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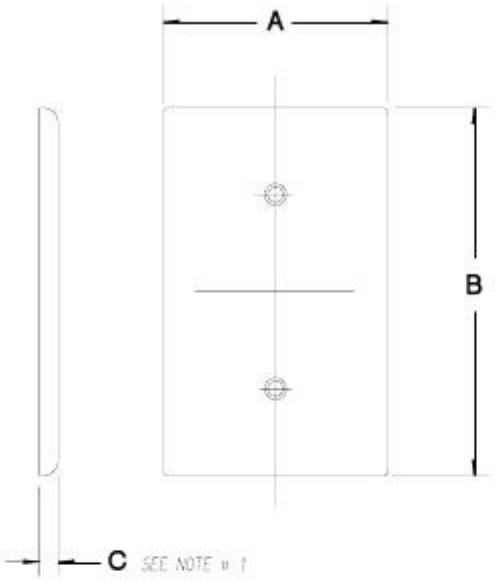
Introduction

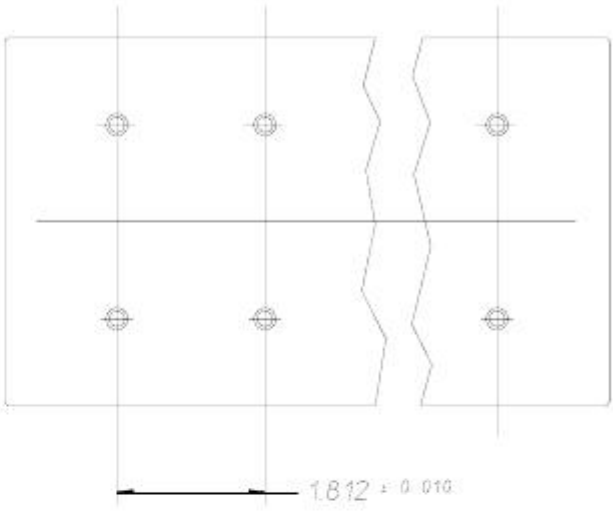
Throughout this publication the following shall apply:

1. All dimensions are in inches, unless otherwise specified.
2. Decimal dimensions without tolerances shall be subject to a plus or minus 0.005-inch tolerance.
3. Angular dimensions without tolerances shall be subject to a plus or minus 1 degree tolerance.
4. "G" denotes equipment ground.
5. "W" denotes system ground.
6. Leading edges of plug blades shall be free of burrs and sharp edges.
7. All slots and slot tolerances are symmetrically located about centerlines.
8. Female contacts associated with plug blades that are 0.125 minimum longer than other blades are engaged prior to the other female contacts.
9. Configurations utilized on alternating current systems are limited to 50 or 60 Hertz, unless otherwise specified.
10. Dimensions shown in these standards are for the purpose of interchangeability, and do not preclude other designs.
11. The electrical ratings of the configurations in these standards are AC and DC, unless specifically stated 'AC' or 'DC.

DIMENSIONAL SPECIFICATIONS FOR WALLPLATES



SINGLE-GANG WALLPLATE
OVERALL DIMENSIONS



MULTIGANG WALLPLATE HORIZONTAL HOLE SPACING.
FOR VERTICAL HOLE SPACING SEE PAGE 3.

REFERENCE	MATERIAL	STANDARD DIMENSIONS	
		MIN	MAX
A	ALL	2.740	—
B	ALL	4.490	—

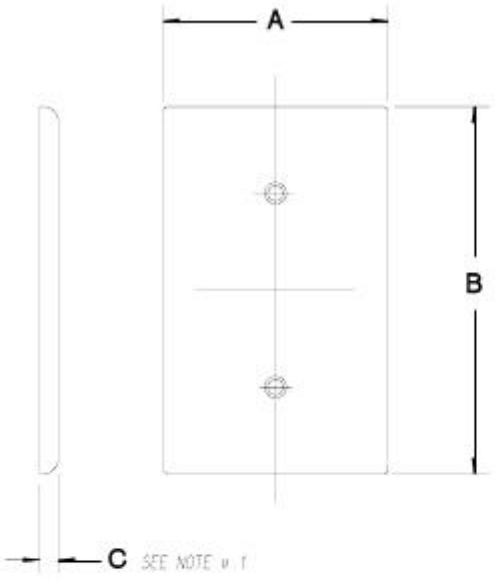
NOTES:

1- THE DEPTH IS DEFINED IN ACCORDANCE TO THE APPLICABLE INSTALLATION CODE BY THE AUTHORITY HAVING JURISDICTION. DECORATIVE CONTOURS SHOULD NOT PRECLUDE THE FLUSH SEATING OF A PLUG INTO A RECEPTACLE.

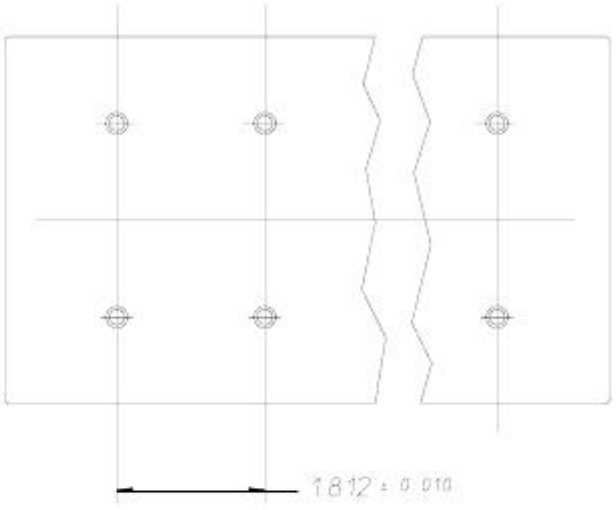
2- PLATE MOUNTING HOLES TO BE COUNTER-SUNK FOR # 6-32 UNC, OVAL HEAD MACHINE SCREW.

3- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

DIMENSIONAL SPECIFICATIONS FOR WALLPLATES USED ON 347 V SWITCH DEVICES



SINGLE-GANG WALLPLATE
OVERALL DIMENSIONS



MULTIGANG WALLPLATE HORIZONTAL HOLE SPACING.
FOR VERTICAL HOLE SPACING SEE PAGE 3.

REFERENCE	MATERIAL	STANDARD DIMENSIONS	
		MIN	MAX
A	ALL	3.120	—
B	ALL	4.870	—

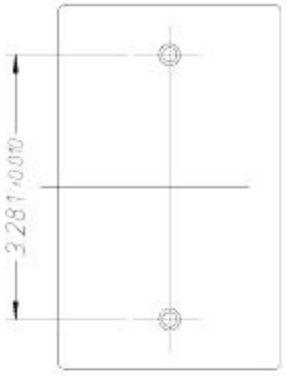
NOTES:

1- THE DEPTH IS DEFINED IN ACCORDANCE TO THE APPLICABLE INSTALLATION CODE BY THE AUTHORITY HAVING JURISDICTION. DECORATIVE CONTOURS SHOULD NOT PRECLUDE THE FLUSH SEATING OF A PLUG INTO A RECEPTACLE.

2- PLATE MOUNTING HOLES TO BE COUNTER-SUNK FOR # 6-32 UNC, OVAL HEAD MACHINE SCREW.

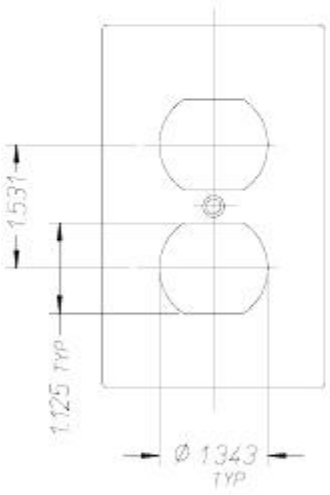
3- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

MOUNTING AND CUT-OUT DIMENSIONS

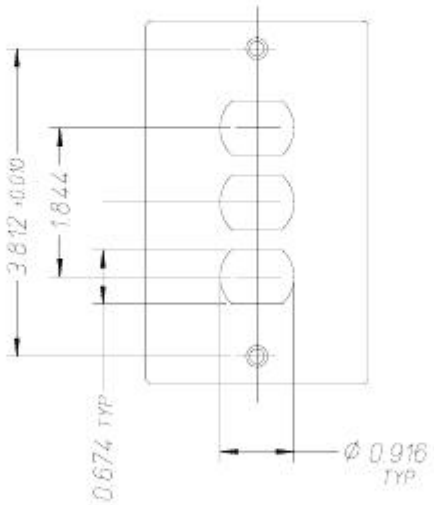


BOX MOUNT BLANK PLATE
(SEE NOTE # 3)

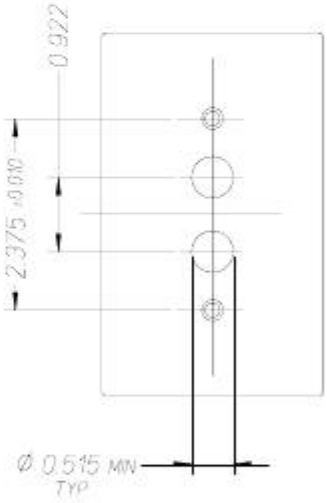
YOKE MOUNT BLANK PLATE
(SEE NOTE # 3)



DUPLEX DEVICE



INTERCHANGEABLE
DEVICE



TWO BUTTON
PUSH SWITCH

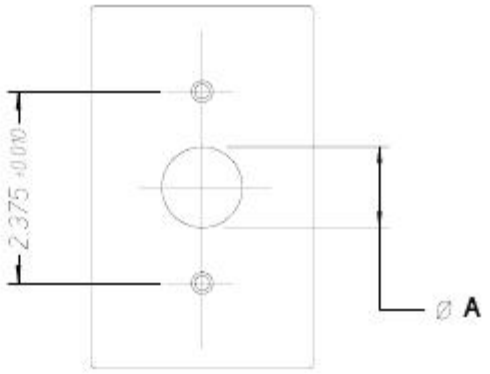
NOTES:

1- PLATE MOUNTING HOLES TO BE COUNTER-SUNK FOR # 6-32 UNC, OVAL HEAD MACHINE SCREW.

2- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

3- BLANK PLATES MAY BE PROVIDED WITH KNOCK-OUTS.

WALLPLATE DIMENSIONS FOR ROUND FACE DEVICES



NOMINAL DIAMETER	DEVICE FACE DIAMETER		WALLPLATE OPENING (Ø A)	
	MIN	MAX	MIN	MAX
1	0.968	1.000	1.009	1.025
1 1/8	1.093	1.125	1.134	1.150
1 1/4	1.205	1.235	1.245	1.263
1 3/8	1.360	1.390	1.396	1.414
1 9/16	1.550	1.580	1.586	1.604
1 5/8	1.610	1.640	1.646	1.664
1 11/16	1.675	1.705	1.711	1.729
2 1/8	2.093	2.125	2.140	2.156
2 1/4	2.218	2.250	2.265 *	2.281 *
2 7/16	2.405	2.437	2.452 *	2.468 *

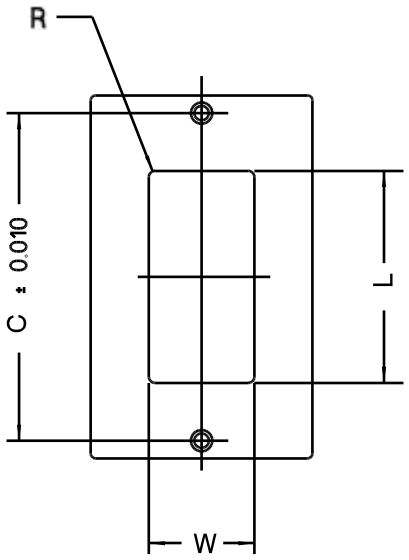
NOTES:

1- PLATE MOUNTING HOLES TO BE COUNTER-SUNK FOR # 6-32 UNC, OVAL HEAD MACHINE SCREW.

2- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

3- DIMENSIONS WITH ASTERISK (*) APPLY TO MULTIGANG PLATES ONLY.

WALLPLATE DIMENSIONS
FOR RECTANGULAR FACE DEVICES



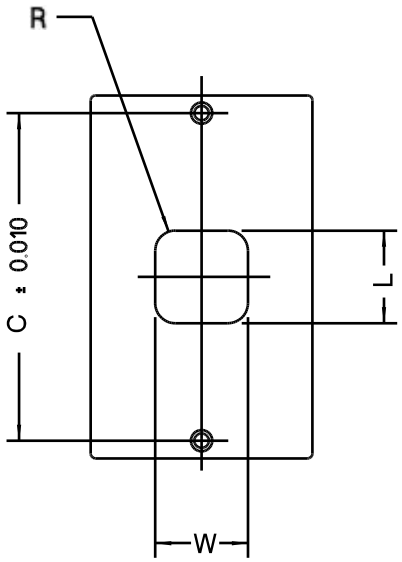
W MIN	L MIN	R	C	APPLICATION (DEVICE FACE)
1.310	2.630	0.079	4.062	1.300 MAX W x 2.620 MAX L (347 V SWITCH)
1.310	2.630	0.094	3.812	1.300 MAX W x 2.620 MAX L

NOTES:

1- PLATE MOUNTING HOLES TO BE COUNTER-SUNK FOR # 6-32 UNC, OVAL HEAD MACHINE SCREW.

2- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

WALLPLATE DIMENSIONS FOR TELEPHONE DEVICES



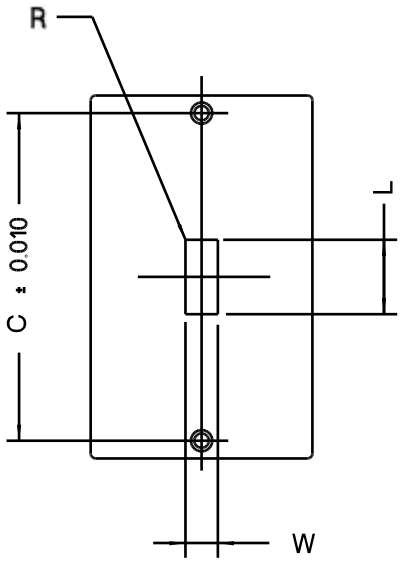
W MIN	L MIN	R	C	APPLICATION (DEVICE FACE)
1.150	1.150	0.250	2.375	1.140 MAX W x 1.140 MAX L

NOTES:

1- PLATE MOUNTING HOLES TO BE COUNTER-SUNK FOR # 6-32 UNC, OVAL HEAD MACHINE SCREW.

2- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

WALLPLATE DIMENSIONS
FOR TOGGLE SWITCH DEVICES



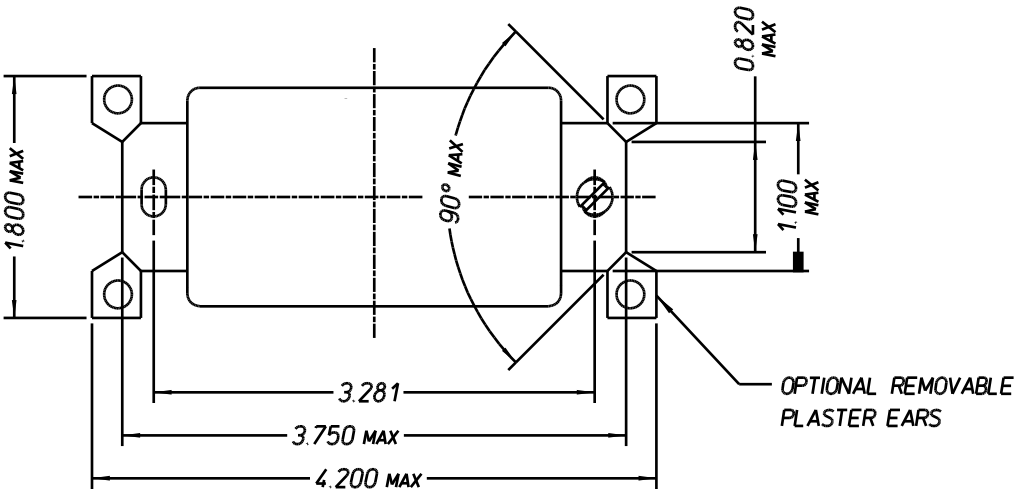
W MIN	L MIN	R	C	APPLICATION
0.401	0.925	0.000	2.375	120 V TO 600 V

NOTES:

1- PLATE MOUNTING HOLES TO BE COUNTER-SUNK FOR # 6-32 UNC, OVAL HEAD MACHINE SCREW.

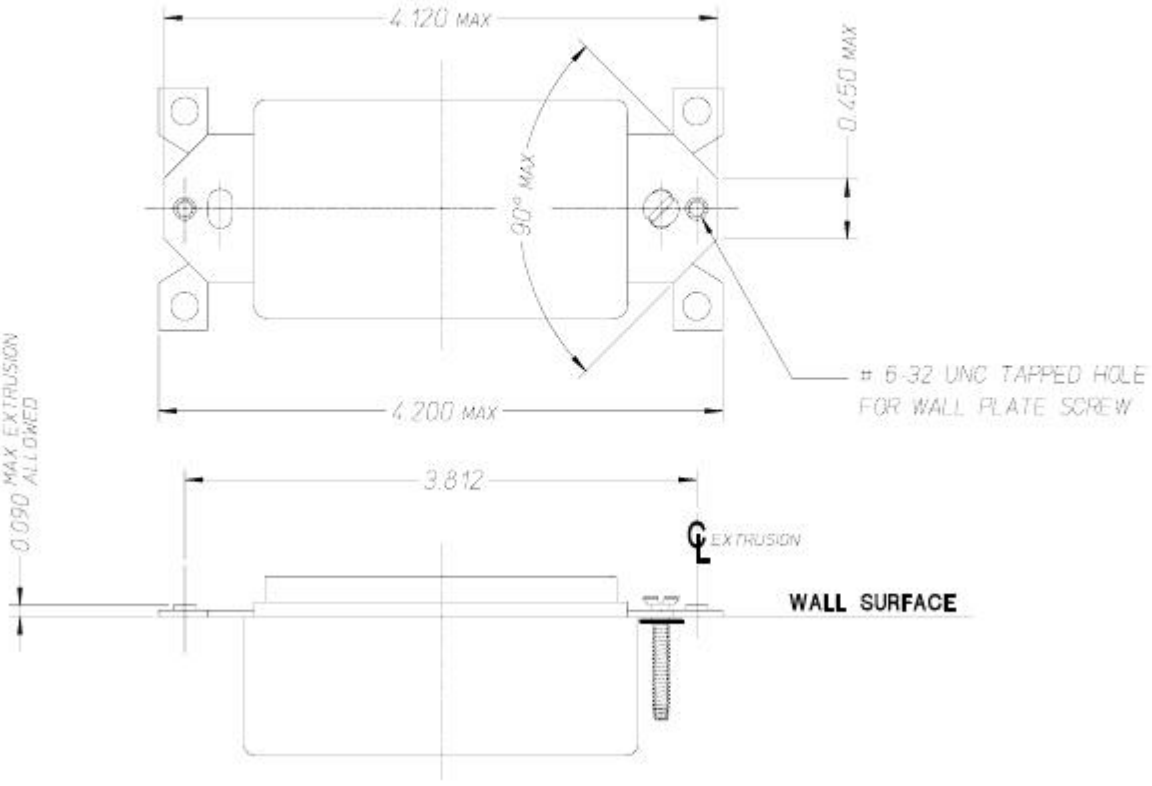
2- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

YOKE DIMENSIONS OF RECEPTACLES AND SWITCHES FOR BOX MOUNTING

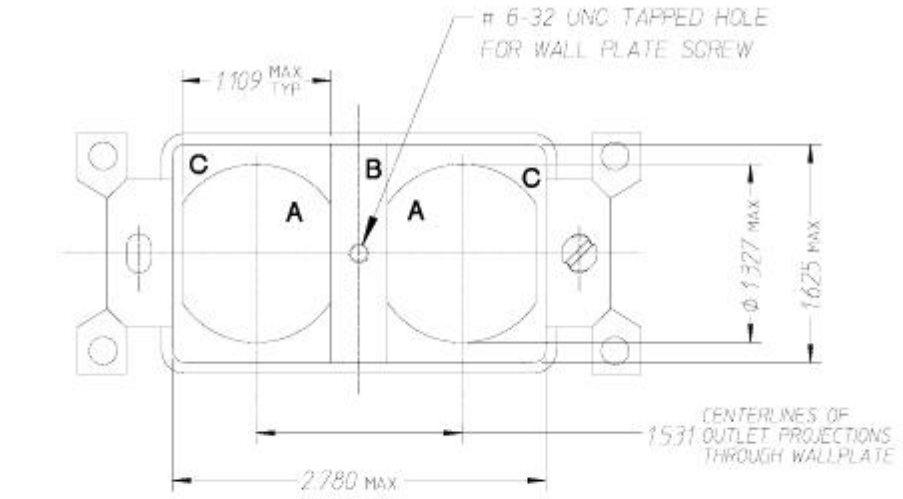


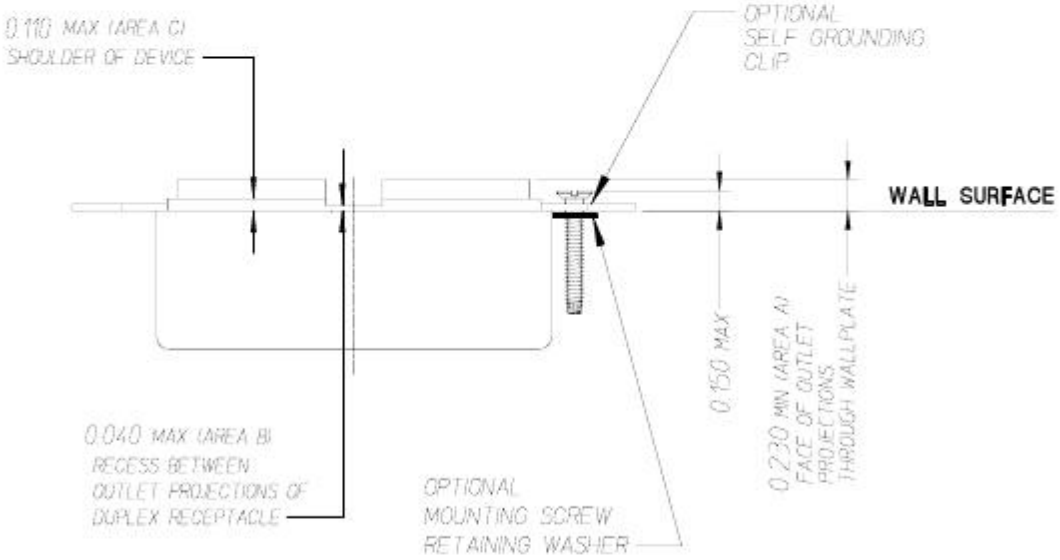
ALTERNATE YOKE CONSTRUCTION

OTHER DIMENSIONS SAME AS ABOVE



DIMENSIONS FOR FLUSH MOUNT DUPLEX DEVICES
RECEPTACLES, COMBINATION SWITCHES, ETC...

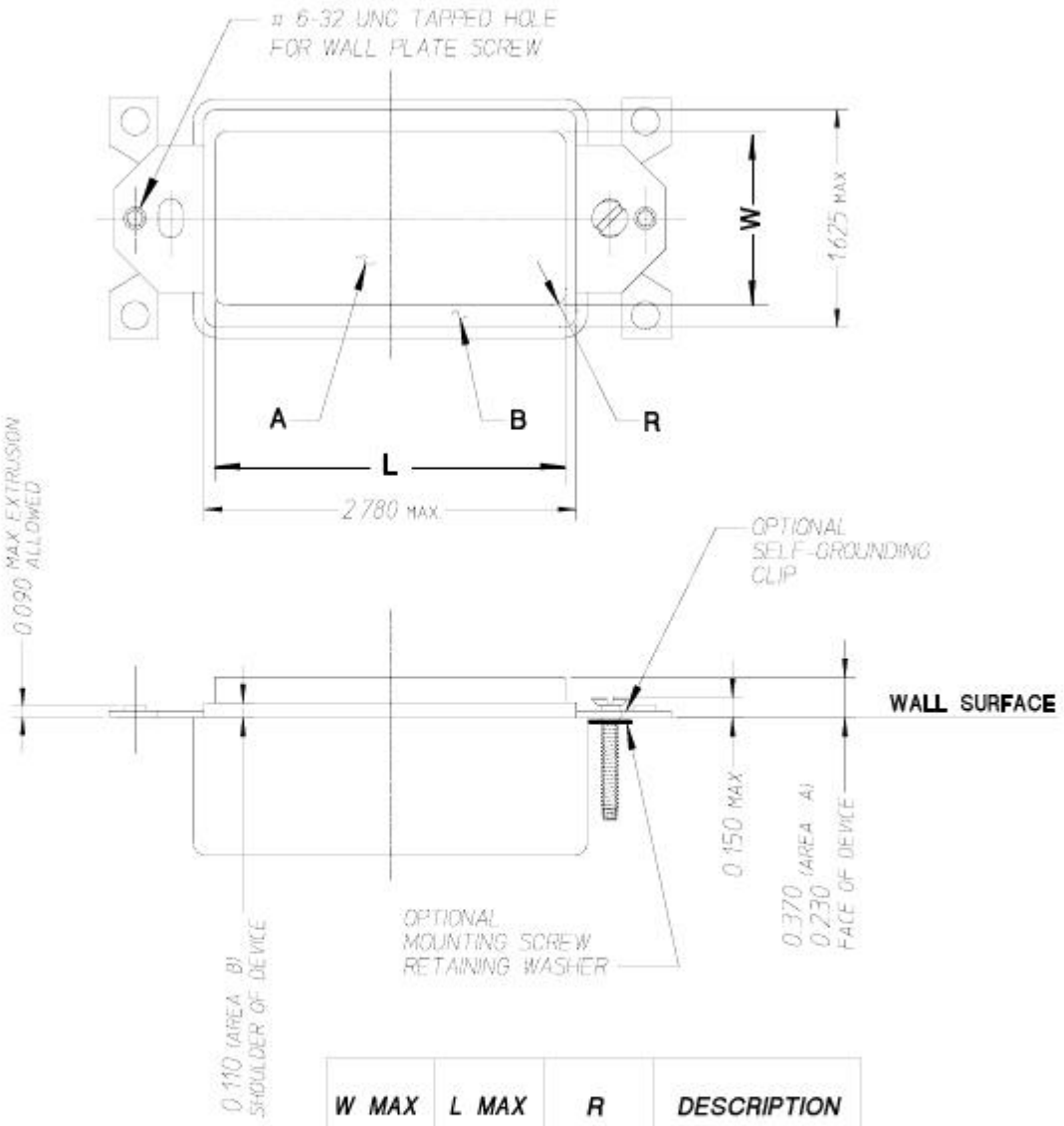




NOTES:

1. SEE PAGE 8 FOR YOKE DIMENSIONS.
2. CENTER LINE SPACING OF DUPLEX OUTLET FACE CONFIGURATIONS LISTED IN NOTE # 3 TO BE 1.531 MIN.
3. TYPICAL DUPLEX RECTANGULAR STYLE CONFIGURATIONS ARE:
   1-15, 5-15, 5-20, 6-15, 6-20, 7-15 , L1-15, L2-20, L5-15, L6-15, L7-15, L11-15

DIMENSIONS FOR FLUSH MOUNT RECTANGULAR FACE DEVICES
RECEPTACLES, SWITCHES, EXCLUDING GFCI'S, DIMMERS, MOTION SENSORS, ETC...

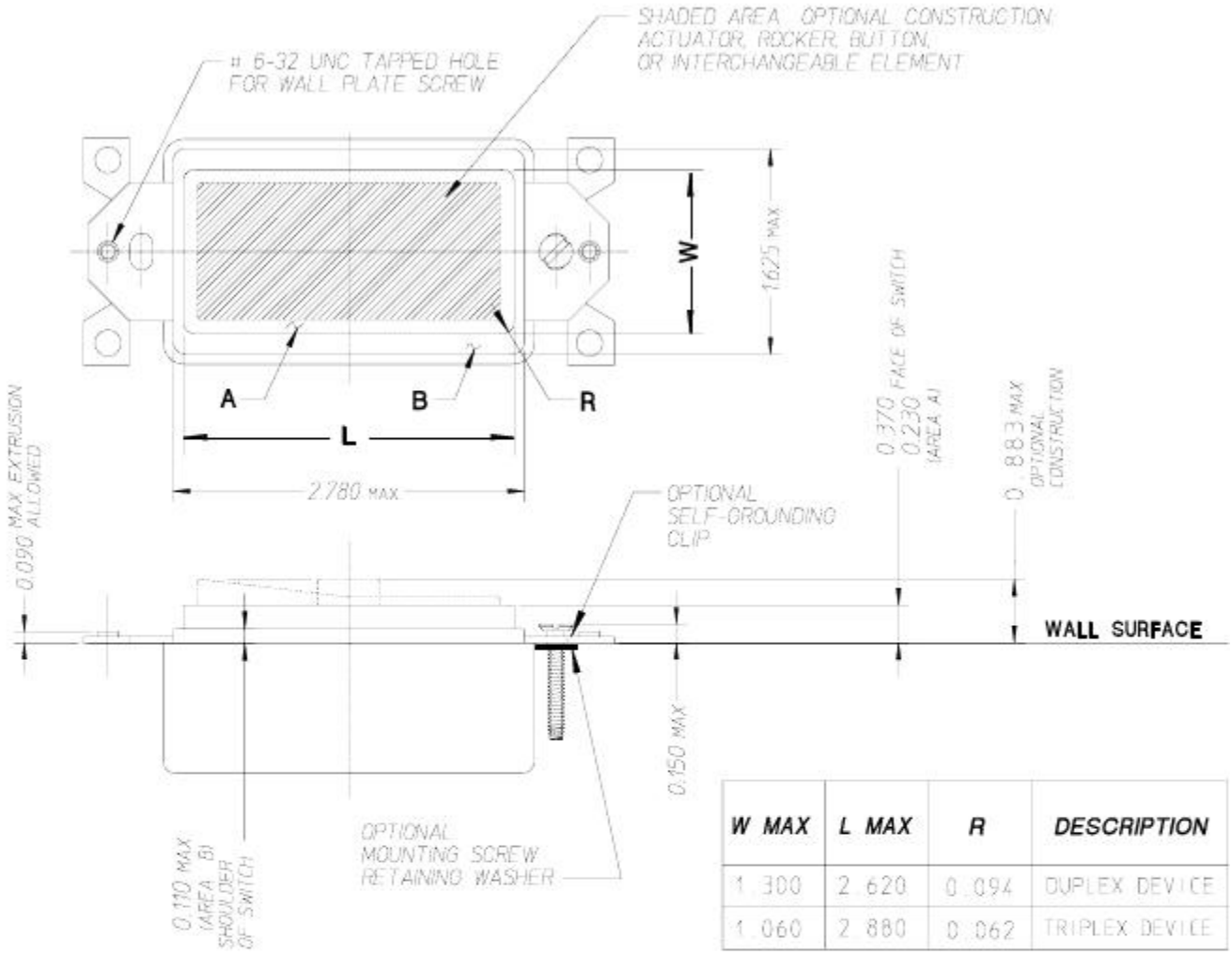


W MAX	L MAX	R	DESCRIPTION
1.300	2.620	0.094	DUPLEX DEVICE
1.060	2.880	0.062	TRIPLEX DEVICE

NOTES:

1. SEE PAGE 8 FOR YOKE DIMENSIONS.
2. CENTER LINE SPACING OF DUPLEX OUTLET FACE CONFIGURATIONS LISTED IN NOTE # 3 TO BE 1.531 MIN.
3. TYPICAL DUPLEX RECTANGULAR SECTION CONFIGURATIONS:
   1-15, 5-15, 5-20, 6-15, 6-20, 7-15, L1-15, L2-20, L5-15, L6-15, L7-15, L11-15

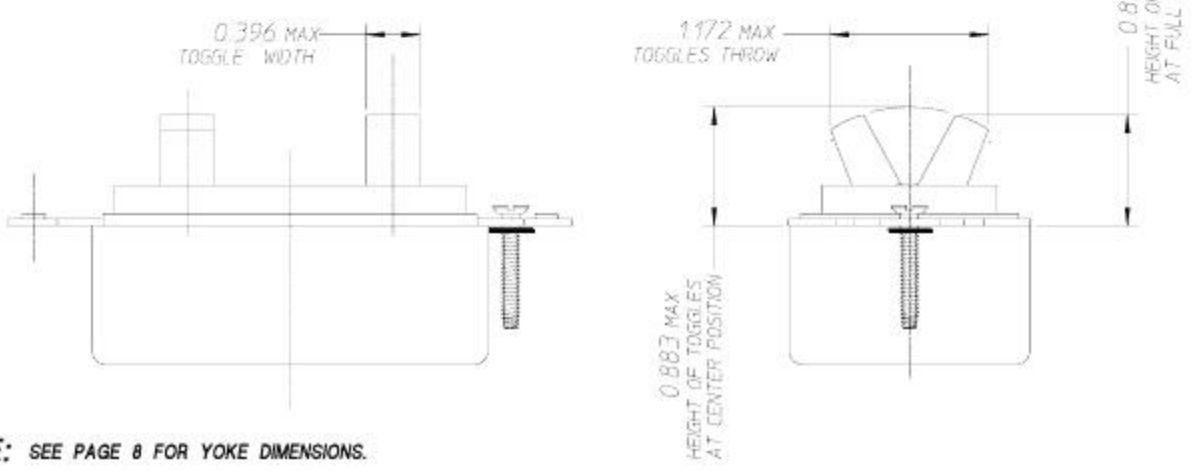
DIMENSIONS FOR RECTANGULAR FACE DEVICES INCORPORATING PROTRUDING ACTUATORS



W MAX	L MAX	R	DESCRIPTION
1.300	2.620	0.094	DUPLEX DEVICE
1.060	2.880	0.062	TRIPLEX DEVICE

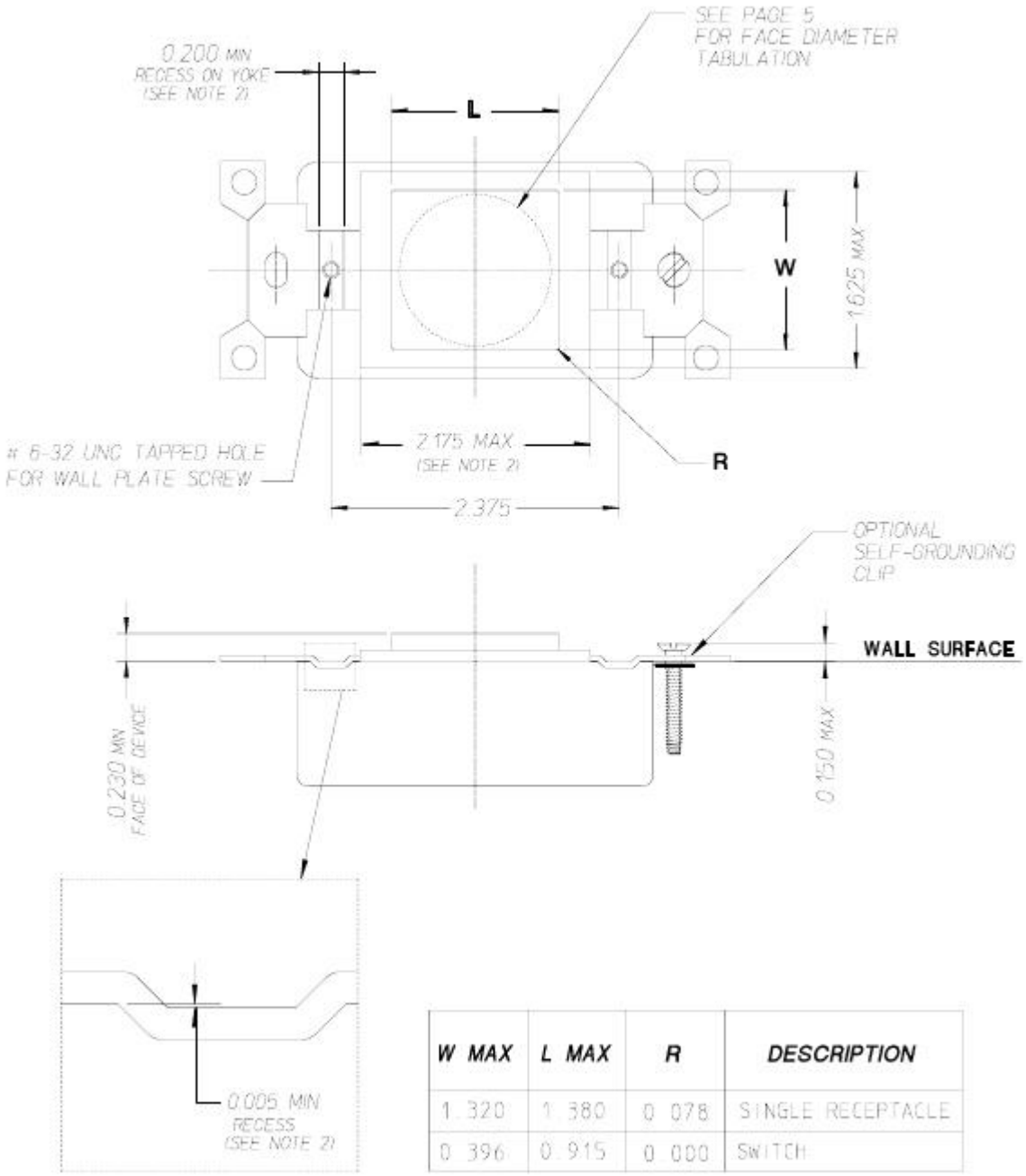
DIMENSIONS FOR RECTANGULAR FACE DEVICES INCORPORATING SWITCH TOGGLES

ALL OTHER DIMENSIONS NOT SHOWN, SEE ABOVE



NOTE: SEE PAGE 8 FOR YOKE DIMENSIONS.

DIMENSIONS FOR ROUND AND RECTANGULAR FACE SINGLE DEVICES

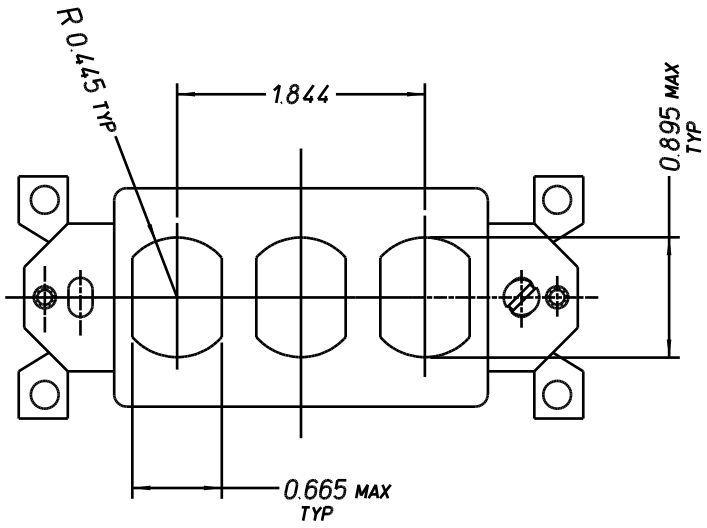


W MAX	L MAX	R	DESCRIPTION
1.320	1.380	0.078	SINGLE RECEPTACLE
0.396	0.915	0.000	SWITCH

NOTES:

1. SEE PAGE 8 FOR YOKE DIMENSIONS.
2. THIS DIMENSION IS INTENDED FOR STRAIGHT BLADE SINGLE RECEPTACLES AND SWITCHES TO CLEAR THE REINFORCING RIBS IN PLASTIC PLATES

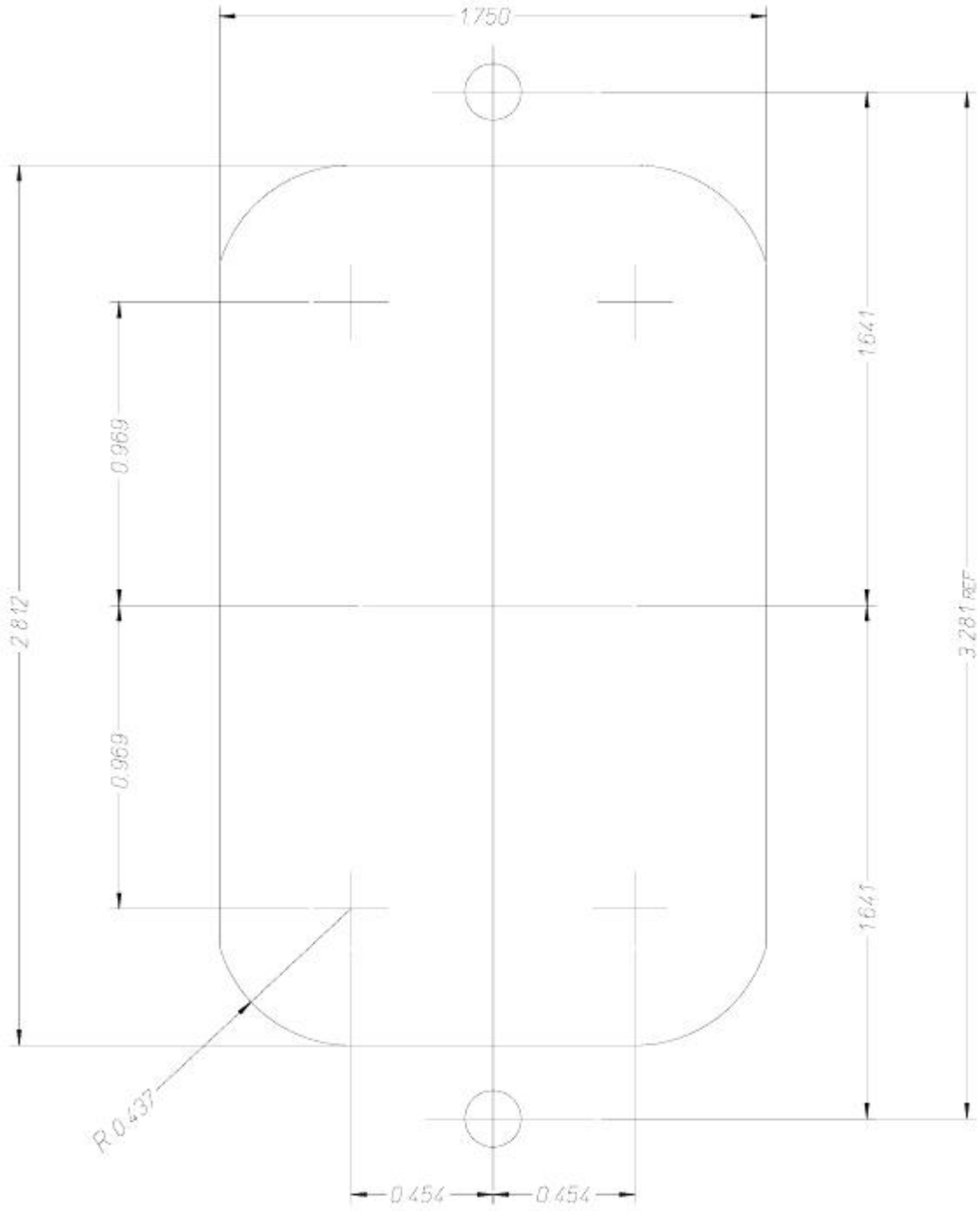
DIMENSIONS FOR INTERCHANGEABLE TYPE SINGLE, DUPLEX, AND TRIPLEX DEVICES



NOTES:

1– SEE PAGE 8 FOR YOKE DIMENSIONS

WIRING DEVICE MAXIMUM ENVELOPE DIMENSION



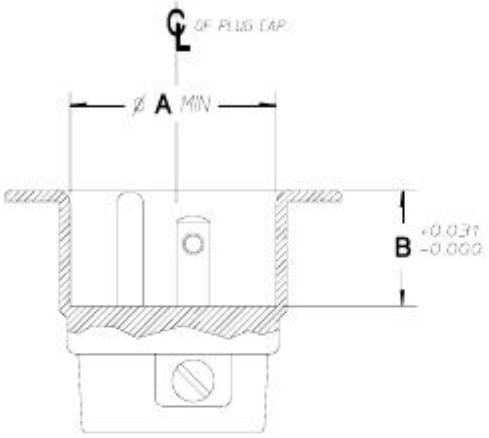
NOTES:

1- THIS STANDARD CORRESPONDS TO NEMA STANDARDS PUBLICATION OS-1 SHEET-STEEL OUTLET BOXES, DEVICE BOXES, COVERS AND BOX SUPPORTS, STANDARD FOR MINIMUM BOX/COVER FACE OPENING, AND DOES NOT ADDRESS ELECTRICAL CLEARANCES. AVAILABLE SPACE AT DEPTHS WITHIN THE BOX MAY BE FURTHER REDUCED BY ACCESSORY HARDWARE SUCH AS MACHINE SCREWS, NAILS, CABLE CLAMPS, FIXTURE STUDS, ETC.

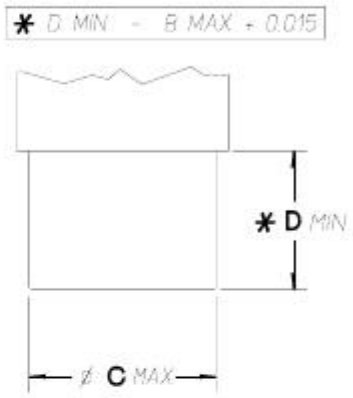
DIMENSIONS FOR FLANGED INLETS AND CONNECTOR BODIES.

BLADE DIMENSIONS SHALL CONFORM WITH THE DIMENSIONS FOR PLUG BLADES OF THE SAME RATING AS SHOWN IN INDIVIDUAL CONFIGURATION RATING. THE MALE BASE SHALL ACCEPT A CYLINDER OF DIAMETER 'C' DESCRIBED ABOUT THE CENTER OF THE PLUG CAP CONFIGURATION OF THE SAME RATING FOR A DEPTH NOT LESS THAN DIMENSION 'B'.

THE CONNECTOR BODY SHALL FIT WITHIN A CIRCLE OF DIAMETER 'C' DESCRIBED ABOUT THE CENTER OF THE RECEPTACLE CONFIGURATION OF THE SAME RATING FOR A LENGTH 'D' NOT LESS THAN 0.015 INCH PLUS THE MAXIMUM LENGTH OF DIMENSION 'B'.



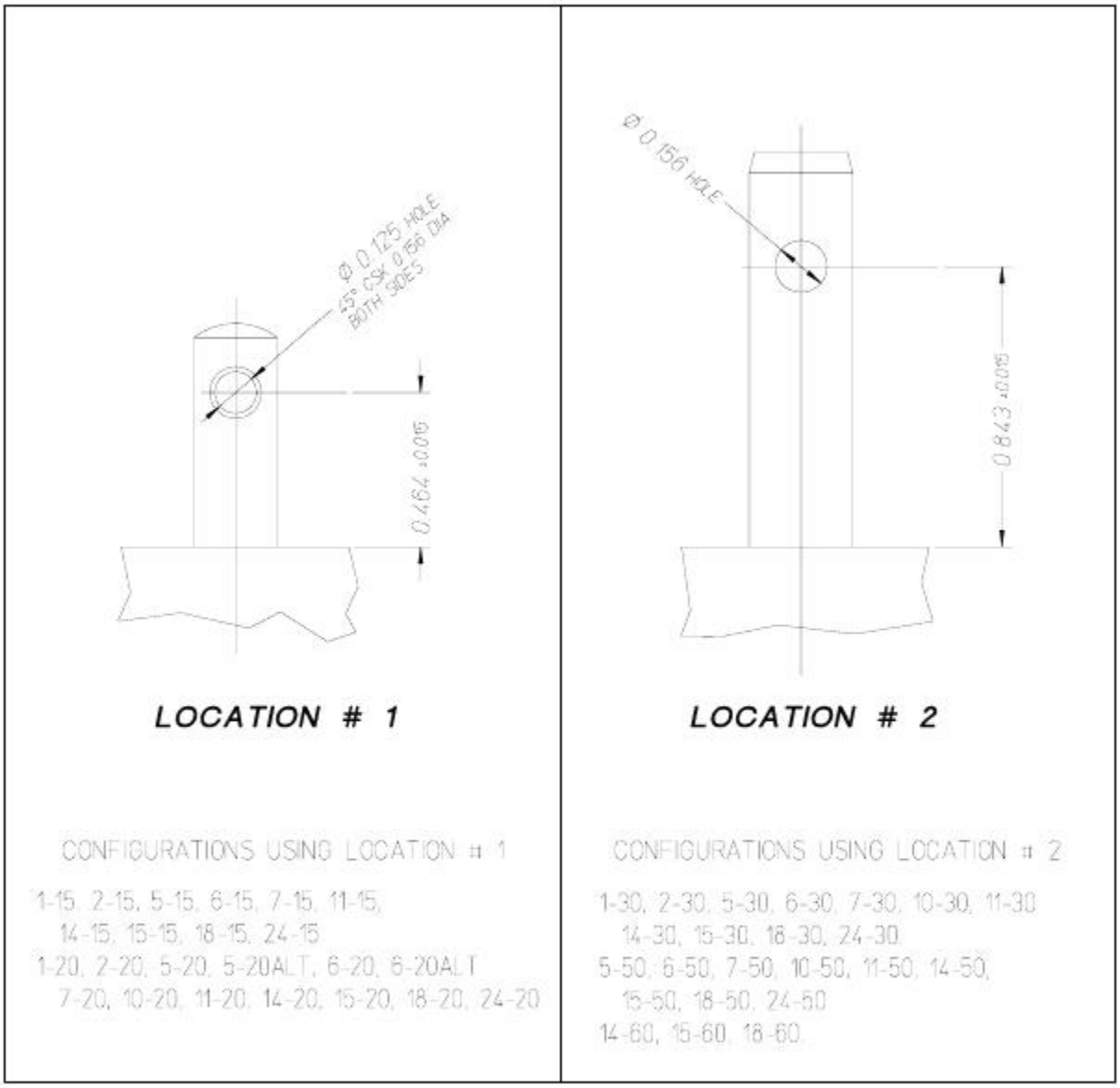
FLANGED INLET



CONNECTOR BODY

CONFIGURATION NUMBER	DIMENSIONS		
	ø A	ø C	B
ML-1	0.990	0.970	0.468
ML-2, ML-3	1.150	1.130	0.468
1-15, 2-15, 5-15, 5-20, 6-15, 6-20, 7-15, 11-15, 11-20, 14-15, 15-15, 18-15, 24-15, 24-20, L1-15, L2-20, L5-15, L6-15, L7-15, L11-15	1.550	1.531	0.843
2-20, 7-20, 10-20, 14-20, 15-20, 18-20	2.030	2.010	0.875
2-30, 5-30, 5-50, 6-30, 6-50, 7-30, 7-50, 10-30, 10-50, 11-30, 11-50, 14-30, 14-50, 14-60, 15-30, 15-50, 15-60, 18-30, 18-50, 18-60, 24-30, 24-50	2.620	2.600	1.406
L5-20, L6-20, L7-20, L8-20, L9-20, L10-20, L11-20, L12-20	1.880	1.860	0.921
L5-30, L6-30, L7-30, L8-30, L9-30, L10-30, L11-30, L12-3, L13-30	1.880	1.860	1.000
L14-20, L15-20, L16-20, L18-20, L19-20, L20-20, L21-20, L22-20, L23-20, L24-20	2.000	1.980	0.921
L14-30, L15-30, L16-30, L17-30, L18-30, L19-30, L20-30, L21-30, L22-30, L23-30	2.000	1.980	1.000

FLAT BLADE HOLE LOCATIONS
GENERAL INFORMATION



LOCATION # 1

CONFIGURATIONS USING LOCATION # 1

1-15, 2-15, 5-15, 6-15, 7-15, 11-15,
14-15, 15-15, 18-15, 24-15
1-20, 2-20, 5-20, 5-20ALT, 6-20, 6-20ALT
7-20, 10-20, 11-20, 14-20, 15-20, 18-20, 24-20

LOCATION # 2

CONFIGURATIONS USING LOCATION # 2

1-30, 2-30, 5-30, 6-30, 7-30, 10-30, 11-30
14-30, 15-30, 18-30, 24-30
5-50, 6-50, 7-50, 10-50, 11-50, 14-50,
15-50, 18-50, 24-50
14-60, 15-60, 18-60

NOTES:

1- HOLE IN FLAT BLADE IS OPTIONAL, AND IT IS INTENDED FOR MANUFACTURING PURPOSES ONLY. HOWEVER IF USED IT MUST BE LOCATED AS PER DIMENSIONS SHOWN ABOVE.

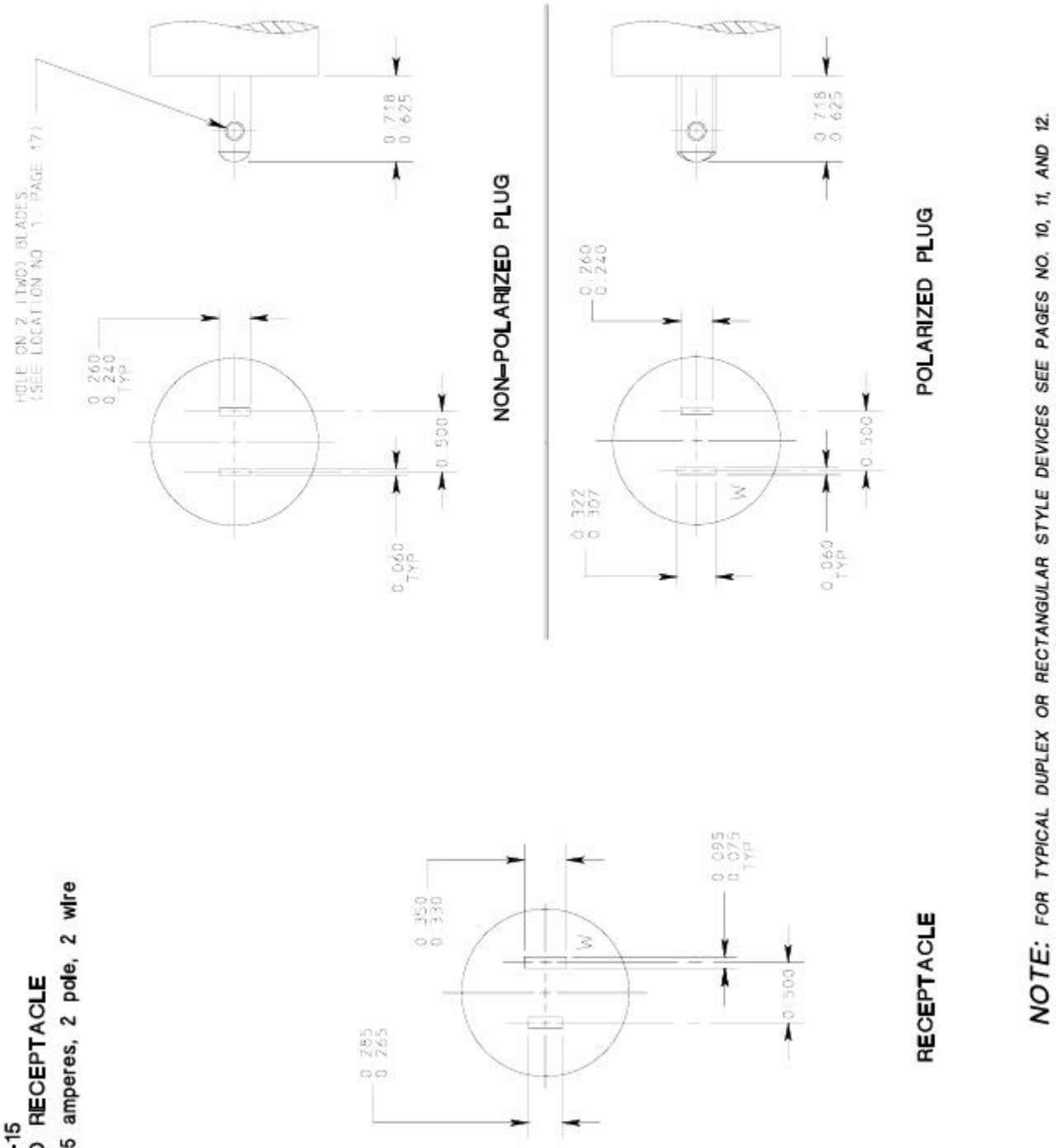
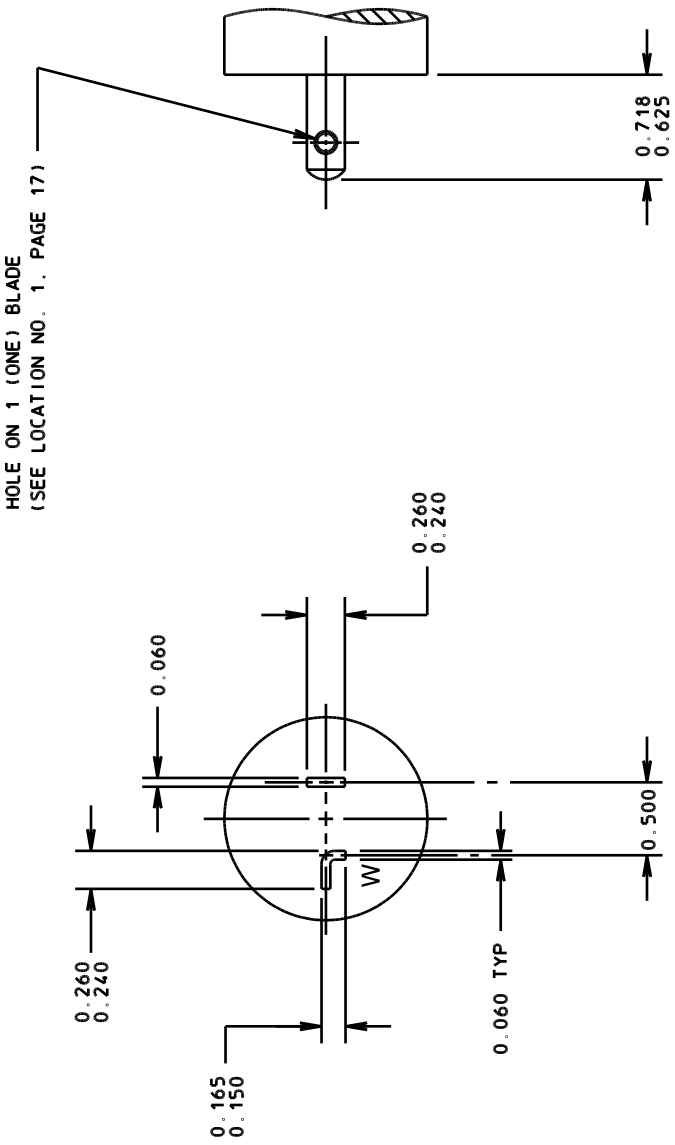


FIGURE 1–15
PLUG AND RECEPTACLE
125 volts, 15 amperes, 2 pole, 2 wire

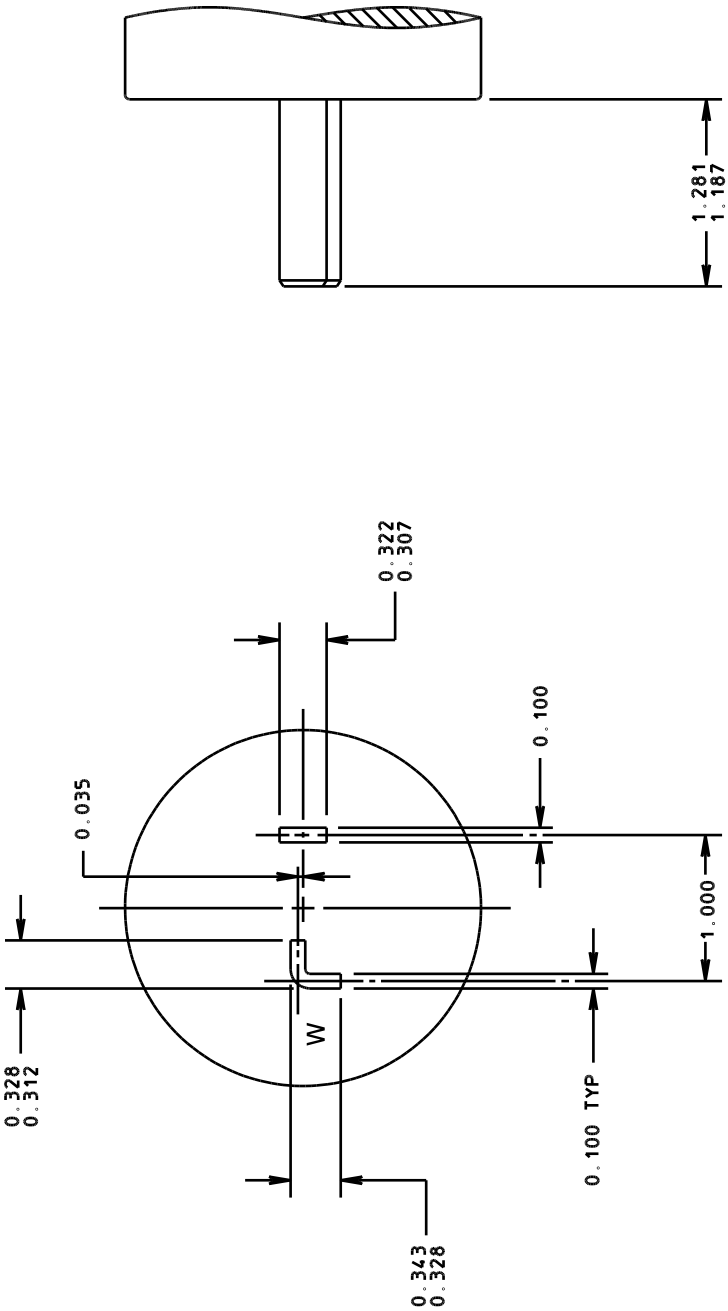
NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES NO. 10, 11, AND 12.



PLUG

NOTE: THIS PLUG MATES WITH RECEPTACLE CONFIGURATION 5–20.

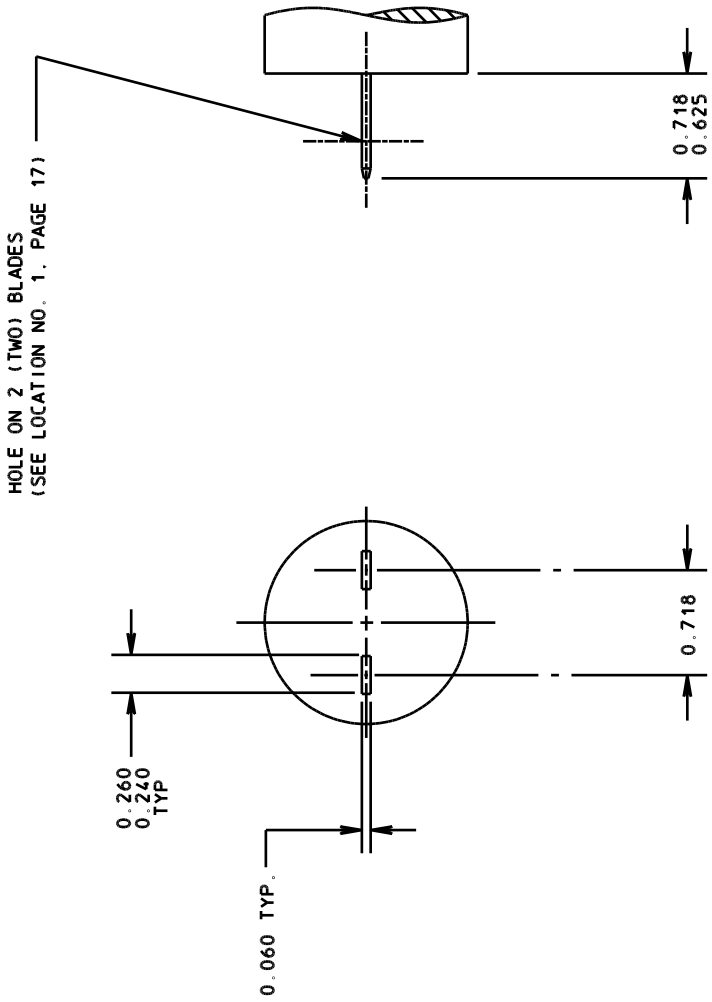
FIGURE 1–20
PLUG
125 volts, 20 amperes, 2 pole, 2 wire



PLUG

NOTE: THIS PLUG MATES WITH RECEPTACLE CONFIGURATION 5–30.

