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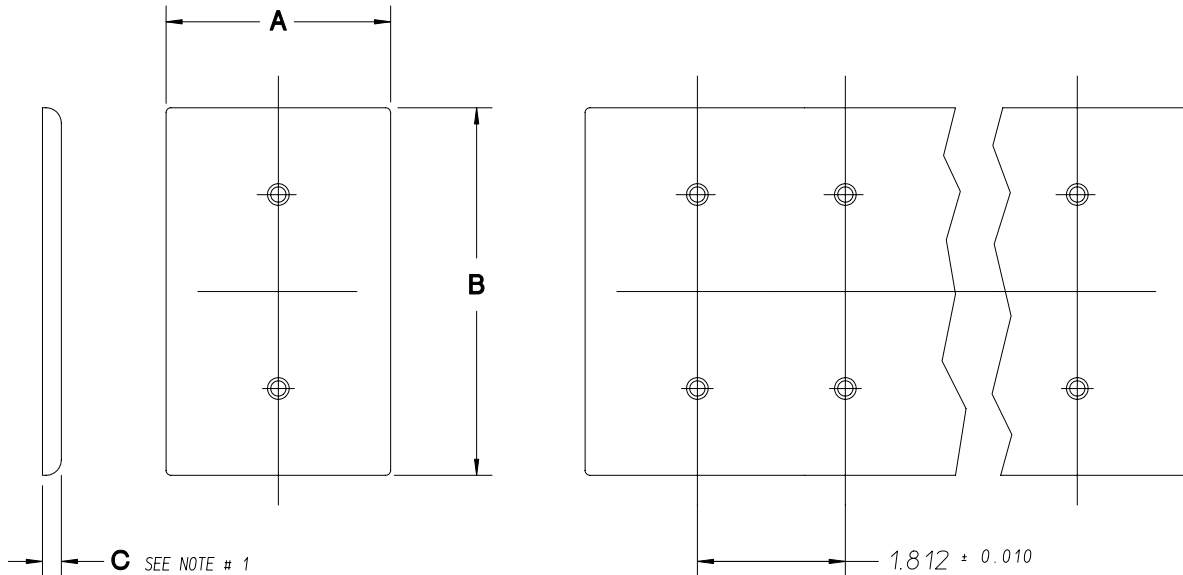
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Introduction

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**

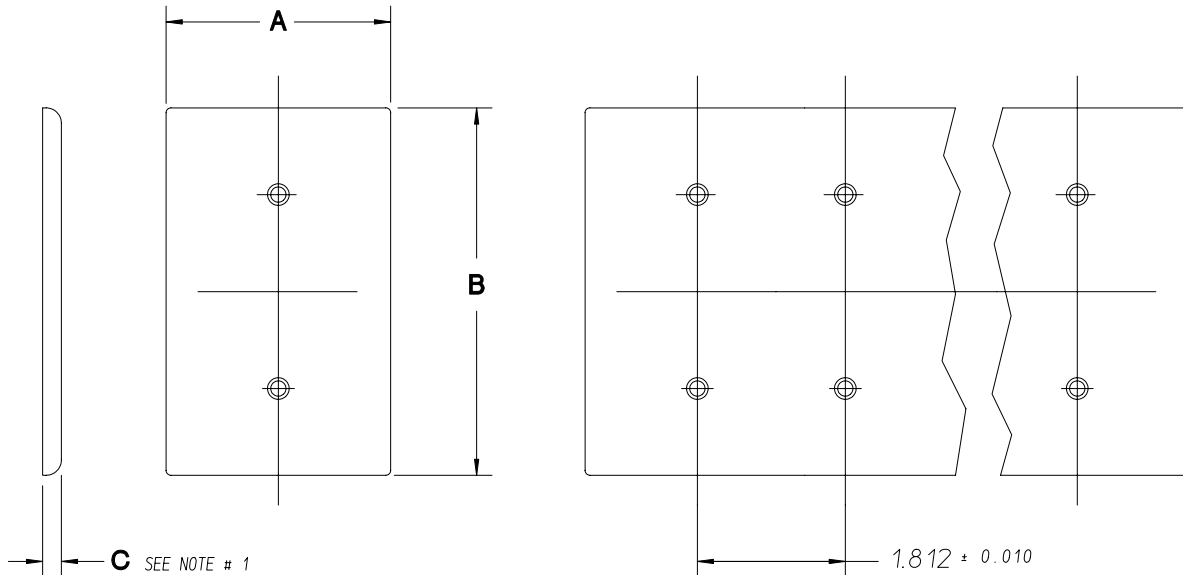
**MULTIGANG WALLPLATE HORIZONTAL HOLE SPACING.
FOR VERTICAL HOLE SPACING SEE PAGE 3.**

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

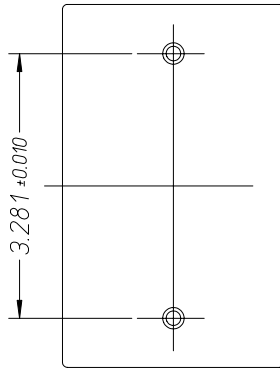


REFERENCE	MATERIAL	STANDARD DIMENSIONS	
		MIN	MAX
A	ALL	3.120	—
B	ALL	4.870	—

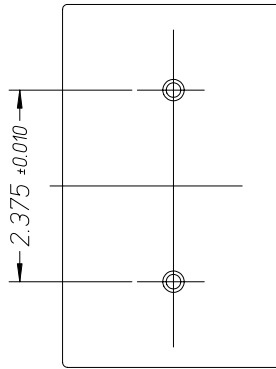
NOTES:

- 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.

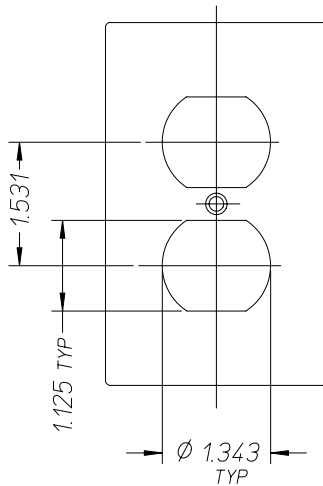
MOUNTING AND CUT-OUT DIMENSIONS



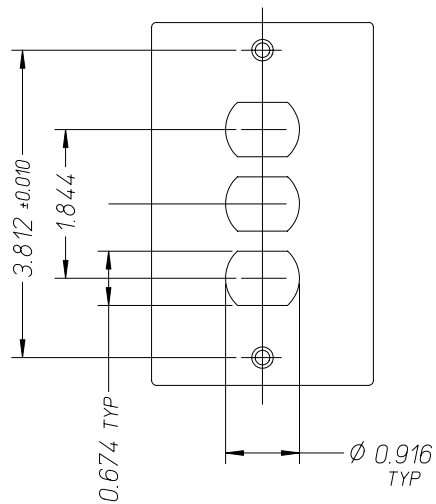
BOX MOUNT BLANK PLATE
(SEE NOTE # 3)



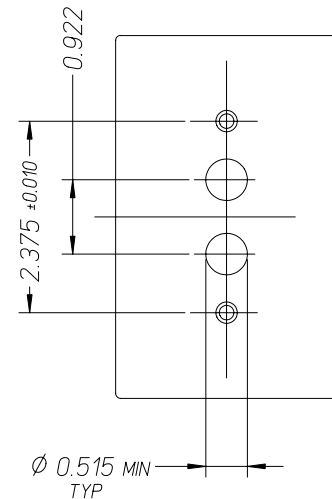
YOKE MOUNT BLANK PLATE
(SEE NOTE # 3)



DUPLEX DEVICE



**INTERCHANGEABLE
DEVICE**

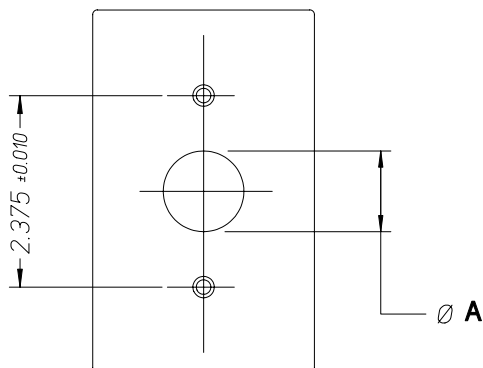


**TWO BUTTON
PUSH SWITCH**

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

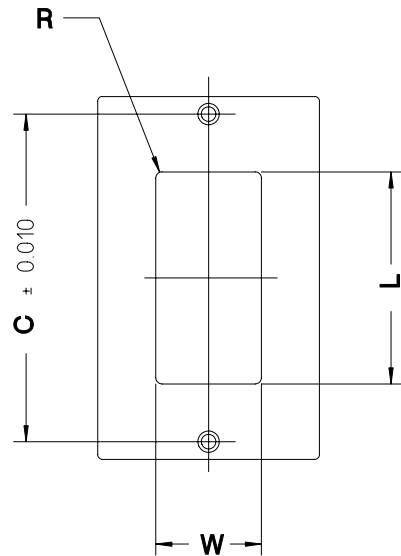


NOMINAL DIAMETER	DEVICE FACE DIAMETER		WALLPLATE OPENING (Ø A)	
	MIN	MAX	MIN	MAX
1	0.968	1.000	1.009	1.025
1 1/8	1.093	1.125	1.134	1.150
1 1/4	1.205	1.235	1.245	1.263
1 3/8	1.360	1.390	1.396	1.414
1 9/16	1.550	1.580	1.586	1.604
1 5/8	1.610	1.640	1.646	1.664
1 11/16	1.675	1.705	1.711	1.729
2 1/8	2.093	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

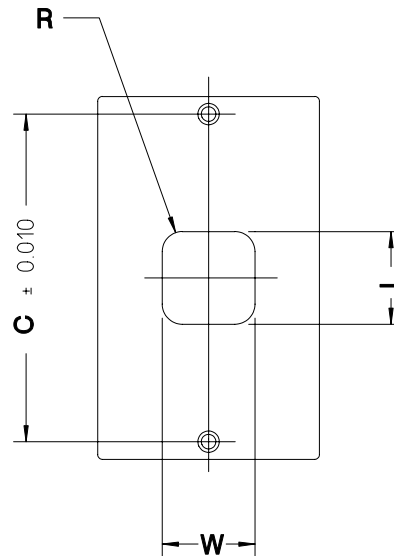


<i>W MIN</i>	<i>L MIN</i>	<i>R</i>	<i>C</i>	<i>APPLICATION</i> (<i>DEVICE FACE</i>)
1.310	2.630	0.079	4.062	1.300 MAX W × 2.620 MAX L (347 V SWITCH)
1.310	2.630	0.094	3.812	1.300 MAX W × 2.620 MAX L

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

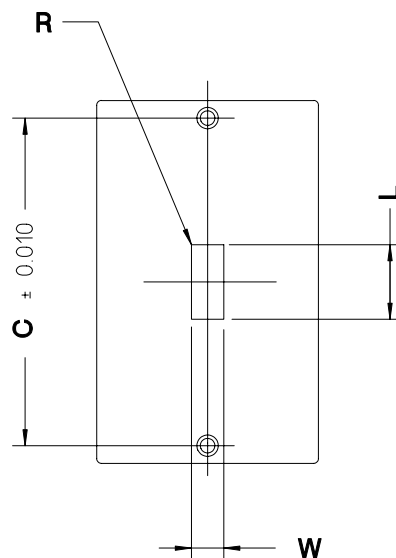


<i>W MIN</i>	<i>L MIN</i>	<i>R</i>	<i>C</i>	<i>APPLICATION</i> (DEVICE FACE)
1.150	1.150	0.250	2.375	1.140 MAX W x 1.140 MAX L

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

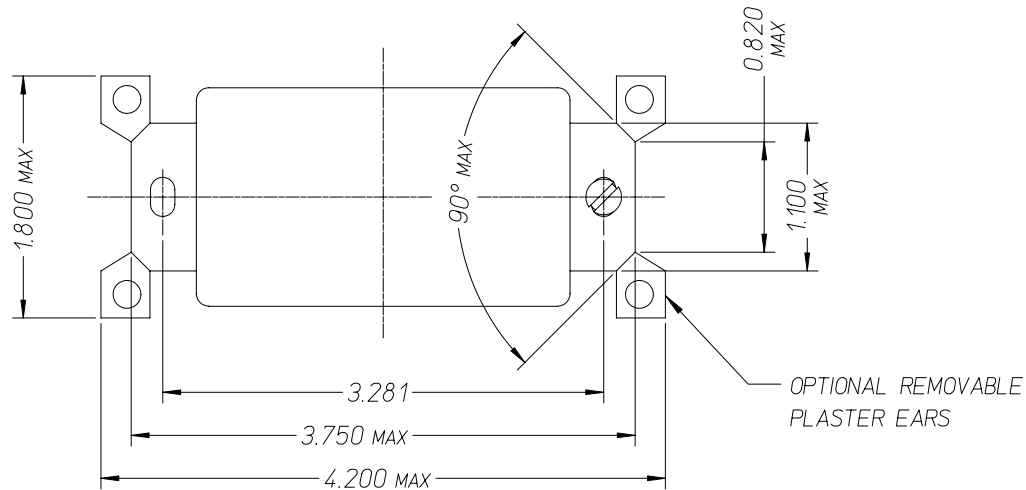


<i>W MIN</i>	<i>L MIN</i>	<i>R</i>	<i>C</i>	<i>APPLICATION</i>
0.401	0.925	0.000	2.375	120 V TO 600 V

NOTES:

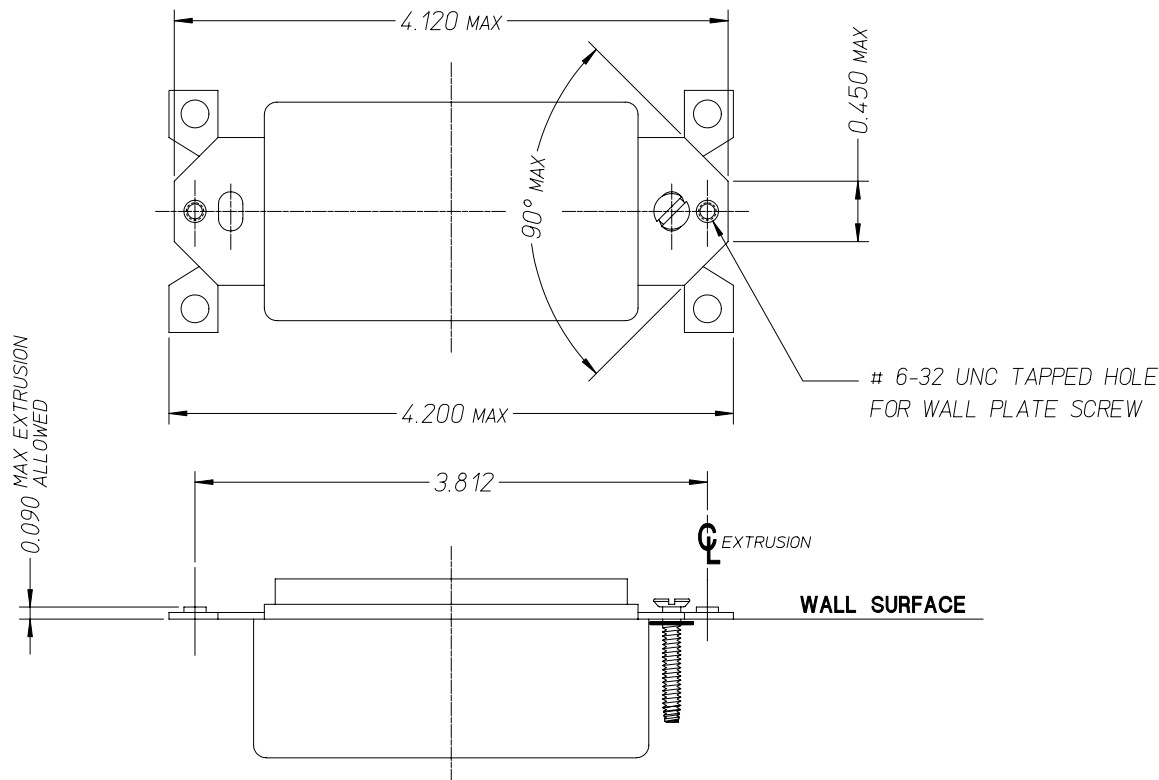
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- 2- RIBS ARE OPTIONAL ON NON-METALLIC PLATES. HEIGHT, WIDTH, AND LOCATION OF RIBS SHALL CLEAR DEVICE FOR WHICH THE PLATE IS DESIGNED OR INTENDED FOR USE.

**YOKE DIMENSIONS OF RECEPTACLES AND SWITCHES
FOR BOX MOUNTING**

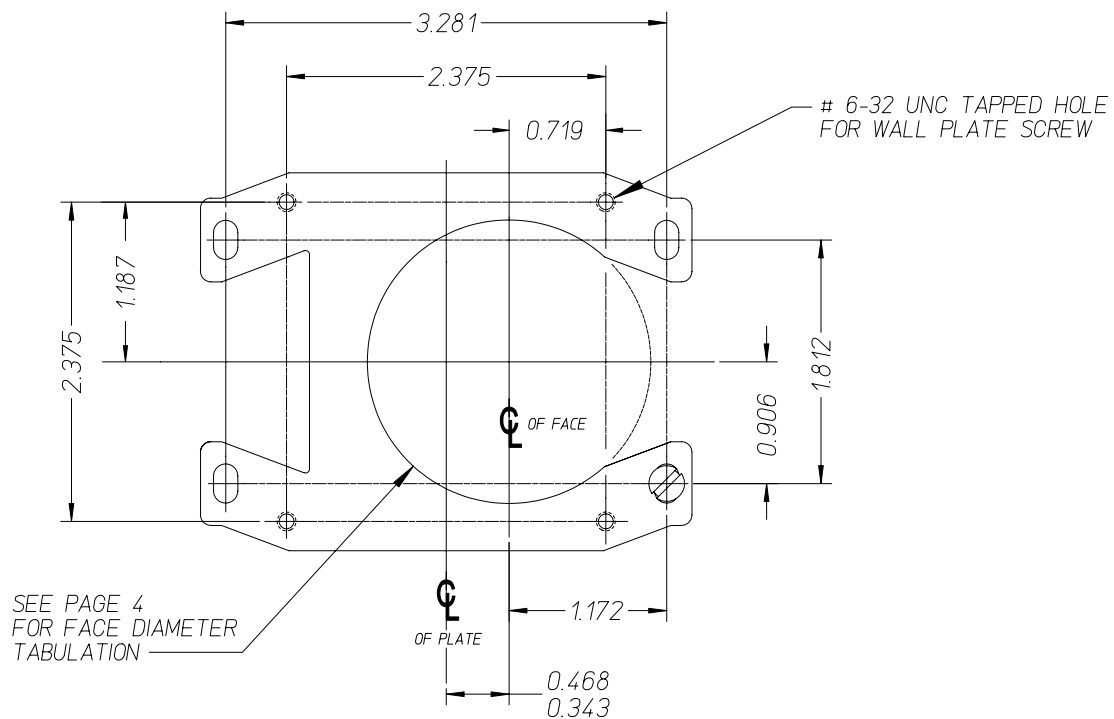


ALTERNATE YOKE CONSTRUCTION

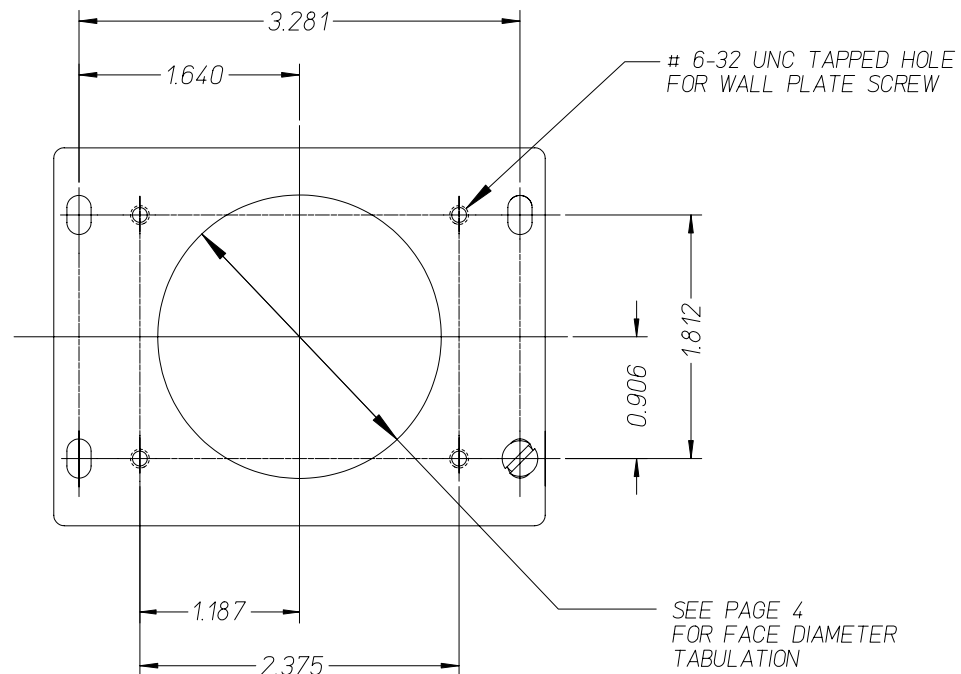
OTHER DIMENSIONS SAME AS ABOVE



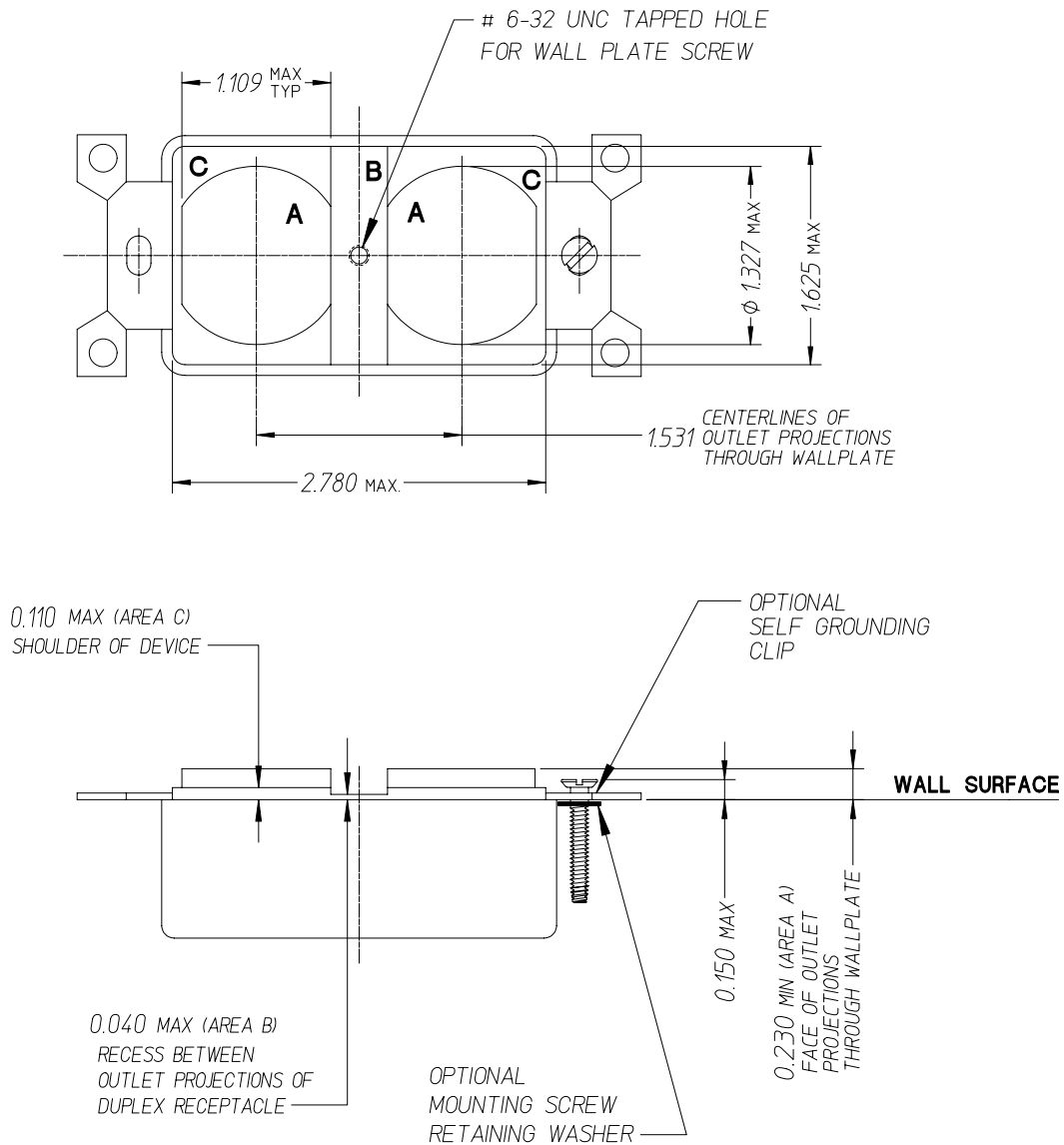
YOKE DIMENSIONS FOR 2 GANG RECEPTACLE MOUNTING "OFF-CENTER FACE" TYPE



YOKE DIMENSIONS FOR 2 GANG RECEPTACLE MOUNTING "ON-CENTER FACE" TYPE



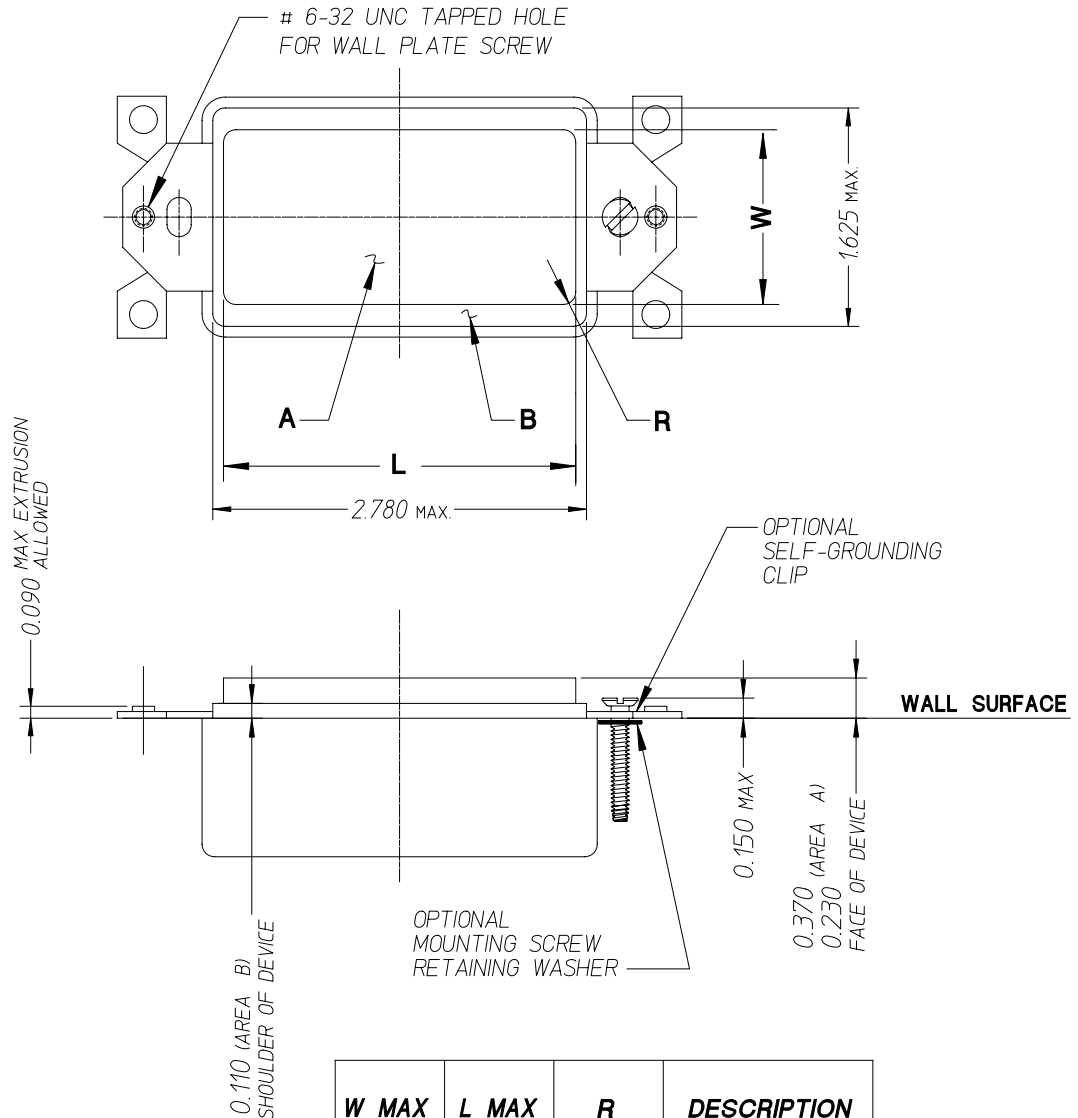
DIMENSIONS FOR FLUSH MOUNT DUPLEX DEVICES RECEPTACLES, COMBINATION SWITCHES, ETC...



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

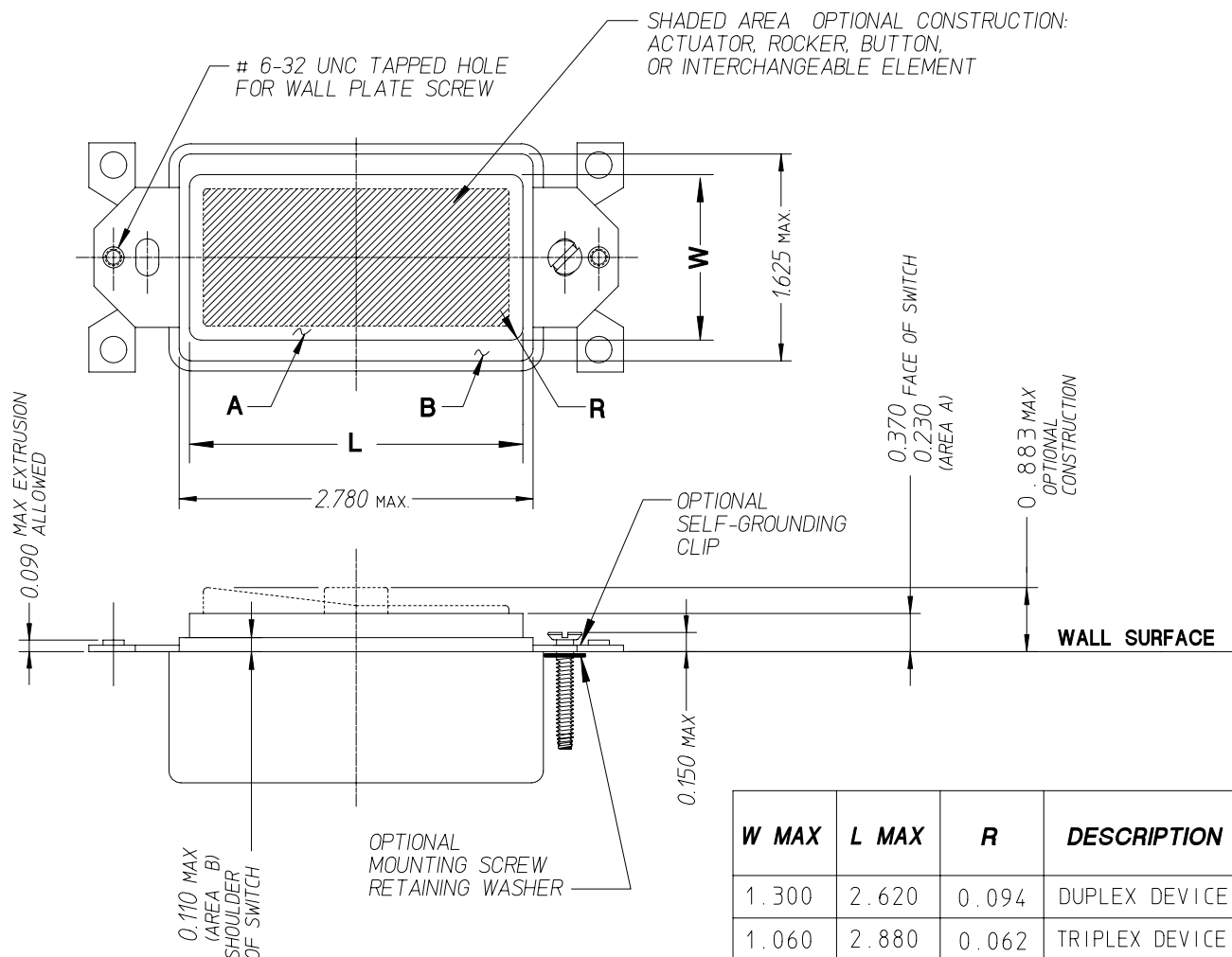
**DIMENSIONS FOR FLUSH MOUNT RECTANGULAR FACE DEVICES
RECEPTACLES, SWITCHES, EXCLUDING GFCI'S, DIMMERS, MOTION SENSORS, ETC...**



NOTES:

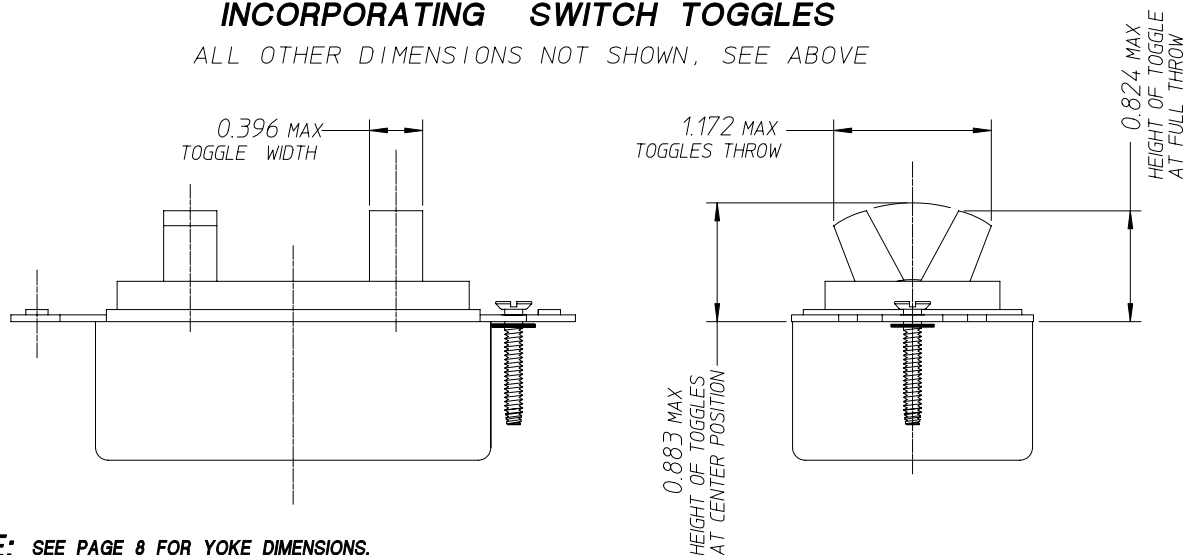
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1-15, 5-15, 5-20, 6-15, 6-20, 7-15, L1-15, L2-20, L5-15, L6-15, L7-15, L11-15

DIMENSIONS FOR RECTANGULAR FACE DEVICES INCORPORATING PROTRUDING ACTUATORS



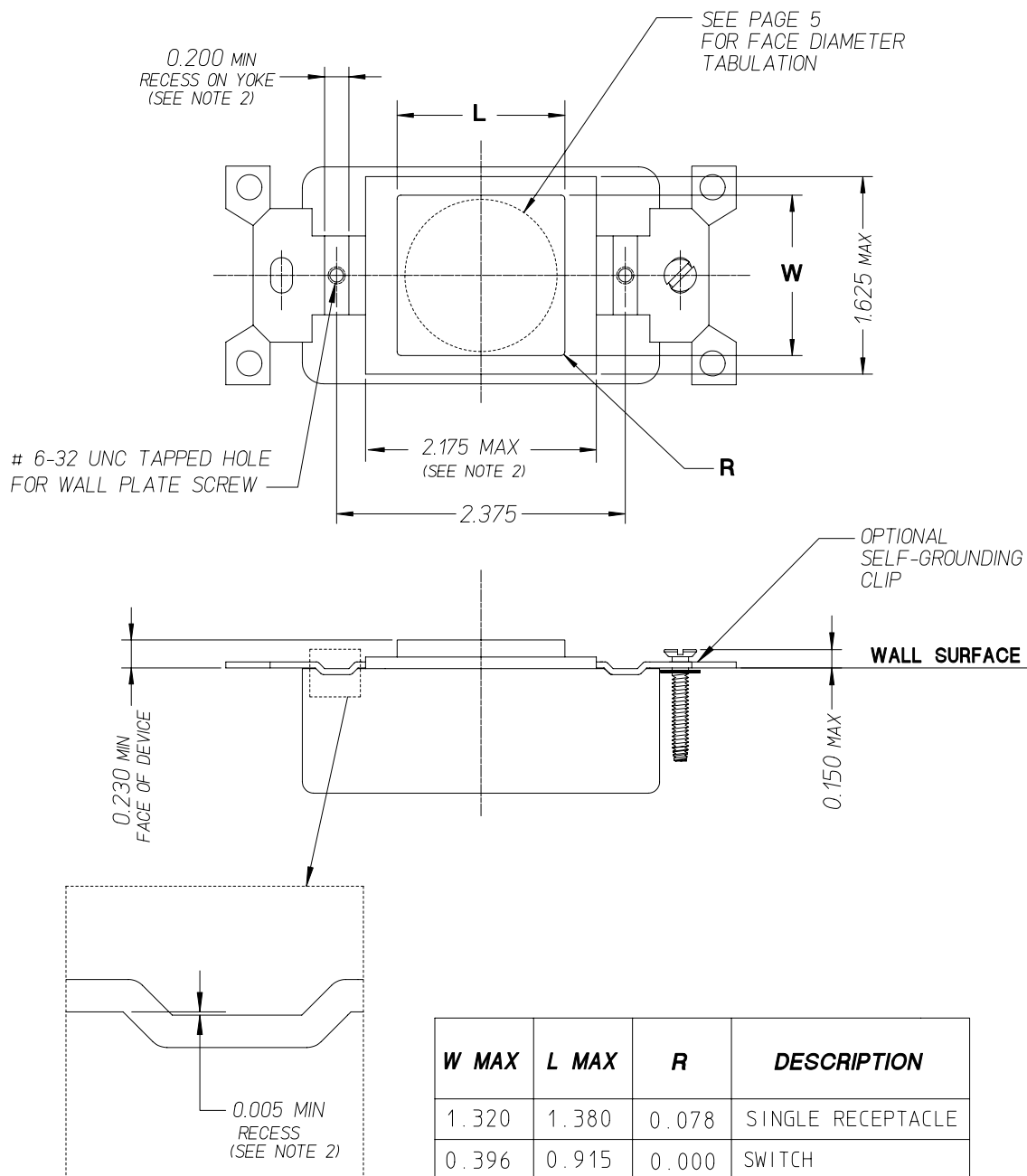
DIMENSIONS FOR RECTANGULAR FACE DEVICES INCORPORATING SWITCH TOGGLES

ALL OTHER DIMENSIONS NOT SHOWN, SEE ABOVE



NOTE: SEE PAGE 8 FOR YOKE DIMENSIONS.

