



NOTE/S:
DEFINITION:
INT = INTERSECTION
NO SHARP EDGES/CORNERS
W14/W10, ASTM A913 G65, Sy 65[KSI]
W6-BEAMS, Sy 42[KSI] (PERF A572 G42)
C6-BEAMS, Sy 36[KSI]
AL, T6061-T6, Sy 40[KSI] MIN
AL, ALLOY, Sy 40[KSI] MIN
PLATE/S AISI 1045, Sy 75[KSI] (MIN)
ALUMINIZATION TYPE II (PREF)
GALVINIZE ASTM A123 G100 ACCPTABLE
MASKING OF MATING SURFACES
OIL-SHEEN, SAE 50+, PRIOR TO ASM
NO AGGLOMERATION OF OIL
AL/ALLOY TO STEEL INTERFACE, POLYMER FILM OR OTHER
MINIMIZE/NEUTRALIZE IONIC EXCHANGE
BOLT/S ASM G8
CLASS B, AS-BUILT
CAD/DATA IS MASTER

EXAMPLE	EXAMPLE	16061-16	16061-16	UNLESS OTHERWISE SPECIFIED:		NAME	DATE
AMBIENT	AMBIENT	16061-16	16061-16	TOLERANCES:			
TEMP	TEMP	16061-16	16061-16	DIMENSIONS TAKEN AT 59[F]			
[F]	[C]	[F]	[C]	DIMENSIONS TAKEN AT 15[C]			
45.00	7.22	-0.183	-4.658	FRACTIONAL ±0.131[F]			
59.00	15.00	0.0	0.0	ANGULAR: 0.31[DEG]			
64.00	30.00	0.354	8.984	TWO PLACE DECIMAL ±0.053[F]			
				THREE PLACE DECIMAL ±0.053[F]			
EXAMPLE:				VERIFICATION OF COMPONENTS			
LET DIM = 47.125[F]	(16061-16)			MUST BE PERFORMED WITH			
dl = 0.00031384	-39.647.155			TEMPERATURE COMPENSATION			
dl = 0.0167[F]	(0.4234[mm])			INTERPRET GEOMETRIC			
AT 84[F]	THE DIMENSION OF THE PART			TOLERANCING PER: ASME Y14.5			
IS 47.125	± 0.0167	± 0.4234		PARALLEL PLANES MAX 0.002[F]			
				FLATNESS MAX 0.002[F]			
				FINISH: AS REQUIRED			

CREO DESIGNS, ENG DPT			
TITLE: GLORIOUS CROSS			
INT - C139 UPPER LEFT CORNER BASE PLATE			
SIZE	DWG. NO.	REV	
D	M - 045	1	
SCALE: 1:8			SHEET 1 OF 1