FIGURE 1–30
PLUG
125 volts, 30 amperes, 2 Pole, 2 Wire



PLUG

NOTE: THIS PLUG MATES WITH RECEPTACLE CONFIGURATION 6-15

FIGURE 2-15
PLUG
250 volts, 15 amperes, 2 pole, 2 wire

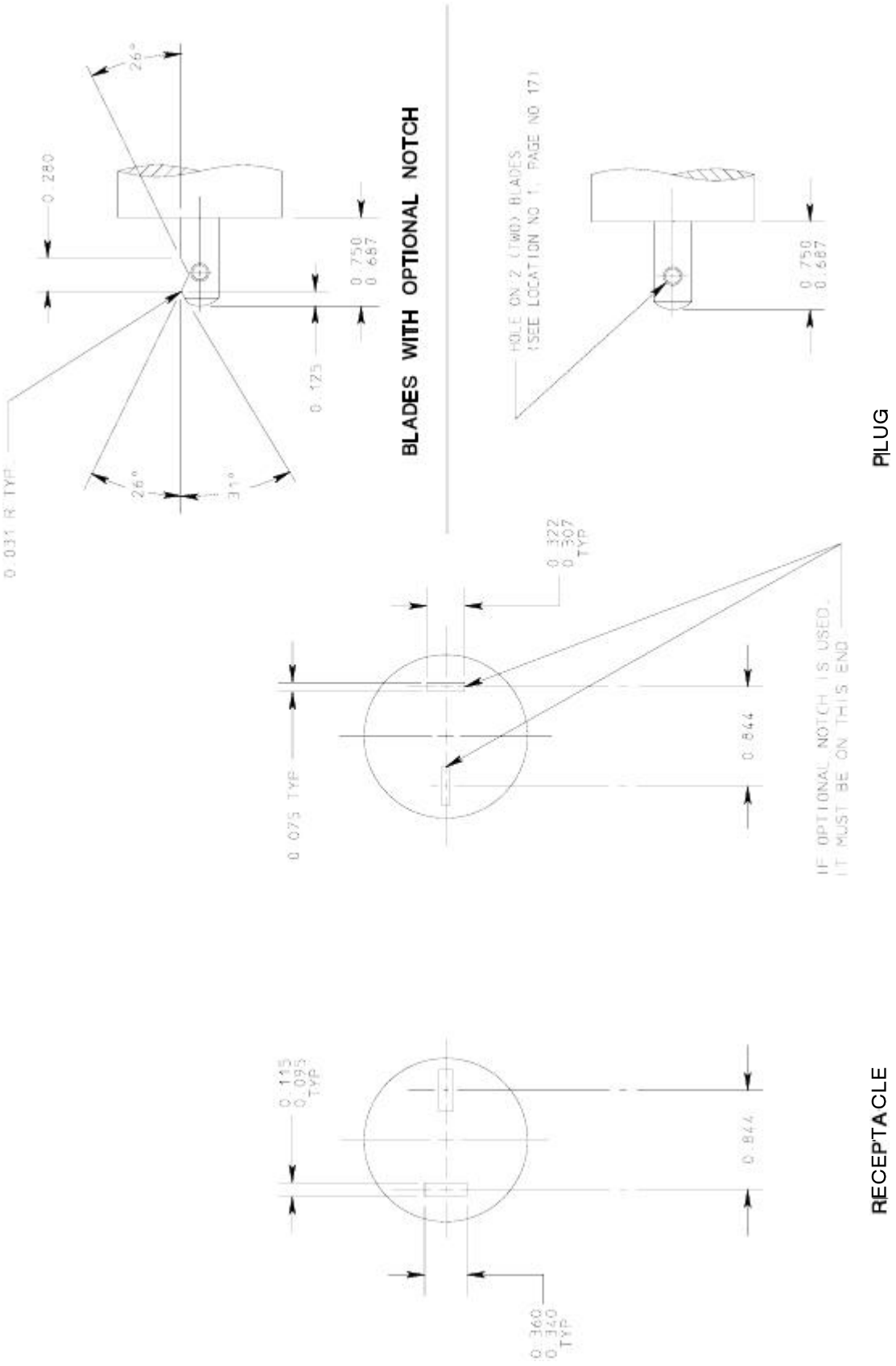


FIGURE 2-20
PLUG AND RECEPTACLE
250 volts, 20 amperes, 2 pole, 2 wire

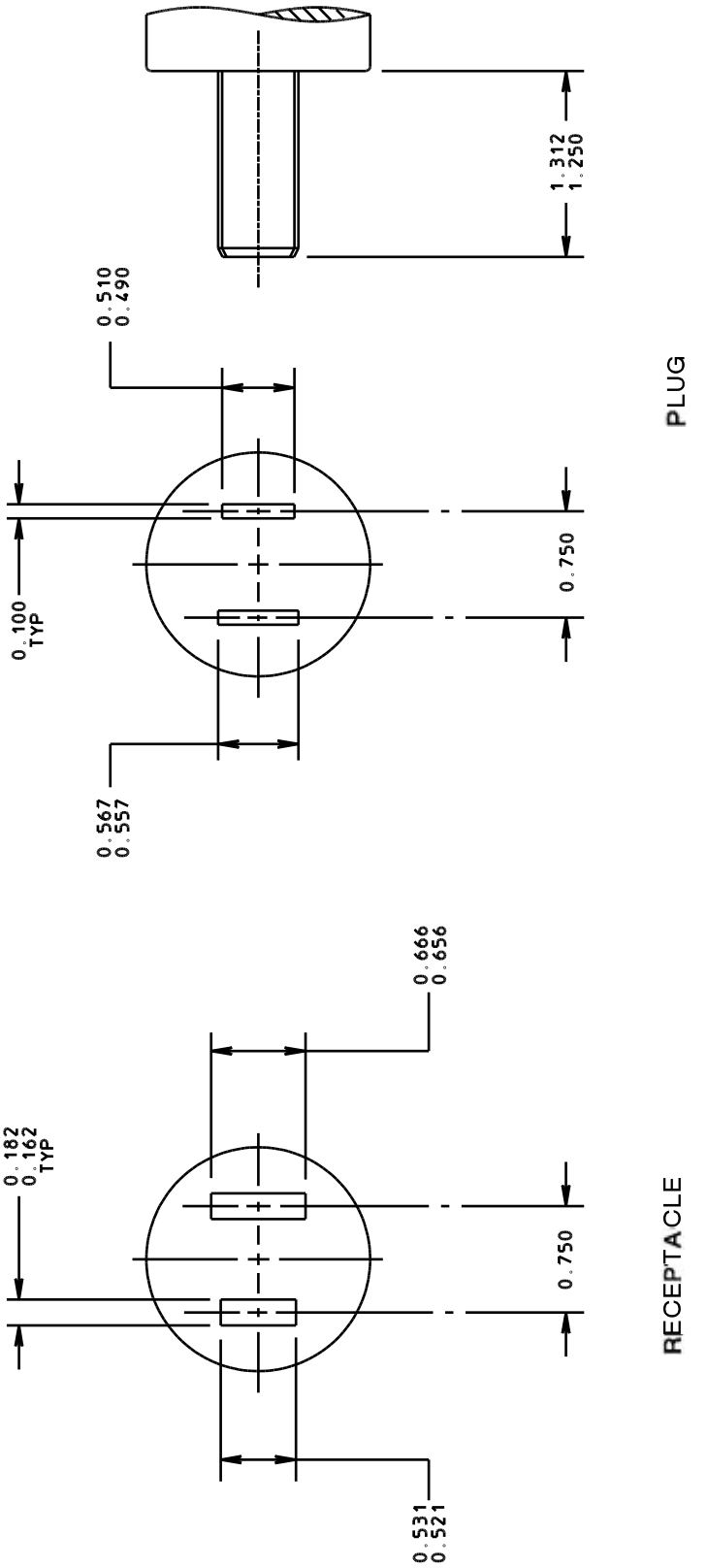


FIGURE 2–30
PLUG AND RECEPTACLE
250 volts, 30 amperes, 2 pole, 2 wire

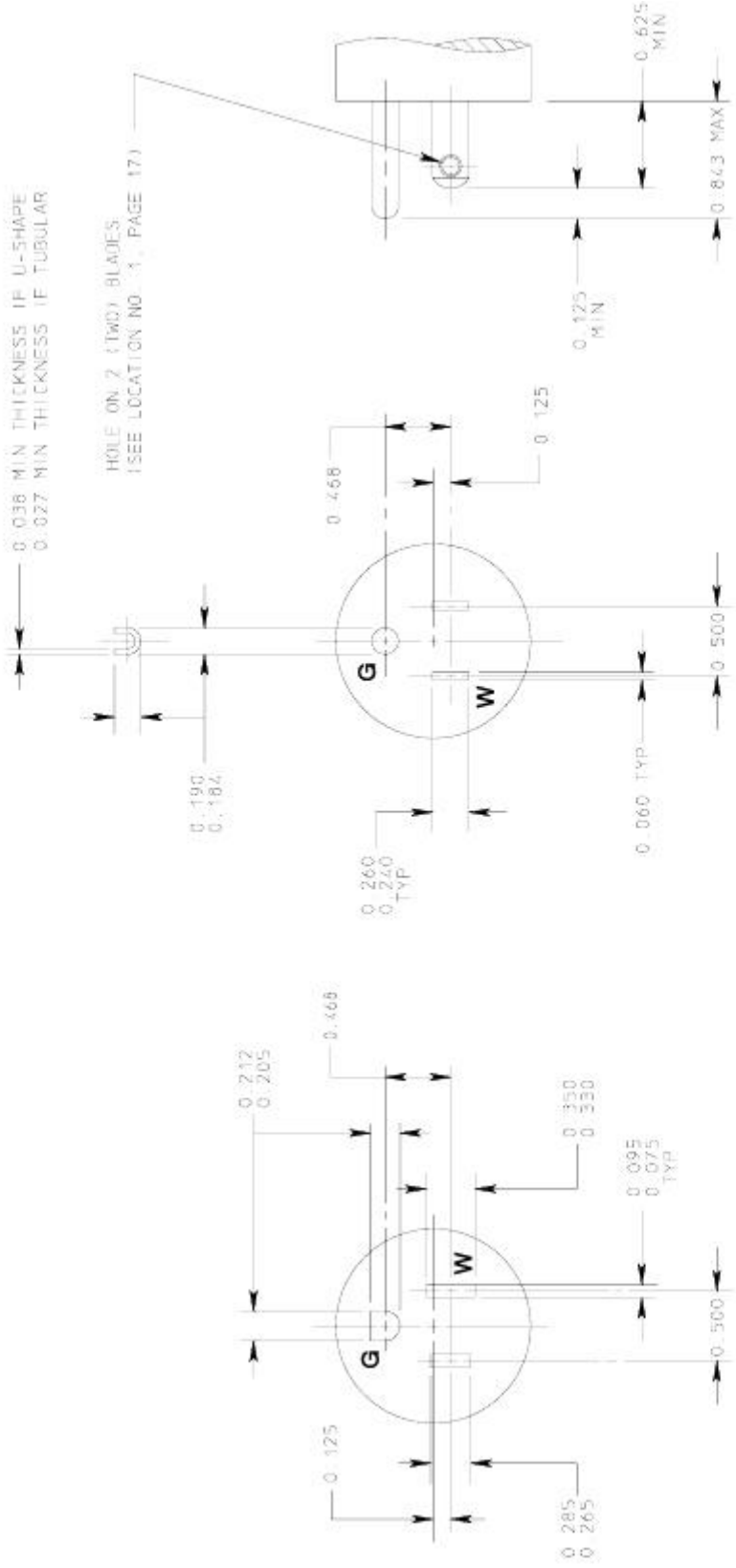
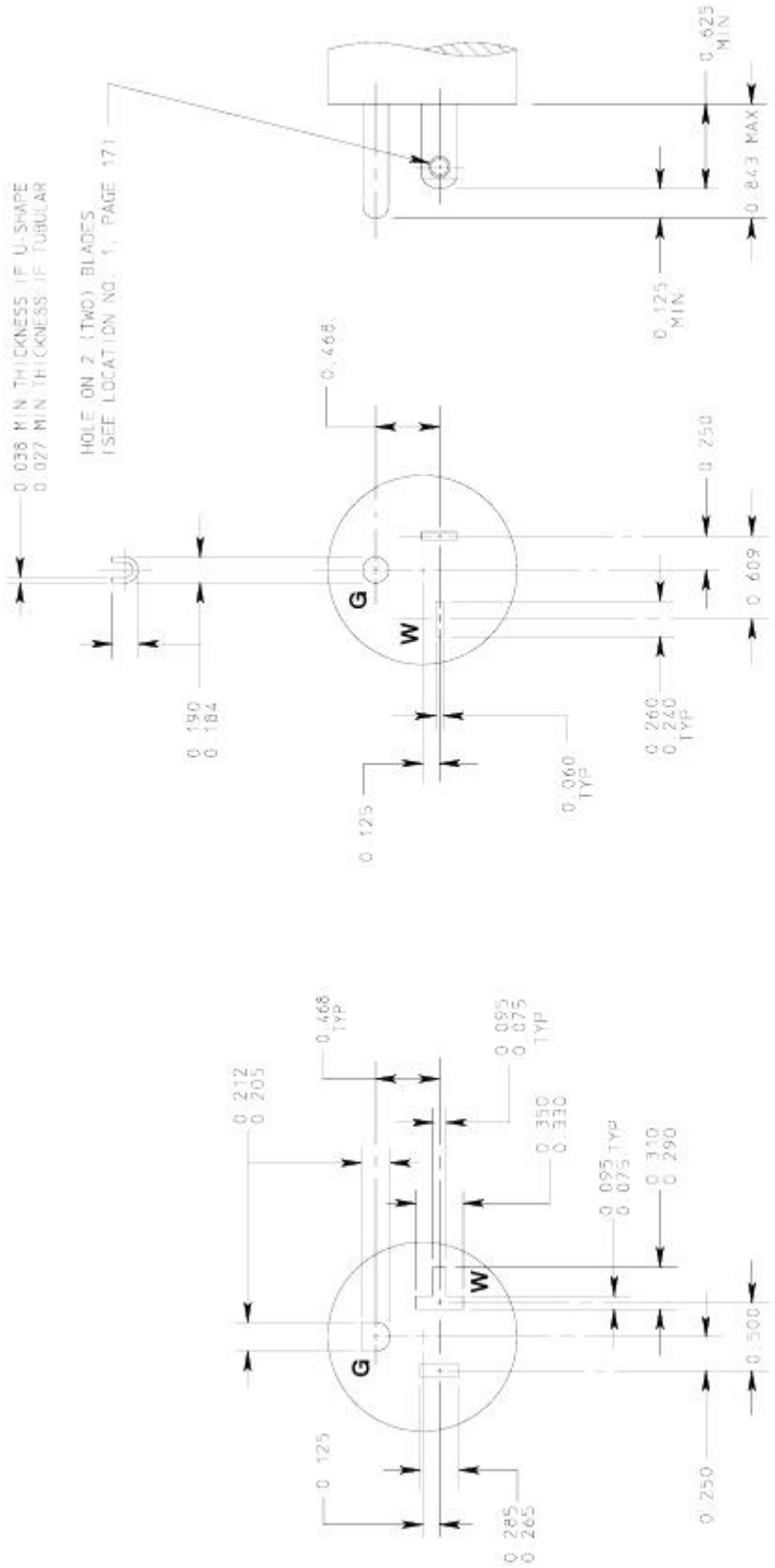


FIGURE 5–15
PLUG AND RECEPTACLE
125 volts, 15 amperes, 2 pole, 3 wire, Grounding type

NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND 12.



NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND 12.

FIGURE 5–20
PLUG AND RECEPTACLE
125 volts, 20 amperes, 2 pole, 3 wire, Grounding type

FIGURE 5–20 ALT (ALTERNATE CONSTRUCTION - CANADA)
RECEPTACLE
125 volts, 20 amperes, 2 pole, 3 wire, Grounding type

RECEPTACLE

NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND 12.

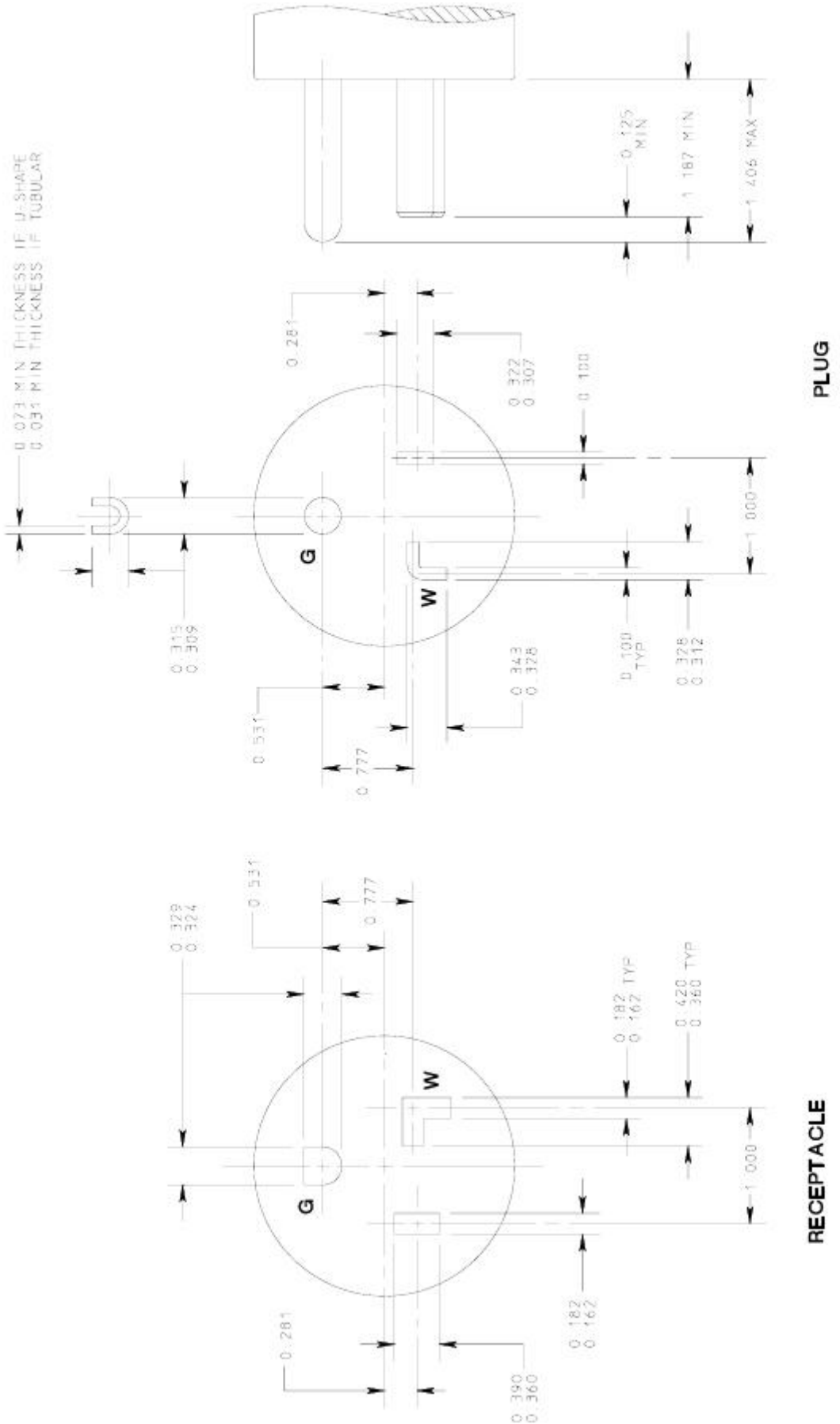


FIGURE 5-30
PLUG AND RECEPTACLE
125 volts, 30 amperes, 2 pole, 3 wire, Grounding type

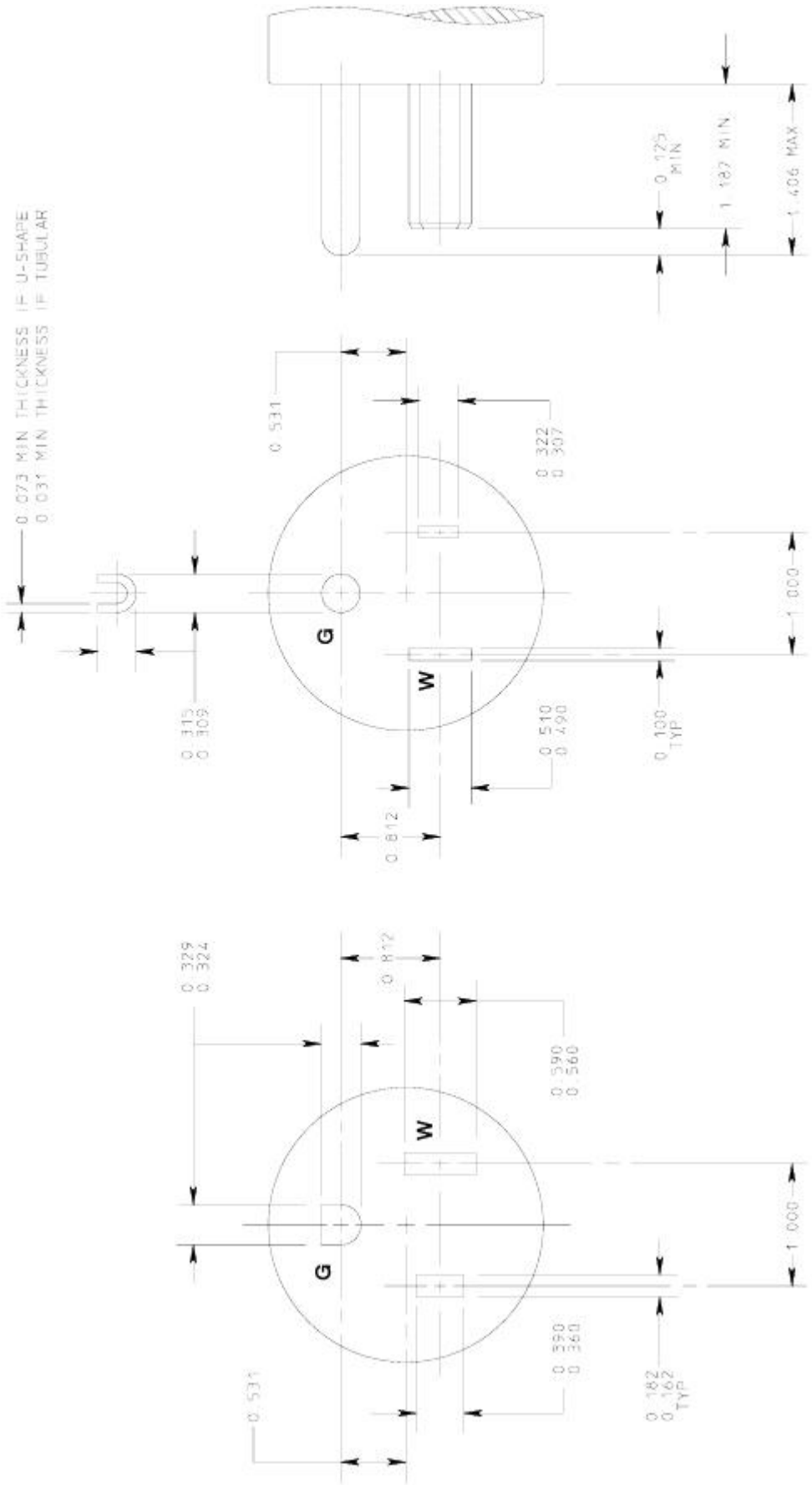
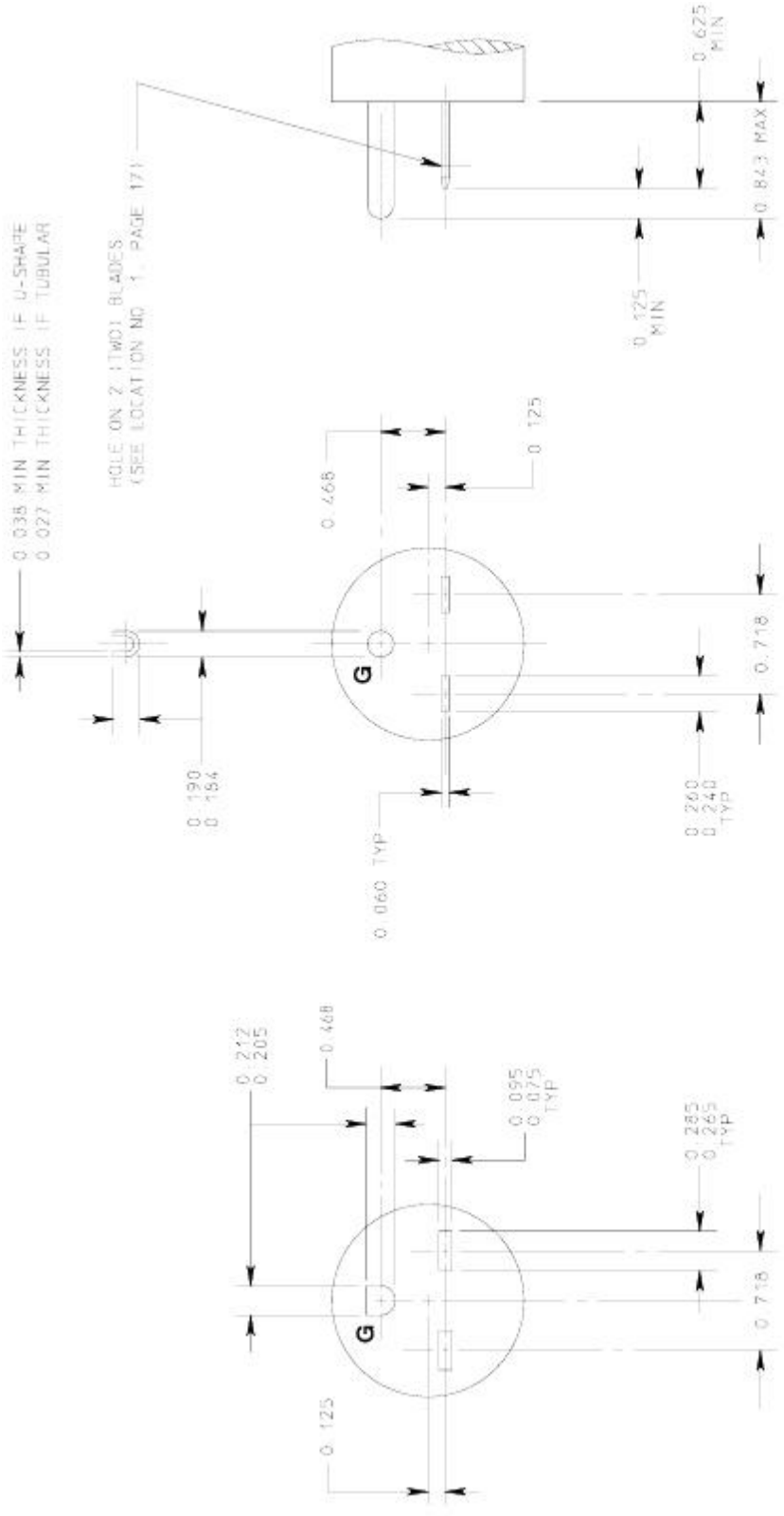
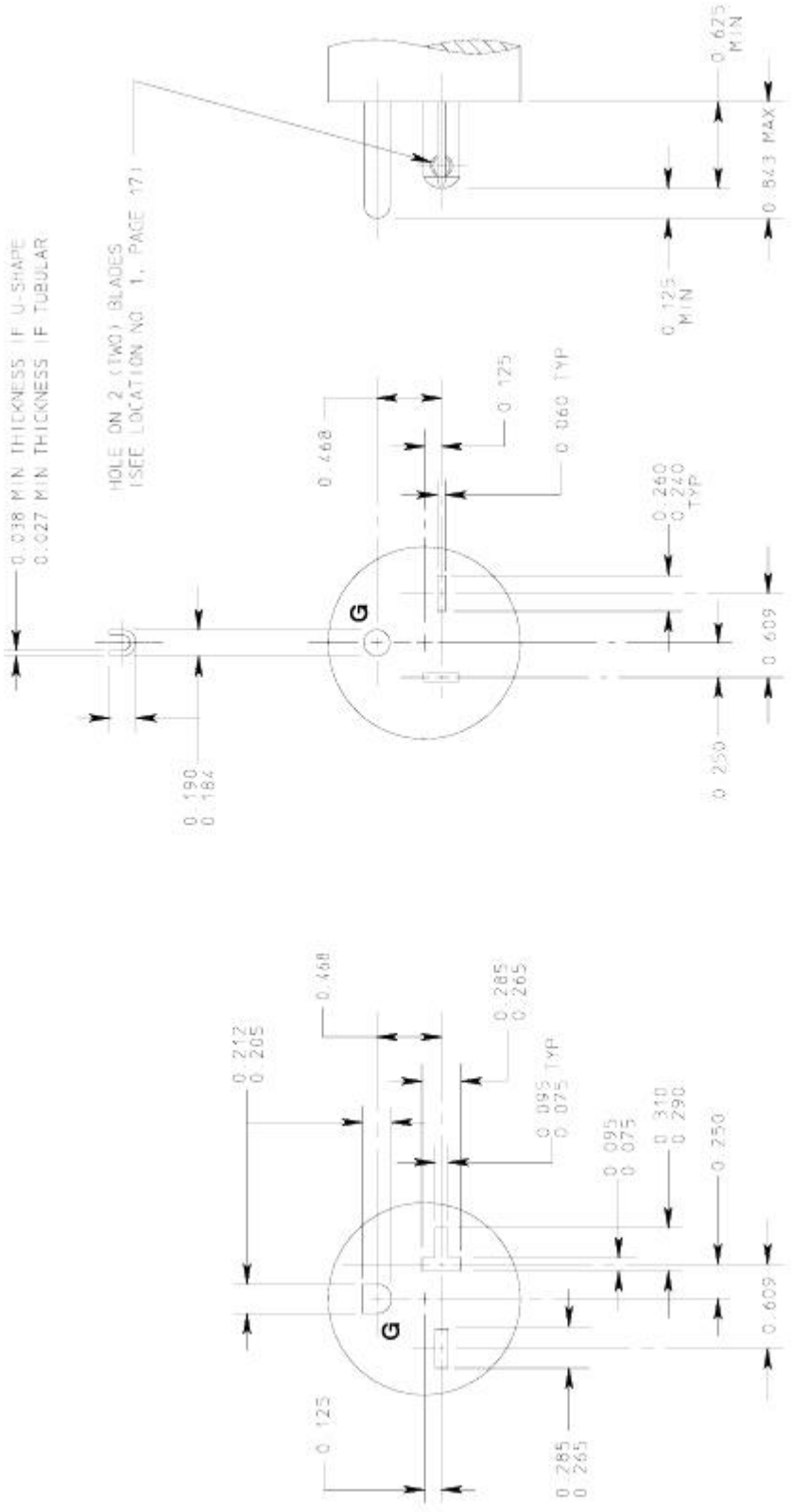


FIGURE 5–50
PLUG AND RECEPTACLE
125 volts, 50 amperes, 2 pole, 3 wire, Grounding type



NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND 12.

FIGURE 6–15
PLUG AND RECEPTACLE
250 volts, 15 amperes, 2 pole, 3 wire, Grounding type



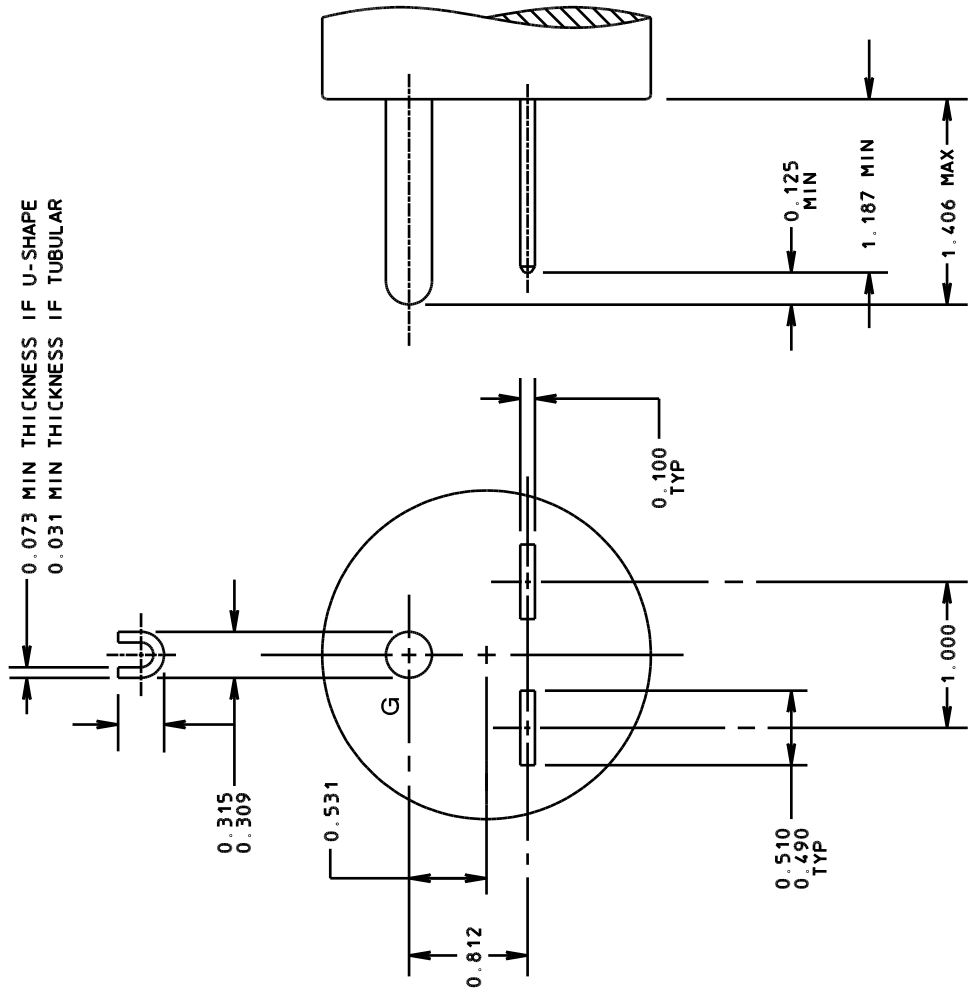
NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND 12.

FIGURE 6–20
PLUG AND RECEPTACLE
250 volts, 20 amperes, 2 pole, 3 wire, Grounding type

RECEPTACLE

NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND 12.

FIGURE 6-20 ALT (ALTERNATE CONSTRUCTION - CANADA)
RECEPTACLE
250 volts, 20 amperes, 2 pole, 3 wire, Grounding type



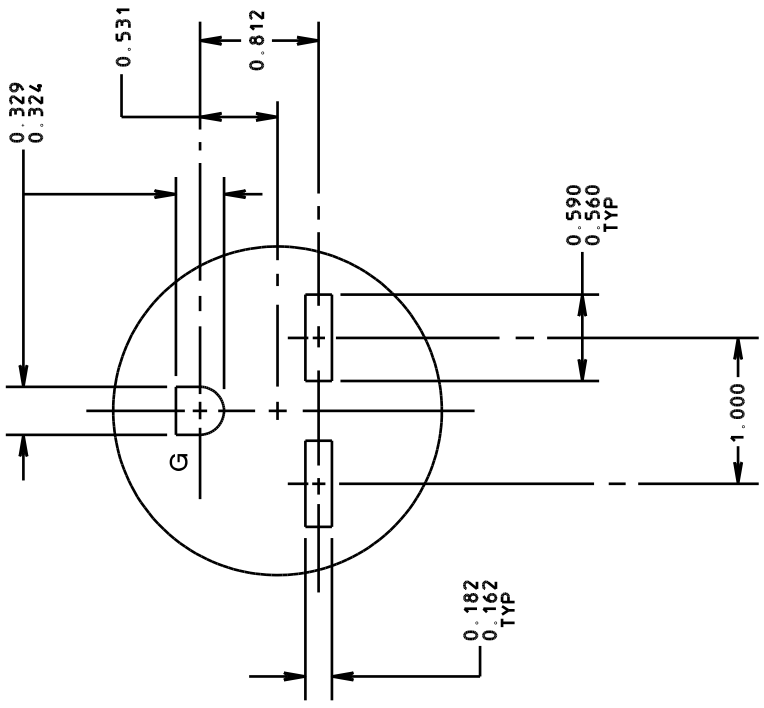


FIGURE 6-30
PLUG AND RECEPTACLE
250 volts, 30 amperes, 2 pole, 3 wire, Grounding type

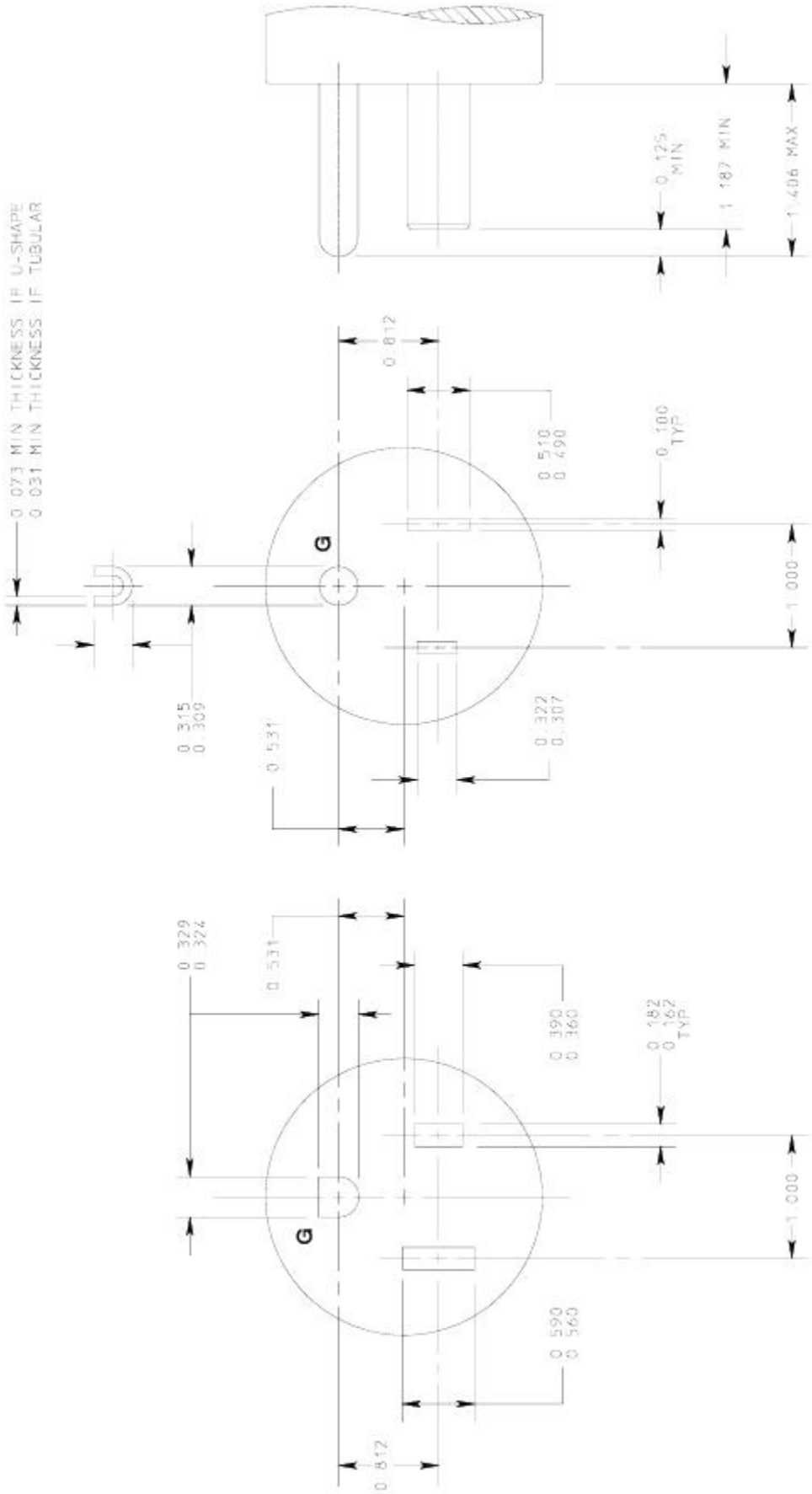
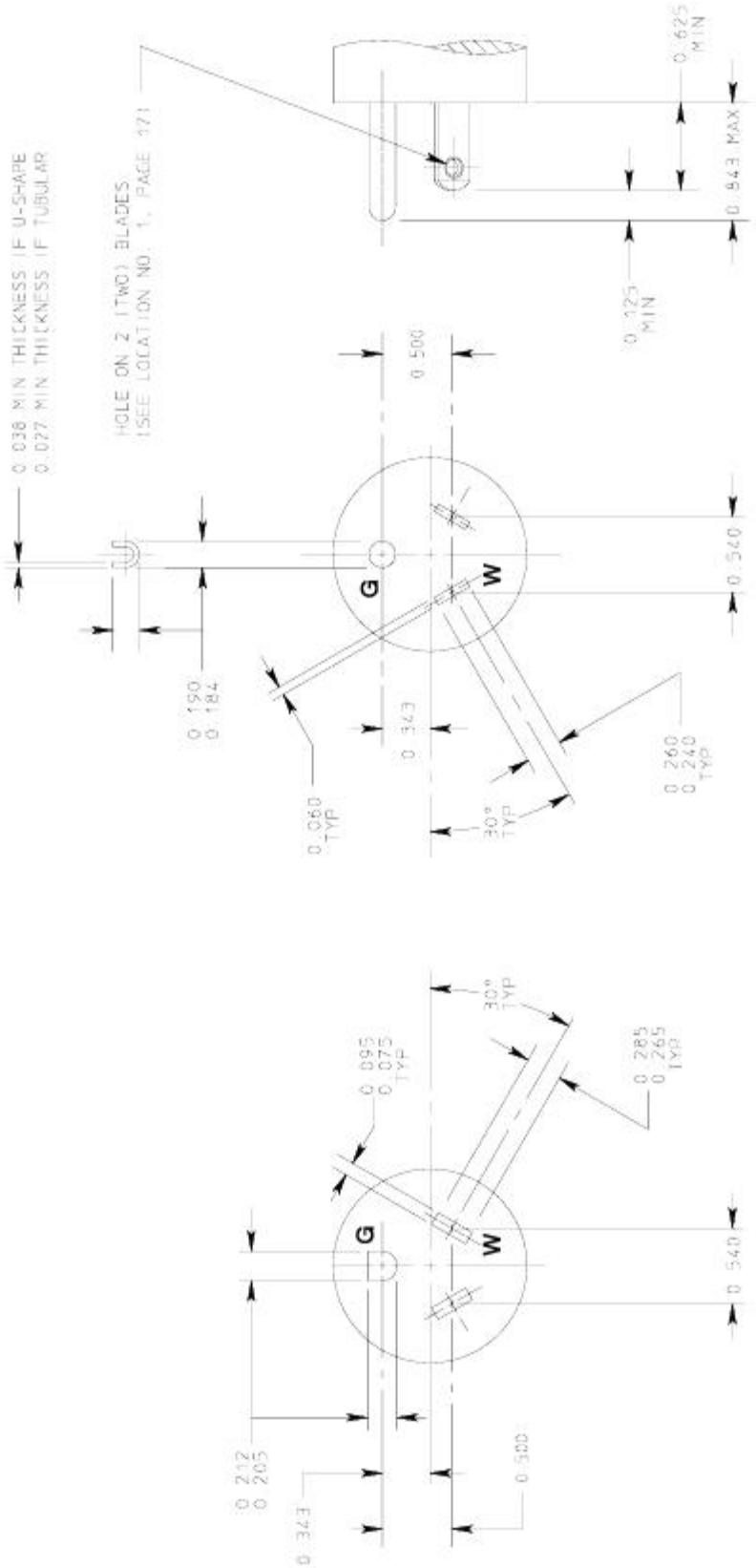


FIGURE 6-50
PLUG AND RECEPTACLE
250 volts, 50 amperes, 2 pole, 3 wire, Grounding type



PLUG

RECEPTACLE

NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND 12.

FIGURE 7–15
PLUG AND RECEPTACLE
277 volts ac, 15 amperes, 2 pole, 3 wire, Grounding type

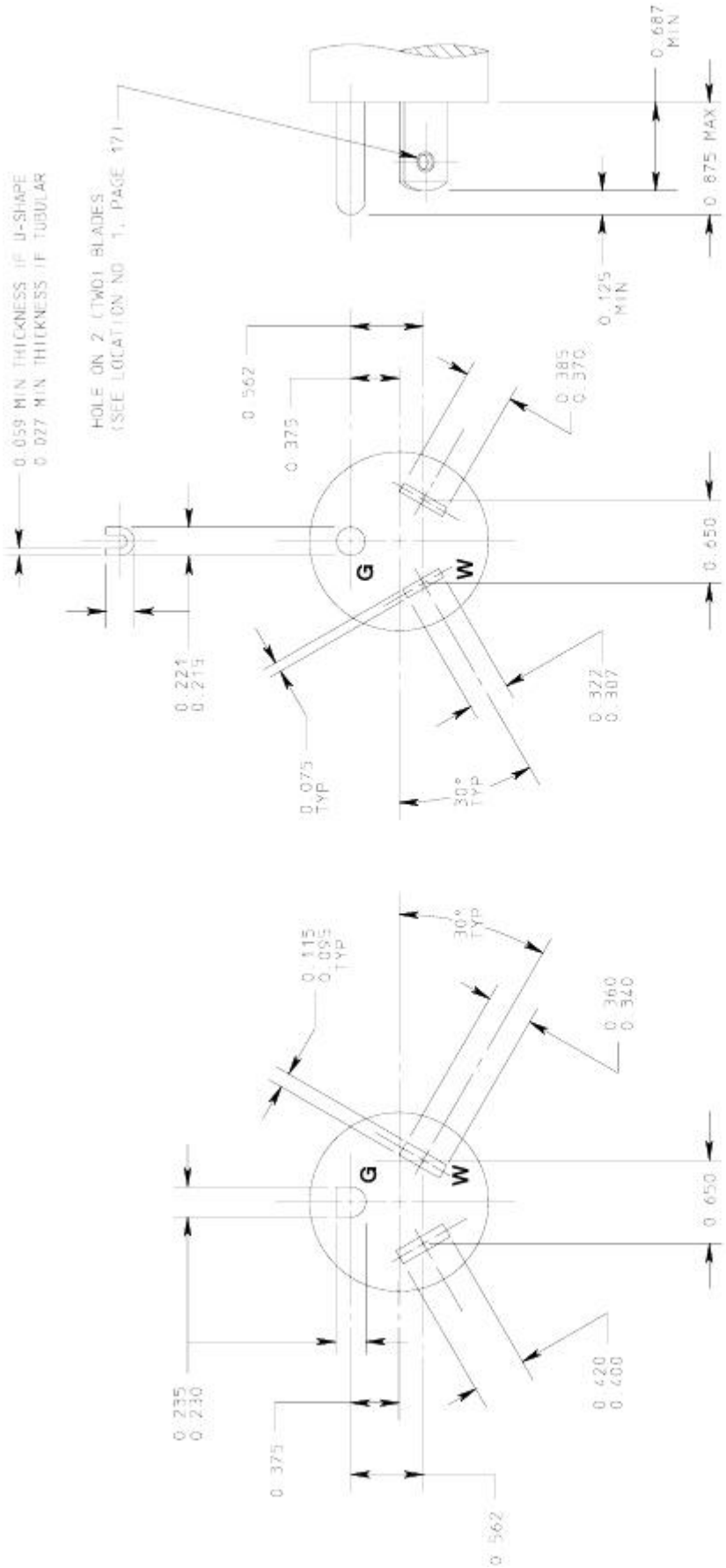


FIGURE 7–20
PLUG AND RECEPTACLE
277 volts ac, 20 amperes, 2 pole, 3 wire, Grounding type

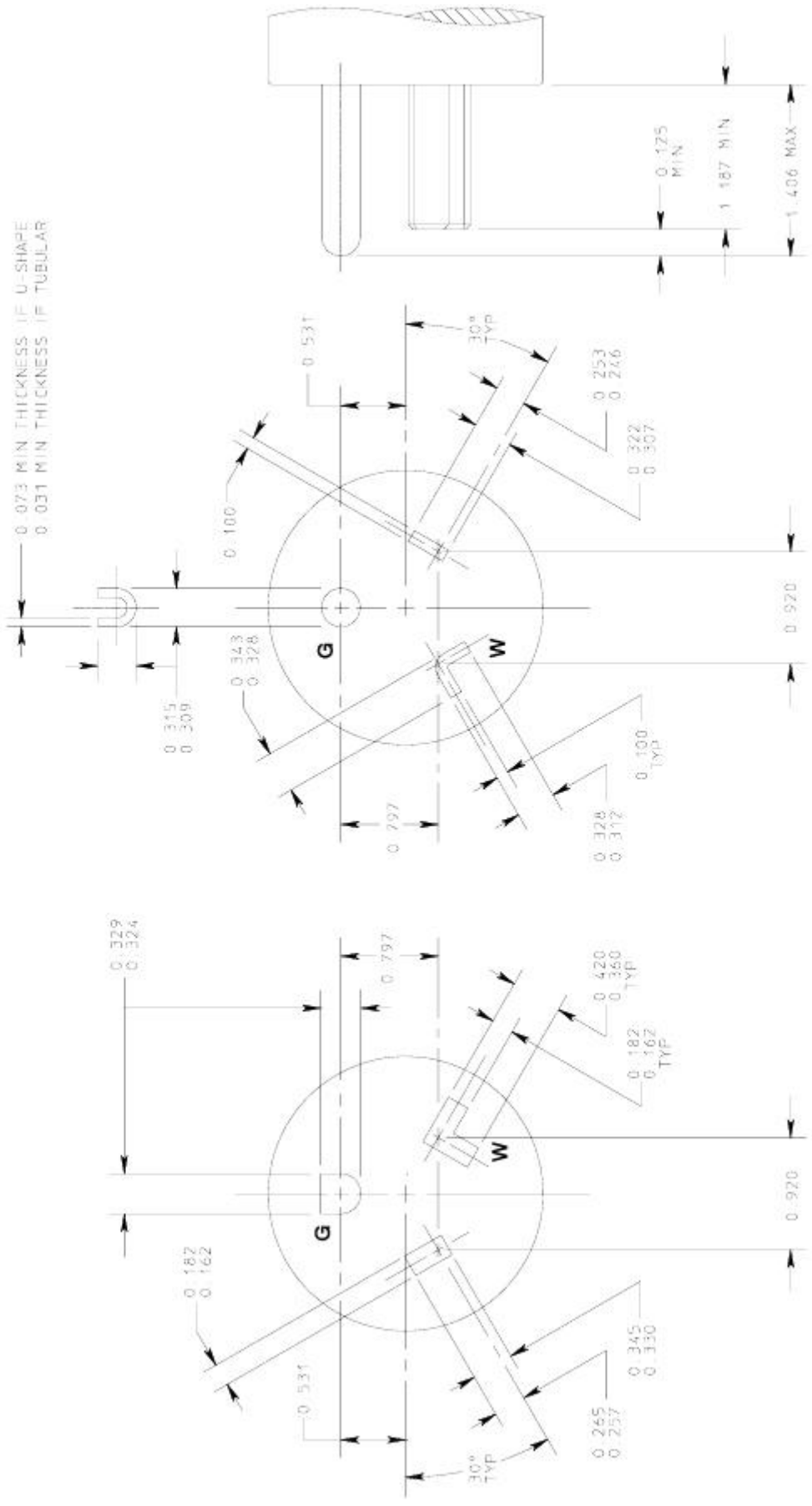


FIGURE 7–30
PLUG AND RECEPTACLE
277 volts ac, 30 amperes, 2 pole, 3 wire, Grounding type

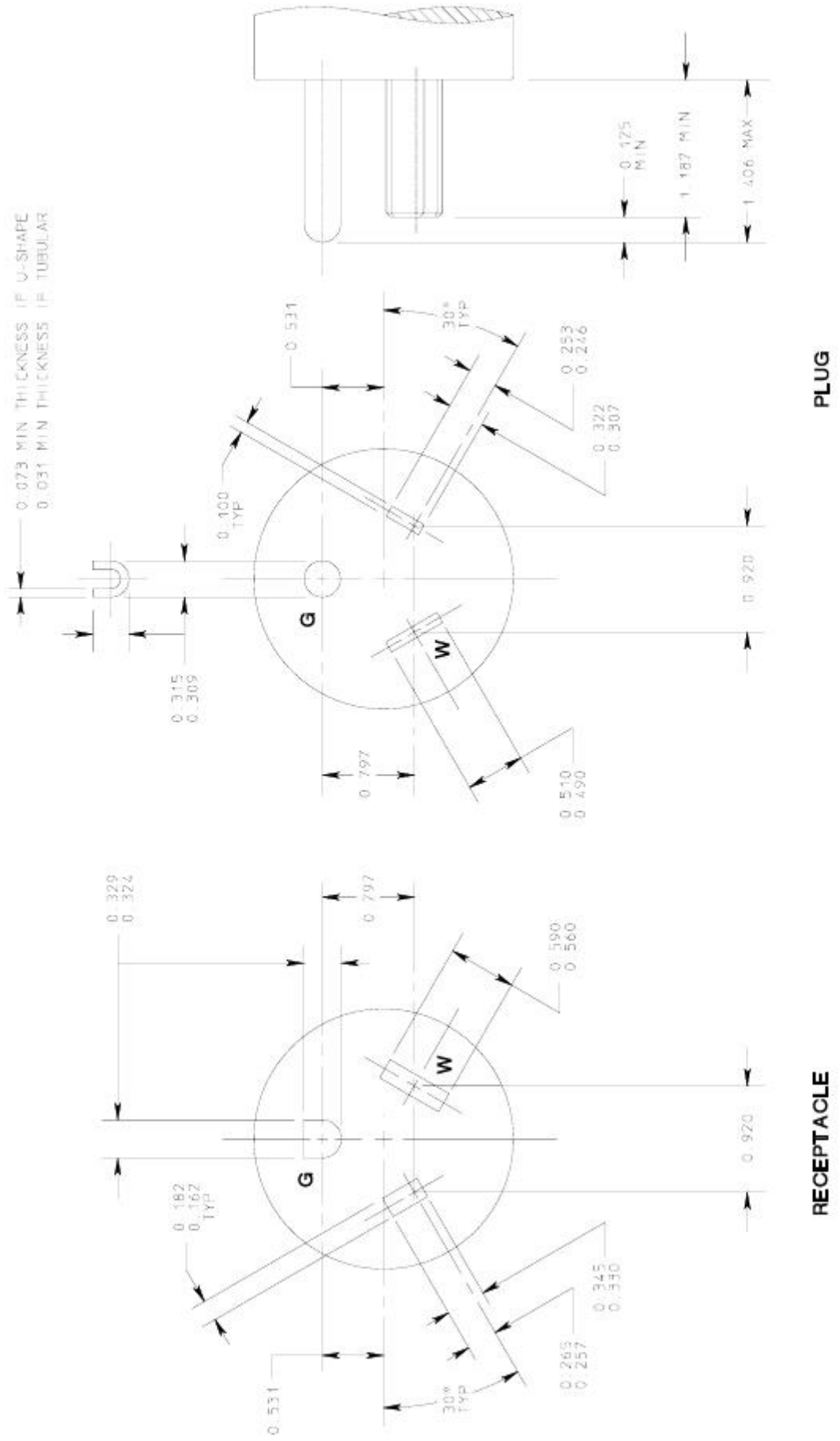
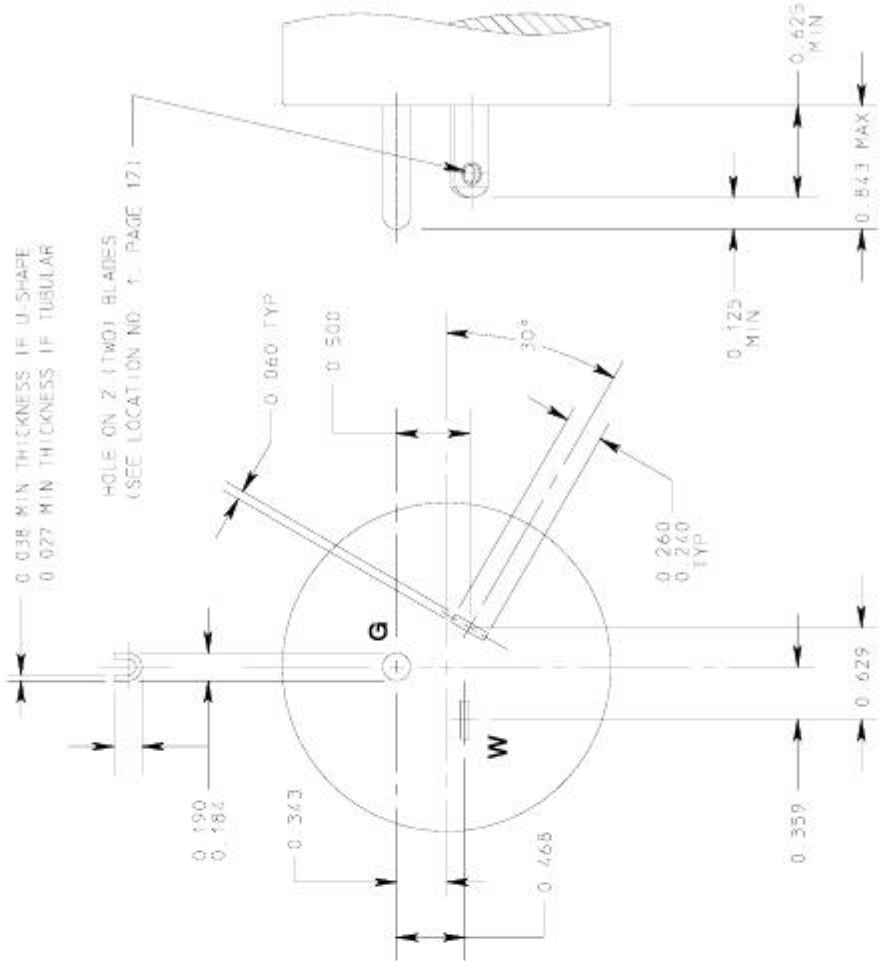


FIGURE 7–50
PLUG AND RECEPTACLE
277 volts ac, 50 amperes, 2 pole, 3 wire, Grounding type



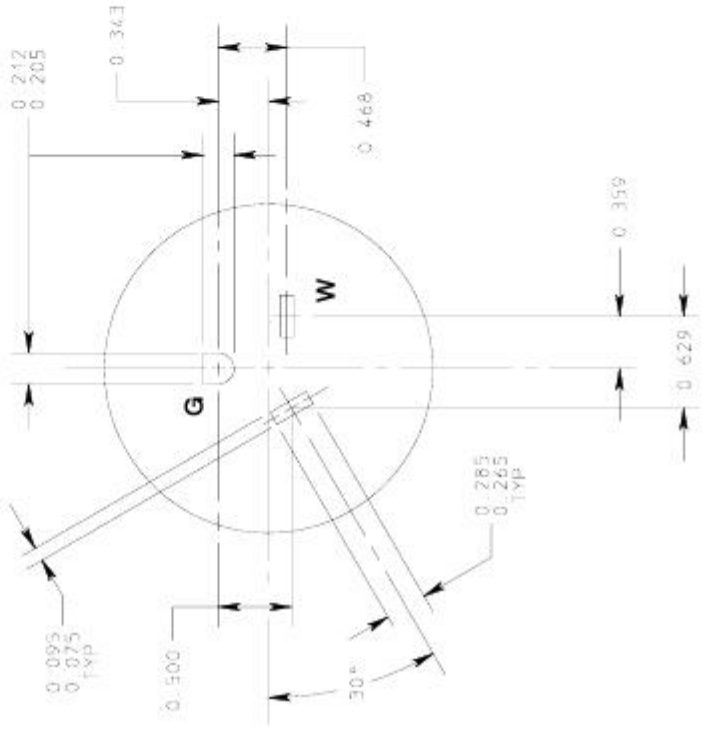


FIGURE 24–15
PLUG AND RECEPTACLE
347 volts ac, 15 amperes, 2 pole, 3 wire, Grounding type

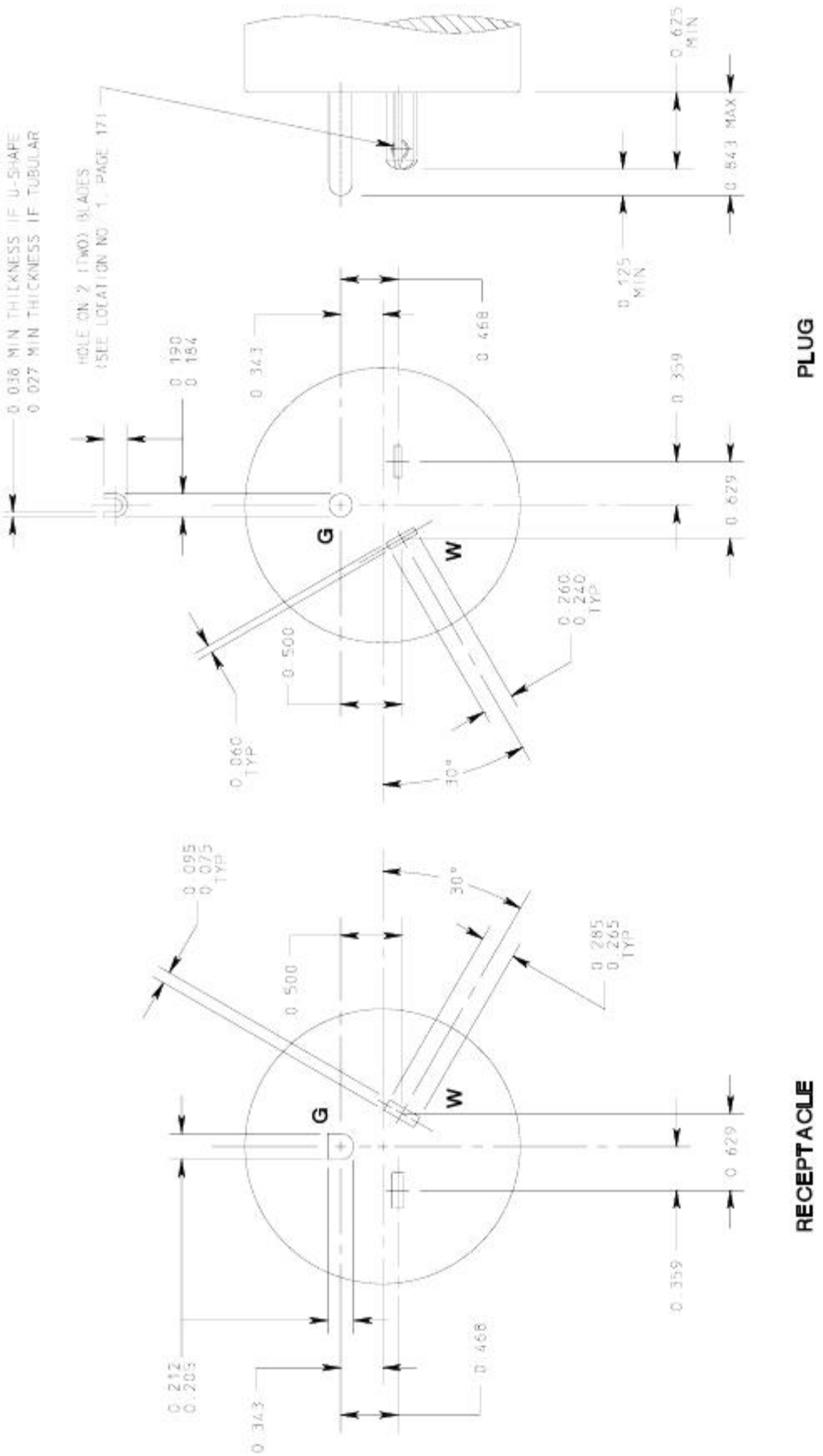


FIGURE 24-20
PLUG AND RECEPTACLE
347 volts ac, 20 amperes, 2 pole, 3 wire grounding type