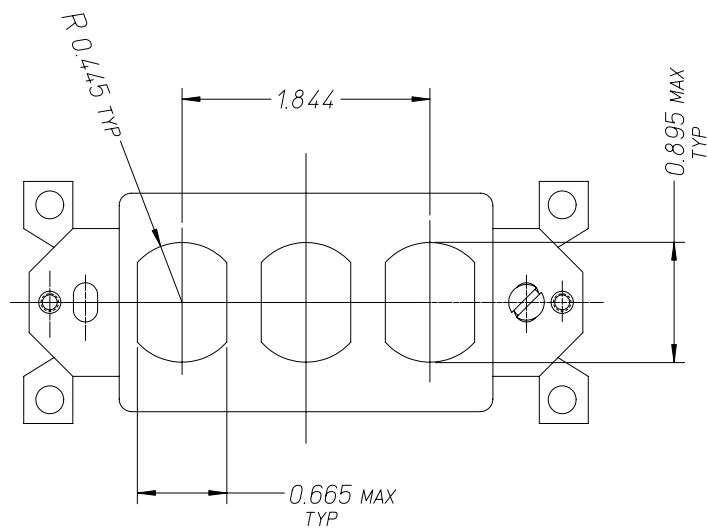
DIMENSIONS FOR ROUND AND RECTANGULAR FACE SINGLE DEVICES



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

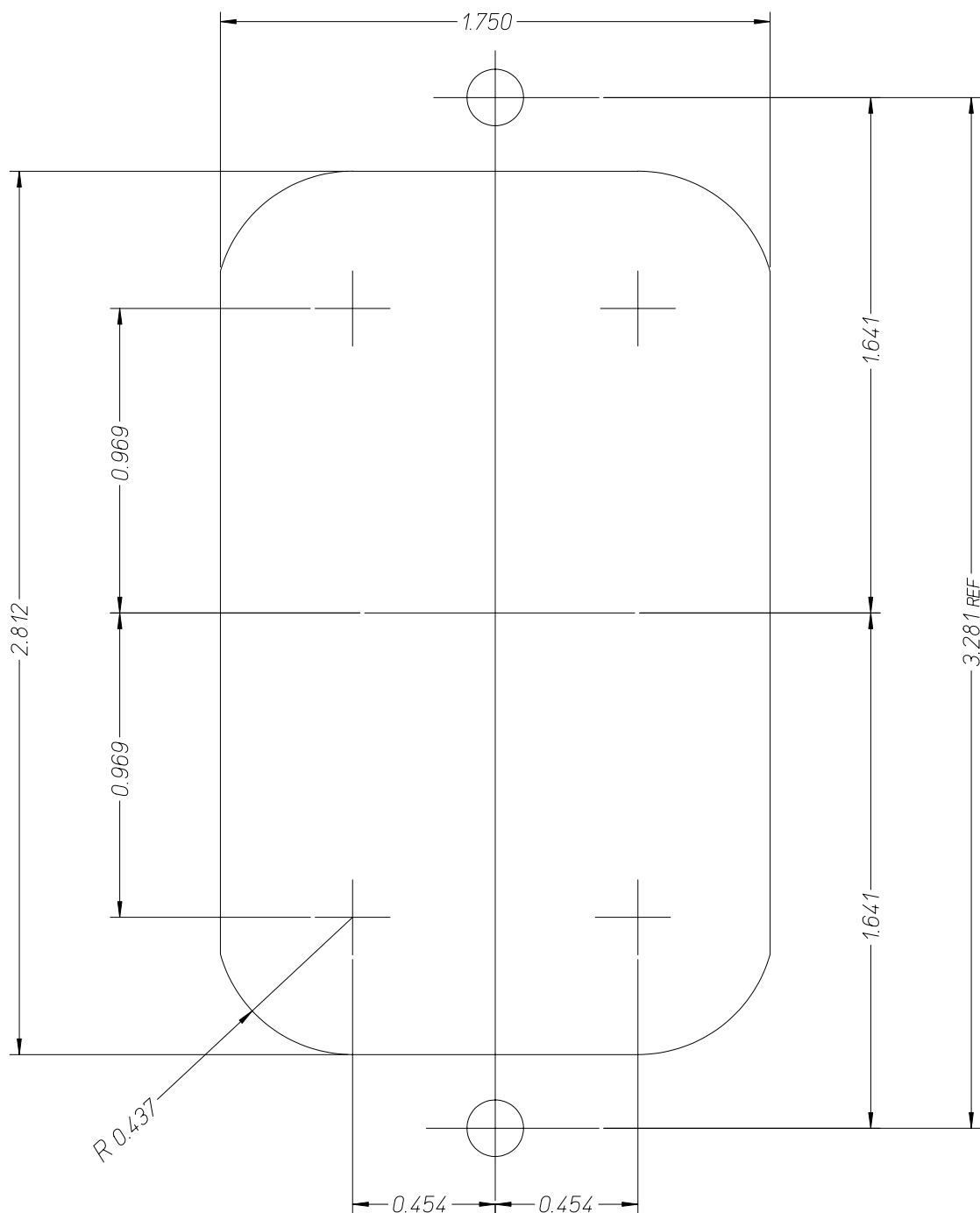
***DIMENSIONS FOR INTERCHANGEABLE TYPE
SINGLE, DUPLEX, AND TRIPLEX DEVICES***



NOTES:

1- SEE PAGE 8 FOR YOKE DIMENSIONS

WIRING DEVICE MAXIMUM ENVELOPE DIMENSION



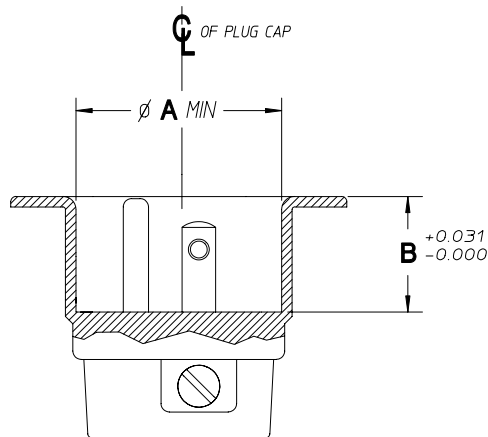
NOTES:

- 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.

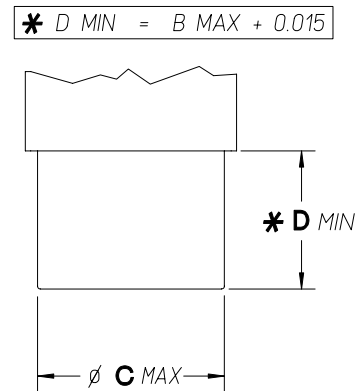
DIMENSIONS FOR FLANGED INLETS AND CONNECTOR BODIES.

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'.



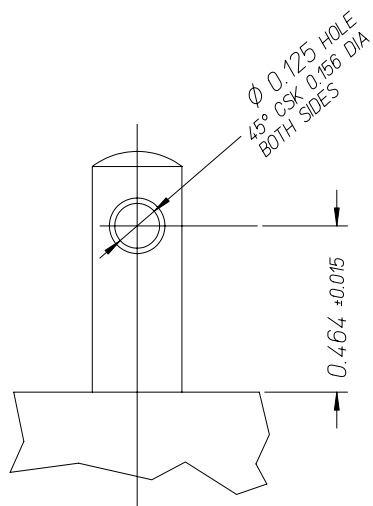
FLANGED INLET



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

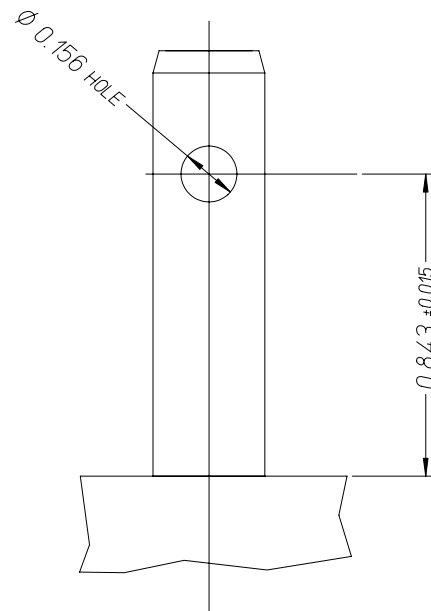
FLAT BLADE HOLE LOCATIONS GENERAL INFORMATION



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

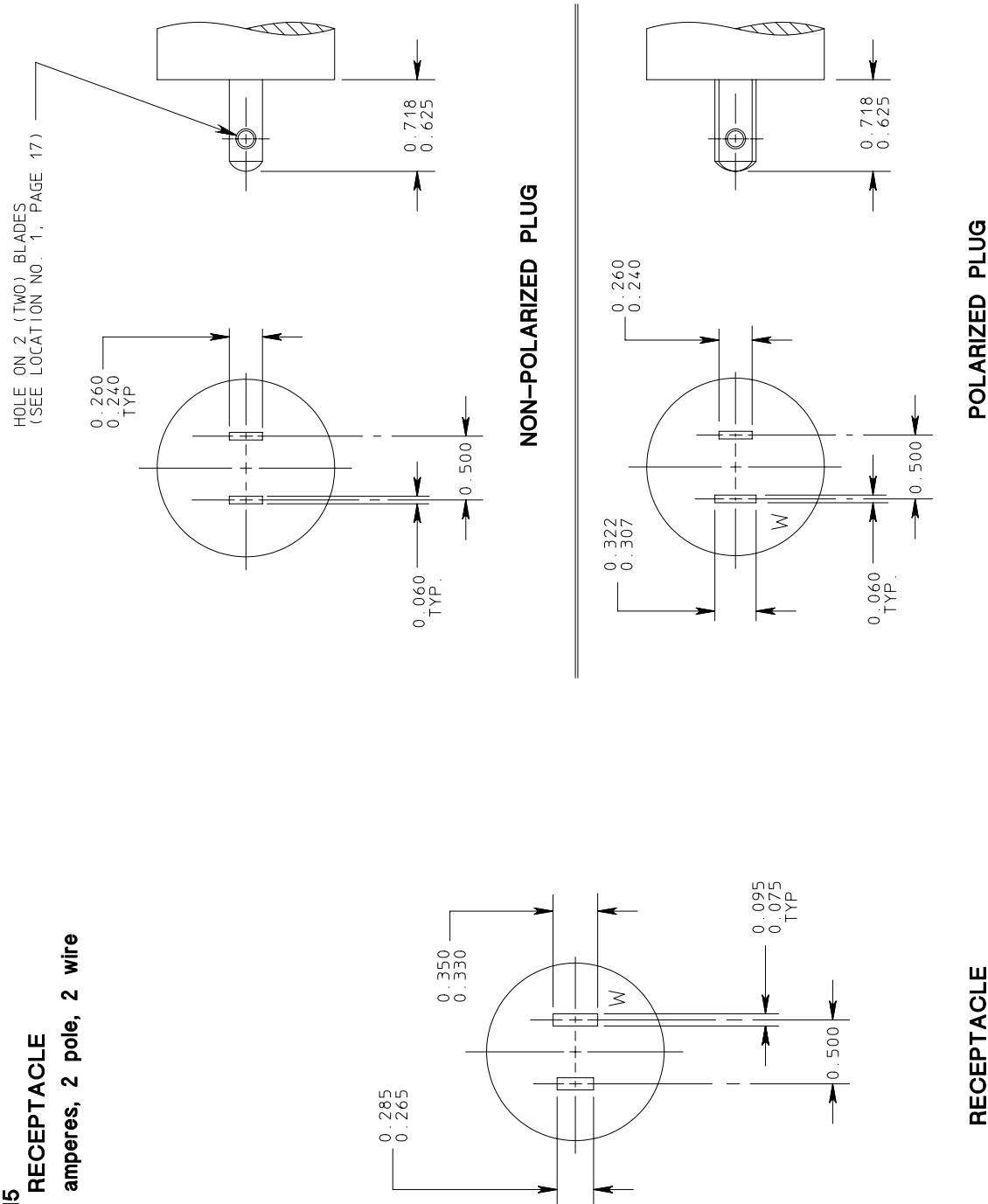
CONFIGURATIONS USING LOCATION # 2

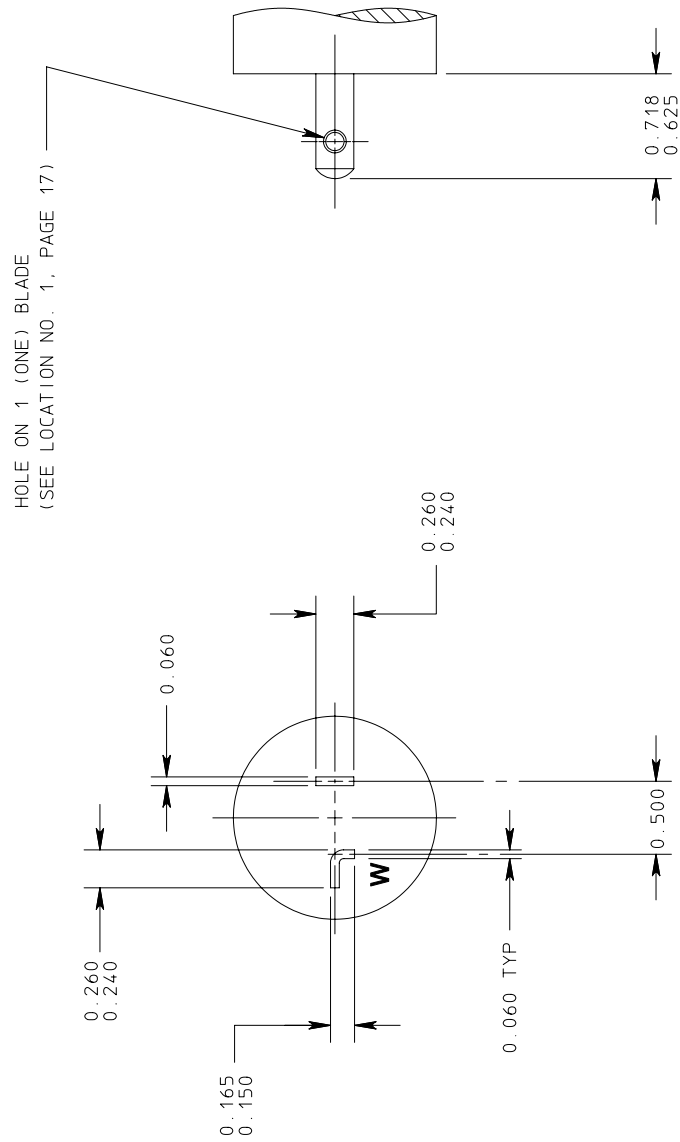
1-30, 2-30, 5-30, 6-30, 7-30, 10-30, 11-30
14-30, 15-30, 18-30, 24-30.
5-50, 6-50, 7-50, 10-50, 11-50, 14-50,
15-50, 18-50, 24-50
14-60, 15-60, 18-60.

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



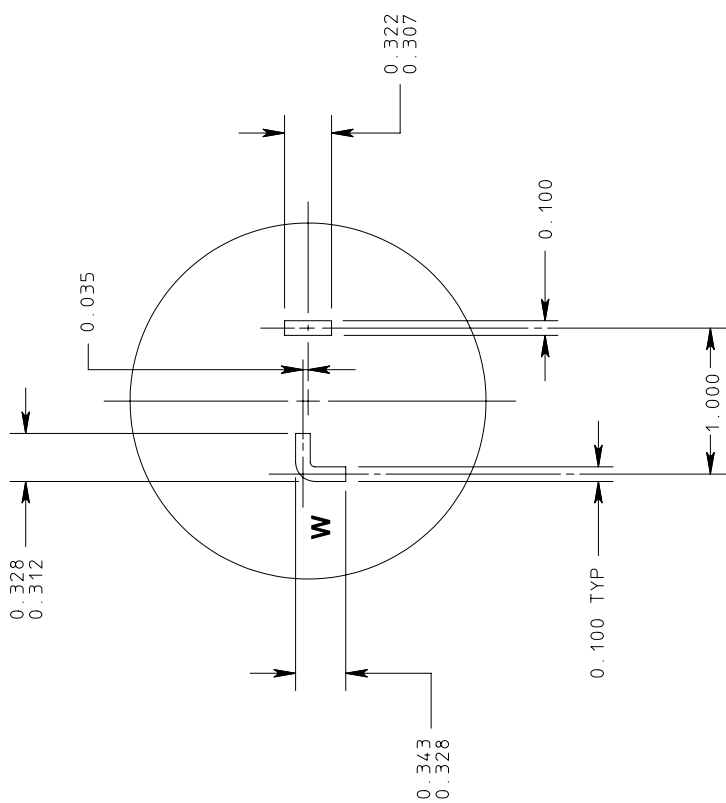


PLUG

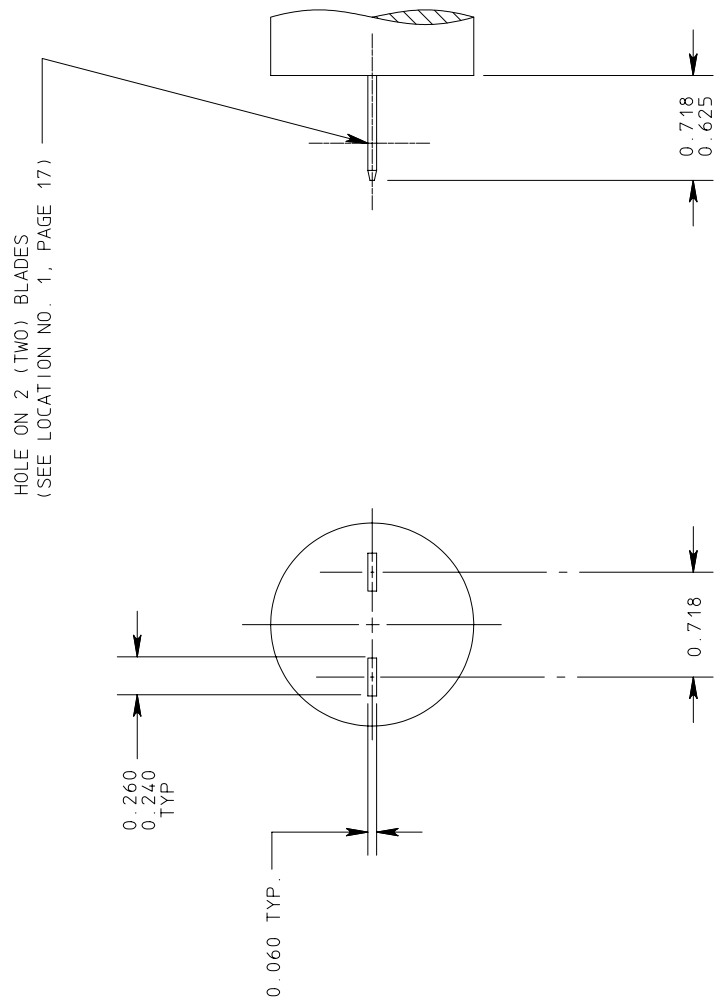
NOTE: THIS PLUG MATES WITH RECEPTACLE CONFIGURATION 5-20.

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

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



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

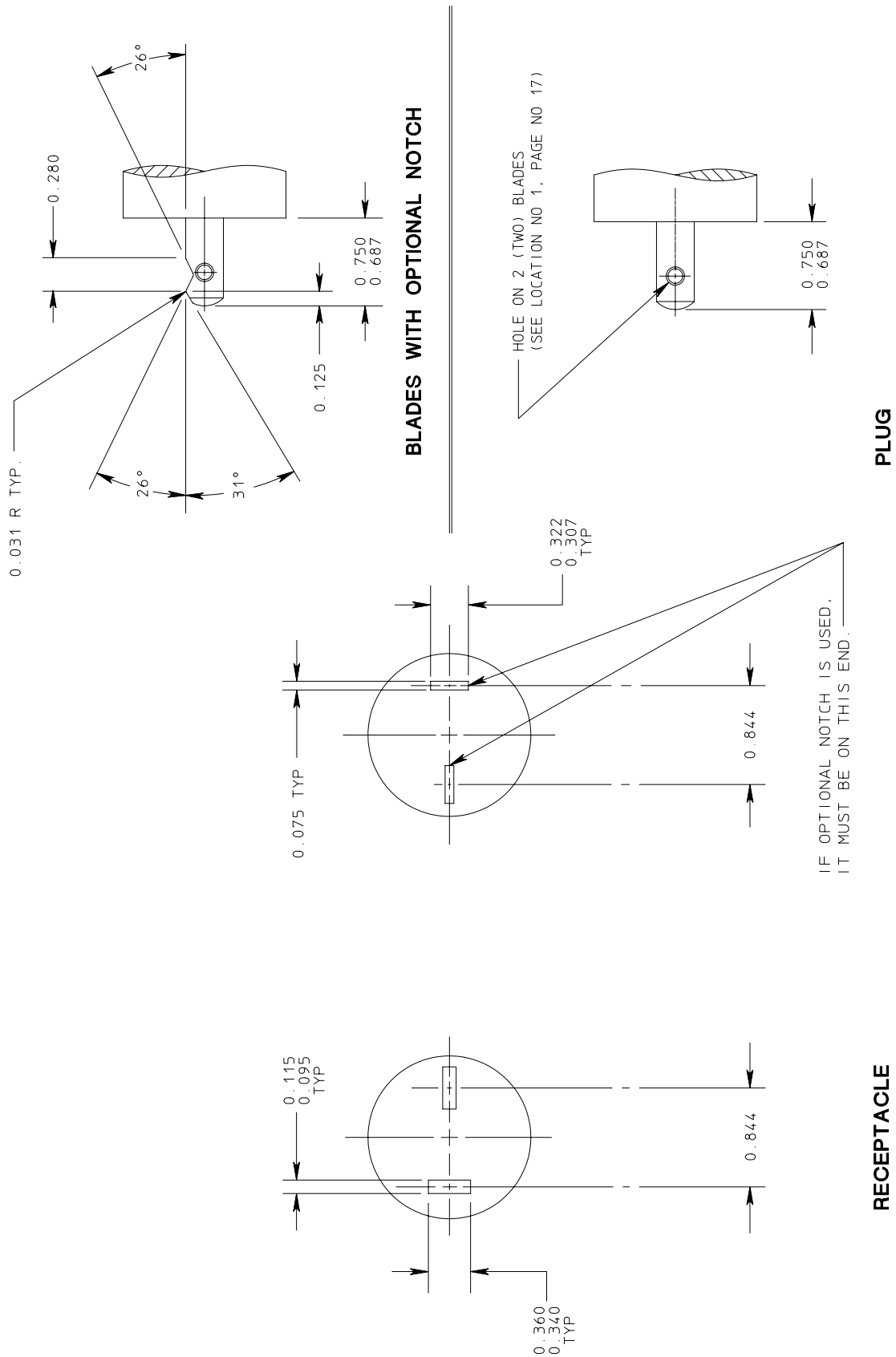


PLUG

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



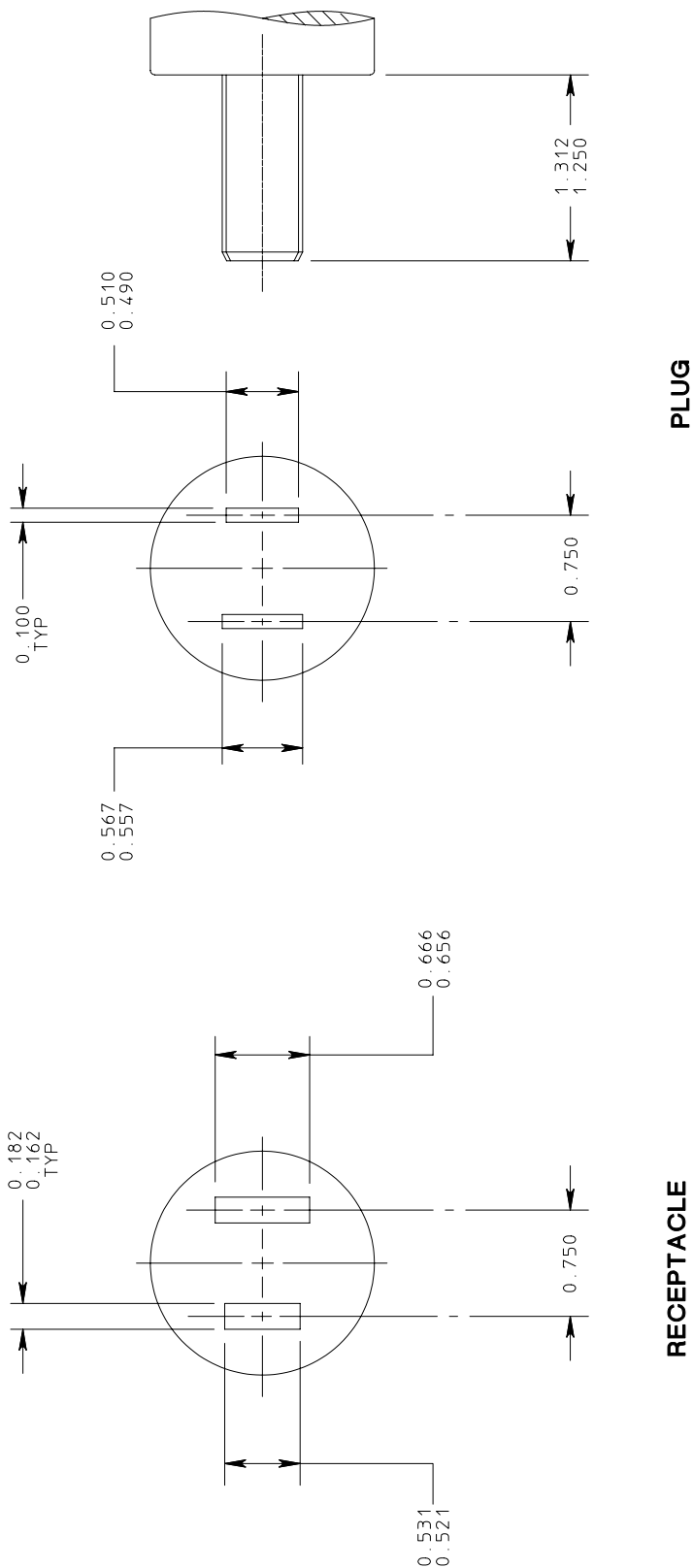
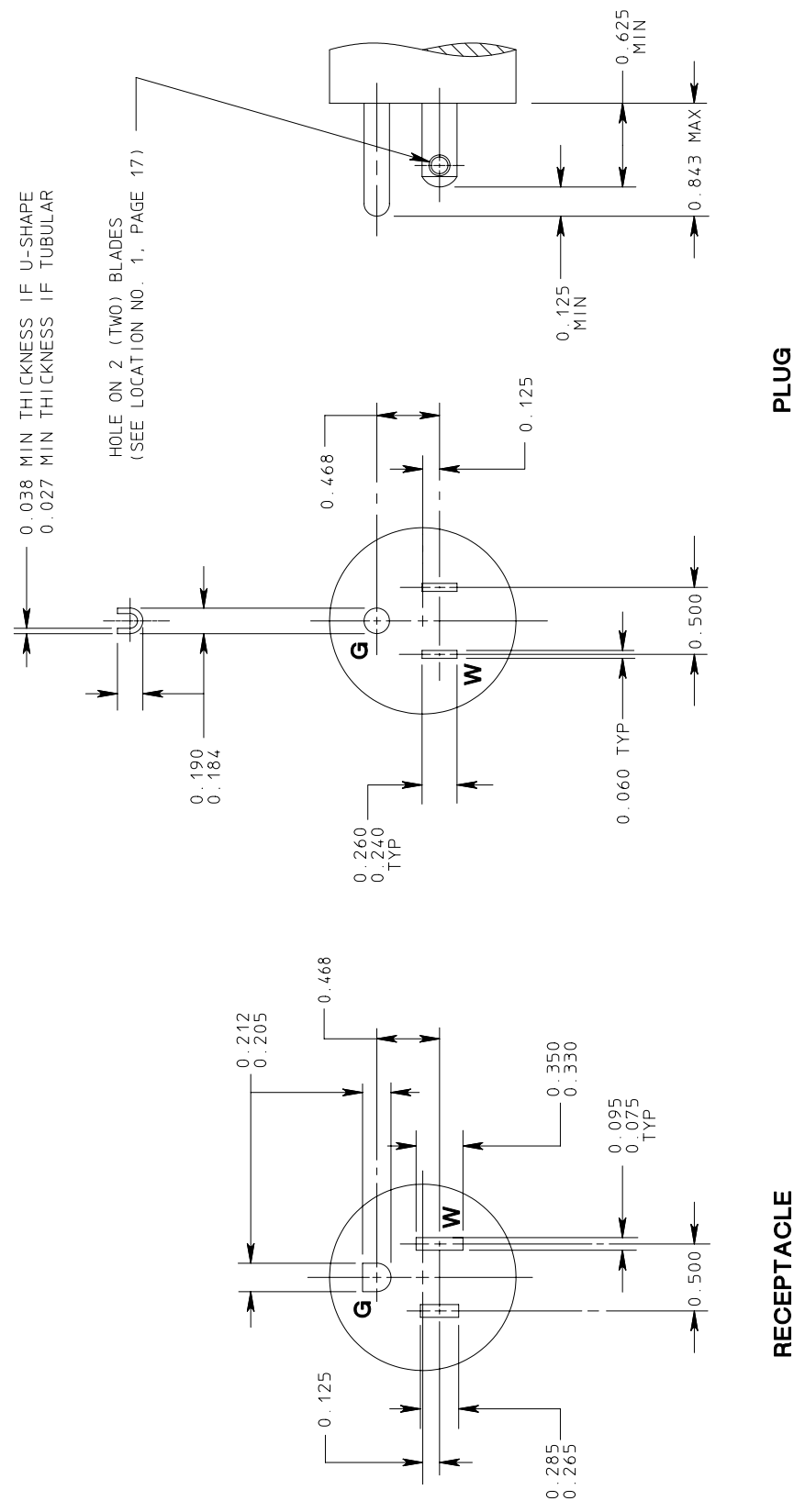
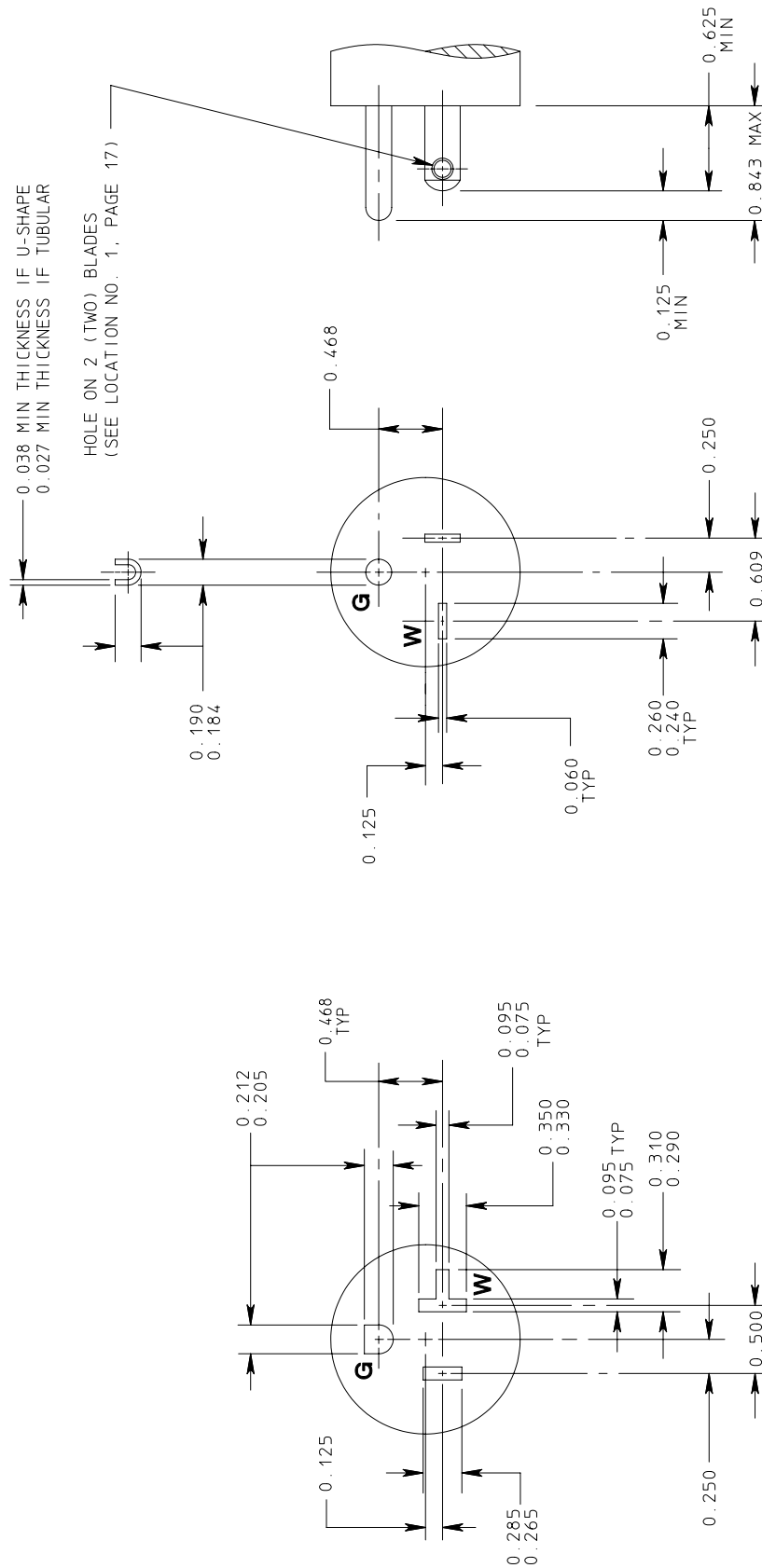


FIGURE 2-30
PLUG AND RECEPTACLE
250 volts, 30 amperes, 2 pole, 2 wire

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.



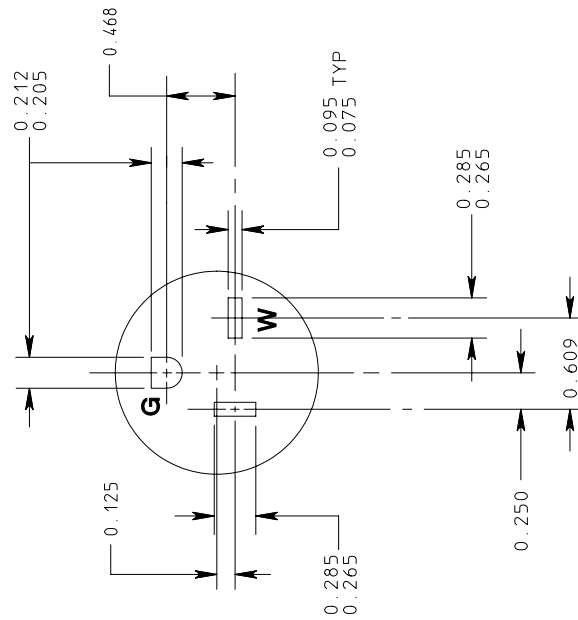
PLUG

RECEPTACLE

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.

