

NOTE FOR MATERIAL:  
ASTM F436 TYPE 1 MODIFIED, THROUGH-QUENCHED  
AND TEMPERED, 42-48 HRC

MATERIAL SHALL BE AN ALLOY STEEL, AS  
DEFINED BY ASTM A941. NON-ALLOY STEELS  
ARE NOT PERMITTED.

MAXIMUM ECCENTRICITY = .020 INCHES  
MAXIMUM OUT OF FLATNESS = .010 INCHES  
SURFACE FINISH ON INSIDE DIAMETER, OUTSIDE DIAMETER = AS PUNCHED  
MAXIMUM PARALLELISM BETWEEN TOP AND BOTTOM SURFACES = .005 INCHES  
HEAT TREAT TO ROCKWELL C42-48 HARDNESS

IF MFG BY GE COMPANY HEAT TREAT PER FOLLOWING:  
B4E6A STEEL (AISI-1095) PER MFG PROCESS P10F-EP7  
B4C1A STEEL (AISI-1045) PER MFG PROCESS P10C15

THIS DRAWING, WHICH CONTAINS PROPRIETARY INFORMATION, IS THE PROPERTY OF GENERAL  
ELECTRIC COMPANY. IT SHALL NOT BE REPRODUCED IN ANY MANNER NOR DISCLOSED TO  
THIRD PARTIES WITHOUT WRITTEN PERMISSION OF GENERAL ELECTRIC COMPANY.

NOTE FOR FINISH PLATING:  
(FINISH F75B2B2)  
ZINC .0002 MECHANICAL PLATING WITH  
A YELLOW CHROMATE CONVERSION COATING.

(FINISH F70B4A2)  
BRIGHT ZINC .0002 ELECTROPLATE WITH  
SULFURIC ACID-SODIUM DICHROMATE TREATMENT.

DRAFTING NOTE: 3D UG MODEL EXISTS FOR P1,P2,  
P6,P7,P9,P11,P12,P14,P18,P20,P21,P22,P31,P33,  
P35,P36,P37,P39,P40,P42,P43,P45,46,P47,P48,P49  
P50,P51,53,54,P55,P56,P57,P58,P59, P60,P61,P62  
P63,P64,P65,P66,P67,P68 & P69.

DWG NO 41B537660 SH 1

REVISION HISTORY

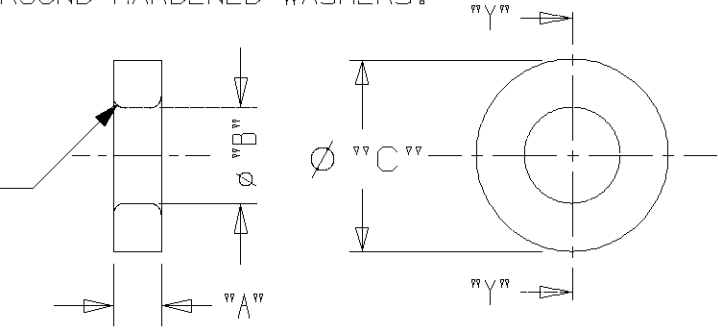
REV	DATE	DRAFTER ENGINEER	CO #. IN # DESCRIPTION
BE	08-NOV-2018	YASHASWINI BRITTANY FISHER	ECN-204699-01 MATERIAL NOTE UPADTED
BF	03-MAY-2019	ARUN V PATIL, LAVANGOUDA	ECN-221654-01 PART 76 ADDED

ENGINEERING NOTE:  
FOR TIGHTER FLATNESS REQUIREMENTS (TO DISTRIBUTE  
LOADS UNDER THE BOLT HEAD), SUCH AS FOR ROTATING  
PARTS AND/OR HIGH BOLTING FORCES, USE 84C633020,  
GROUND HARDENED WASHERS.