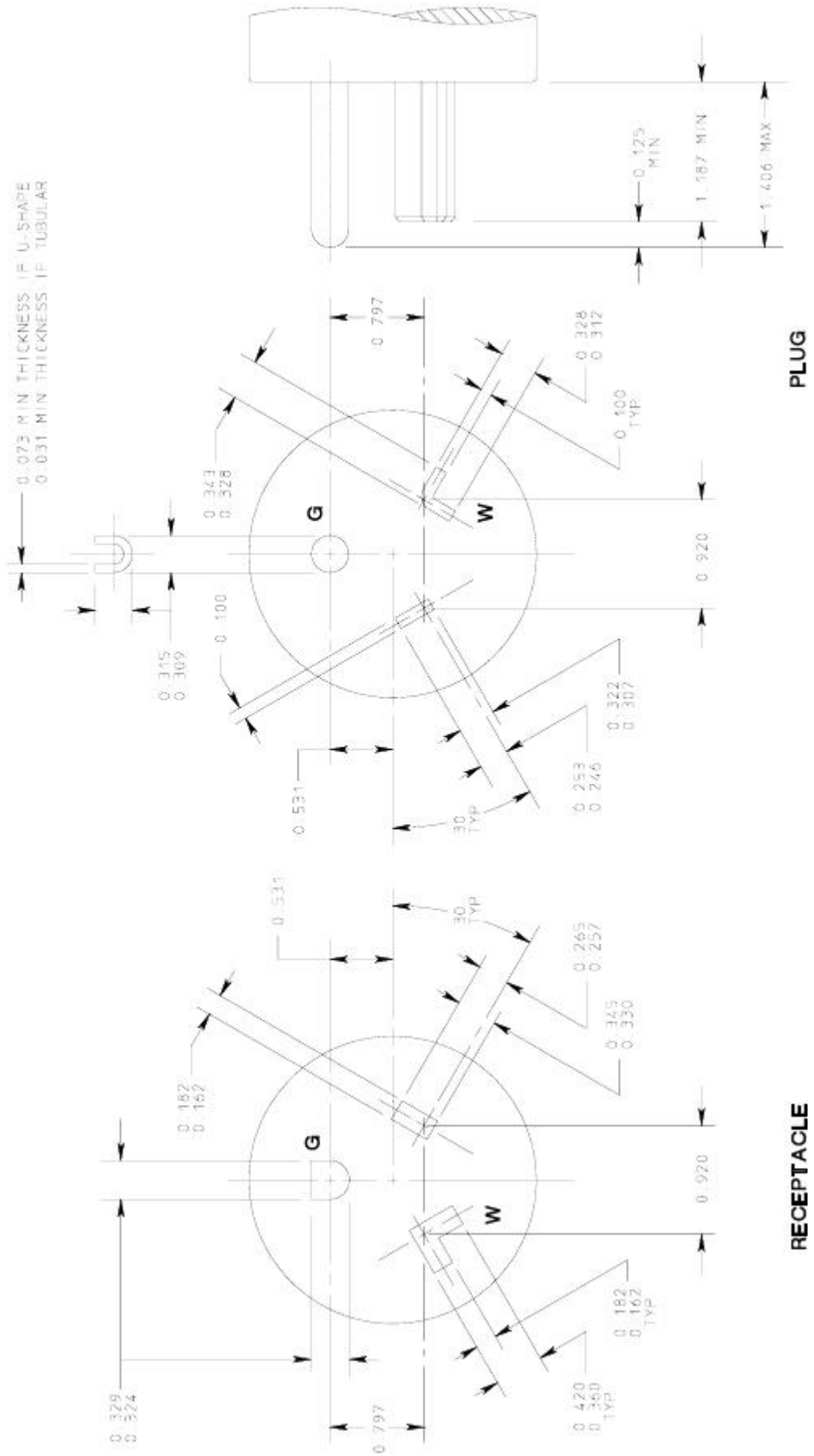


FIGURE 24–30
PLUG AND RECEPTACLE
347 volts ac, 30 amperes, 2 pole, 3 wire, Grounding type

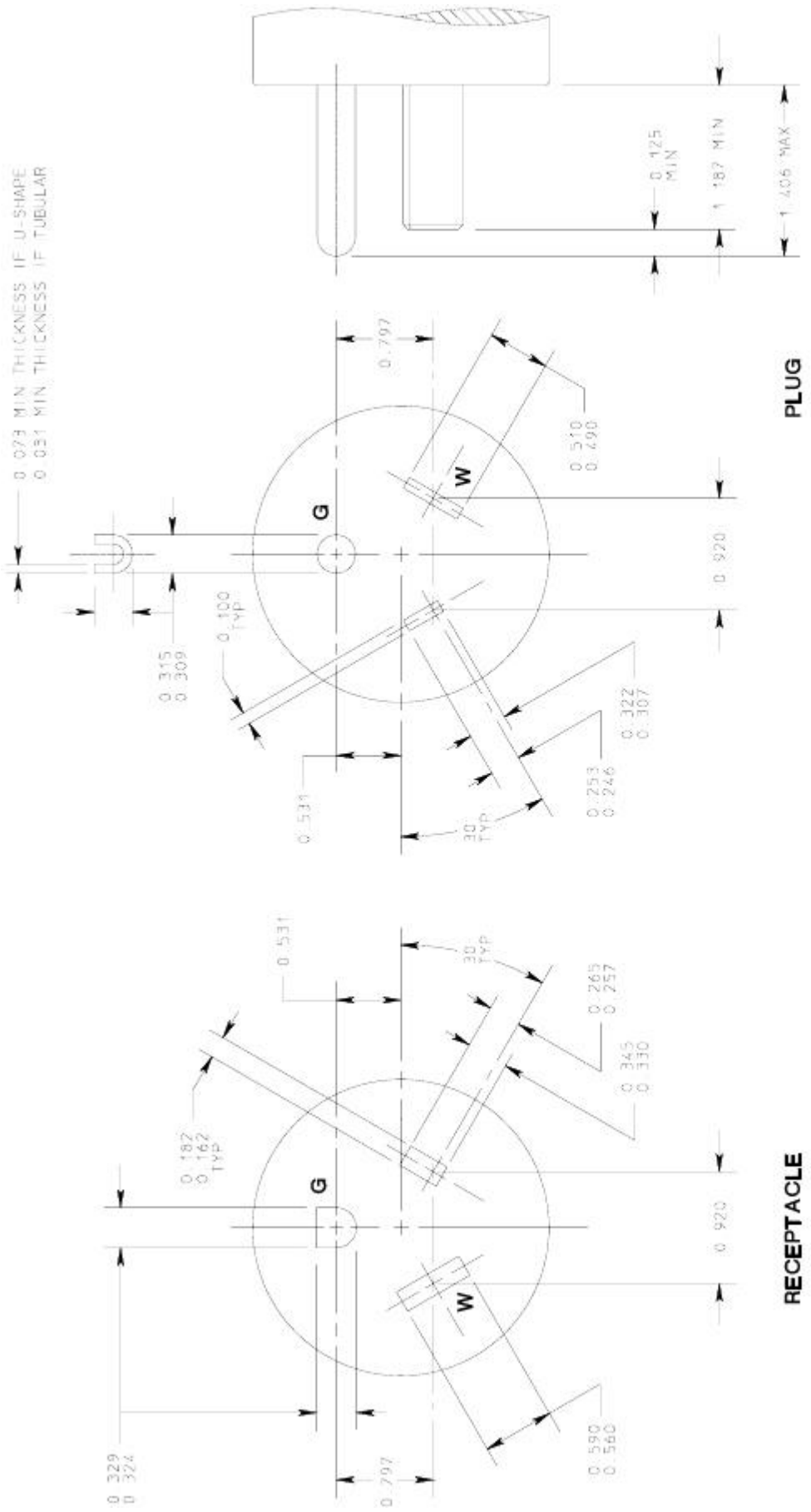


FIGURE 24–50
PLUG AND RECEPTACLE
347 volts ac, 50 amperes, 2 pole, 3 wire, Grounding type

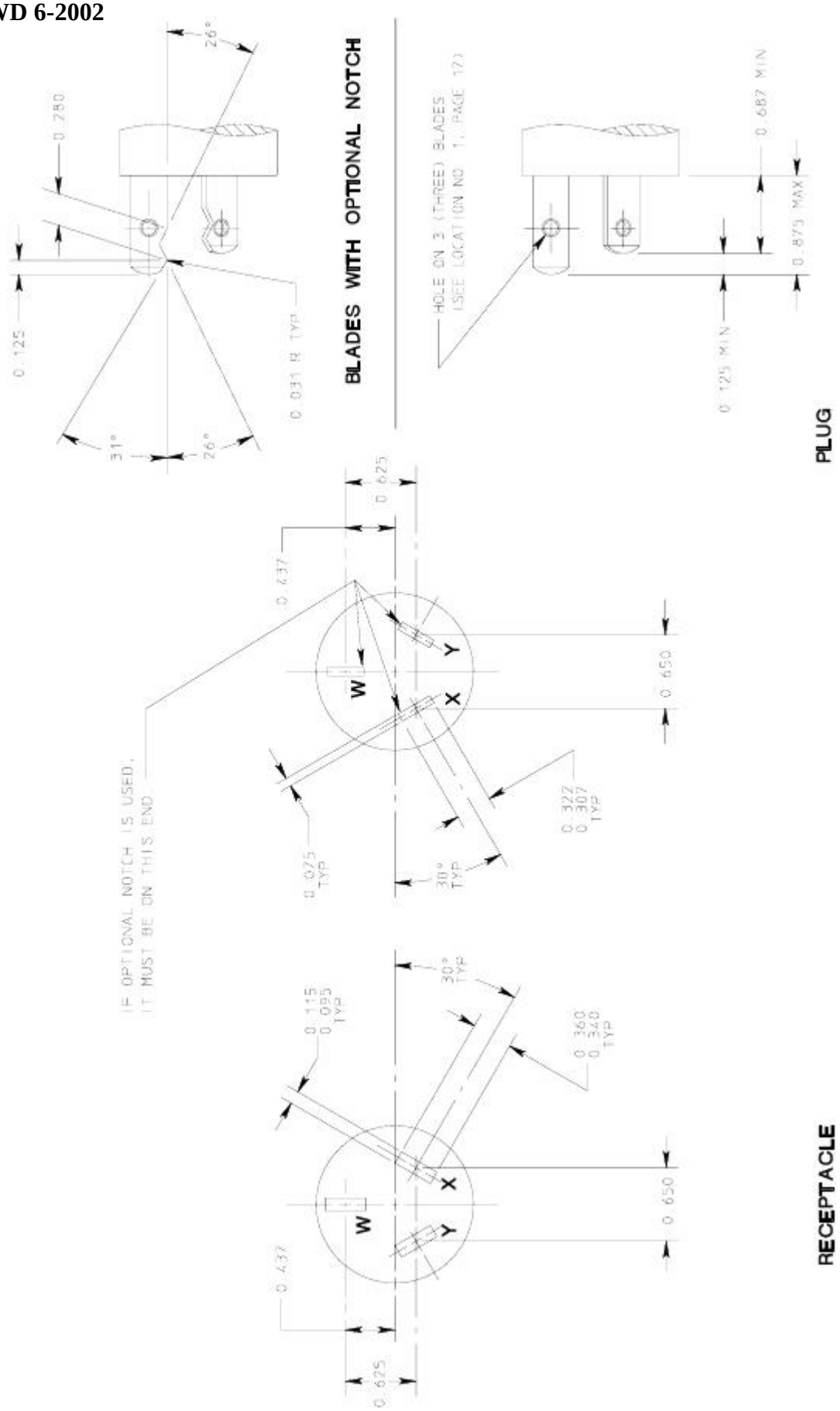


FIGURE 10–20
PLUG AND RECEPTACLE
125/250 volts, 20 amperes, 3 pole, 3 wire

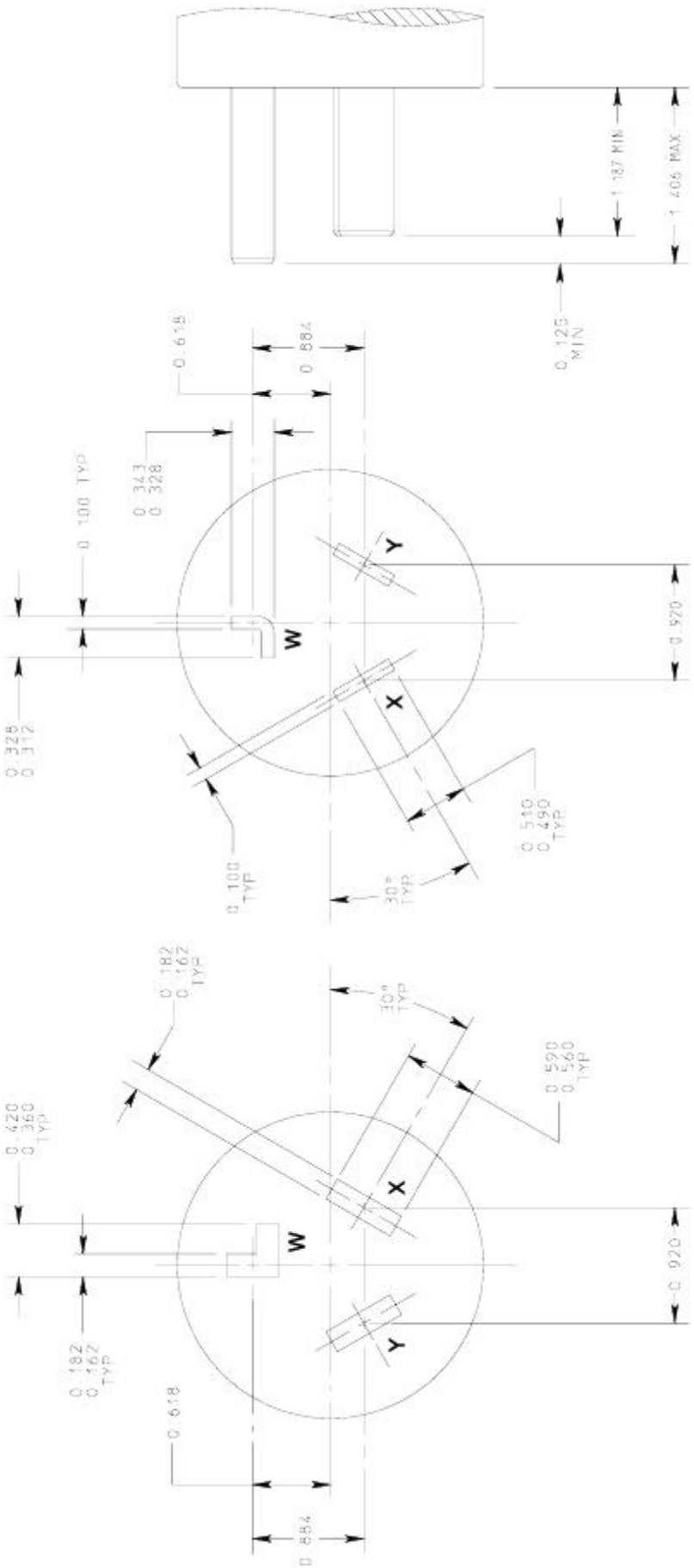


FIGURE 10-30
PLUG AND RECEPTACLE
125-250 volts, 30 amperes, 3 pole, 3 wire

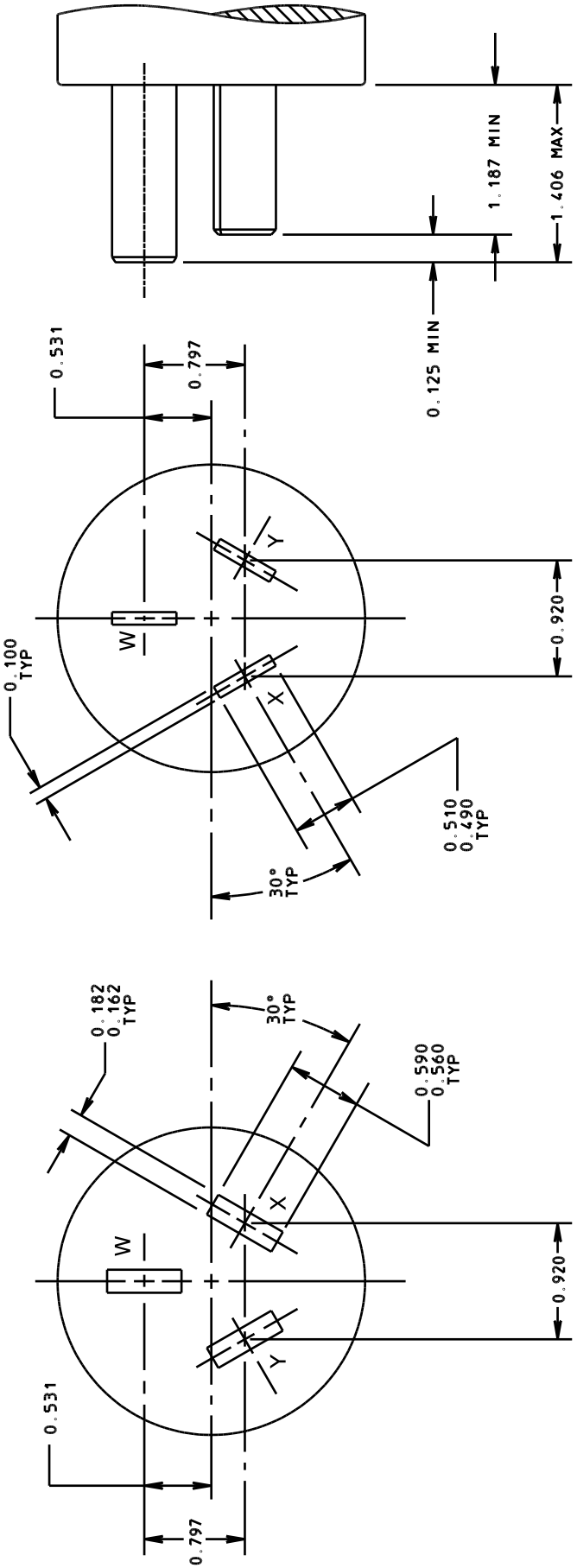


FIGURE 10-50
PLUG AND RECEPTACLE
125-250 volts, 50 amperes, 3 pole, 3 wire

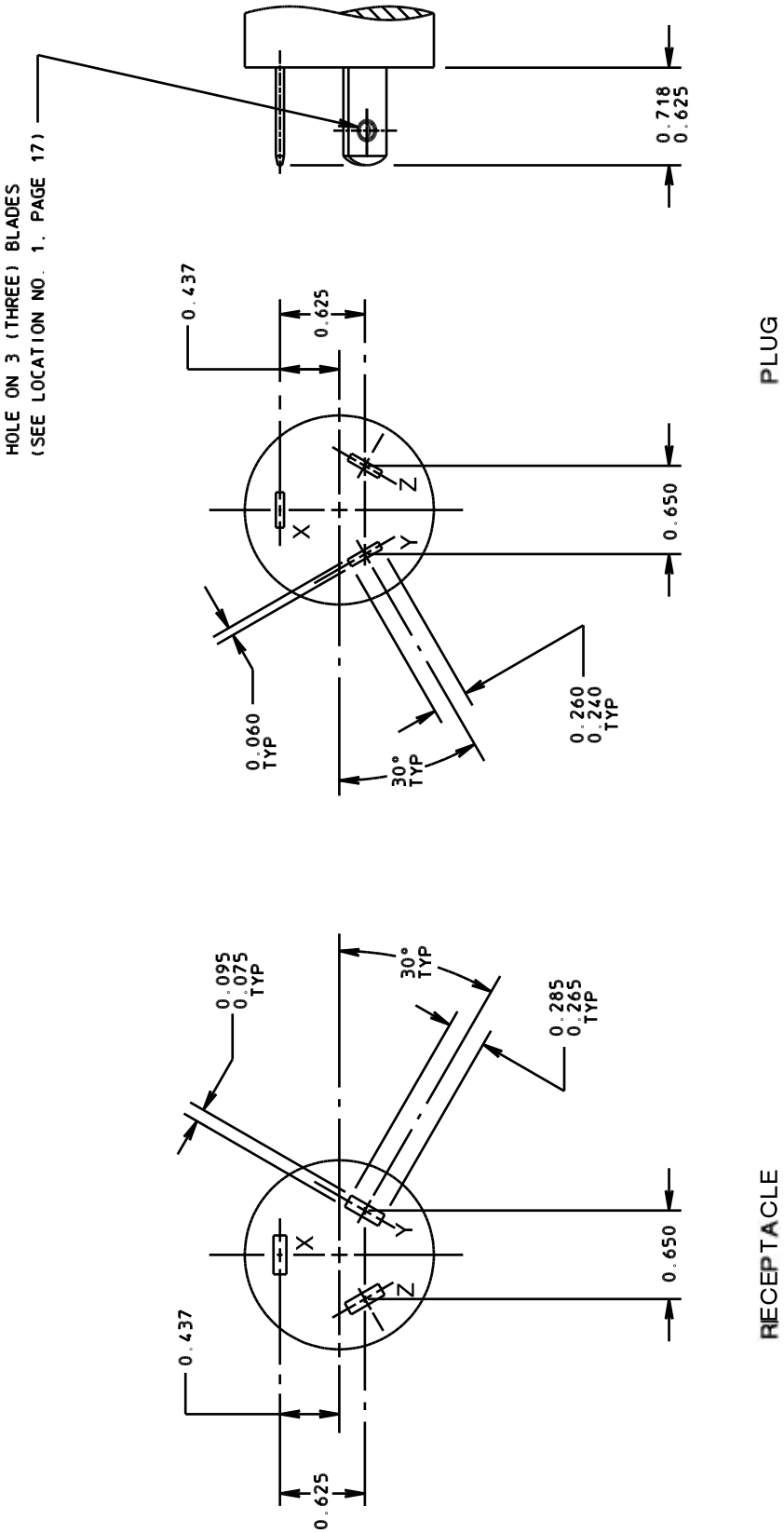


FIGURE 11–15
PLUG AND RECEPTACLE
250 volts, 15 amperes, 3 phase, 3 pole, 3 wire

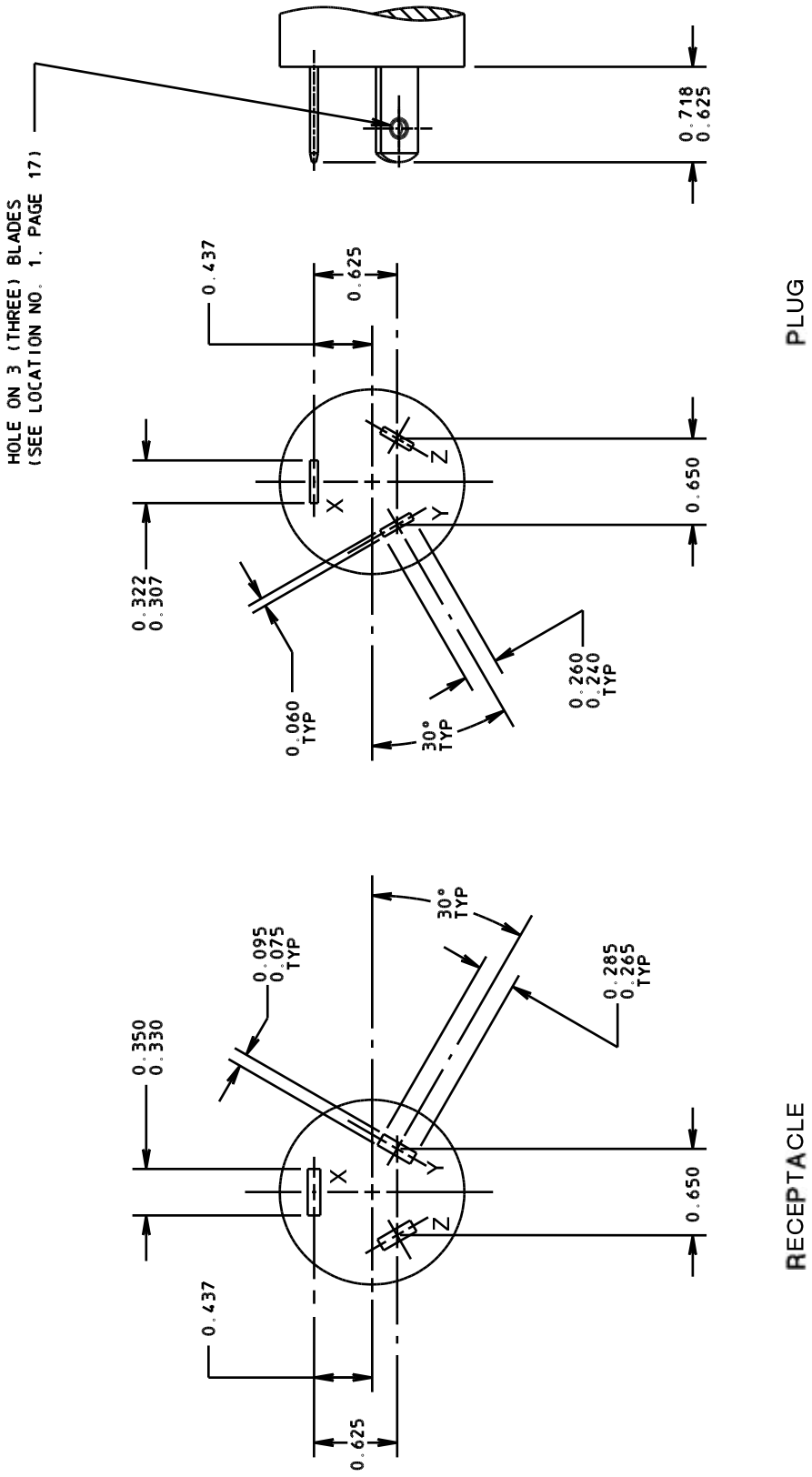
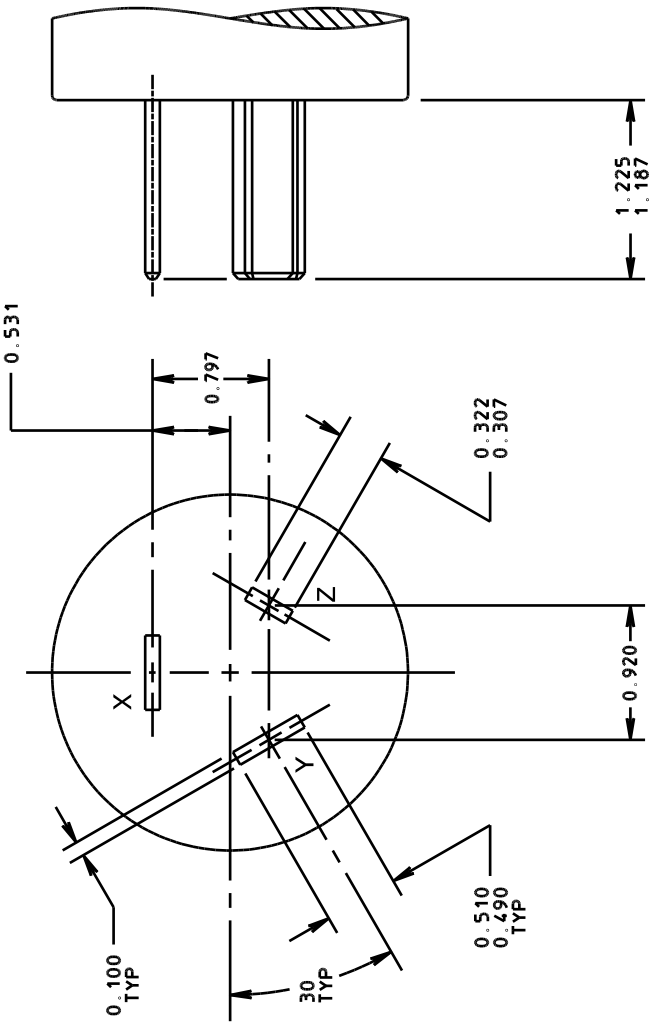
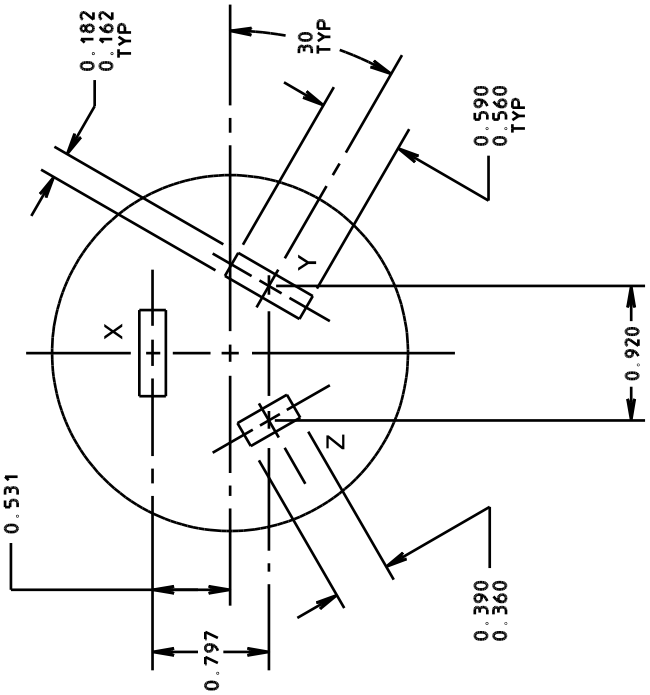


FIGURE 11-20
PLUG AND RECEPTACLE
250 volts, 20 amperes, 3 phase, 3 pole, 3 wire



PLUG



RECEPTACLE

FIGURE 11–30
PLUG AND RECEPTACLE
250 volts, 30 amperes, 3 phase, 3 pole, 3 wire

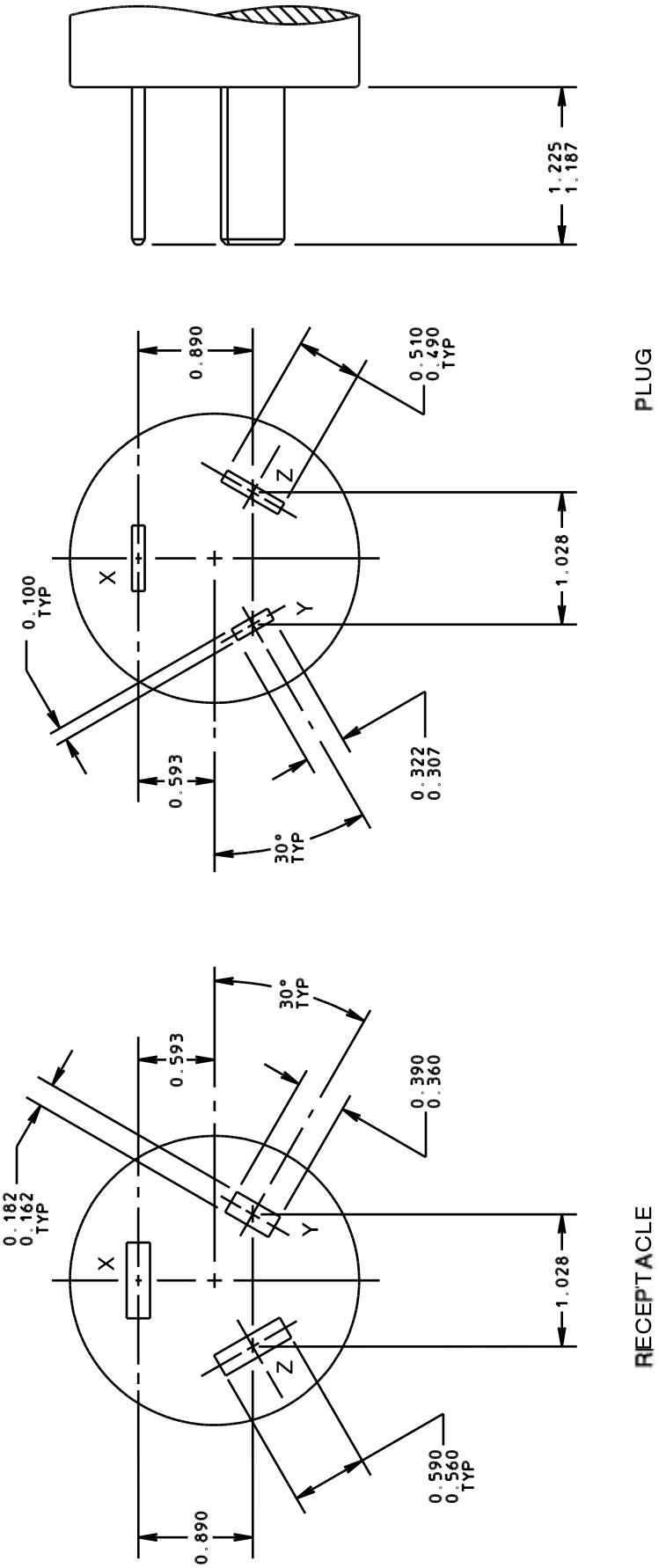


FIGURE 11–50
PLUG AND RECEPTACLE
250 volts, 50 amperes, 3 phase, 3 pole, 3 wire

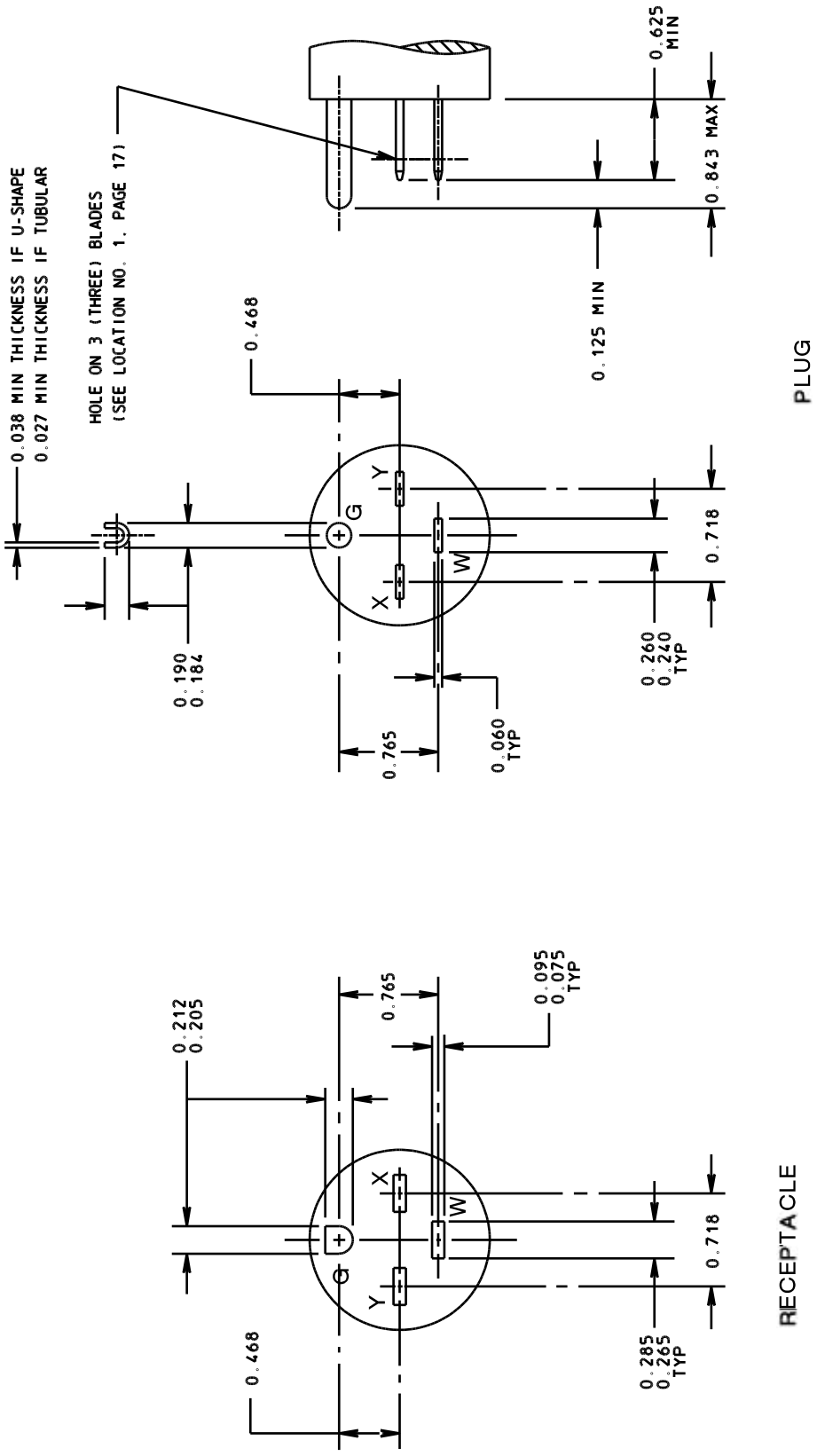


FIGURE 14-15
PLUG AND RECEPTACLE
125-250 volts, 15 amperes, 3 pole, 4 wire, Grounding type

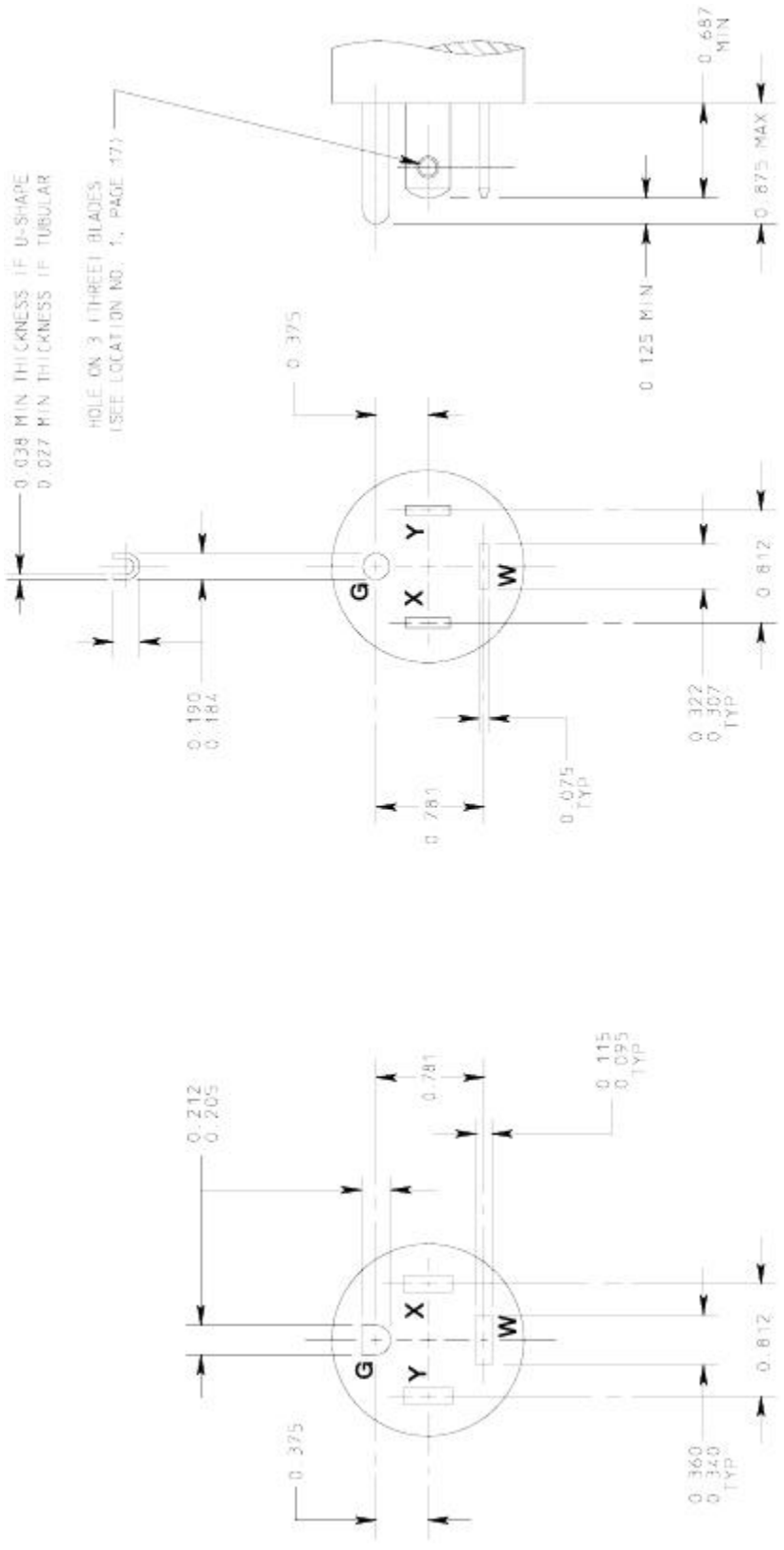


FIGURE 14-20
PLUG AND RECEPTACLE
125-250 volts, 20 amperes, 3 pole, 4 wire, Grounding type

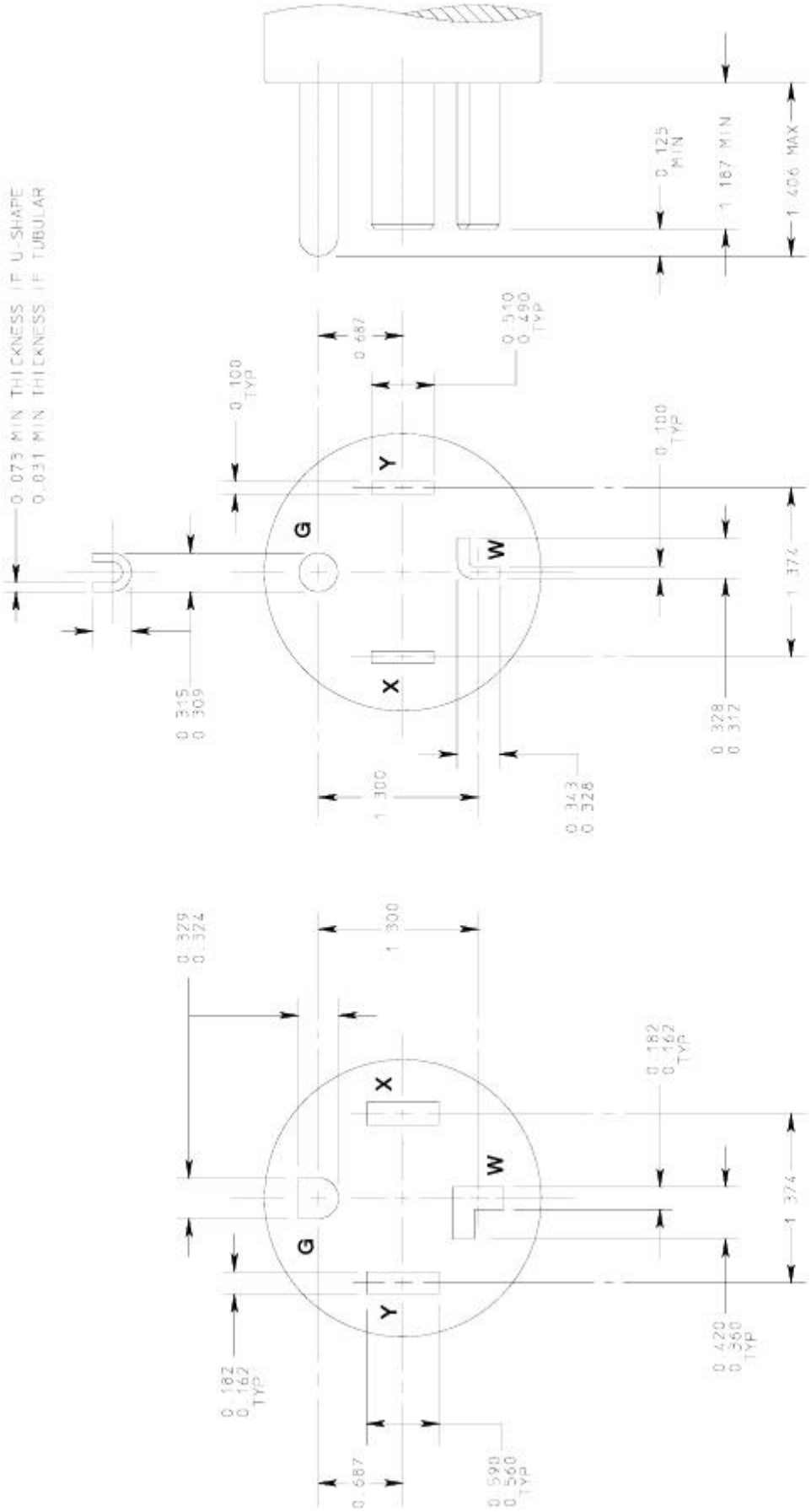


FIGURE 14–30
PLUG AND RECEPTACLE
125/250 volts, 30 amperes, 3 pole, 4 wire, Grounding type

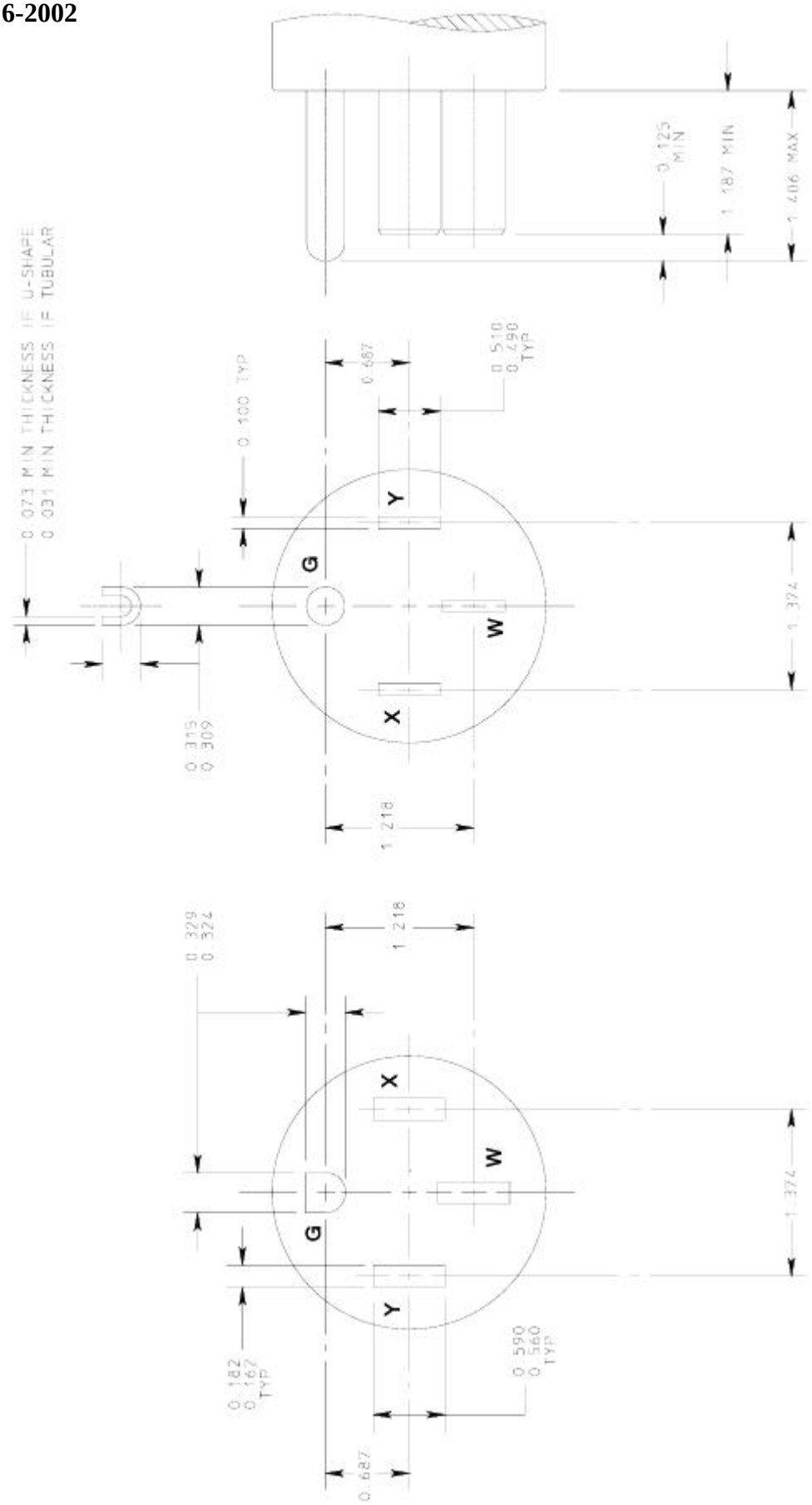


FIGURE 14-50
PLUG AND RECEPTACLE
125-250 volts, 50 amperes, 3 pole, 4 wire, Grounding type

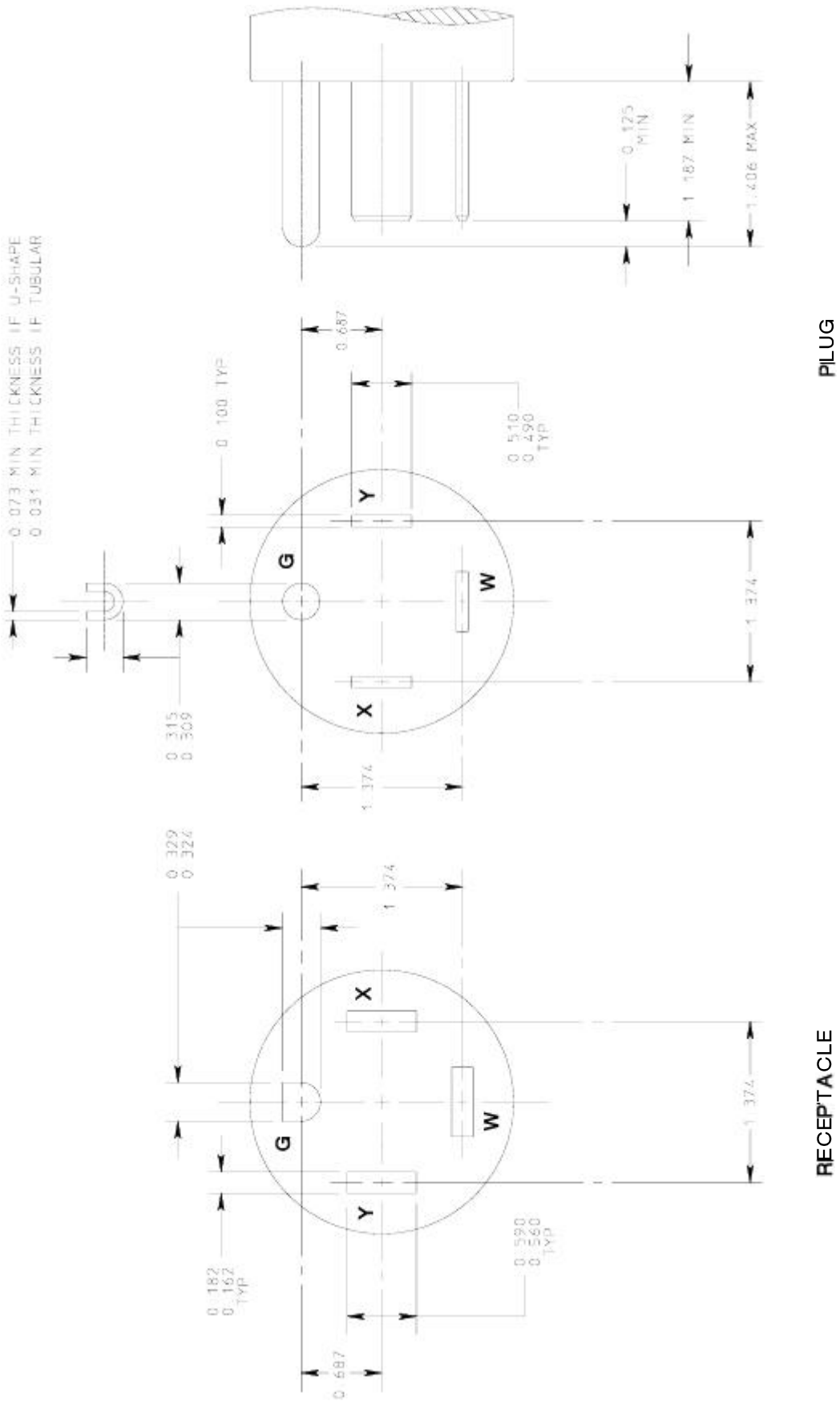


FIGURE 14-60
PLUG AND RECEPTACLE
125-250 volts, 60 amperes, 3 pole, 4 wire, Grounding type

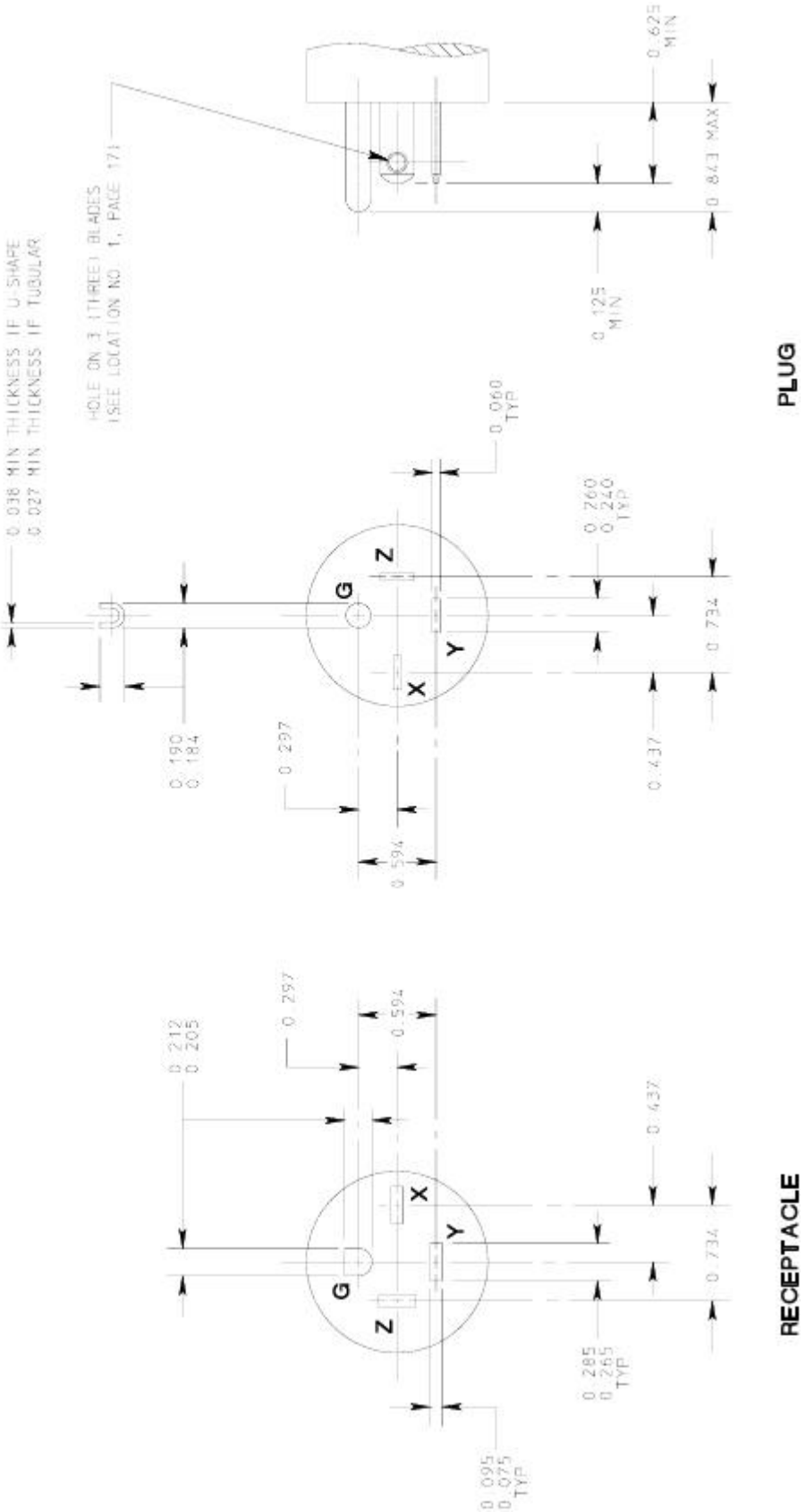


FIGURE 15-15
PLUG AND RECEPTACLE
250 volts, 15 amperes, 3 phase, 3 pole, 4 wire, grounding type

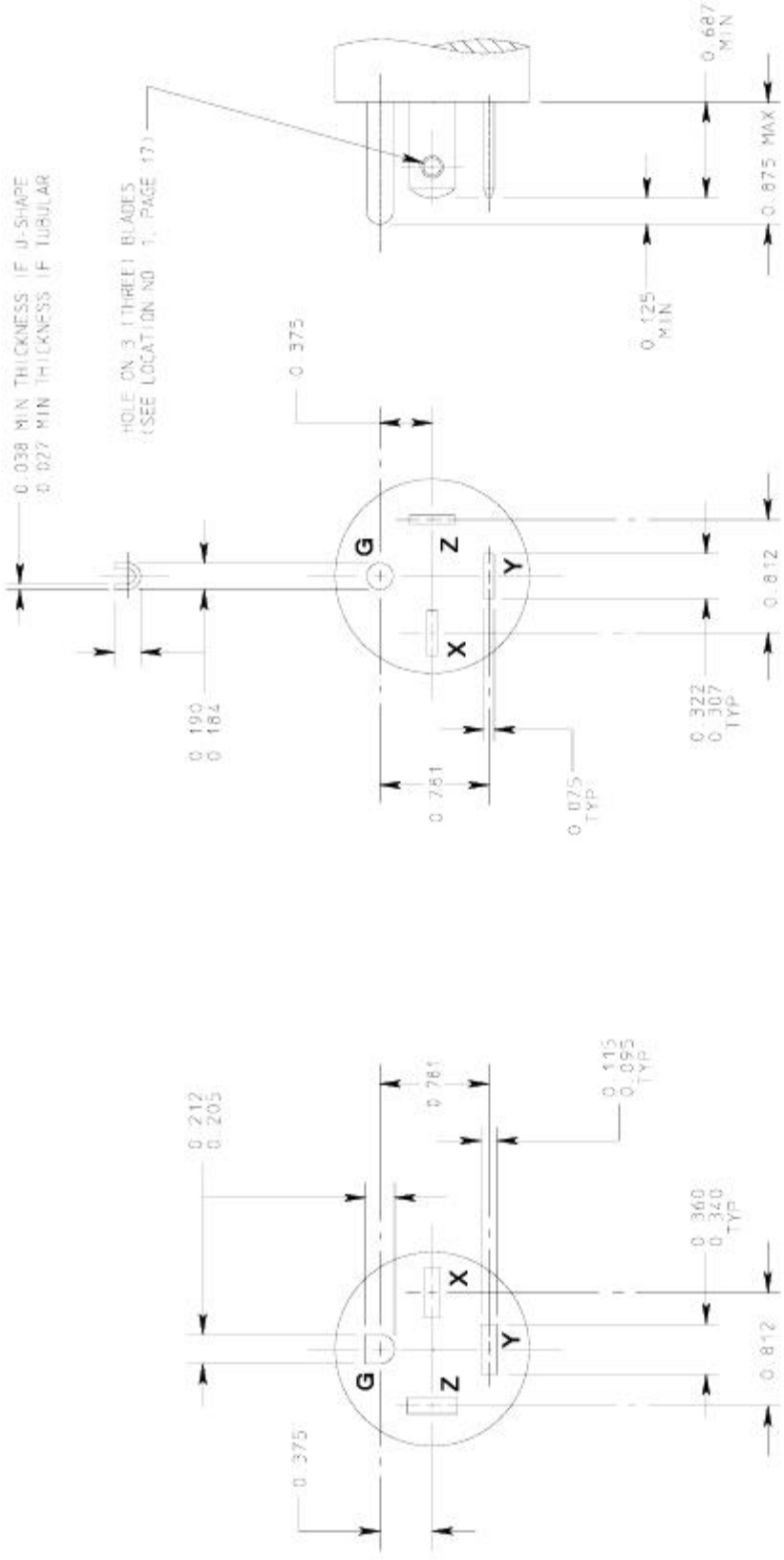


FIGURE 15–20
PLUG AND RECEPTACLE
250 volts, 20 amperes, 3 phase, 3 pole, 4 wire, Grounding type

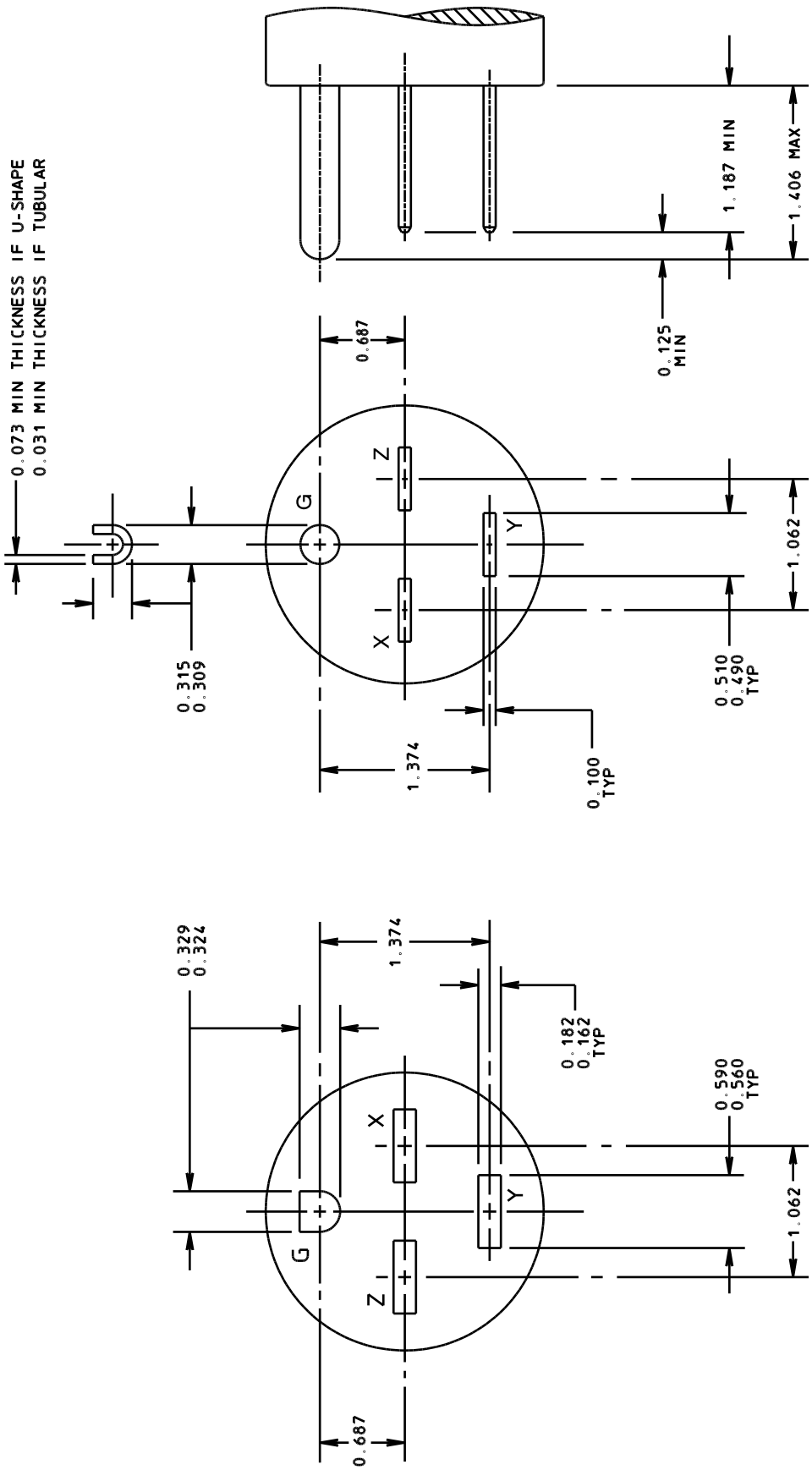


FIGURE 15-30
PLUG AND RECEPTACLE
250 volts, 30 amperes, 3 phase, 3 pole, 4 wire, Grounding type

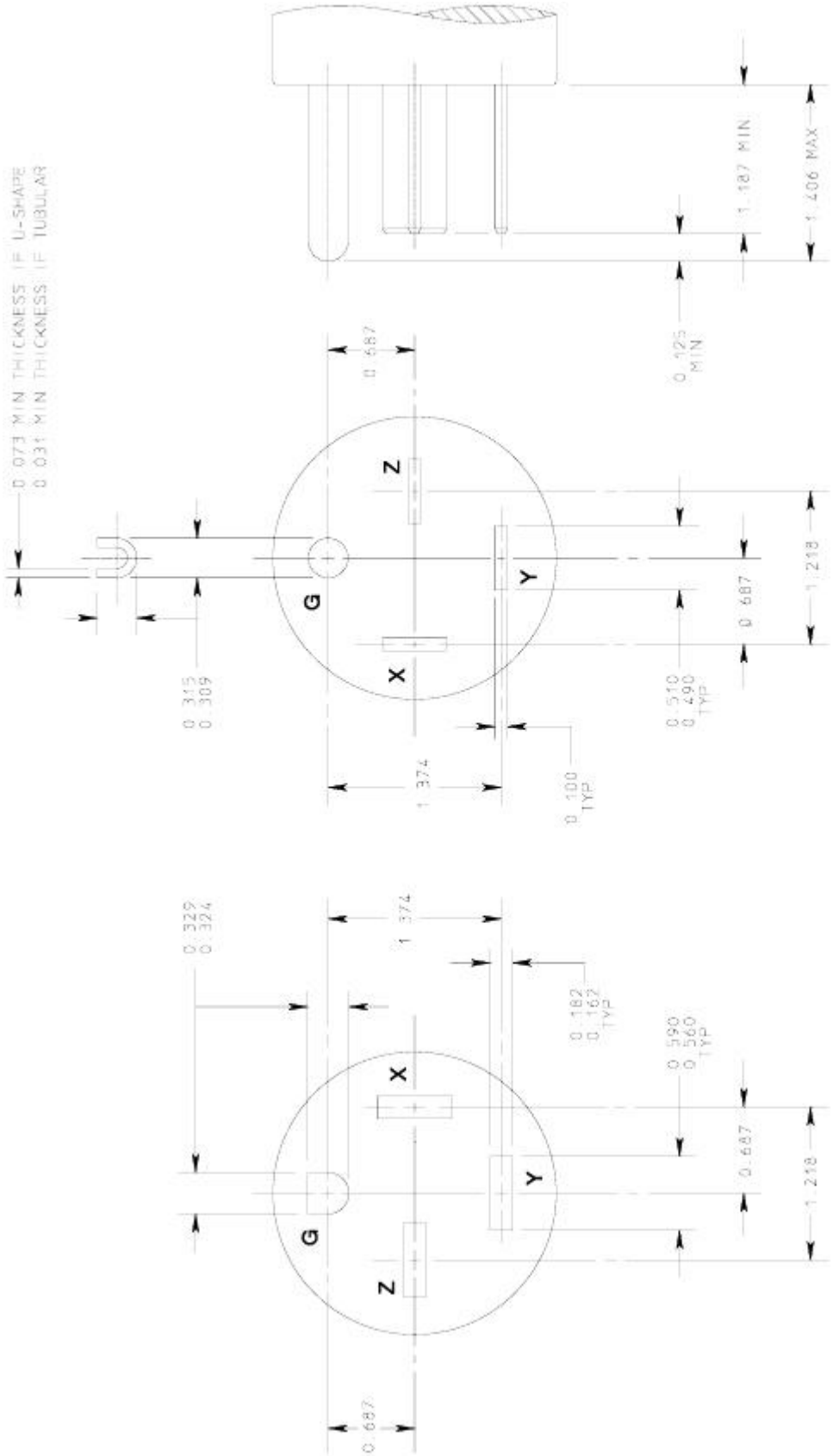


FIGURE 15–50
PLUG AND RECEPTACLE
250 volts, 50 amperes, 3 phase, 3 pde, 4 wire, Grounding type

