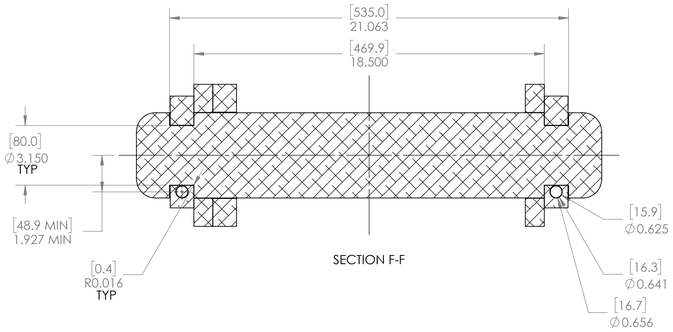
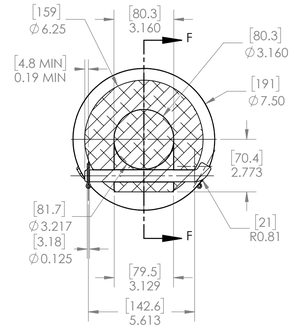
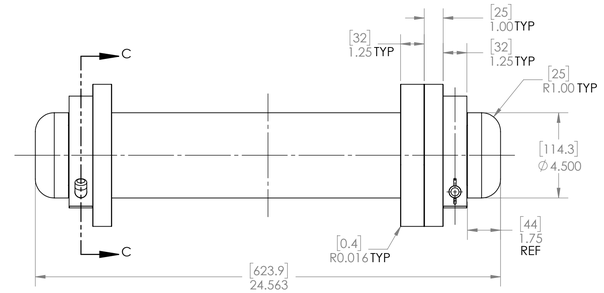
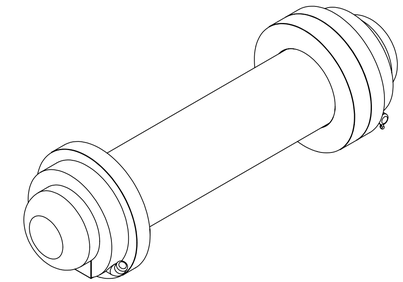


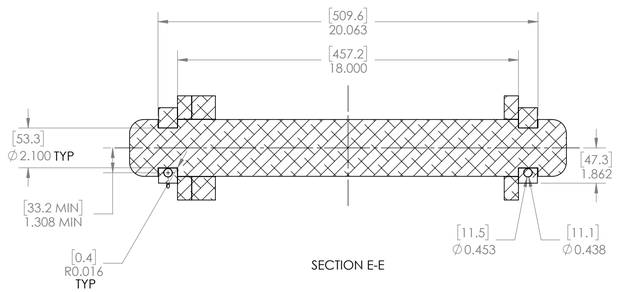
SECTION F-F



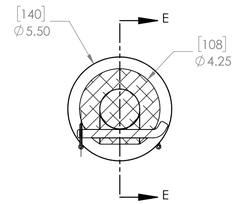
REF SECTION A
SECTION C-C







SECTION E-E



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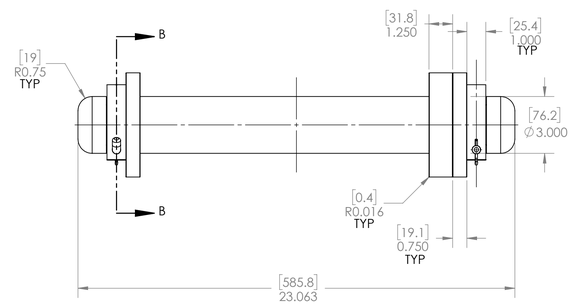
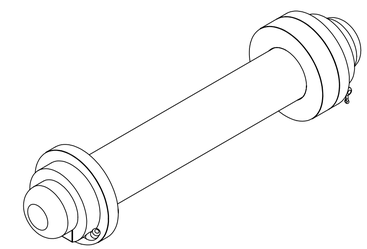
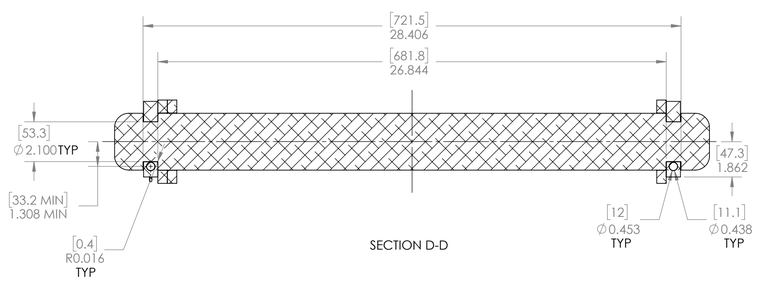
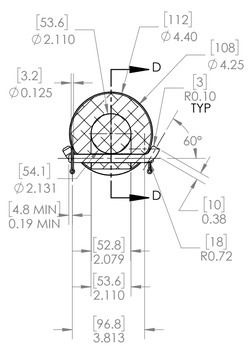
SECTION B-B



