

4

3

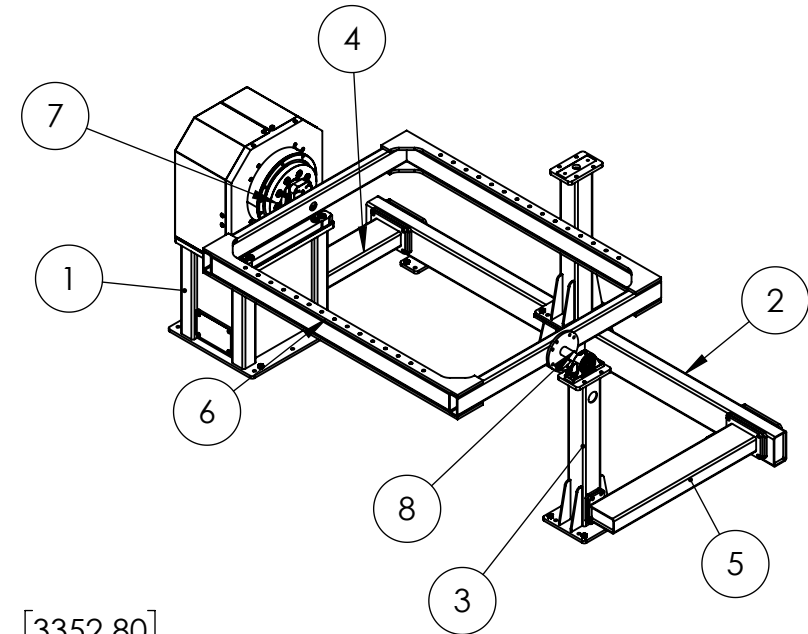
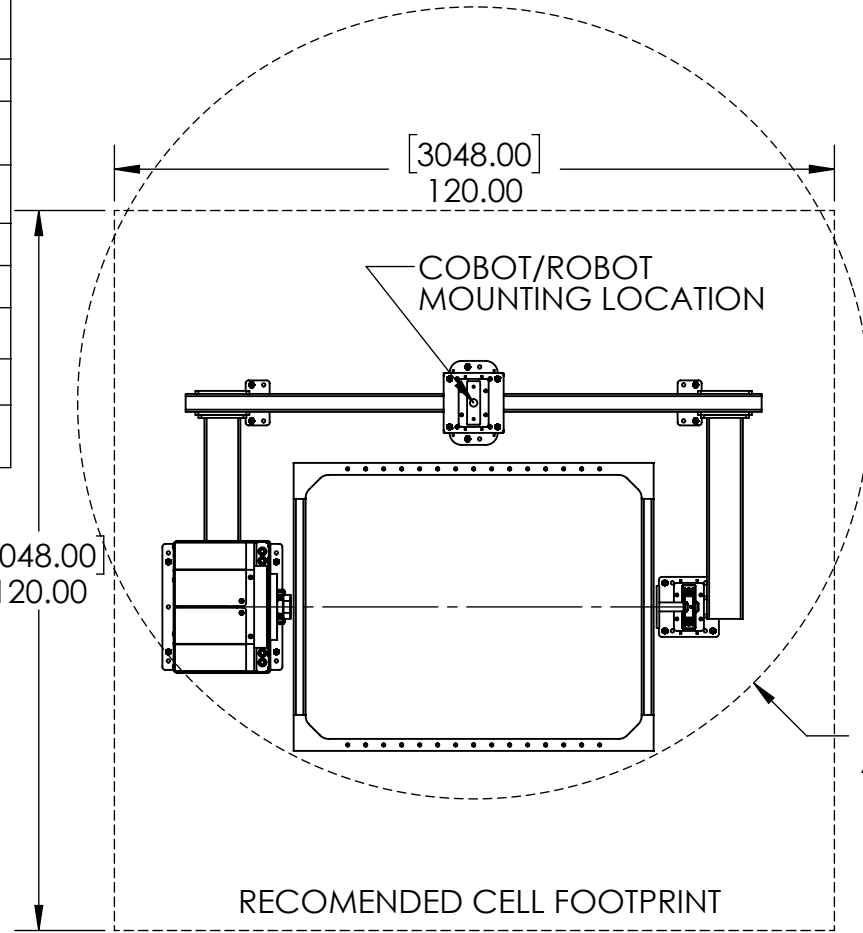
2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	KT-004-03-0000	HT1 Head Unit	1
2	KT-004-04-0000	HT CHASSIS ASSEMBLY	1
3	KT-004-05-0000	HT1 PEDESTAL	2
4	KT-004-06-0000	HT1 CHASSIS LINKAGE, HEAD	1
5	KT-004-06-0100	HT1 CHASSIS LINKAGE, TAILBOARD	1
6	KT-004-07-0000	HT1 TABLE ASSEMBLY	1
7	KT-004-08-0000	HT Table Adapter	1
8	KT-004-07-0100	HT1 TAILBOARD POST	1