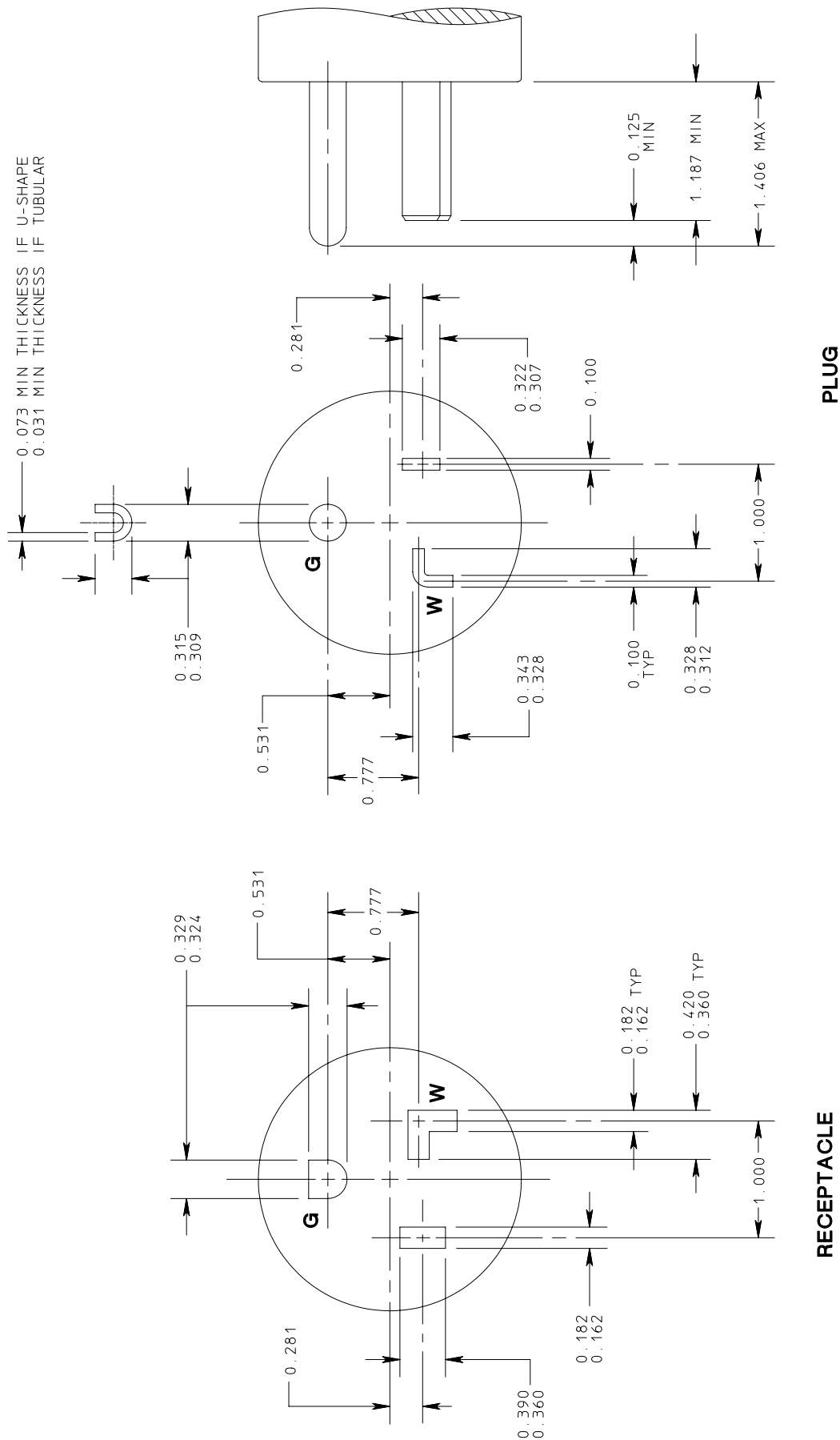
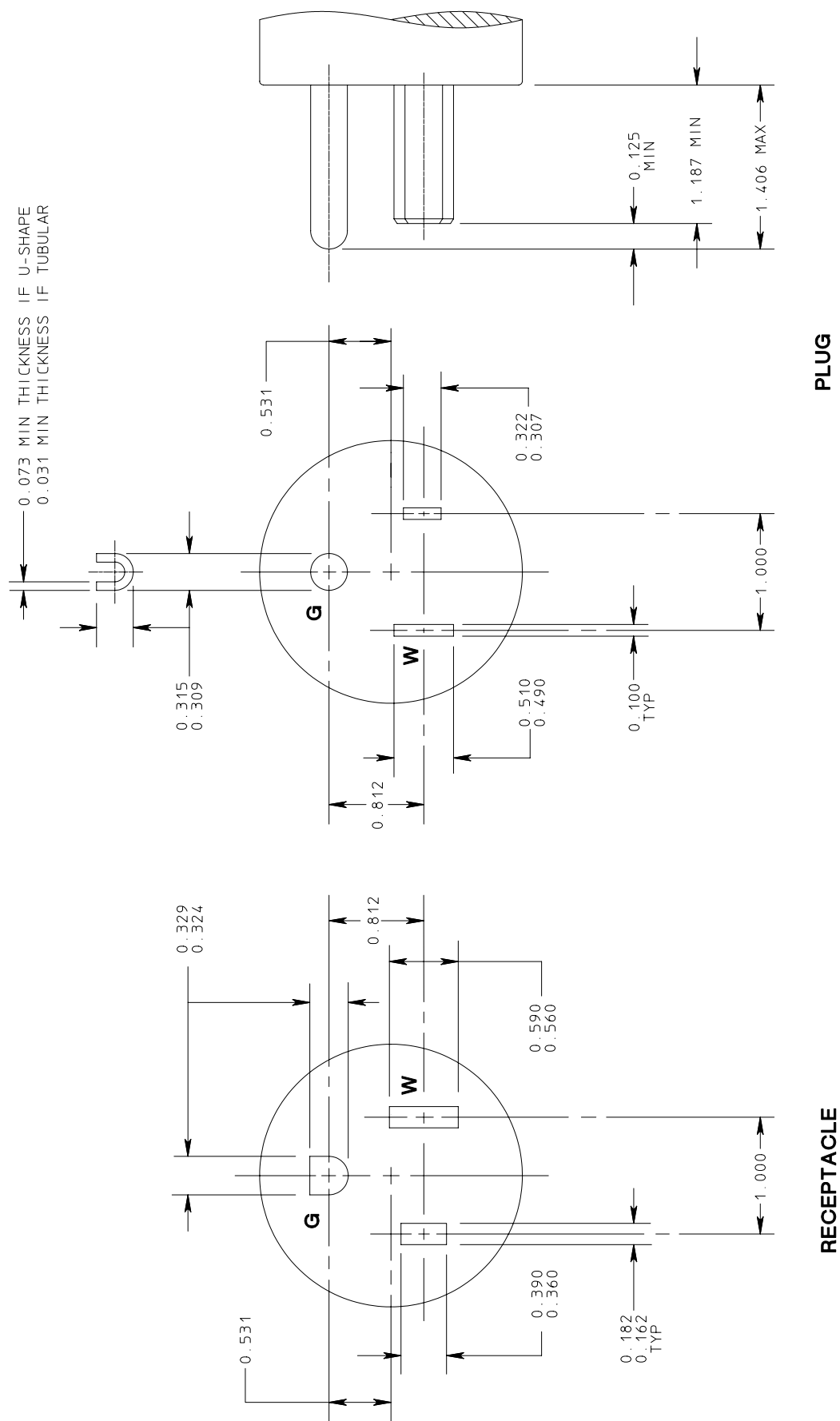
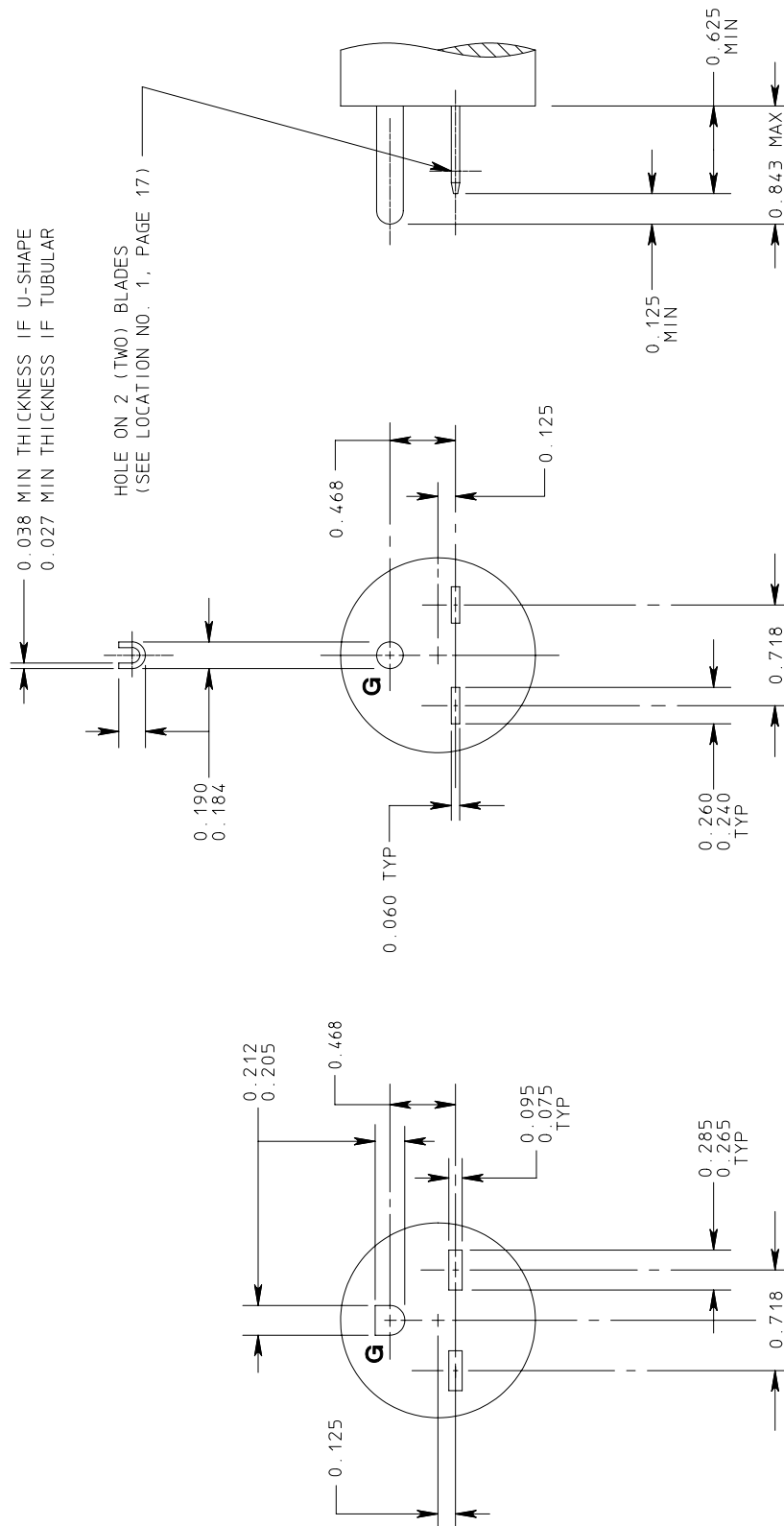


FIGURE 5-30
PLUG AND RECEPTACLE
125 volts, 30 amperes, 2 pole, 3 wire, Grounding type

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





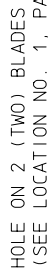
PLUG

RECEPTACLE

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

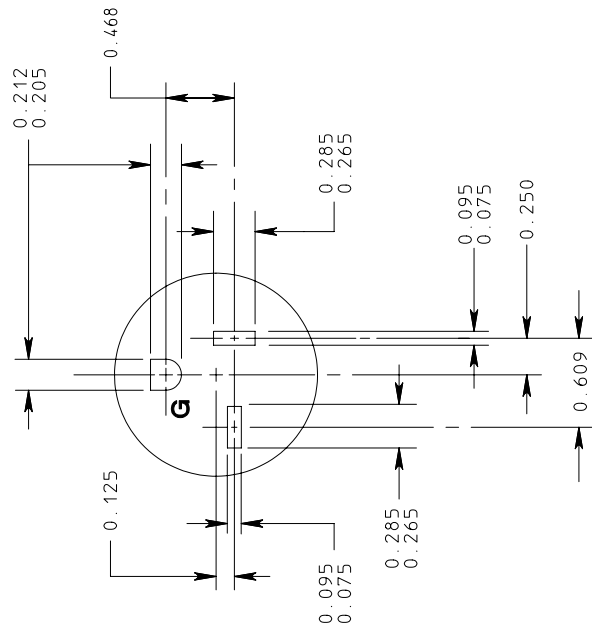
FIGURE 6-15
PLUG AND RECEPTACLE
250 volts, 15 amperes, 2 pole, 3 wire, Grounding type

250 volts, 20 amperes, 2 pole, 3 wire, Grounding type



PLUG

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

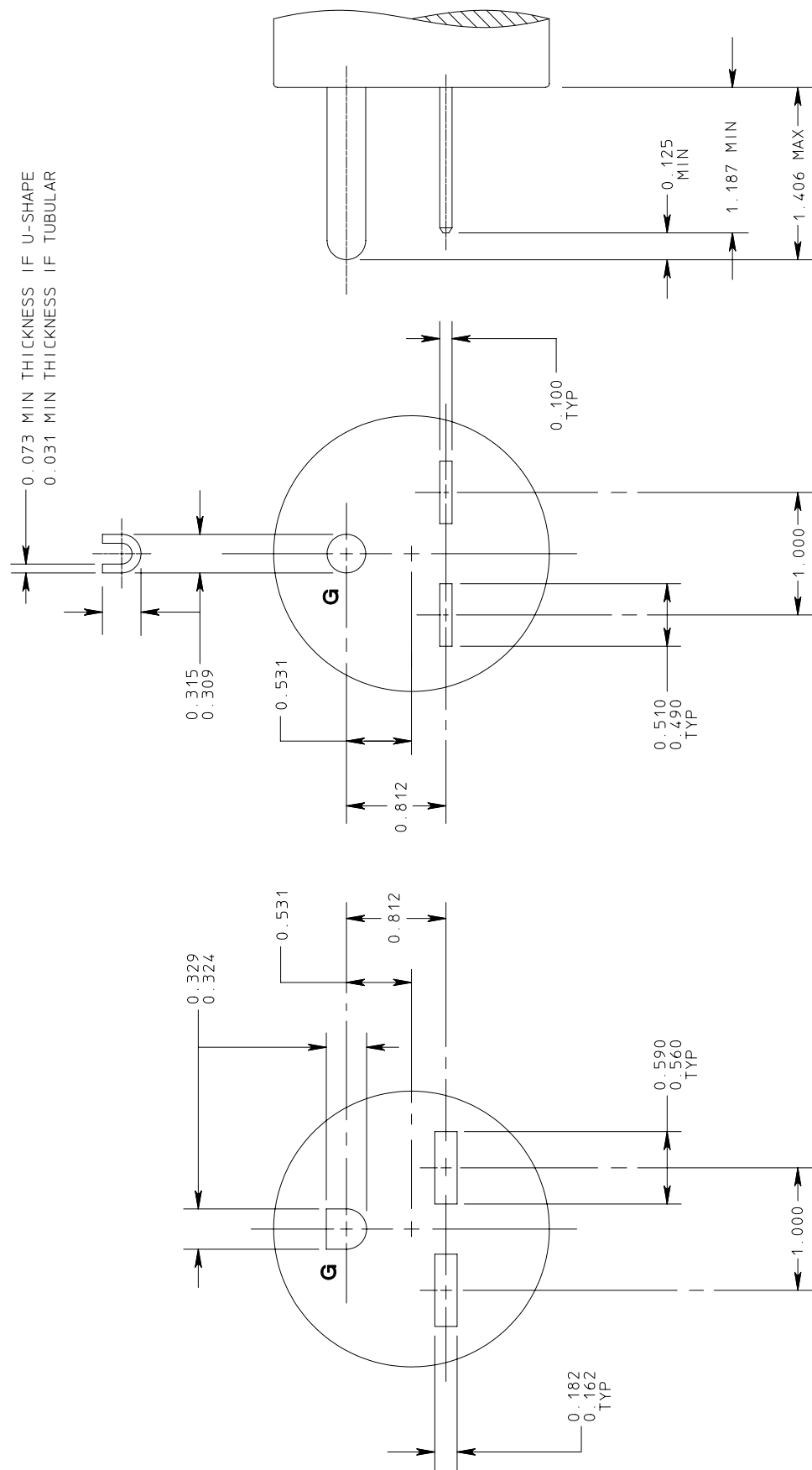


RECEPTACLE

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



PLUG

RECEPTACLE

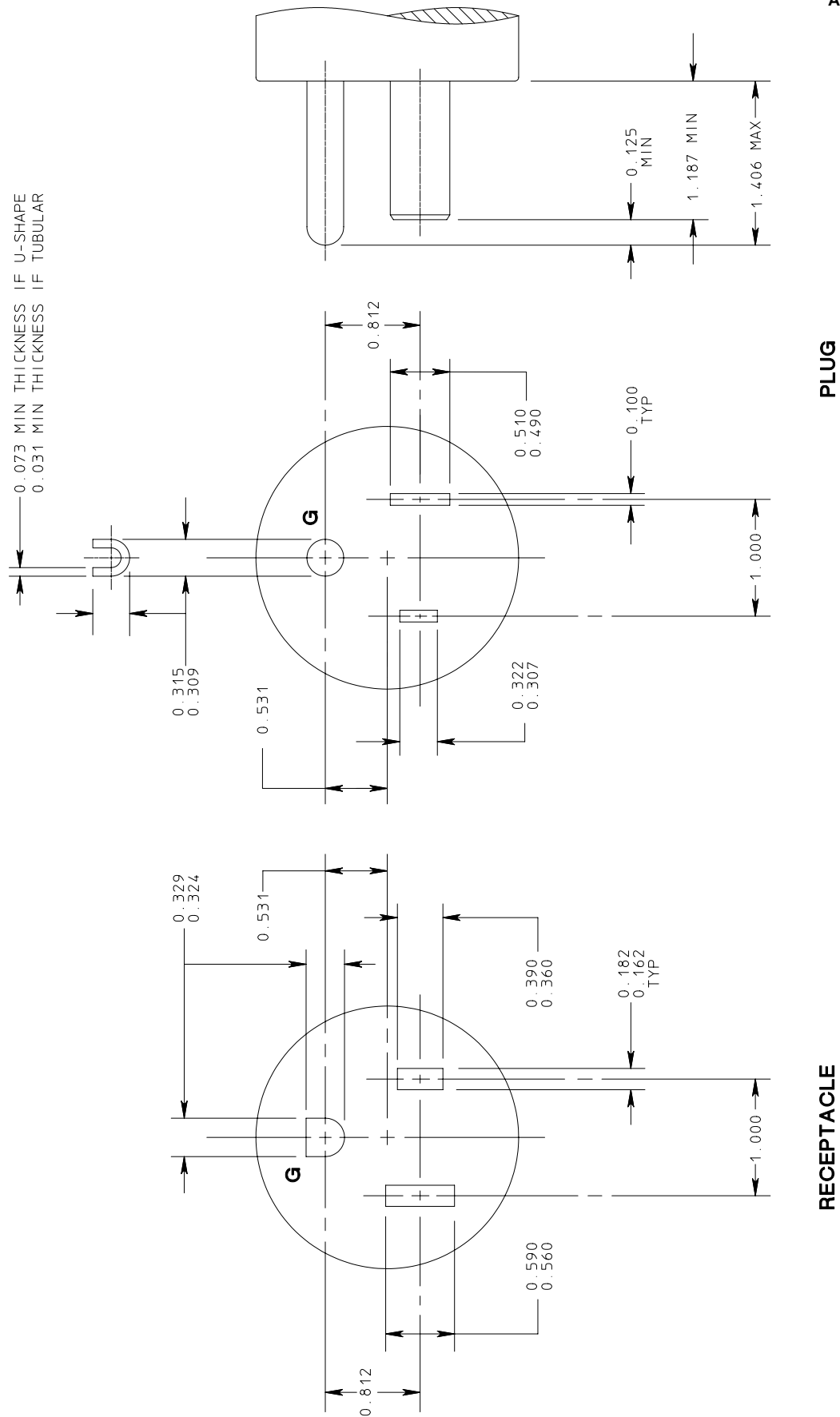
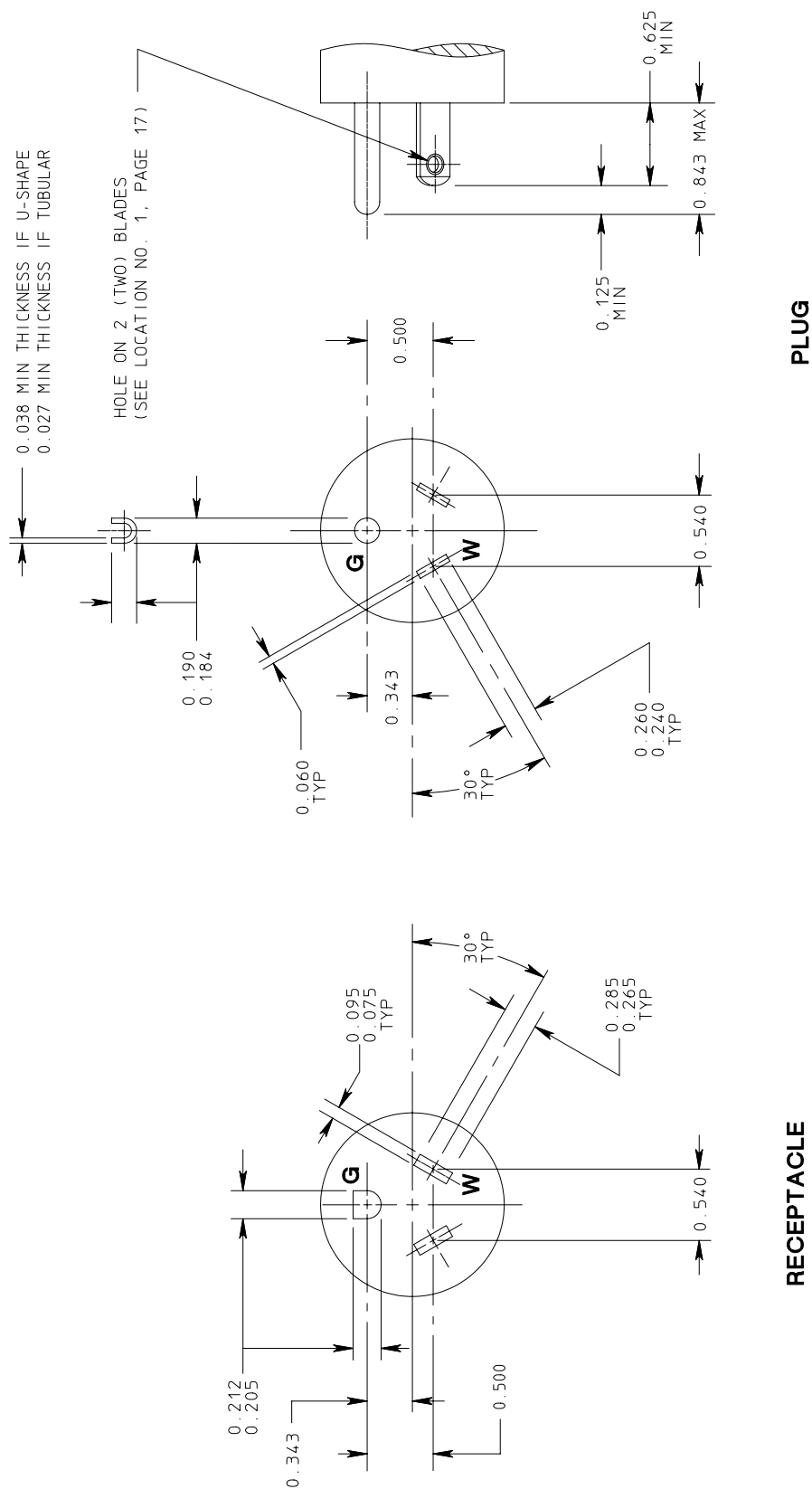
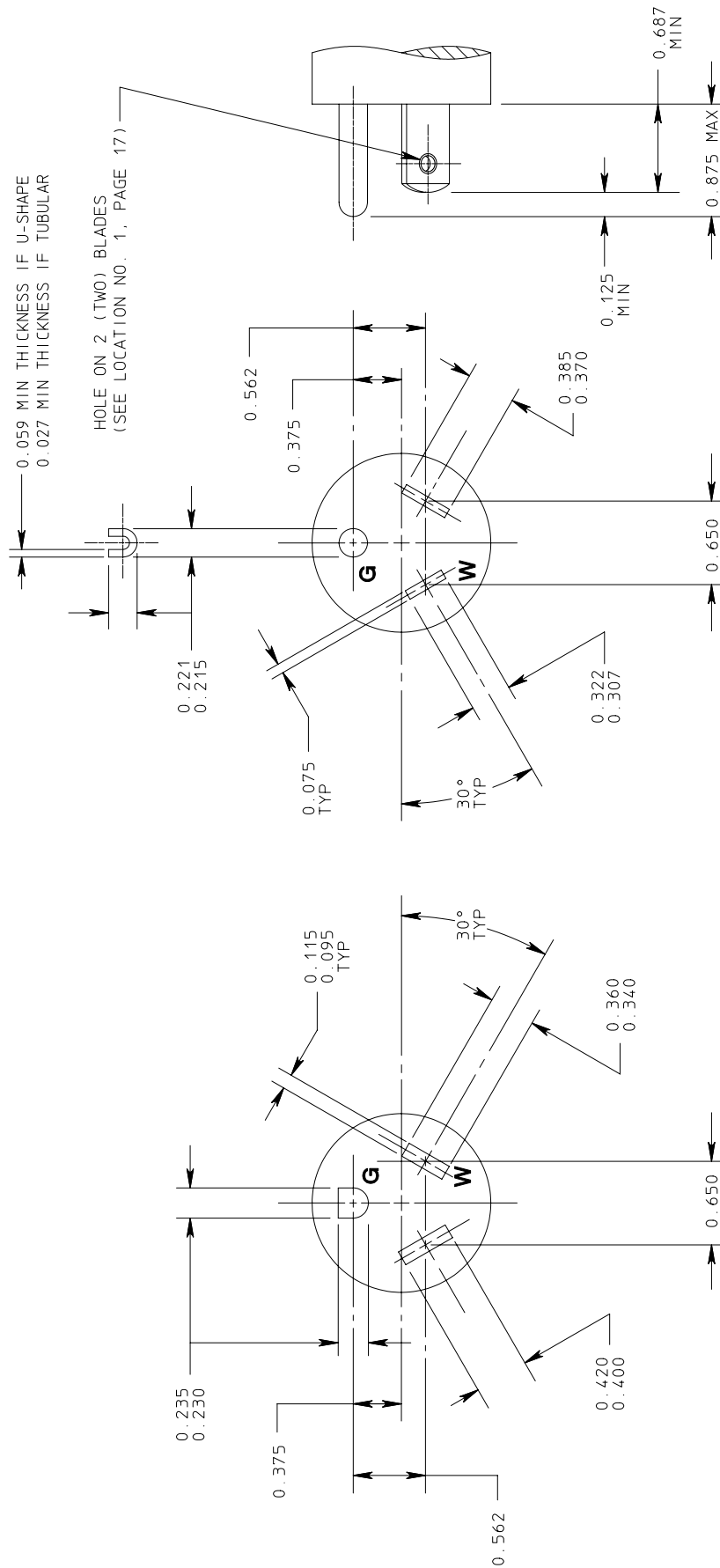


FIGURE 6-50
PLUG AND RECEPTACLE
250 volts, 50 amperes, 2 pole, 3 wire, Grounding type

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



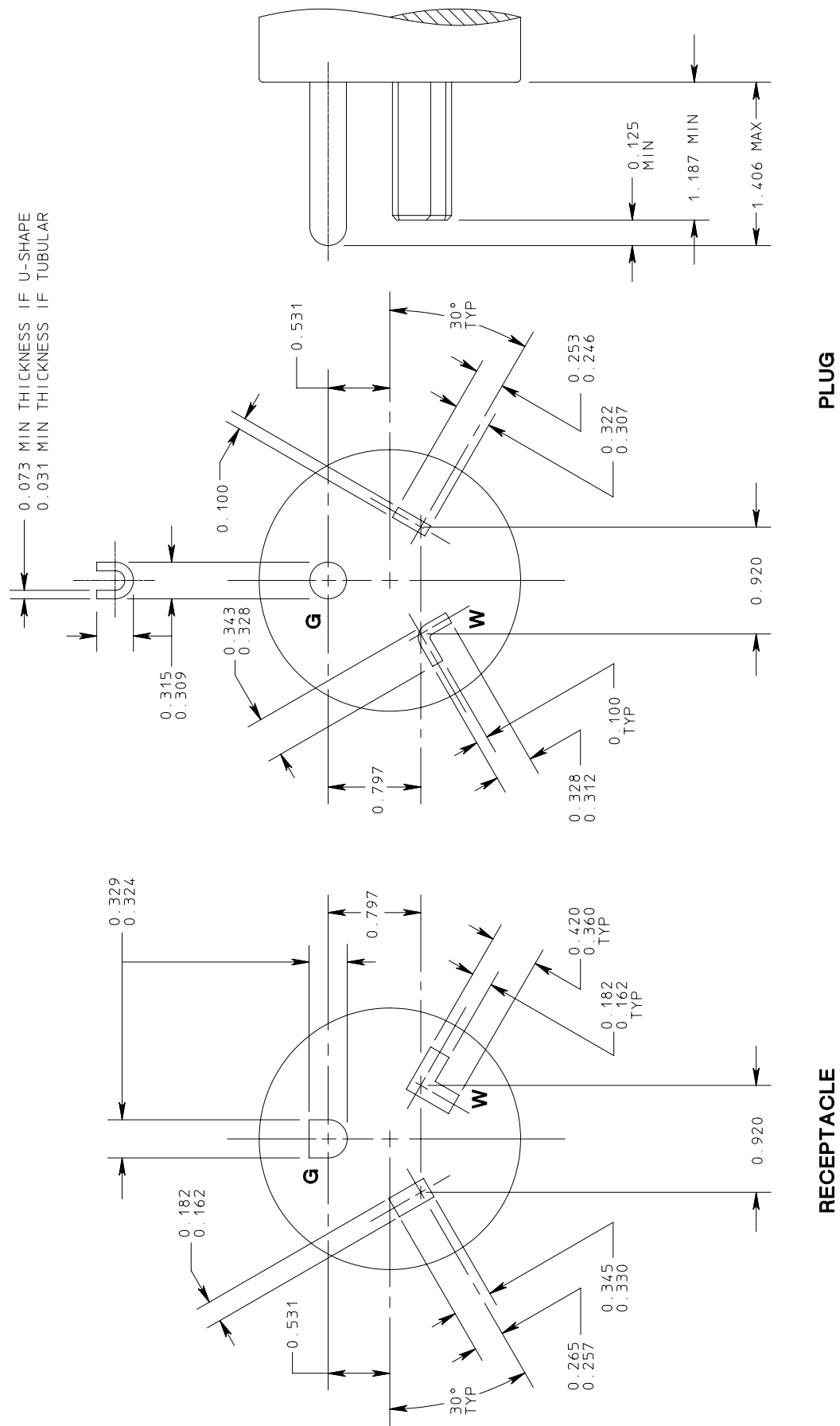


PLUG

RECEPTACLE

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



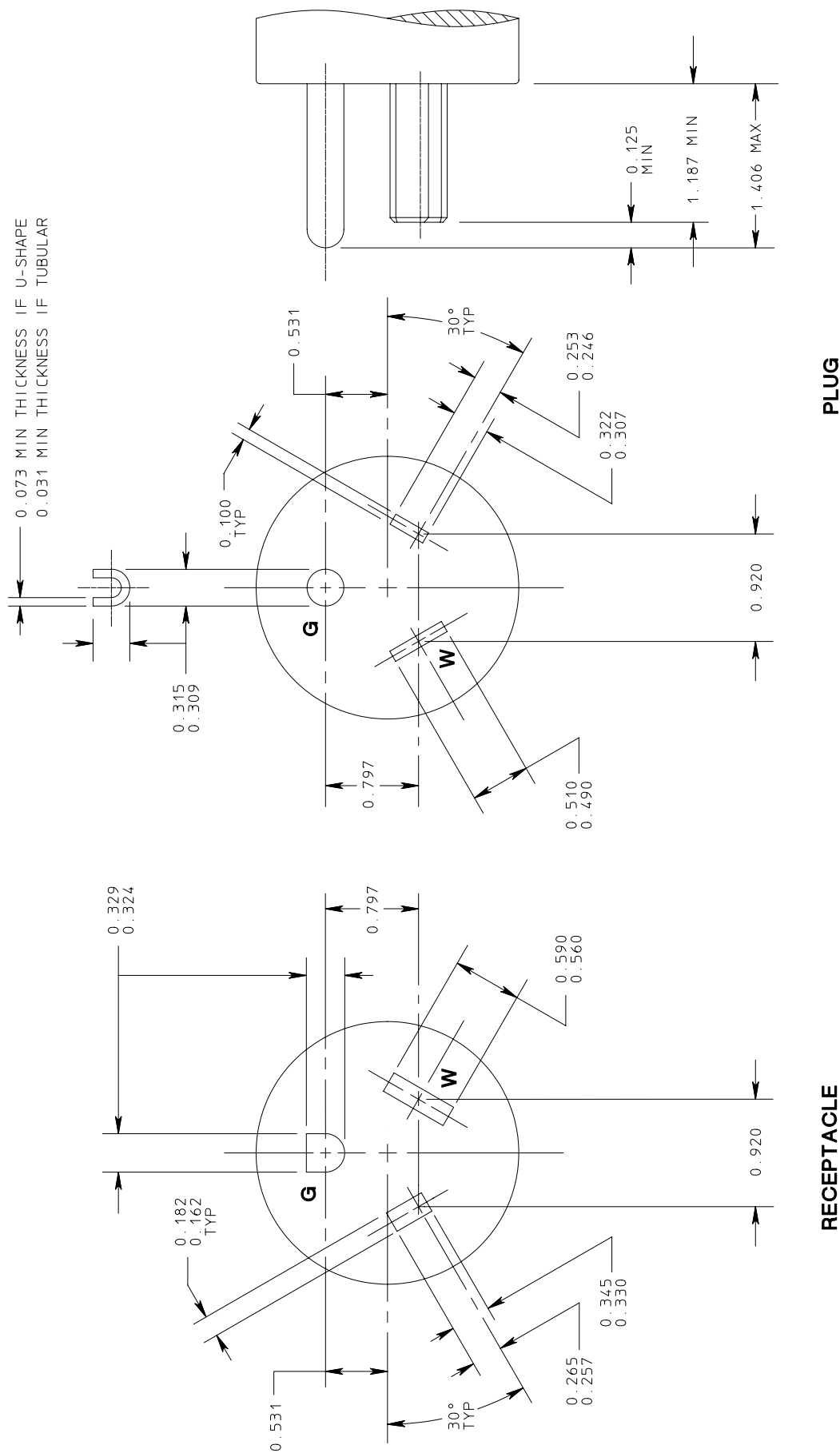
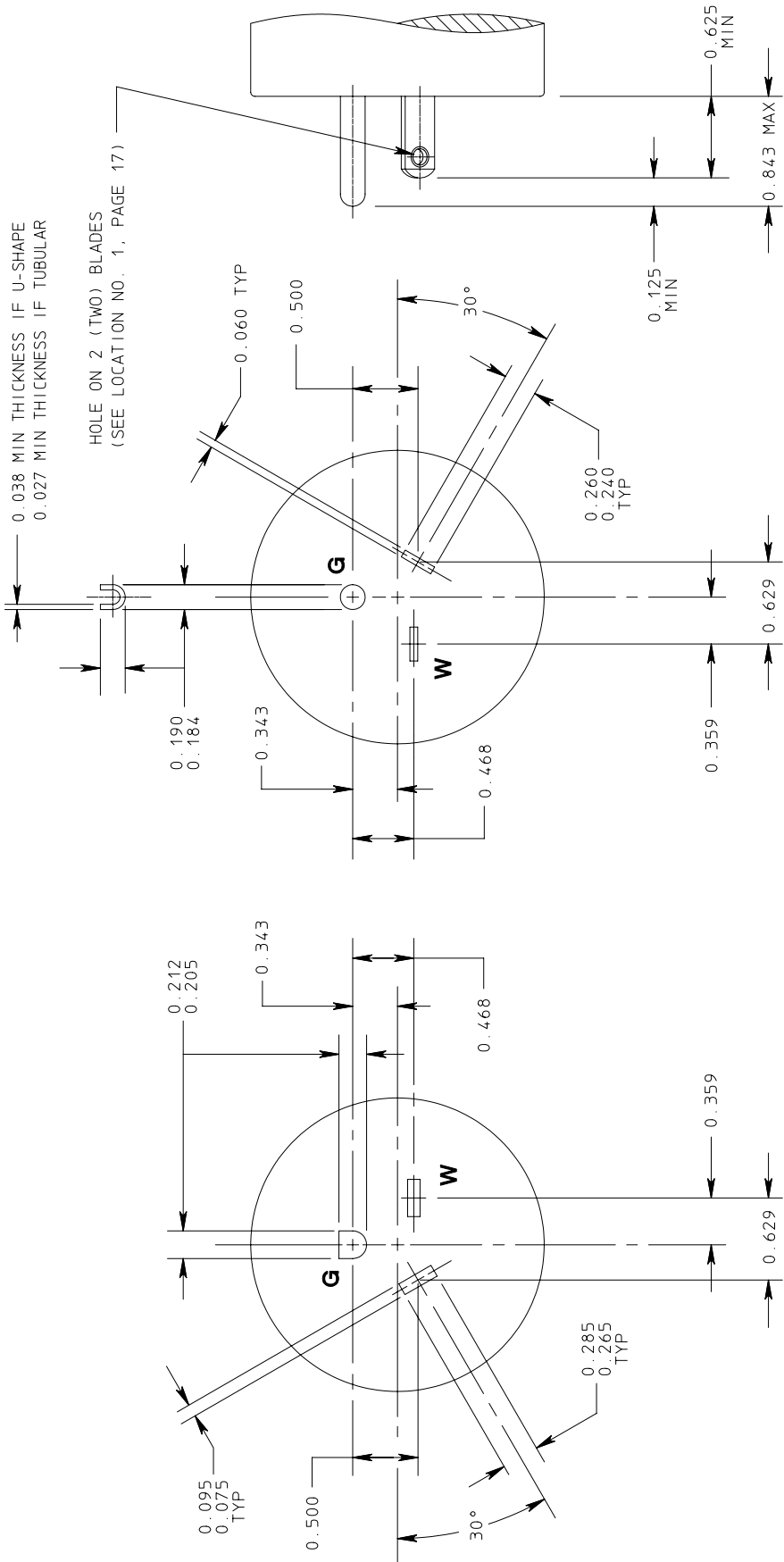