PART NO.	FIG. NO.	BOLT SIZE	"A" +.000 -.010	"B"	"C"	"D"	FINISH PLATING PER	CURRENT REVISION
1	I	.375	.090	.435 ±.005	.675 ±.008	-----	F75B2B2	BB
2	I	.375	.125	.435 ±.005	1.188 ±.008	-----	F75B2B2	BB
3	I	.4375	.125	.498 ±.005	.760 ±.008	DO NOT USE P3, USE 41B537660P4		
4	I	.4375	.125	.498 ±.005	.760 ±.008	-----	F75B2B2	BB
5	I	.500	.090	.562 ±.005	.938 ±.008	DO NOT USE P5, USE 41B537660P6		
6	I	.500	.090	.562 ±.005	.938 ±.008	-----	F75B2B2	BB
7	I	.500	.200	.562 ±.005	1.250 ±.020	-----	F75B2B2	BB
8	I	.625	.125	.725 ±.005	1.000 ±.008	DO NOT USE P8, USE 41B537660P9		
9	I	.625	.125	.725 ±.005	1.000 ±.008	-----	F75B2B2	BB
10	I	.625	.187	.725 ±.005	1.250 ±.020	DO NOT USE P10, USE 41B537660P11		
11	I	.625	.187	.725 ±.005	1.250 ±.020	-----	F75B2B2	BB
12	I	.625	.312	.725 ±.005	2.000 ±.020	-----	NONE	BB
13	I	.750	.125	.850 ±.005	1.188 ±.008	DO NOT USE P13, USE 41B537660P14		
14	I	.750	.125	.850 ±.005	1.188 ±.008	-----	F75B2B2	BB
15	I	.750	.210	.850 ±.005	1.375 ±.020	DO NOT USE P15, USE 41B537660P16		
16	I	.750	.210	.850 ±.005	1.375 ±.020	-----	F75B2B2	BB
17	2	.750	.500	.780 ±.005	4.000 ±.060	.870 ±.008	NONE	BB
18	I	.875	.210	.968 ±.005	1.375 ±.020	-----	NONE	BB
19	2	.875	.210	.968 ±.005	1.750 ±.020	1.015 ±.008	NONE	BB
20	2	1.000	.240	1.063 ±.008	2.000 ±.020	1.203 ±.008	NONE	BB
21	2	1.000	.240	1.063 ±.008	2.000 ±.020	1.203 ±.008	F75B2B2	BB
22	2	1.250	.220	1.313 ±.008	2.500 ±.020	1.453 ±.008	NONE	BB
23	2	1.500	.280	1.563 ±.008	2.625 ±.020	1.703 ±.008	NONE	BB
24	I	1.500	.375	1.563 ±.008	3.000 ±.020	-----	F75B2B2	BB
25	2	.875	.210	.968 ±.008	1.375 ±.020	1.015 ±.008	NONE	BB
26	I	.625	.125	.725 ±.005	1.000 ±.008	-----	NONE	BB

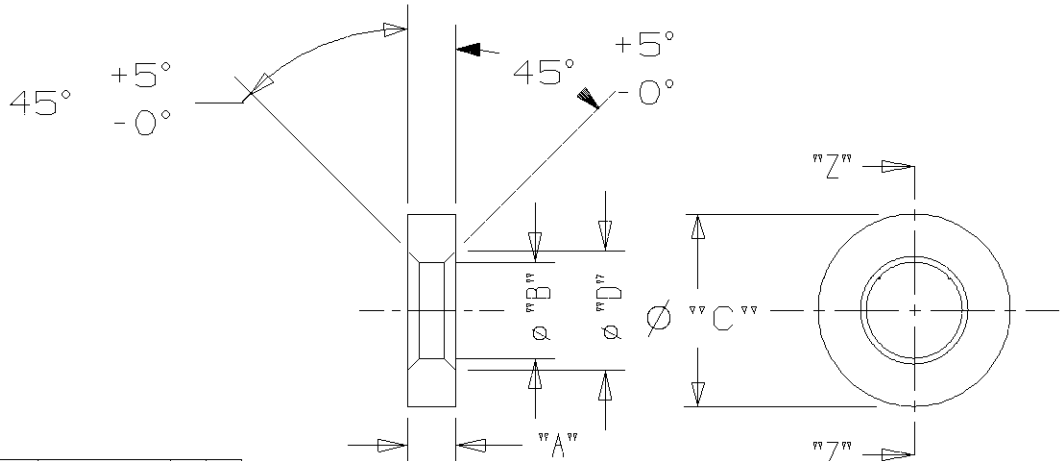
DRAFTING PRACTICES ON THIS DRAWING CONFORM TO THE 84A222563  
SERIES OF DOCUMENTS BASED ON ASME Y14.5 1994 & Y14.100 2004

BREAK SHARP  
EDGES BOTH  
SIDES.  
.005-.020



SECTION "Y-Y"

FIGURE 1



SECTION "Z-Z"

FIGURE 2

REV STATUS OF SHEET	REVISION SHEET	BB	BF
		2	3

DIMENSIONS ARE IN INCHES (X,X) IN MILLIMETERS	CTQ SYMBOL: $\ominus$	CTQ'S PRESENT? NO
UNLESS OTHERWISE SPECIFIED, TOLERANCES PER 84A226035-C	CTQ LOCATIONS: X	
PLAN REF NONE FCF RY STANDARD	GE TRANSPORTATION ERIE, PA	
SIGNATURES	DATE	TITLE
DRAWN R.L.KACPROWICZ	09-JAN-1985	HARDENED WASHER
ISSUED K.MARDSEN	08-AUG-1997	FIRST MADE FOR PROPULSION EQUIPMENT X
ENGRG D.C.WALKER	DWG NO 41B537660	CONT ON SHEET 2 SH NO 1