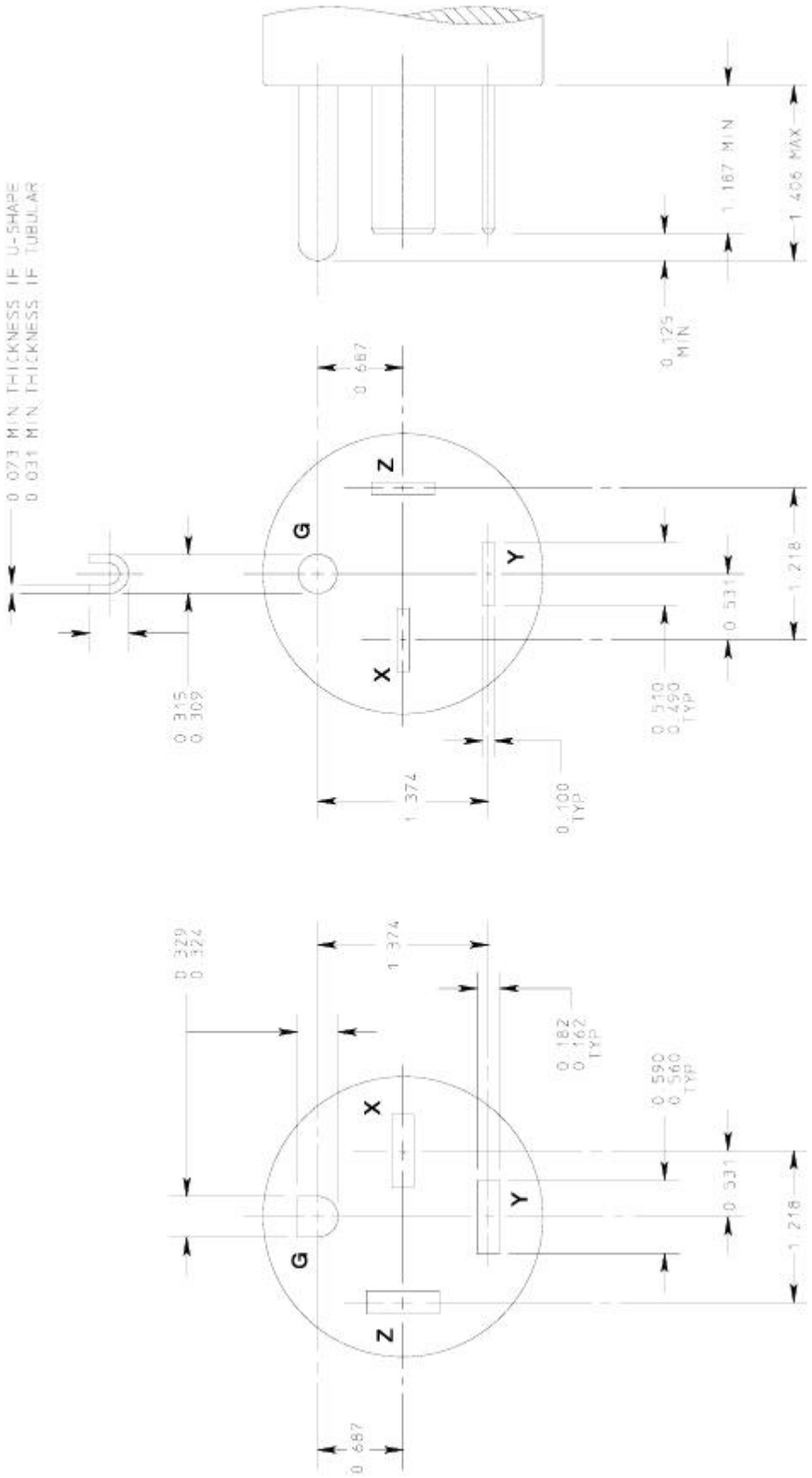


FIGURE 15–60
PLUG AND RECEPTACLE
250 volts, 60 amperes, 3 phase, 3 pole, 4 wire, Grounding type

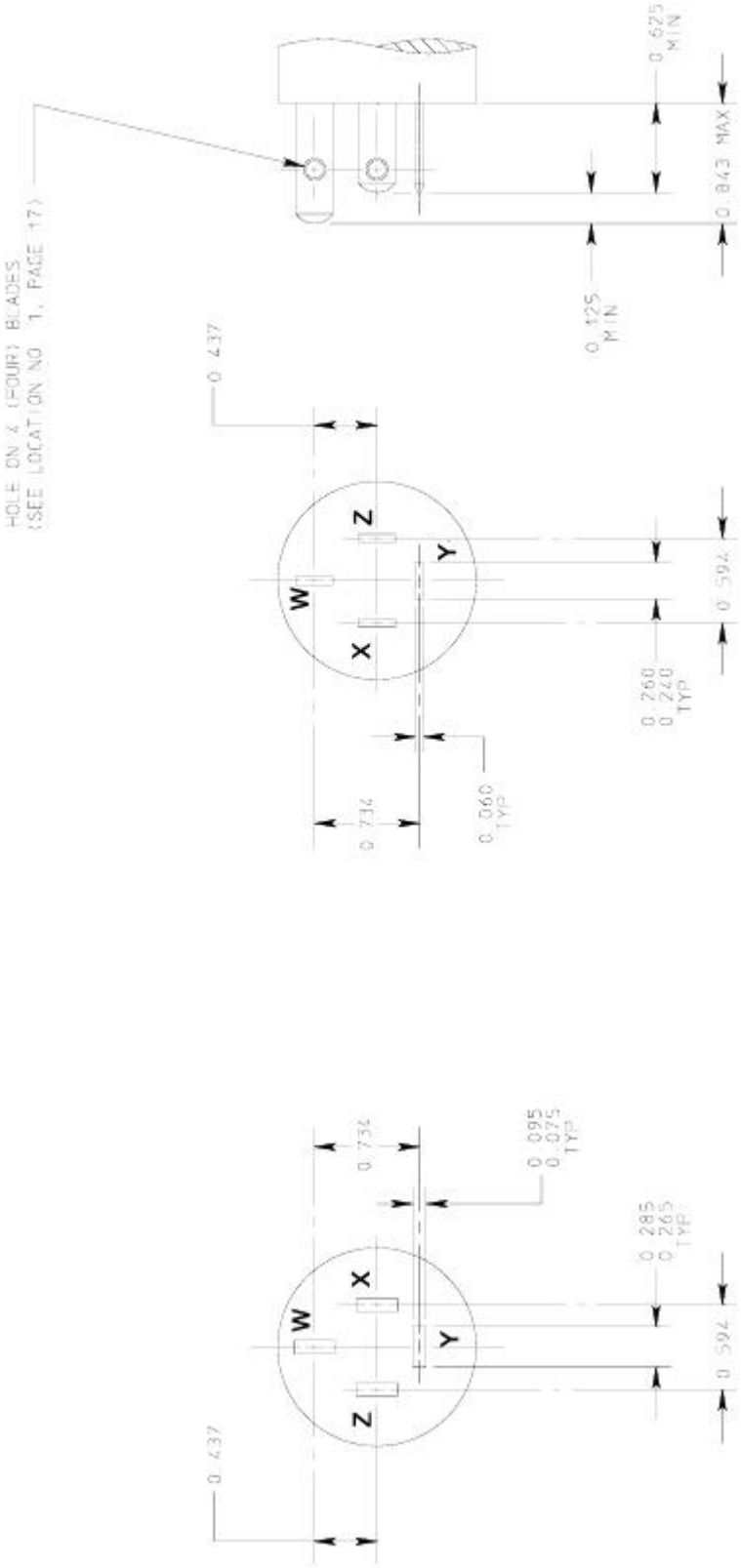


FIGURE 18-15
PLUG AND RECEPTACLE
120/208 volts, 15 amperes, 3 phase Y, 4 pole, 4 wire

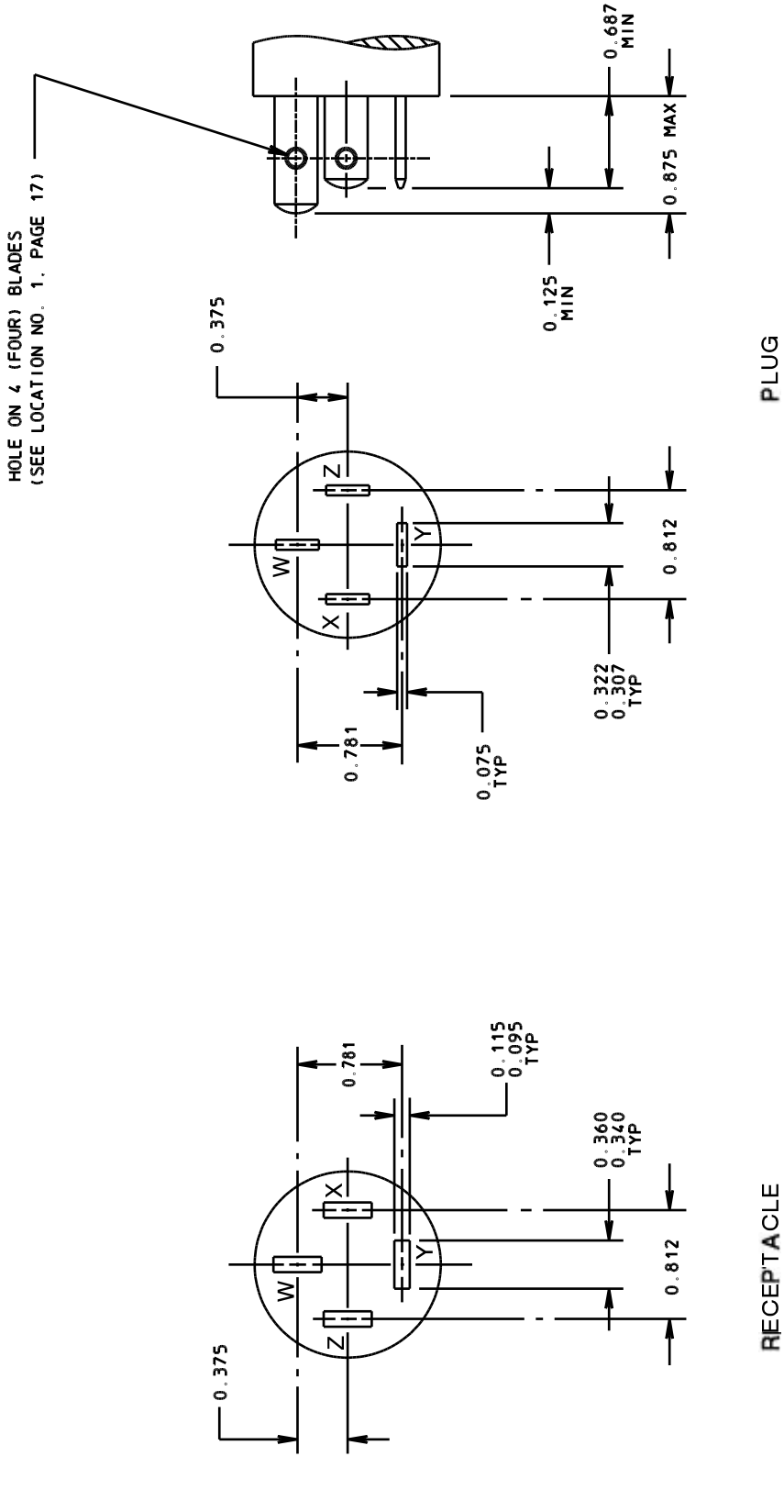


FIGURE 18—20
PLUG AND RECEPTACLE
120/208 volts, 20 amperes, 3 phase Y, 4 pole, 4 wire

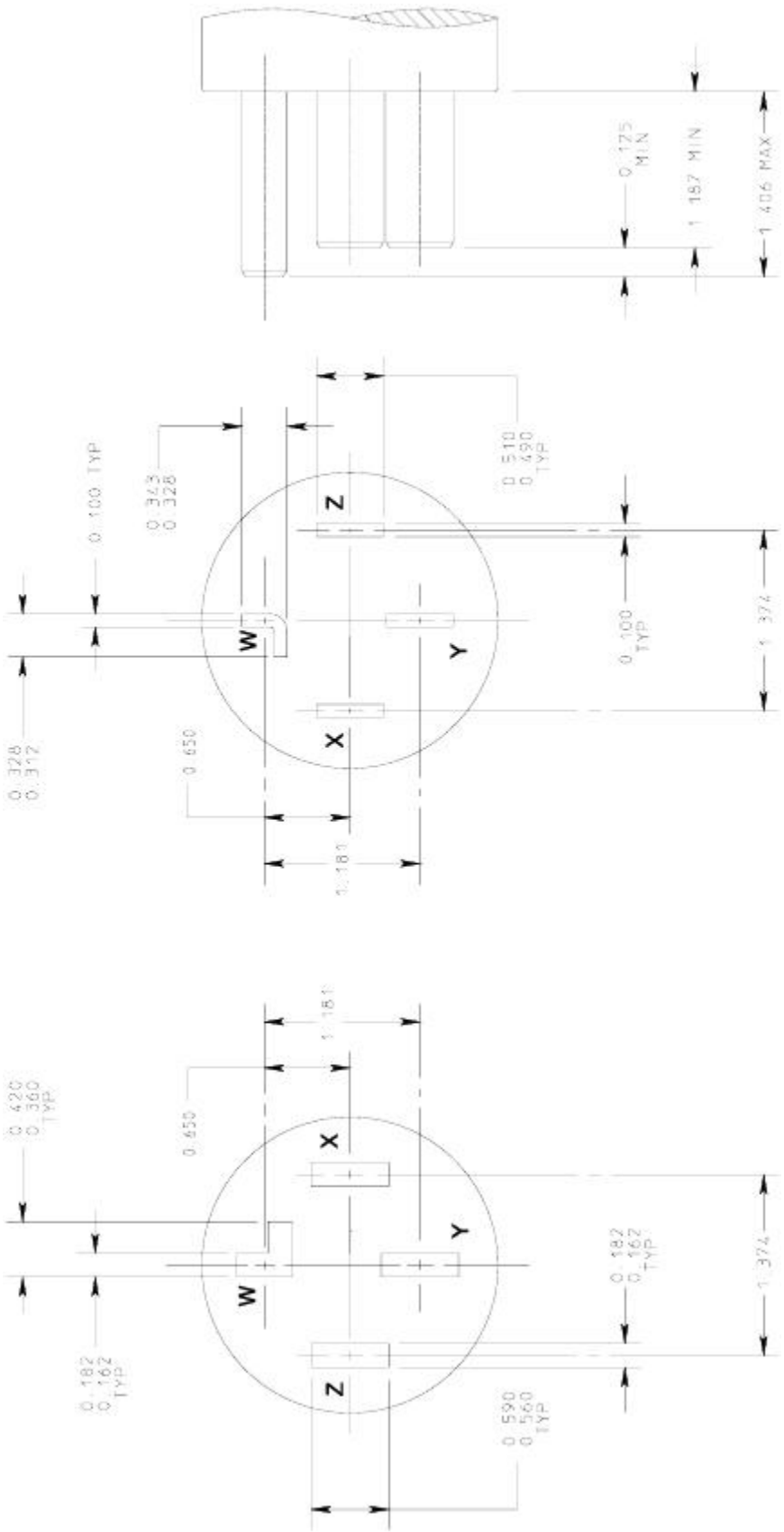


FIGURE 18-30
PLUG AND RECEPTACLE
120-208 volts, 30 amperes, 3 phase Y, 4 pole, 4 wire

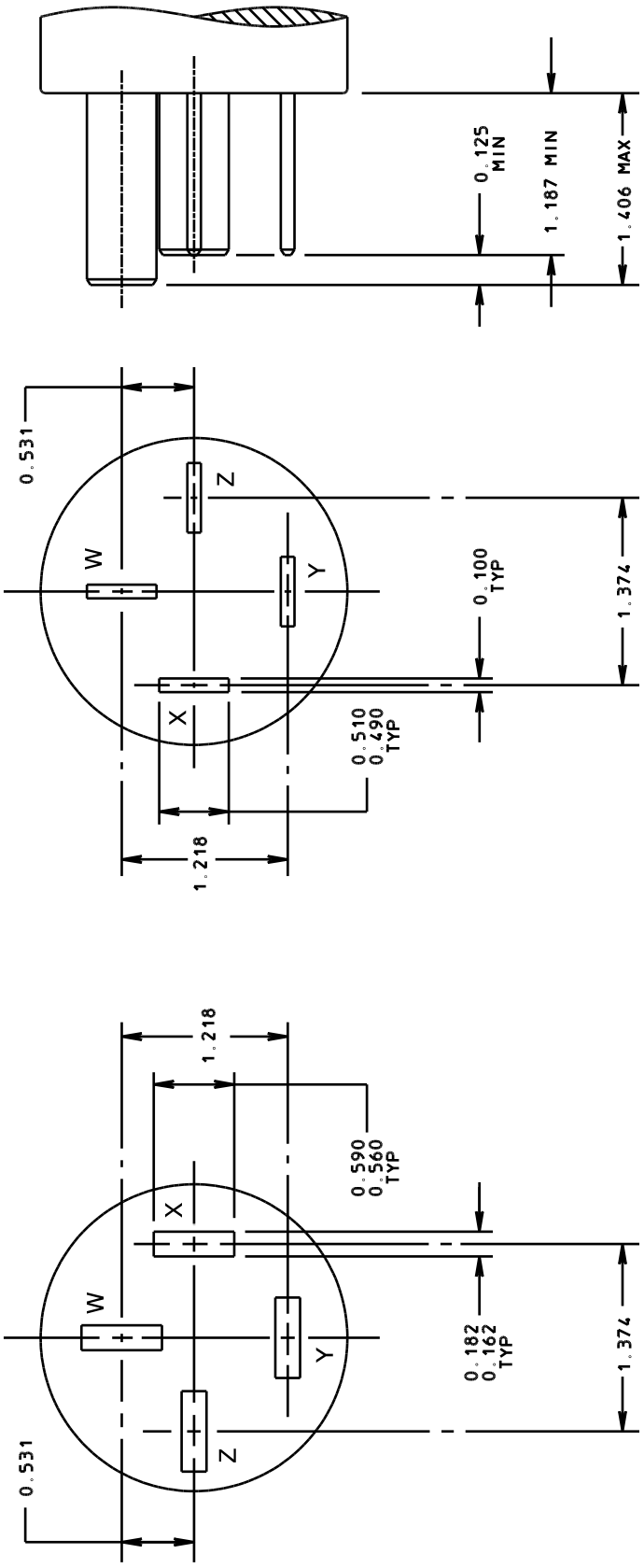


FIGURE 18-50
PLUG AND RECEPTACLE
120/208 volts, 50 amperes, 3 phase Y, 4 pole, 4 wire

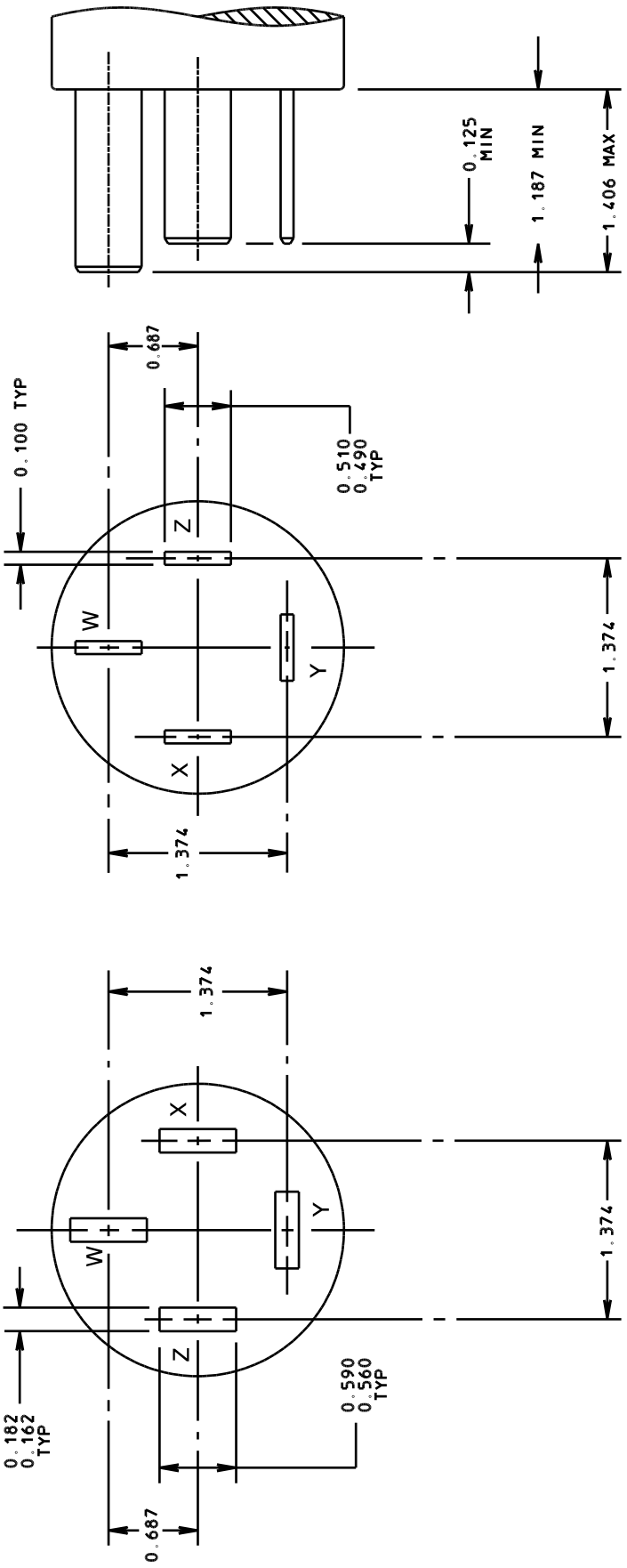


FIGURE 18—60
PLUG AND RECEPTACLE
120/208 volts, 60 amperes, 3 phase Y, 4 pole, 4 wire

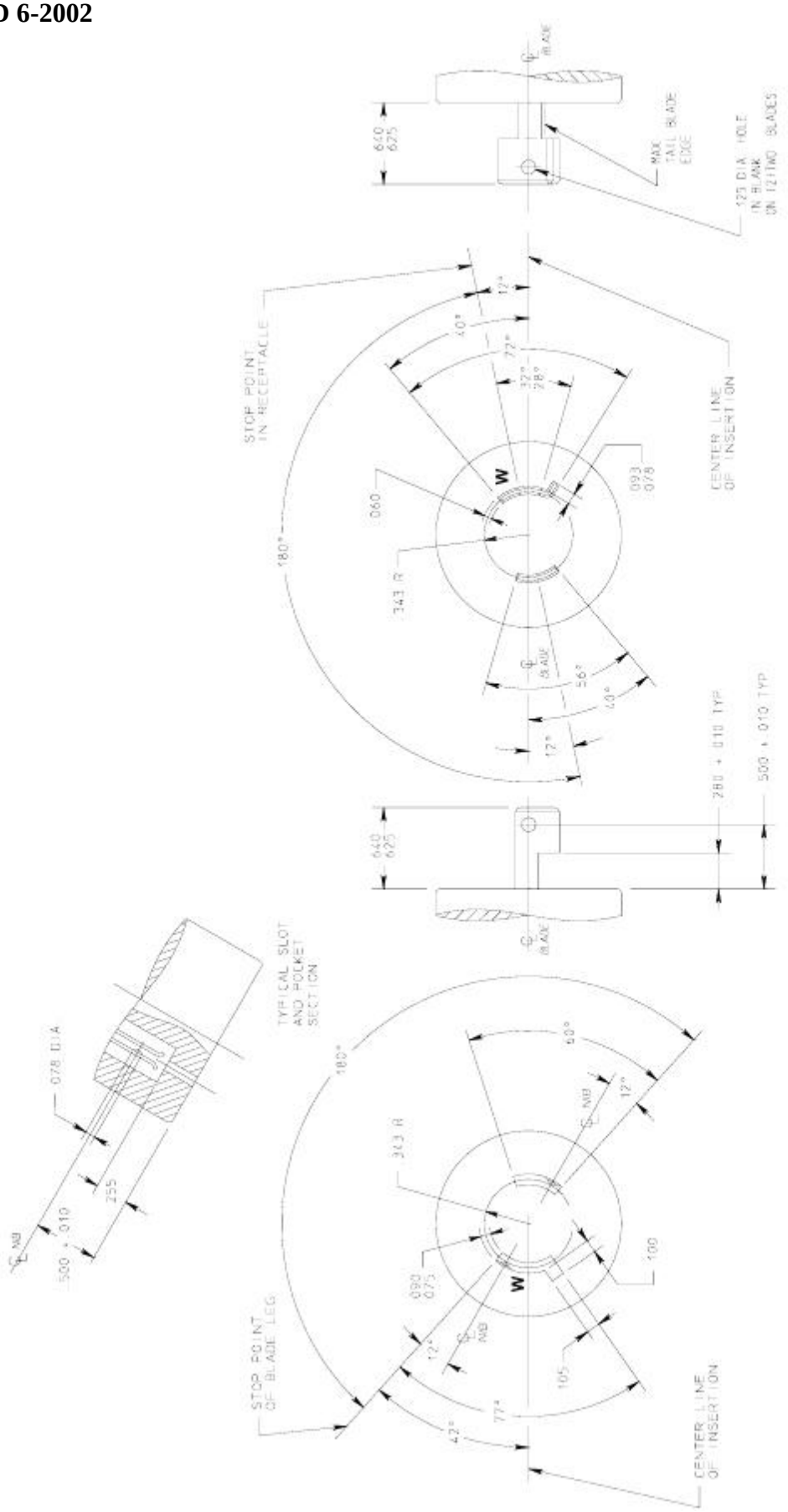


FIGURE L1-15
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 15 amperes, 2 pole, 2 wire

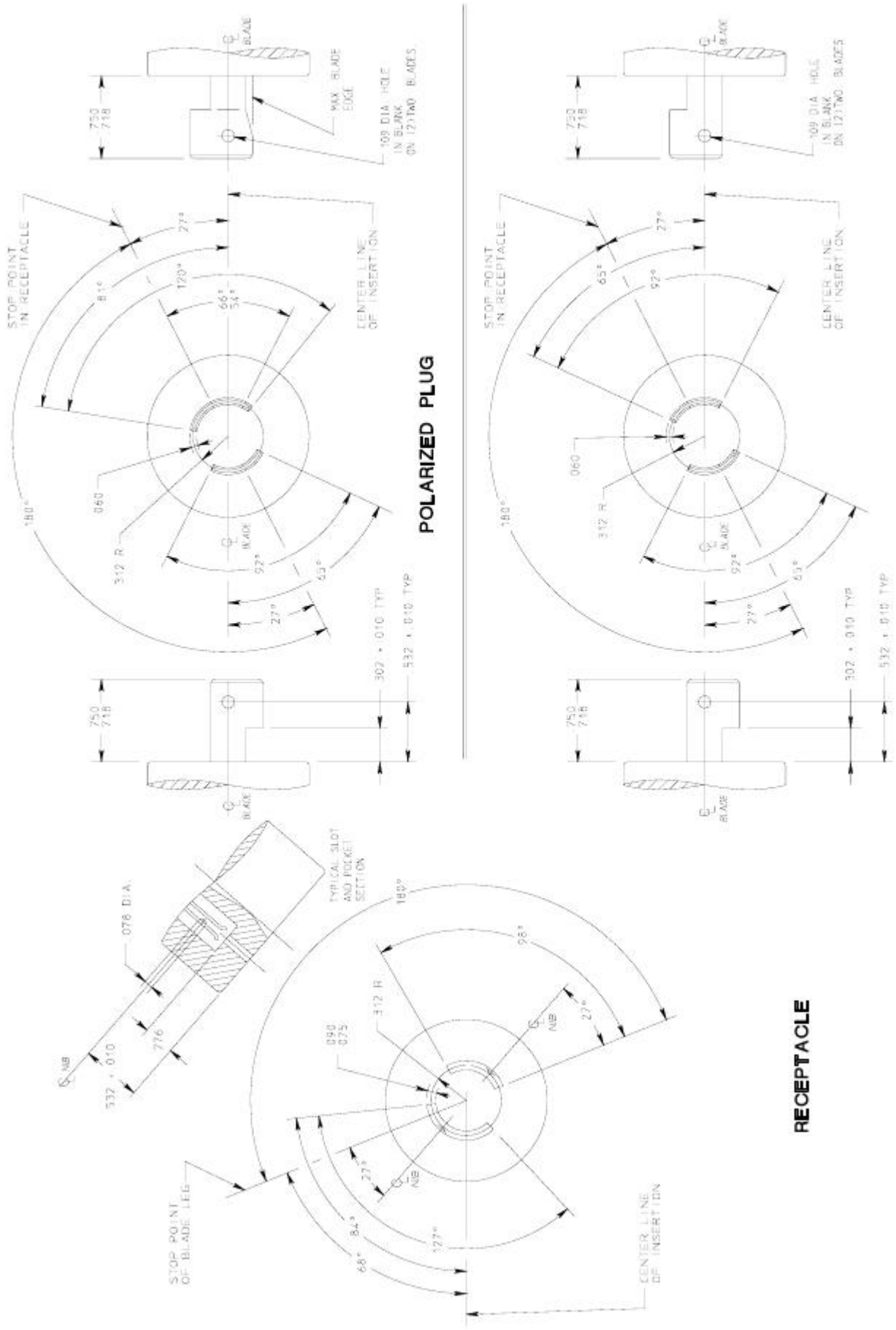


FIGURE L2-20
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 20 amperes, 2 pole, 2 wire

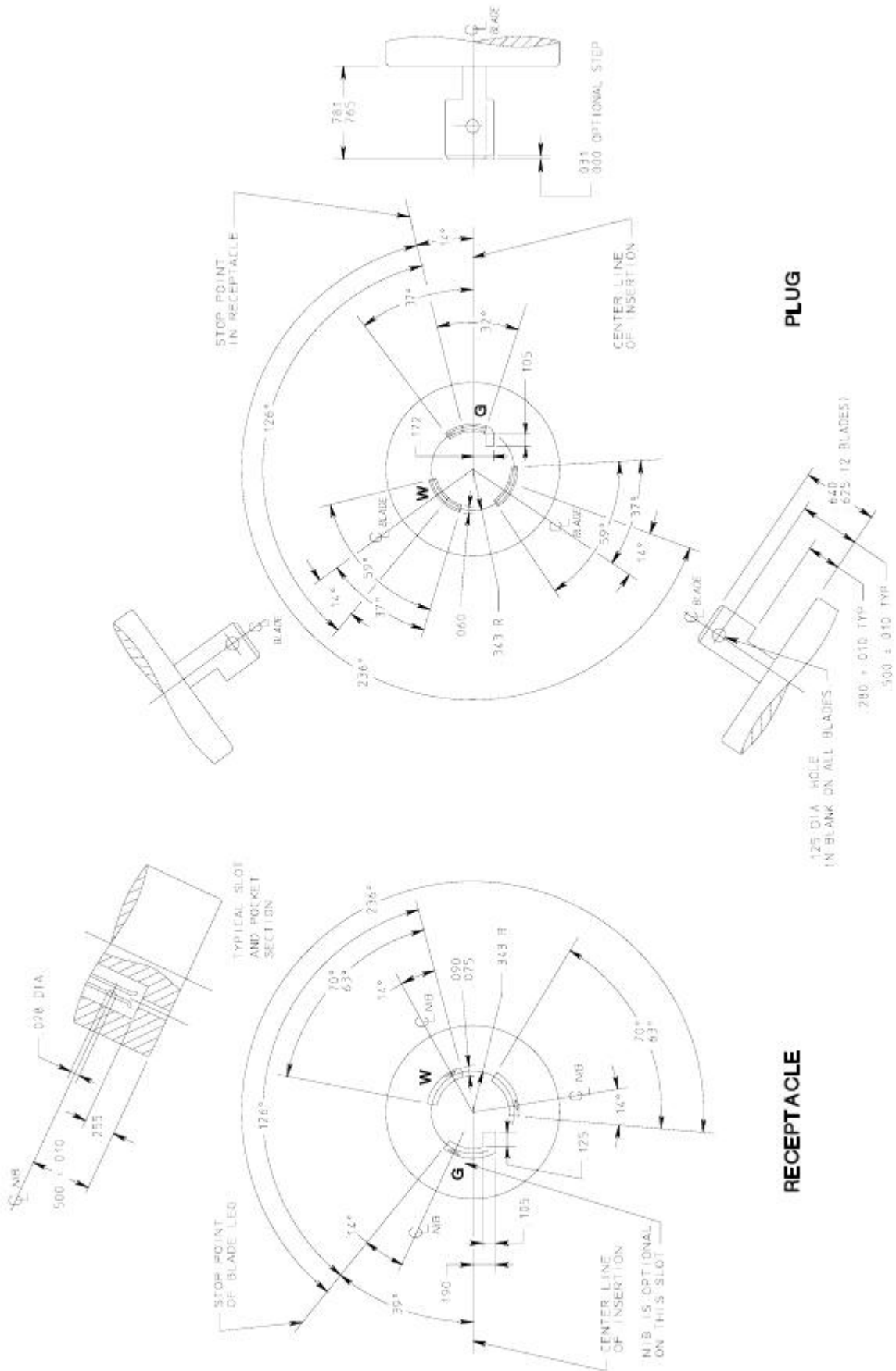


FIGURE L5-15
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 15 amperes, 2 pole, 3 wire, Grounding type

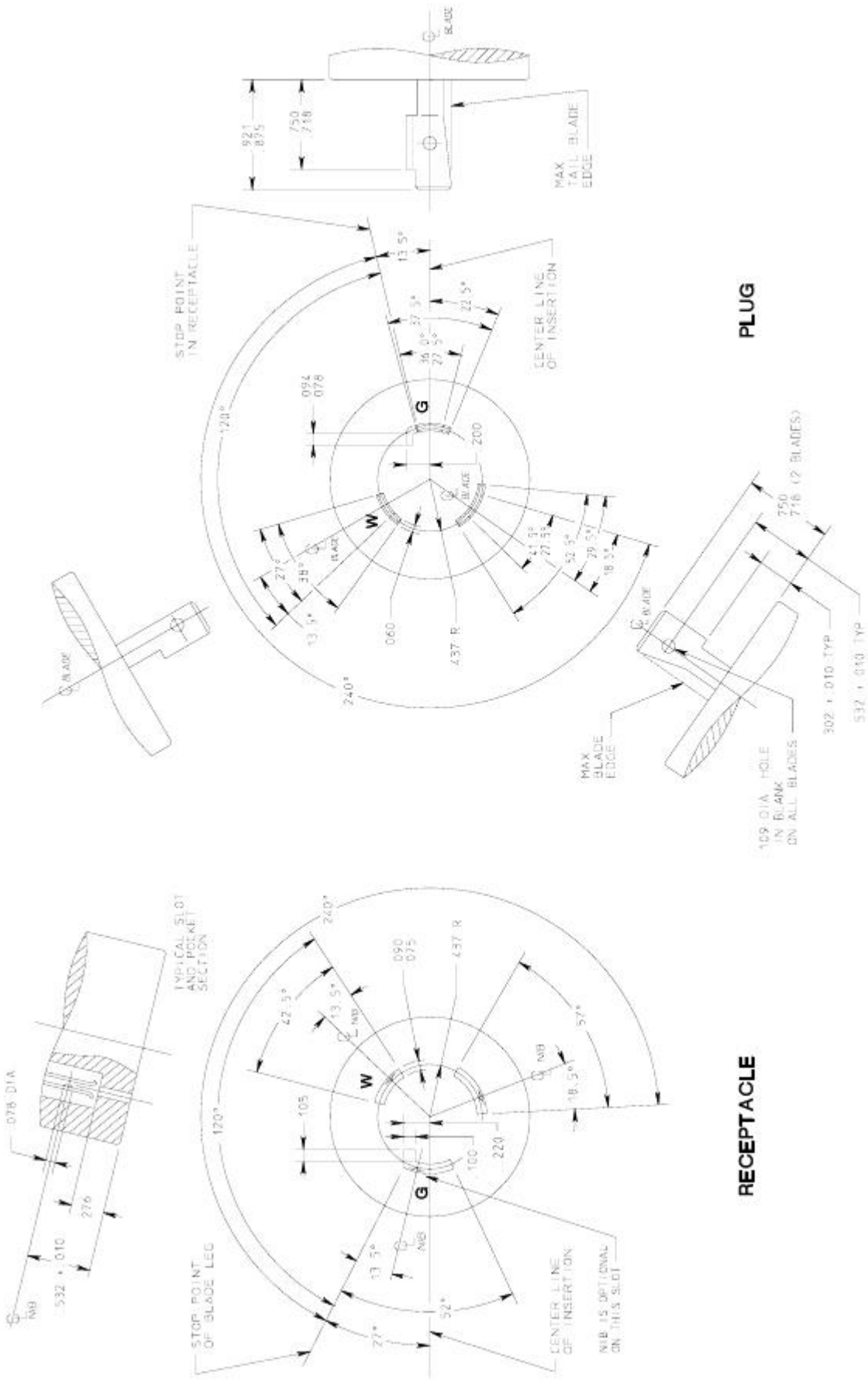


FIGURE L5-20
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 20 amperes, 2 pole, 3 wire, Grounding type

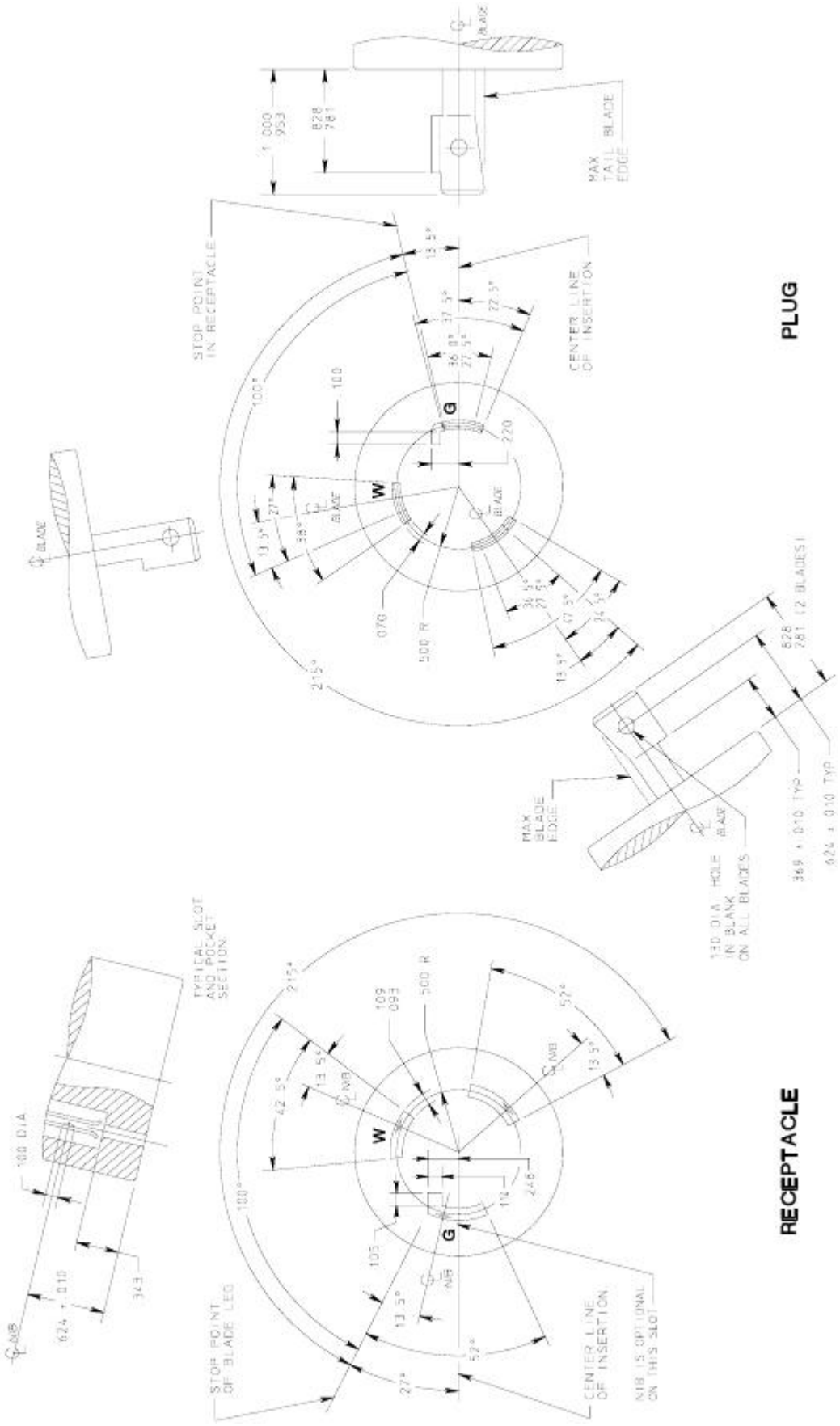


FIGURE L5–30
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 30 amperes, 2 pole, 3 wire, Grounding type

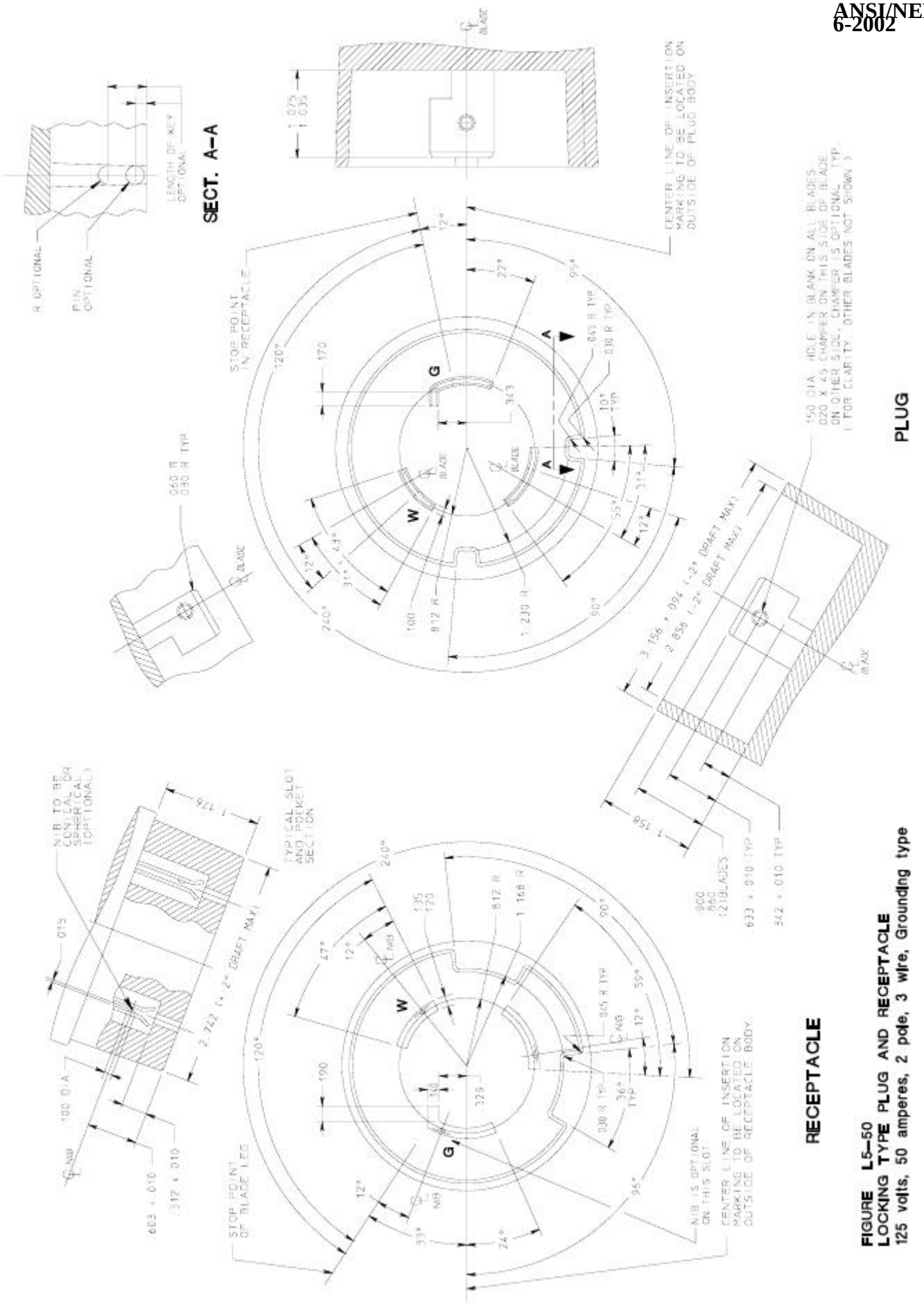


FIGURE L5–50
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 50 amperes, 2 pole, 3 wire, Grounding type

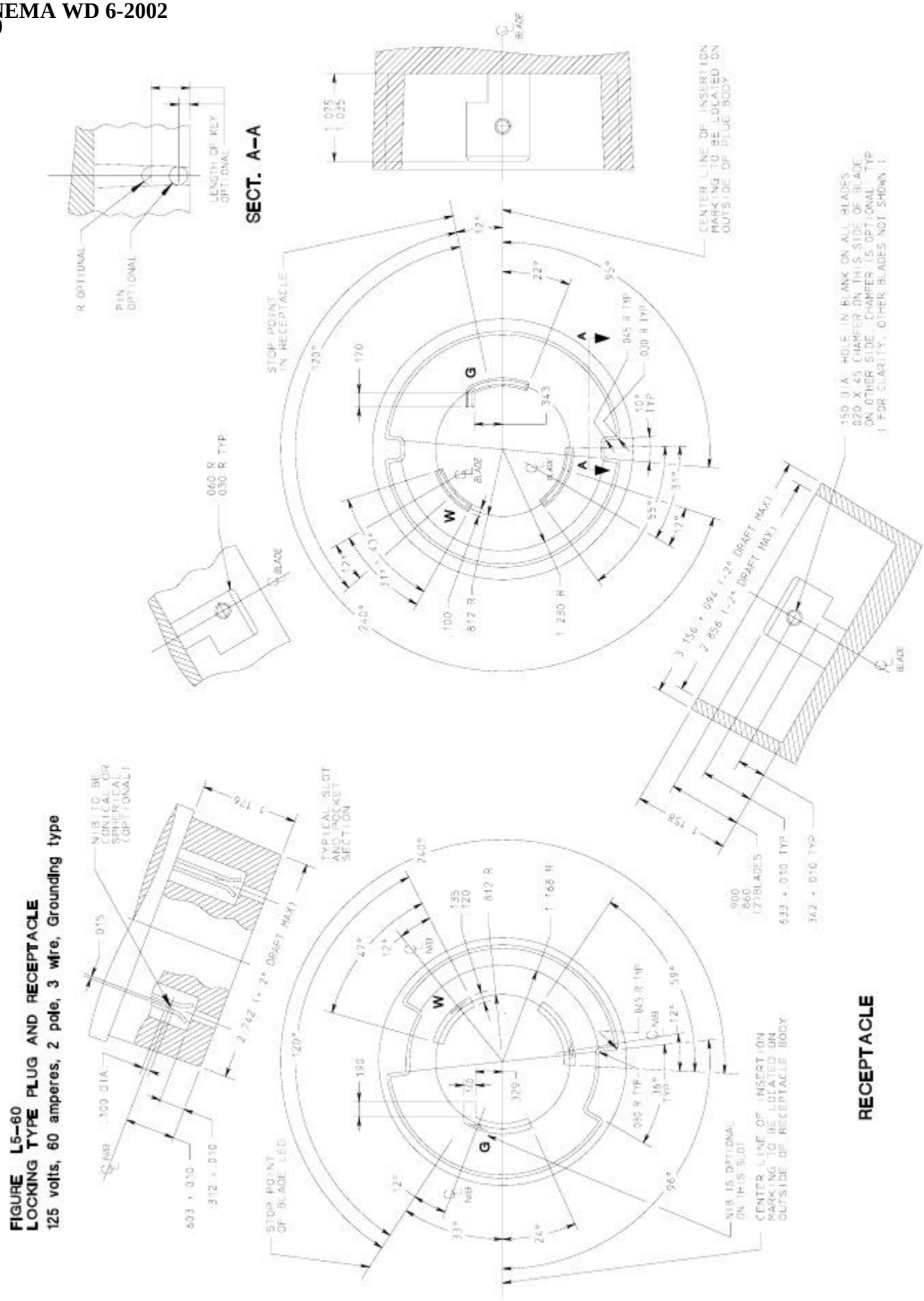


FIGURE L5–60
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 60 amperes, 2 pole, 3 wire, Grounding type

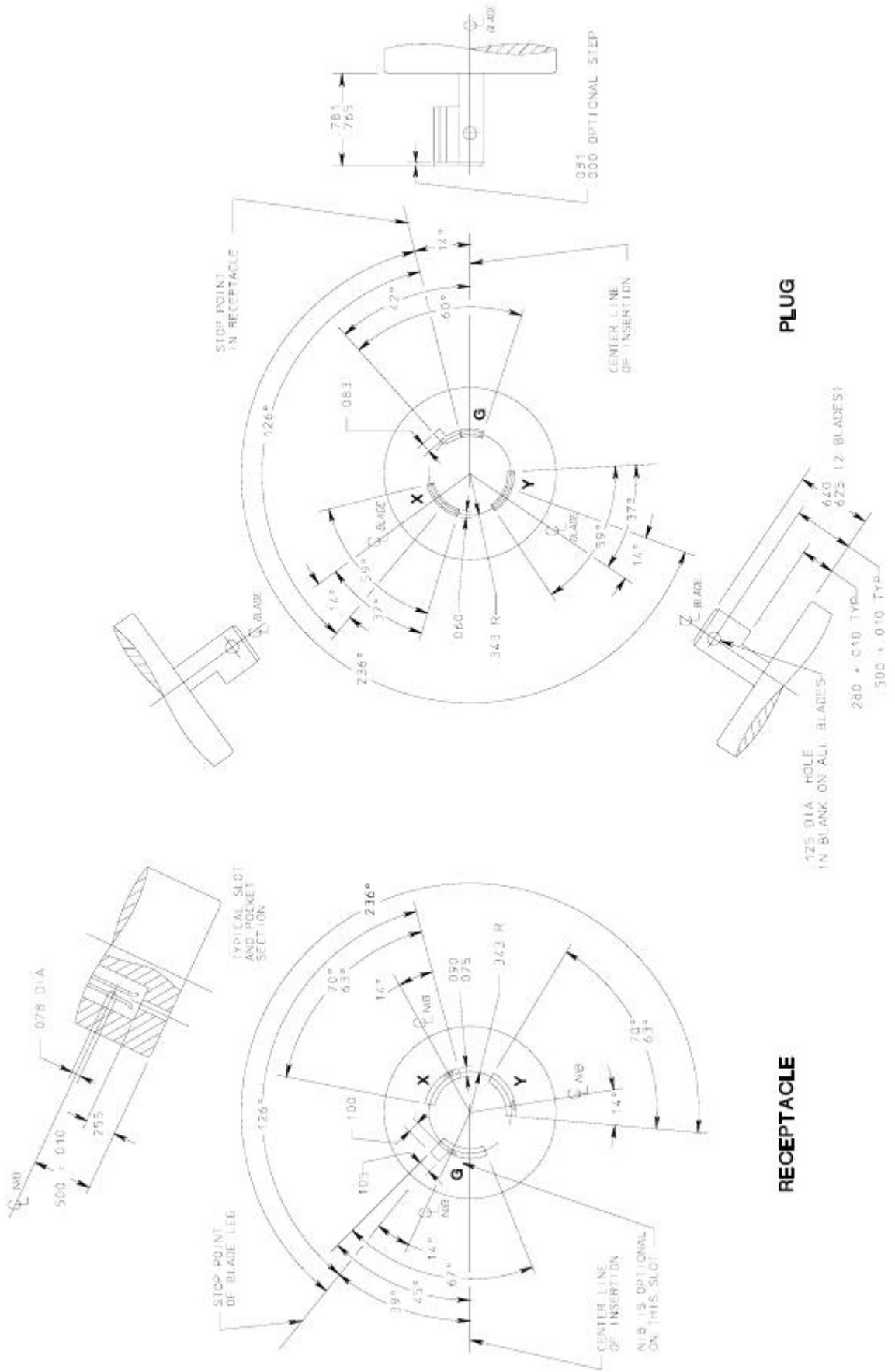


FIGURE L6-15
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 15 amperes, 2 pole, 3 wire, Grounding type

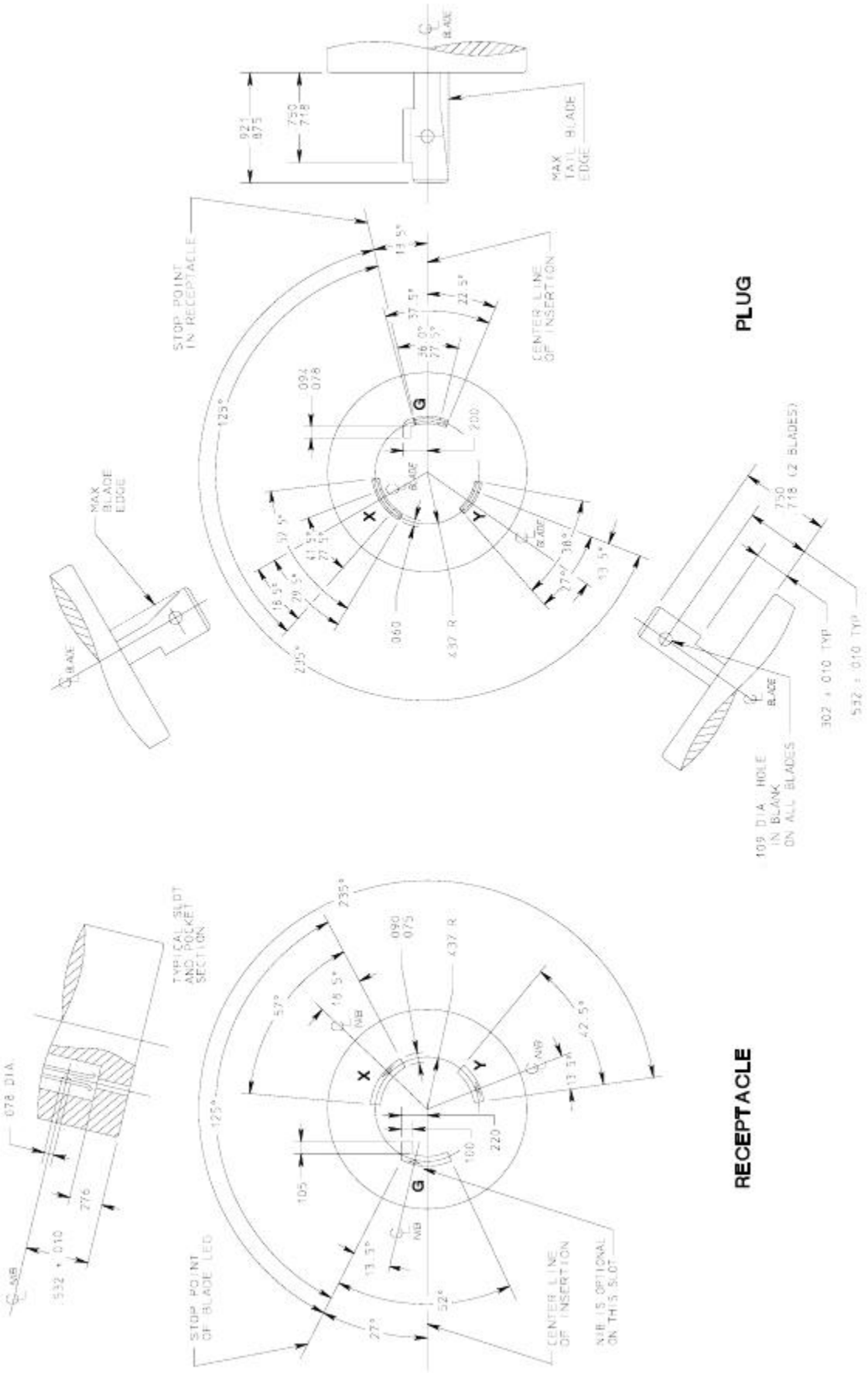


FIGURE L6–20
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 20 amperes, 2 pole, 3 wire, Grounding type

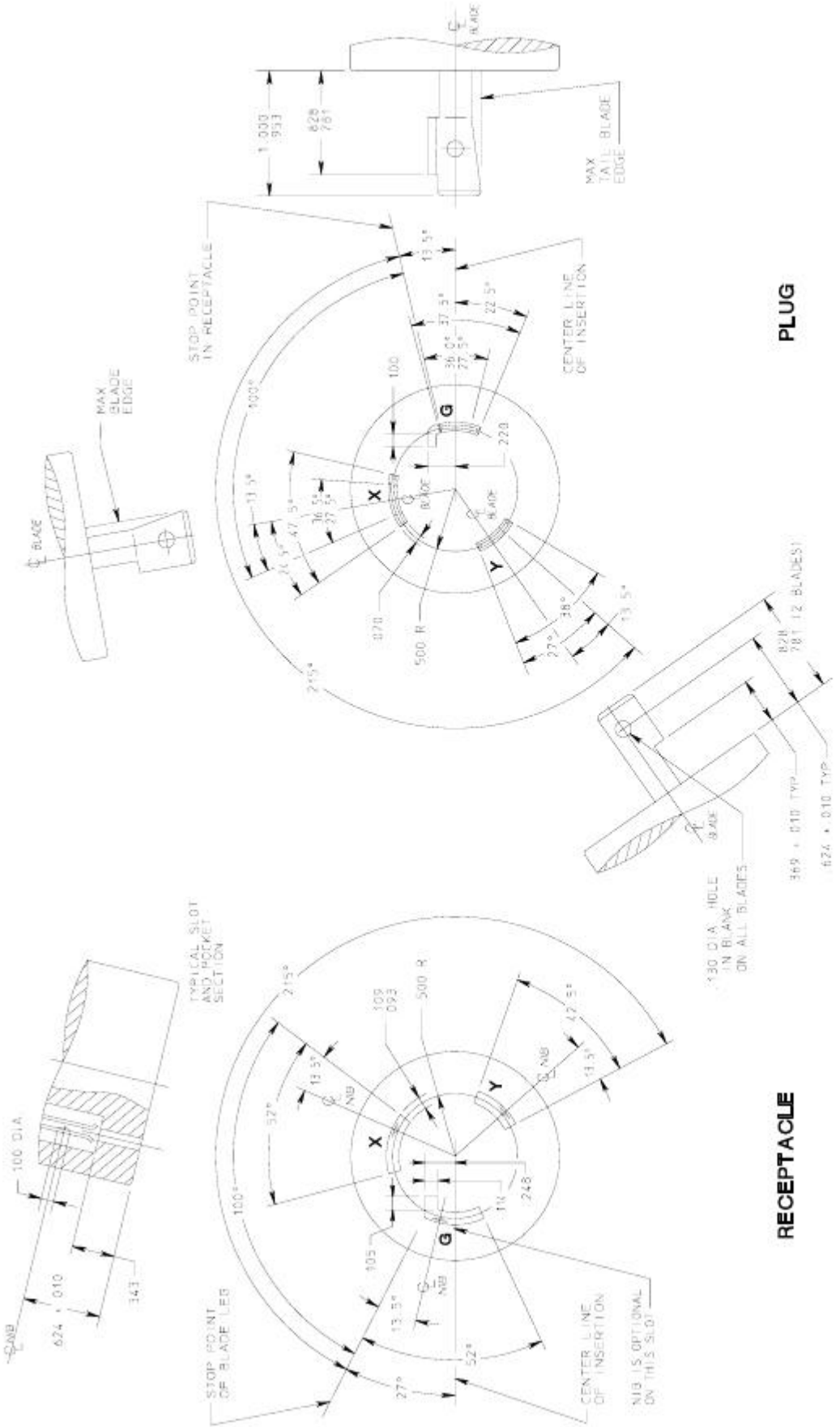


FIGURE L6-30
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 30 amperes, 2 pole, 3 wire, Grounding type

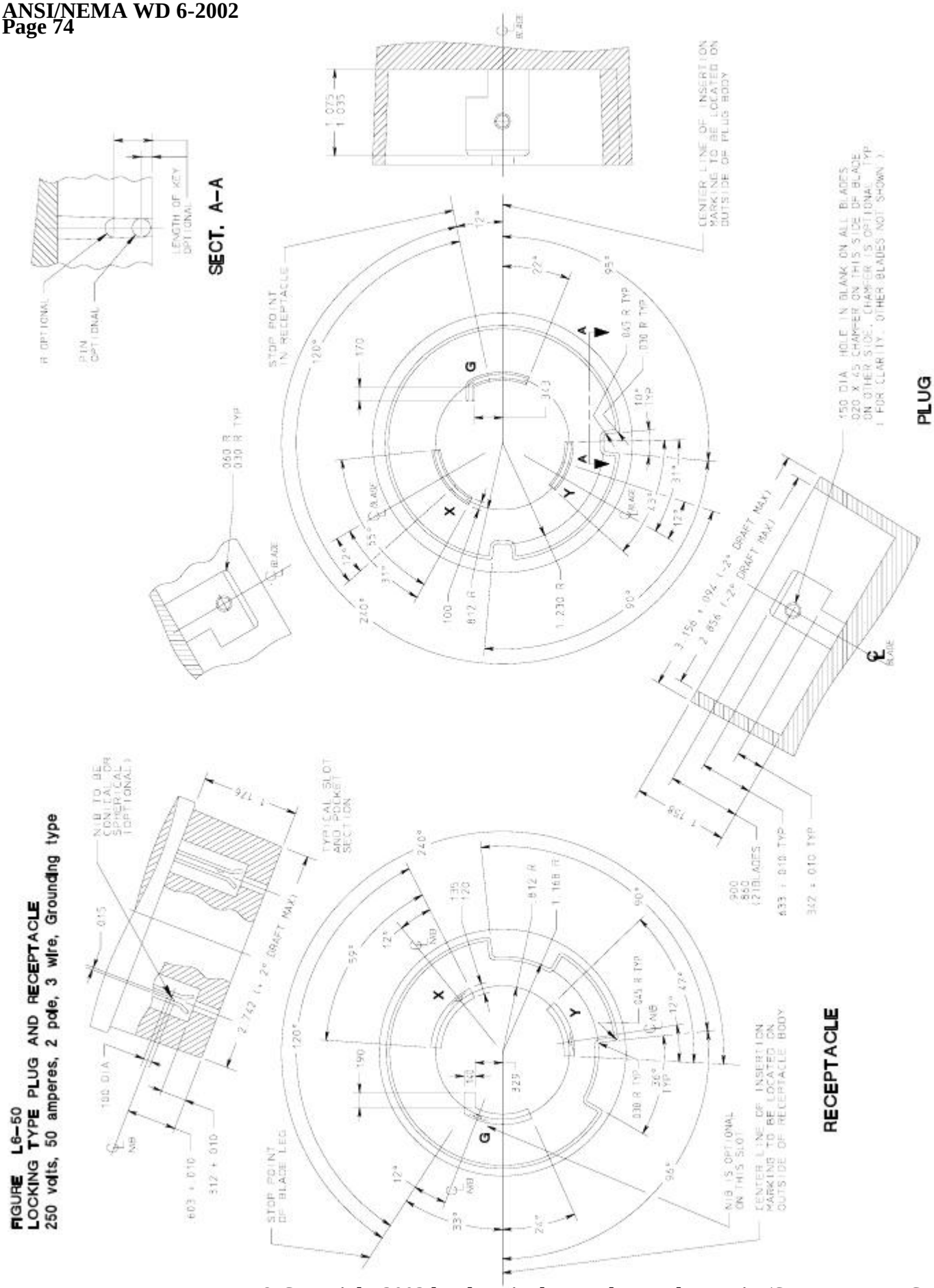


FIGURE L6–50
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 50 amperes, 2 pole, 3 wire, Grounding type