FIGURE 7-50
PLUG AND RECEPTACLE
277 volts ac, 50 amperes, 2 pole, 3 wire, Grounding type

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



PLUG

RECEPTACLE

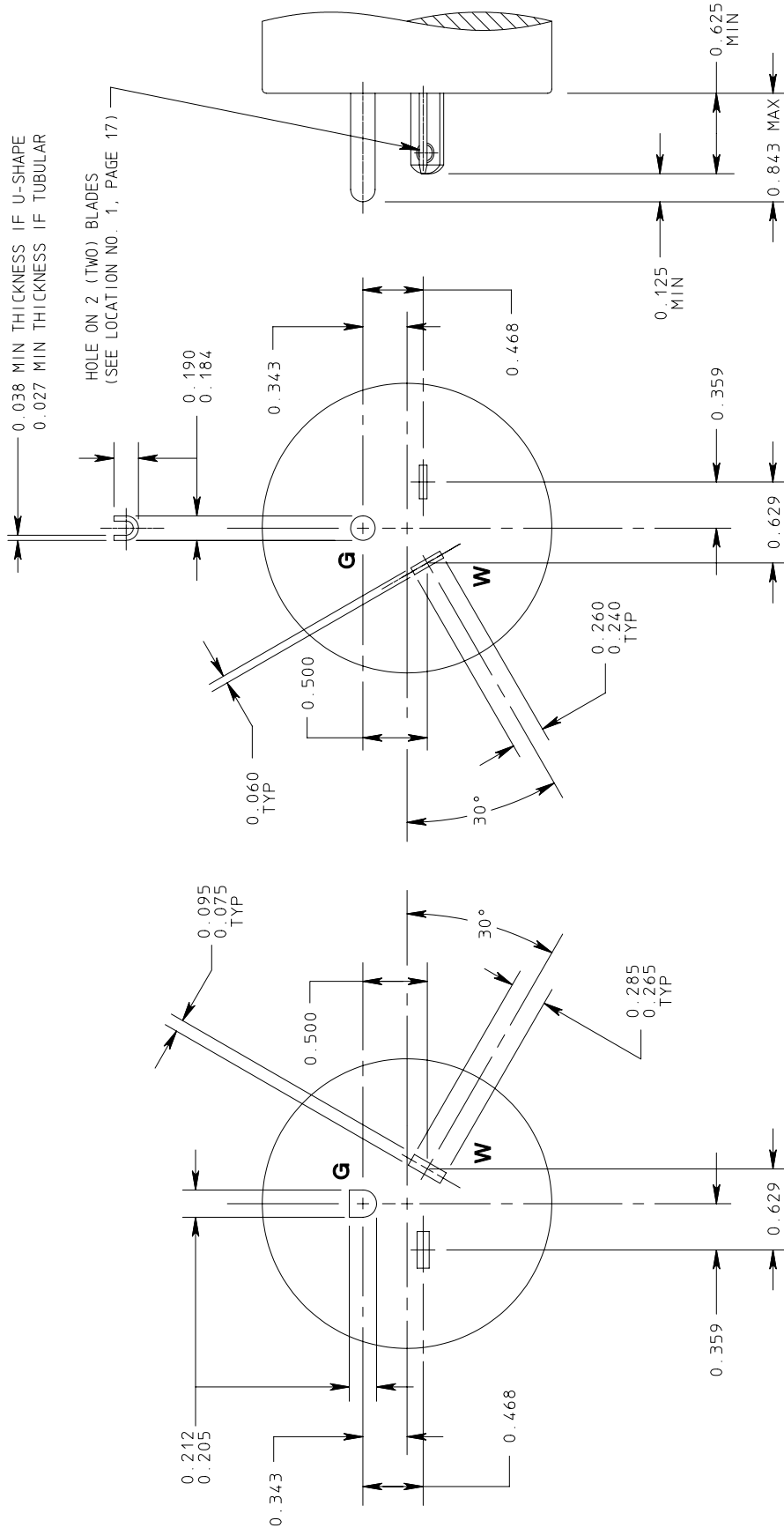
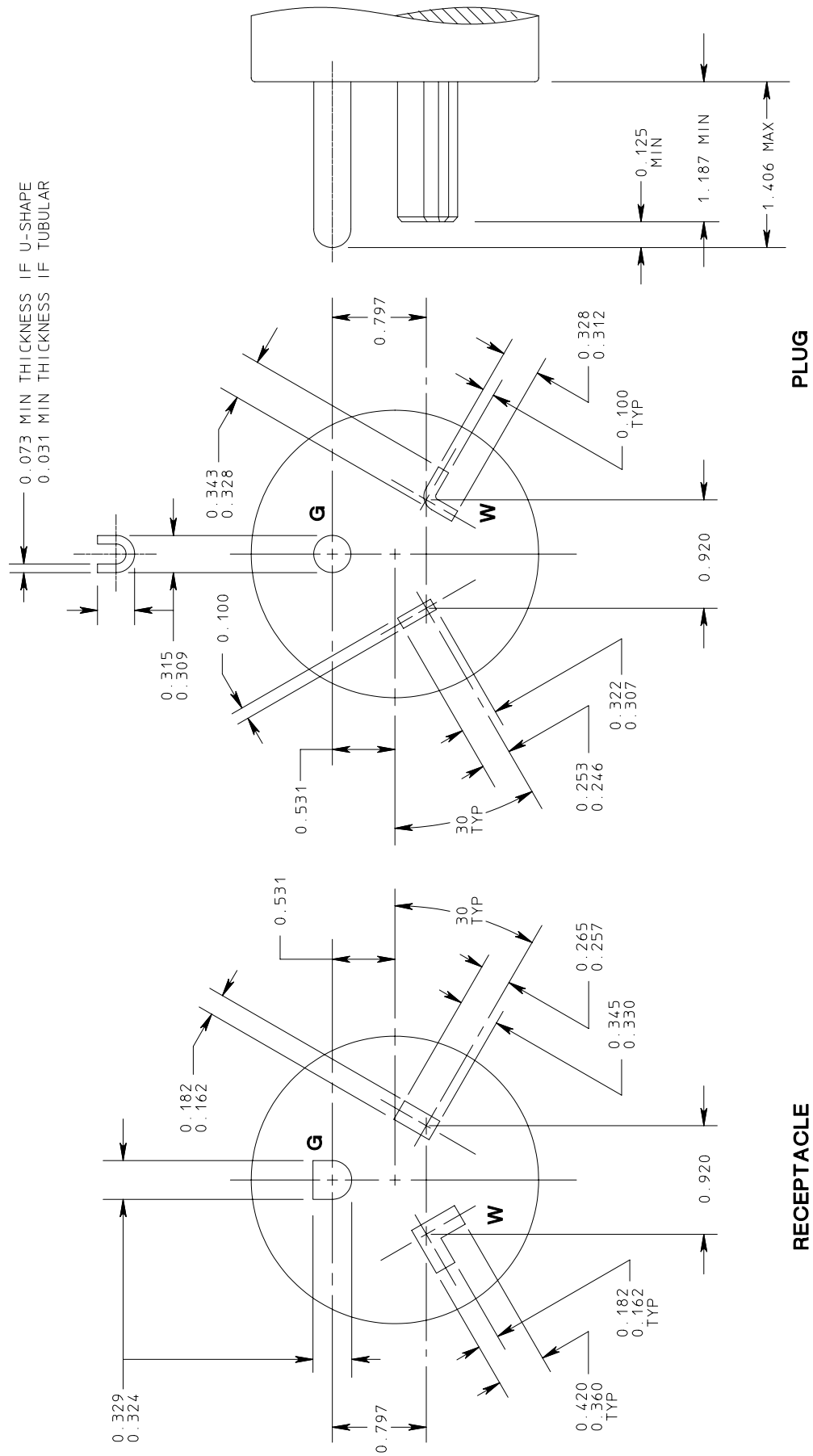


FIGURE 24-20
PLUG AND RECEPTACLE
347 volts ac, 20 amperes, 2 pole, 3 wire grounding type

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



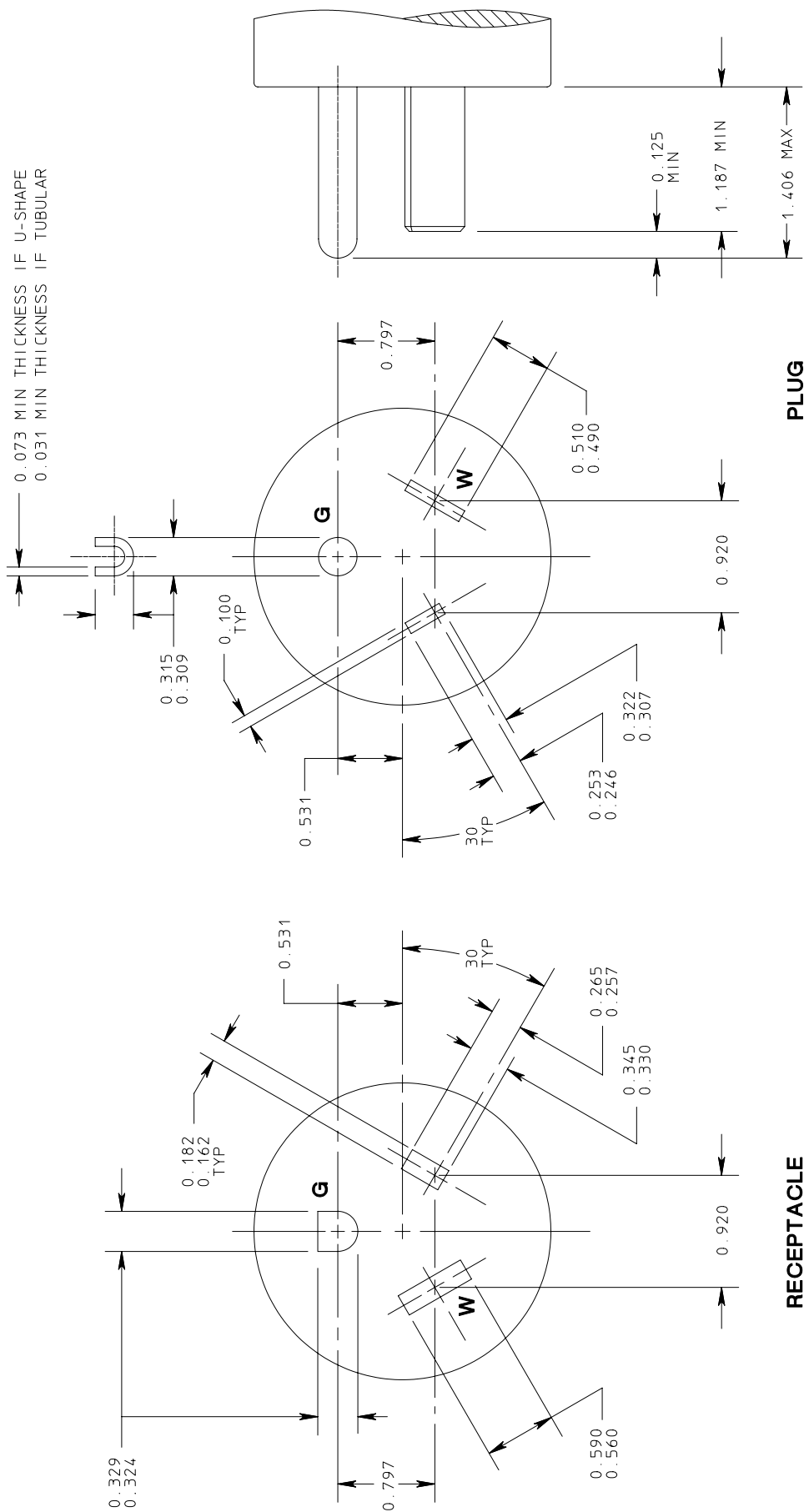
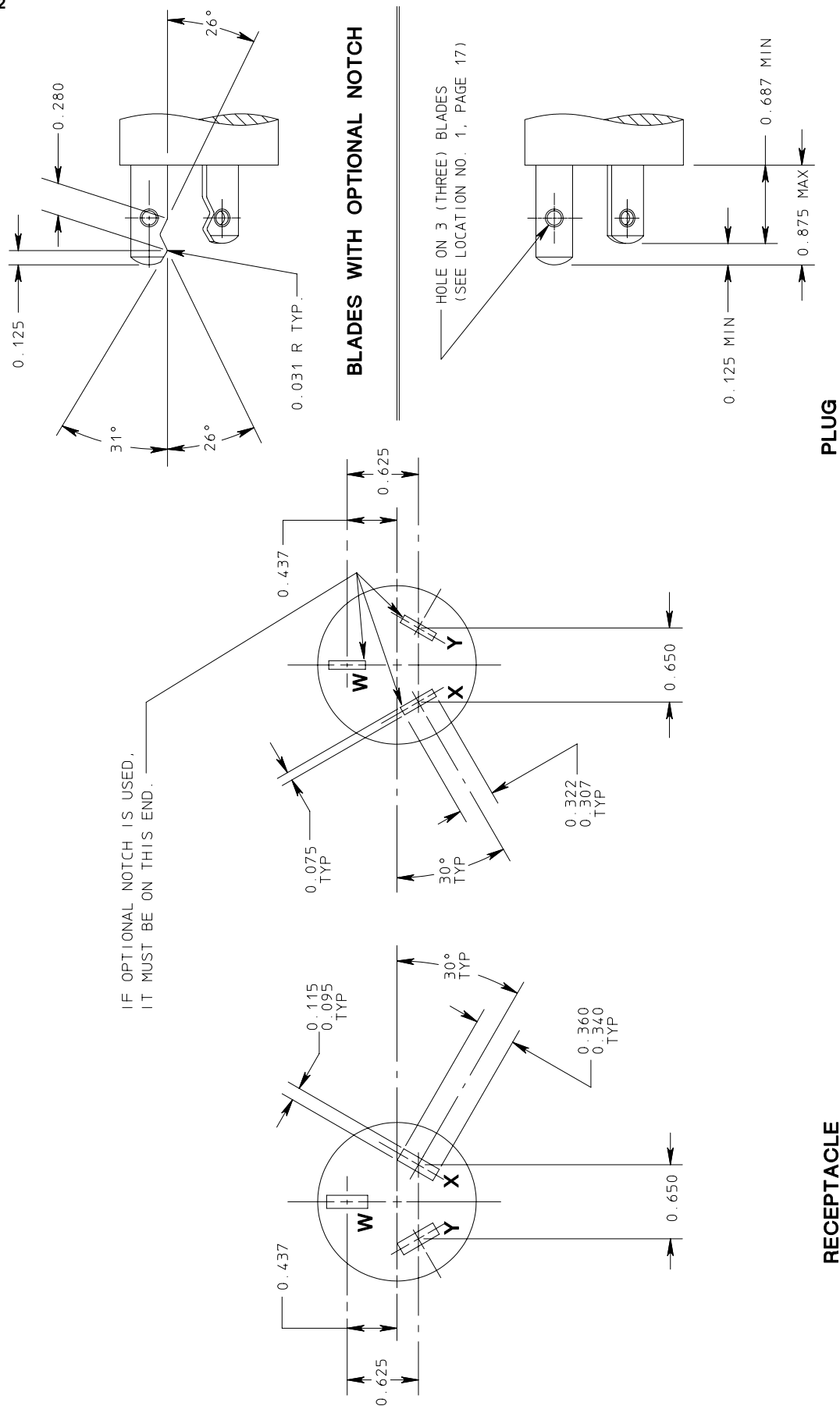


FIGURE 24-50
PLUG AND RECEPTACLE
347 volts ac, 50 amperes, 2 pole, 3 wire, Grounding type

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



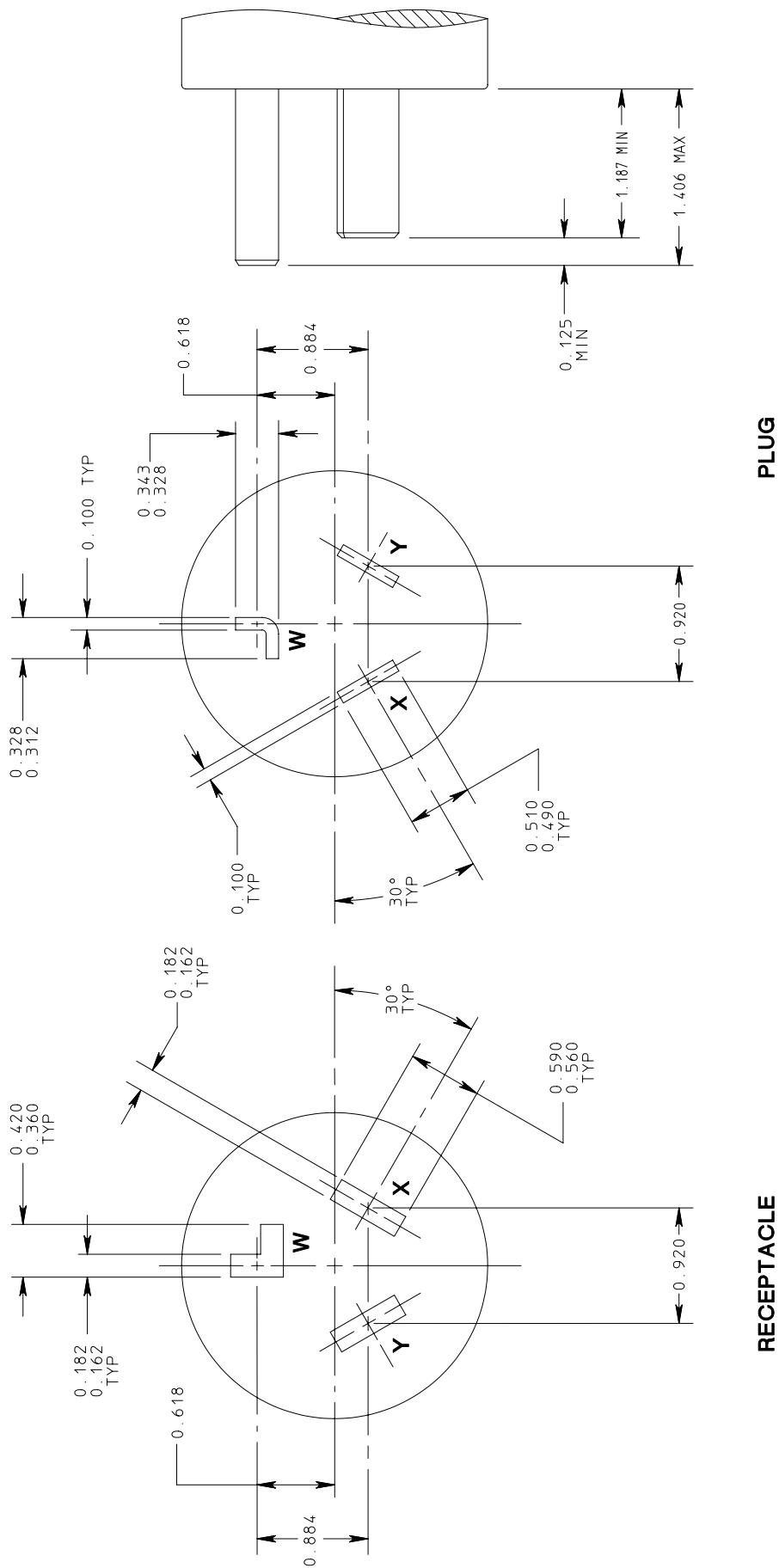
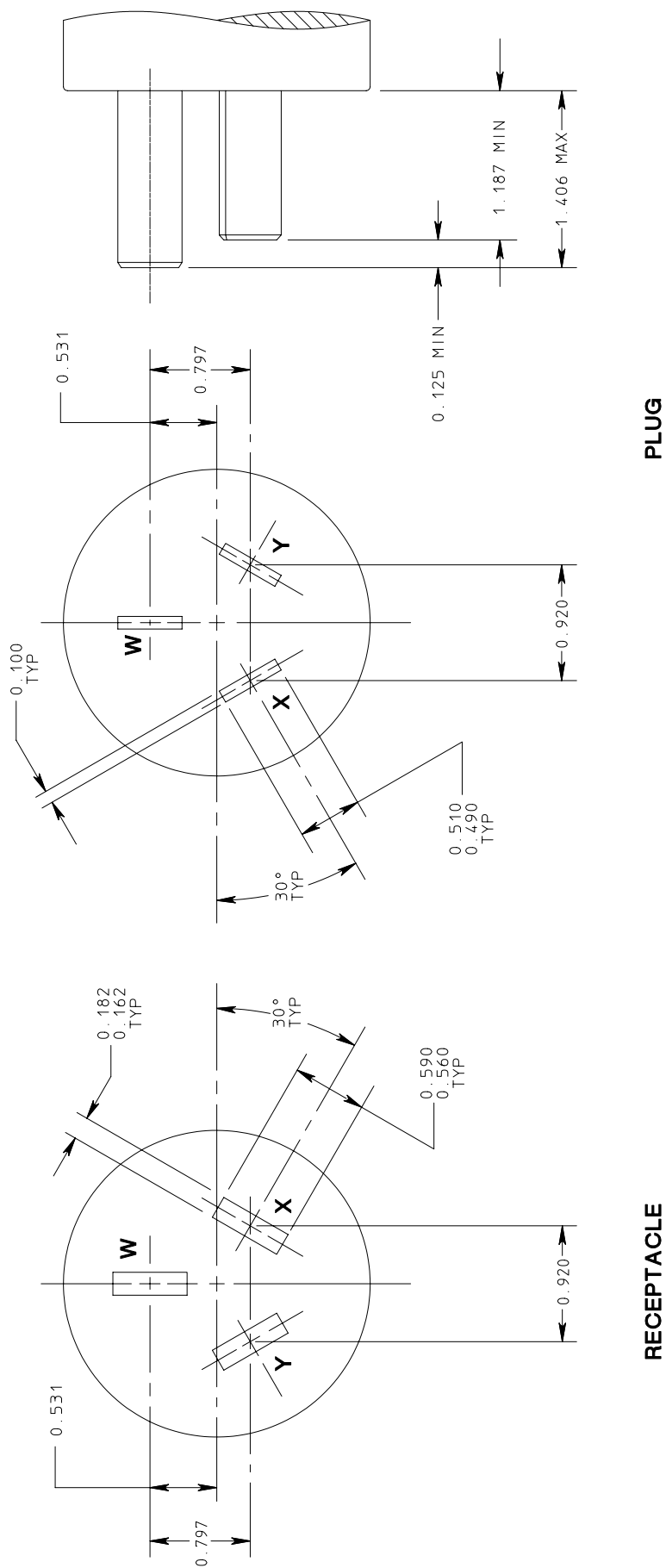


FIGURE 10-30
PLUG AND RECEPTACLE
125/250 volts, 30 amperes, 3 pole, 3 wire

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



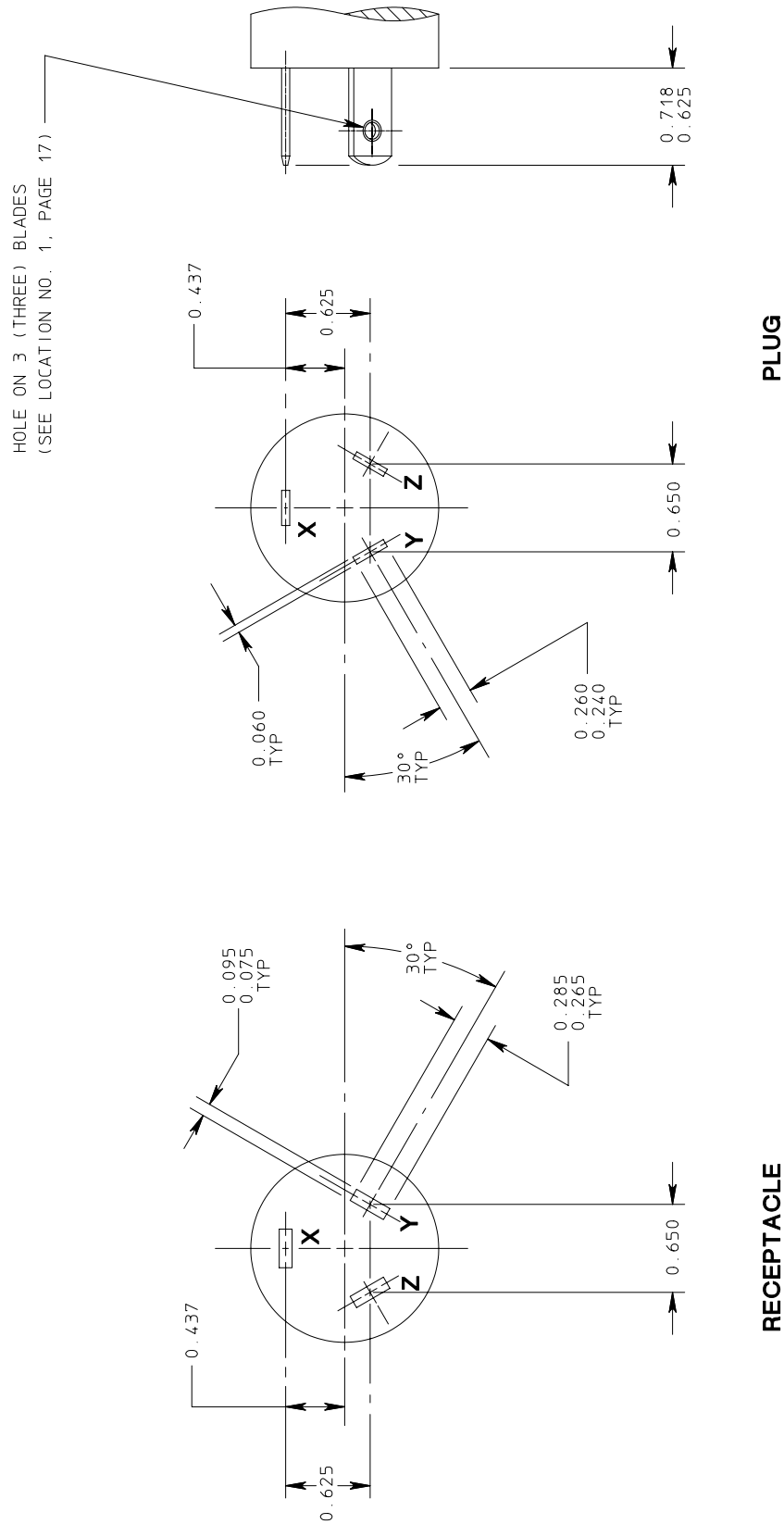
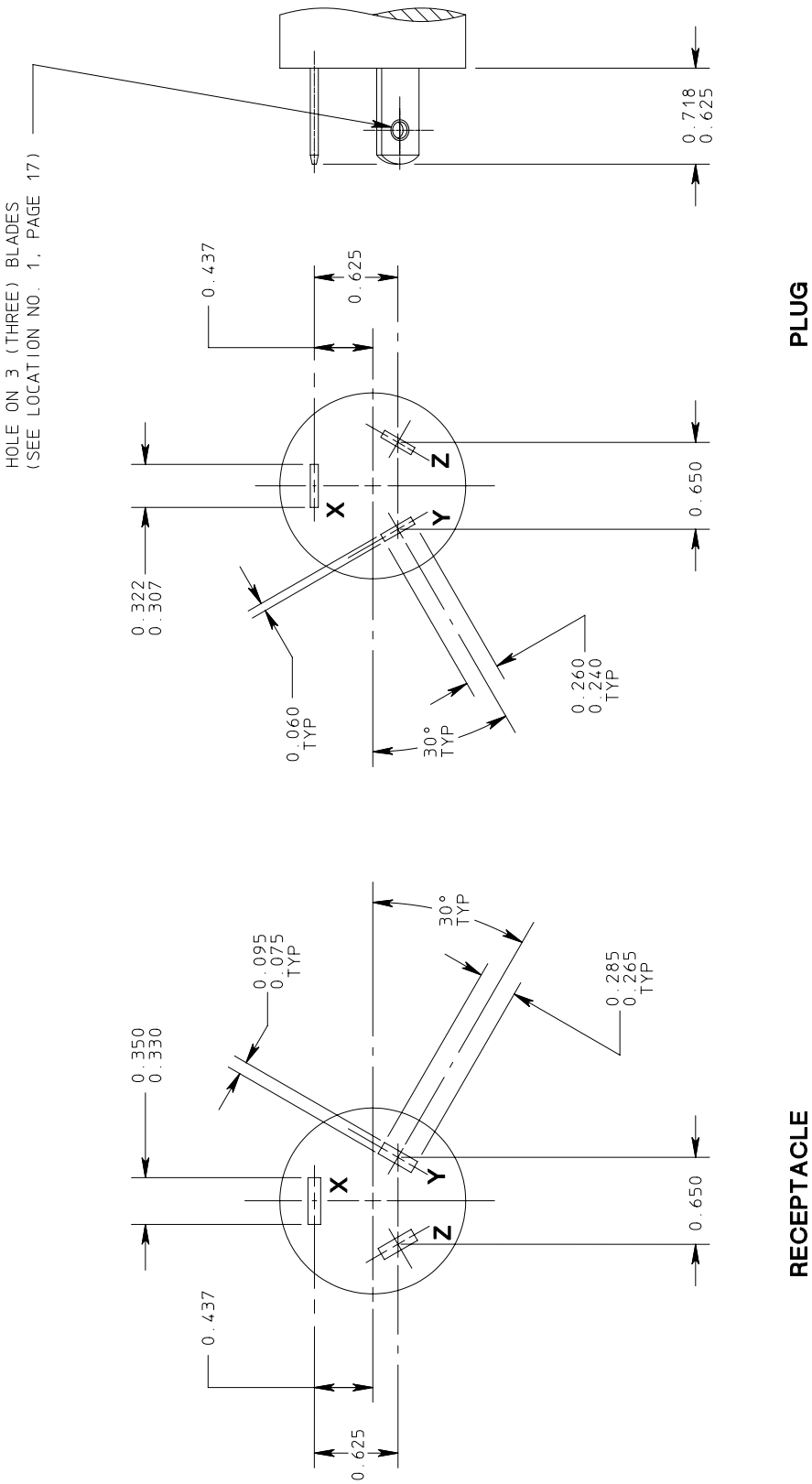
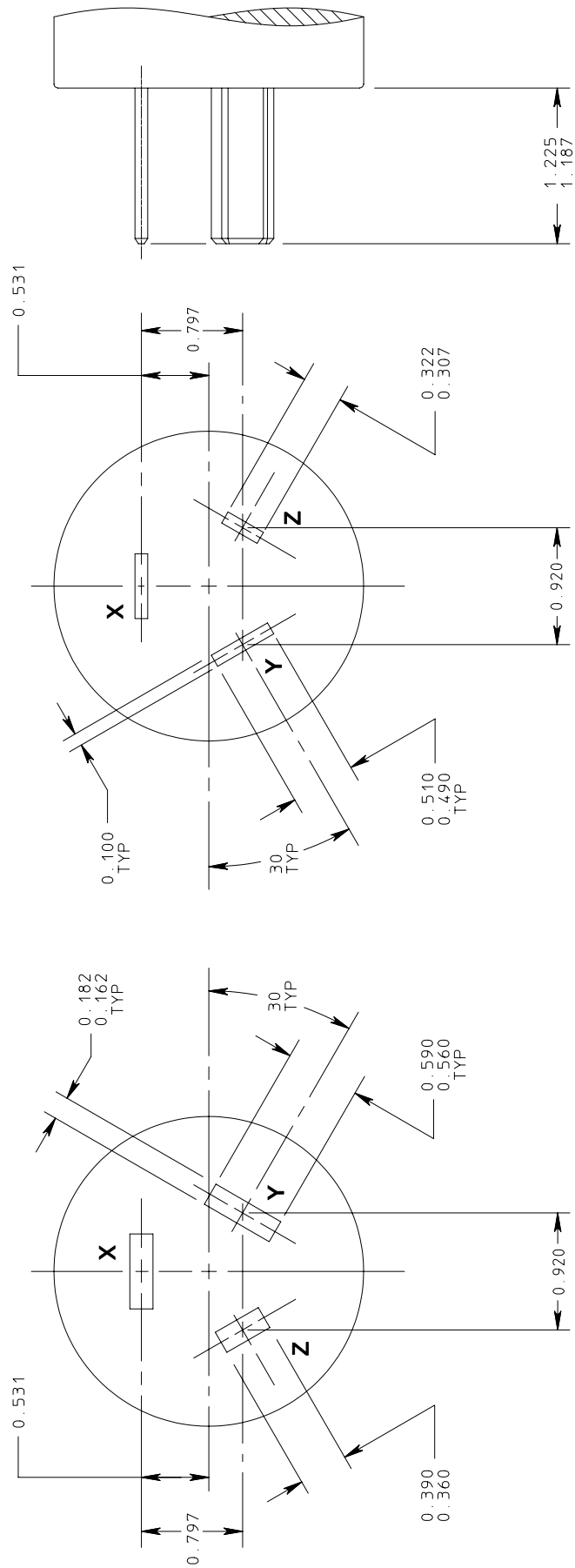


