STANDARD OUTER WHEEL ASSEMBLY
QTY 2 (SEE PAGE 3)

CENTER WHEEL ASSEMBLY
QTY 2 (SEE PAGE 2)

PULLEYS WITH HEX HUBS
QTY 2 (SEE PAGE 4)

3.375 CHURRO
(am-2569) QTY 4

HOLE FOR INNER AXLES
NEEDS TO BE ENLARGED
(SEE PAGE 5)

585-5M-15 BELT
(am-2702) QTY 2

425-5M-15 BELT
(am-2703) QTY 2

*** SEE CAD FOR ADDITIONAL TOOLPATH INFO ***

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DUAL DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES:
FRACTIONAL: ±1/16
ANGULAR: MACH ±1°
ANGULAR: BEND ±5°
ONE PLACE DECIMAL: ±0.1
TWO PLACE DECIMAL: ±0.01
THREE PLACE DECIMAL: ±0.005
FOUR PLACE DECIMAL: ±0.0005

COMMENTS:
BREAK ALL SHARP EDGES.
CENTER WHEEL ASSEMBLY

6IN HiGrip WHEEL (am-0940b) QTY 2

.250T SPACER (am-3260) QTY 2

10-24 x 1.250 STS (am-1266) QTY 12

1614ZZ BEARING (am-0209) QTY 2

PRESSED INTO EACH SIDE

42T PULLEY (am-2234) QTY 2

*** SEE CAD FOR ADDITIONAL TOOLPATH INFO ***

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL
ANGULAR: MACH 1/16
ANGULAR: BEND 1/8°
ONE PLACE DECIMAL 0.1
TWO PLACE DECIMAL 0.01
THREE PLACE DECIMAL 0.005
FOUR PLACE DECIMAL 0.0005

MATERIAL
FINISH
DO NOT SCALE DRAWING

DUAL DIMENSIONS ARE IN MILLIMETERS.
BREAK ALL SHARP EDGES.

COMMENTS:

TITLE: AM14U4
8 WHEEL DRIVE UPGRADE KIT

SIZE DWG. NO. REV
A am-14U4_8WD 1

SCALE: 1:2 SHEET 2 OF 5
6IN HiGrip WHEEL (am-0940b)

42T PULLEY (am-2234)

.280T SPACER (am-1306)

.850T SPACER (am-1307)

OTHER BEARING

OUTER WHEEL ASSEMBLY (SAME AS STANDARD AM14U4)

10-24 x 1.250 STS (am-1266) QTY 6

1614ZZ BEARING (am-0209) QTY 2
PRESSED INTO EACH SIDE

*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED:

DUAL DIMENSIONS ARE IN MILLIMETERS.

BREAK ALL SHARP EDGES.

UNLESS OTHERWISE SPECIFIED:

DUAL DIMENSIONS ARE IN MILLIMETERS.

BREAK ALL SHARP EDGES.

TITLE: AM14U4
8 WHEEL DRIVE UPGRADE KIT

Q.A.

CHECKED
ENG APPR.
MFG APPR.

FINISH

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED:

DUAL DIMENSIONS ARE IN MILLIMETERS.

BREAK ALL SHARP EDGES.

UNLESS OTHERWISE SPECIFIED:

DUAL DIMENSIONS ARE IN MILLIMETERS.

BREAK ALL SHARP EDGES.

UNLESS OTHERWISE SPECIFIED:

DUAL DIMENSIONS ARE IN MILLIMETERS.

BREAK ALL SHARP EDGES.
CENTER AXLE DRIVE PULLEYS

42T PULLEY
(am-2234) QTY 2

10-32 x 1.000 BHCS
(am-1396) QTY 12

1.200 SPACER
(am-3896-1200)

10-32 NYLOCK NUT
(am-1063) QTY 12

500H HUB
(am-2568) QTY 2

*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL
ANGULAR: MACH
ANGULAR: BEND
ONE PLACE DECIMAL
TWO PLACE DECIMAL
THREE PLACE DECIMAL
FOUR PLACE DECIMAL

COMMENTS:
DUAL DIMENSIONS ARE IN MILLIMETERS.
BREAK ALL SHARP EDGES.

TITLE: AM14U4
8 WHEEL DRIVE UPGRADE KIT

CHECKED
ENG APPR.
MFG APPR.
Q.A.

SCALE: 1:1.5 SHEET 4 OF 5
PAIR OF CHURROS STRENGTHENING BETWEEN RAILS

.250 HOLE NEEDS TO BE ENLARGED TO 0.375 FOR AXLES

CONFIG USES 6IN WHEEL LONG AXLE HOLES

.129 WHEEL DROP