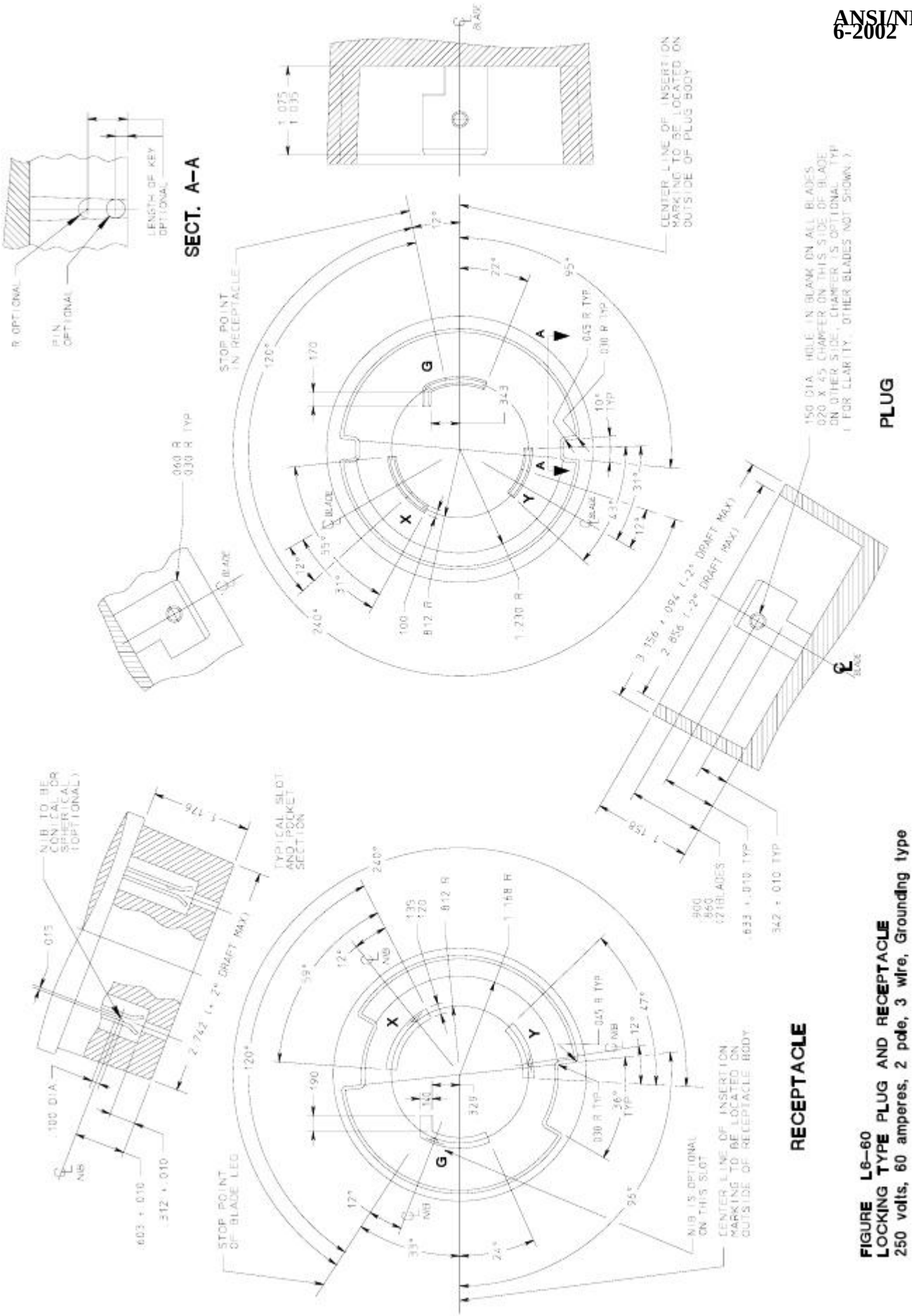


FIGURE L6–60
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 60 amperes, 2 pde, 3 wire, Grounding type

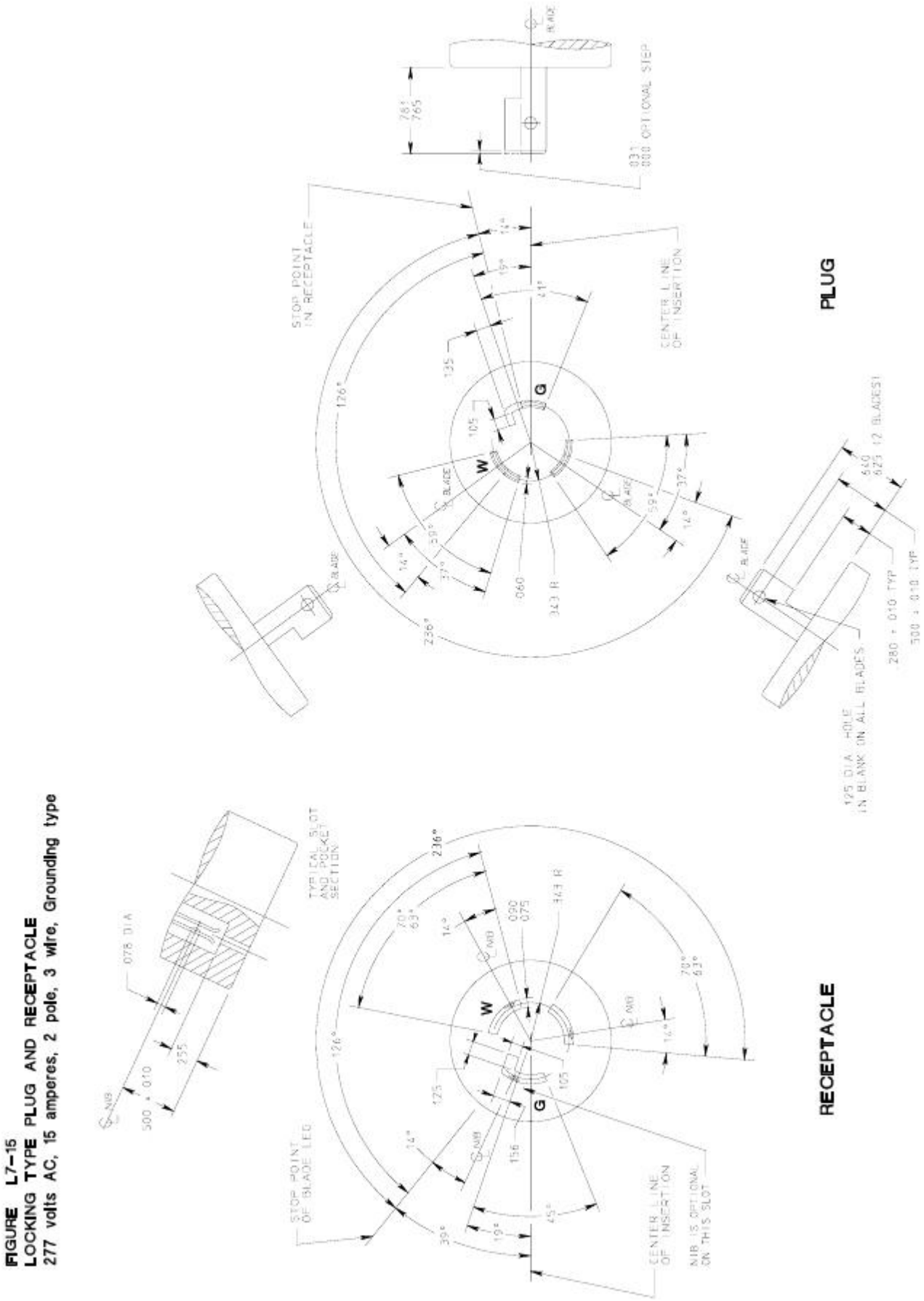


FIGURE L7-15
LOCKING TYPE PLUG AND RECEPTACLE
277 volts AC, 15 amperes, 2 pole, 3 wire, Grounding type

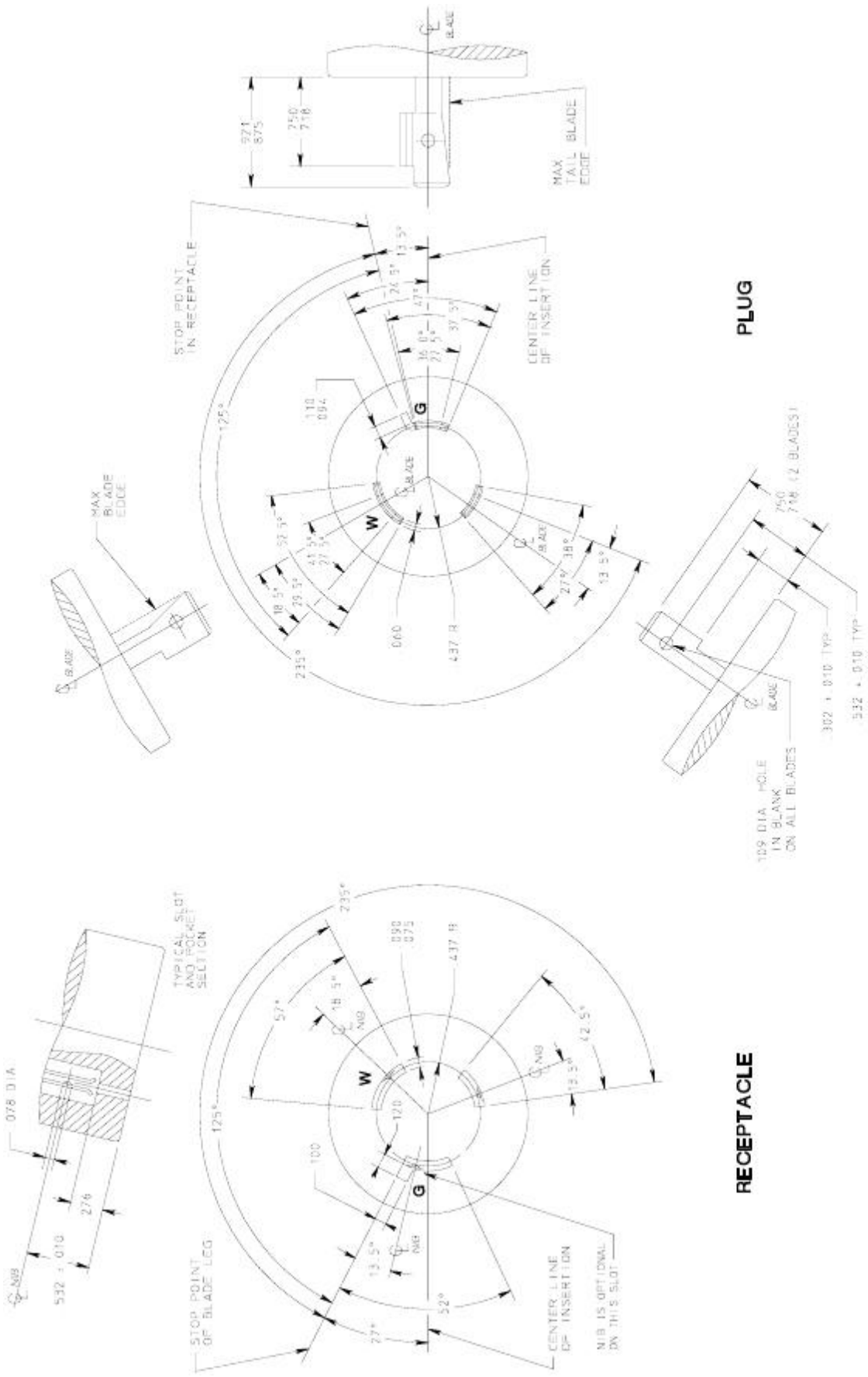


FIGURE L7-20
LOCKING TYPE PLUG AND RECEPTACLE
277 volts AC, 20 amperes, 2 pole, 3 wire, Grounding type

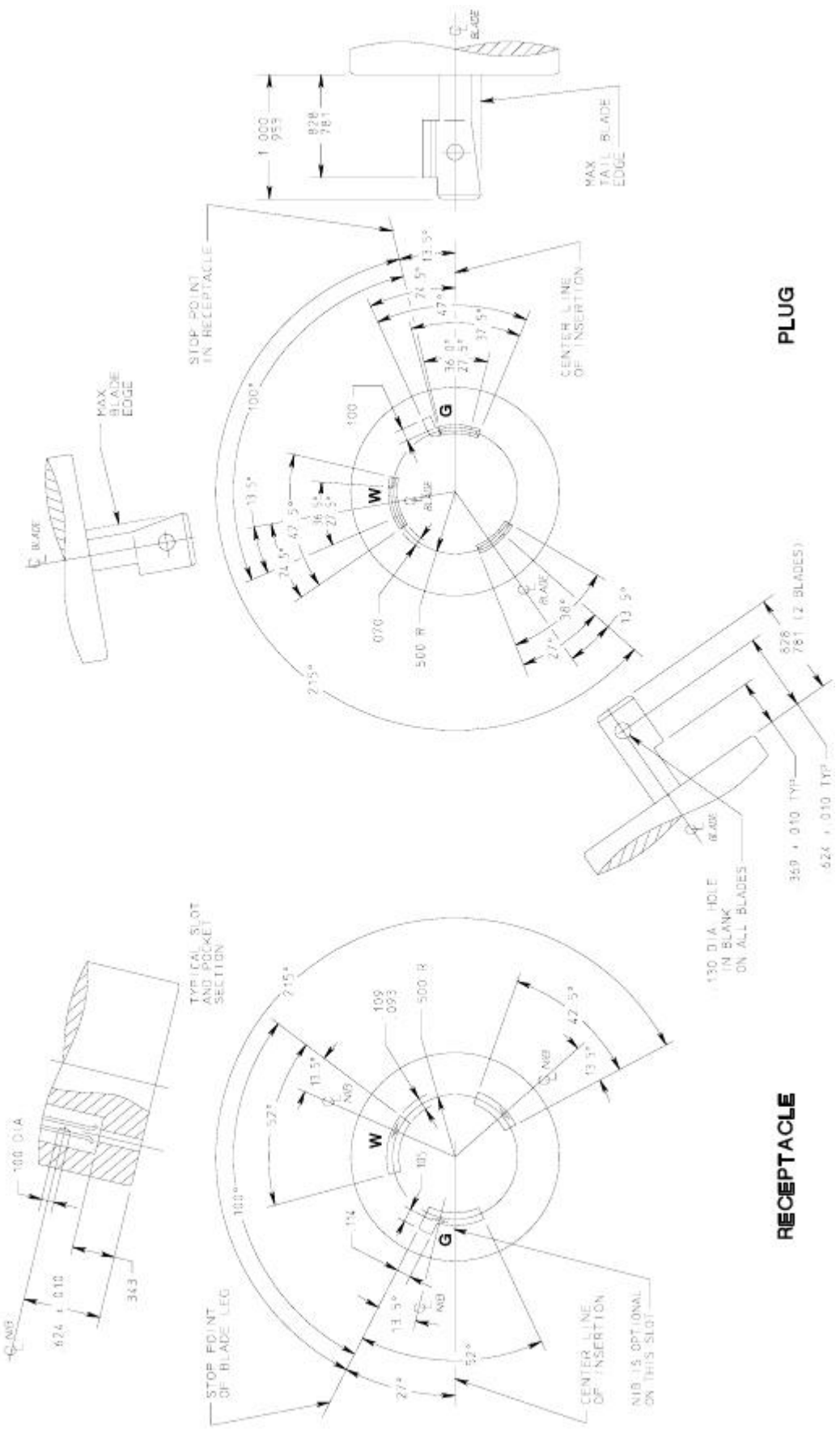


FIGURE L7-30
LOCKING TYPE PLUG AND RECEPTACLE
277 volts AC, 30 amperes, 2 pole, 3 wire, Grounding type

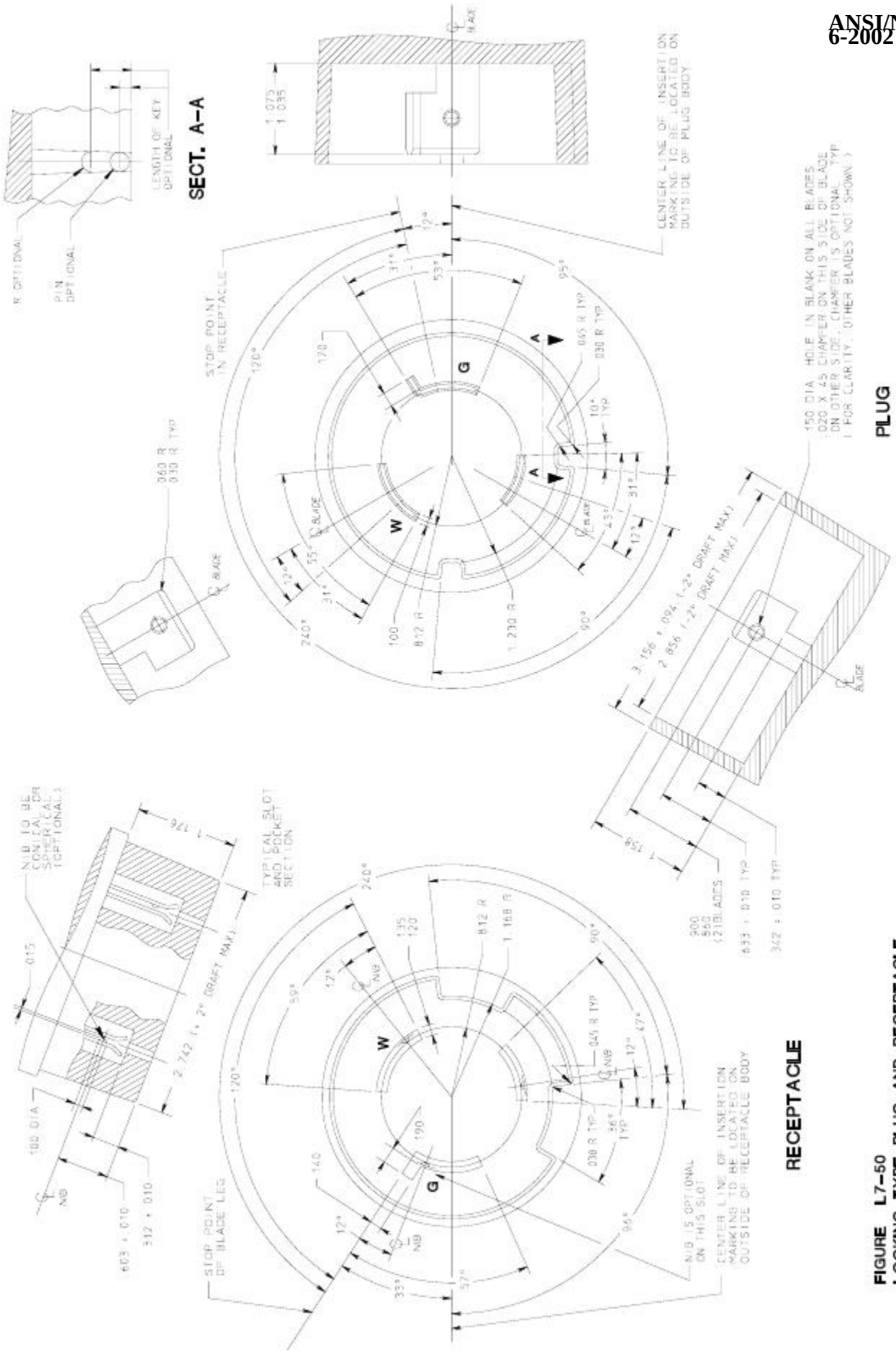


FIGURE L7–50
LOCKING TYPE PLUG AND RECEPTACLE
277 volts AC, 50 amperes, 2 pole, 3 wire, Grounding type

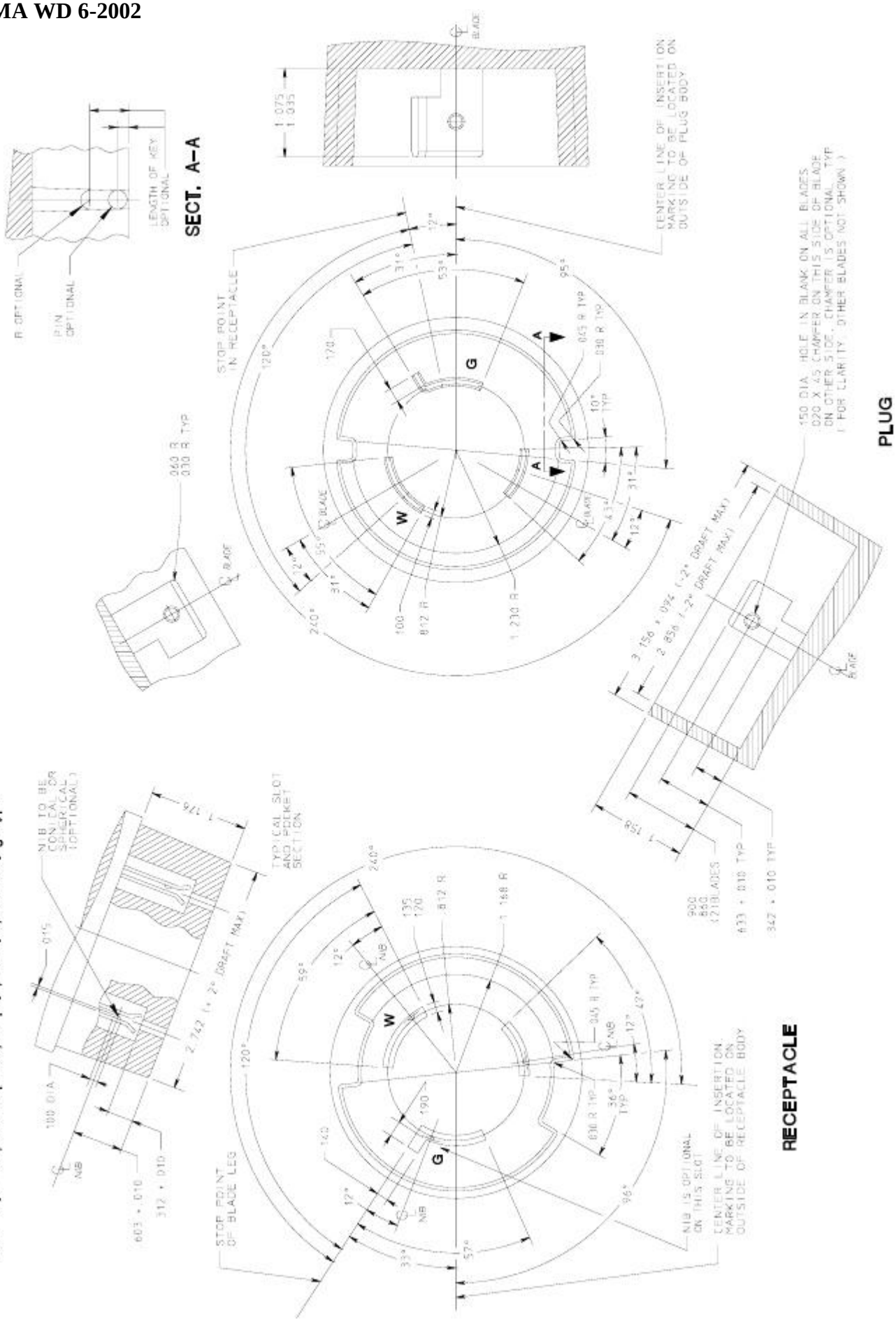


FIGURE L7-60
LOCKING TYPE PLUG AND RECEPTACLE
277 volts AC, 60 amperes, 2 pde, 3 wire, Grounding type

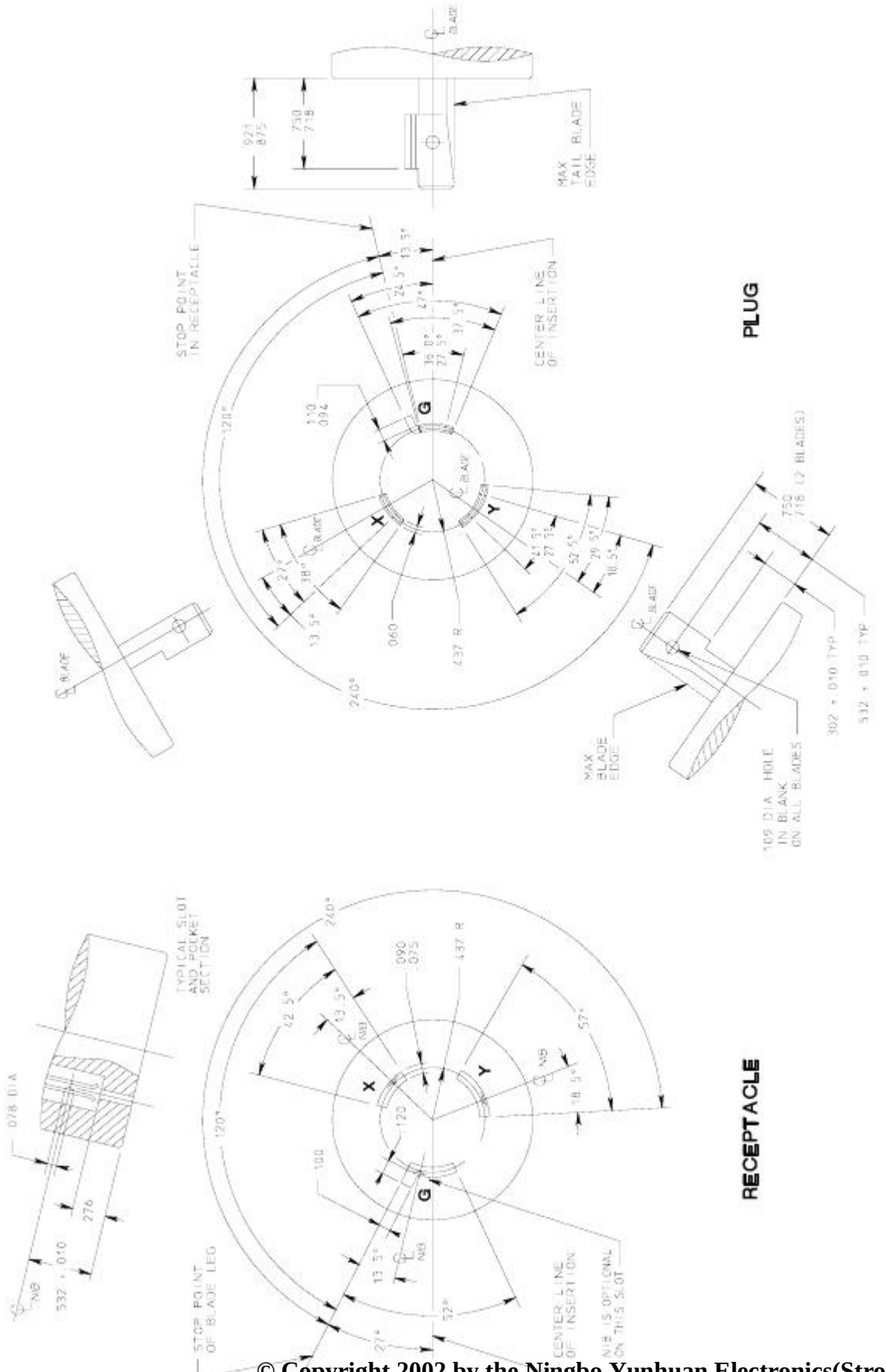


FIGURE L8-20
LOCKING TYPE PLUG AND RECEPTACLE
480 volts AC, 20 amperes, 2 pole, 3 wire, Grounding type

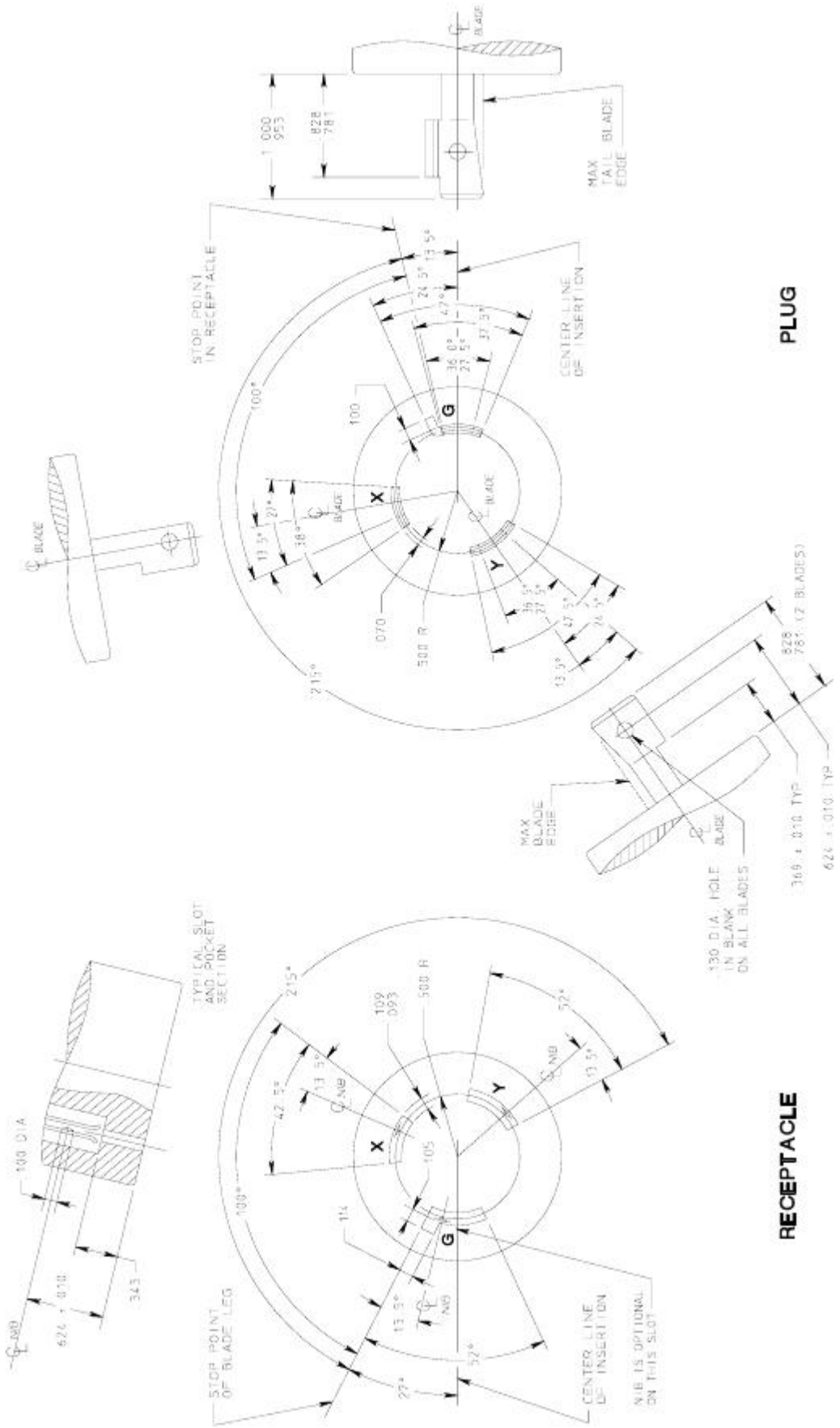


FIGURE L8-30
LOCKING TYPE PLUG AND RECEPTACLE
480 volts AC, 30 amperes, 2 pole, 3 wire, Grounding type

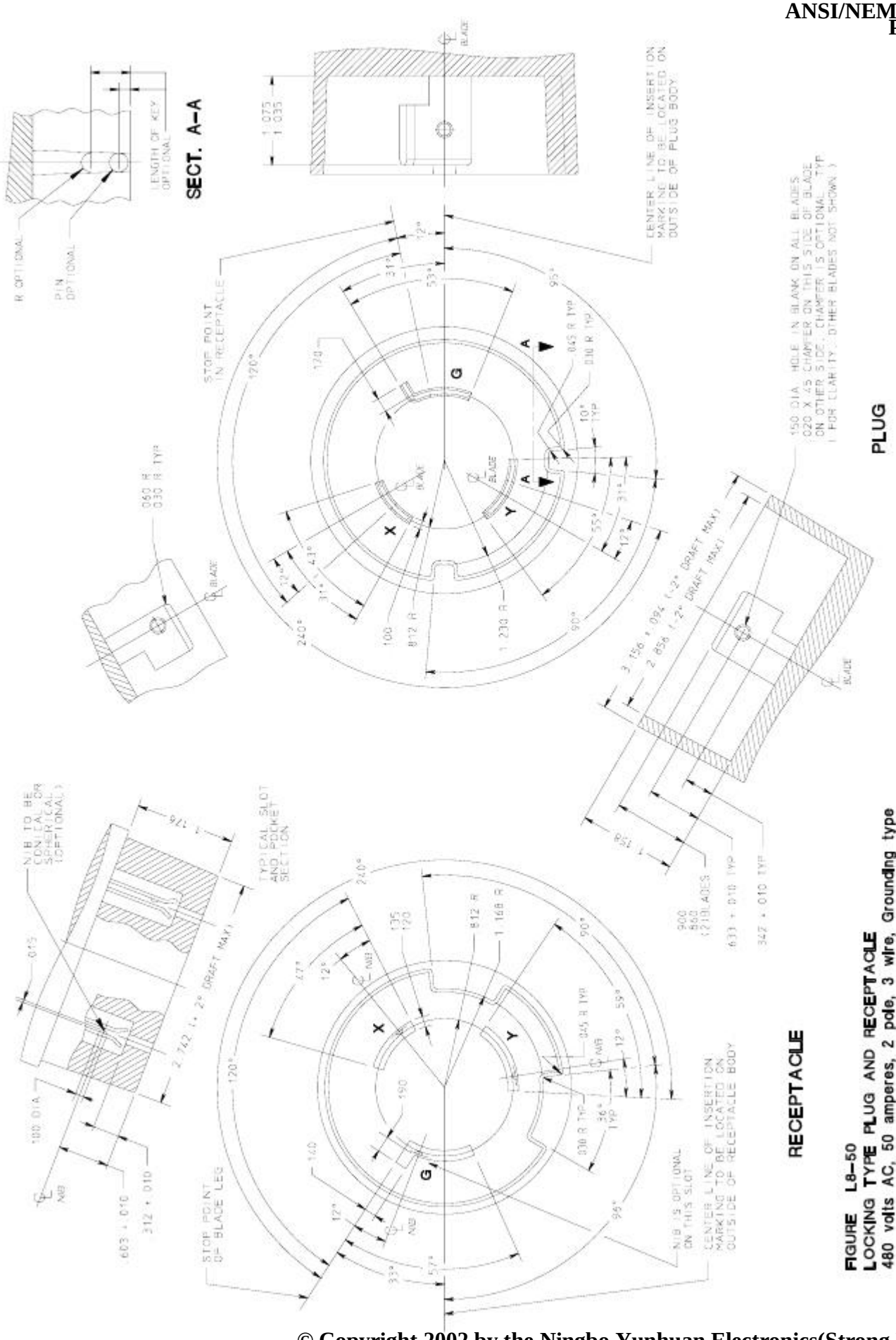


FIGURE L8-50
LOCKING TYPE PLUG AND RECEPTACLE
480 volts AC, 50 amperes, 2 pole, 3 wire, Grounding type

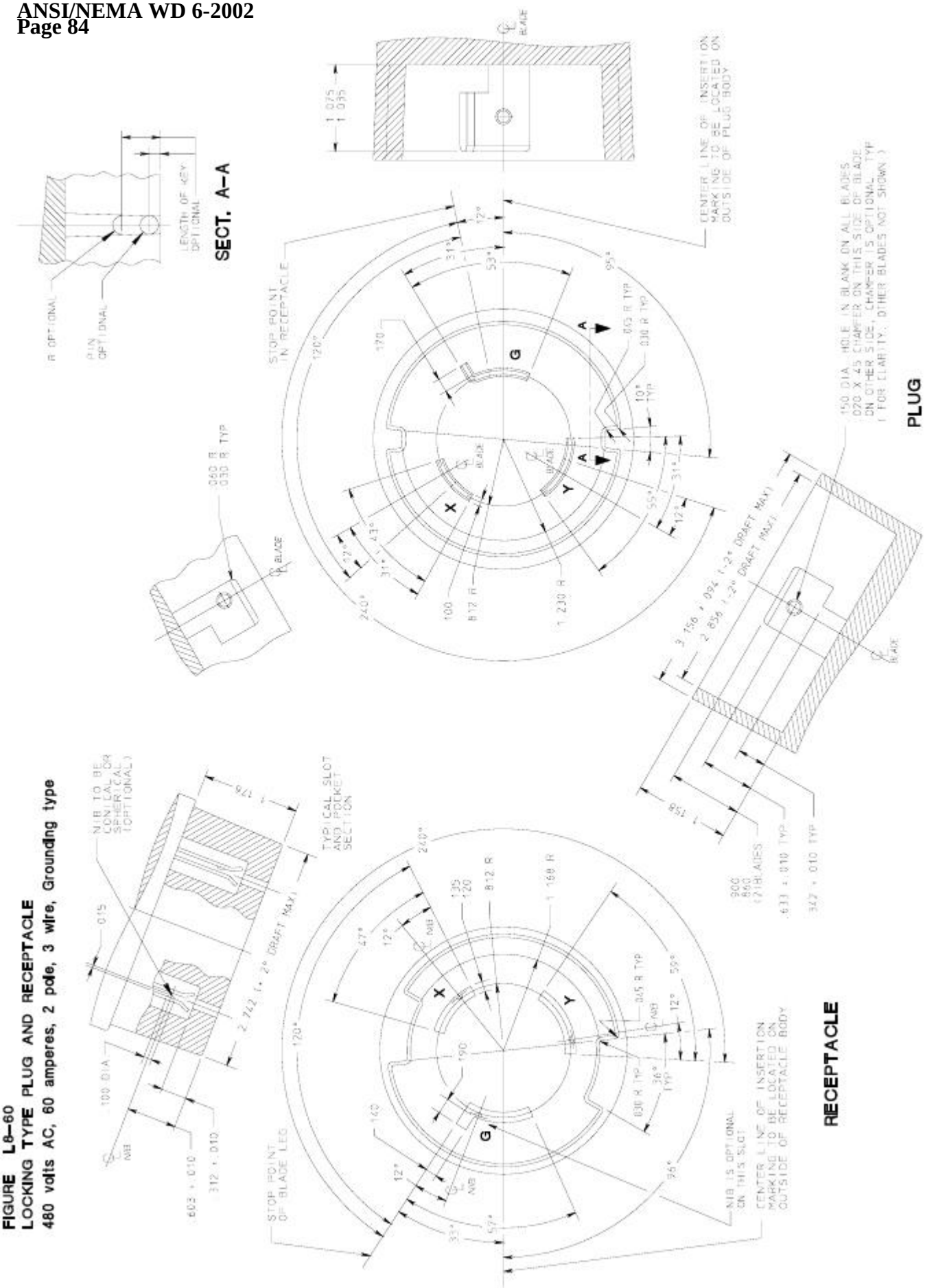


FIGURE L8–60
LOCKING TYPE PLUG AND RECEPTACLE
480 volts AC, 60 amperes, 2 pole, 3 wire, Grounding type

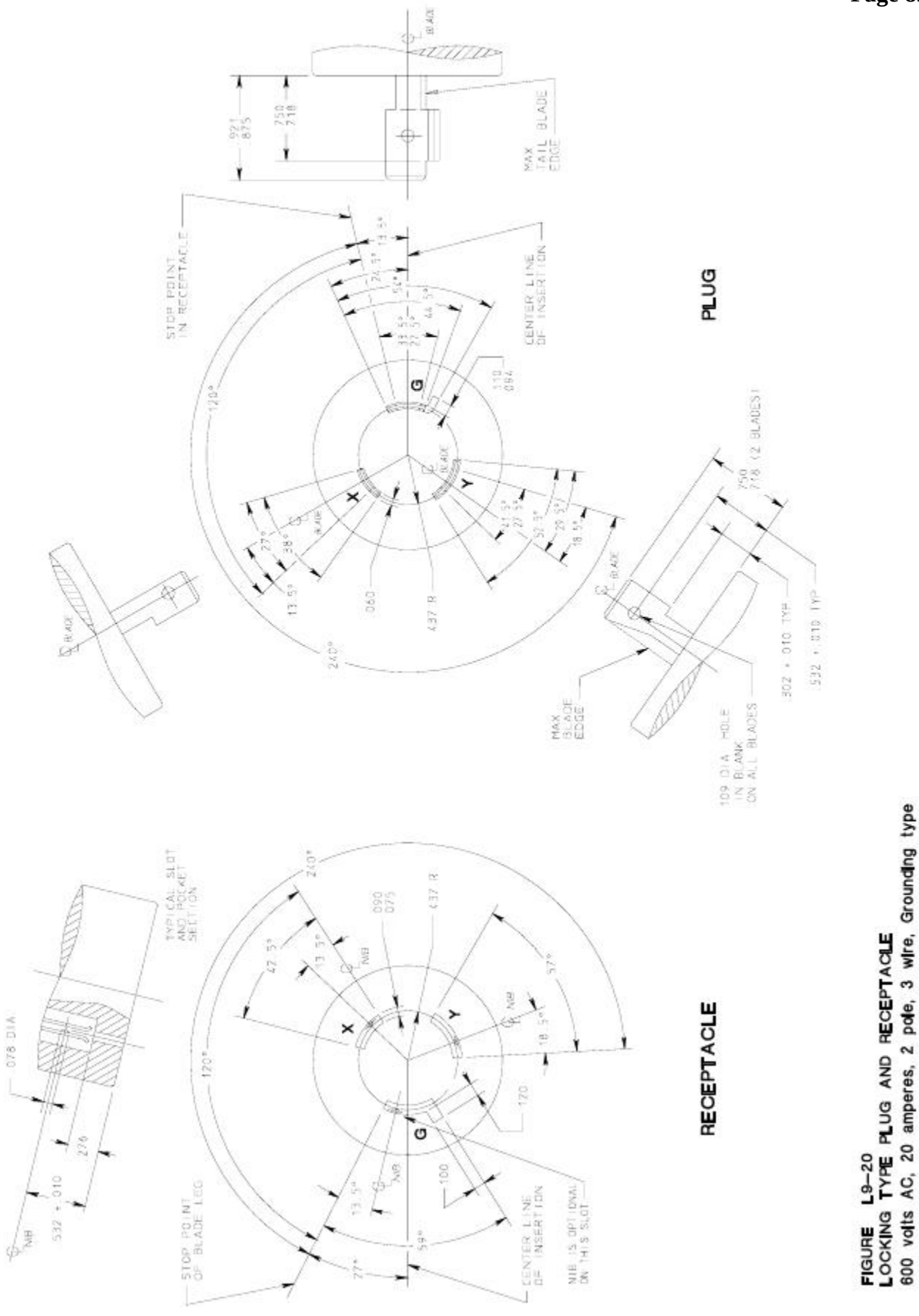


FIGURE L9–20
LOCKING TYPE PLUG AND RECEPTACLE
600 volts AC, 20 amperes, 2 pole, 3 wire, Grounding type

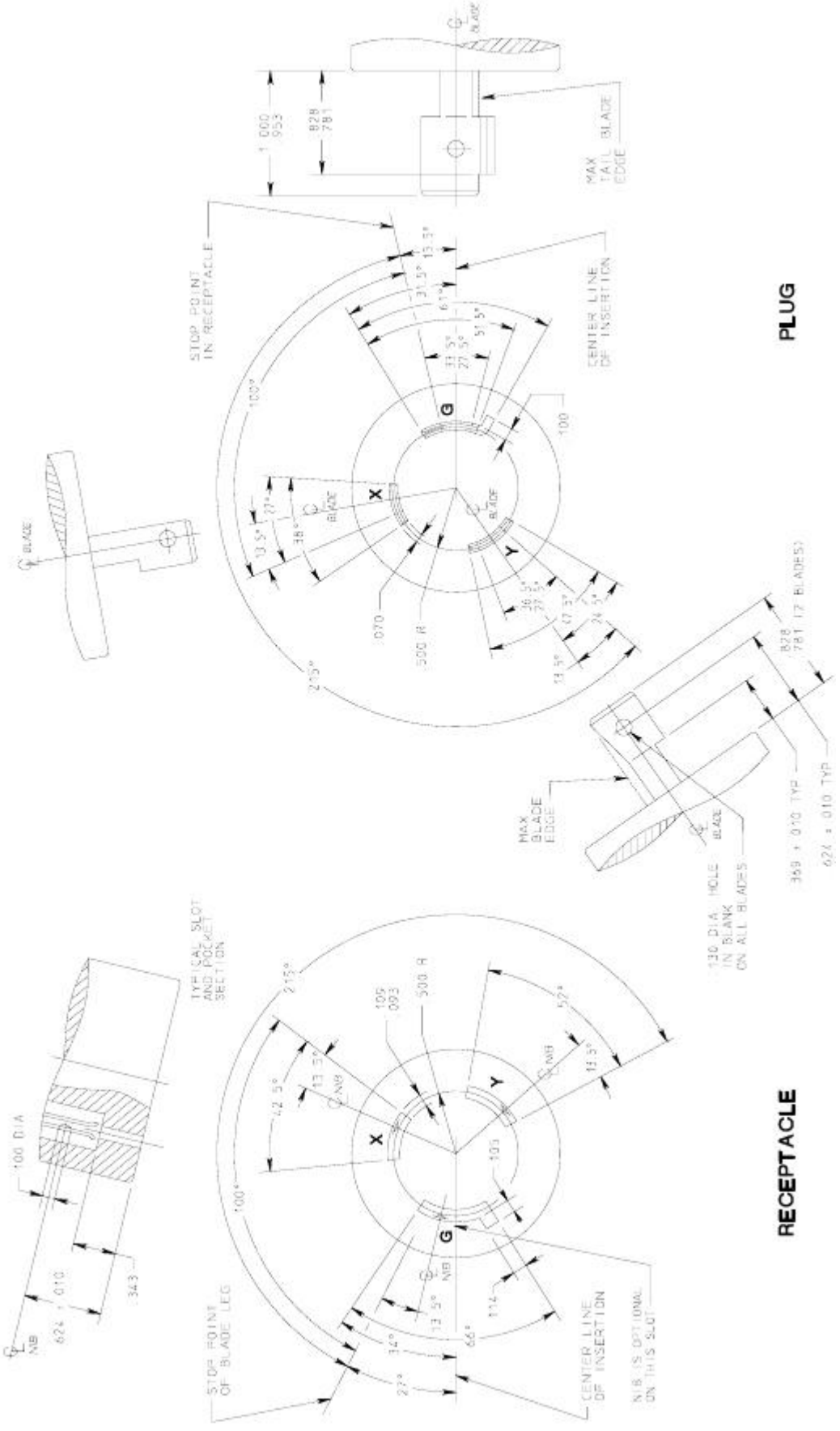


FIGURE L9–30
LOCKING TYPE PLUG AND RECEPTACLE
600 volts AC, 30 amperes, 2 pole, 3 wire, Grounding type

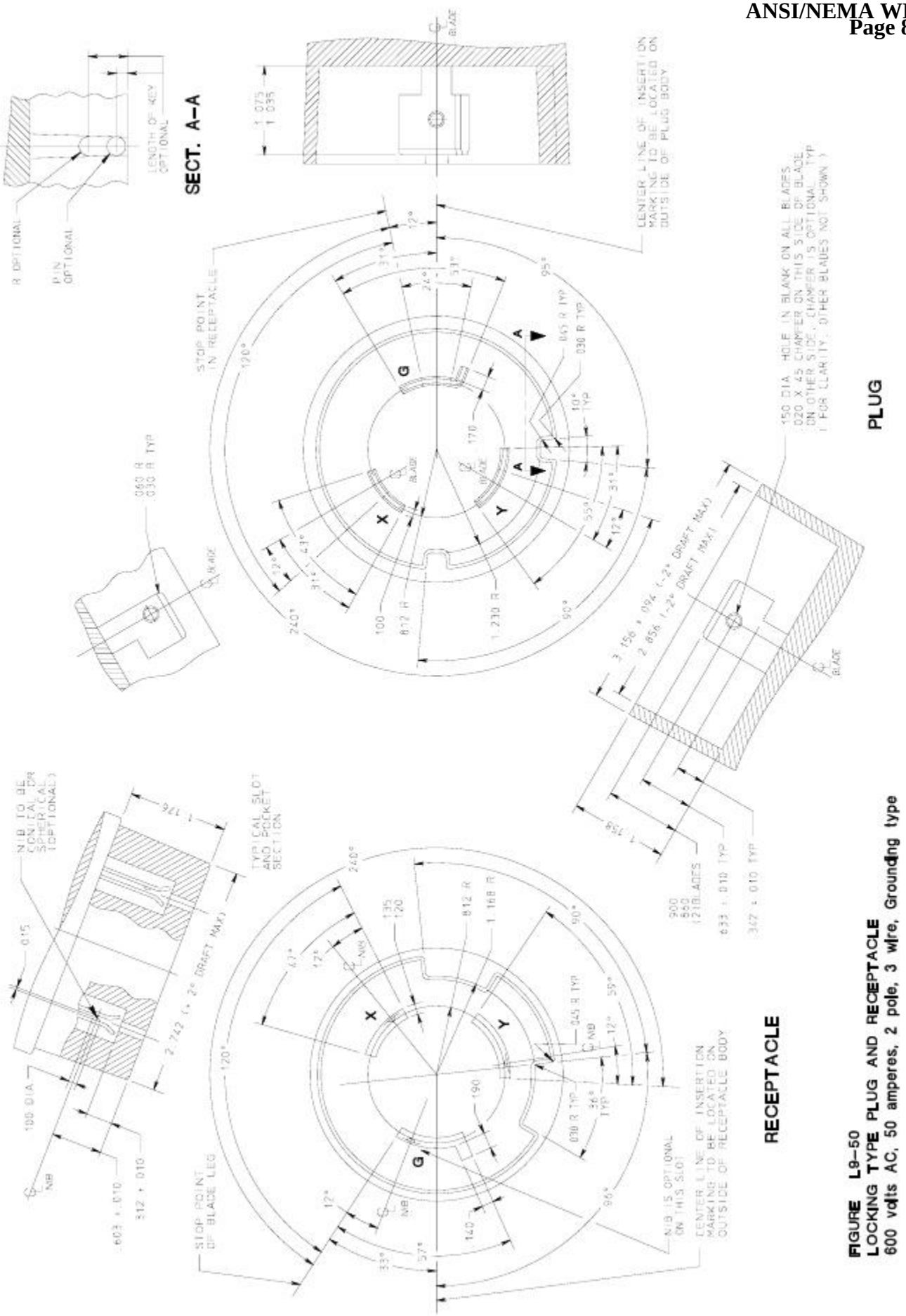


FIGURE L9–50
LOCKING TYPE PLUG AND RECEPTACLE
600 volts AC, 50 amperes, 2 pole, 3 wire, Grounding type

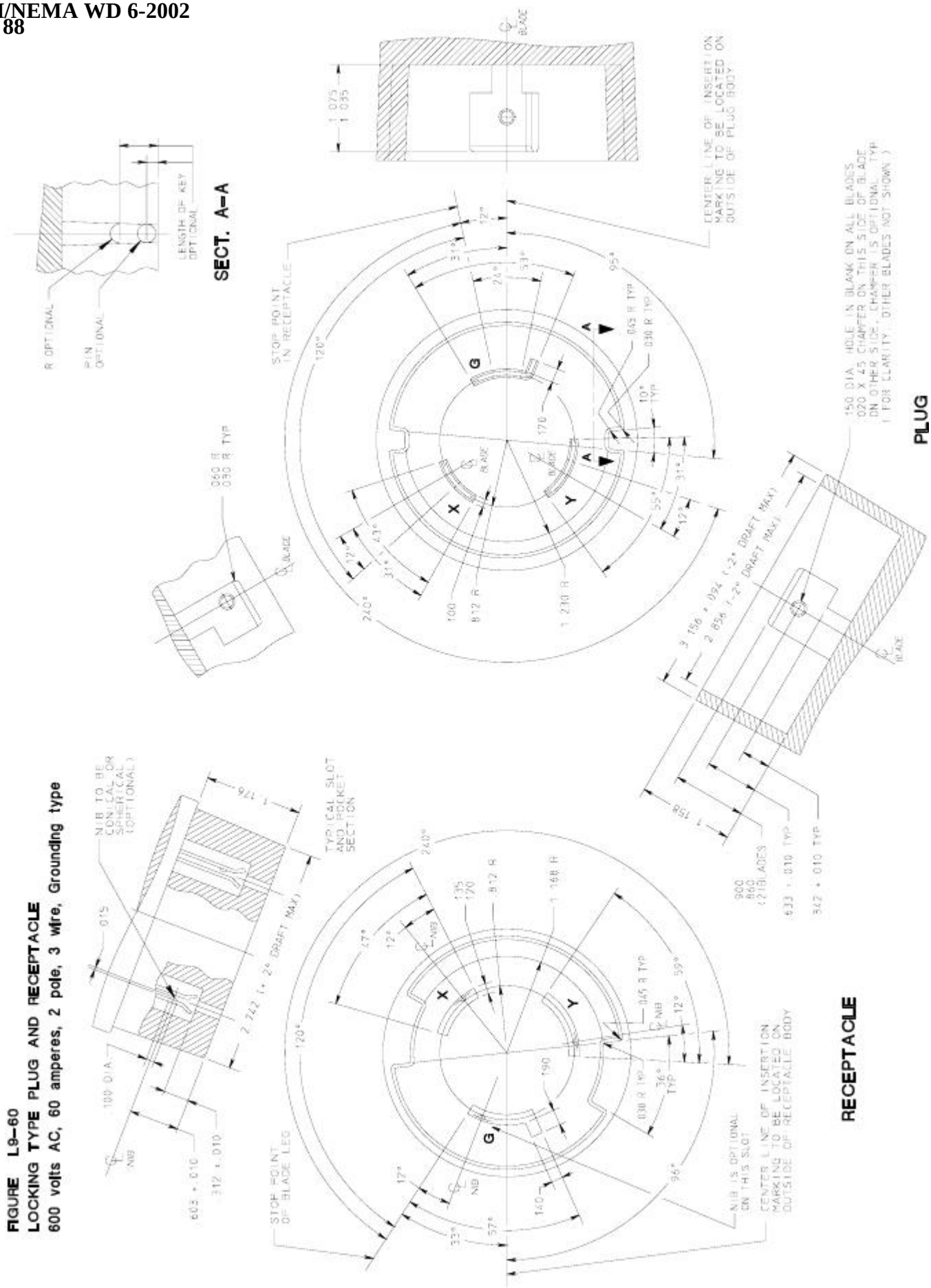


FIGURE L9–60
LOCKING TYPE PLUG AND RECEPTACLE
600 volts AC, 60 amperes, 2 pole, 3 wire, Grounding type

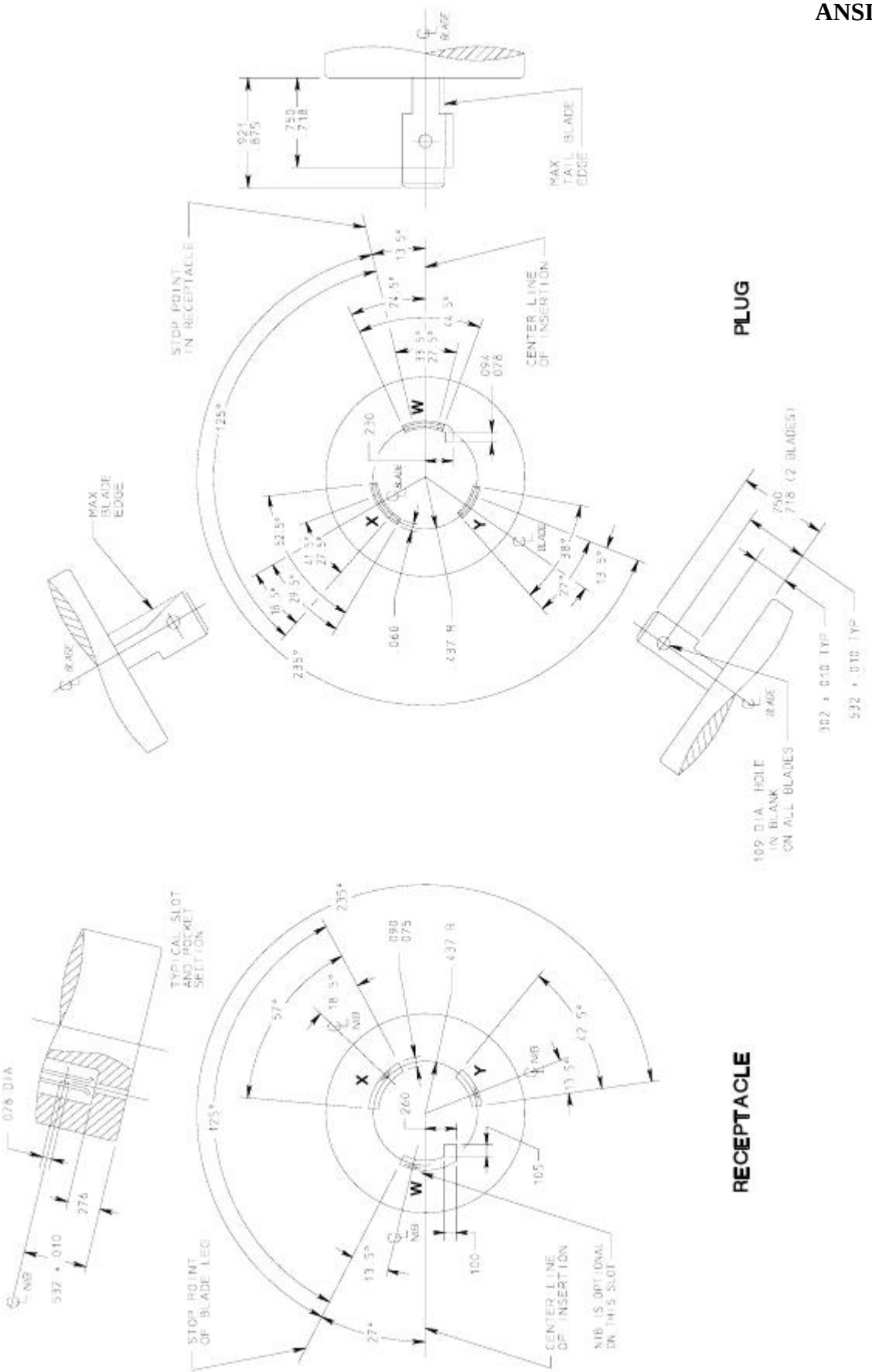


FIGURE L10–20
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 20 amperes, 3 pole, 3 wire

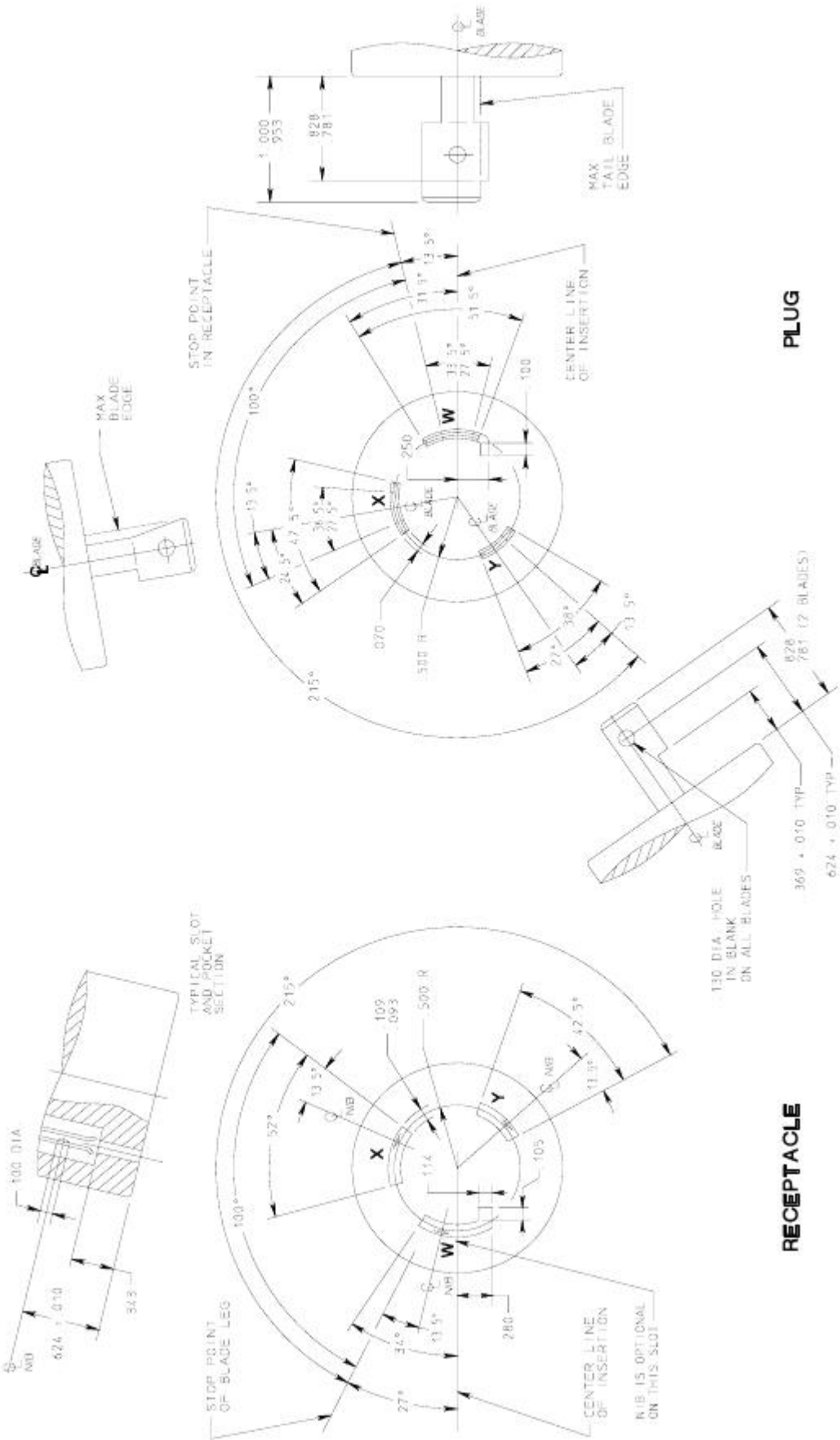


FIGURE L10–30
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 30 amperes, 3 pole, 3 wire

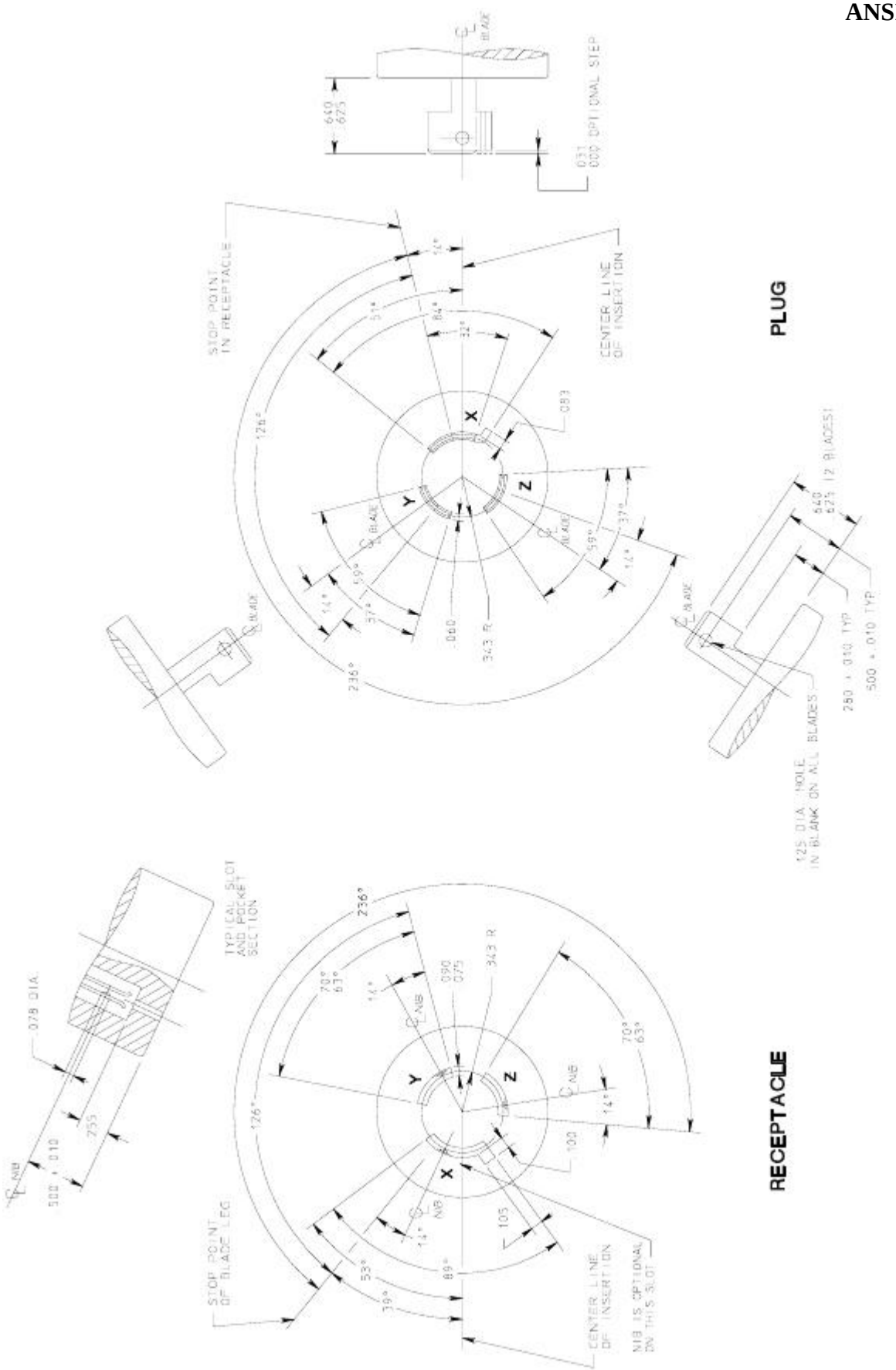


FIGURE L11–15
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 15 amperes 3 phase, 3 pole, 3 wire