FIGURE 11-15
PLUG AND RECEPTACLE
250 volts, 15 amperes, 3 phase, 3 pole, 3 wire

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



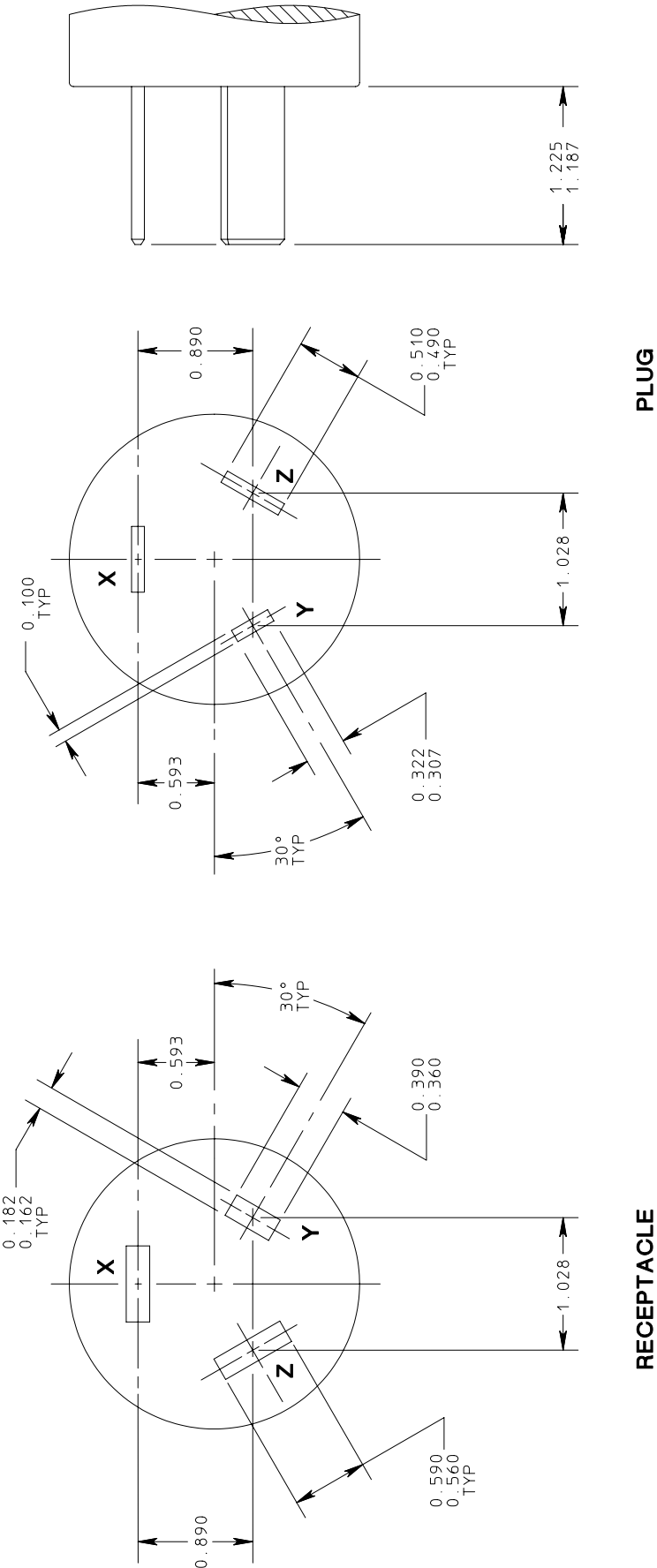


PLUG

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



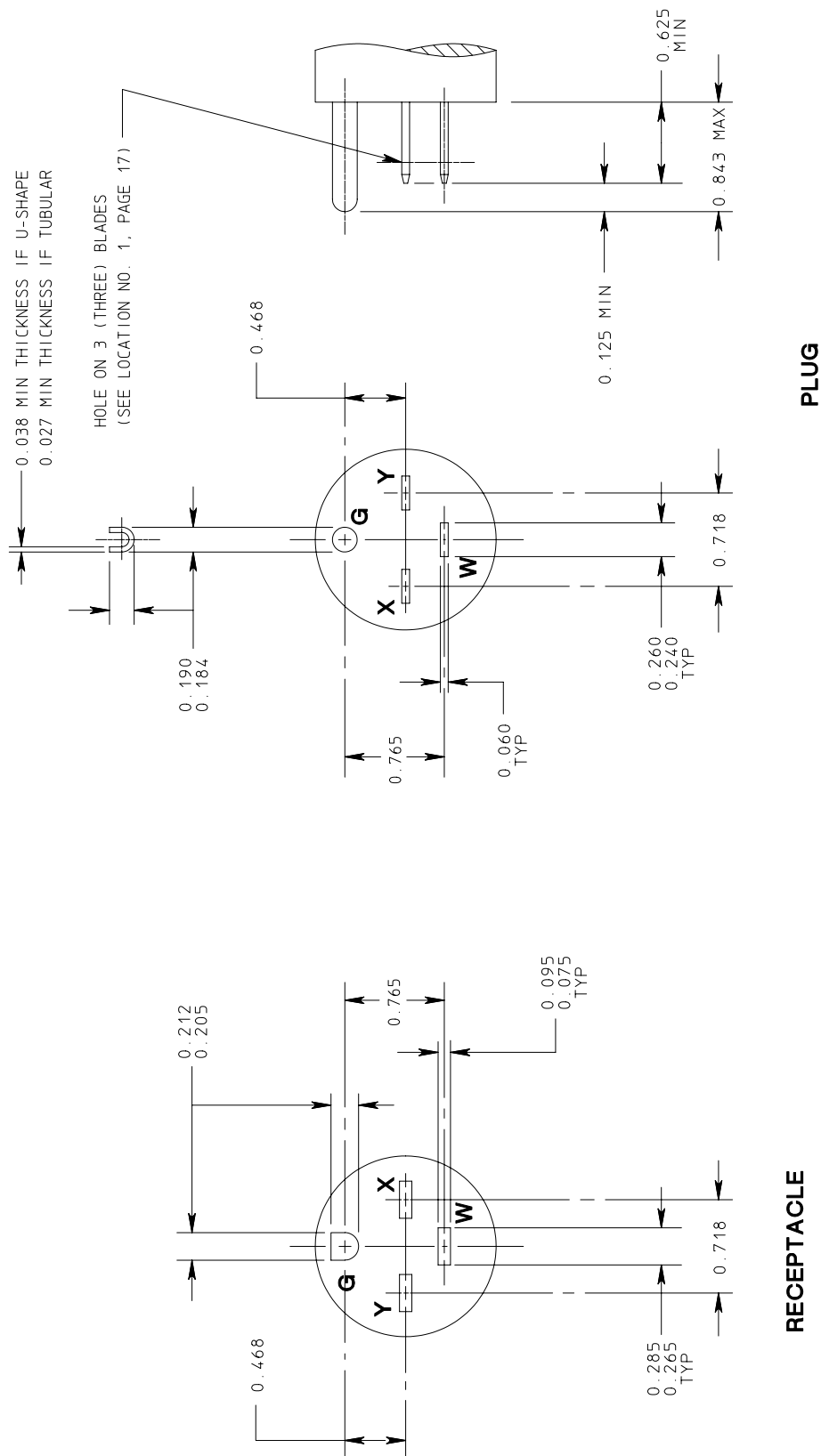
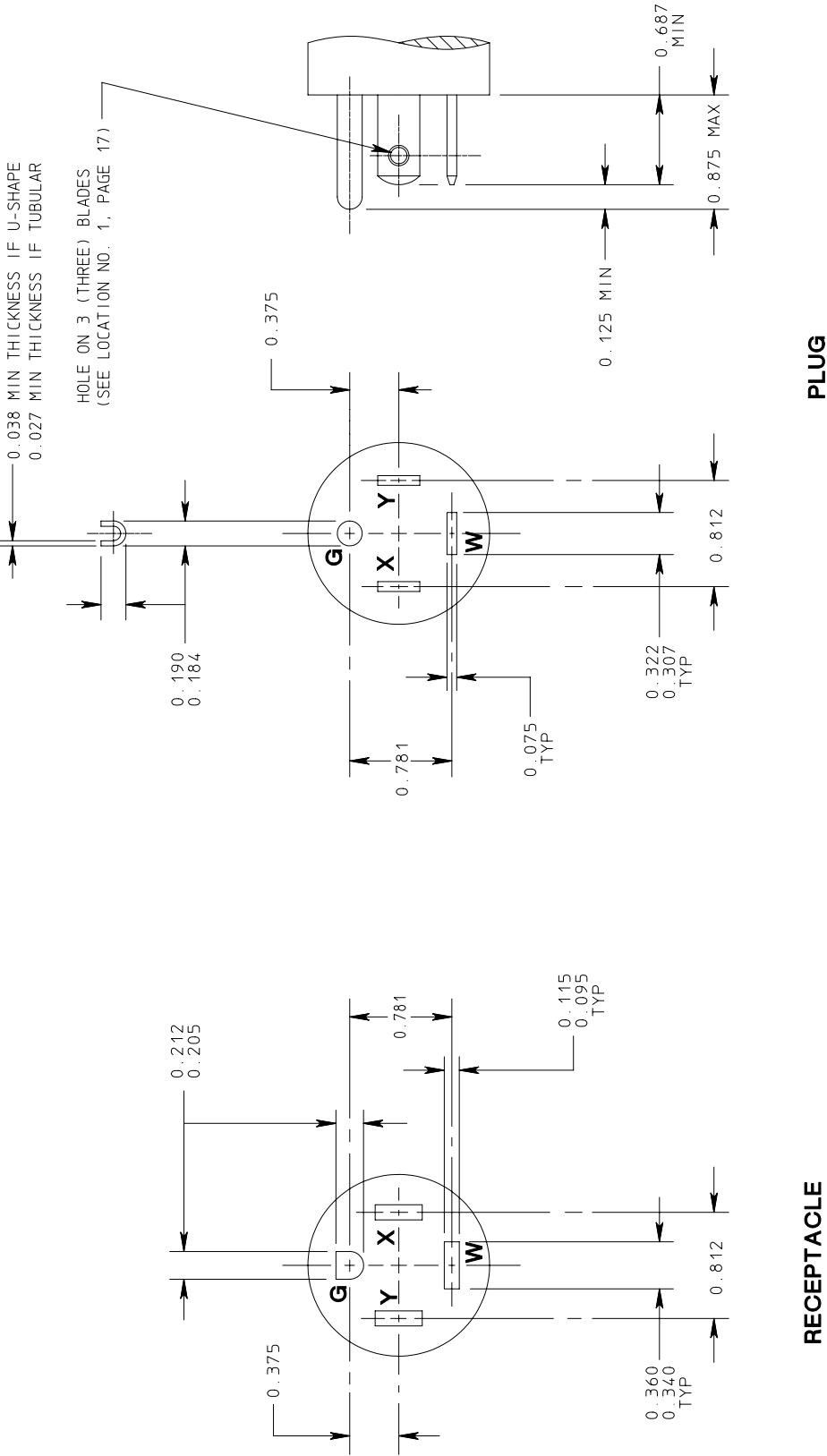


FIGURE 14-15
PLUG AND RECEPTACLE
125/250 volts, 15 amperes, 3 pole, 4 wire, Grounding type

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



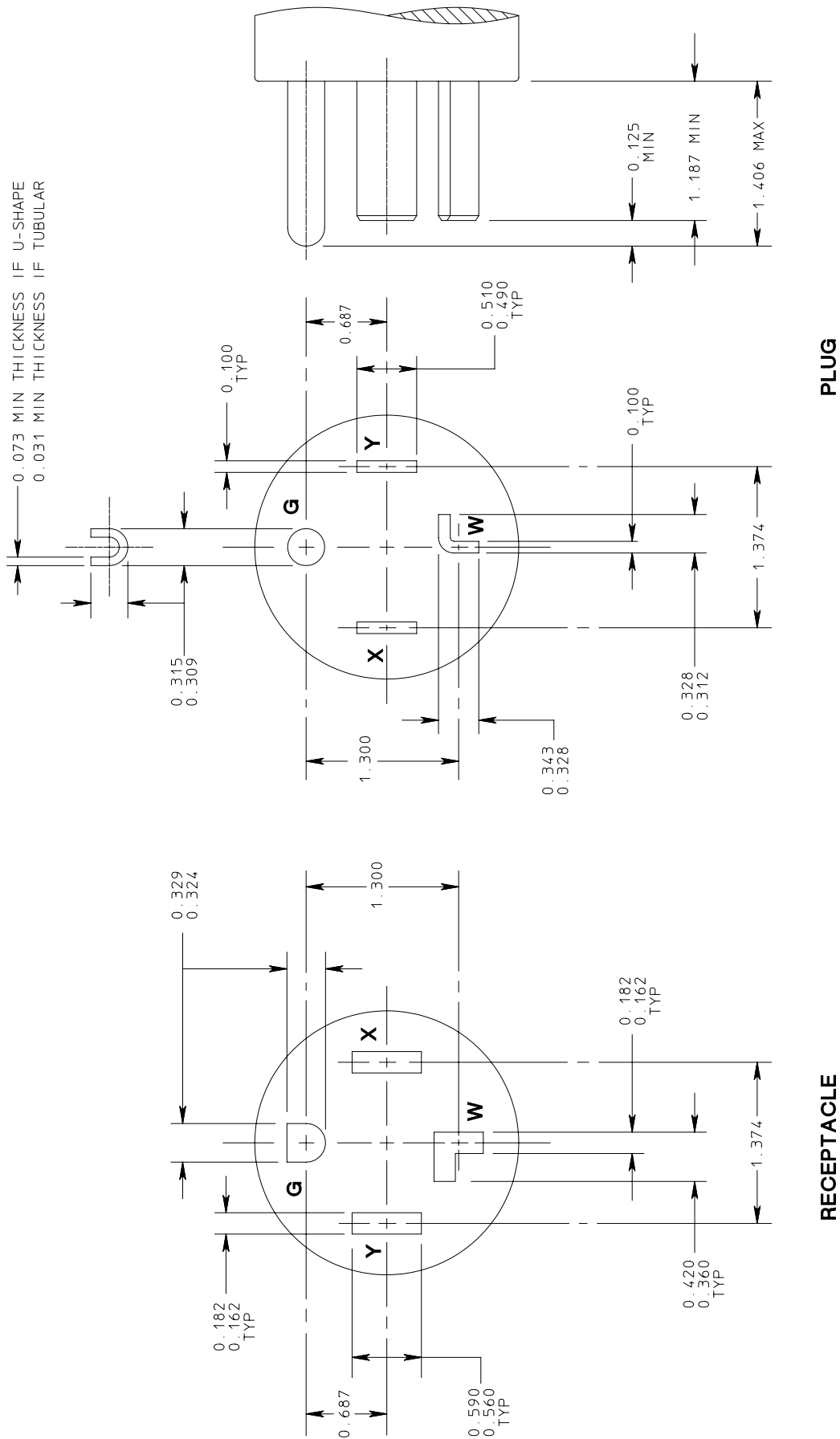
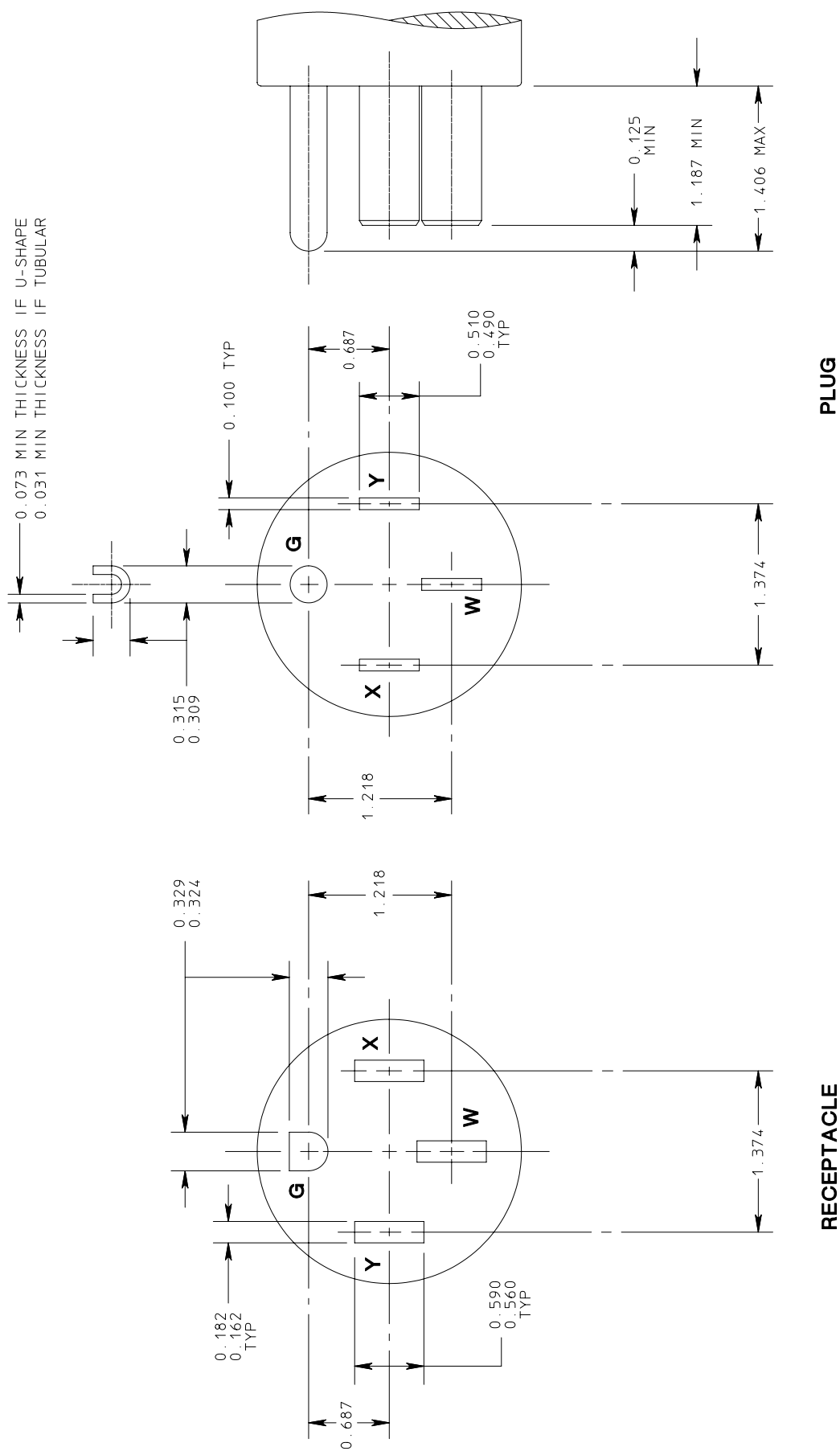


FIGURE 14-30
PLUG AND RECEPTACLE
125/250 volts, 30 amperes, 3 pole, 4 wire, Grounding type

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



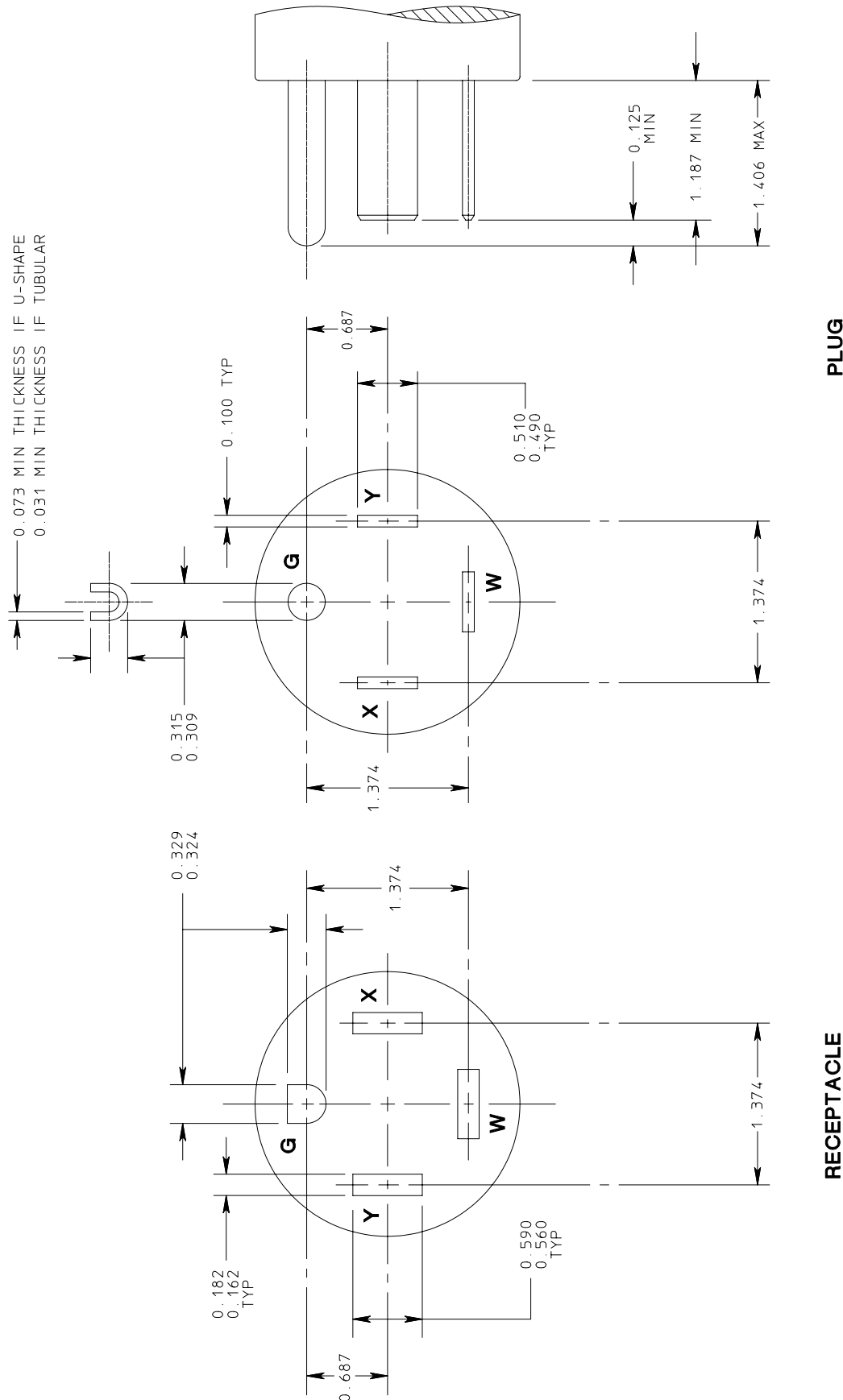
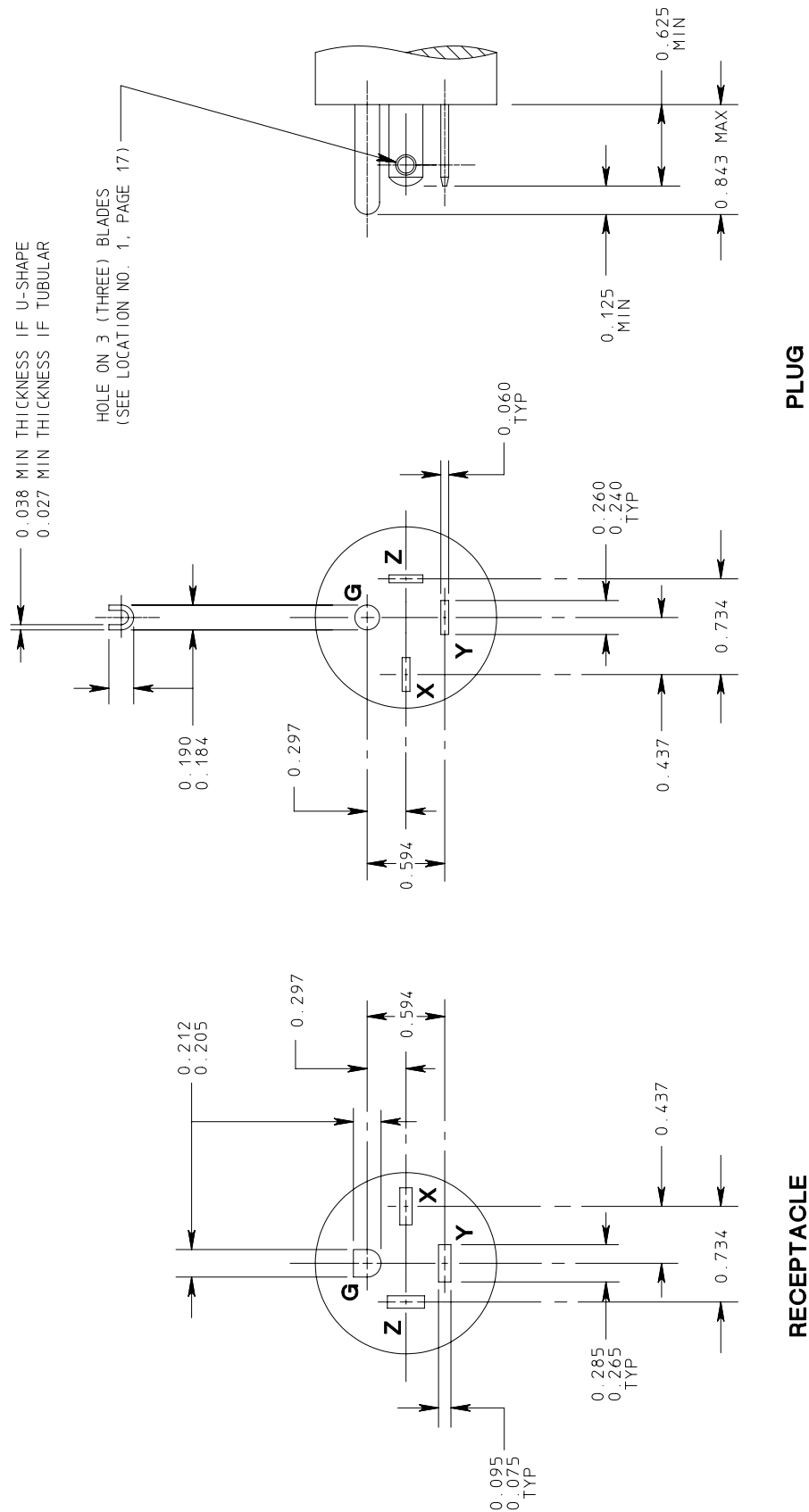


FIGURE 14-60
PLUG AND RECEPTACLE
125/250 volts, 60 amperes, 3 pole, 4 wire, Grounding type

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



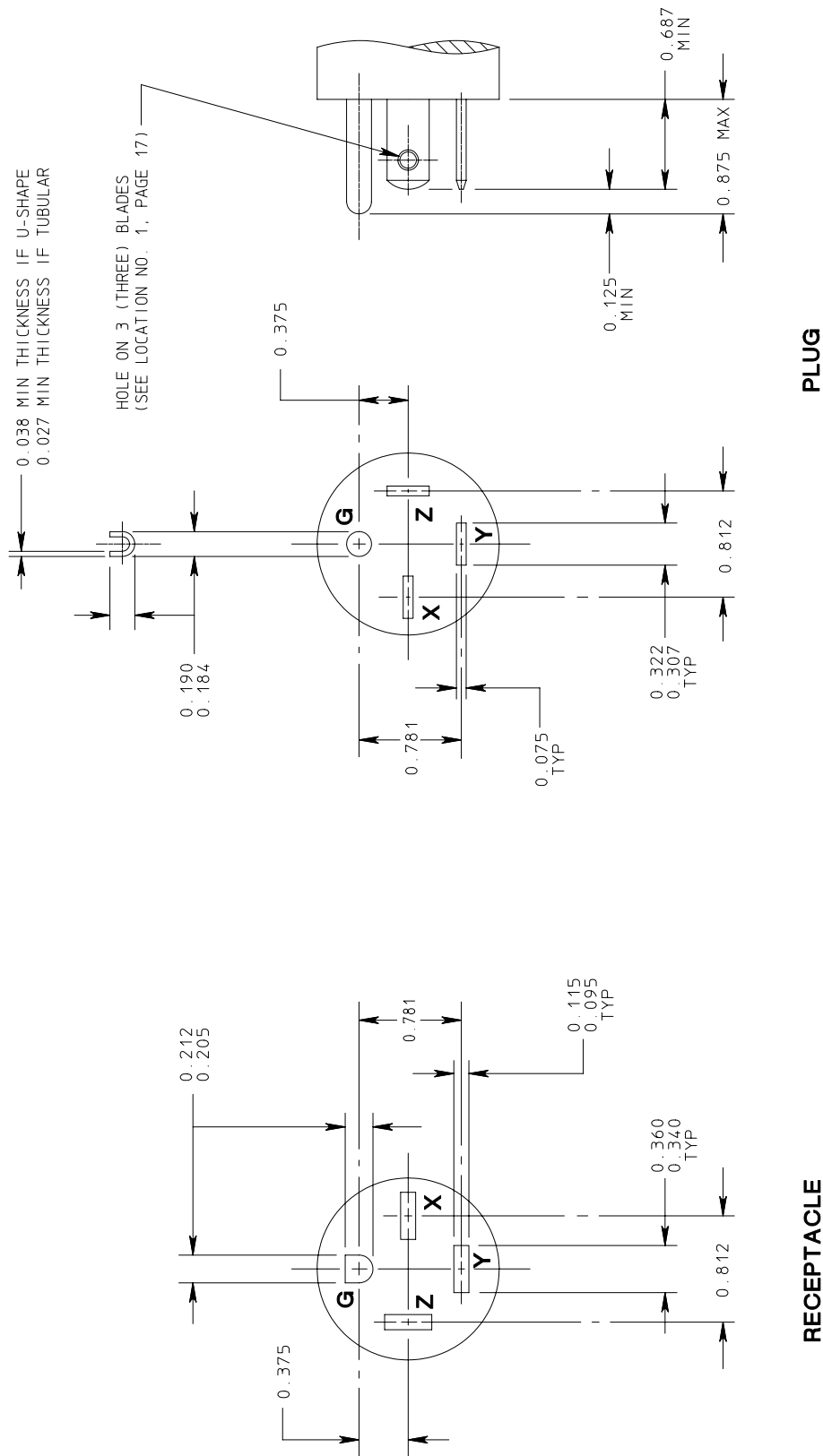
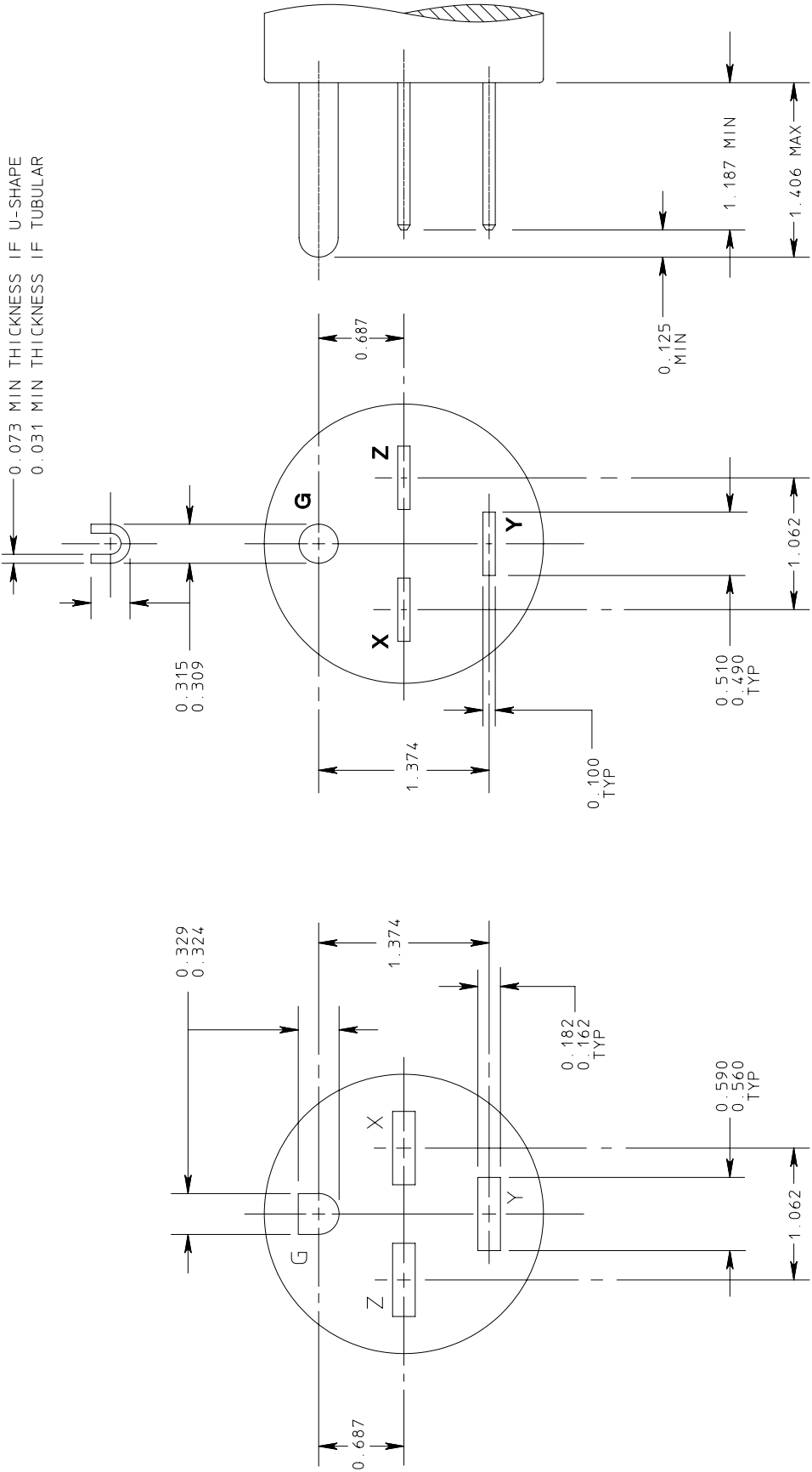


FIGURE 15-20
PLUG AND RECEPTACLE
250 volts, 20 amperes, 3 phase, 3 pole, 4 wire, Grounding type

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



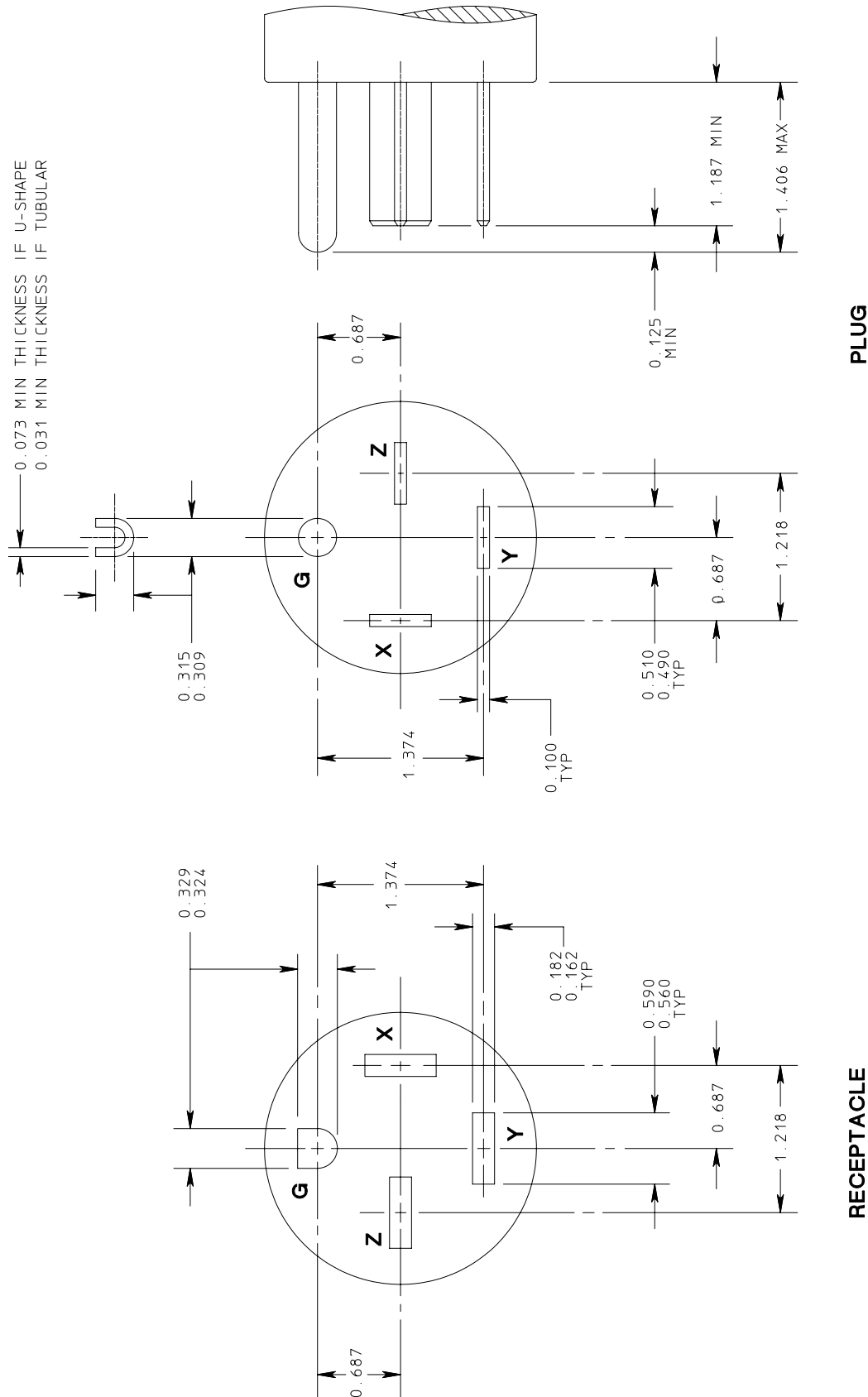
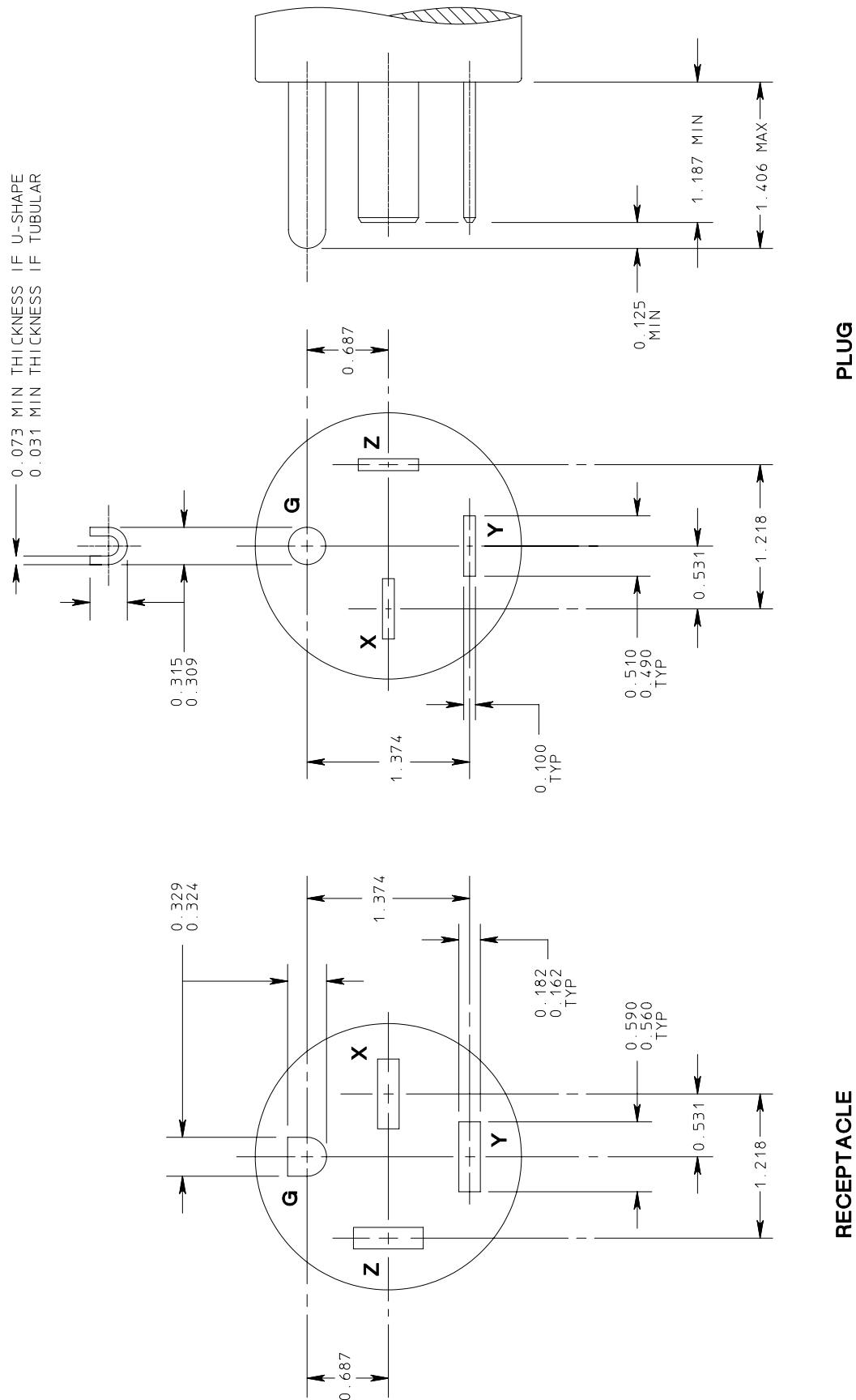
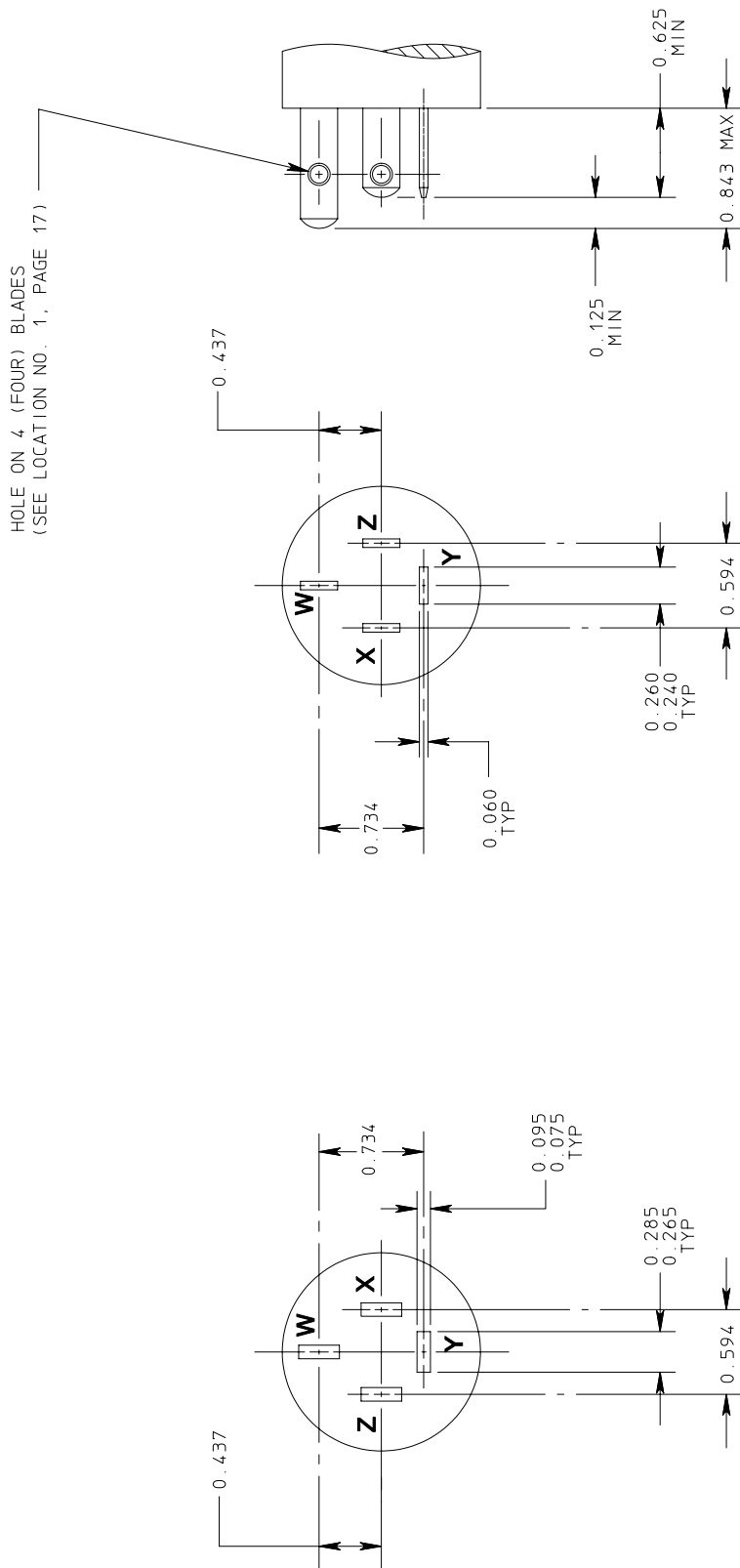