KINETIC HT1 SYSTEM SPECIFICATIONS:

- 2,450NM START/STOP TORQUE
- 1,960NM MAXIMUM RATED TORQUE
- 9,800NM MAXIMUM MOMENTARY TORQUE
- 1ARC MIN BACKLASH (1/60TH OR .0166 DEGREES)
- 8,820NM MAXIMUM MOMENT LOADING
- CABLE PROTECTION (ALL CABLES CAN BE ROUTED INSIDE FRAME TO PROTECT FROM SPATTER AND UV DEGRADATION)
- RIGID REPEATABLE POSITIONING
- MODULAR SYSTEM TO ADD/REMOVE COMPONENTS
- CUSTOM CONFIGURATION AND EXPANSION AVAILABLE
- SMALL CELL FOOTPRINT
- STANDARD PACKAGE EQUIPPED WITH 200V 3 PHASE 750W YASKAWA SERVO MOTOR. (SGM7G-09A7DK1)



[3352.80]
 Ø 132.00
 AVERAGE COBOT REACH

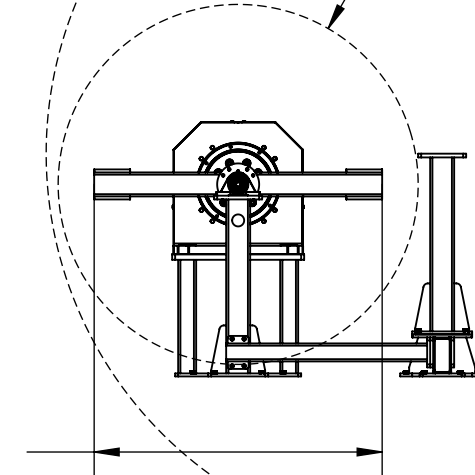
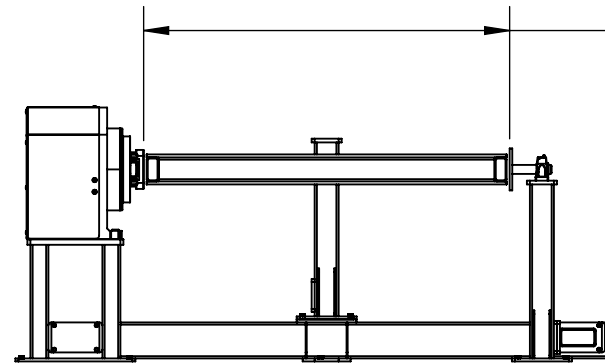
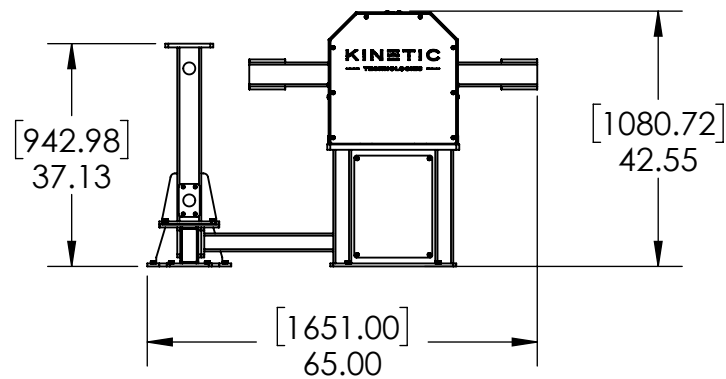
Ø 132.00
 AVERAGE COBOT REACH

