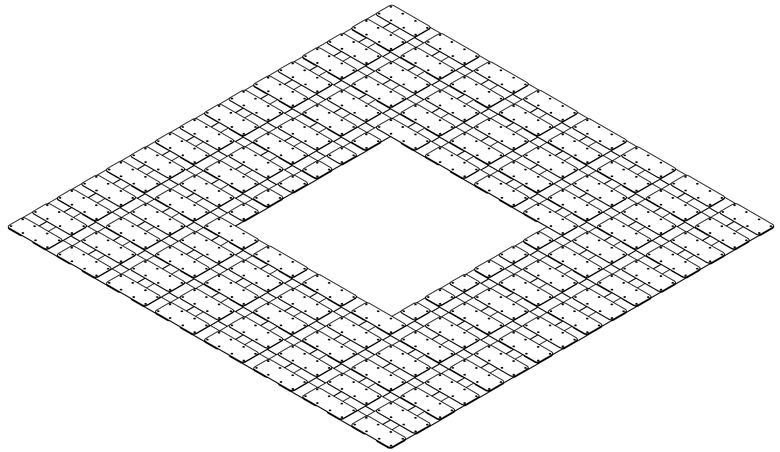
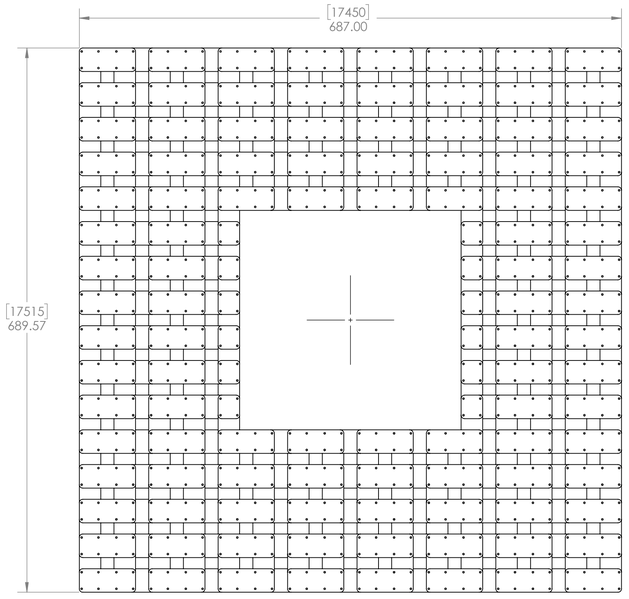
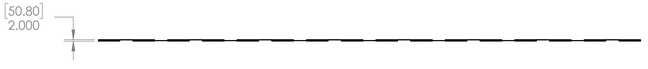
| ITEM NO. | PART NUMBER | DESCRIPTION | WEIGHT | QTY. |
|---|---|---|---|---|
| 1 | Plate connect 1 20210527 w193 | (1/2)[IN] THICK EAST/WEST CONNECTION PLATE | | 198 |
| 2 | Plate connect 2 20210527 w193 | (1/2)[IN] THICK NORTH/SOUTH CONNECTION PLATE | | 198 |
| 3 | Shim Plate conct 1 20210527 w193 | 1[IN] SHIM PLATE | | 4 |
| 4 | Shim Plate conct 1 20210527 w193 | (1/2)[IN] SHIM PLATE | | 80 |






NOTE/S:
FOR PART DIMENSIONS REF K004
CAD IS MASTER

| EXAMPLE AMBIENT TEMP [F] | EXAMPLE AMBIENT TEMP [C] | T6061-T6 dL PER 1000[IN] | T6061-T6 dL PER 1000[mm] |
|---|---|---|---|
| 45.00 | 7.22 | -0.183 | -4.658 |
| 59.00 | 15.00 | 0.0 | 0.0 |
| 86.00 | 30.00 | 0.354 | 8.984 |

EXAMPLE:
LET DIM = 47.125[IN] (T6061-T6)
dL = 0.000013186 - 59)47.125
dL = 0.0167[IN] [0.4234[mm]]

AT 86[F] THE DIMENSION OF THE PART IS 47.125 + 0.0167 47.142[IN]

GALVONIC PROTECTION REQUIRED:
ALUMINIZE TYPE II PREFERRED
GALVANIZE G100 ACCEPTABLE
THERMAL SPRAY AS/FOR ASSEMBLED

UNLESS OTHERWISE SPECIFIED:
TOLERANCES:
DIMENSIONS TAKEN AT 59[F]
DIMENSIONS TAKEN AT 15[C]
FRACTIONAL ±0.13[IN]
ANGULAR: 0.3[DEG]
TWO PLACE DECIMAL ±0.05[IN]
THREE PLACE DECIMAL ±0.005[IN]

VERIFICATION OF COMPONENTS MUST BE PERFORMED WITH TEMPERATURE COMPENSATION

INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5

PARALLEL PLANES MAX 0.002[IN]
FLATNESS MAX 0.002[IN]
FINISH: AS REQUIRED

| | NAME | DATE |
|---|---|---|
| DRAWN | | |
| CHECKED | | |
| ENG APPR. | | |
| MFG APPR. | | |
| Q.A. | | |

GAUGE/S:
DRAWINGS ARE AT 59[F] (15[C]): REFER TO MATERIAL SUPPLIER FOR THERMAL EXPANSION COEFFICIENT (CTE)
dL(ENG) = (DIM)*(CTE)(/R)*(TEMP-59)
dL(SI) = (DIM)*(CTE)(/K)*(TEMP-15)
***TOLERANCES DO NOT CHANGE

CREO DESIGNS, ENG DPT

TITLE: GLORIOUS CROSS
W14x193 CONNECTION PLATE ARRAY - 1

| SIZE | DWG. NO. | REV |
|---|---|---|
| D | K - 005 | 1 |

SCALE: 1:96 | SHEET 1 OF 1