FIGURE 15-50
PLUG AND RECEPTACLE
250 volts, 50 amperes, 3 phase, 3 pole, 4 wire, Grounding type

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



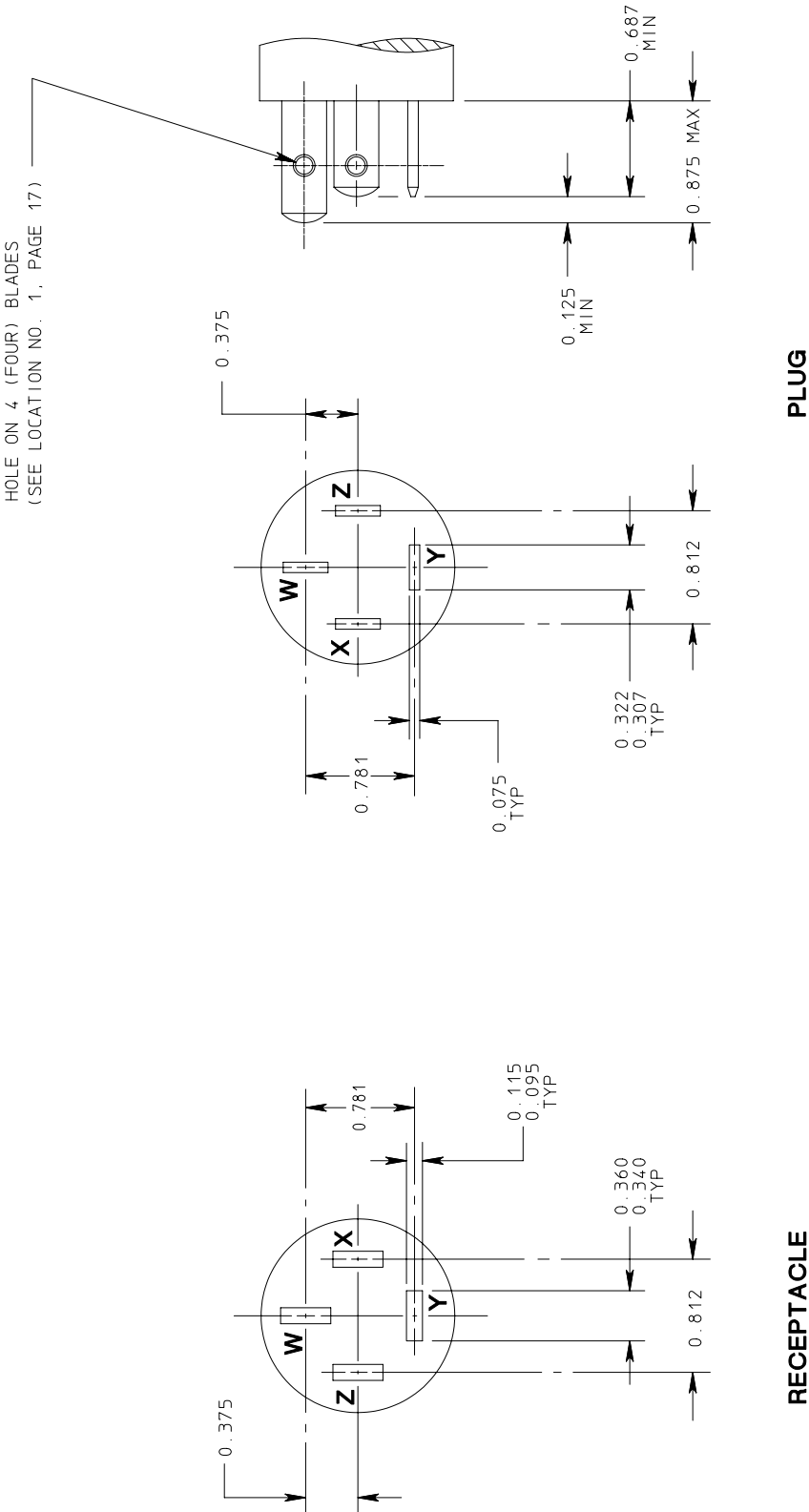


PLUG

RECEPTACLE

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



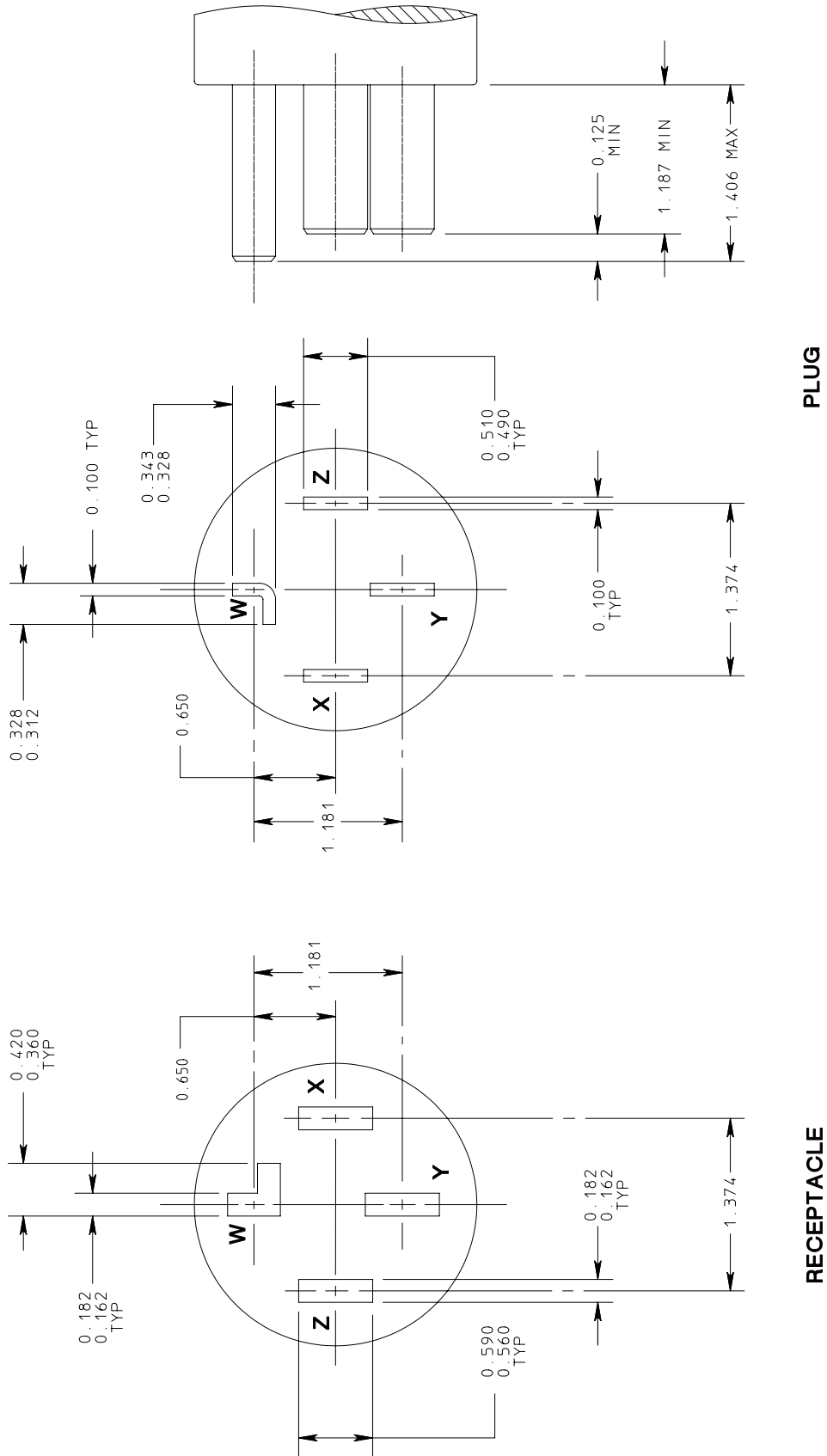
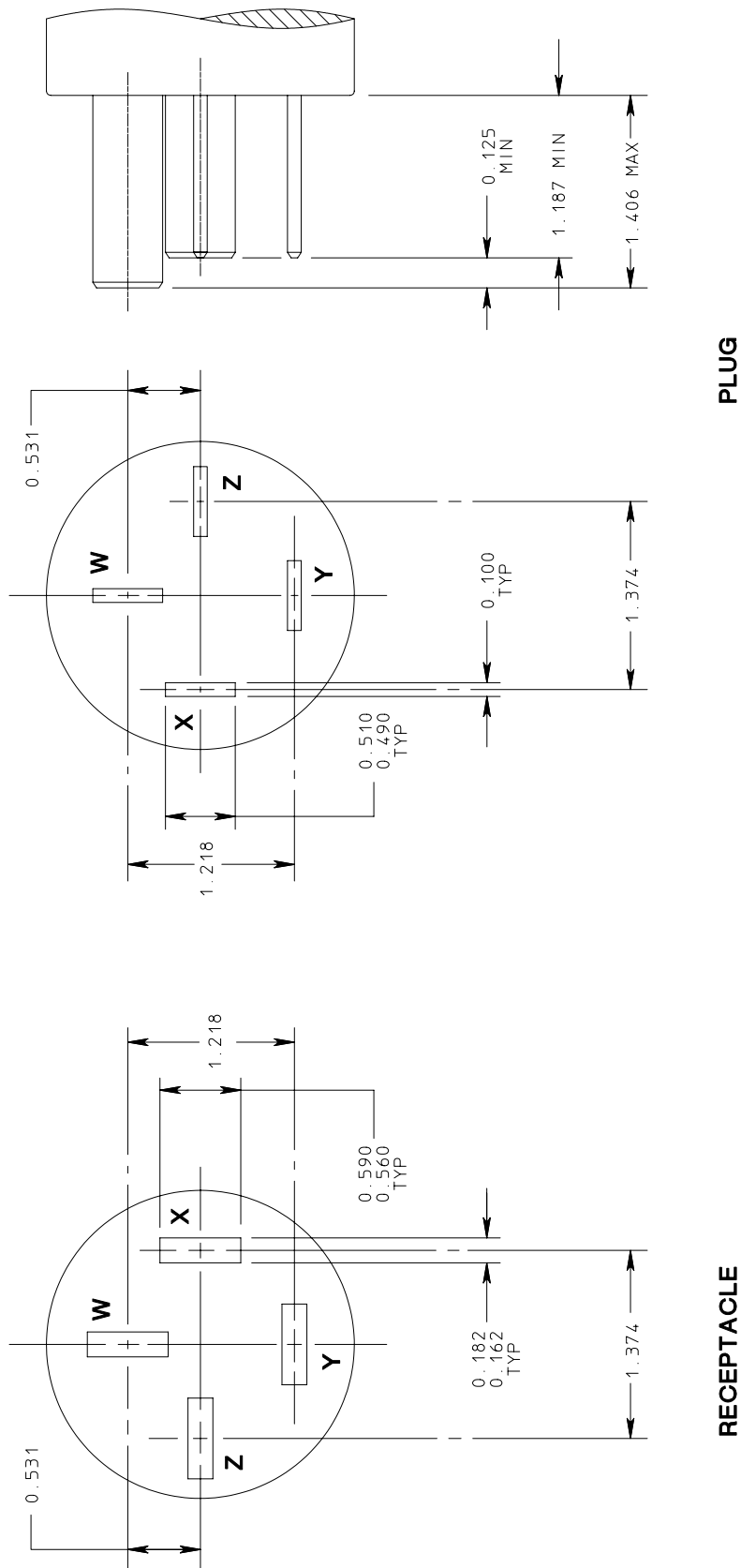


FIGURE 18-30
PLUG AND RECEPTACLE
120/208 volts, 30 amperes, 3 phase Y, 4 pole, 4 wire

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



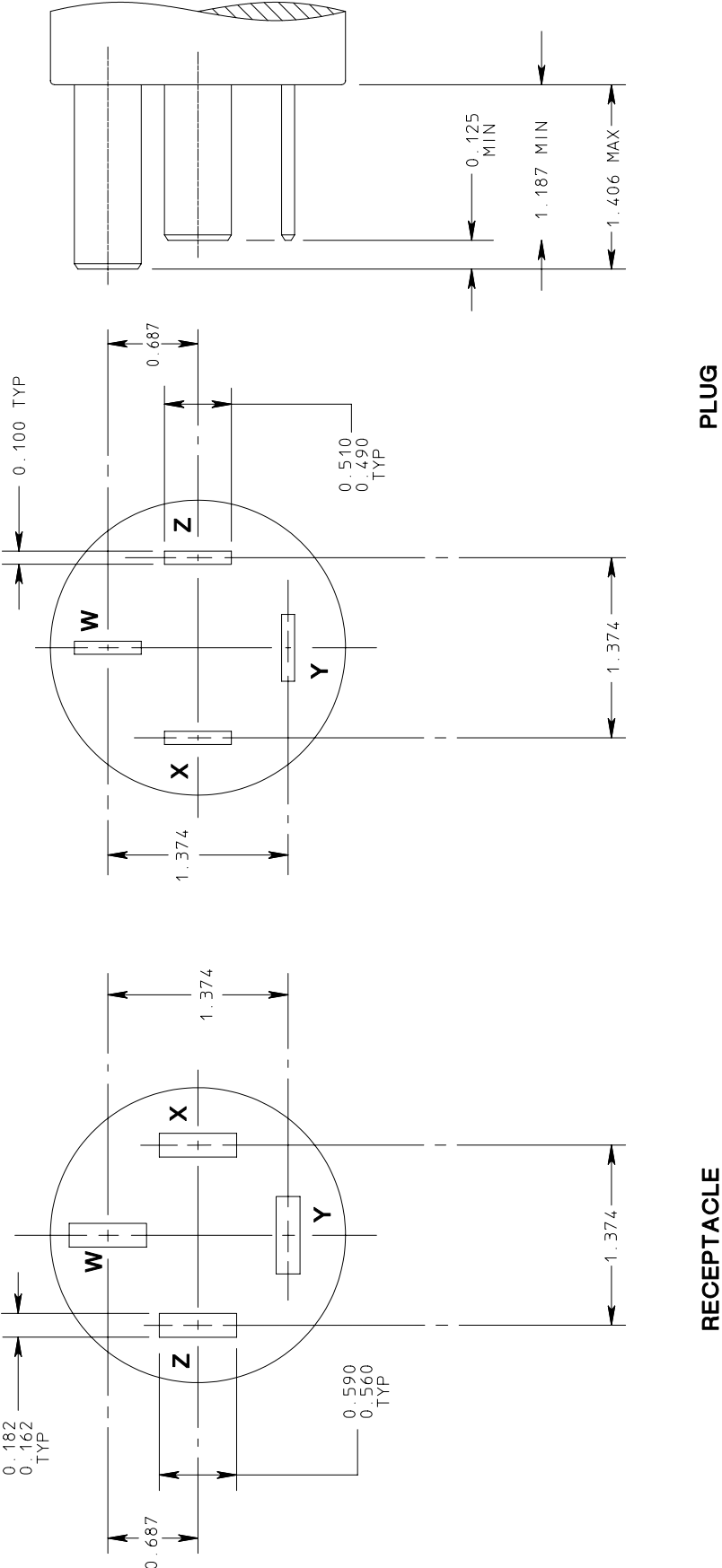
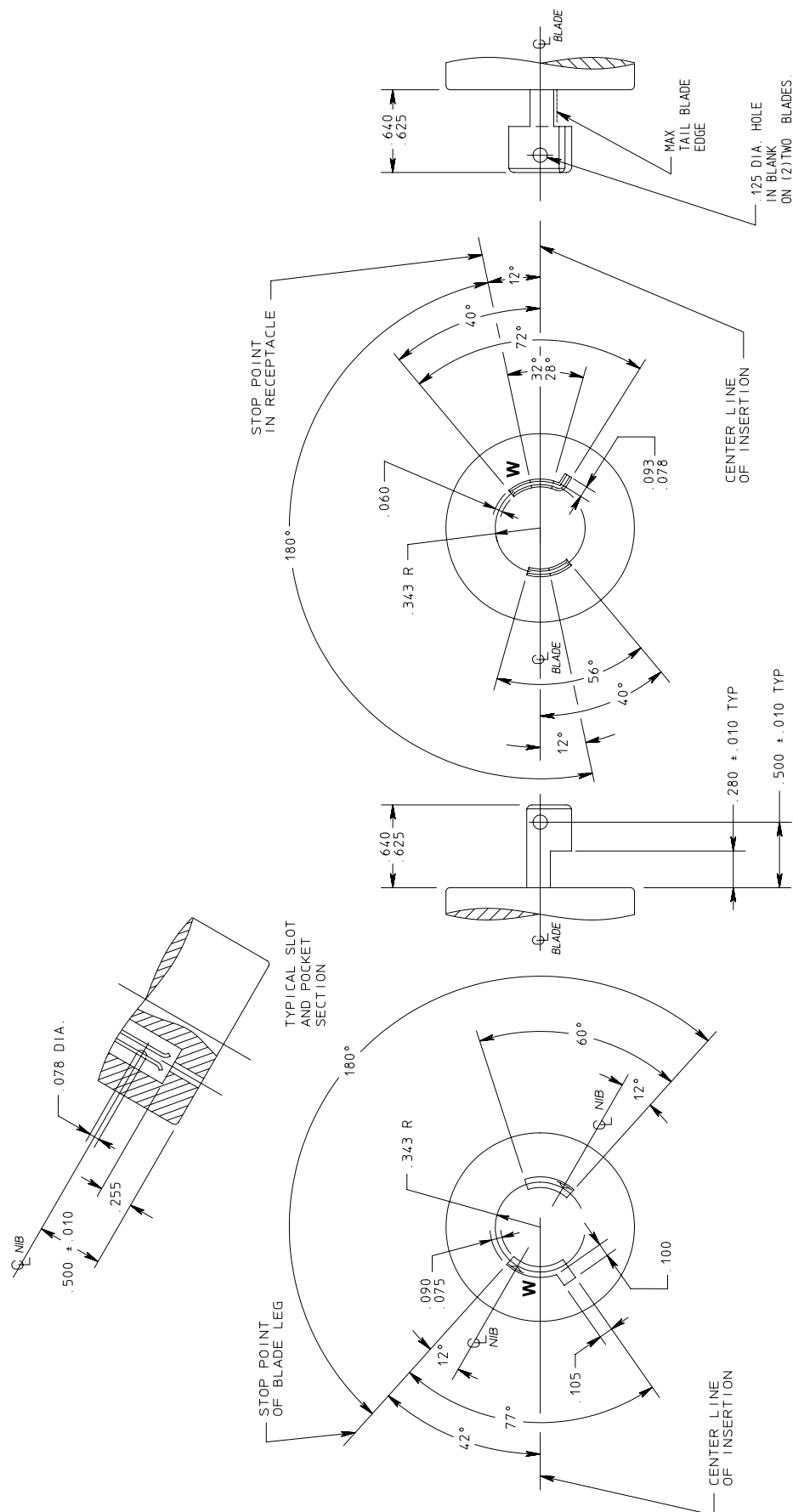


FIGURE 18-60
PLUG AND RECEPTACLE
120/208 volts, 60 amperes, 3 phase Y, 4 pole, 4 wire

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



PLUG

RECEPTACLE

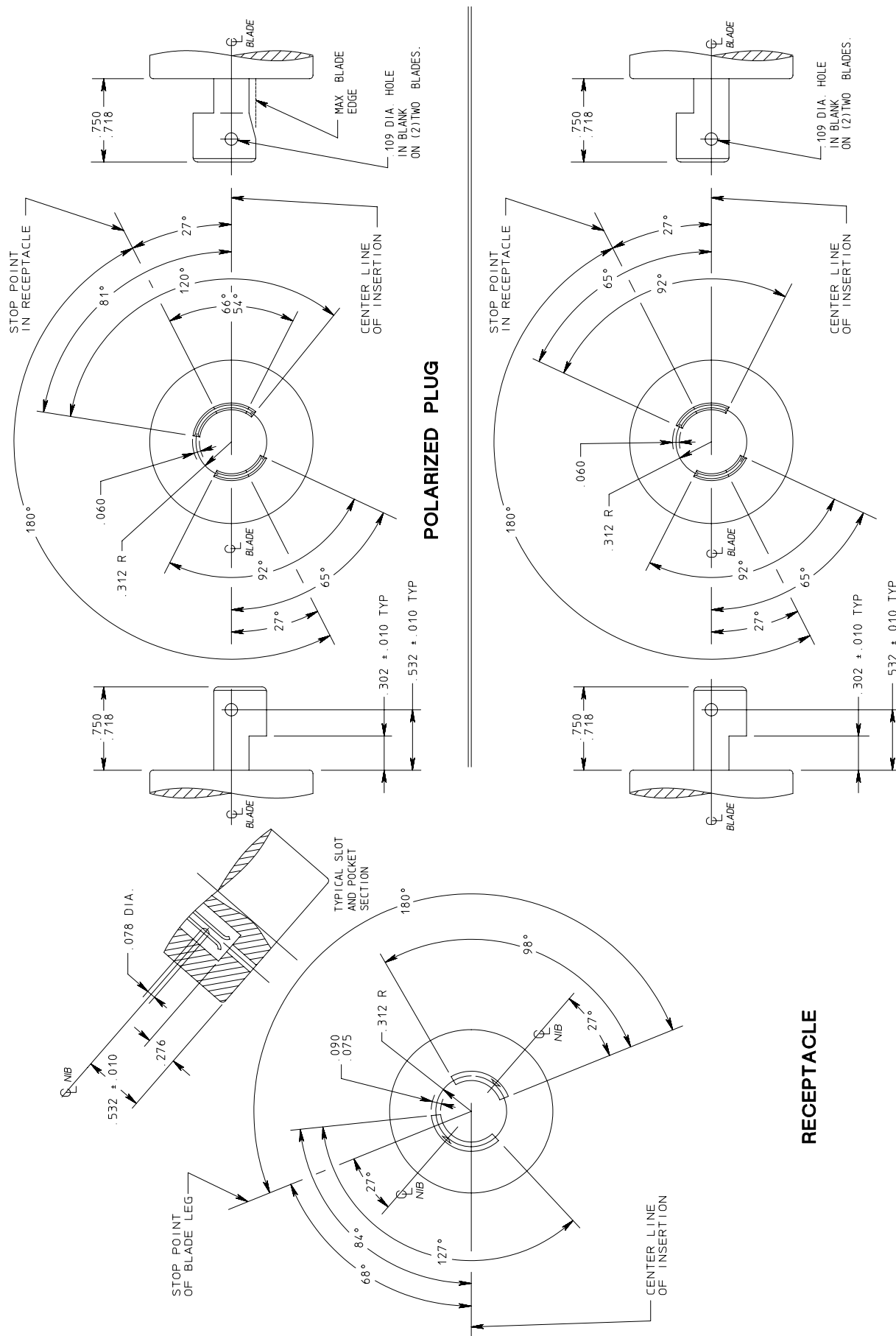
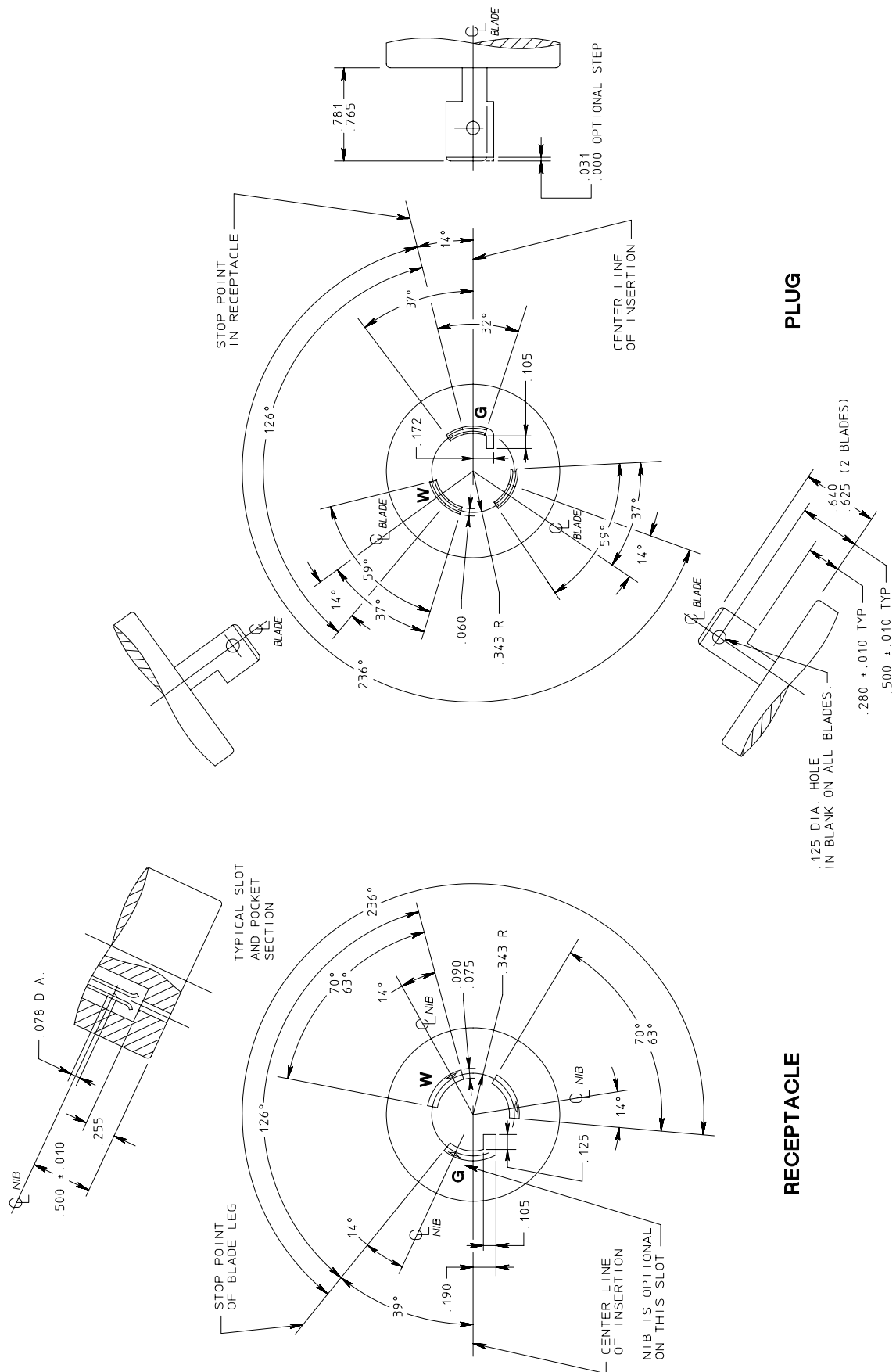


FIGURE L2-20
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 20 amperes, 2 pole, 2 wire

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



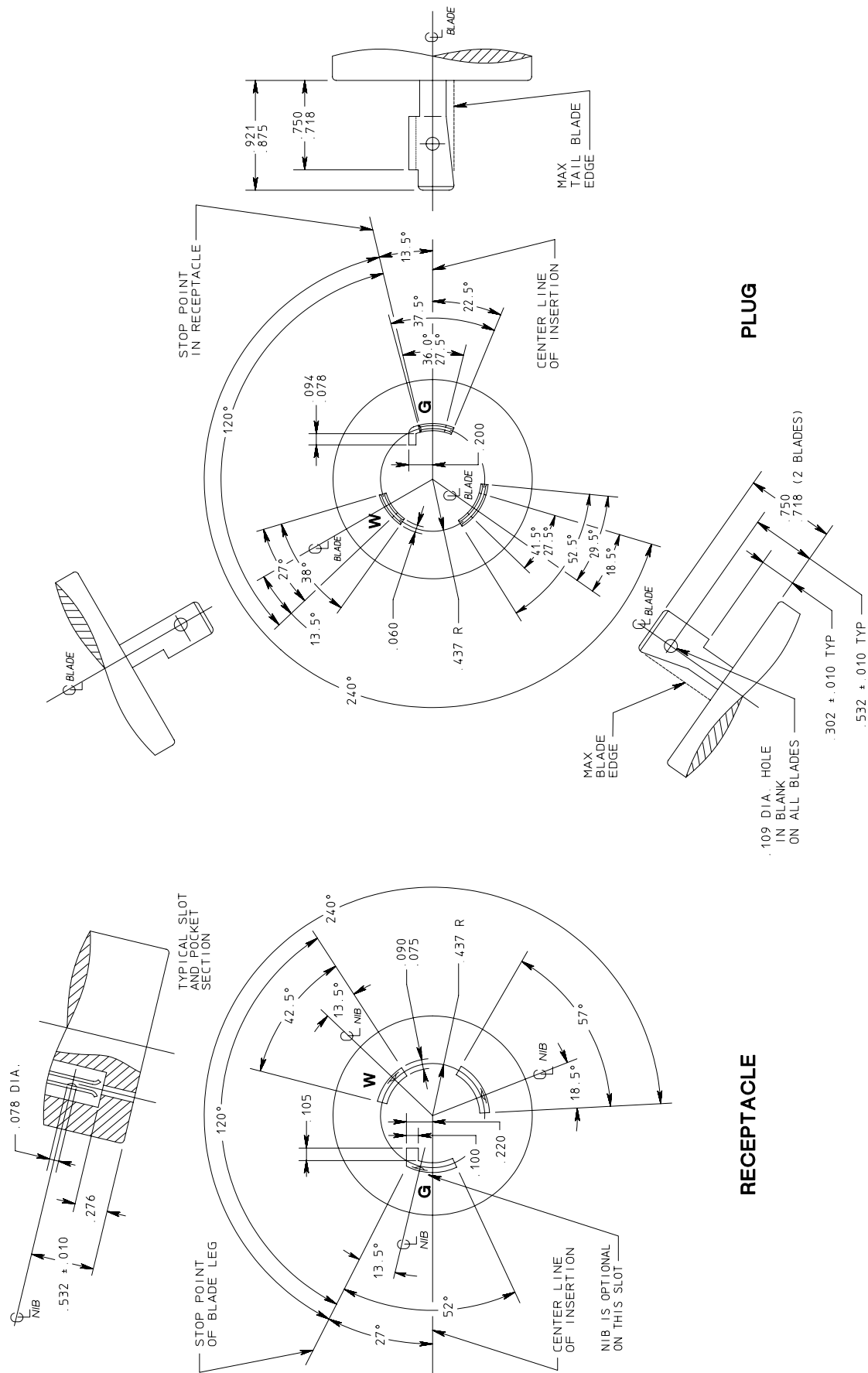


FIGURE L5-20
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 20 amperes, 2 pole, 3 wire, Grounding type

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

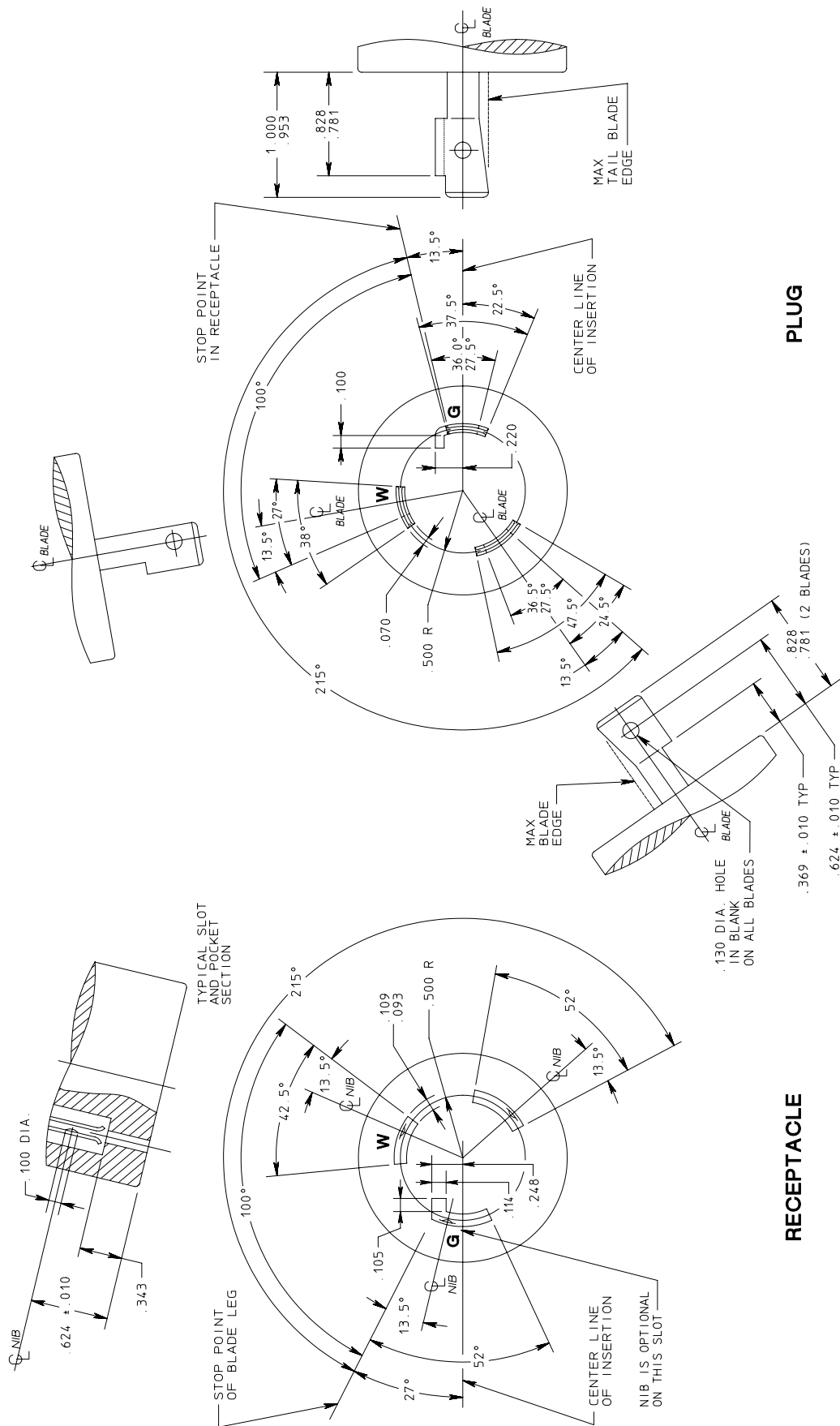
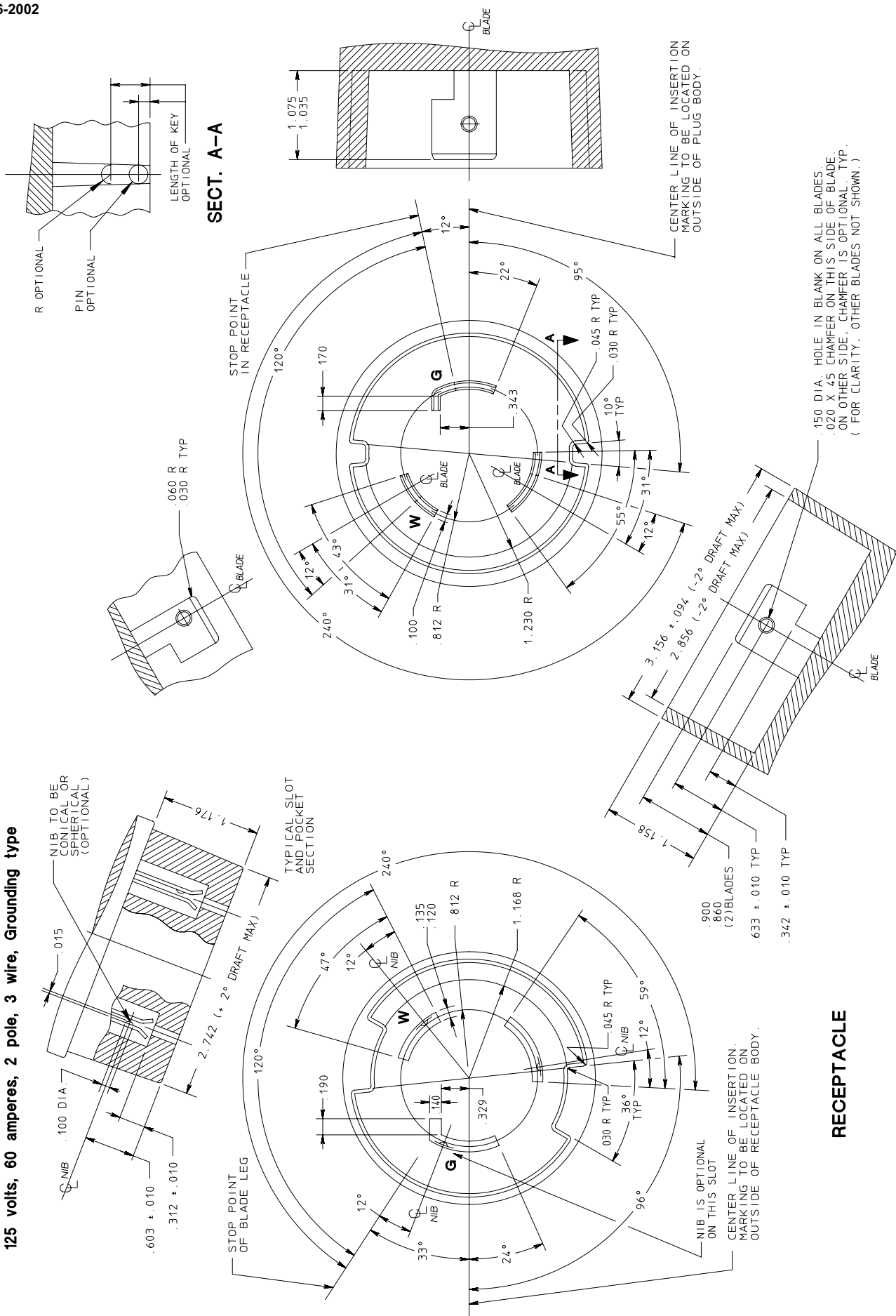