RECOMENDED CELL FOOTPRINT

[1549.40]
 61.00
 STANDARD TABLE LENGTH

[1524.00]
 Ø 60.00
 STANDARD SWING DIA

[1219.20]
 48.00
 STANDARD TABLE WIDTH



FOR CUSTOM MOTOR APPLICATIONS:

- STANDARD GEARBOX ACCEPTS MOTOR SHAFT SIZES 19-28mm
- MOTOR SHAFT BUSHINGS AVAILABLE (MUST BE SPECIFIED)
- MOTOR MOUNT FLANGES AVAILABLE (MUST BE SPECIFIED)

PATENT PENDING

KINETIC TECHNOLOGIES		DESCRIPTION HT1 ASSEMBLY		
THIRD ANGLE	DRAWN T PAPPAS	DATE 08/24/2023	SIZE B	DWG. NO. KT-004-00-0000
MATERIAL ---	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS PER ASME Y14.5-2018 TOLERANCES: FRACTIONAL ± .0625 ANGULAR: BEND ± .5 DEG TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005		REV A	SCALE: 1:24
FINISH ---	WEIGHT 1340.47	DO NOT SCALE DRAWING	SHEET 1 OF 3	

4

3

2

1

B

B

A

A

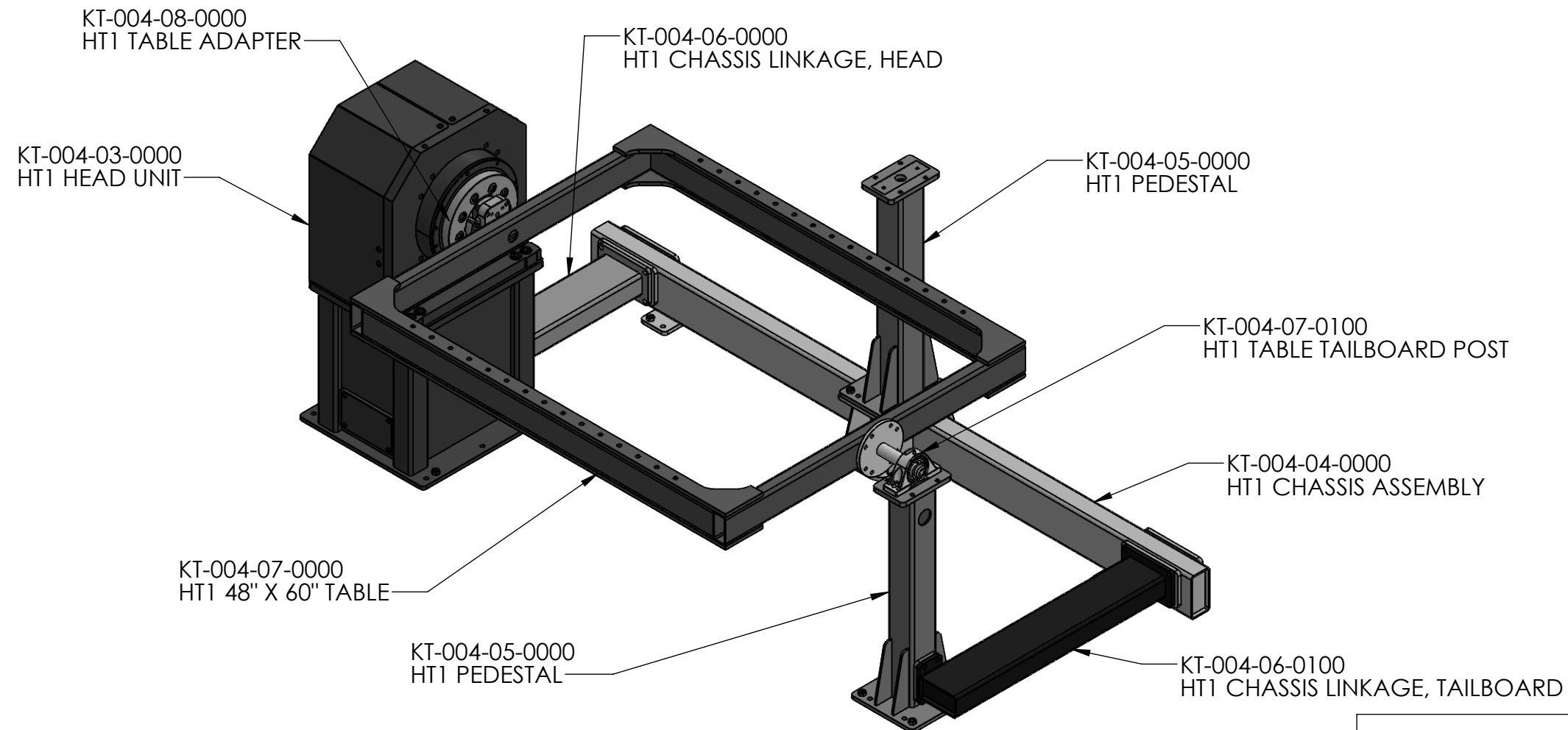
4

3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	KT-004-03-0000	HT1 HEAD UNIT	1
2	KT-004-04-0000	HT CHASSIS ASSEMBLY	1
3	KT-004-05-0000	HT1 PEDESTAL	2
4	KT-004-06-0000	HT1 CHASSIS LINKAGE, HEAD	1
5	KT-004-06-0100	HT1 CHASSIS LINKAGE, TAILBOARD	1
6	KT-004-07-0000	HT1 TABLE ASSEMBLY	1
7	KT-004-08-0000	HT TABLE ADAPTER	1
8	KT-004-07-0100	HT1 TAILBOARD POST	1



KINETIC
— TECHNOLOGIES —

DESCRIPTION
HT1 ASSEMBLY

THIRD ANGLE

DRAWN

DATE

T PAPPAS

08/24/2023

MATERIAL

FINISH

WEIGHT

1340.47

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIMENSIONS PER ASME Y14.5-2018
TOLERANCES:
FRACTIONAL ± .0625
ANGULAR: BEND ± .5 DEG
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005

SIZE
B

DWG. NO.