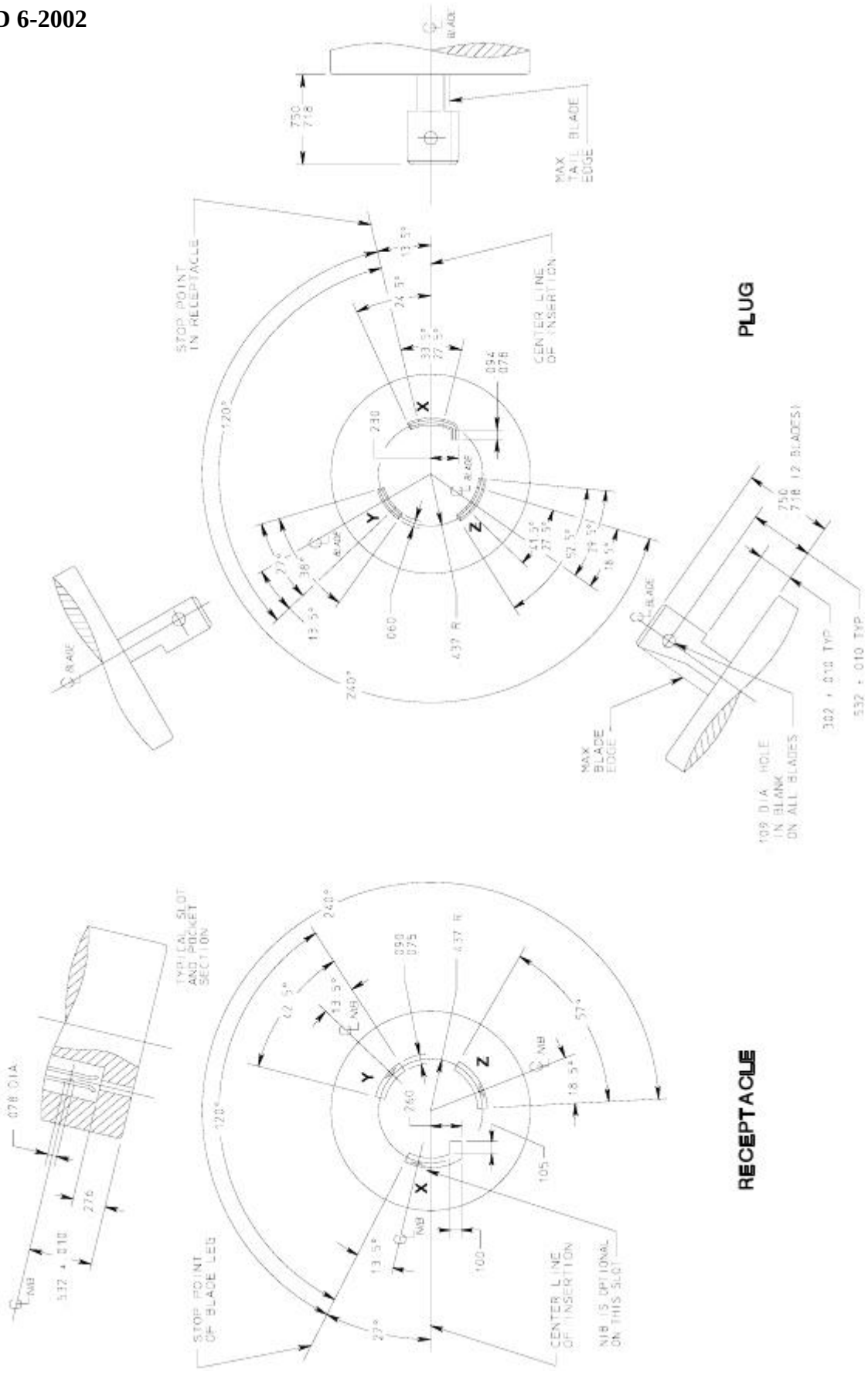


FIGURE L11-20
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 20 amperes, 3 phase, 3 pole, 3 wire

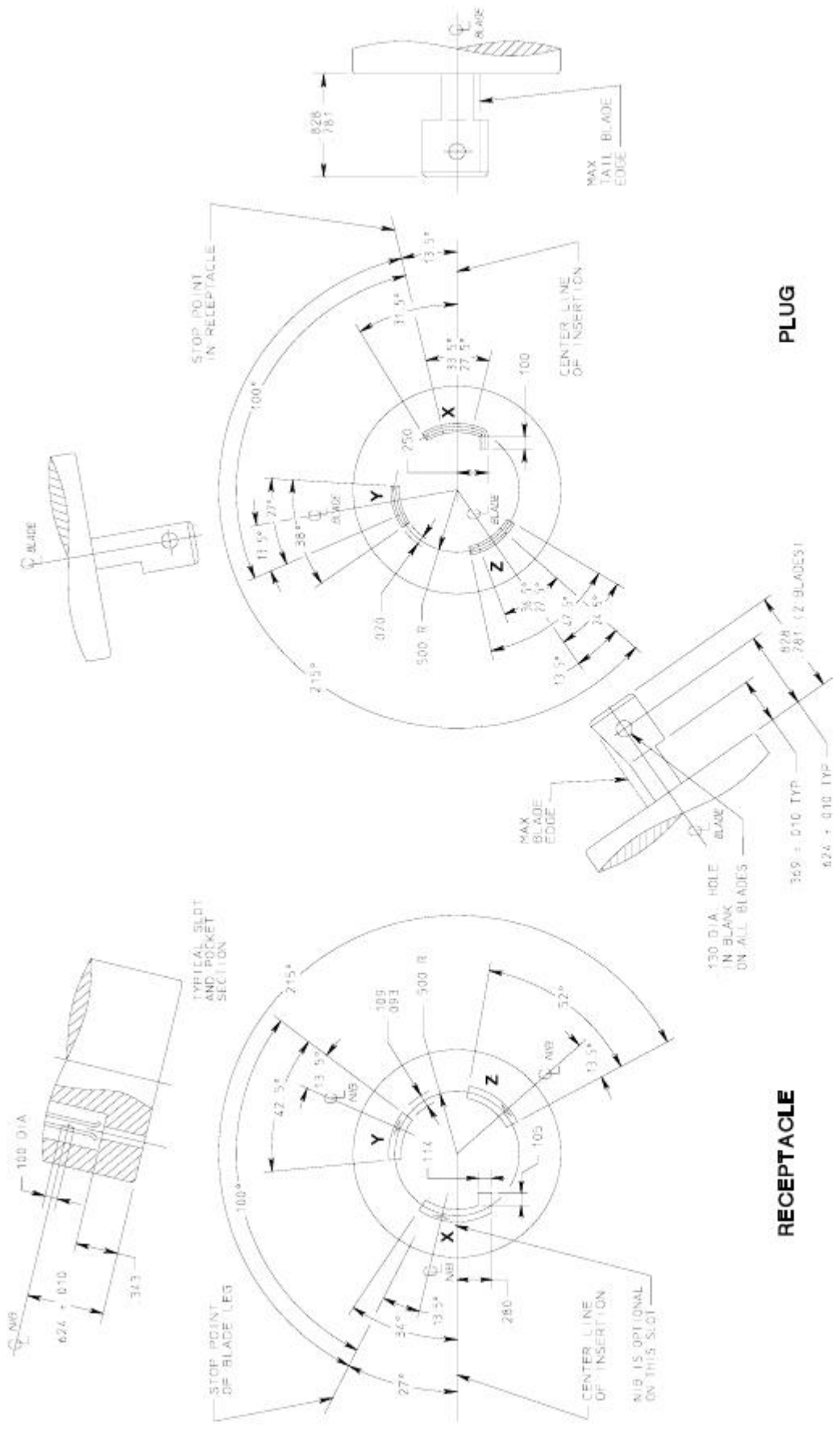


FIGURE L11-30
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 30 amperes, 3 phase ,3 pole, 3 wire

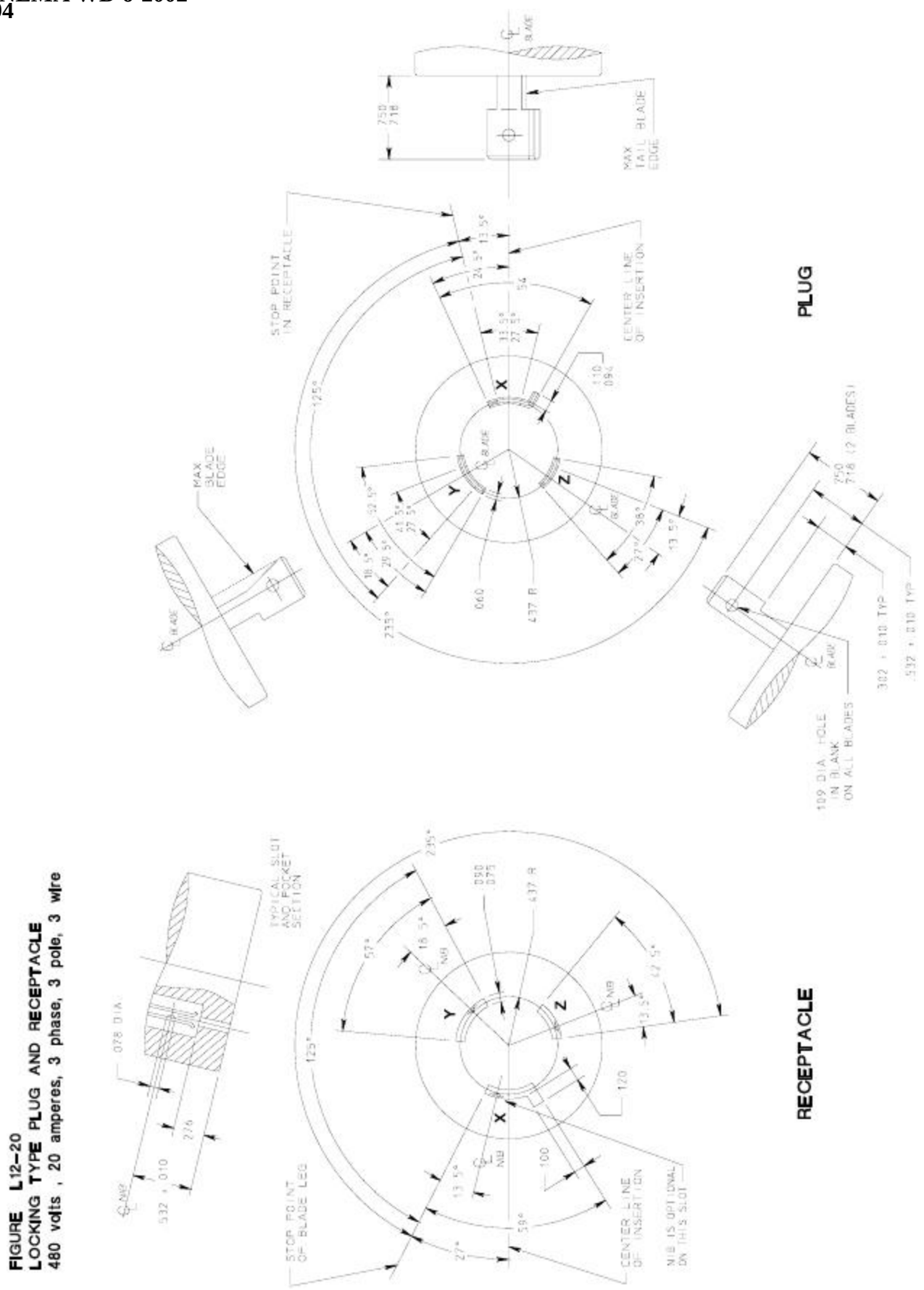


FIGURE L12-20
LOCKING TYPE PLUG AND RECEPTACLE
480 volts , 20 amperes, 3 phase, 3 pole, 3 wire

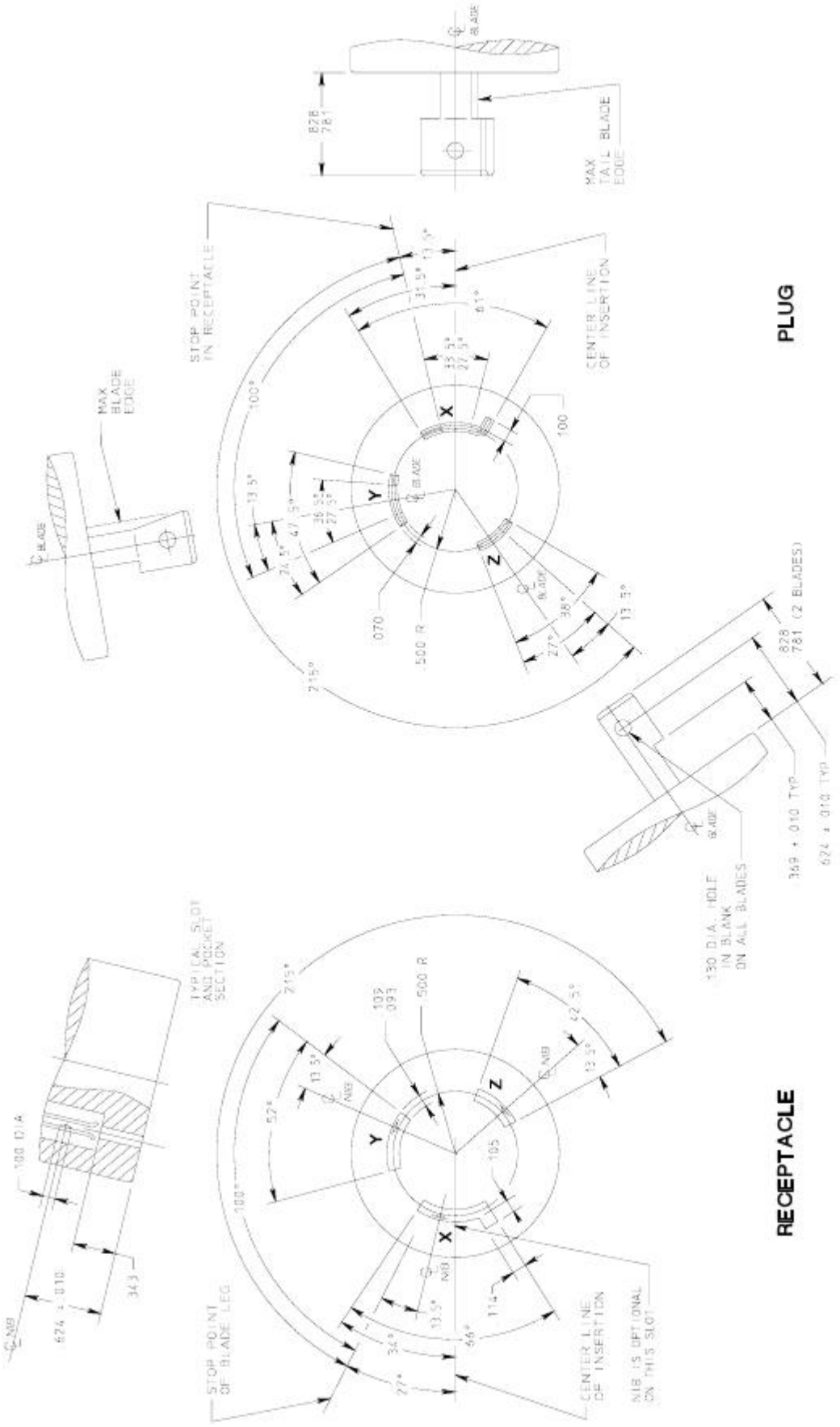


FIGURE L12-30
LOCKING TYPE PLUG AND RECEPTACLE
480 volts , 30 amperes, 3 phase, 3 pole, 3 wire

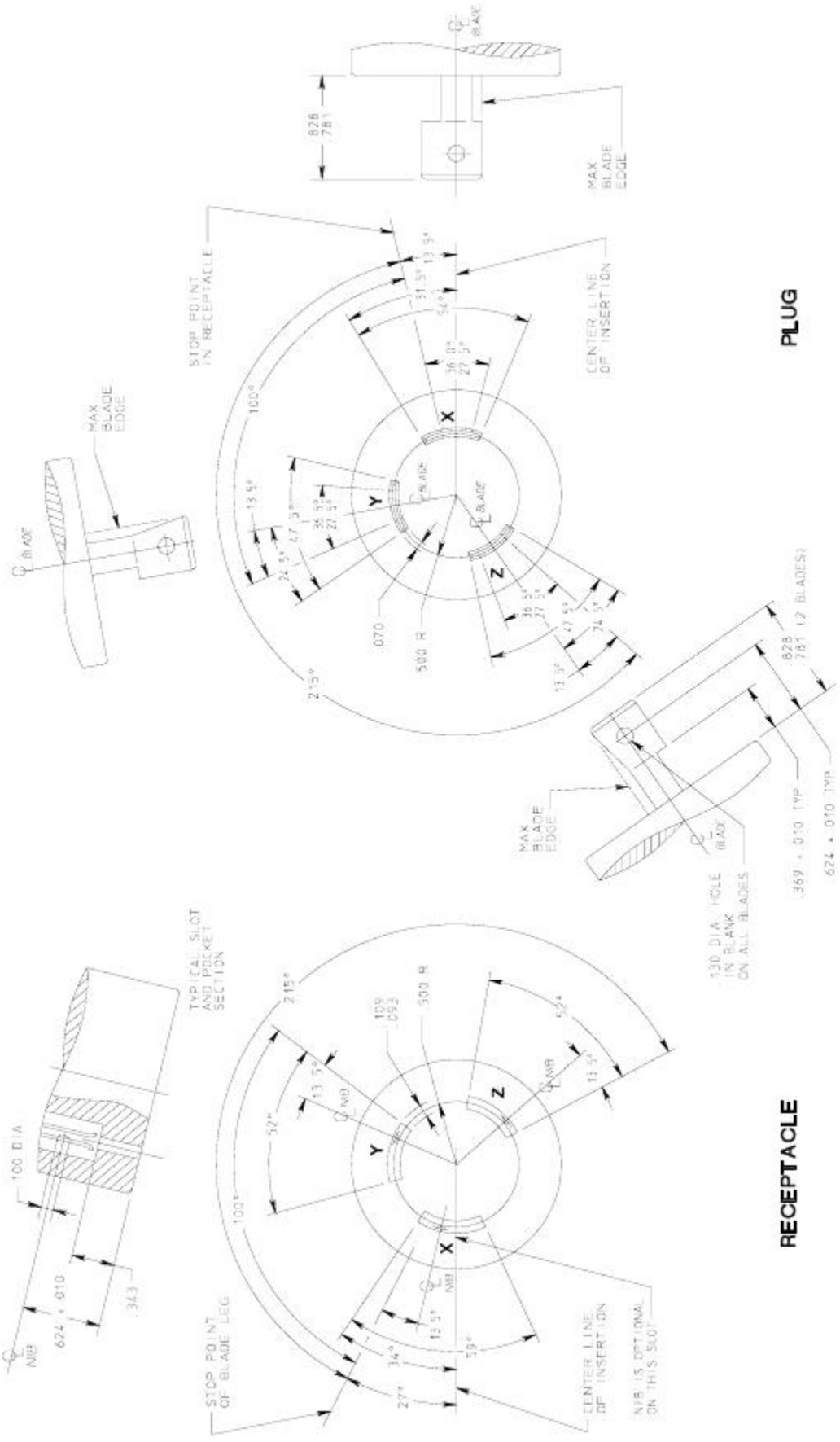


FIGURE L13–30
LOCKING TYPE PLUG AND RECEPTACLE
600 volts, 30 amperes, 3 phase, 3 pole, 3 wire

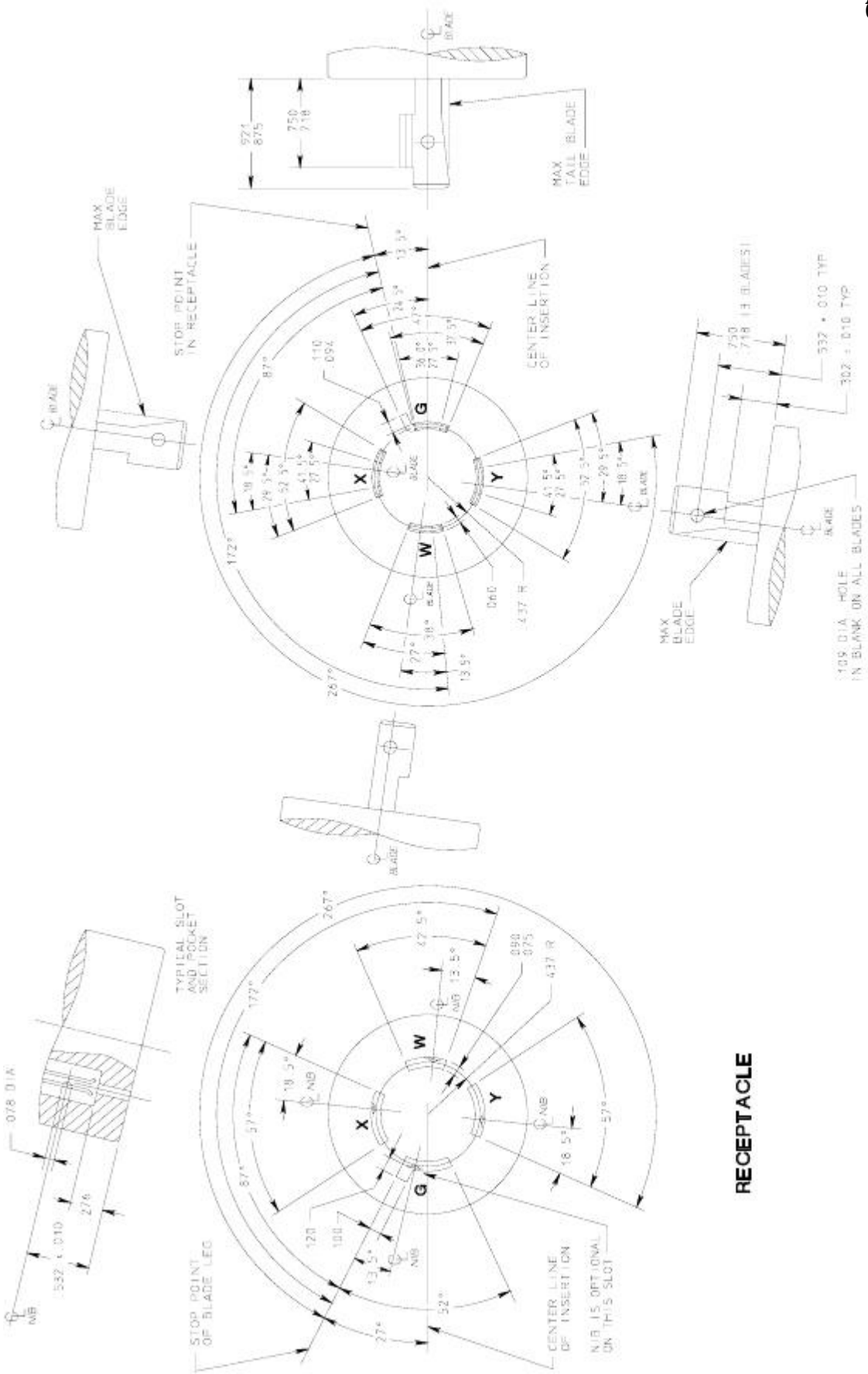


FIGURE L14-20
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 20 amperes, 3 pole, 4 wire, Grounding type

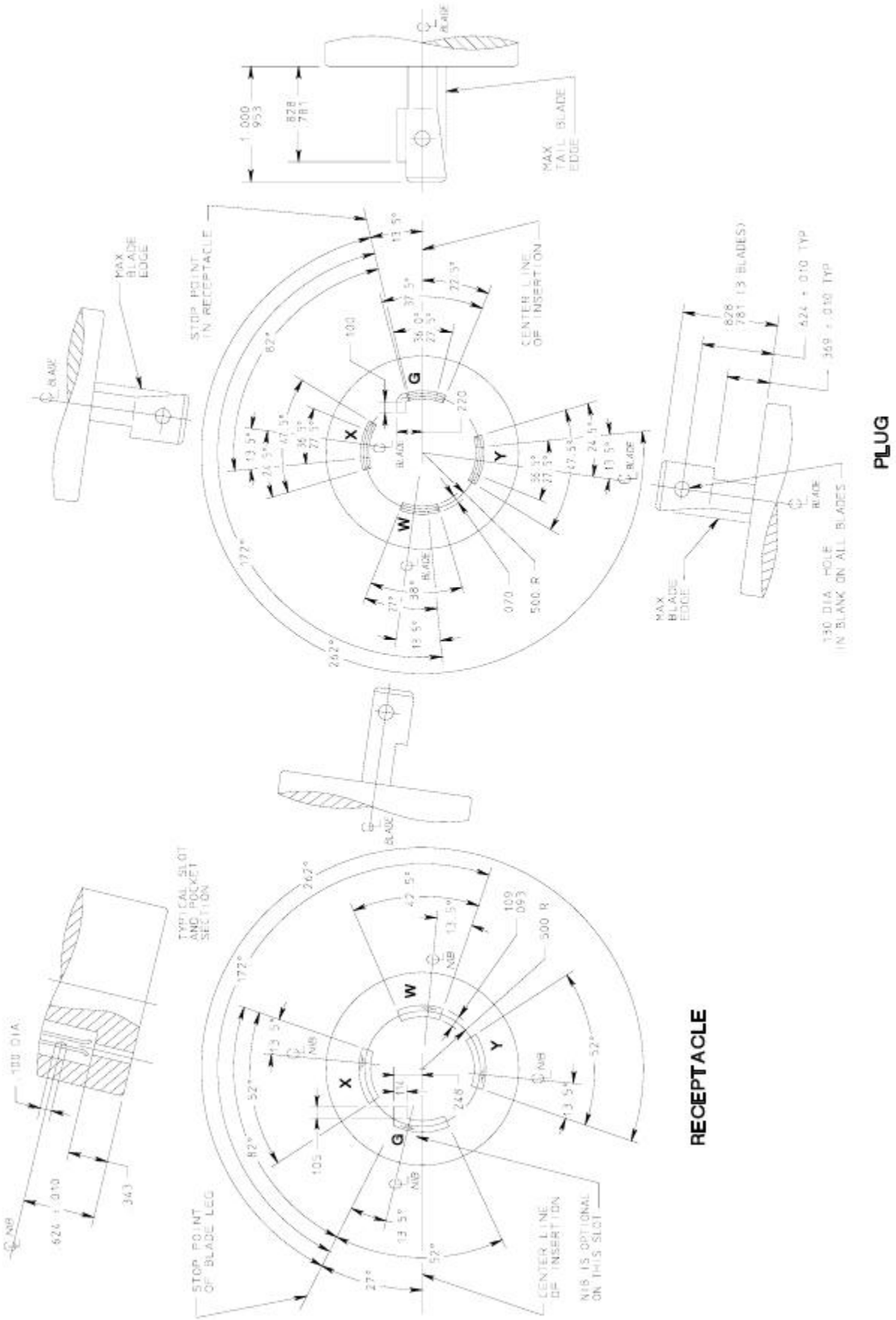


FIGURE L14-30
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 30 amperes, 3 pole, 4 wire, Grounding type

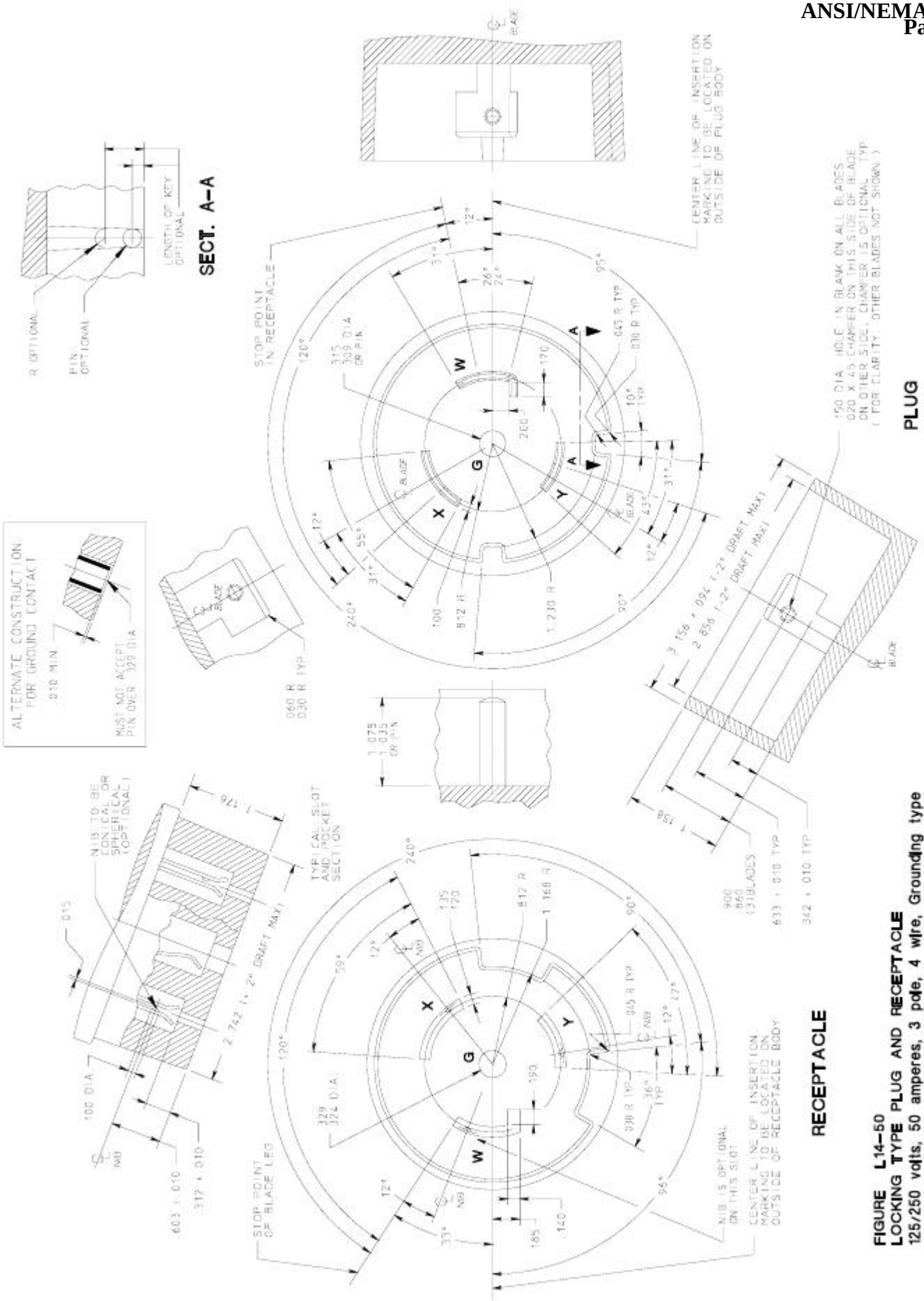


FIGURE L14-50
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 50 amperes, 3 pole, 4 wire, Grounding type

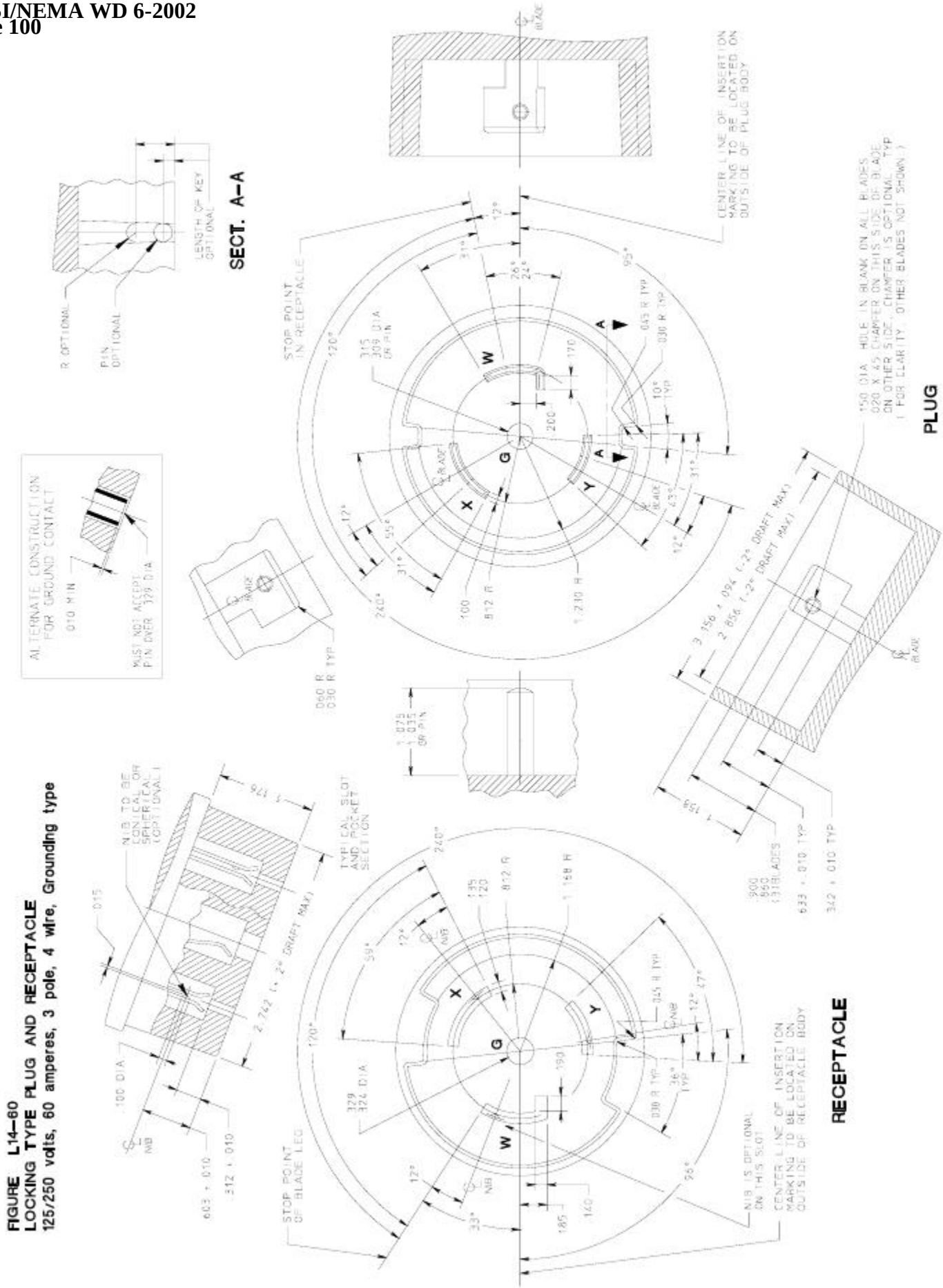


FIGURE L14–60
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 60 amperes, 3 pole, 4 wire, Grounding type

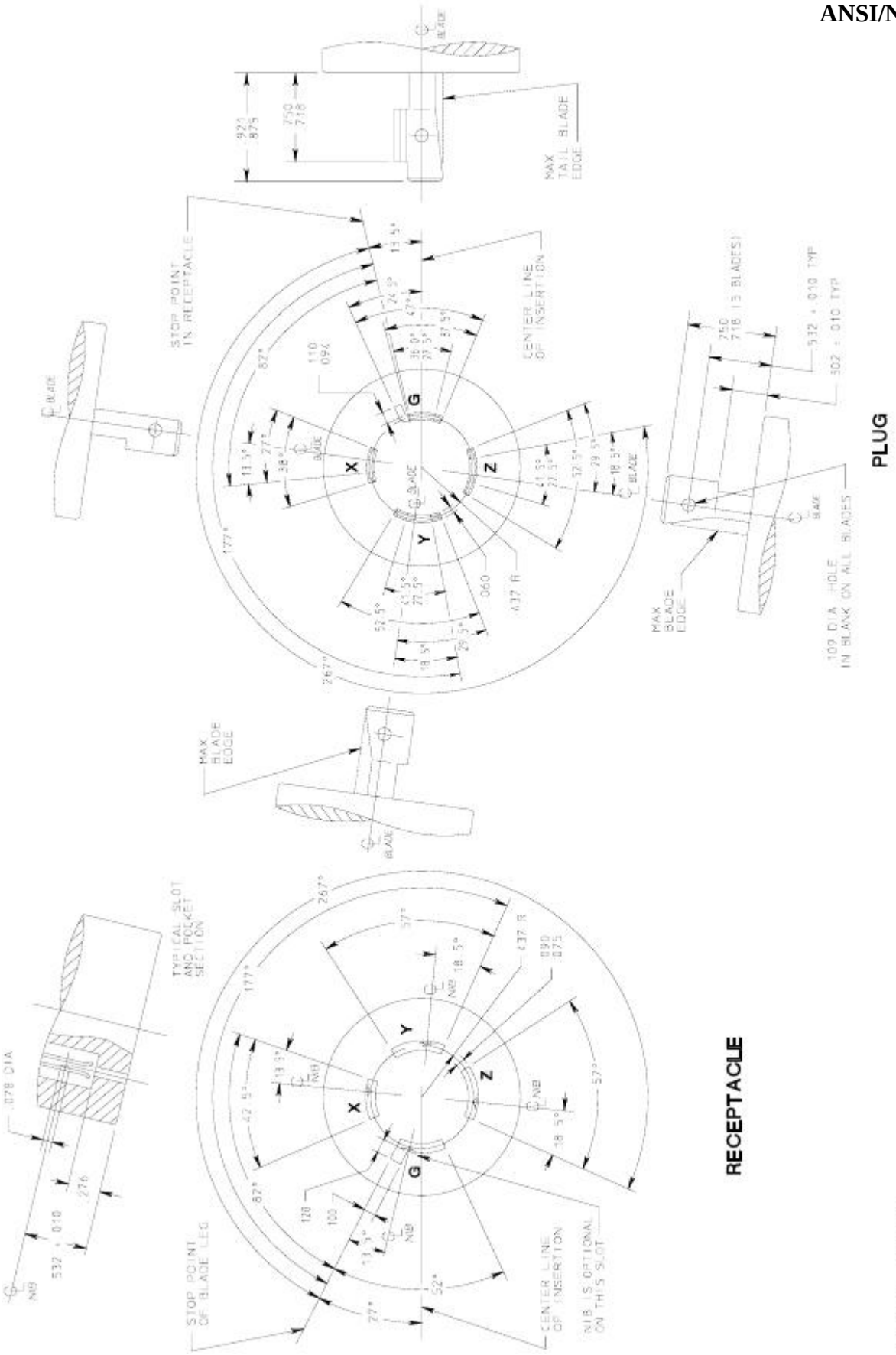


FIGURE L15-20
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 20 amperes 3 phase, 3 pole, 4 wire, Grounding type

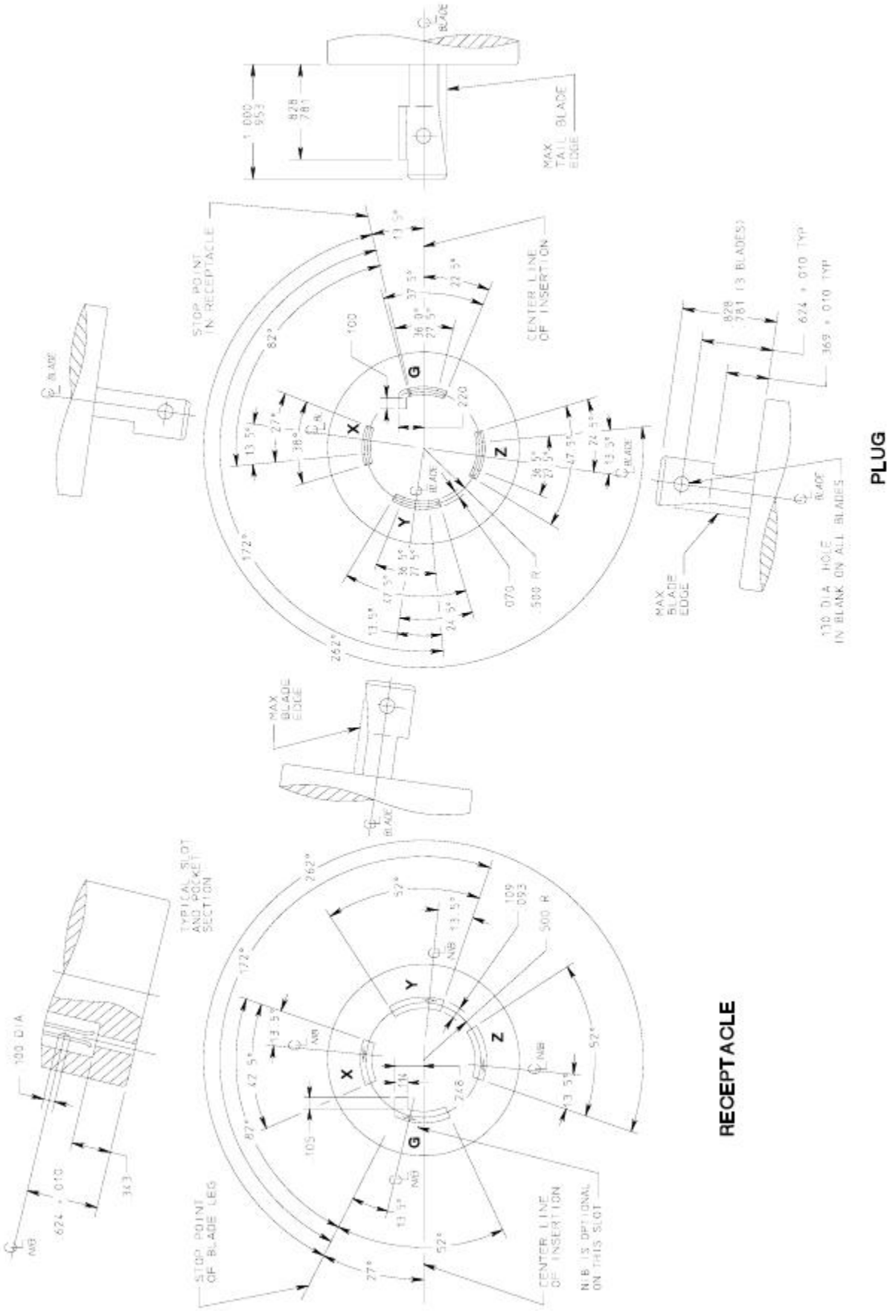


FIGURE L15-30
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 30 amperes, 3 phase, 3 pole, 4 wire, Grounding type

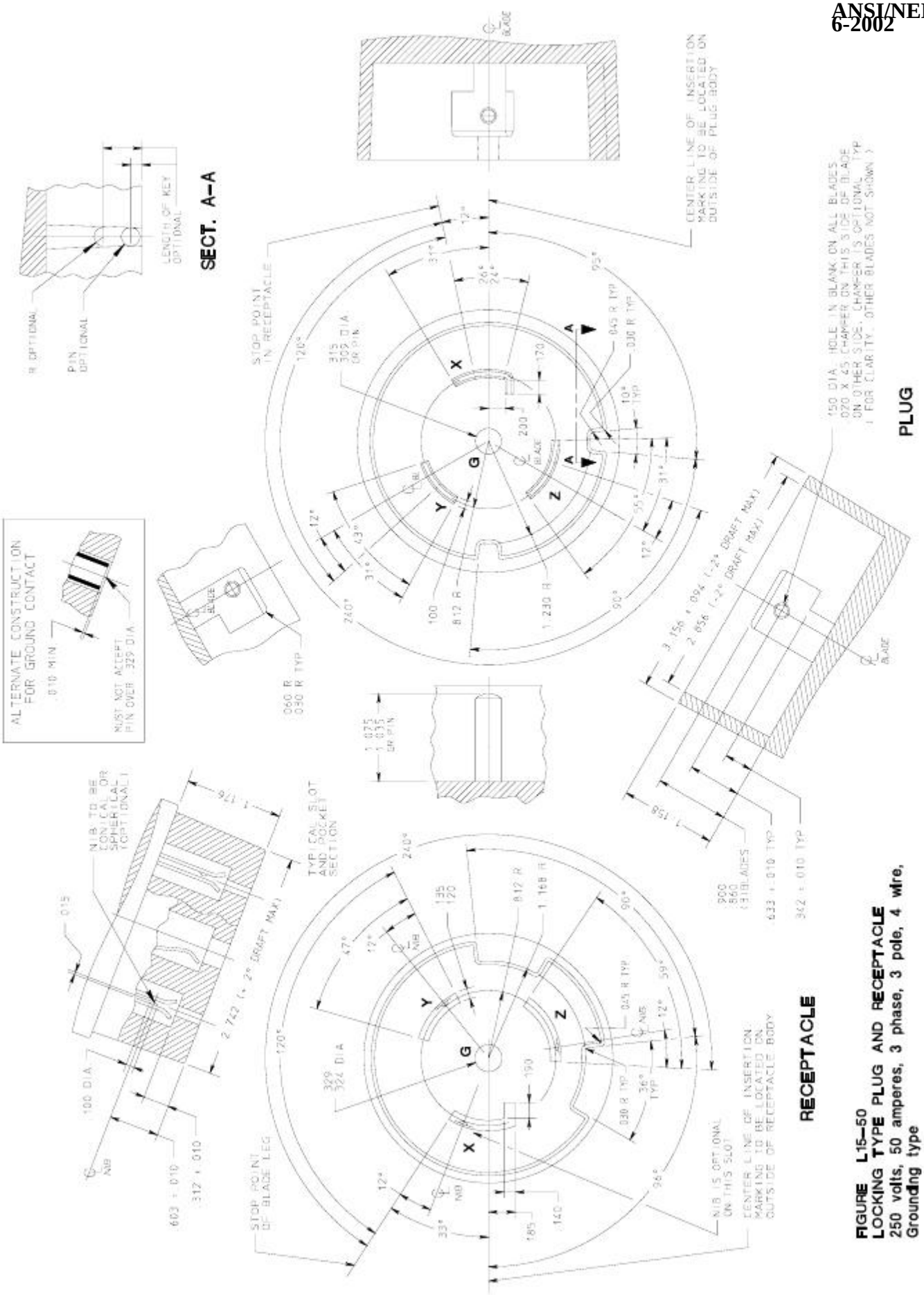


FIGURE L15–50
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 50 amperes, 3 phase, 3 pole, 4 wire, Grounding type

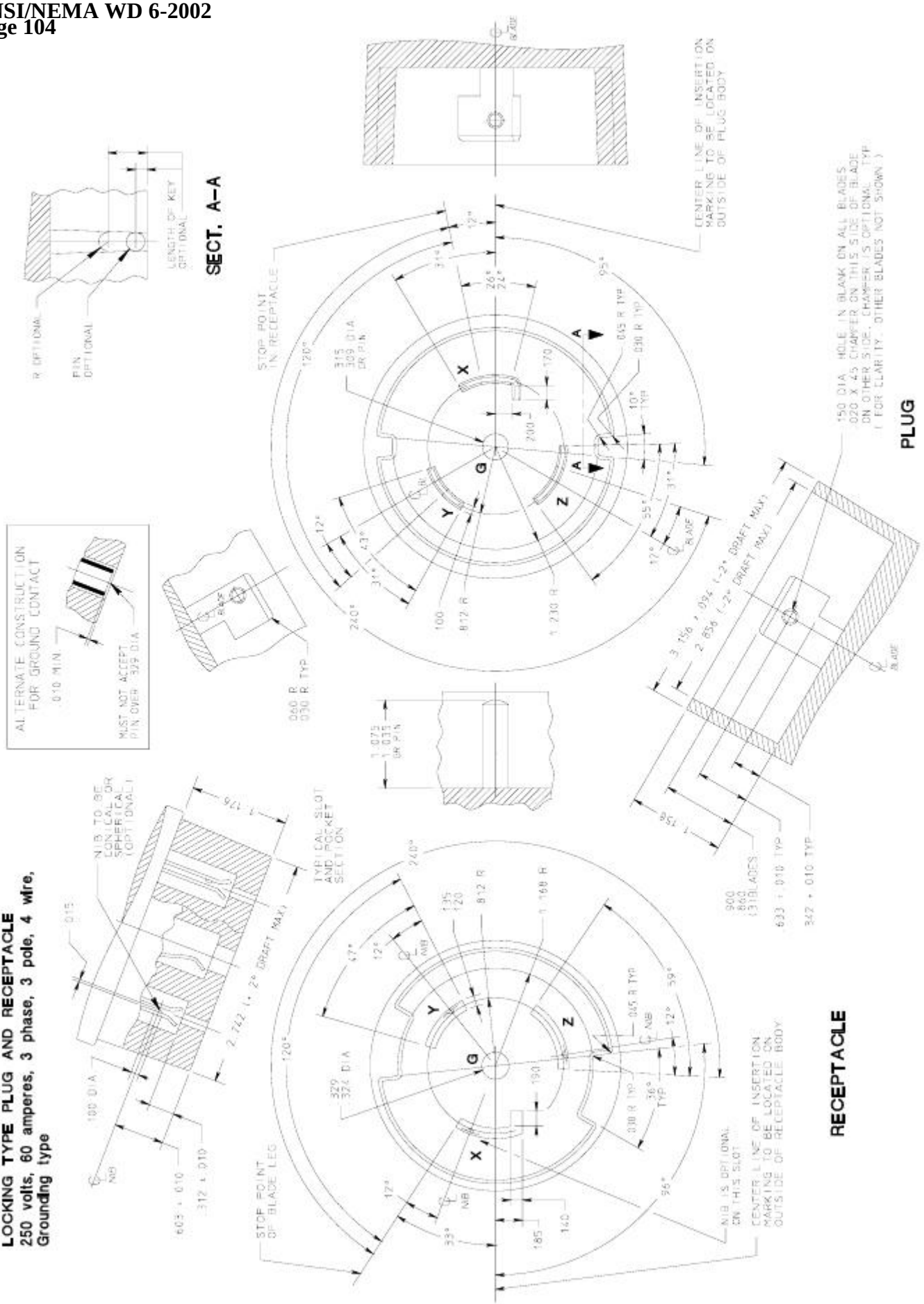


FIGURE L15–60
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 60 amperes, 3 phase, 3 pole, 4 wire, Grounding type

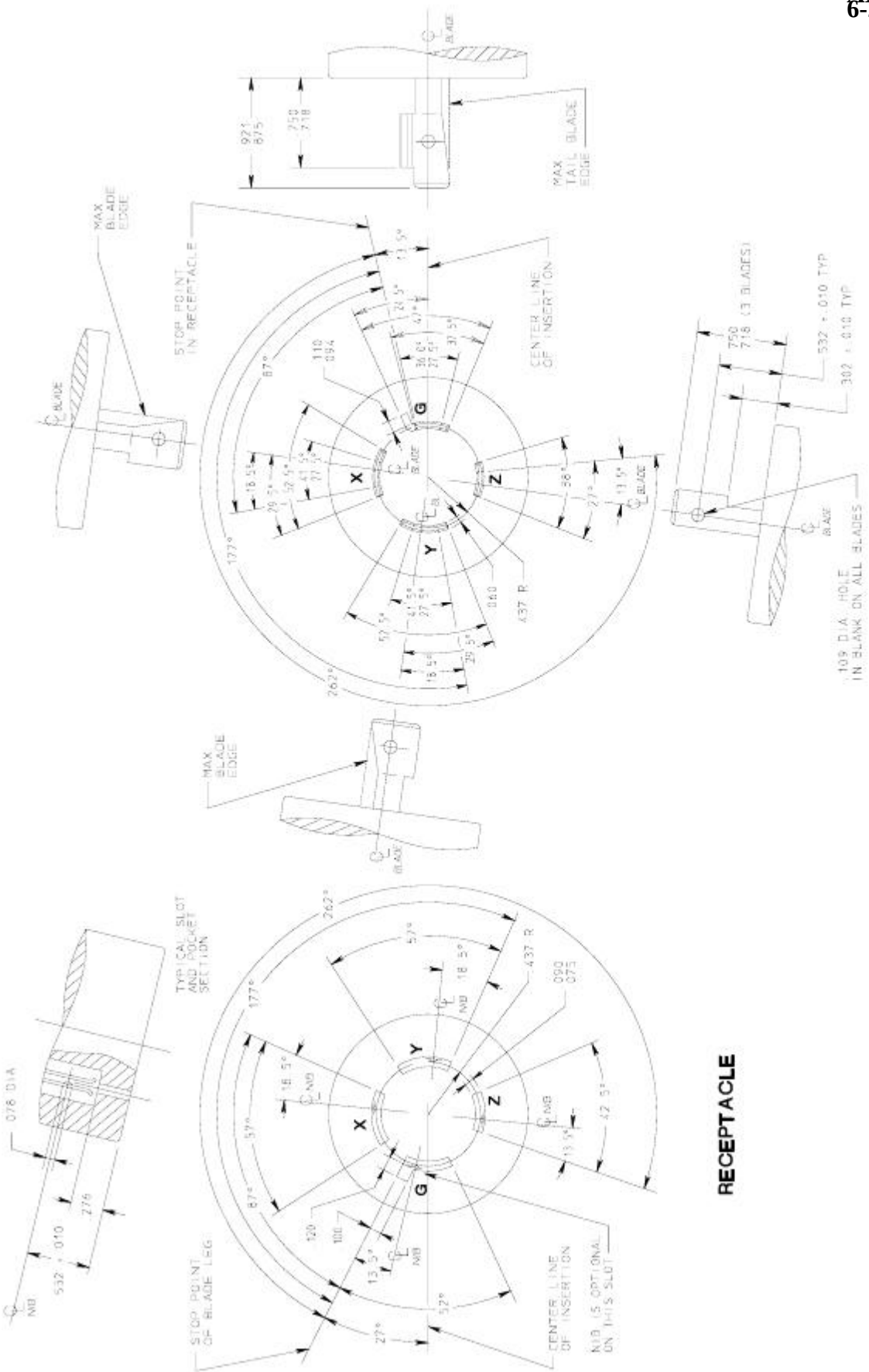


FIGURE L16–20
LOCKING TYPE PLUG AND RECEPTACLE
480 volts, 20 amperes, 3 pole, 4 wire, Grounding type

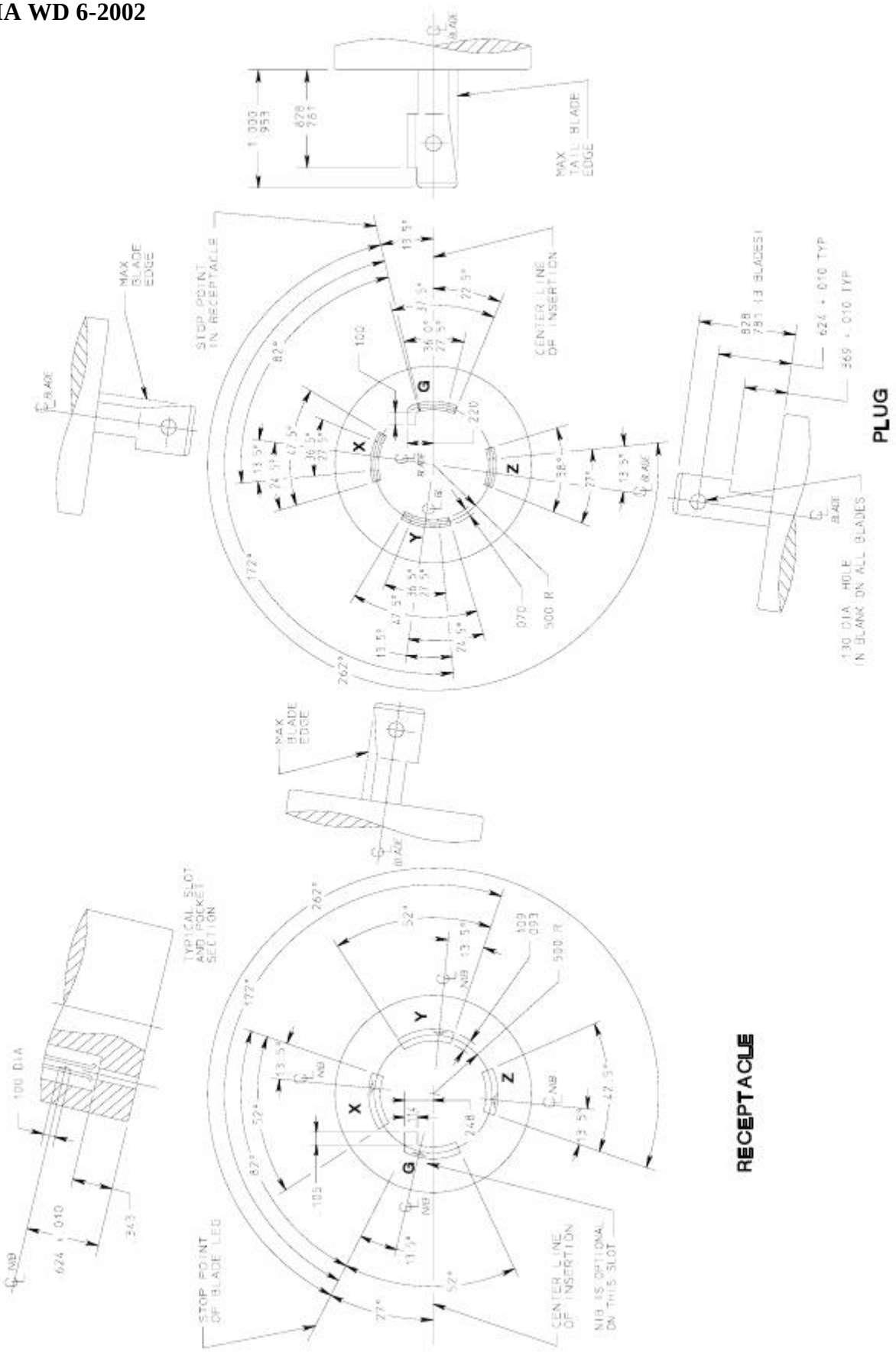


FIGURE L16-30
LOCKING TYPE PLUG AND RECEPTACLE
480 volts, 30 amperes, 3 pole, 4 wire, Grounding type

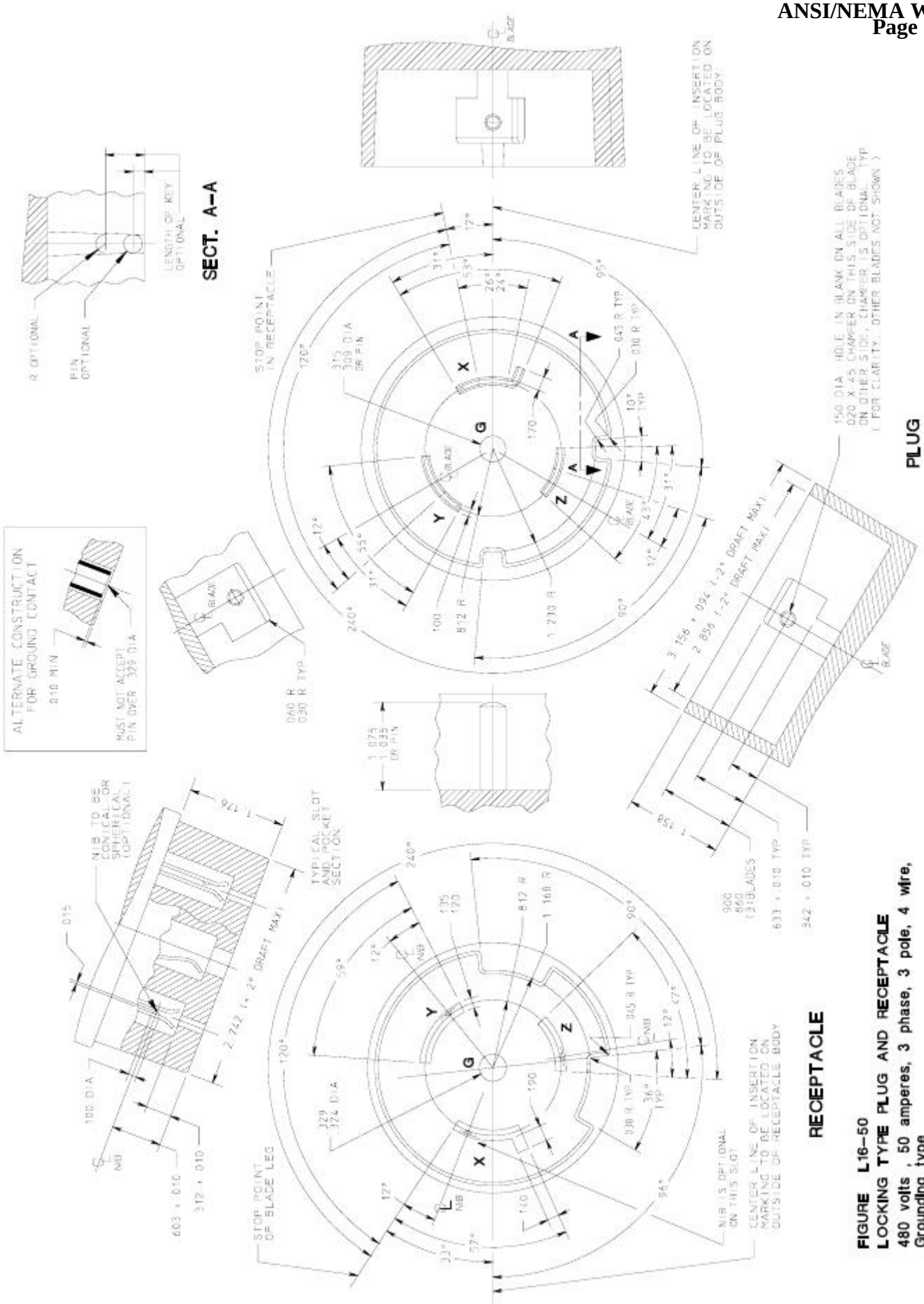


FIGURE L16–50
LOCKING TYPE PLUG AND RECEPTACLE
480 volts , 50 amperes, 3 phase, 3 pole, 4 wire, Grounding type

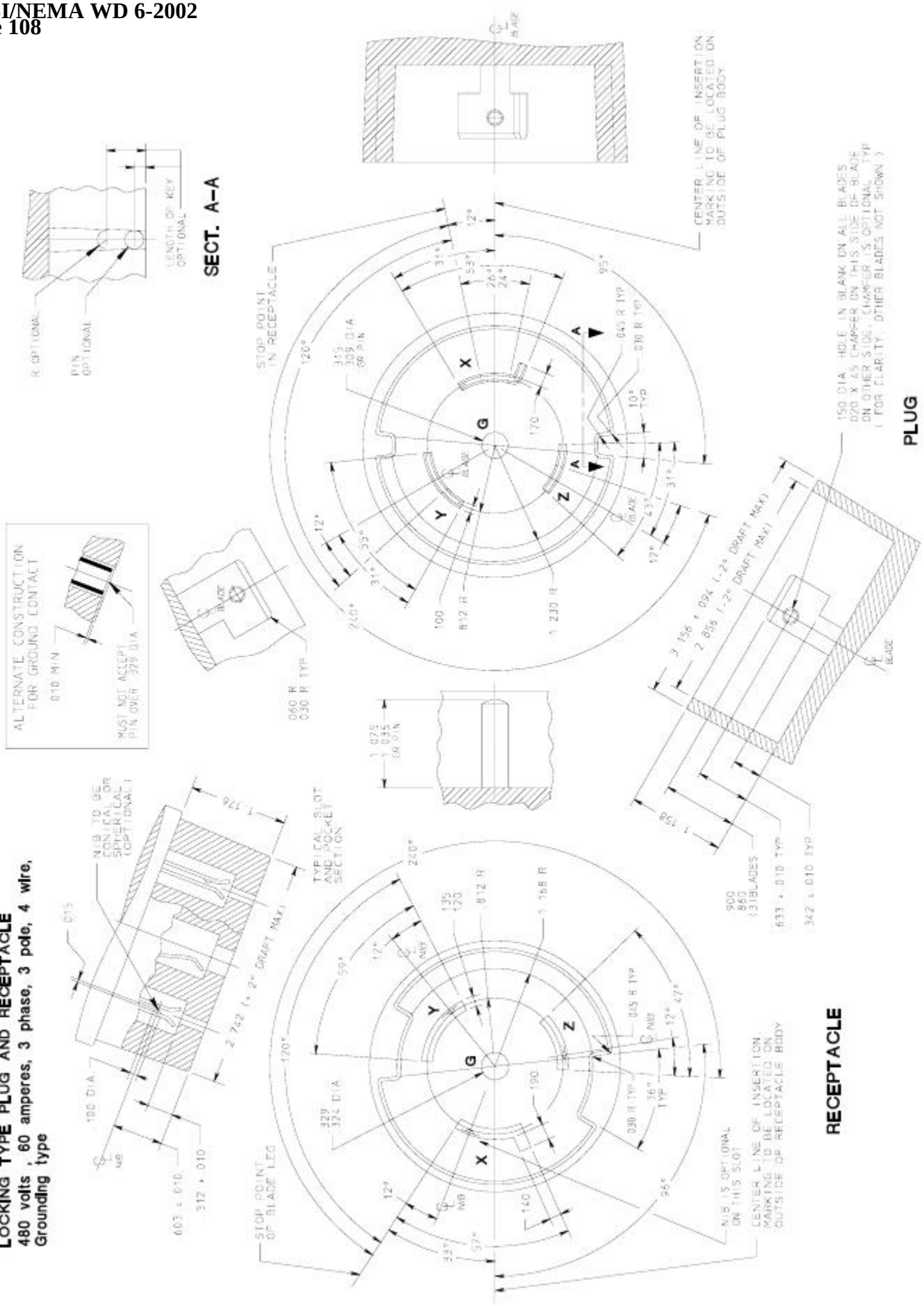


FIGURE L16–60
LOCKING TYPE PLUG AND RECEPTACLE
480 volts , 60 amperes, 3 phase, 3 pole, 4 wire, Grounding type