FIGURE L5-60
LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 60 amperes, 2 pole, 3 wire, Grounding type



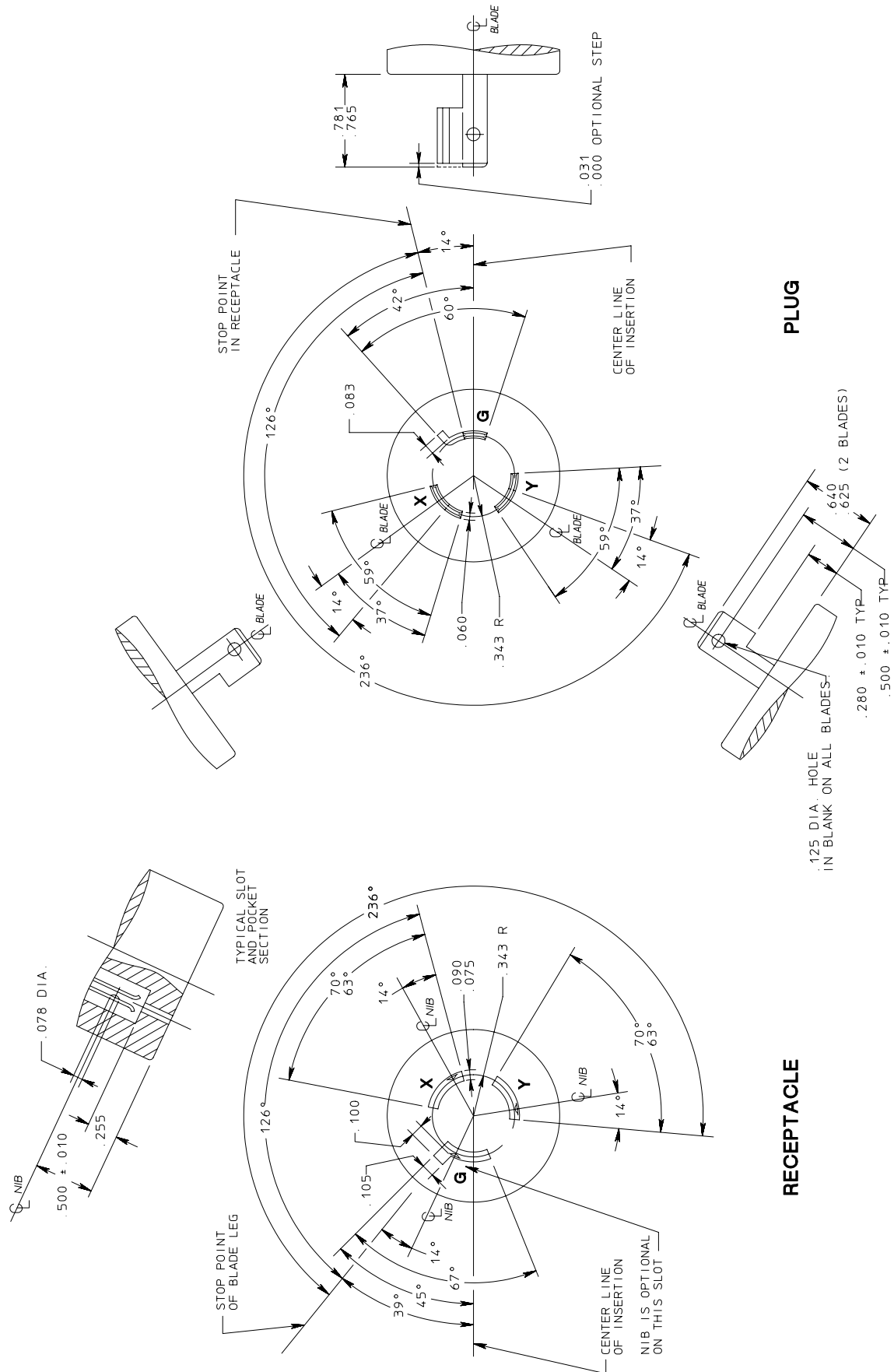
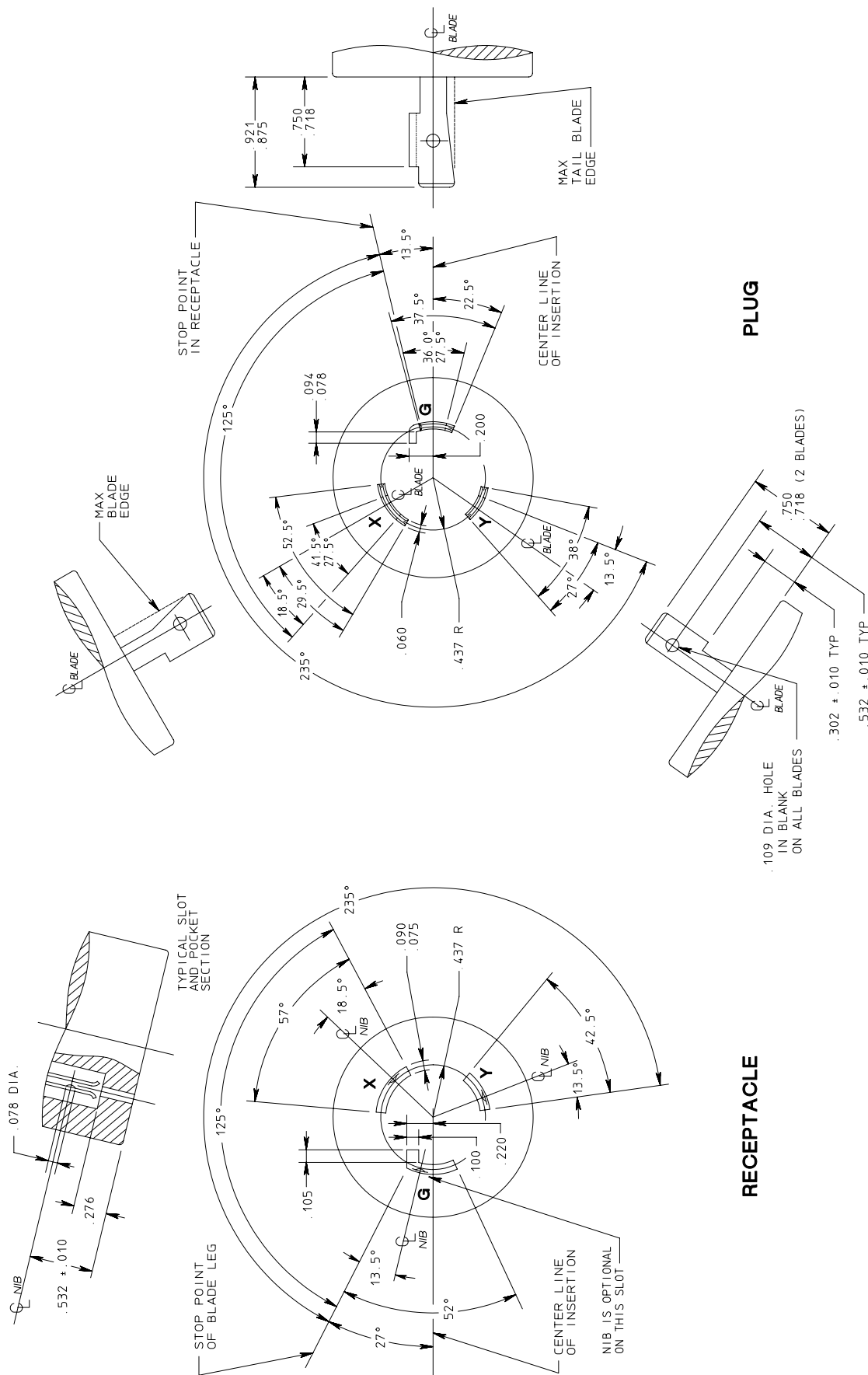


FIGURE L6-15
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 15 amperes, 2 pole, 3 wire, Grounding type

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



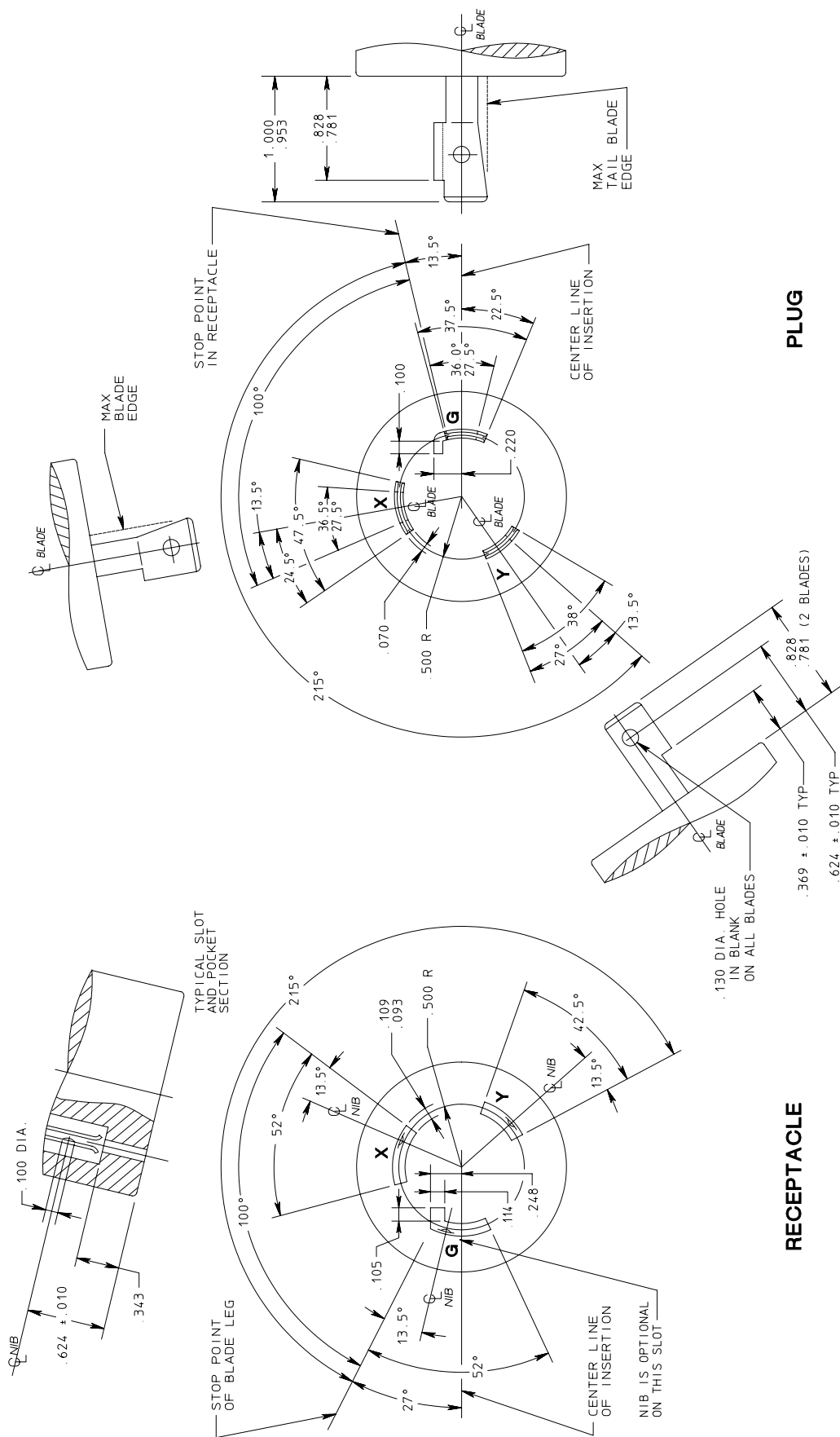


FIGURE L6-30
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 30 amperes, 2 pole, 3 wire, Grounding type

250 volts, 50 amperes, 2 pole, 3 wire, Grounding type



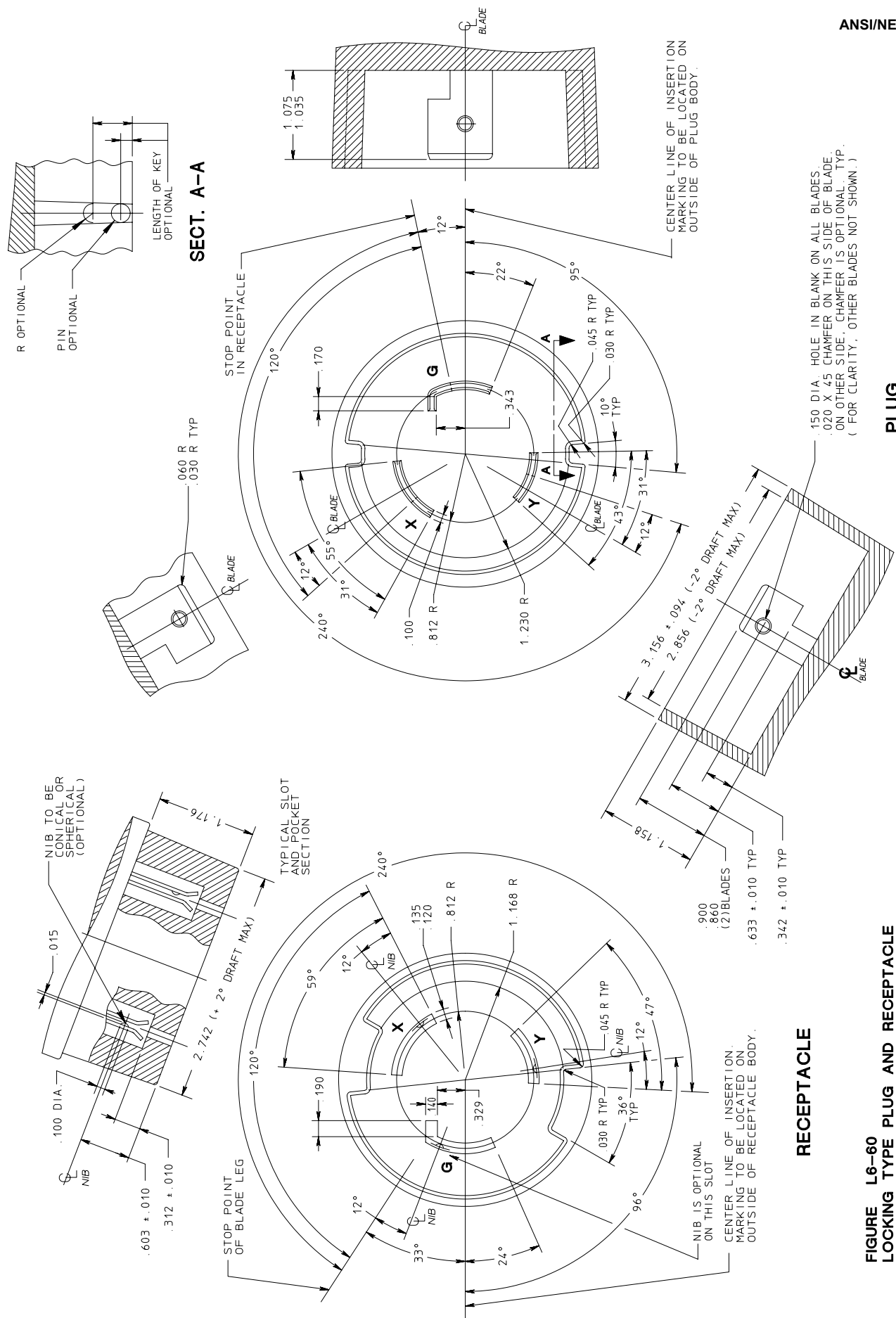
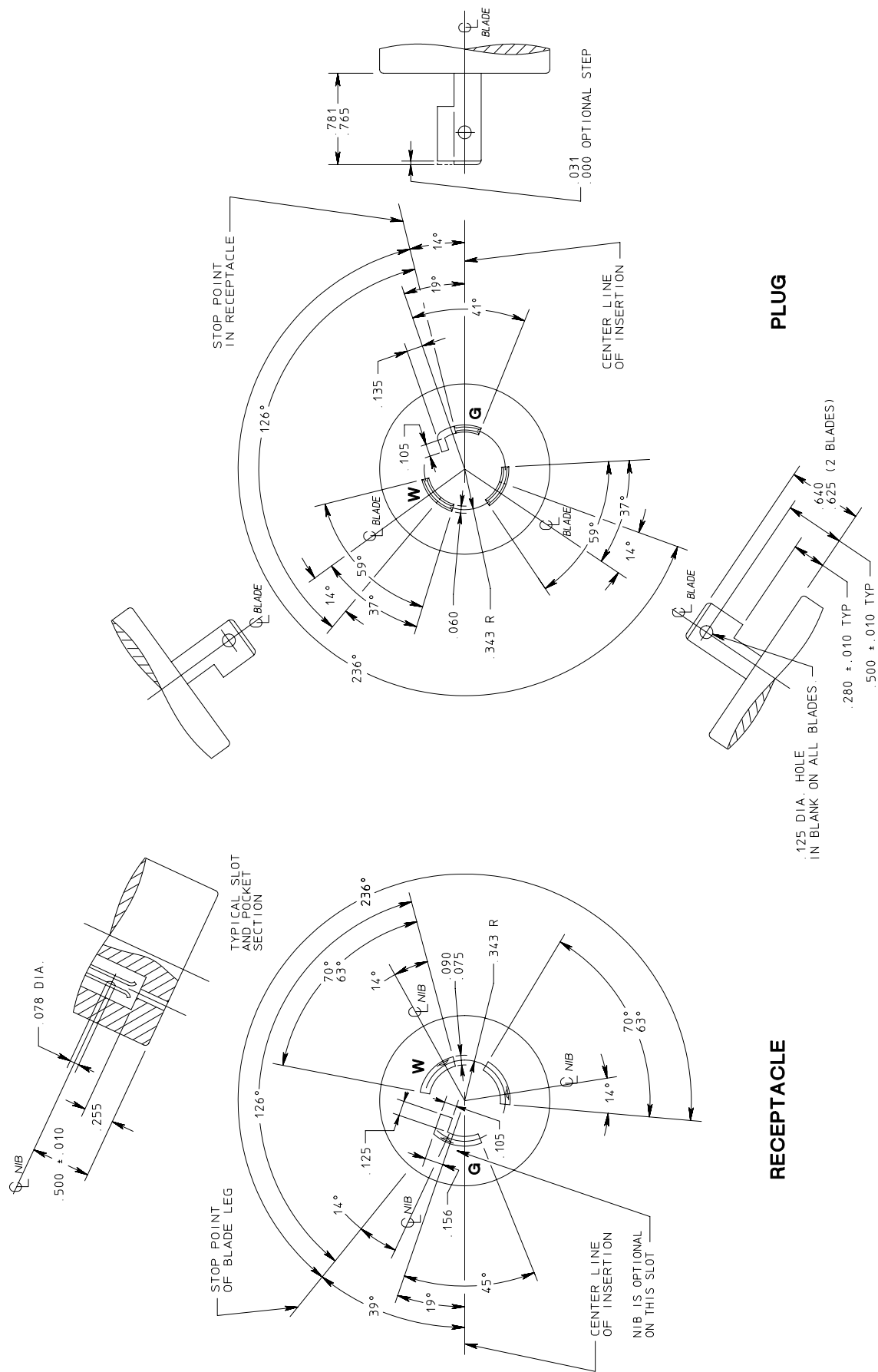


FIGURE L6-60
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 60 amperes, 2 pole, 3 wire, Grounding type

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





277 volts AC, 20 amperes, 2 pole, 3 wire, Grounding type

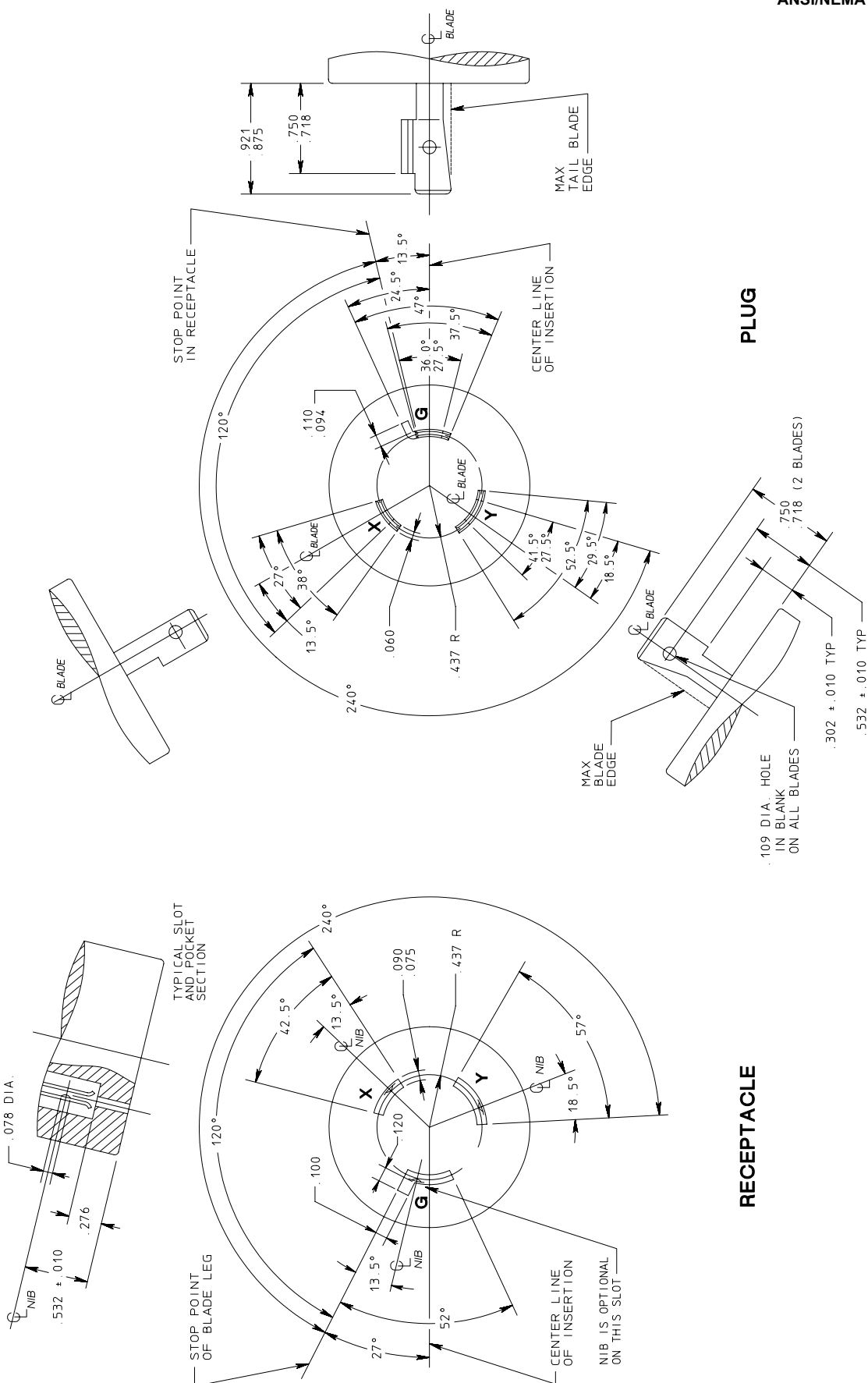
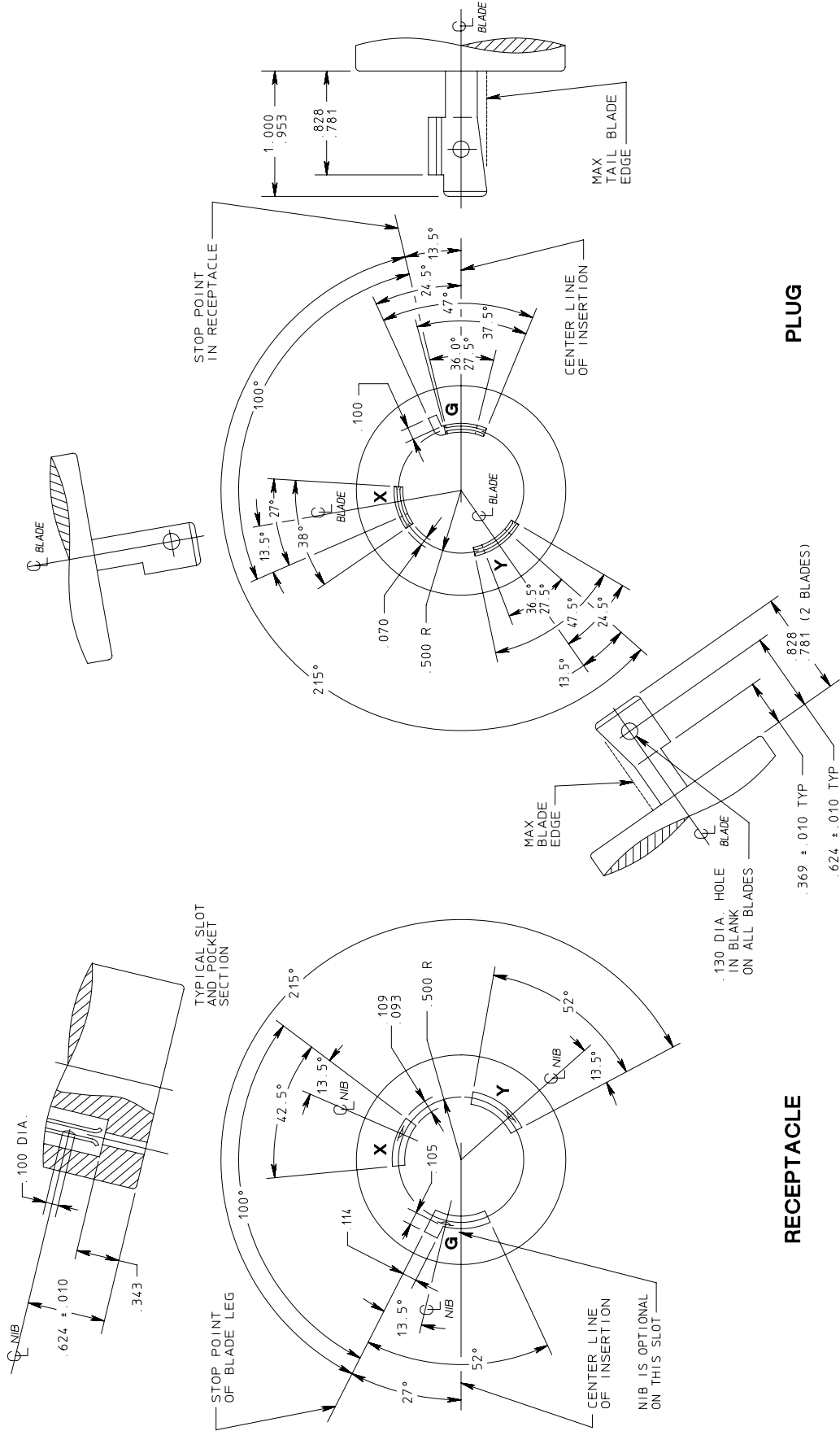


FIGURE L8-20
LOCKING TYPE PLUG AND RECEPTACLE
480 volts AC, 20 amperes, 2 pole, 3 wire, Grounding type

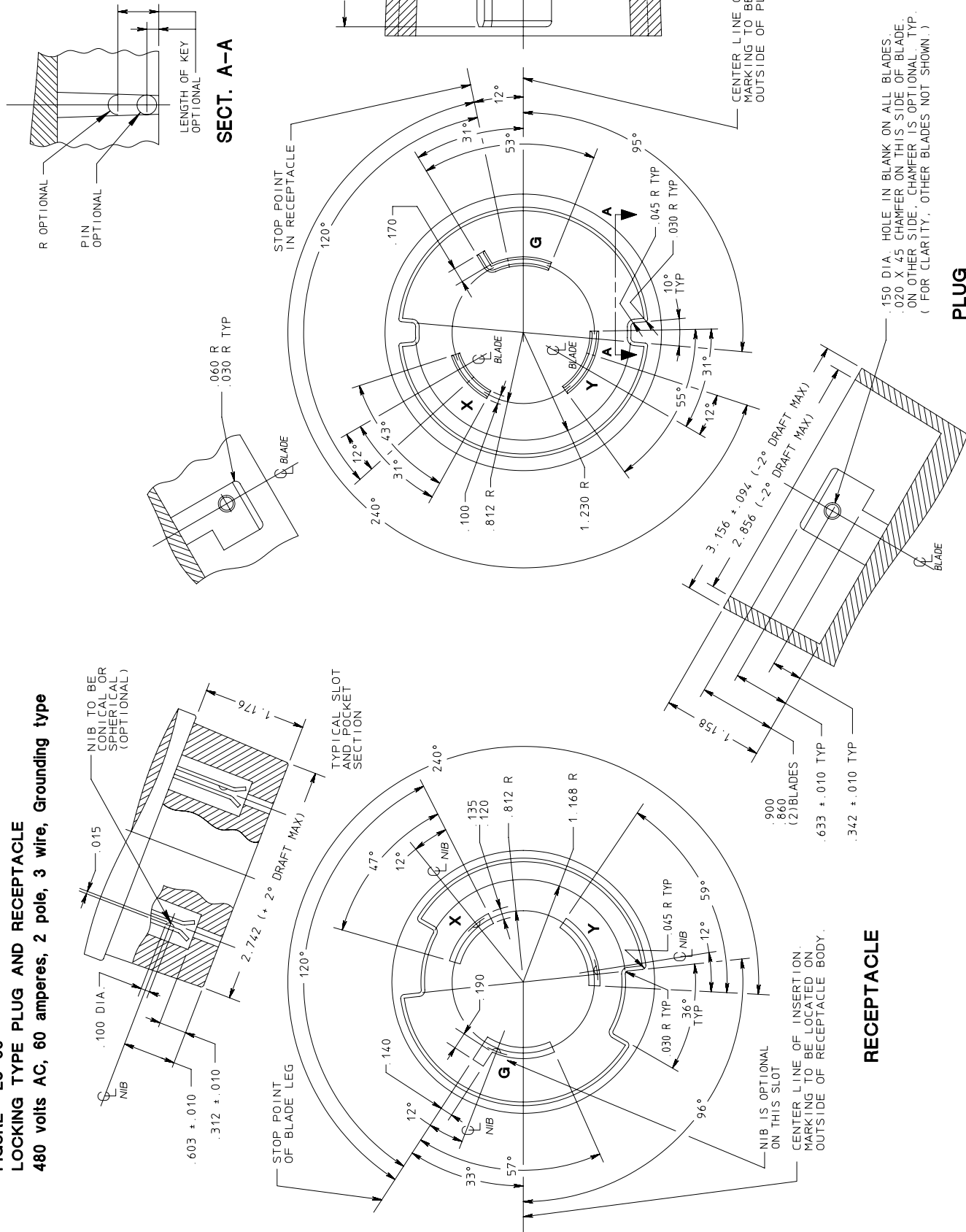
FIGURE L8-30
LOCKING TYPE PLUG AND RECEPTACLE
480 volts AC, 30 amperes, 2 pole, 3 wire, Grounding type





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

480 volts AC, 60 amperes, 2 pole, 3 wire, Grounding type



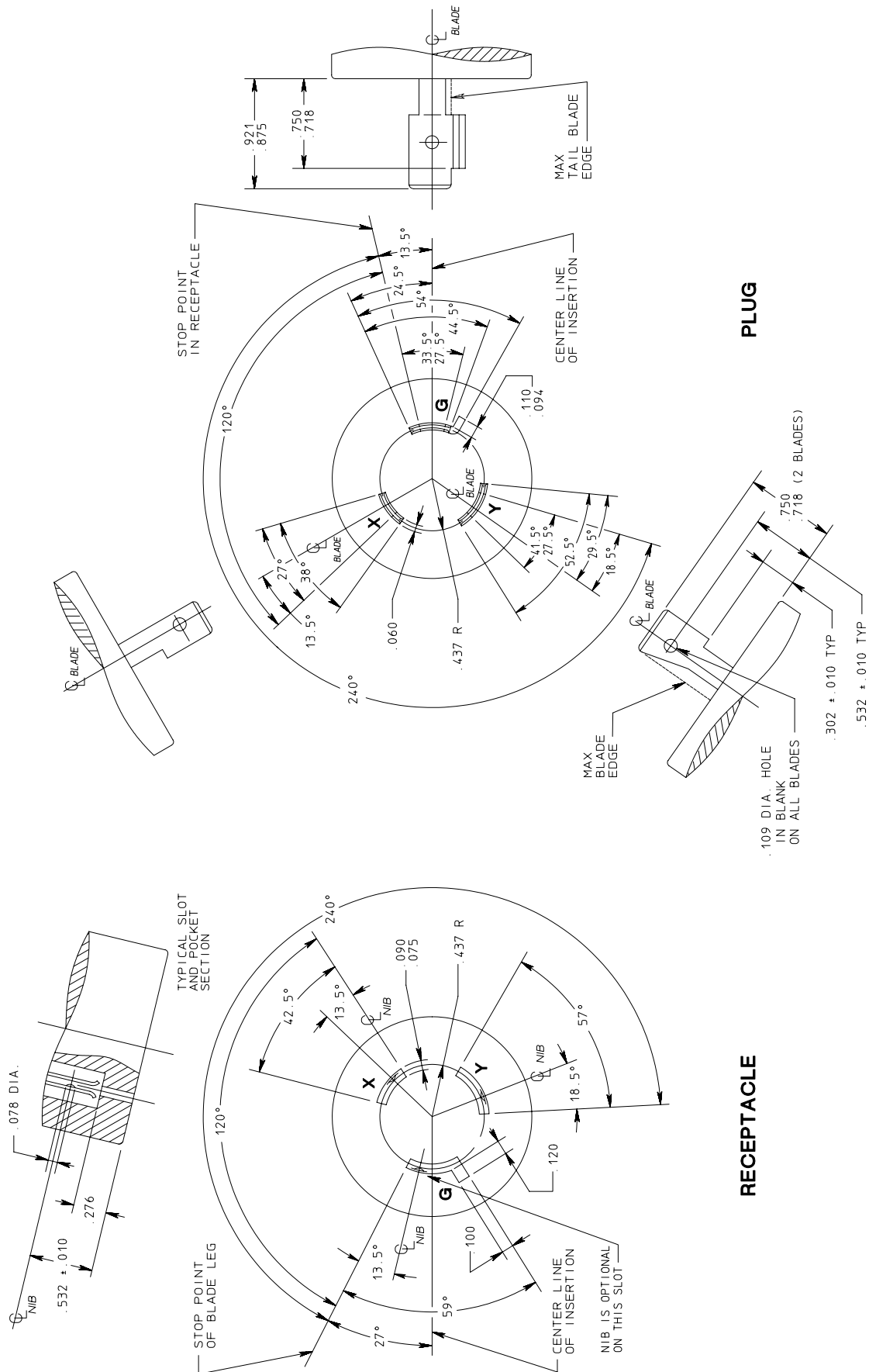


FIGURE L9-20
LOCKING TYPE PLUG AND RECEPTACLE
600 volts AC, 20 amperes, 2 pole, 3 wire, Grounding type

