET 2	OF 4

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NOTE: DO NOT USE LOCTITE ON THIS ASSEMBLY UNLESS SPECIFIED.

B C NO CHANGES THIS SHEET

REV	ECO	DATE	DRAWING CHANGES BY	APPROVED BY
B	E216	2001:05:15	DAL WAGNER	DAL WAGNER
C	E712	2002:04:08	P.LAGODZKI	P.LAGODZKI

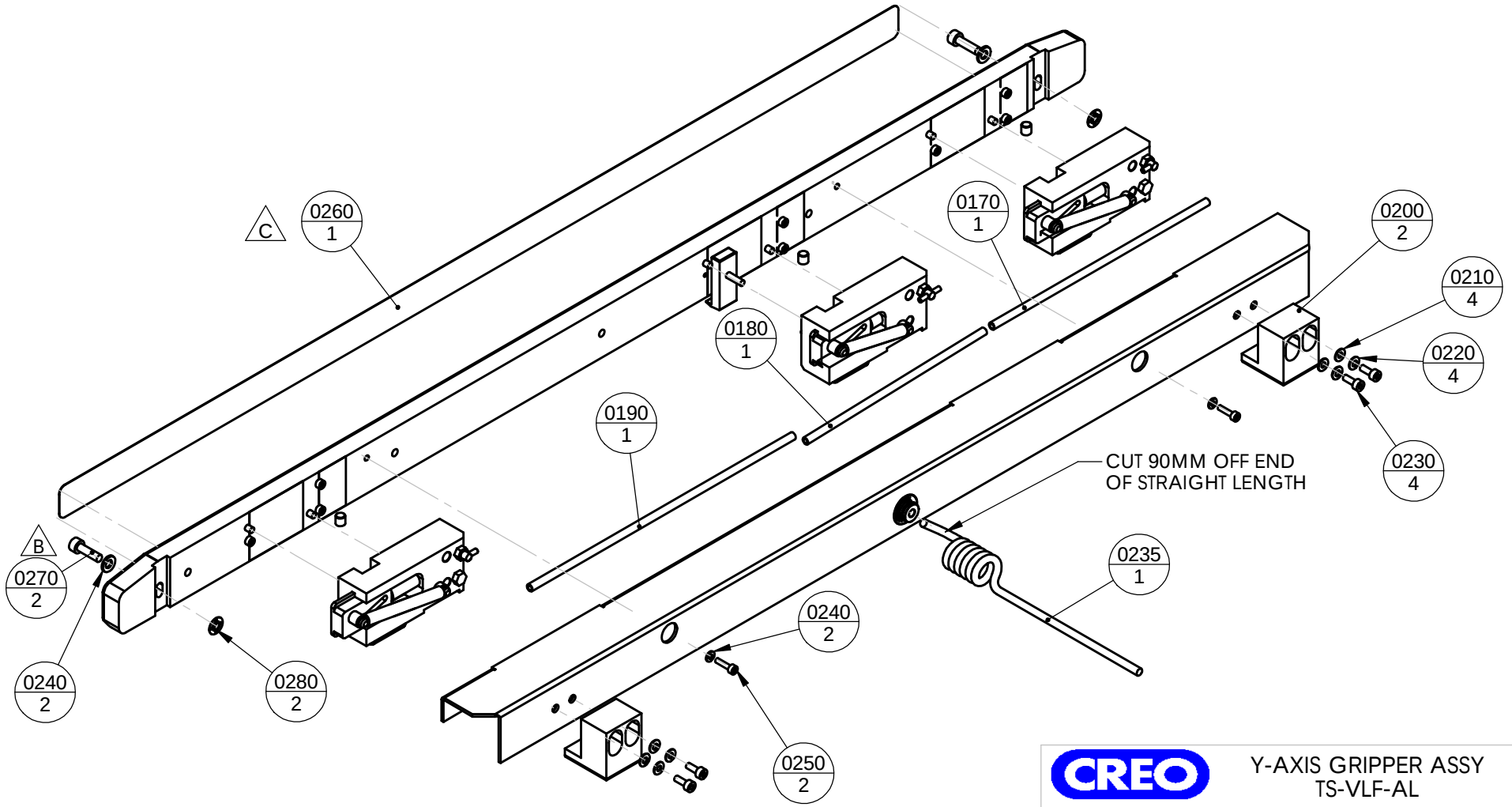
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COVER ASSY
YAXIS GRIPPER
TS-VLF-AL

DESIGNED BY	DRAWN BY			
DAL WAGNER	J HAAS			
MILLIMETERS UNLESS SPECIFIED	DATE: 1999:MON:DT	SIZE A	SCALE 1:2.5	
PART NO. 50-2053C	REV C	DOC DD	SHEET 3	OF 4

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NOTES:
1.0 DO NOT USE LOCTITE ON THIS ASSEMBLY

B ITEM 0270 CHANGED FROM M4 X 10 TO M4 X 14

REV	ECO	DATE	DRAWING CHANGES BY	APPROVED BY
B	E216	2000:05:15	DAL WAGNER	DAL WAGNER
C	E712	2002:04:08	P.LAGODZKI	P.LAGODZKI

CREO

Y-AXIS GRIPPER ASSY
TS-VLF-AL

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DESIGNED BY	DRAWN BY
DAL WAGNER	J HAAS

MILLIMETERS UNLESS SPECIFIED	DATE:	SIZE	SCALE
	1999:MON:DT	A	1:3

PART NO.	REV	DOC	SHEET	OF
50-2053C	C	DD	4	4