KT-004-00-0000

REV
A

SCALE: 1:24

DO NOT
SCALE DRAWING

SHEET 2 OF 3

4

3

2

1

4

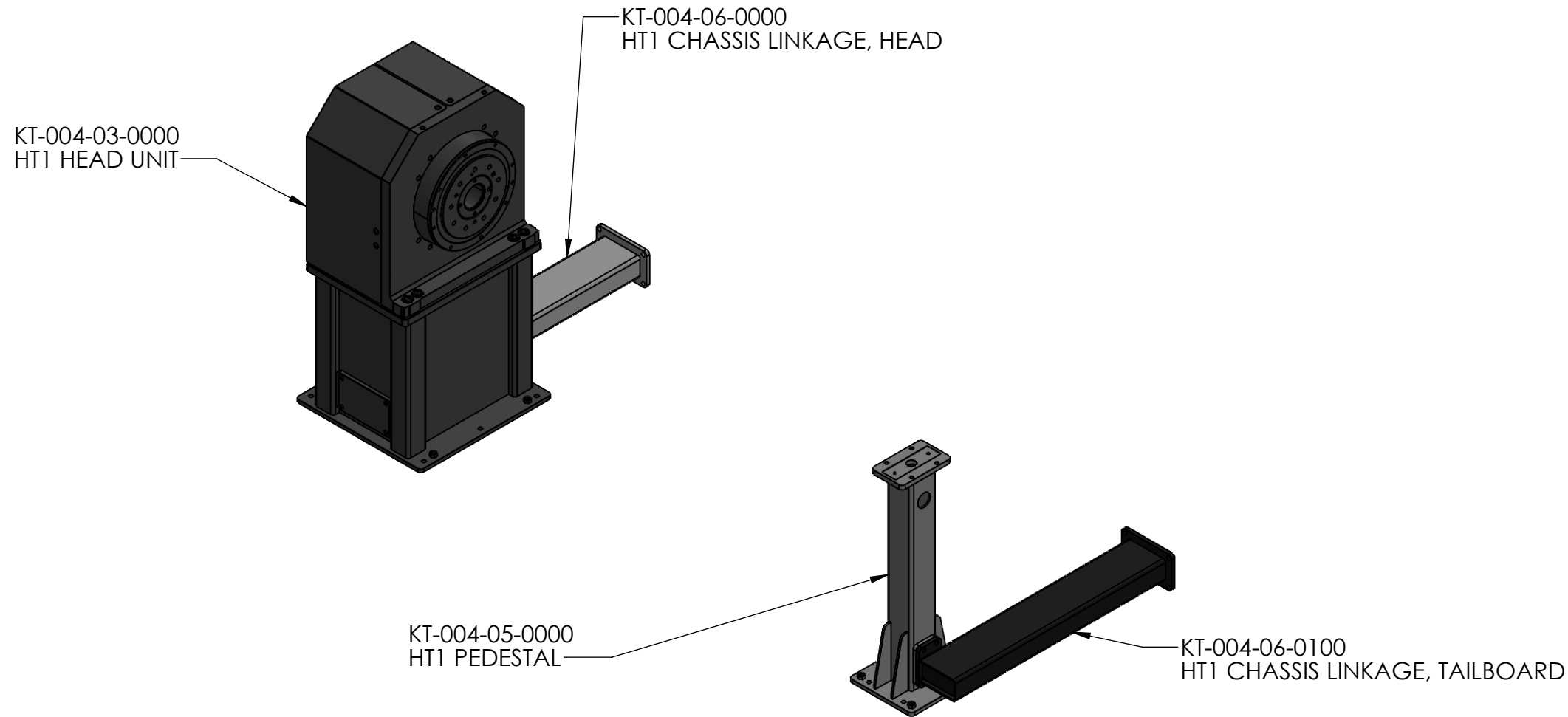
3

2

1

PART NUMBER	DESCRIPTION	QTY.
KT-004-03-0000	HT1 HEAD UNIT	1
KT-004-05-0000	HT1 PEDESTAL	1
KT-004-06-0000	HT1 CHASSIS LINKAGE, HEAD	1
KT-004-06-0100	HT1 CHASSIS LINKAGE, TAILBOARD	1

KINETIC HT1 H-FRAME KIT



KINETIC — TECHNOLOGIES —		DESCRIPTION HT1 H-FRAME CONVERSION		
THIRD ANGLE	DRAWN T PAPPAS	DATE 08/24/2023	SIZE B	DWG. NO. KT-004-12-0000
MATERIAL ----	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS PER ASME Y14.5-2018 TOLERANCES: FRACTIONAL ± .0625 ANGULAR: BEND ± .5 DEG TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005		REV A	SCALE: 1:24
FINISH ----	WEIGHT 1340.47	DO NOT SCALE DRAWING	SHEET 3 OF 3	

4

3

2

1