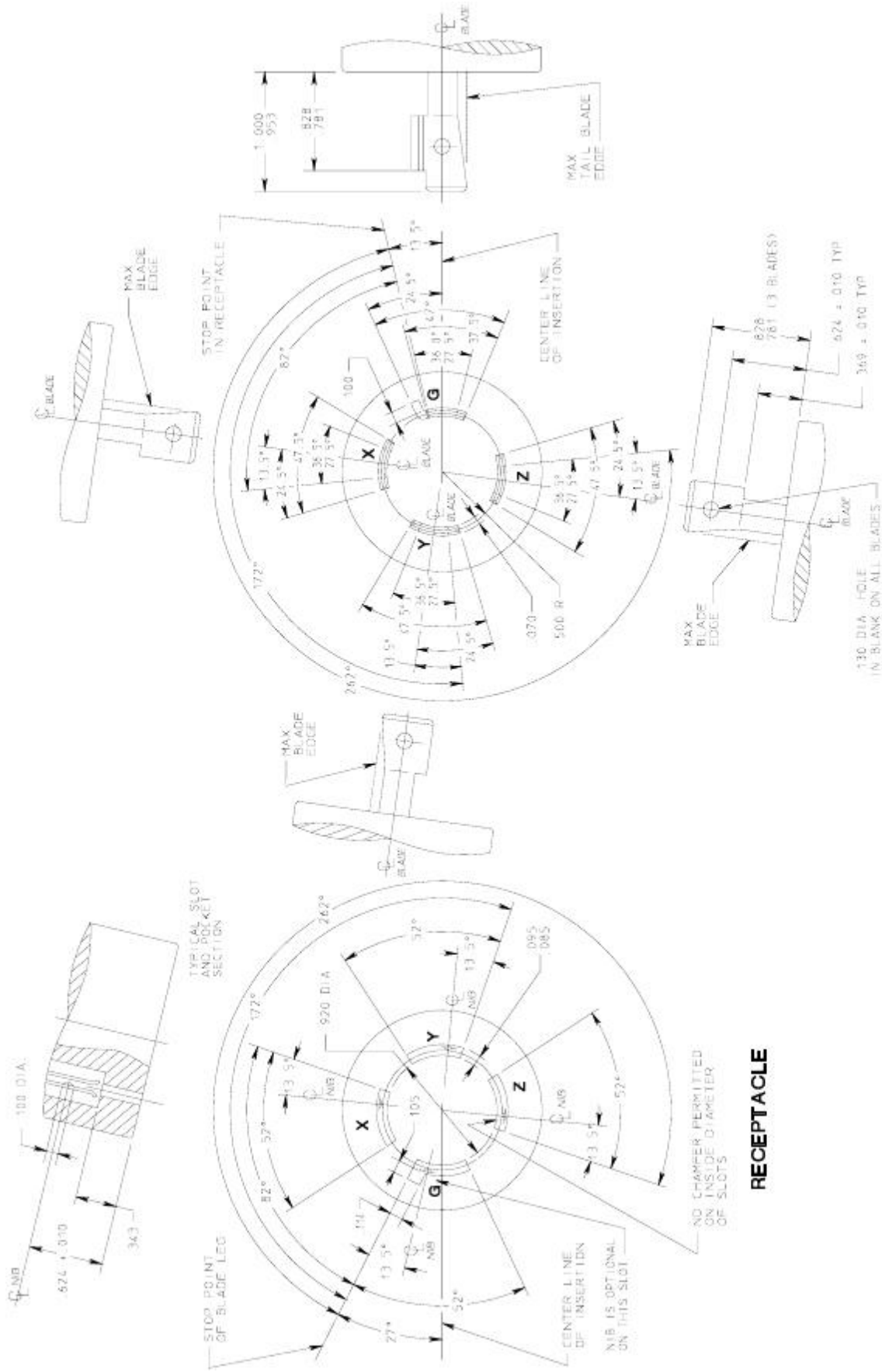


FIGURE L17-30
LOCKING TYPE PLUG AND RECEPTACLE
600 volts, 30 amperes, 3 phase, 4 wire, Grounding type

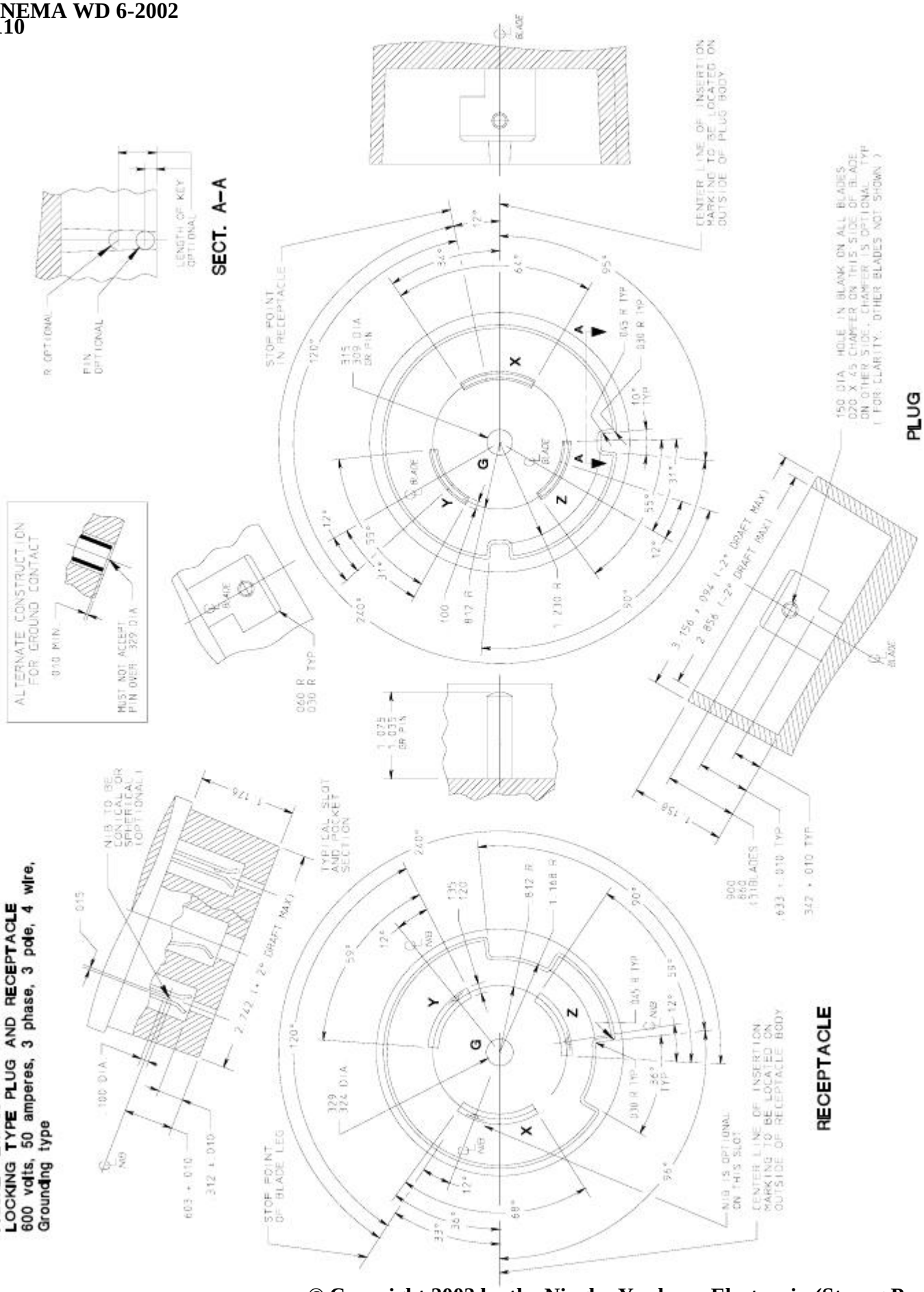


FIGURE L17–50
LOCKING TYPE PLUG AND RECEPTACLE
600 volts, 50 amperes, 3 phase, 3 pole, 4 wire, Grounding type

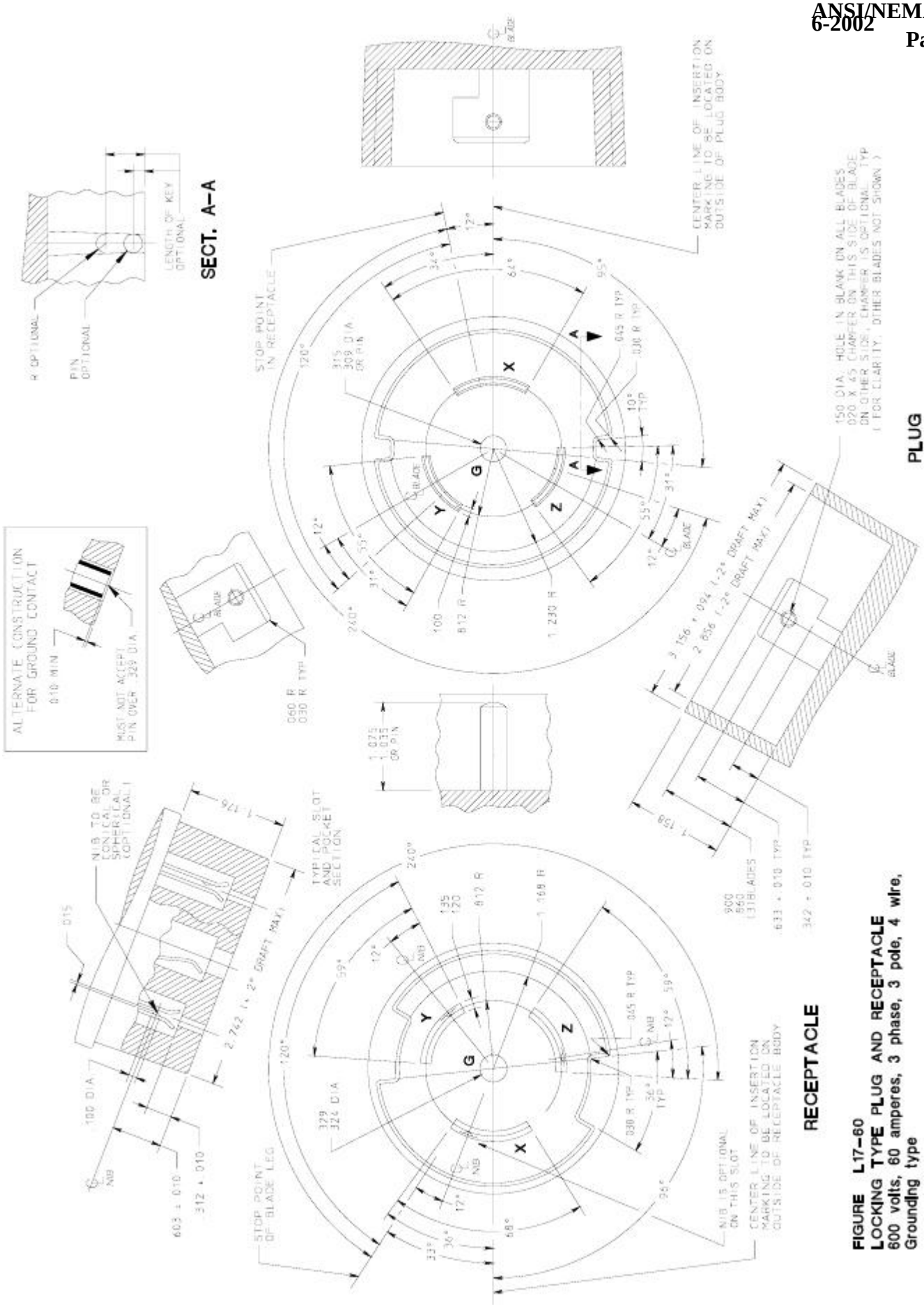


FIGURE L17–60
LOCKING TYPE PLUG AND RECEPTACLE
600 volts, 60 amperes, 3 phase, 3 pole, 4 wire, Grounding type

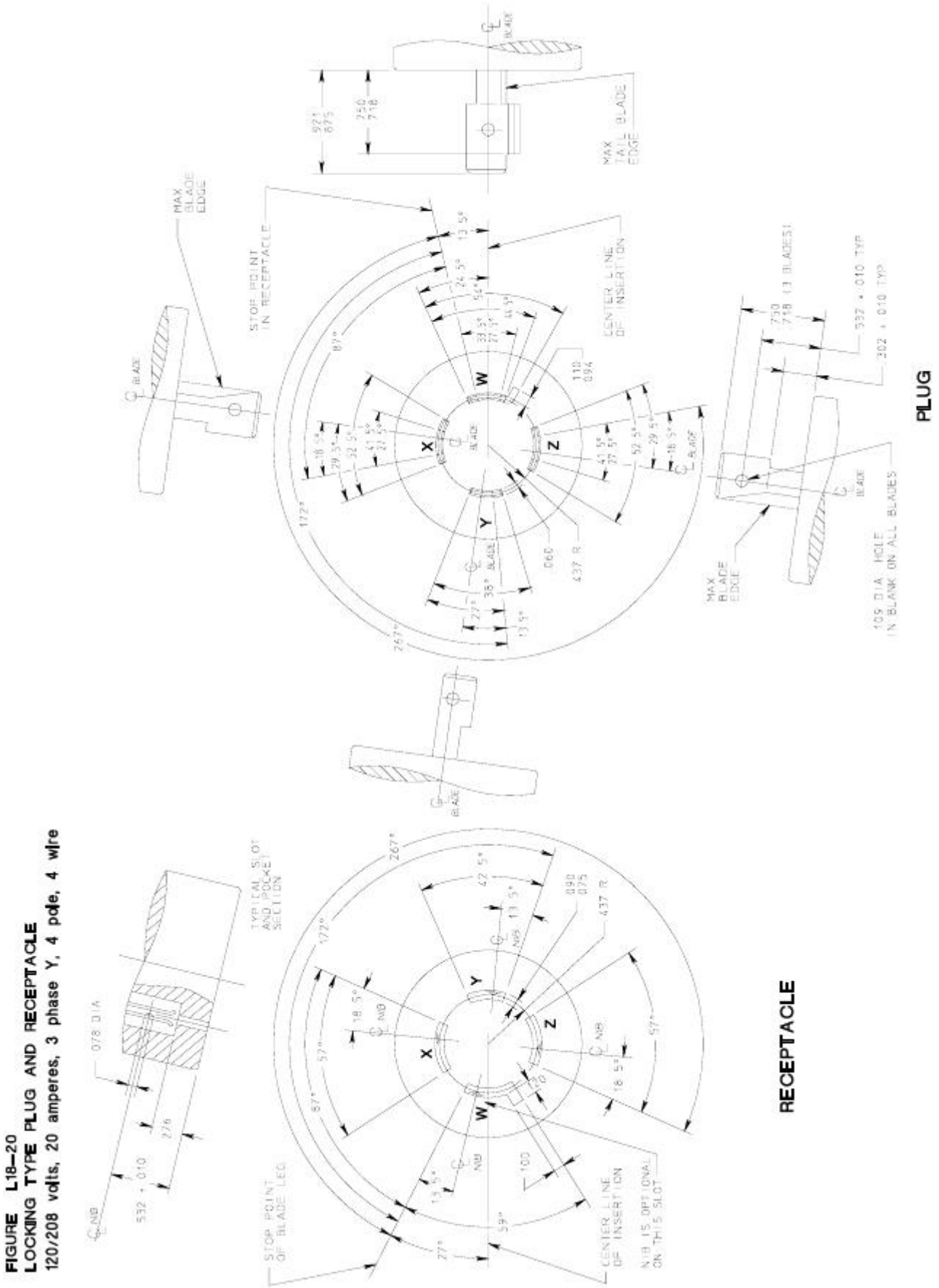


FIGURE L18–20
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 20 amperes, 3 phase Y, 4 pole, 4 wire

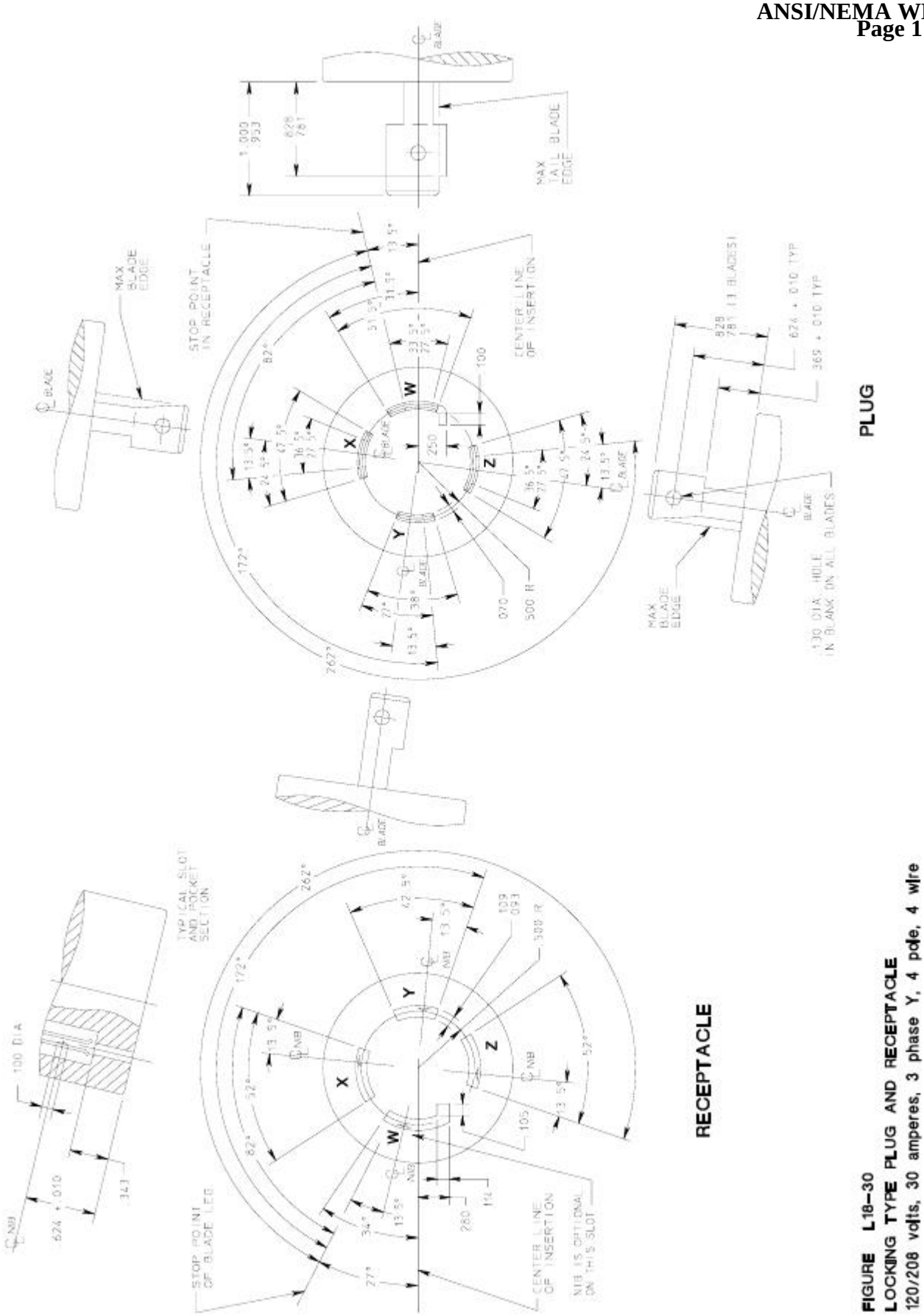


FIGURE L18-30
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 30 amperes, 3 phase Y, 4 pole, 4 wire

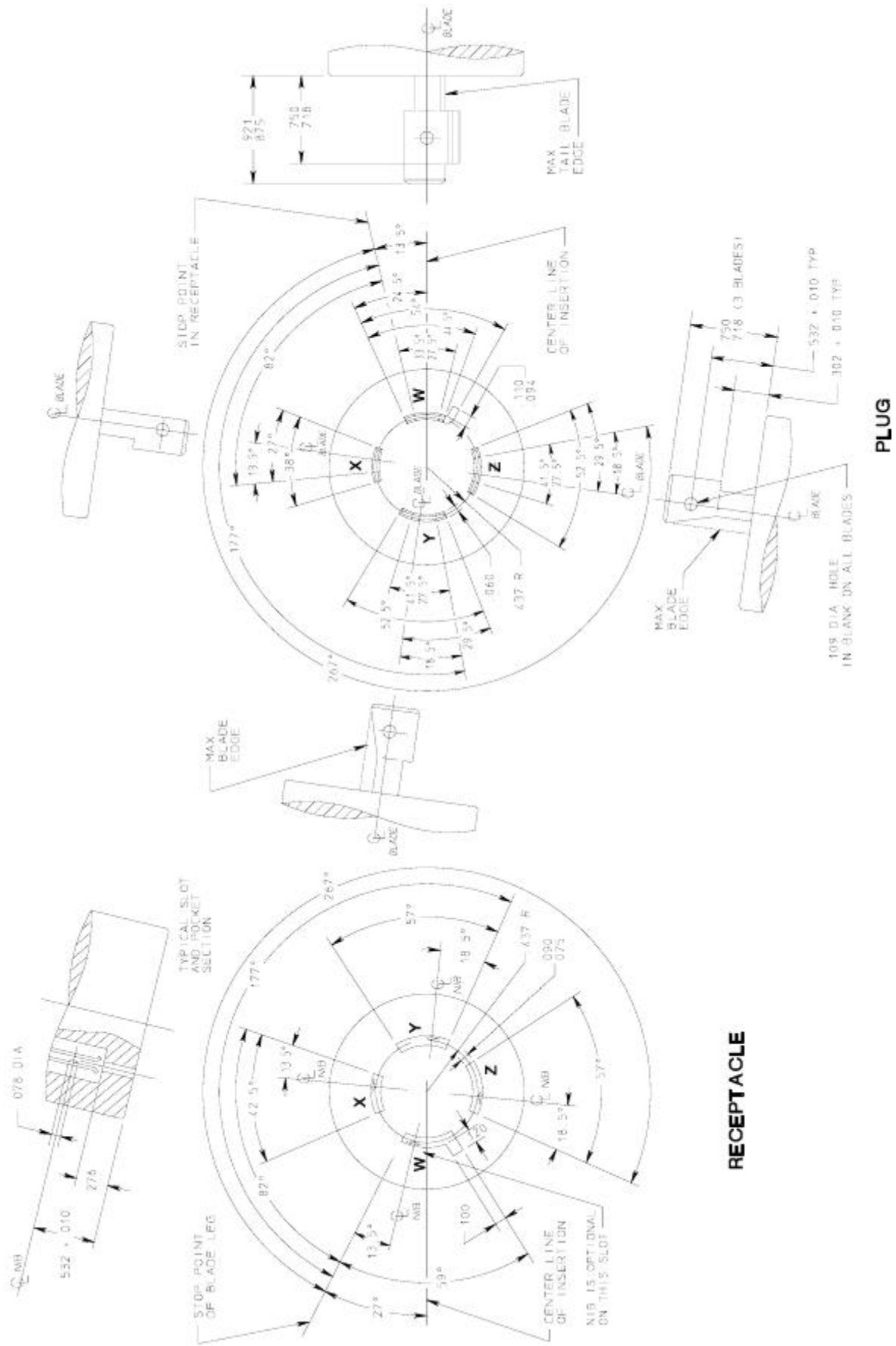


FIGURE L19–20
LOCKING TYPE PLUG AND RECEPTACLE
277/480 volts, 20 amperes, 3 phase Y, 4 pole, 4 wire

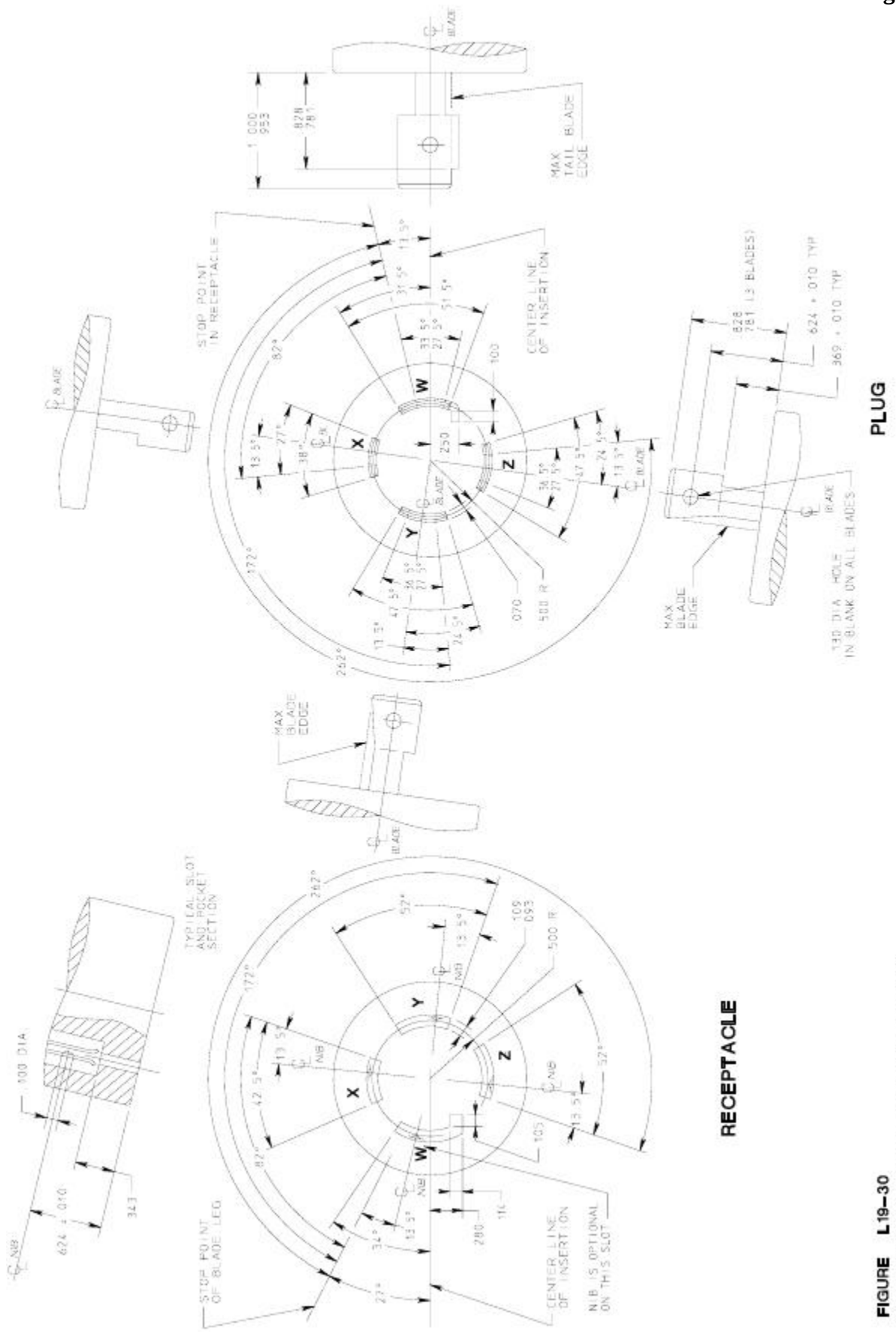


FIGURE L19–30
LOCKING TYPE PLUG AND RECEPTACLE
277/480 volts, 30 amperes, 3 phase Y, 4 pde, 4 wire

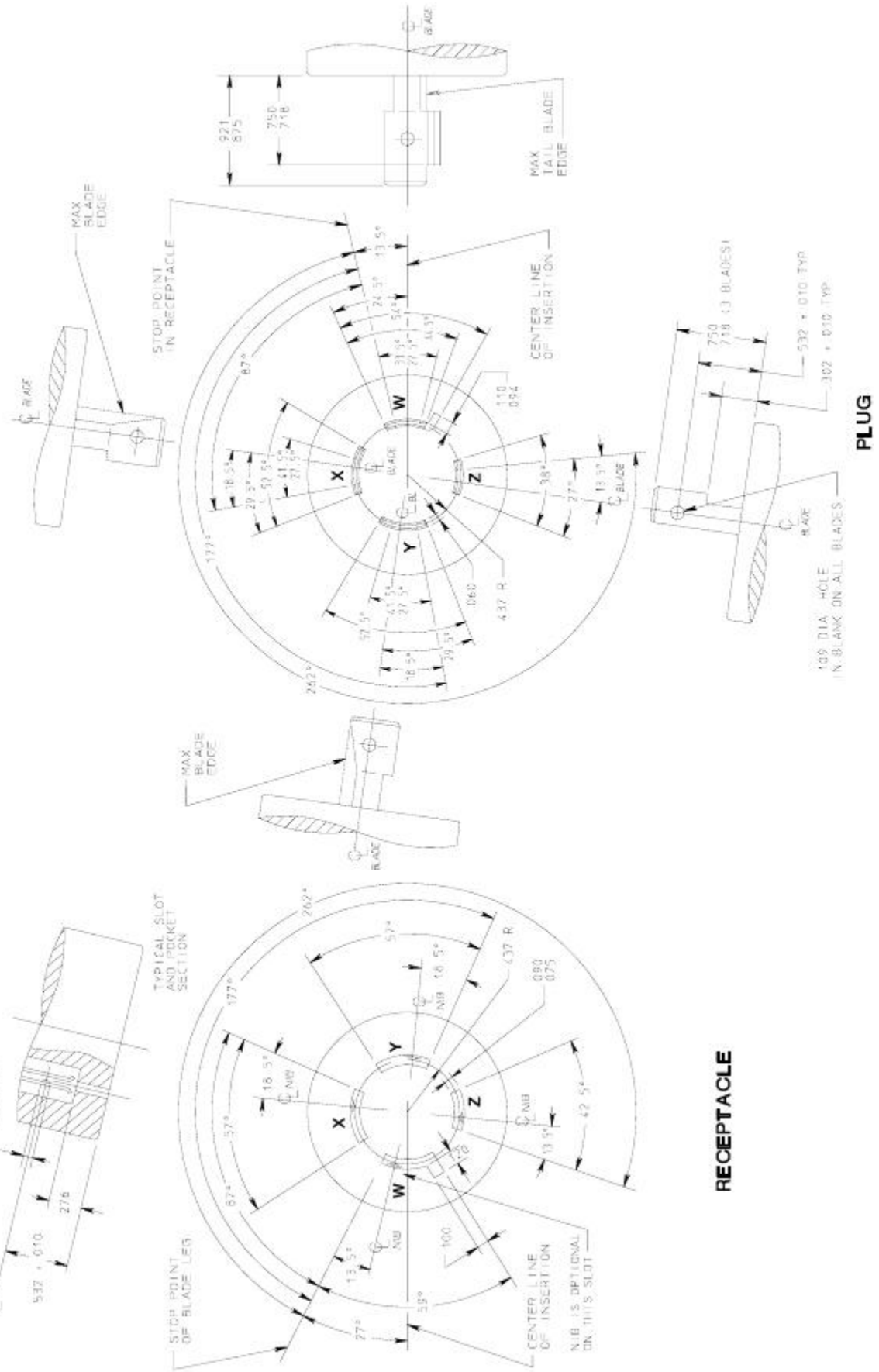


FIGURE L20-20
LOCKING TYPE PLUG AND RECEPTACLE
347/600 volts, 20 amperes, 3 phase Y, 4 pole, 4 wire

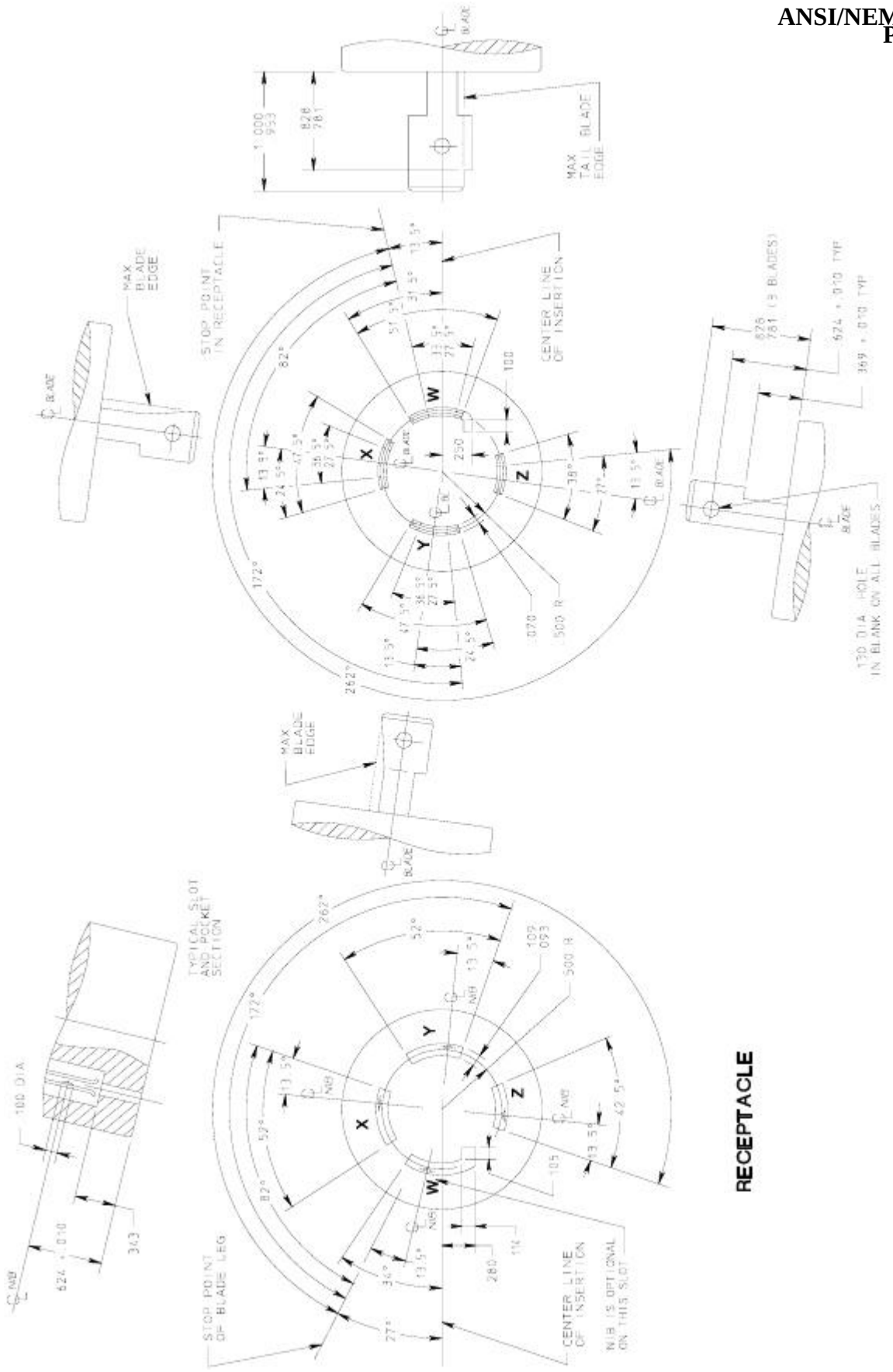


FIGURE L20–30
LOCKING TYPE PLUG AND RECEPTACLE
347/600 volts, 30 amperes, 3 phase Y, 4 pole, 4 wire

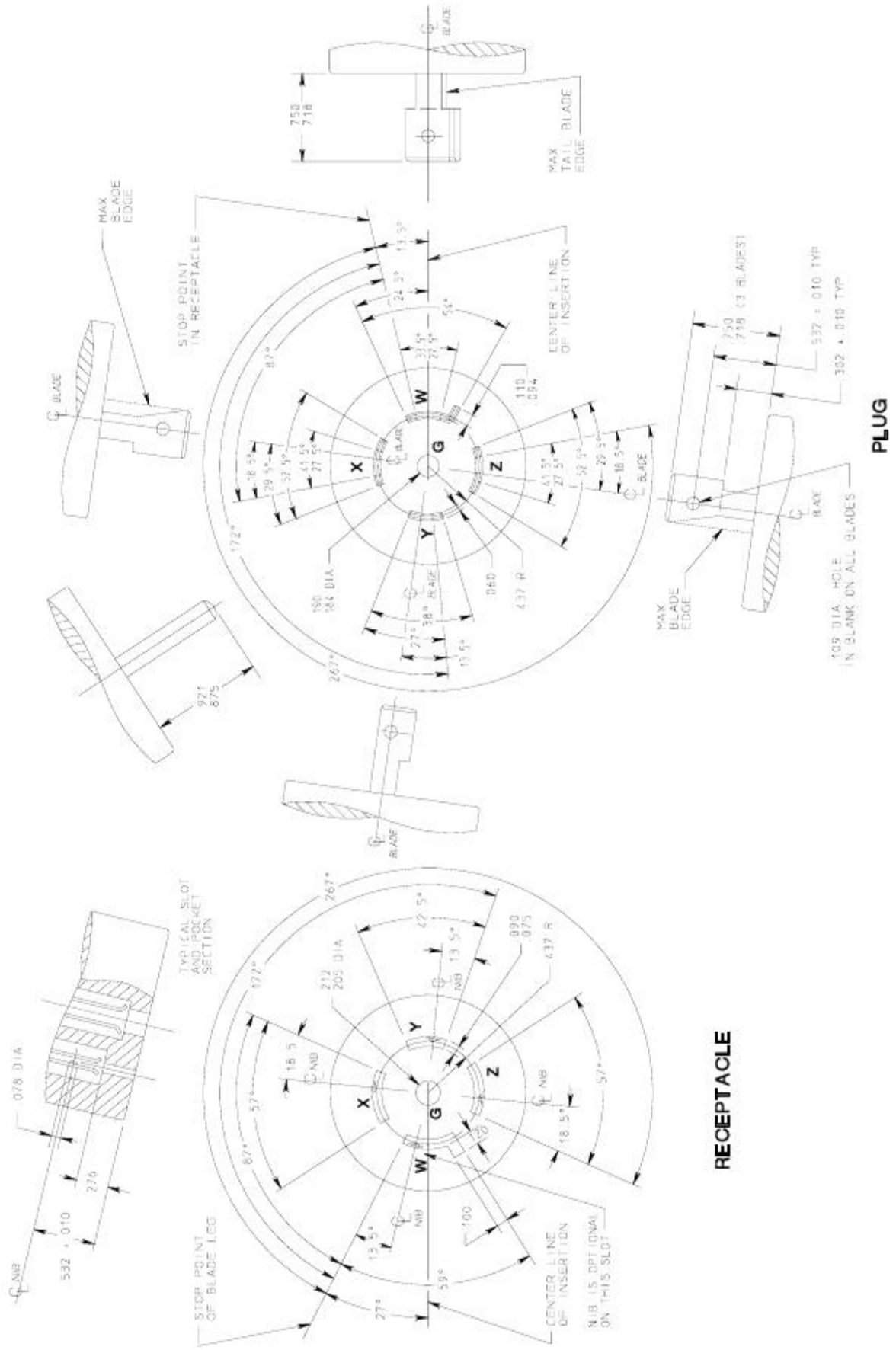


FIGURE L21-20
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 20 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

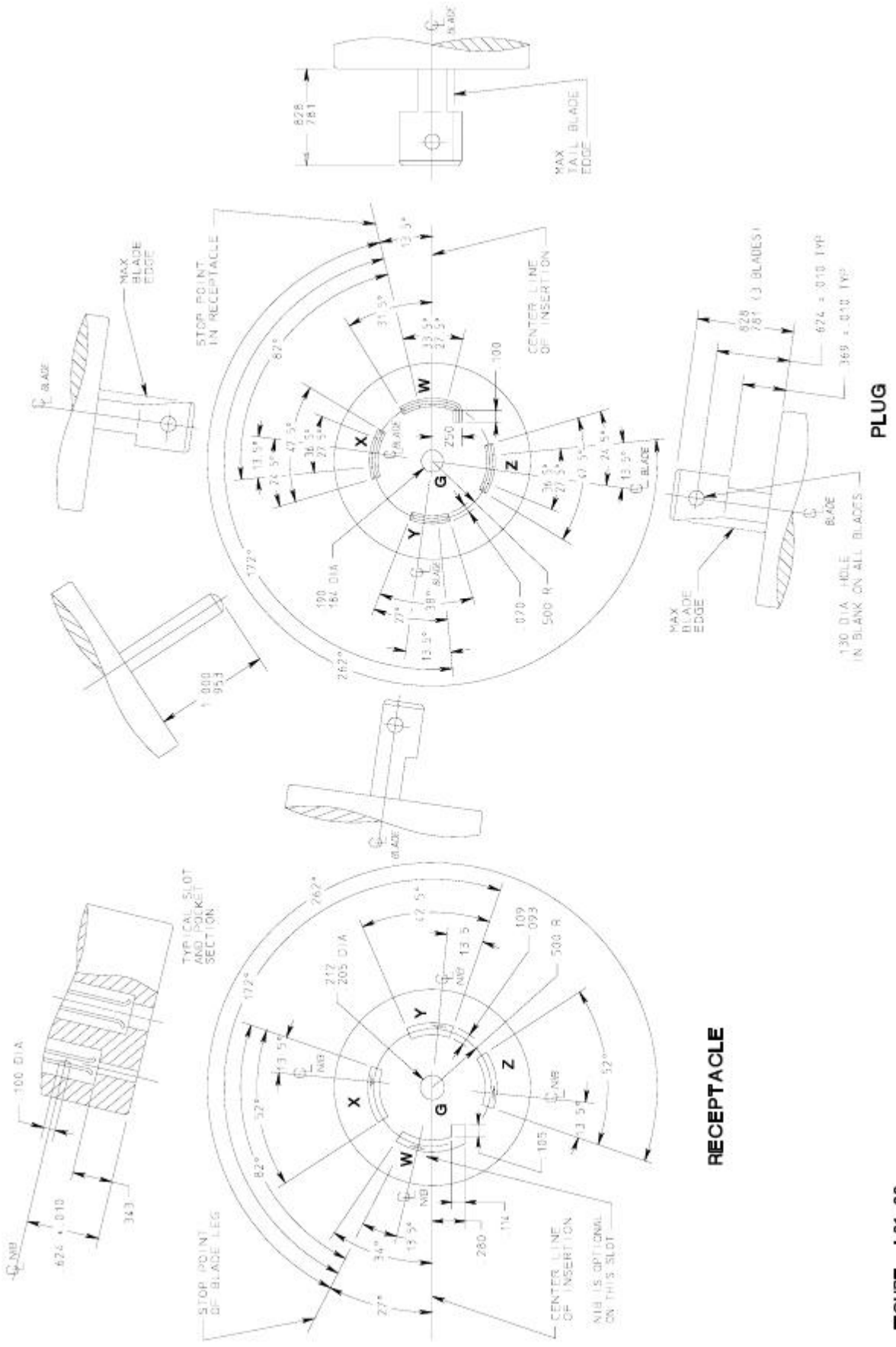


FIGURE L21–30
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 30 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

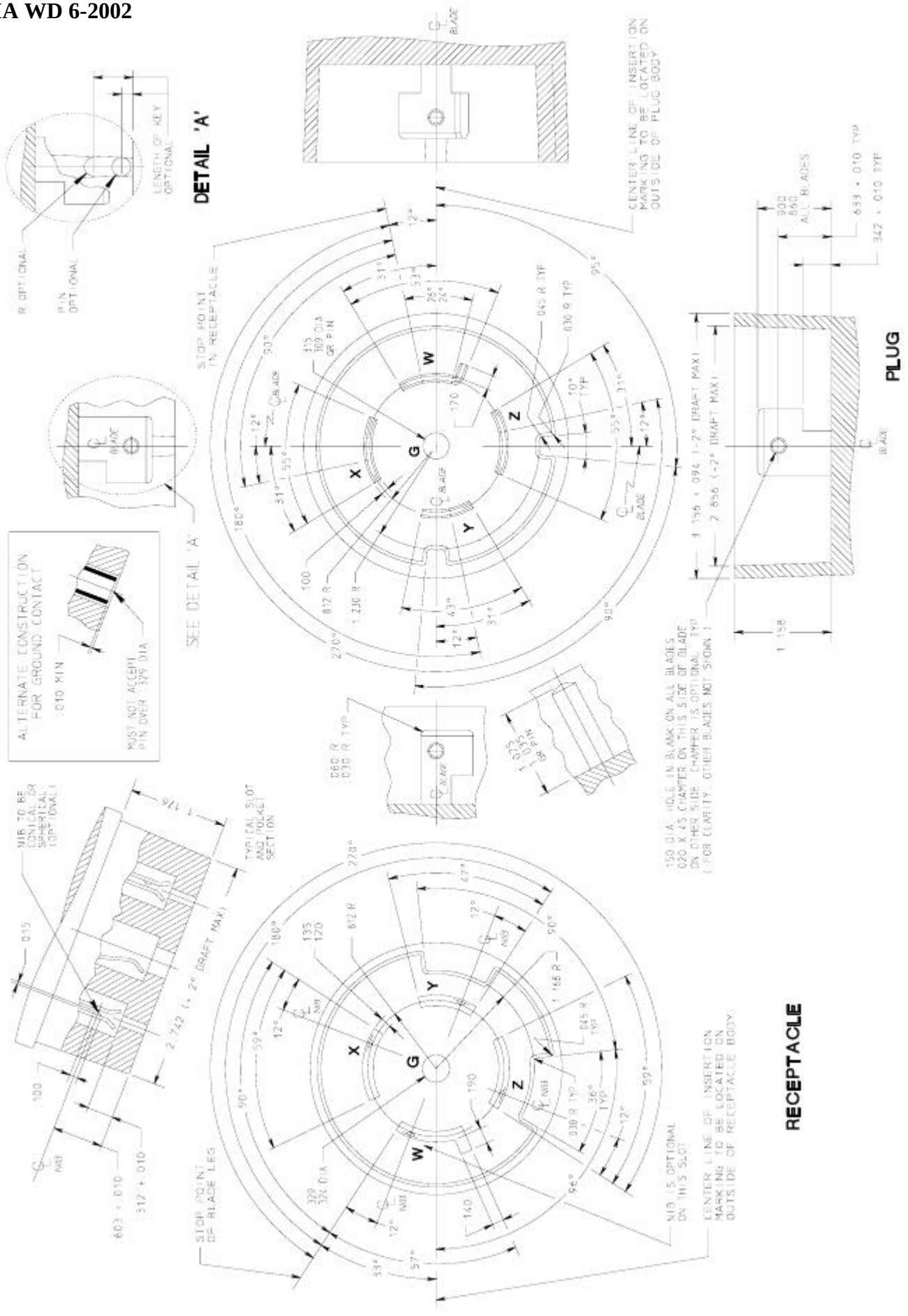


FIGURE L21-50
LOCKING TYPE PLUG AND RECEPTACLE
208 / 120 volts, 50 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding type

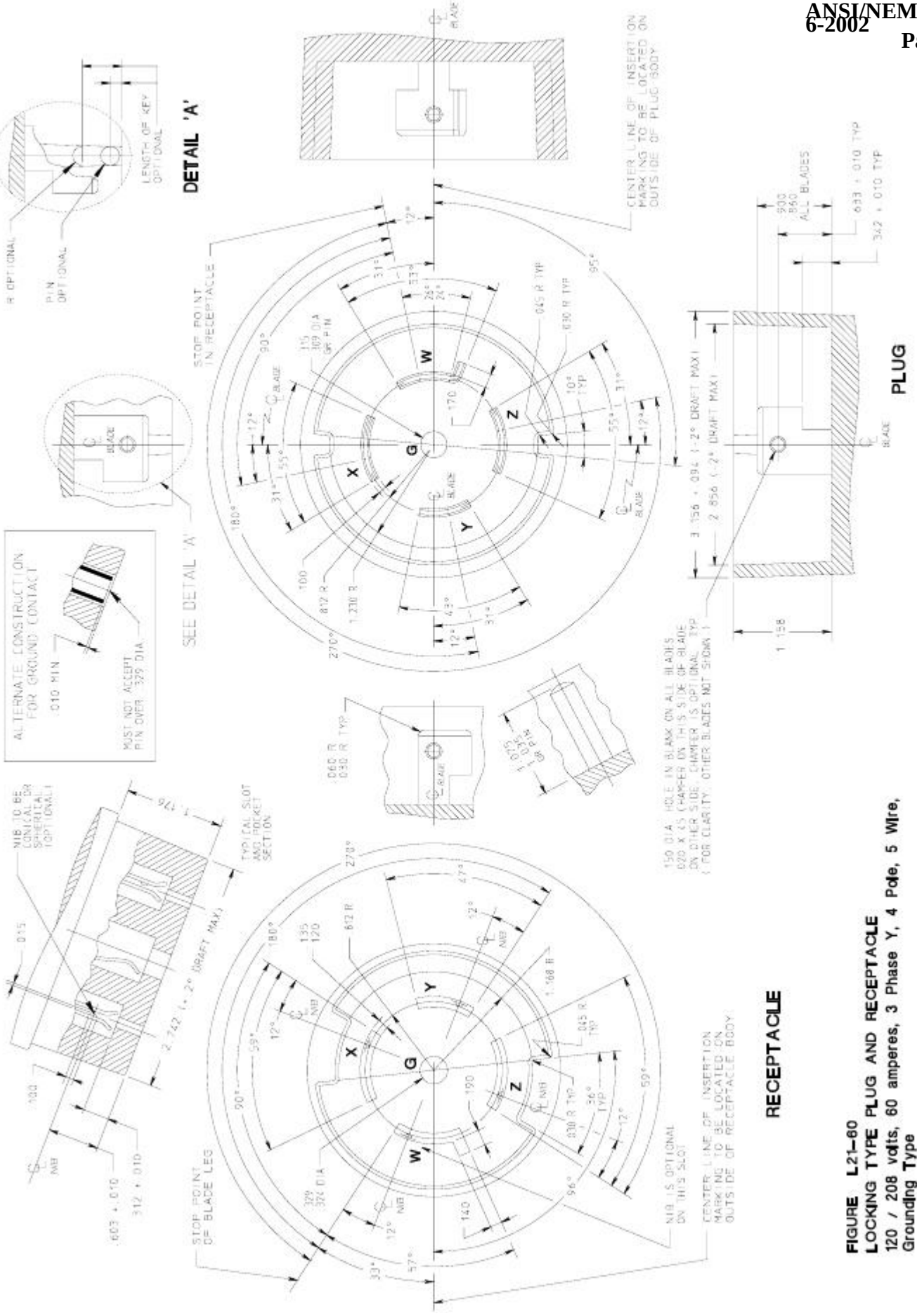


FIGURE L21-60
LOCKING TYPE PLUG AND RECEPTACLE
120 / 208 volts, 60 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding Type

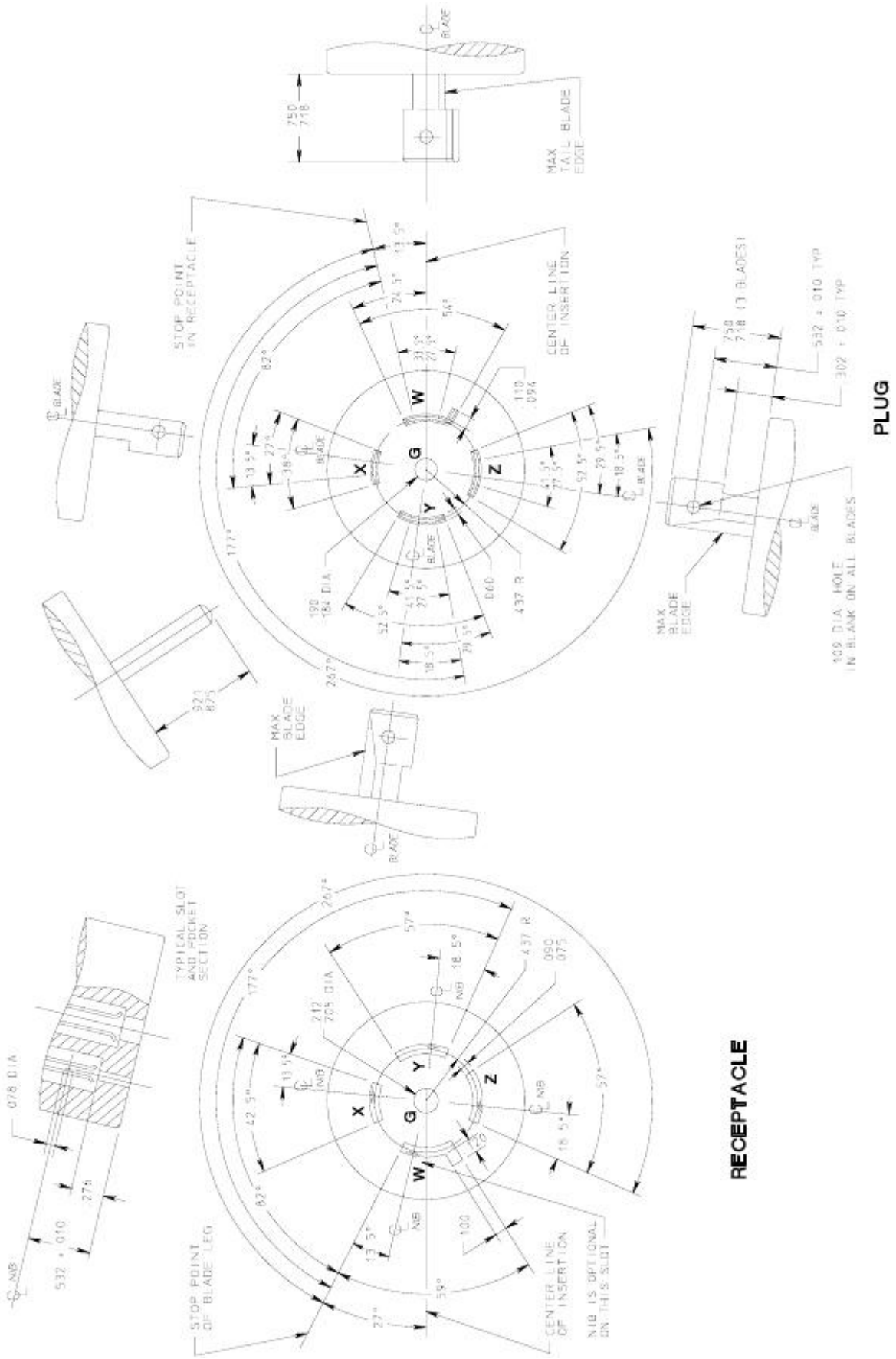


FIGURE L22-20
LOCKING TYPE PLUG AND RECEPTACLE
277/480 volts, 20 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

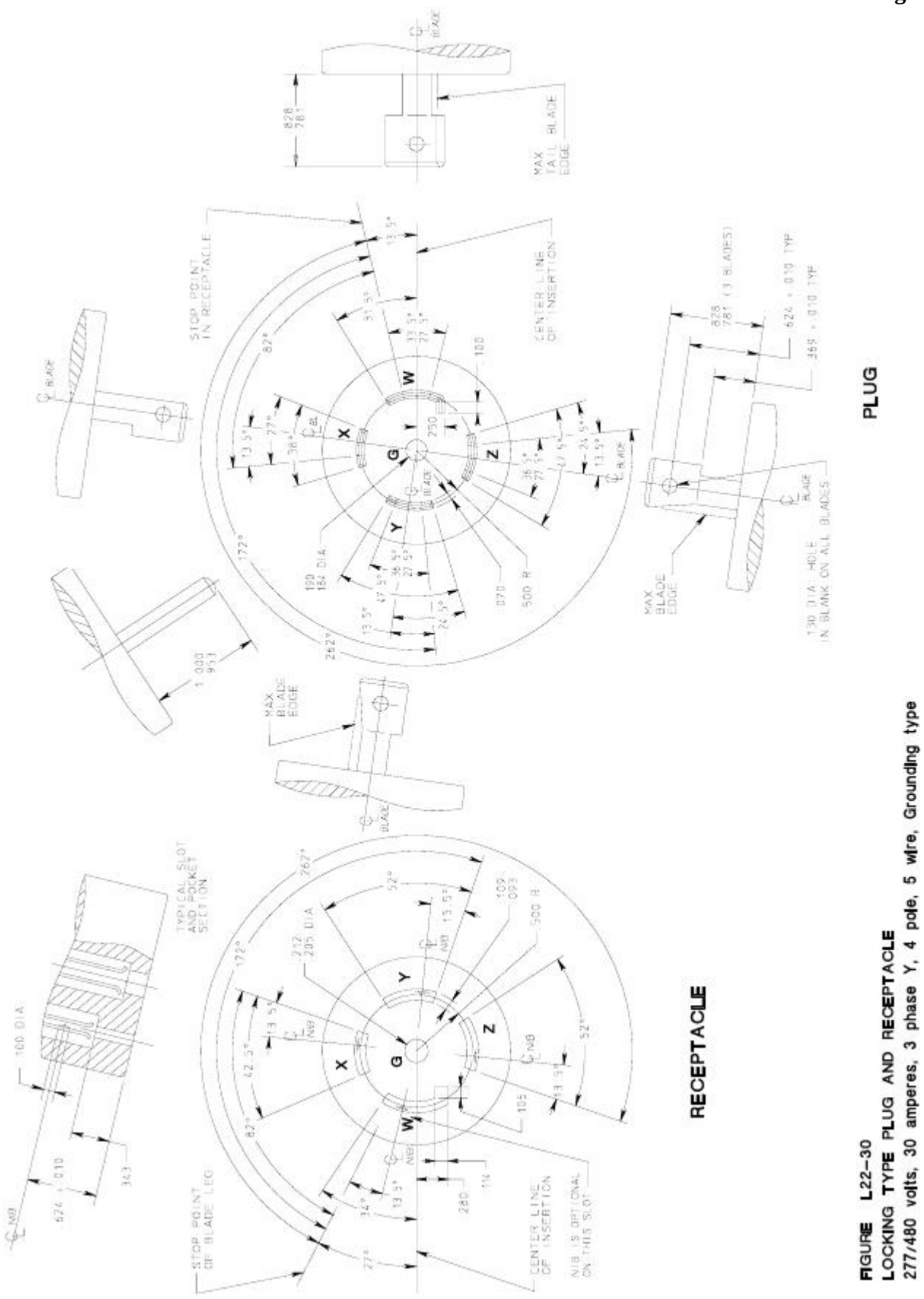


FIGURE L22-30
LOCKING TYPE PLUG AND RECEPTACLE
277/480 volts, 30 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

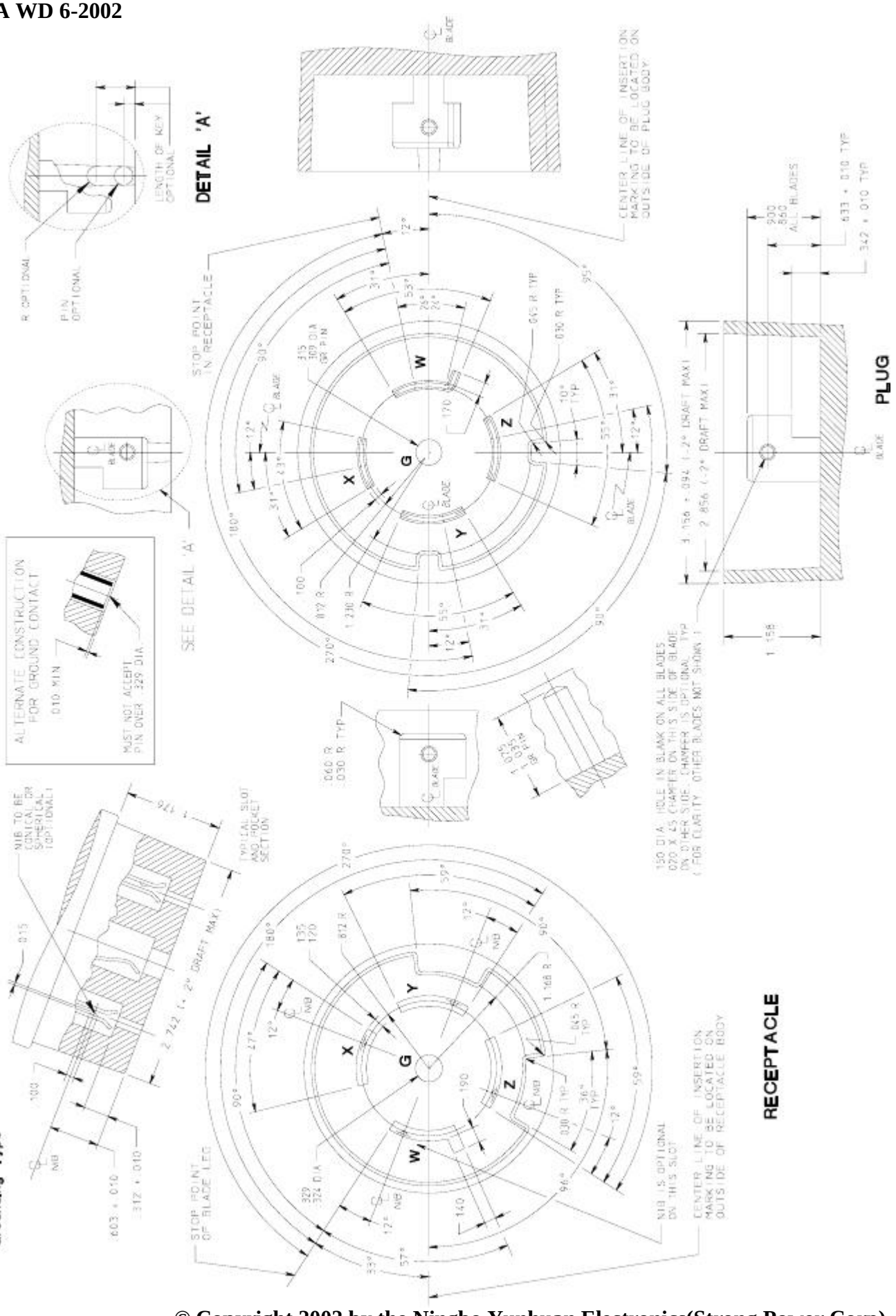


FIGURE L22–50
LOCKING TYPE PLUG AND RECEPTACLE
480 / 277 volts, 50 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding Type

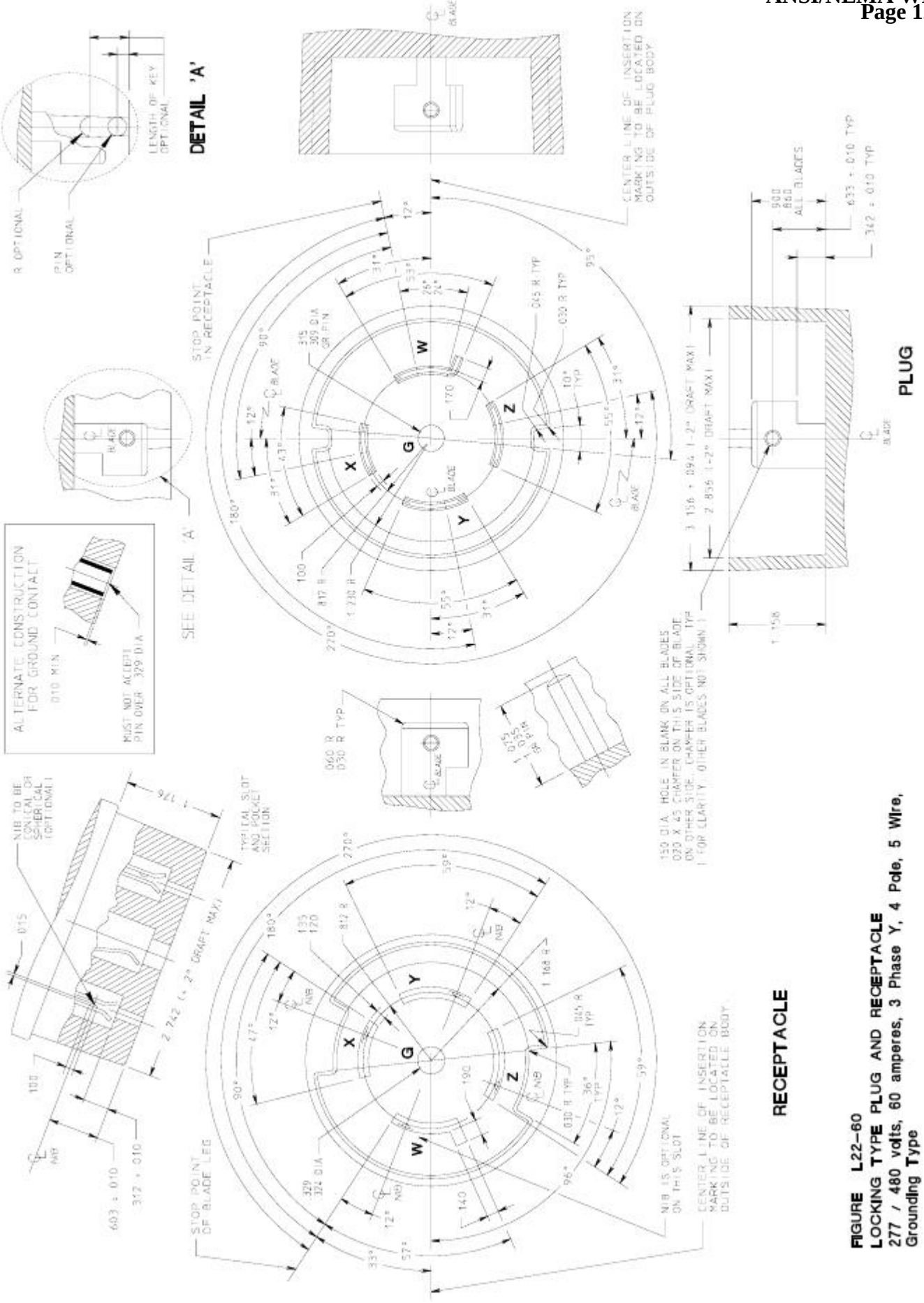


FIGURE L22-60
LOCKING TYPE PLUG AND RECEPTACLE
277 / 480 volts, 60 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding Type