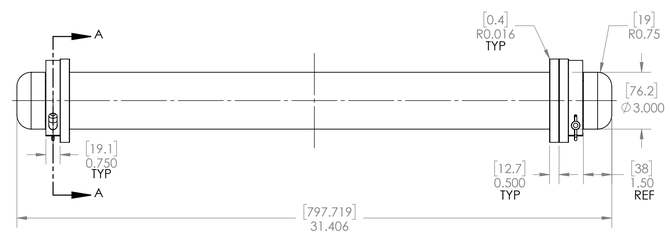


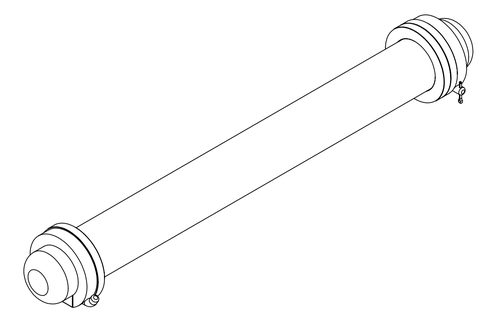


SECTION D-D



SECTION A-A





PIN: 3.000[IN] X 31.406[IN]

ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT	QTY.
1	Rod connect 18 20200928 LowL1			1
2	Clevis key 2 20200910 LowL1			2
3	Bent pin key 2 20200910 LowL1			2
4	98450A774	1[IN] AL COTTER PIN		2
5	Clevis block 2 20200910 LowL1			2
6	Clevis wash 7 20200928 LowL1			3

PIN: 3.000[IN] X 23.063[IN]

ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT	QTY.
1	Rod connect 15 20200915 LowL1			1
2	Clevis key 3 20200915 LowL1			2
3	Bent pin key 2 20200910 LowL1			2
4	98450A774	1[IN] AL COTTER PIN		2
5	Clevis block 3 20200915 LowL1			2
6	Clevis wash 3 20200915 LowL1			2
7	Clevis wash 5 20200920 LowL1			1

PIN: 4.500[IN] X 24.563[IN]

ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT	QTY.
1	Rod connect 16 20200915 LowL1			1
2	Clevis key 4 20200915 LowL1			2
3	98450A774	1[IN] AL COTTER PIN		2
4	Clevis wash 4 20200915 LowL1			2
5	Bent pin key 4 20200915 LowL1			2
6	Clevis block 4 20200915 LowL1			2
7	Clevis wash 6 20200925 LowL1			1

NOTE/S:
DEFINITION:
INT = INTERSECTION
NO SHARP EDGES/CORNERS
AL, T6061-T6, Sy 40[KSI] MIN
AL, ALLOY, Sy 40[KSI] MIN
CLASS B, AS-BUILT
ON-SITE MILLING TO ACHIEVE
MINIMUM ASSEMBLY GAP OF 0.05[IN]
CAD/DATA IS MASTER

EXAMPLE: AMBIENT TEMP [F]	EXAMPLE: AMBIENT TEMP [C]	T6061-T6 LBL PER 1000[IN]	T6061-T6 LBL PER 1000[mm]
45.00	7.22	-0.183	-4.648
59.00	15.00	0.0	0.0
86.00	30.00	0.354	8.984

EXAMPLE:
LET DMA = 47.125[IN] (T6061-T6)
dL = 0.000013[1/Ø6 - 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 PREFERED
GALVINIZE G100 ACCEPTABLE
THERMAL SPRAY AS/FOR ASSEMBLED

UNLESS OTHERWISE SPECIFIED:
TOLERANCES:
DIMENSIONS TAKEN AT 59[F]
DIMENSIONS TAKEN AT 15[C]
FRACTIONAL±0.13[%]
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 0.0020[IN]
FINISH: AS REQUIRED

GAUGE/S:
DRAWINGS ARE AT 59[F] (15[C]): REFER TO MATERIAL SUPPLIER FOR THERMAL EXPANSION COEFFICENT (CTE)
dL(ENG) = (DIM)*(CTE(1/R))*(TEMP-59)
dL(SI) = (DIM)*(CTE(1/K))*(TEMP-15)
***TOLERANCES DO NOT CHANGE

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

CREO DESIGNS, ENG DPT

TITLE: GLORIOUS CROSS

INT - C126 BASE/BRACE
ARM-PINS - 1

SIZE	DWG. NO.	REV
D	M - 016	1

SCALE: 1:4 | SHEET 1 OF 1