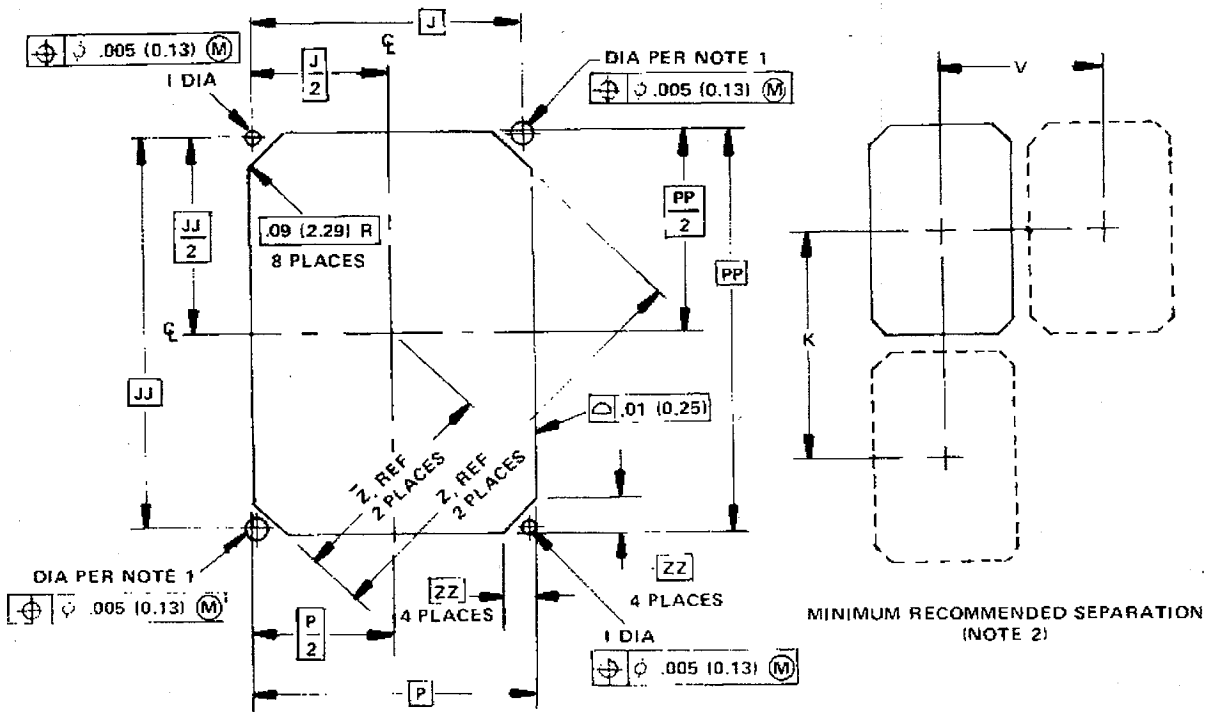


ATTACHMENT 7
 PANEL CUTOUTS
 FLANGELESS SQUARE AND RECTANGULAR CASES



NOTES:

1. "N" DIA FOR CLAMP JACKING SCREWS, "I" DIA FOR ADAPTER PLATE AND MOORING PLATE MOUNTING.
2. MINIMUM RECOMMENDED MOUNTING SEPARATION FOR TWO DISSIMILAR CASE SIZES EQUALS THE ARITHMETIC AVERAGE OF THE TWO APPROPRIATE K'S OR V'S, WHICHEVER IS APPLICABLE. THIS IS NOT BINDING AND IS PROVIDED FOR INFORMATION ONLY. SEE PARAGRAPH 3.4.3.1.
3. FOR RECTANGULAR CASES MOUNTED HORIZONTALLY, ROTATE THE CUTOUT 90 DEGREES.
4. DIMENSIONS IN PARENTHESES ARE MILLIMETERS.
5. INTERPRET PER ANSI Y14.5-1973.