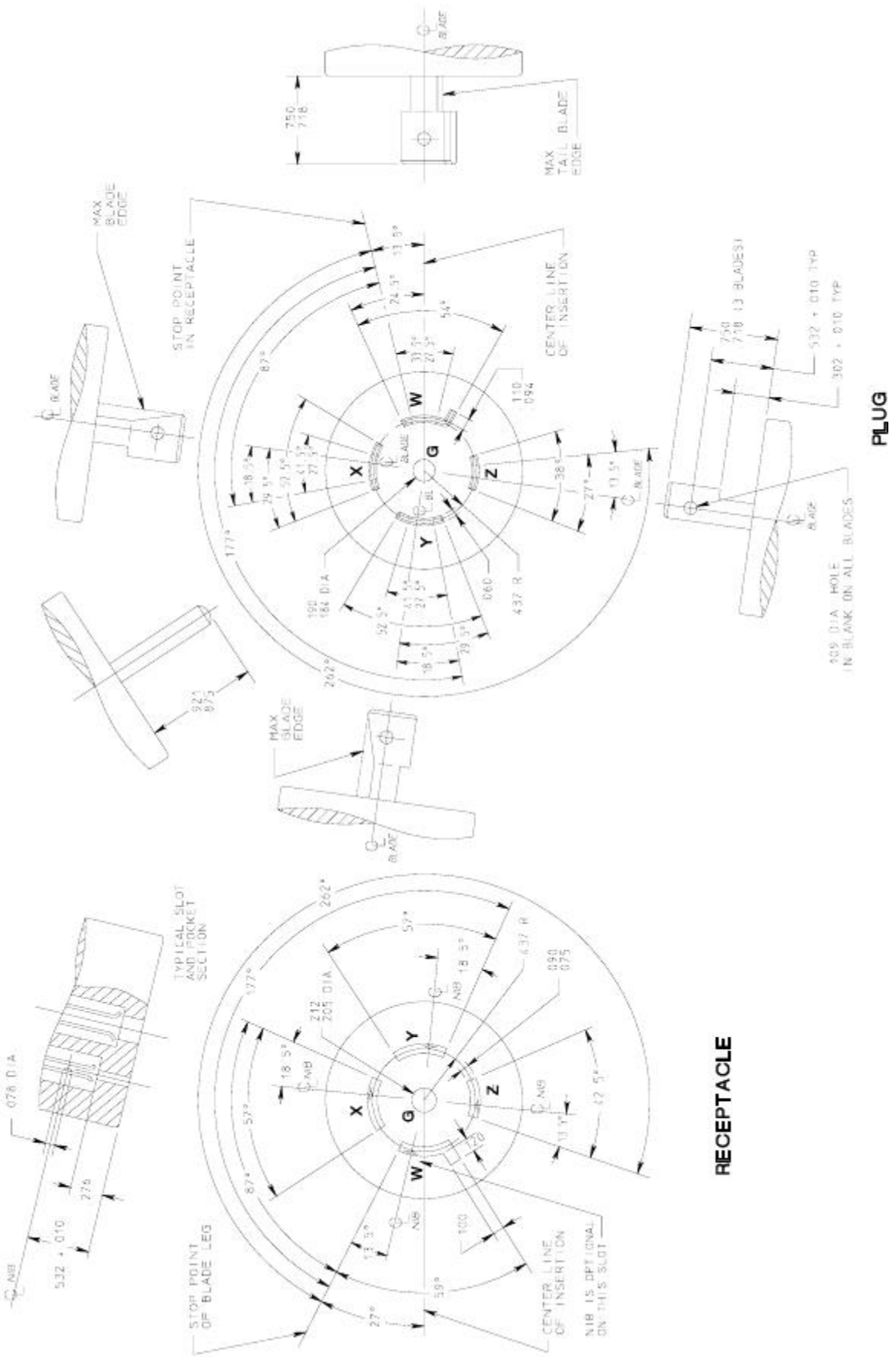


FIGURE L23–20
LOCKING TYPE PLUG AND RECEPTACLE
347/600 volts, 20 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

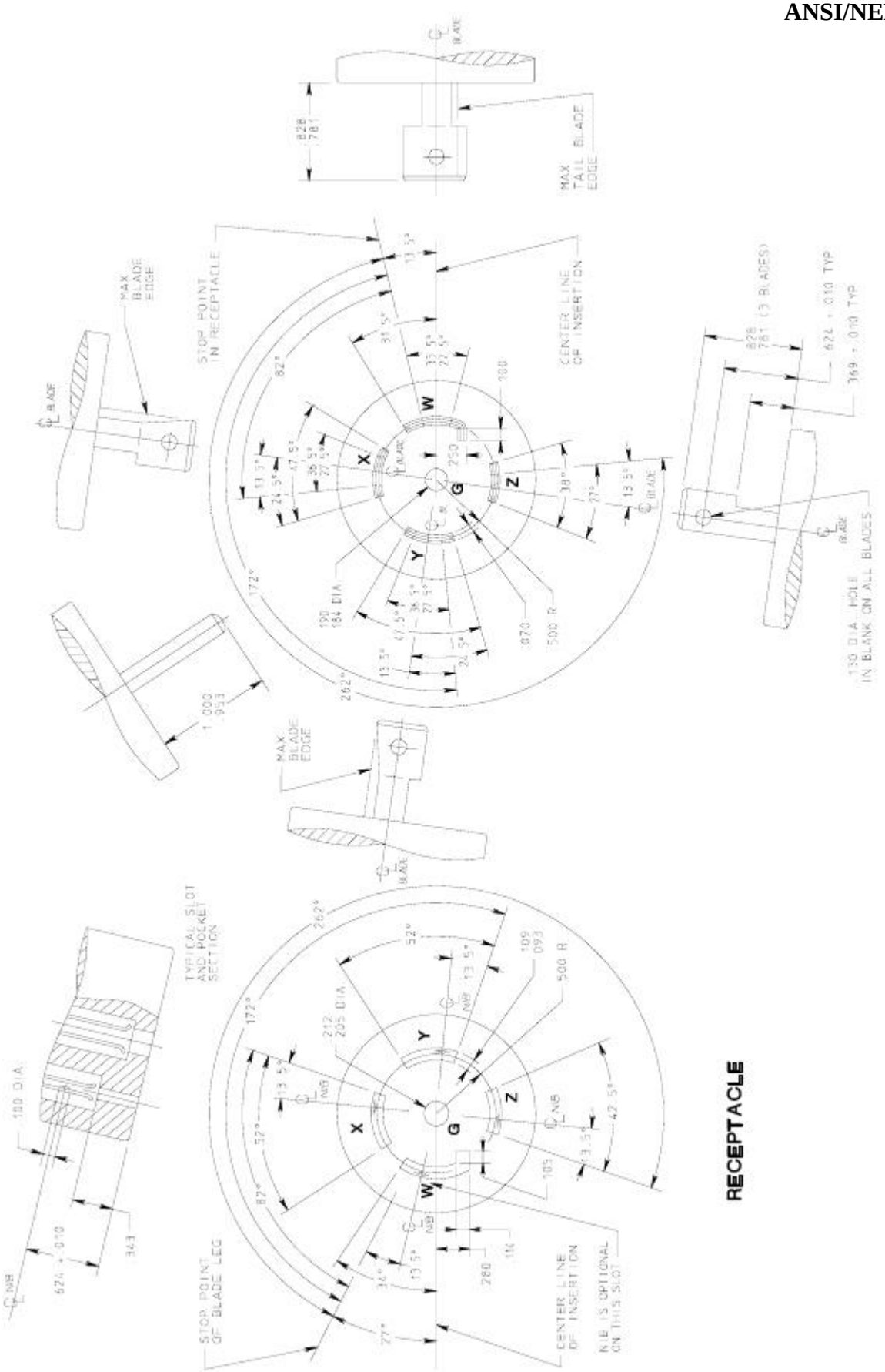


FIGURE L23-30
LOCKING TYPE PLUG AND RECEPTACLE
347/600 volts, 30 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

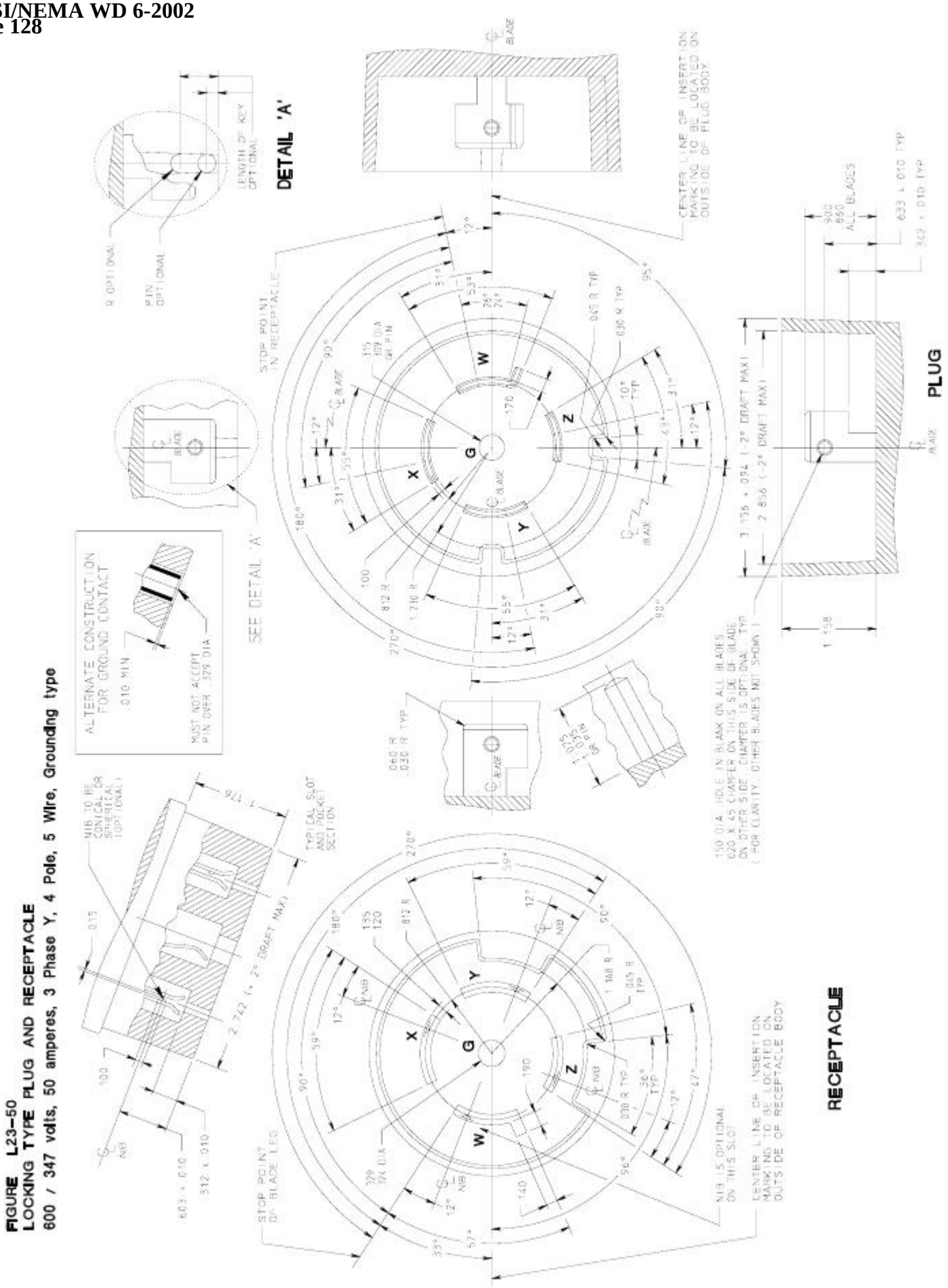


FIGURE L23-50
LOCKING TYPE PLUG AND RECEPTACLE
600 / 347 volts, 50 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding type

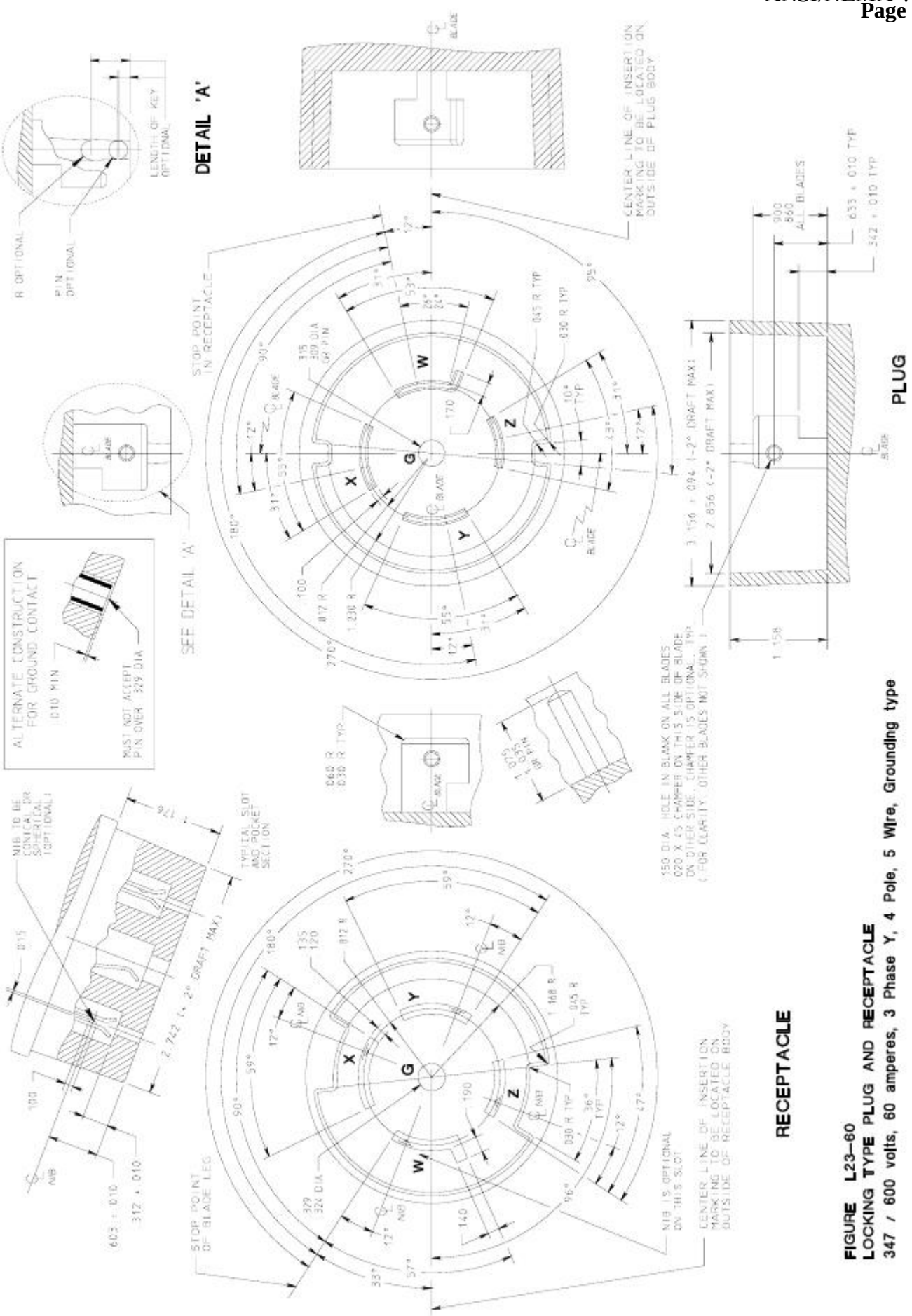


FIGURE L23–60
LOCKING TYPE PLUG AND RECEPTACLE
347 / 600 volts, 60 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding type

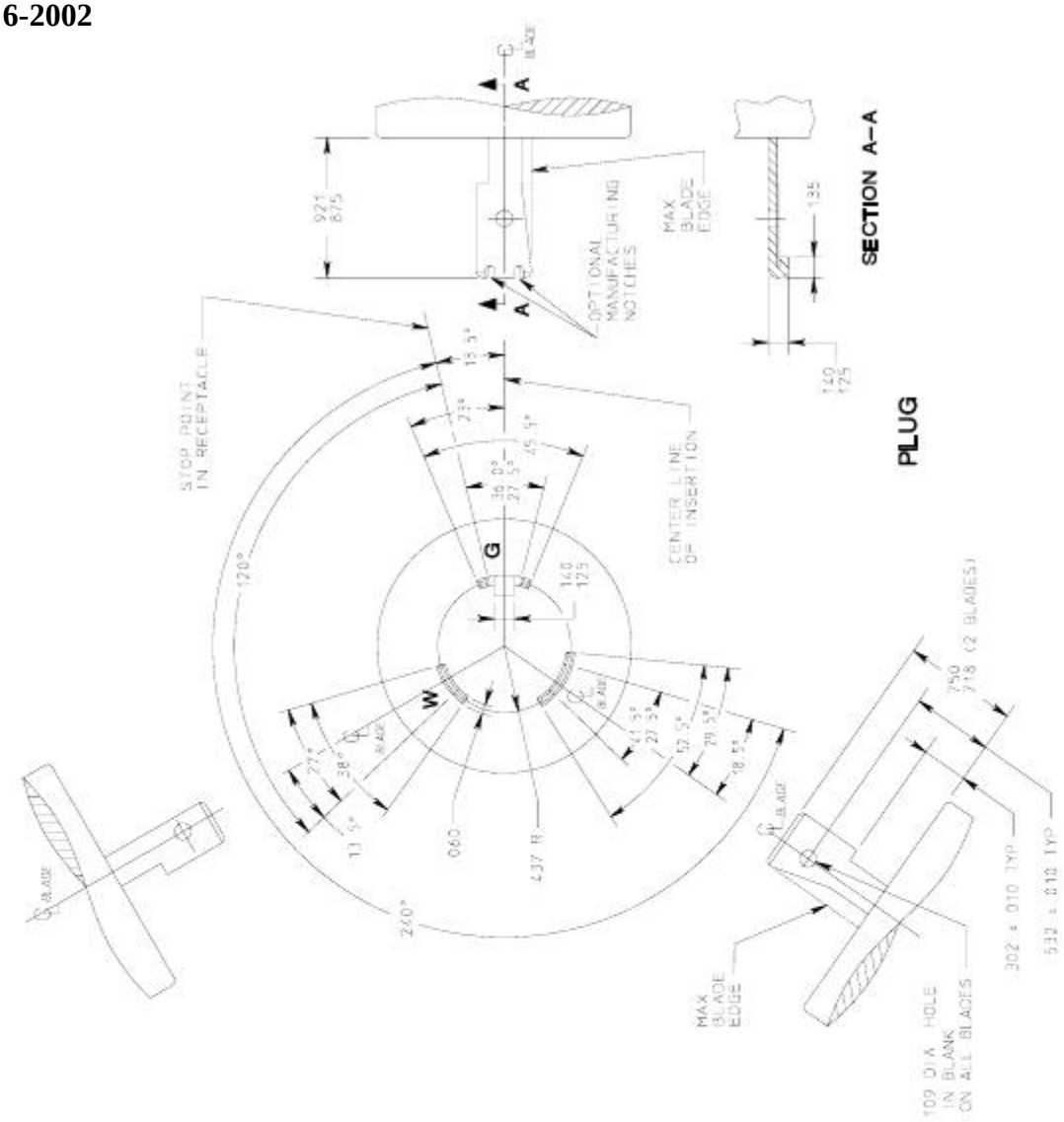


FIGURE L24-20
LOCKING TYPE PLUG AND RECEPTACLE
347 volts, 20 amperes, 2 pole, 3 wire, Grounding type

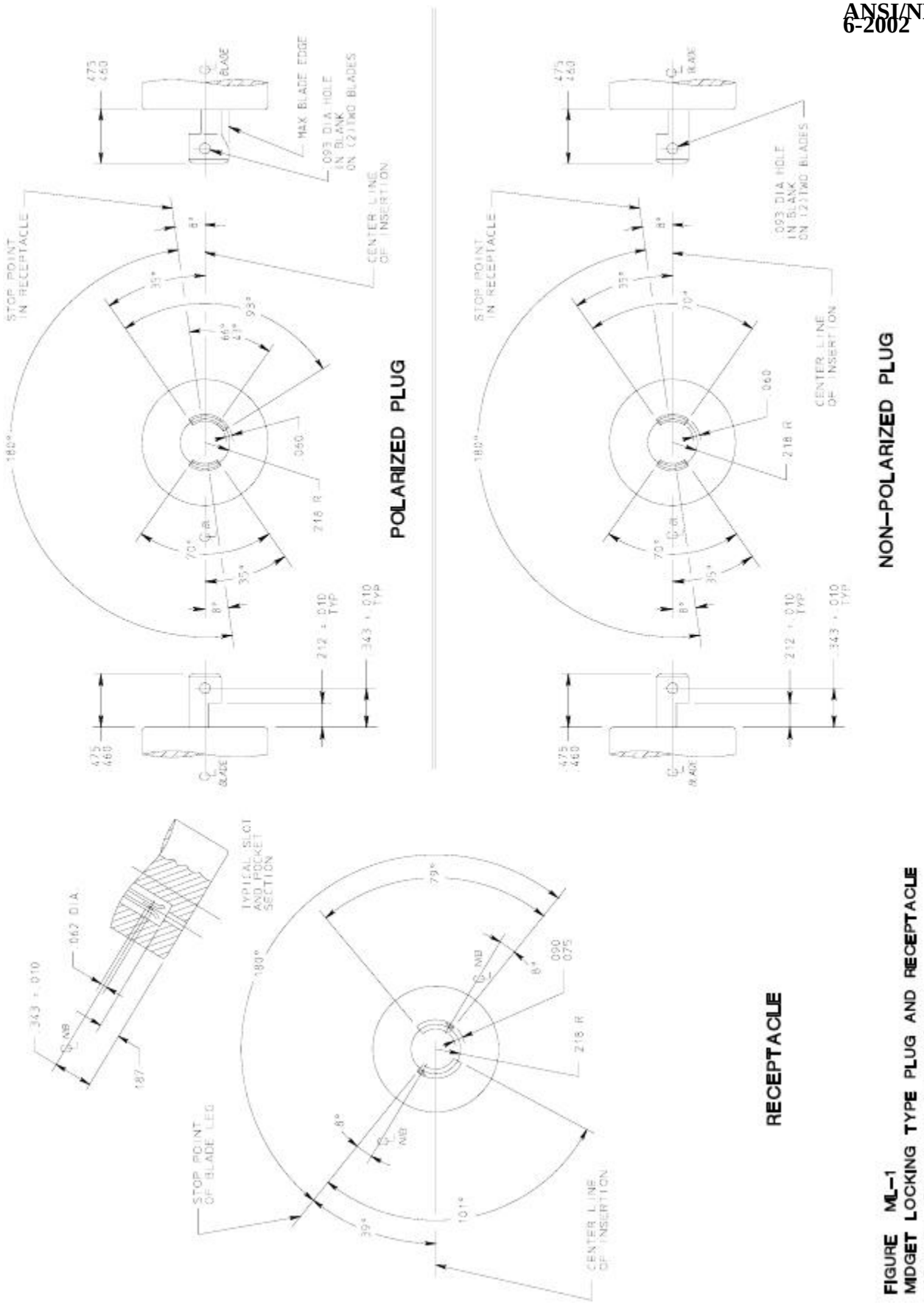


FIGURE ML-1
MIDGET LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 15 amperes, 2 pole, 2 wire

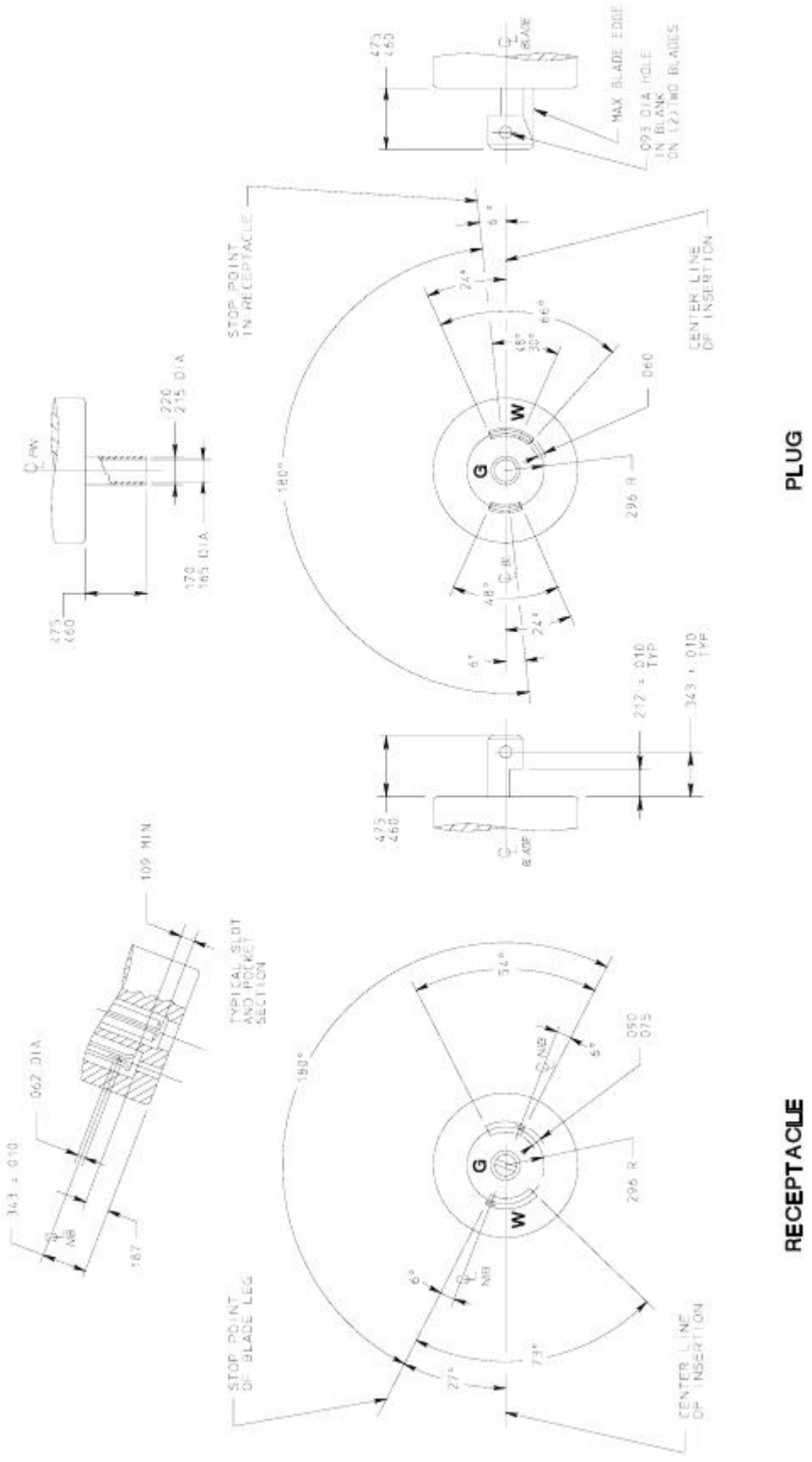


FIGURE ML-2
MIDGET LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 15 amperes, 2 pole, 3 wire, Grounding type

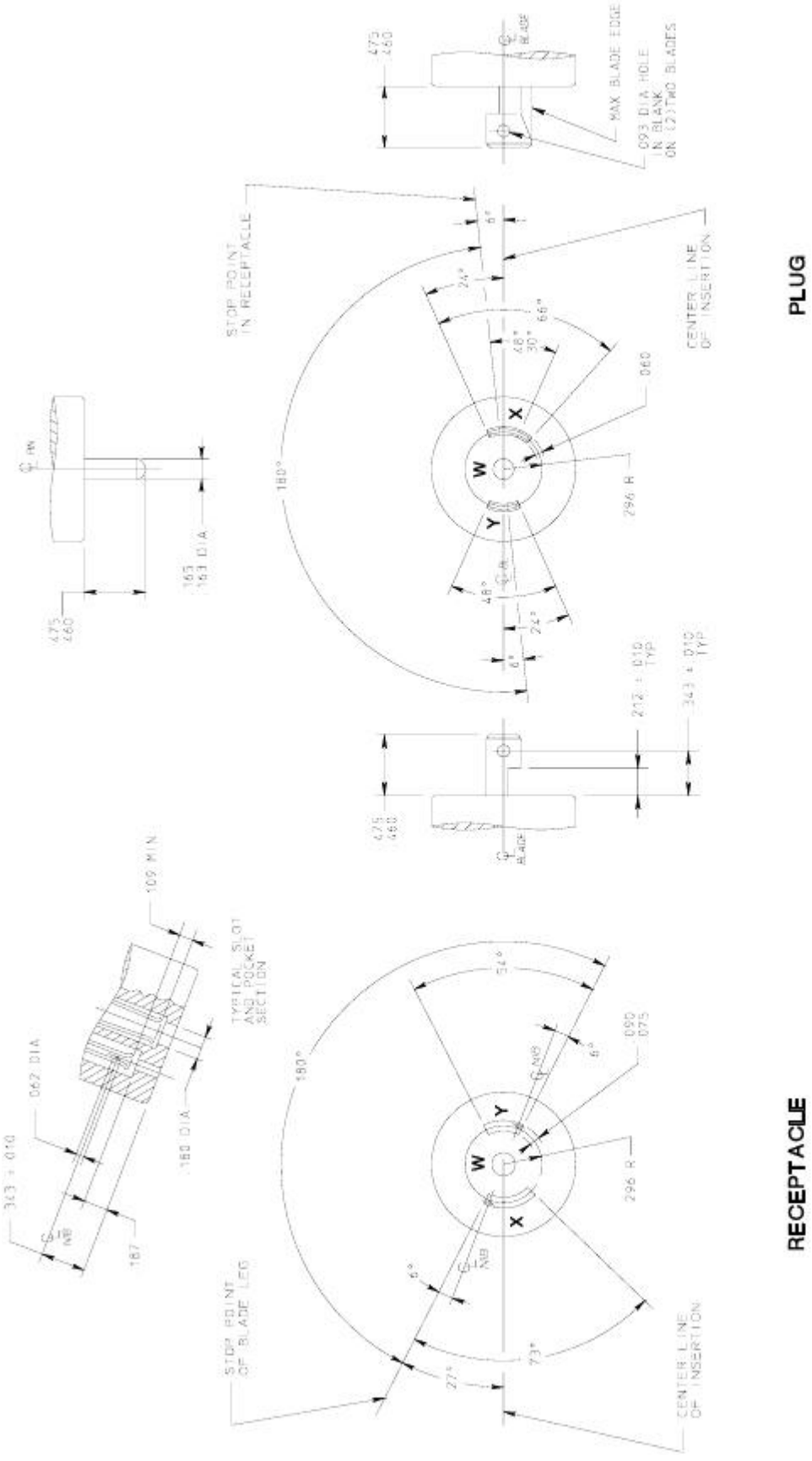


FIGURE ML-3
MIDGET LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 15 amperes, 3 pole, 3 wire

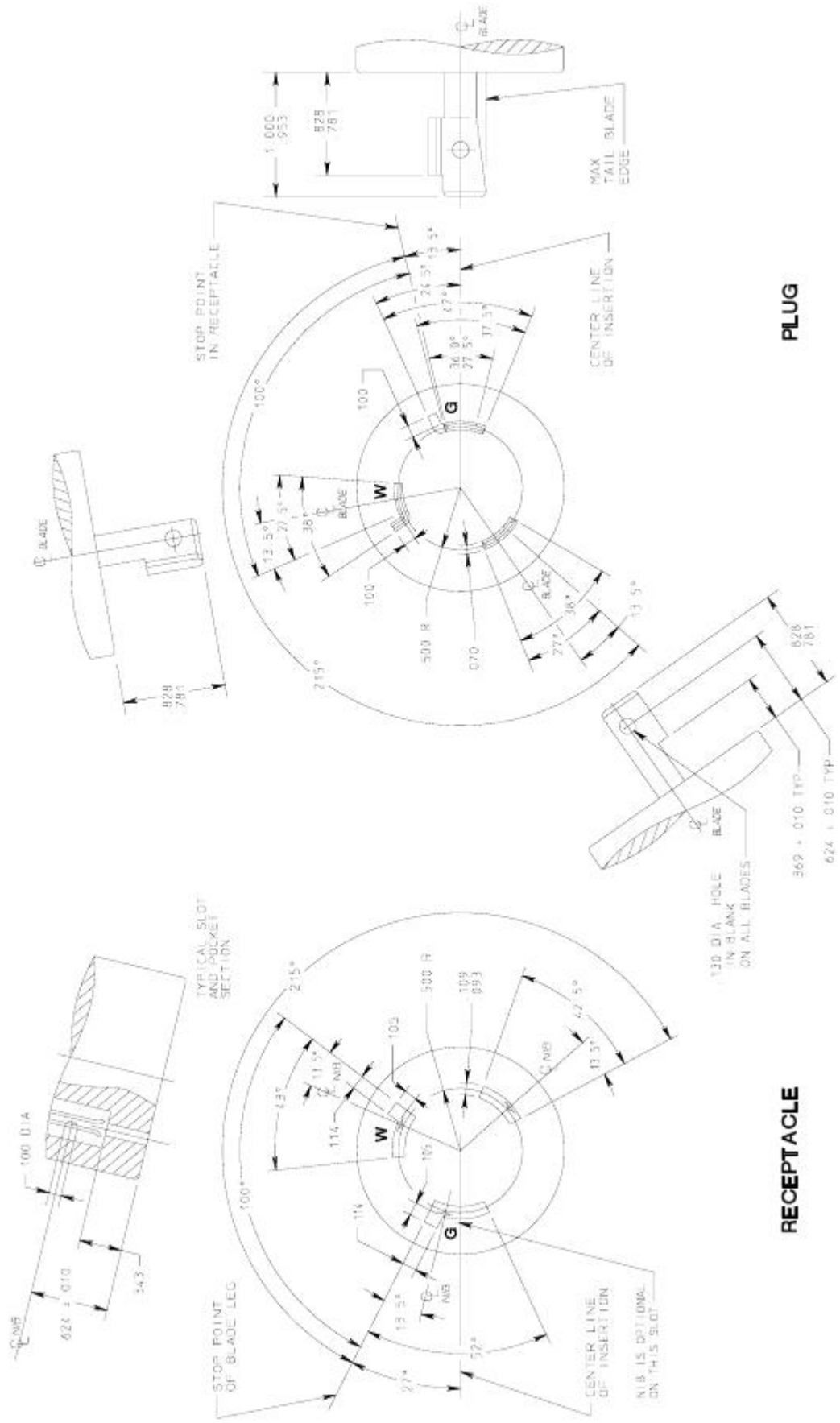


FIGURE FSL 1
LOCKING TYPE PLUG AND RECEPTACLE
28 volts DC, 30 amperes, 2 pole, 3 wire, Grounding type

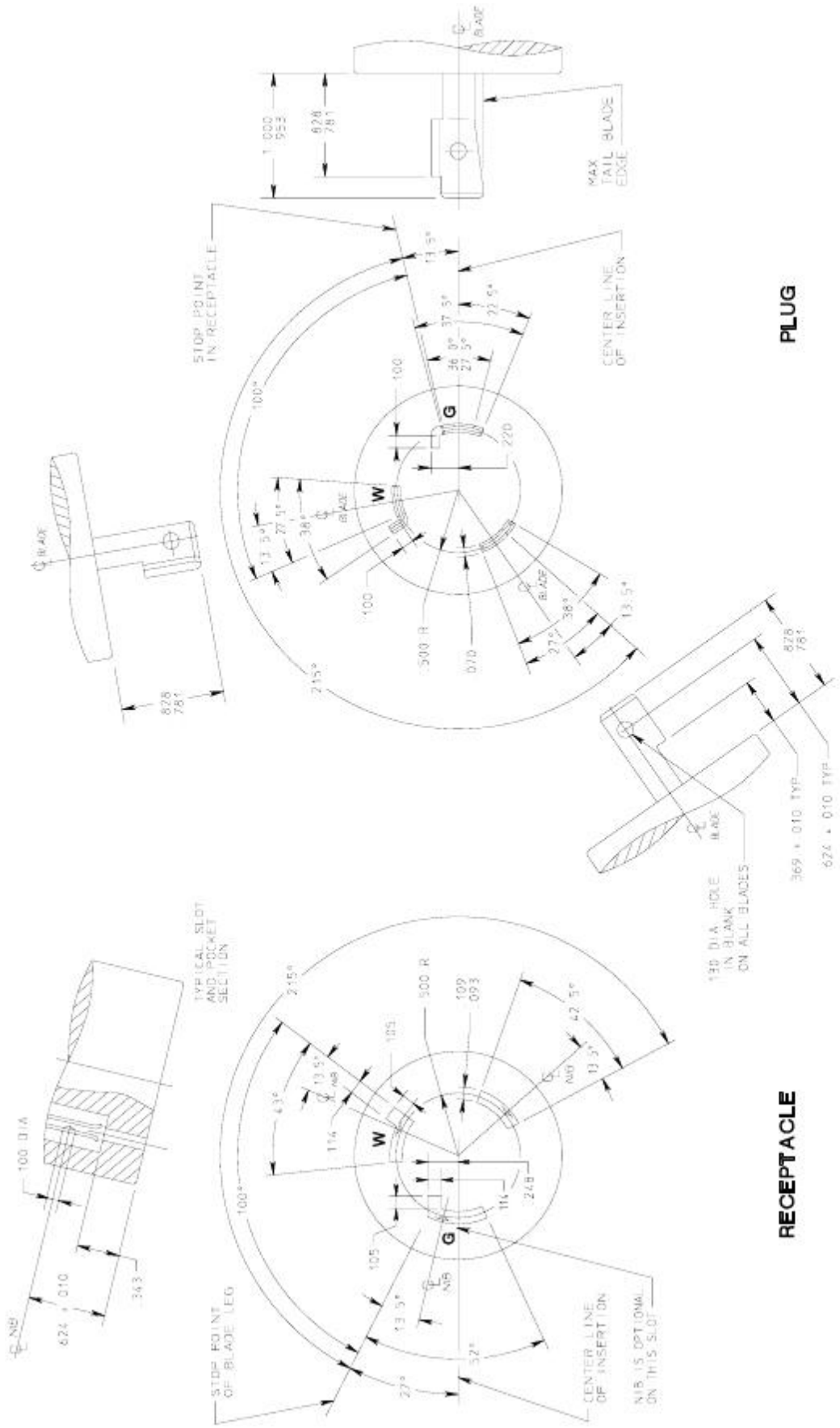


FIGURE FSL 2
LOCKING TYPE PLUG AND RECEPTACLE
120 volts, 30 amperes, 400 Hz, 2 pole, 3 wire, Grounding type

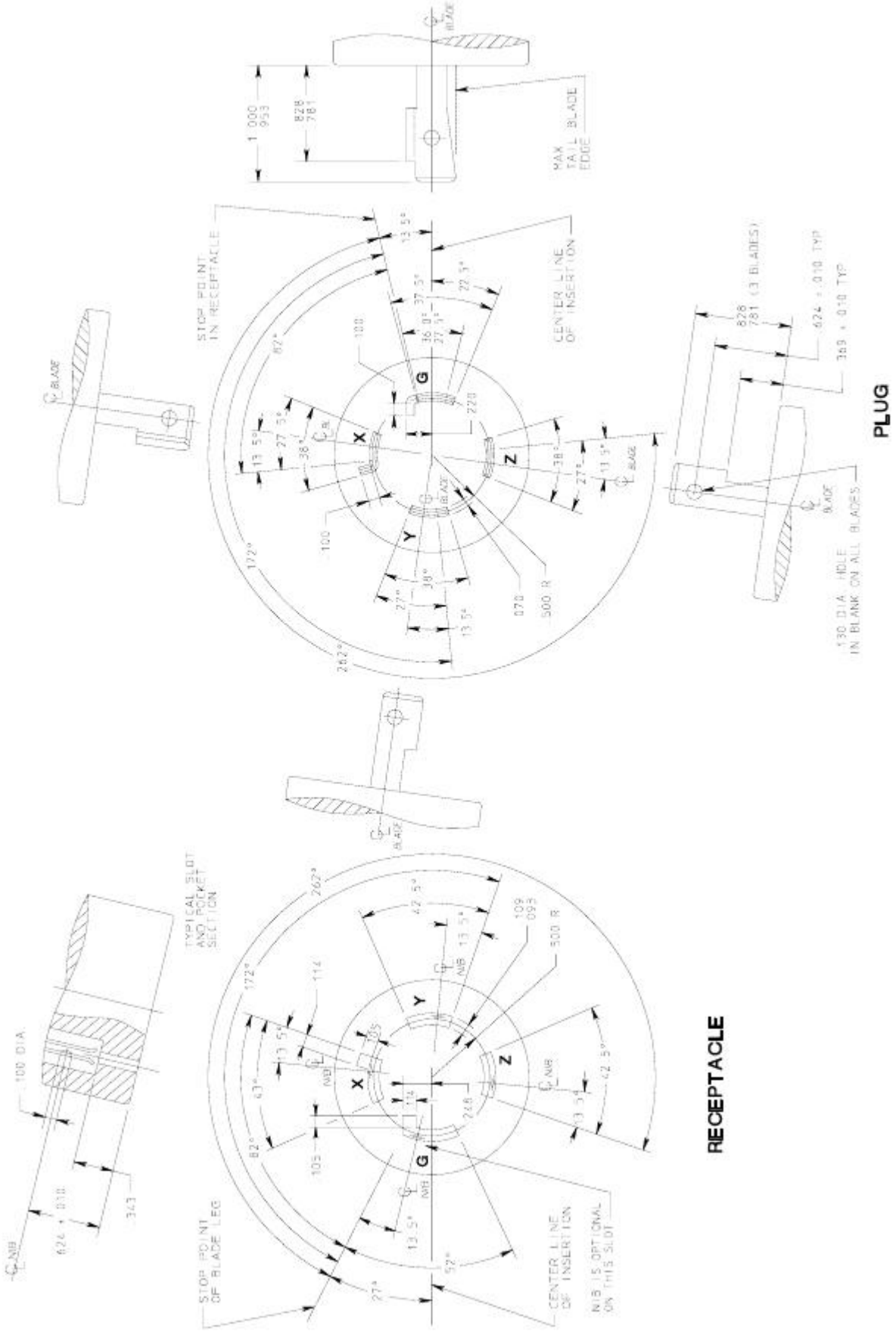


FIGURE FSL 3
LOCKING TYPE PLUG AND RECEPTACLE
120 volts, 30 amperes, 400 HZ, 3 phase, 3 pole, 4 wire, Grounding type

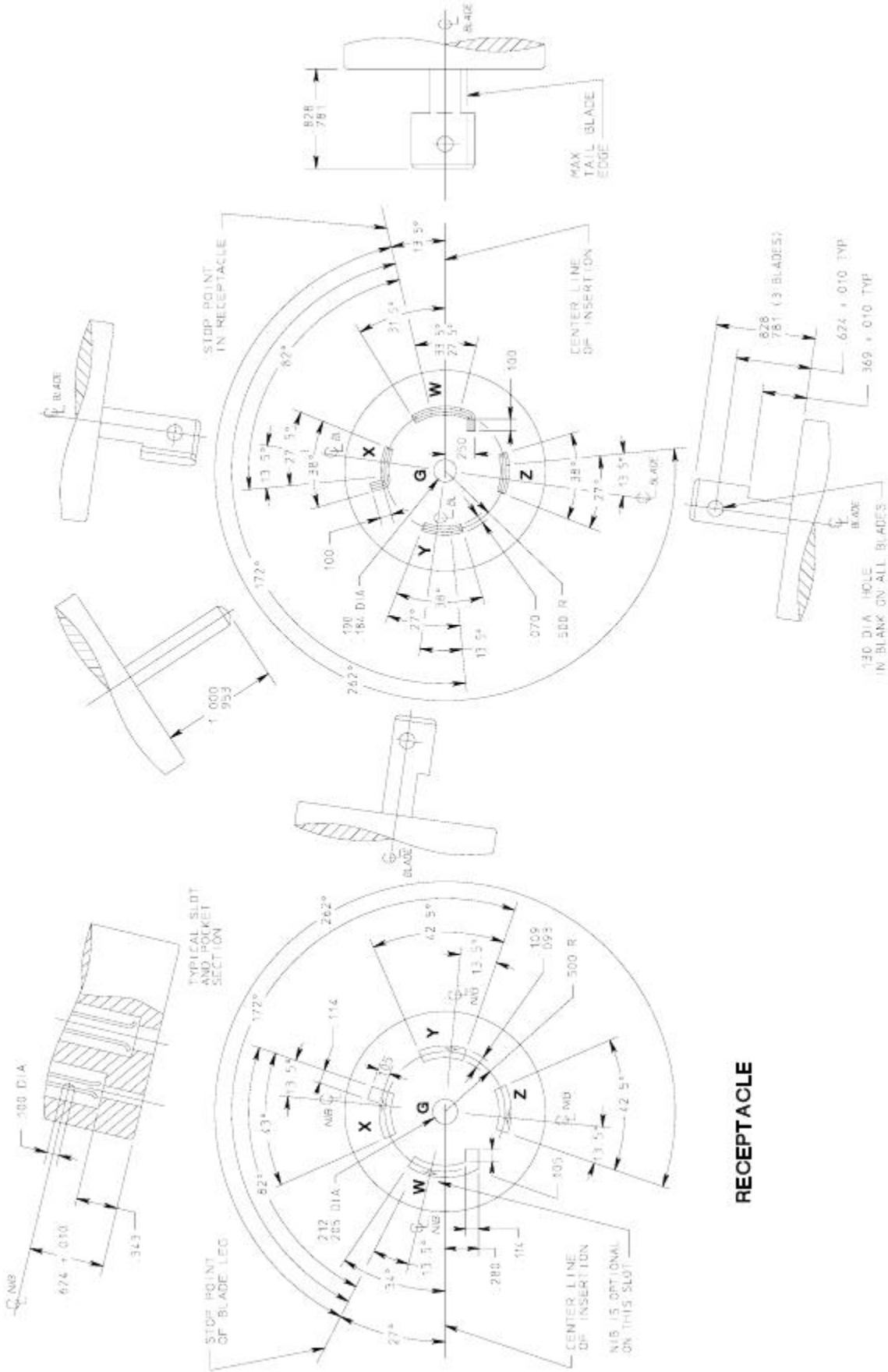


FIGURE FSL 4
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 30 amperes, 3 phase Y, 400 HZ, 4 pole, 5 wire, Grounding type

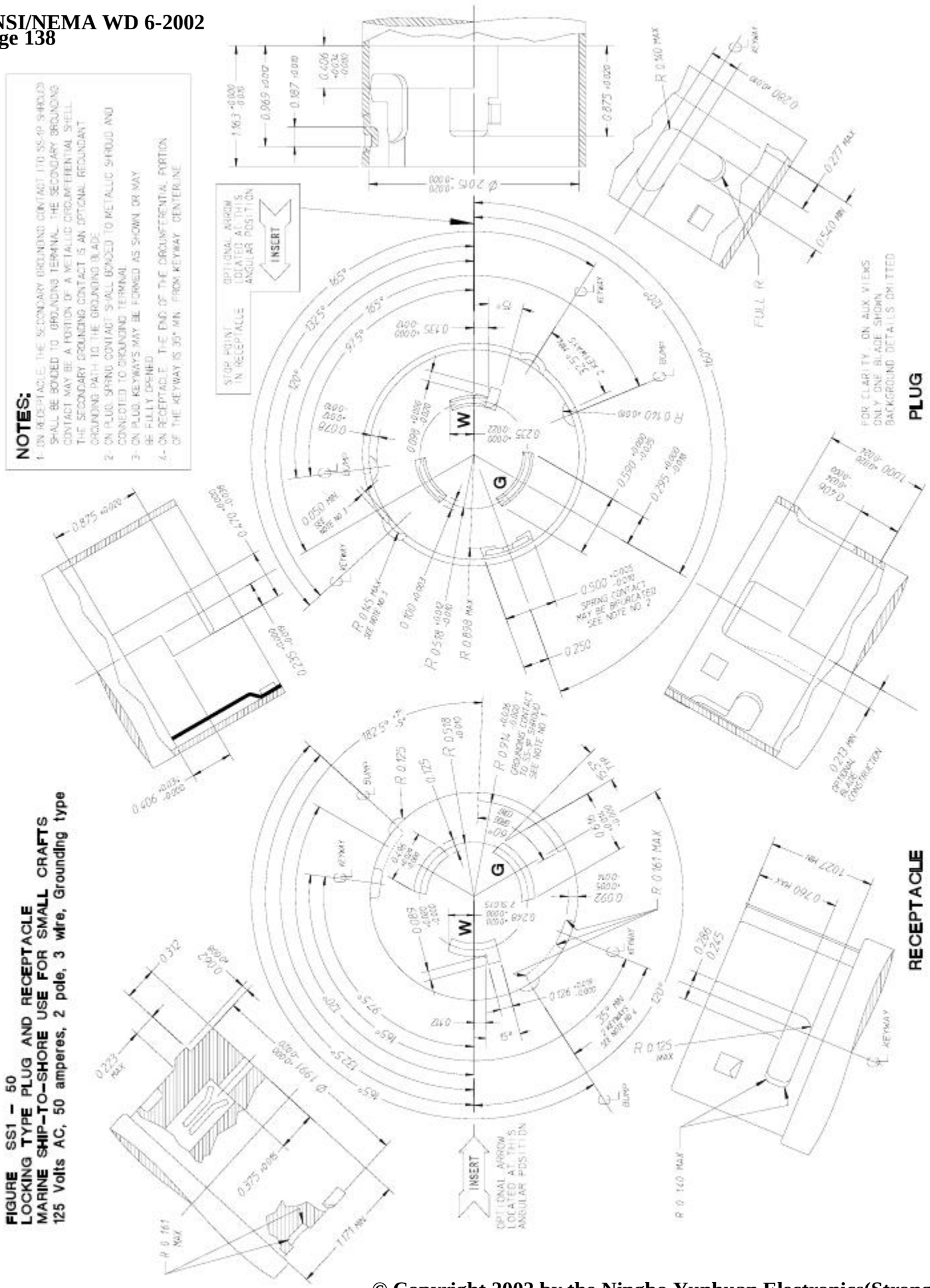


FIGURE SS1 – 50
LOCKING TYPE PLUG AND RECEPTACLE
MARINE SHIP–TO–SHORE USE FOR SMALL CRAFTS
125 Volts AC, 50 amperes, 2 pole, 3 wire, Grounding type

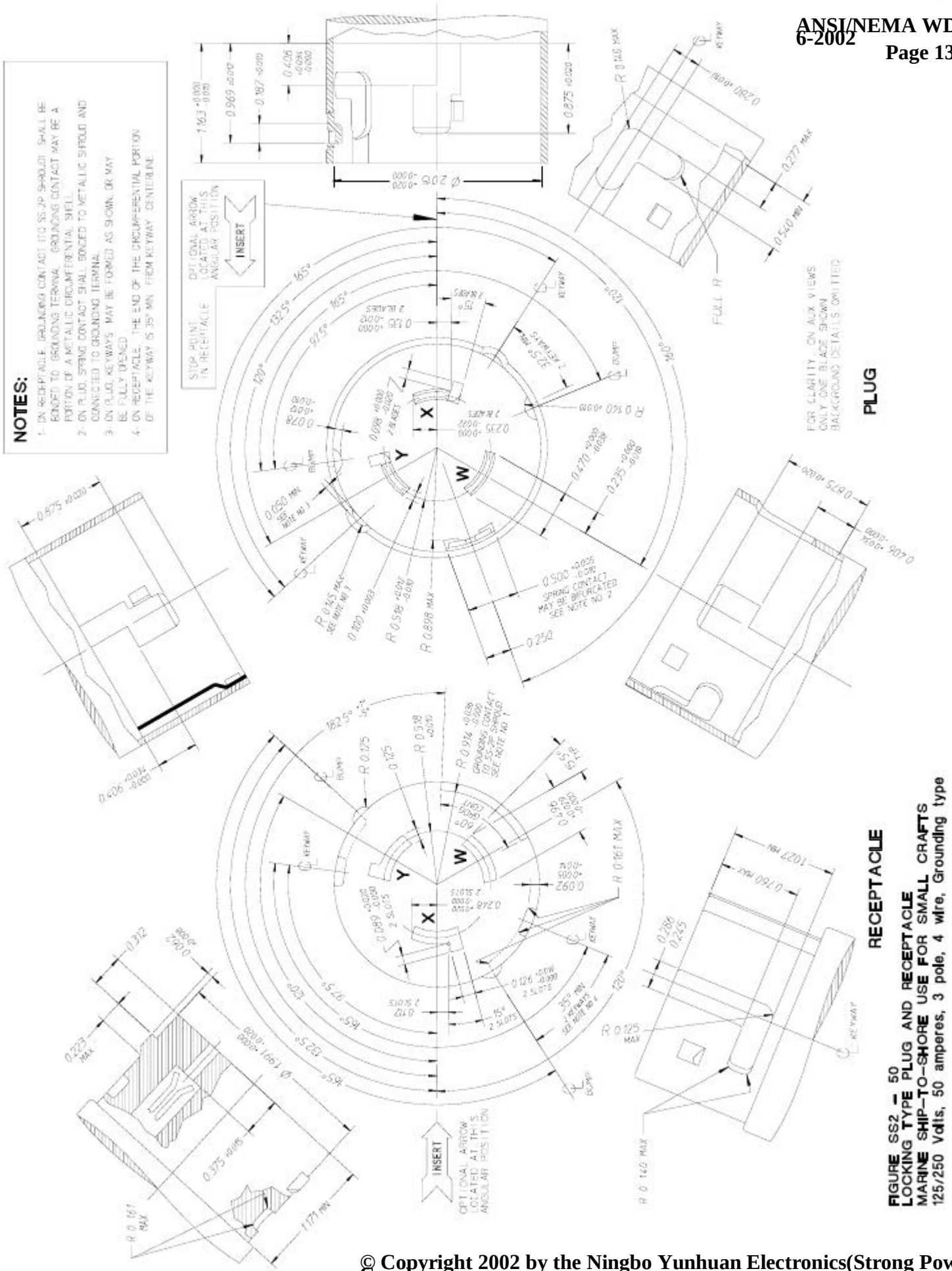


FIGURE SS2 – 50
LOCKING TYPE PLUG AND RECEPTACLE
MARINE SHIP–TO–SHORE USE FOR SMALL CRAFTS
125/250 Volts, 50 amperes, 3 pole, 4 wire, Grounding type

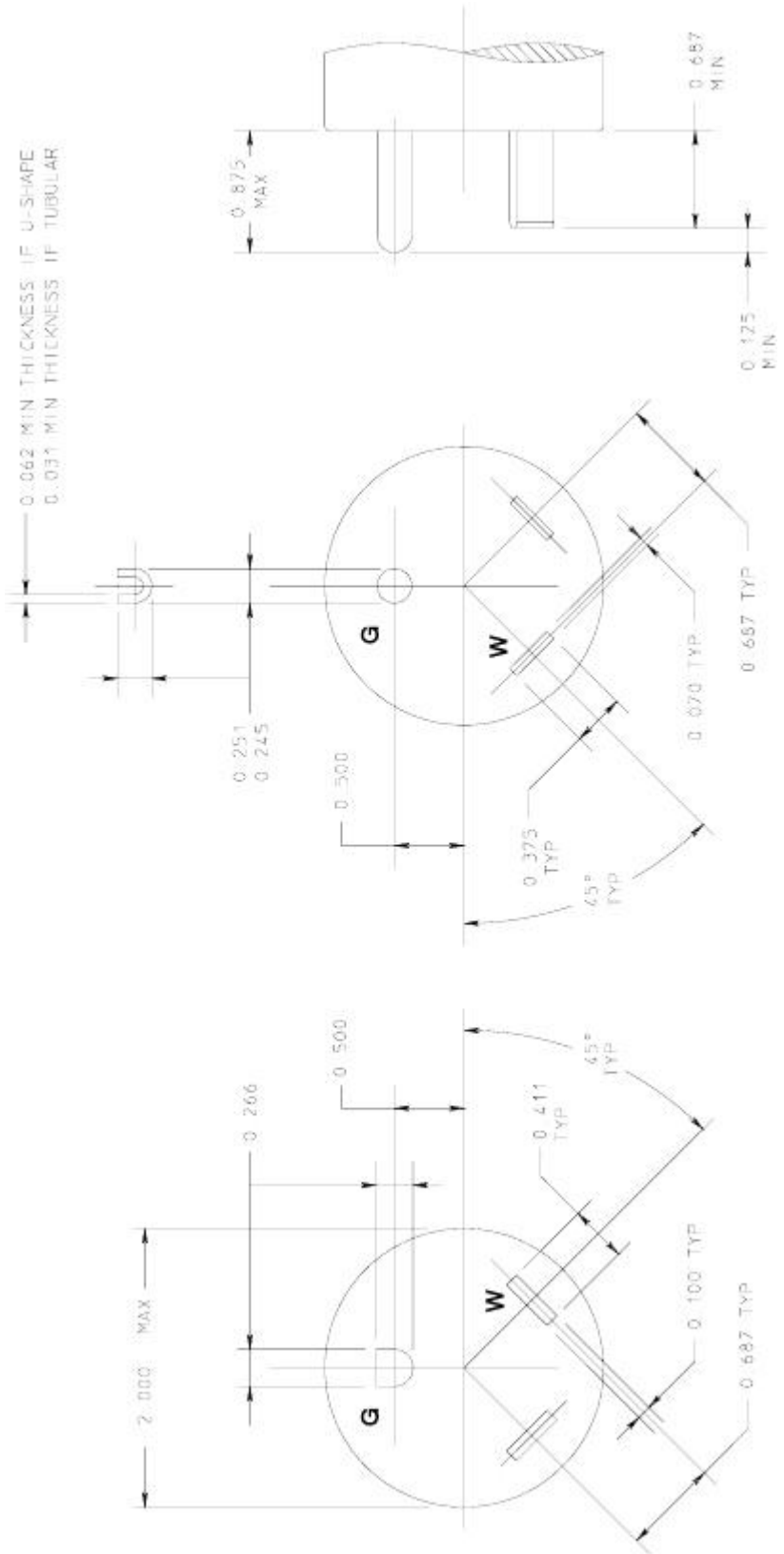


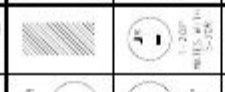
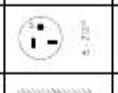
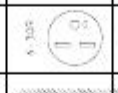
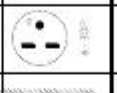
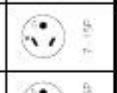
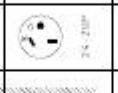
FIGURE TT
TRAVEL TRAILER USE ONLY
120 volts AC, 30 amperes, 2 pole, 3 wire, Grounding type

NEMA CONFIGURATIONS FOR SPECIFIC PURPOSE PLUGS AND RECEPTACLES

	DESCRIPTION	NEMA NUMBER	15 AMPERE		30 AMPERE		50 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
MIDGET LOCKING	125V, 2 POLE, 2 WIRE	ML1						
	125V, 2 POLE, 3 WIRE GROUNDING	ML2						
	125/250V, 3 POLE, 3 WIRE	ML3						
FSL CONFIGURATIONS	28V DC, 2 POLE, 3 WIRE GROUNDING	FSL1						
	120V, 400HZ, 2 POLE, 3 WIRE GROUNDING	FSL2						
	120V, 400 HZ, 3-PHASE 3 POLE, 4 WIRE GROUNDING	FSL3						
	120/208V, 3 ∅ Y, 400 HZ 4 POLE, 5 WIRE GROUNDING	FSL4						
MARINE SHIP-TO-SHORE	125V, 2 POLE, 3 WIRE GROUNDING	SS1						
	125/250V, 3 POLE, 4 WIRE GROUNDING	SS2						
TRAVEL TRAILER	120V AC, 2 POLE, 3 WIRE GROUNDING	TT						

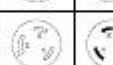
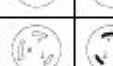
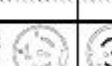
NOTE: BLANK SPACES RESERVED FOR FUTURE CONFIGURATIONS

NEMA CONFIGURATIONS FOR STRAIGHT BLADE PLUGS AND RECEPTACLES

DESCRIPTION		NEMA NUMBER	15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	1										
	250V	2										
	277V AC	3										
	600V	4										
2-POLE 3-WIRE GROUNDING	125V	5										
	125V	5ALT										
	250V	6										
	250V	6ALT										
	277V AC	7										
	347V AC	24										
	480V AC	8										
	600V AC	9										
3-POLE 3-WIRE	125 / 250V	10										
	3 Ø 250V	11										
	3 Ø 480V	12										
	3 Ø 600V	13										
3-POLE 4-WIRE GROUNDING	125 / 250V	14										
	3 Ø 250V	15										
	3 Ø 480V	16										
	3 Ø 600V	17										
4-POLE 4-WIRE	3 Ø Y 120 / 208V	18										
	3 Ø Y 277 / 480V	19										
	3 Ø Y 347 / 600V	20										
4-POLE 5-WIRE GROUNDING	3 Ø Y 120 / 208V	21										
	3 Ø Y 277 / 480V	22										
	3 Ø Y 347 / 600V	23										

NOTE: BLANK SPACES RESERVED FOR FUTURE CONFIGURATIONS

NEMA CONFIGURATIONS FOR LOCKING PLUGS AND RECEPTACLES

	DESCRIPTION	NEMA NUMBER	15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	1										
	250V	2										
	277V AC	3										
	600V	4										
2-POLE 3-WIRE GROUNDING	125V	5										
	250V	6										
	277V AC	7										
	347V AC	24										
	480V AC	8										
	600V AC	9										
3-POLE 3-WIRE	125 / 250V	10										
	3 Ø 250V	11										
	3 Ø 480V	12										
	3 Ø 600V	13										
3-POLE 4-WIRE GROUNDING	125 / 250V	14										
	3 Ø 250V	15										
	3 Ø 480V	16										
	3 Ø 600V	17										
4-POLE 4-WIRE	3 Ø Y 120 / 208V	18										
	3 Ø Y 277 / 480V	19										
	3 Ø Y 347 / 600V	20										
4-POLE 5-WIRE GROUNDING	3 Ø Y 120 / 208V	21										
	3 Ø Y 277 / 480V	22										
	3 Ø Y 347 / 600V	23										

NOTE: BLANK SPACES RESERVED FOR FUTURE CONFIGURATIONS

NEMA CONFIGURATONS FOR 20A / 30A 3, 4, AND 5 WIRE LOCKING PLUGS AND RECEPTACLES

	DESCRIPTION	NEMA NUMBER	20 AMPERE		30 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 3-WIRE GROUNDING	125V	5				
	250V	6				
	277V AC	7				
	347V AC	24				
	480V AC	8				
	600V AC	9				
3-POLE 3-WIRE	125 / 250V	10				
	3 Ø 250V	11				
	3 Ø 480V	12				
	3 Ø 600V	13				
3-POLE 4-WIRE GROUNDING	125 / 250V	14				
	3 Ø 250V	15				
	3 Ø 480V	16				
	3 Ø 600V	17				
4-POLE 4-WIRE	3 Ø Y 120 / 208V	18				
	3 Ø Y 277 / 480V	19				
	3 Ø Y 347 / 600V	20				
4-POLE 5-WIRE GROUNDING	3 Ø Y 120 / 208V	21				
	3 Ø Y 277 / 480V	22				
	3 Ø Y 347 / 600V	23				

NOTE BLANK SPACES RESERVED FOR FUTURE CONFIGURATIONS