**ATTACHMENT 7
 PANEL CUTOUTS
 FLANGELESS SQUARE AND RECTANGULAR CASES
 (CONTINUED)**

ITEM	TOL	ATI CASE SIZE												
		1 X 2	1.5 X 3	1.5 X 4	2	2 X 4	3	3 X 4	4	4 X 5	5	5 X 6	6	
I	±.005 (±0.13)	0.177 (4.50)	0.177 (4.50)	0.177 (4.50)	0.177 (4.50)	0.177 (4.50)	0.177 (4.50)	0.177 (4.50)	0.177 (4.50)	0.177 (4.50)	0.203 (5.16)	0.203 (5.16)	0.228 (5.79)	0.228 (5.79)
J	-	0.863 (21.92)	1.340 (34.04)	1.340 (34.04)	2.080 (52.83)	2.060 (52.32)	3.060 (77.72)	3.060 (77.72)	3.860 (98.04)	3.810 (96.77)	4.810 (122.17)	4.810 (122.17)	5.810 (147.57)	5.810 (147.57)
JJ	-	2.080 (52.83)	3.060 (77.72)	3.860 (98.04)	2.080 (52.83)	3.860 (98.04)	3.060 (77.72)	3.860 (98.04)	3.860 (98.04)	4.810 (122.17)	4.810 (122.17)	5.810 (147.57)	5.810 (147.57)	5.810 (147.57)
K	REF	2.435 (61.85)	3.435 (87.25)	4.235 (107.57)	2.435 (61.85)	4.235 (107.57)	3.435 (87.25)	4.235 (107.57)	4.235 (107.57)	5.235 (132.97)	5.235 (132.97)	6.235 (158.37)	6.235 (158.37)	6.235 (158.37)
N	±.005 (±0.13)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.228 (5.79)	0.257 (6.53)	0.257 (6.53)	0.257 (6.53)
P	-	1.000 (25.40)	1.500 (38.10)	1.500 (38.10)	2.210 (56.13)	2.210 (56.13)	3.210 (81.53)	3.210 (81.53)	4.010 (101.85)	4.010 (101.85)	5.010 (127.25)	5.010 (127.25)	6.010 (152.65)	6.010 (152.65)
PP	-	2.210 (56.13)	3.210 (81.53)	4.010 (101.85)	2.210 (56.13)	4.010 (101.85)	3.210 (81.53)	4.010 (101.85)	4.010 (101.85)	5.010 (127.25)	5.010 (127.25)	6.010 (152.65)	6.010 (152.65)	6.010 (152.65)
V	REF	1.218 (30.94)	1.717 (43.61)	1.717 (43.61)	2.435 (61.85)	2.435 (61.85)	3.435 (87.25)	3.435 (87.25)	4.235 (107.57)	4.235 (107.57)	5.235 (132.97)	5.235 (132.97)	6.235 (158.37)	6.235 (158.37)
Z	REF	0.838 (21.29)	1.352 (34.34)	1.636 (41.55)	1.268 (32.21)	1.890 (48.01)	1.960 (49.78)	2.243 (56.97)	2.525 (64.14)	2.845 (72.26)	3.198 (81.23)	3.527 (89.59)	3.880 (98.55)	3.880 (98.55)
Z	REF	1.676 (42.57)	2.705 (68.71)	3.271 (83.08)	2.535 (64.39)	3.781 (96.04)	3.920 (99.57)	4.486 (113.94)	5.050 (128.27)	5.690 (144.53)	6.395 (162.43)	7.054 (179.17)	7.760 (197.10)	7.760 (197.10)
ZZ	-	0.420 (10.67)	0.442 (11.23)	0.442 (11.23)	0.417 (10.59)	0.436 (11.07)	0.438 (11.13)	0.438 (11.13)	0.439 (11.15)	0.487 (12.37)	0.488 (12.40)	0.522 (13.26)	0.523 (13.28)	0.523 (13.28)
MTG SCREW J DIA	UNC 2A	6-32	6-32	6-32	6-32	6-32	6-32	6-32	6-32	8-32	8-32	10-32	10-32	10-32
JACKING SCREW N DIA	UNC 2A	8-32	8-32	8-32	8-32	8-32	8-32	8-32	8-32	8-32	8-32	10-32	10-32	10-32