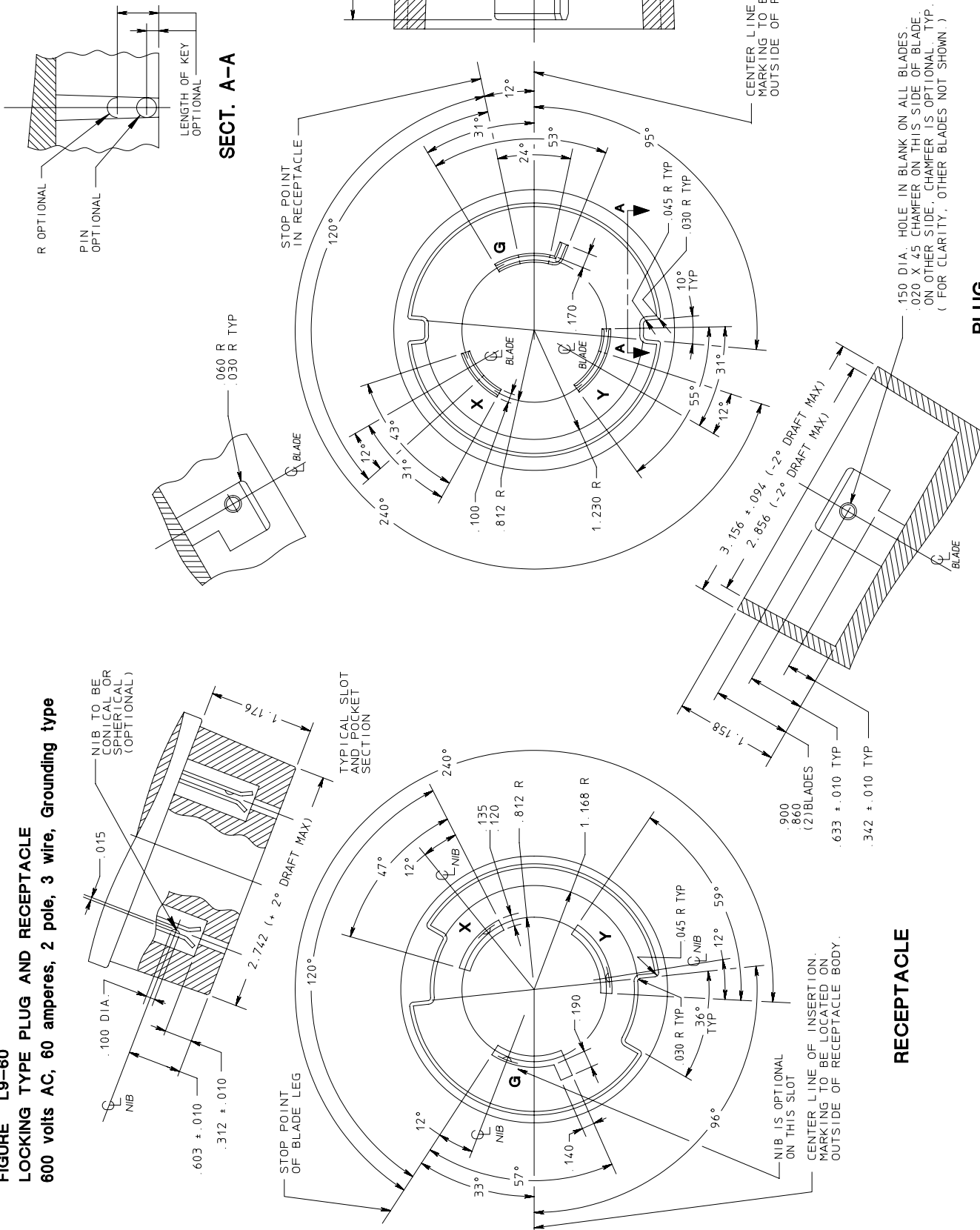
600 volts AC, 30 amperes, 2 pole, 3 wire, Grounding type





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

600 volts AC, 60 amperes, 2 pole, 3 wire, Grounding type



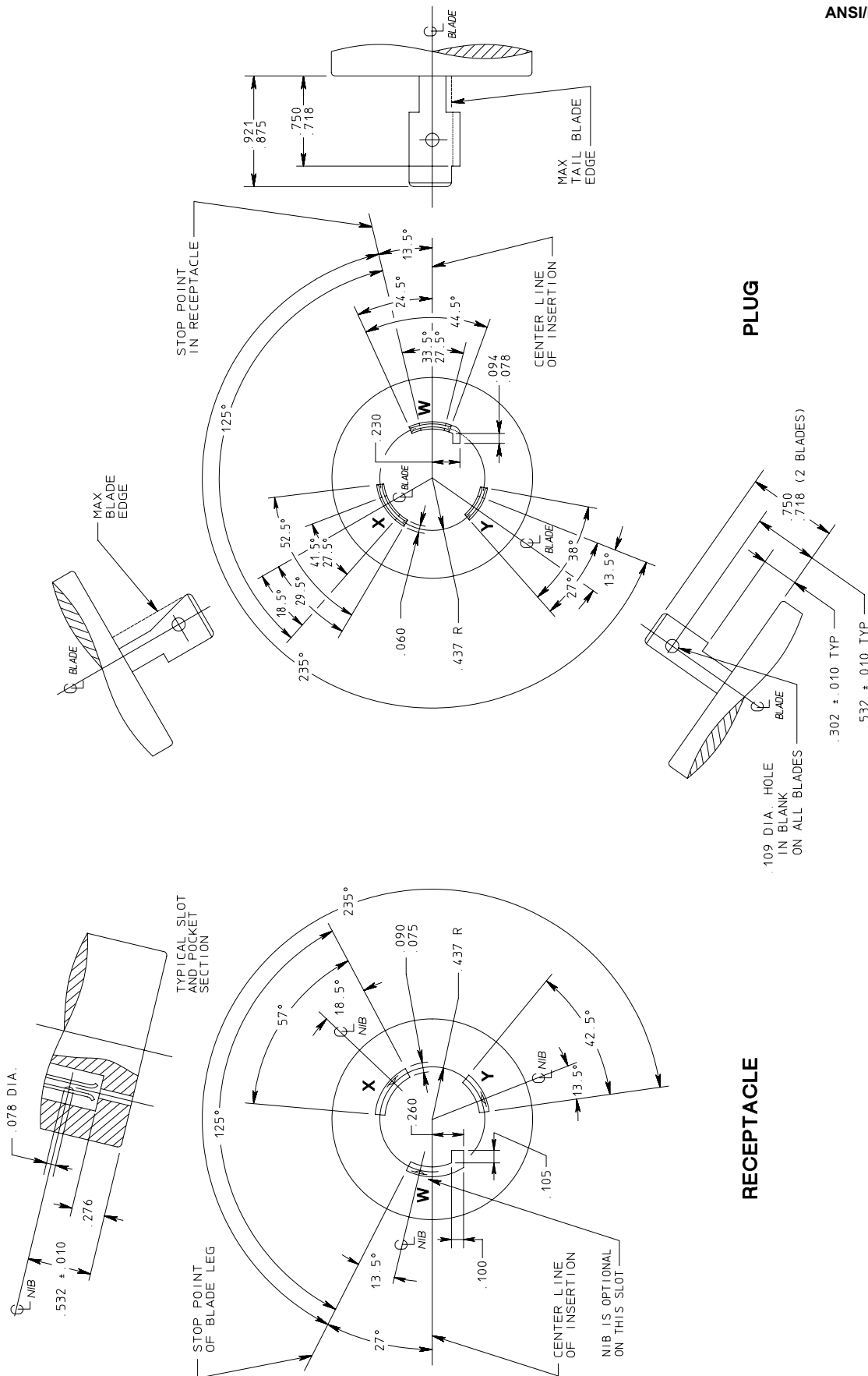
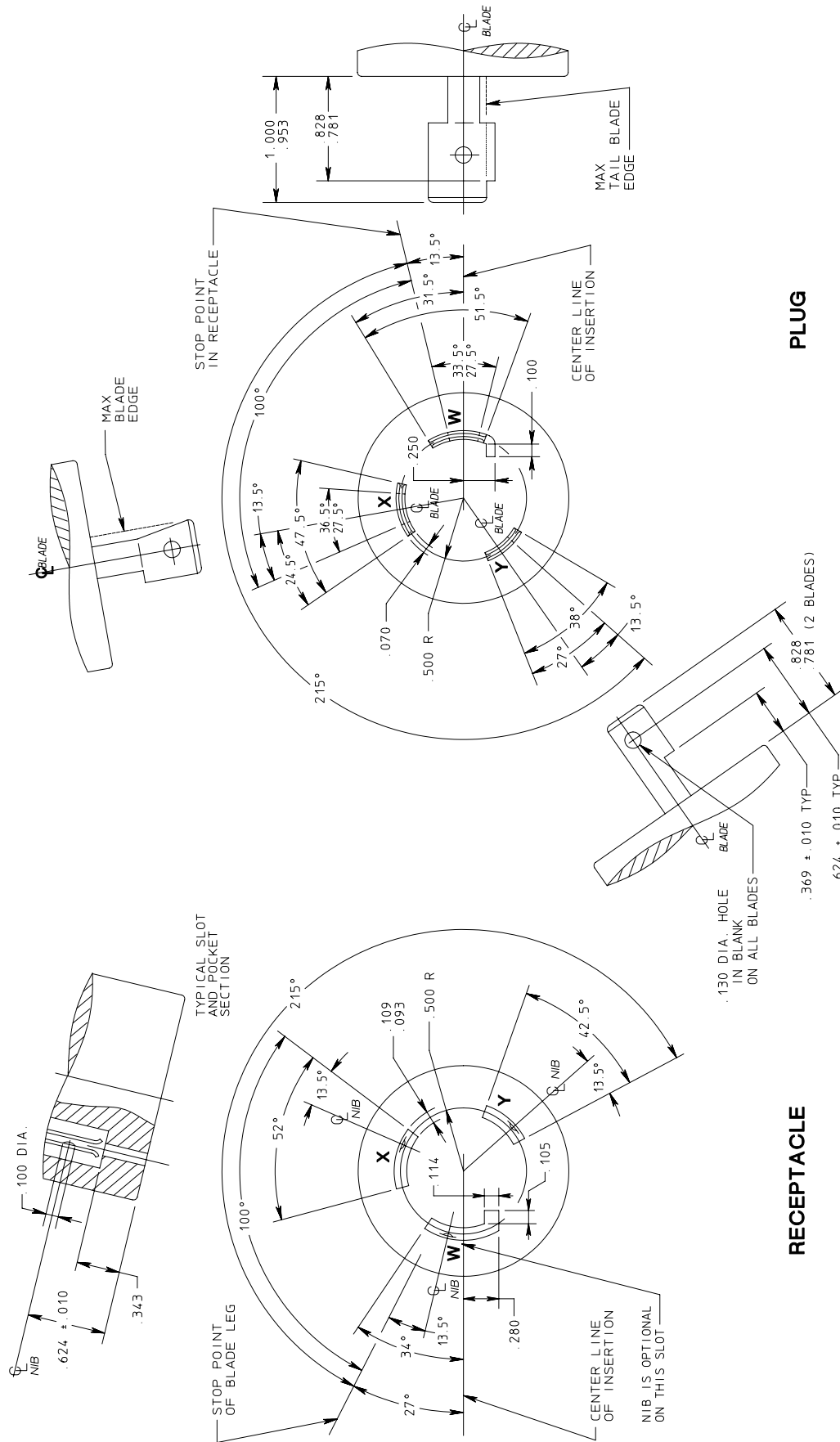


FIGURE L10-20
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 20 amperes, 3 pole, 3 wire

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



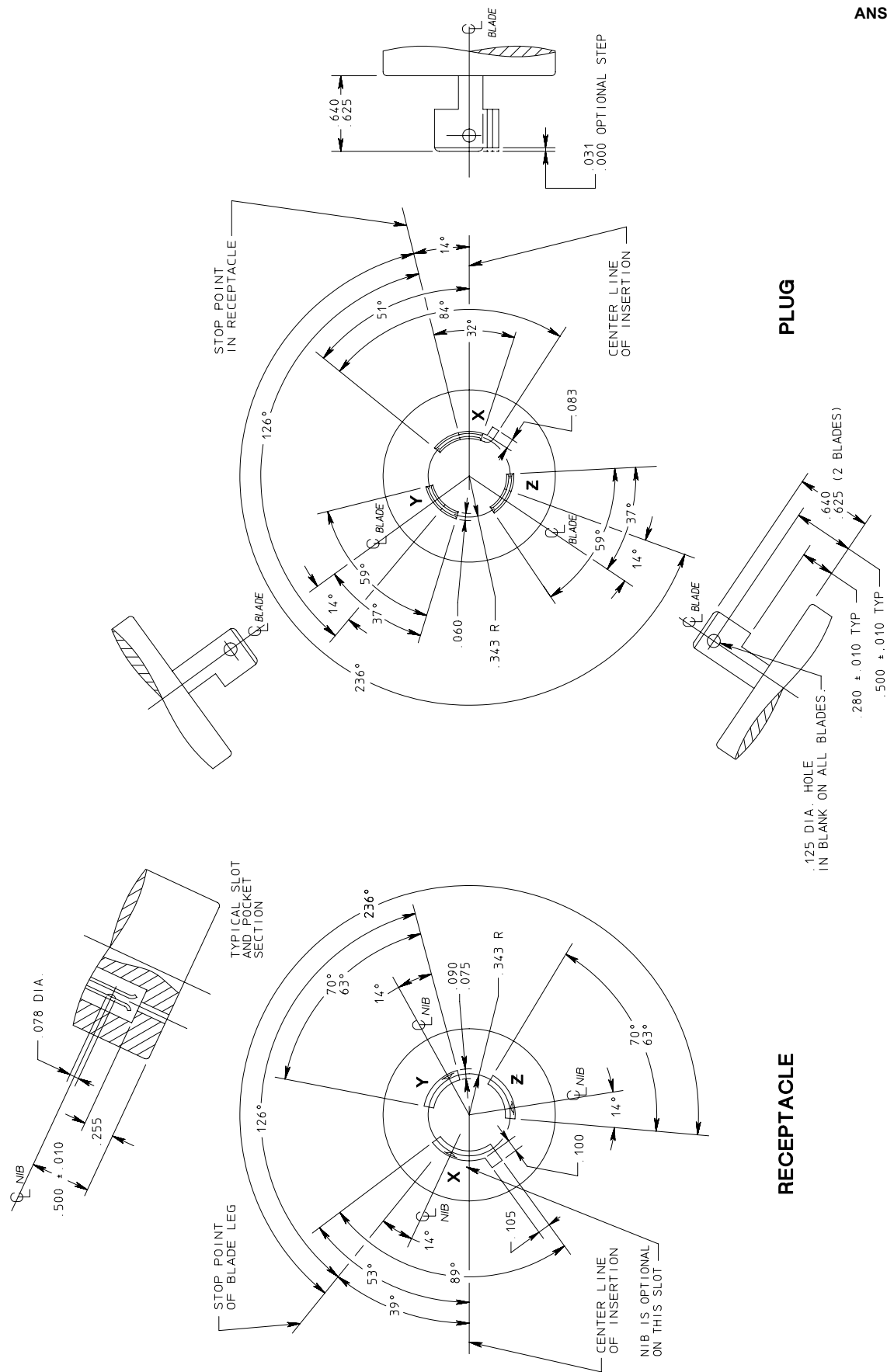
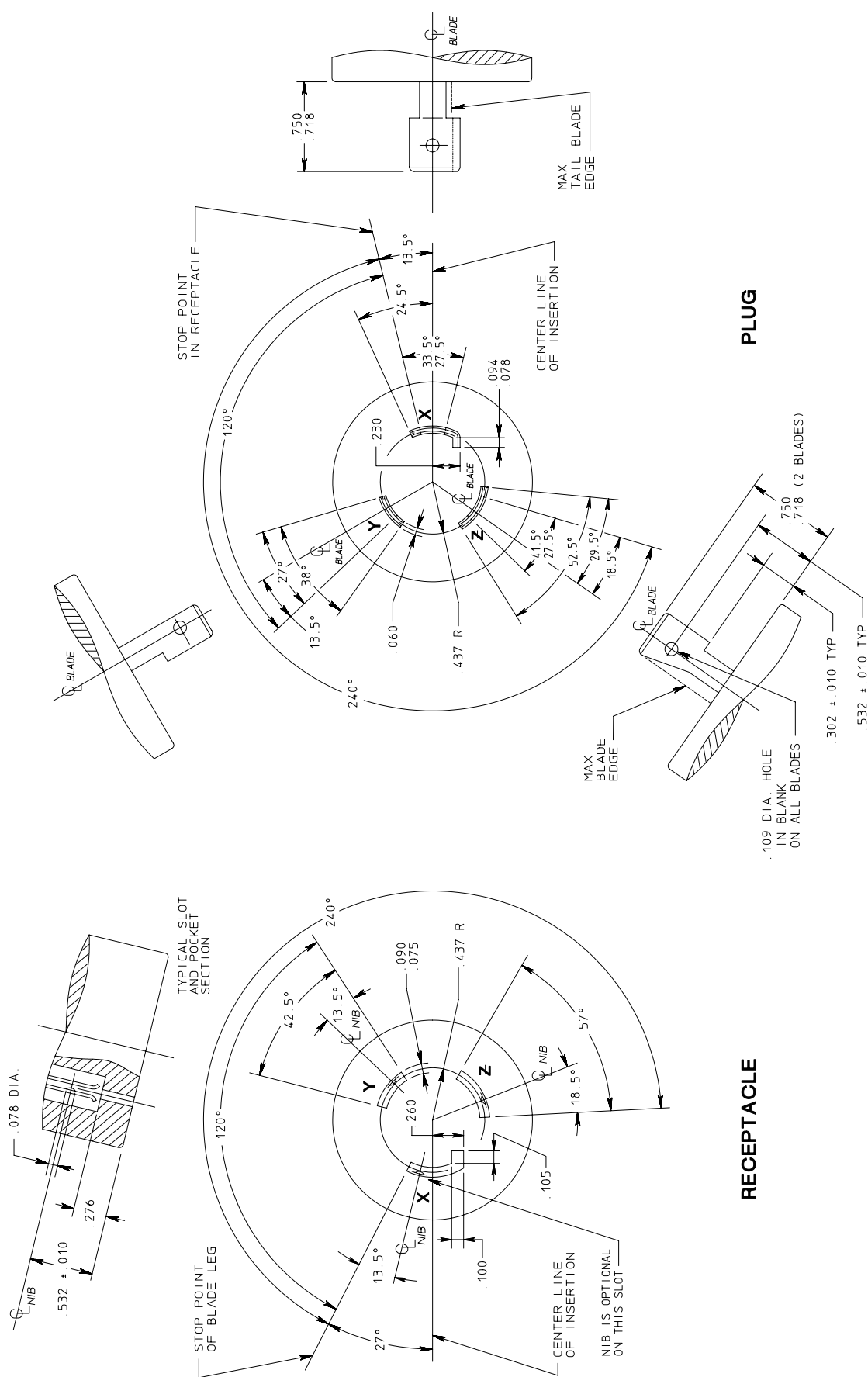


FIGURE L11-15
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 15 amperes 3 phase, 3 pole, 3 wire

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



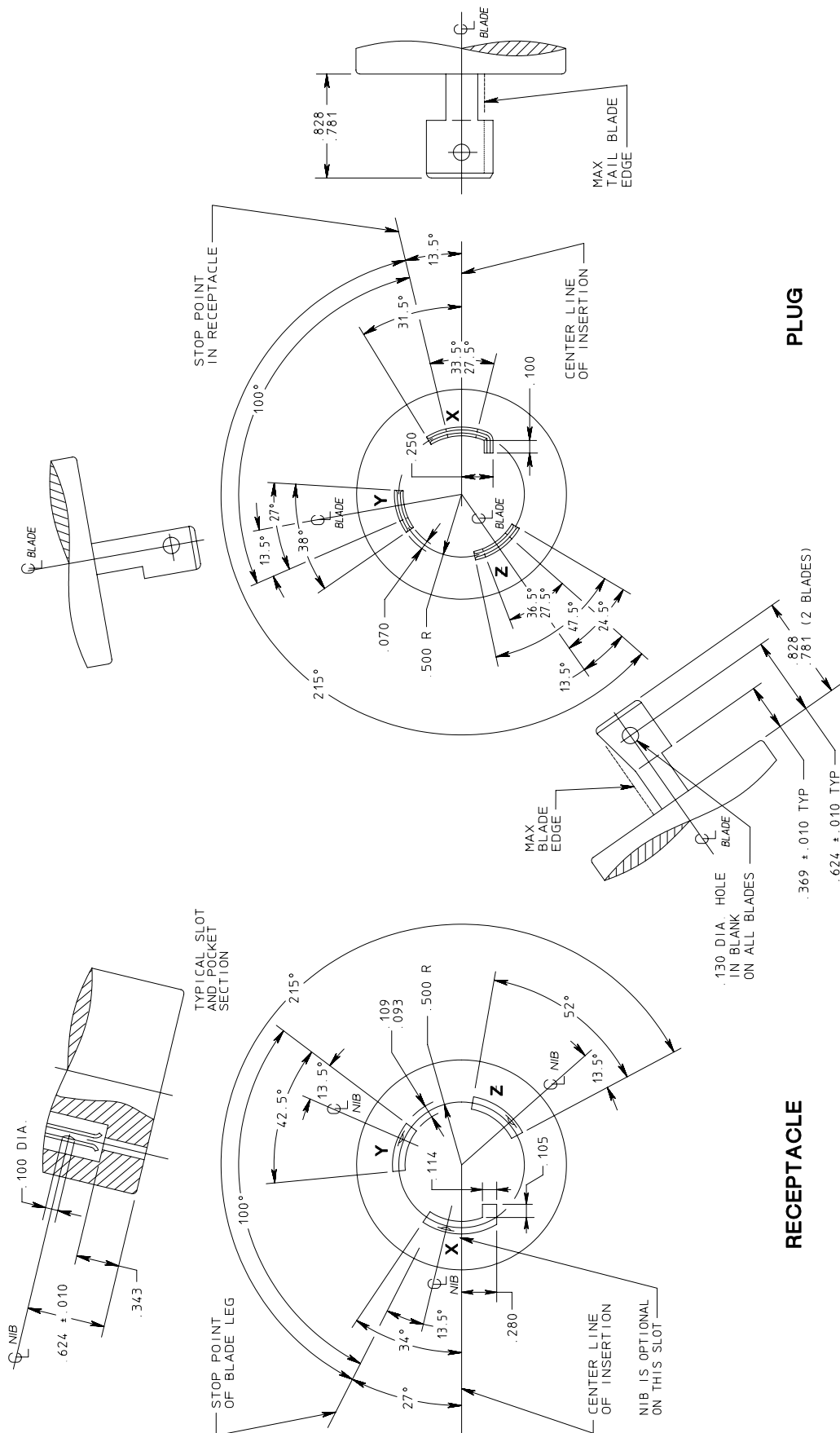
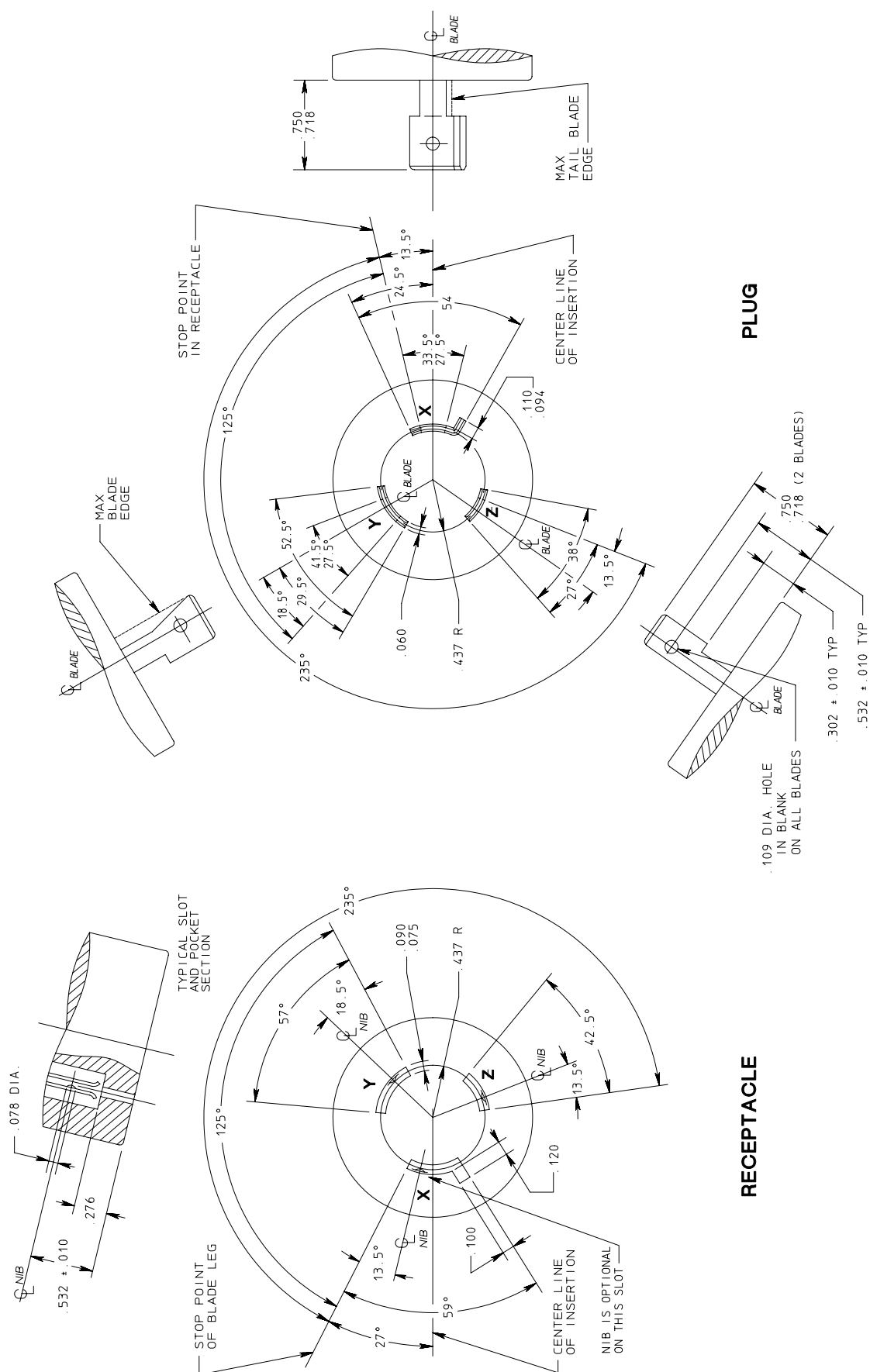


FIGURE L11-30
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 30 amperes, 3 phase, 3 pole, 3 wire

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



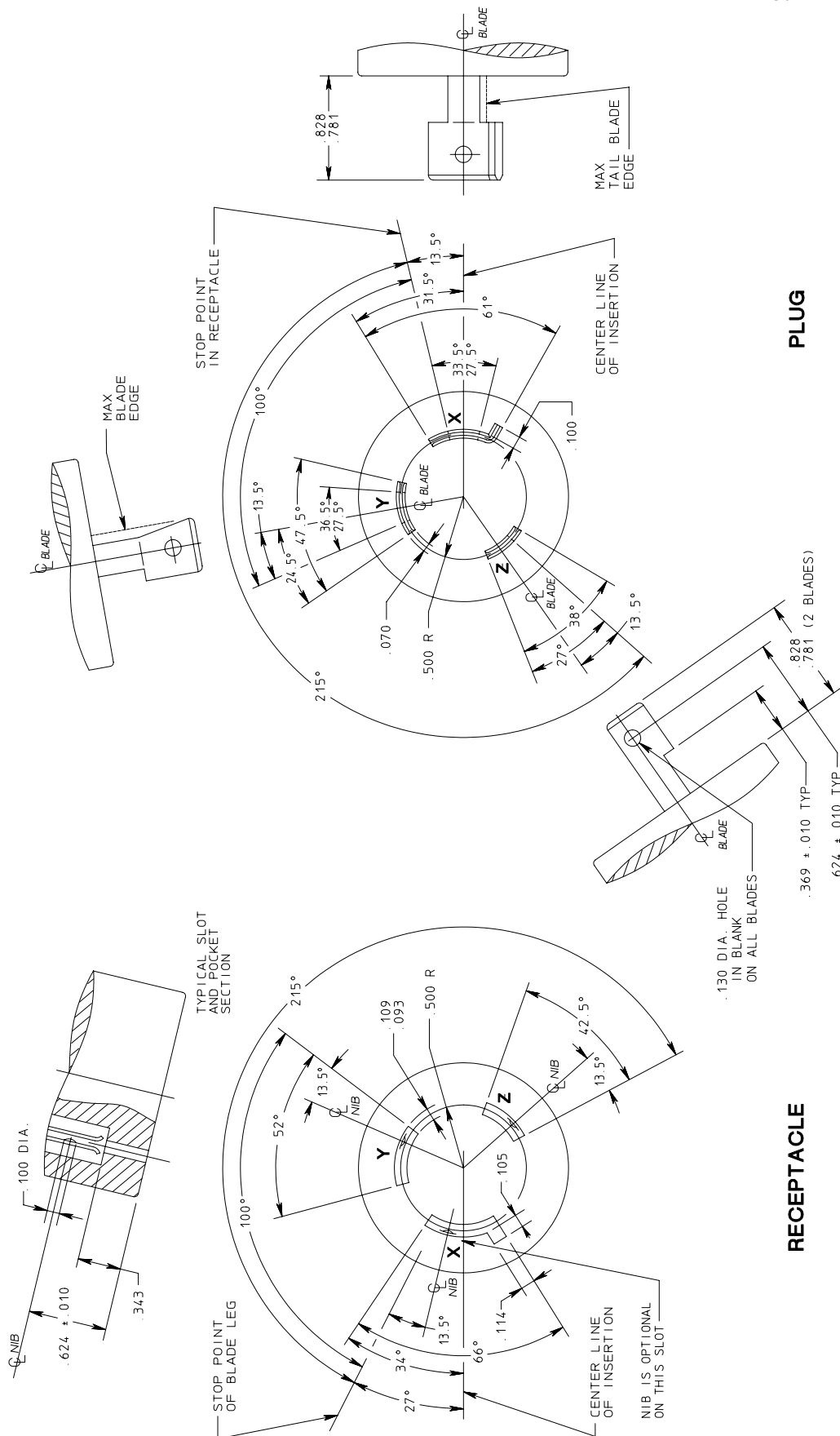
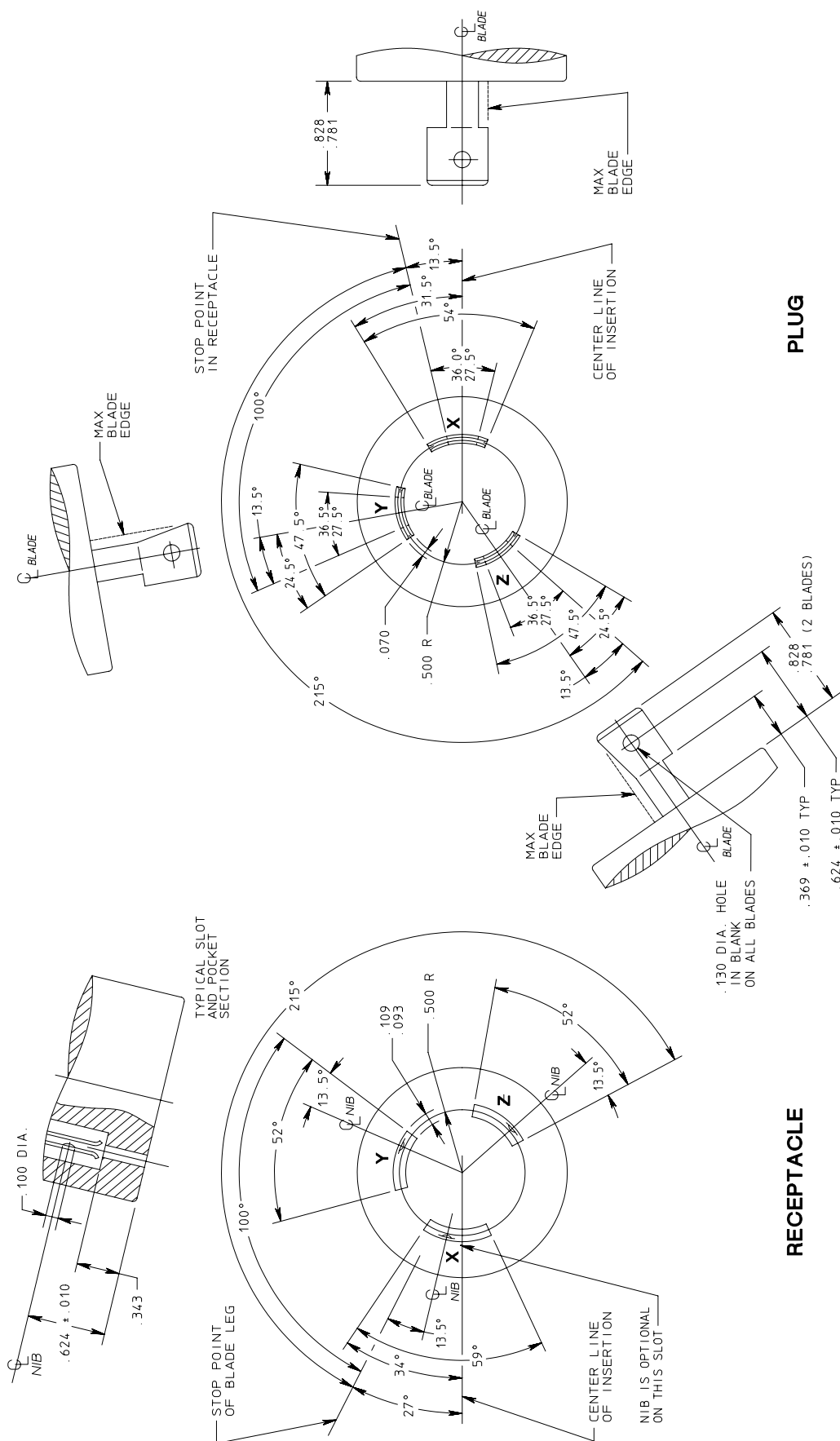


FIGURE L12-30
LOCKING TYPE PLUG AND RECEPTACLE
480 volts , 30 amperes, 3 phase, 3 pole, 3 wire

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



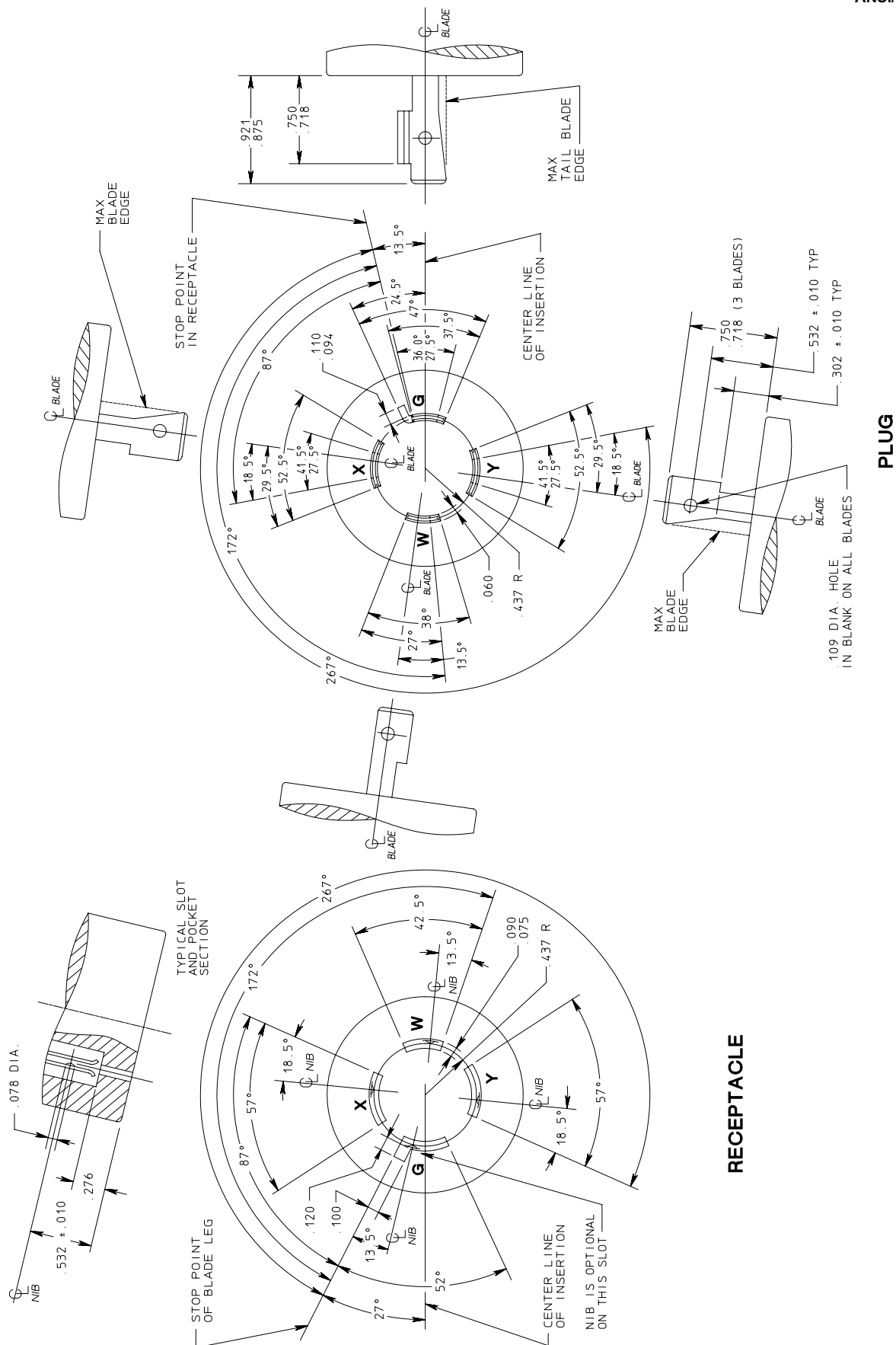
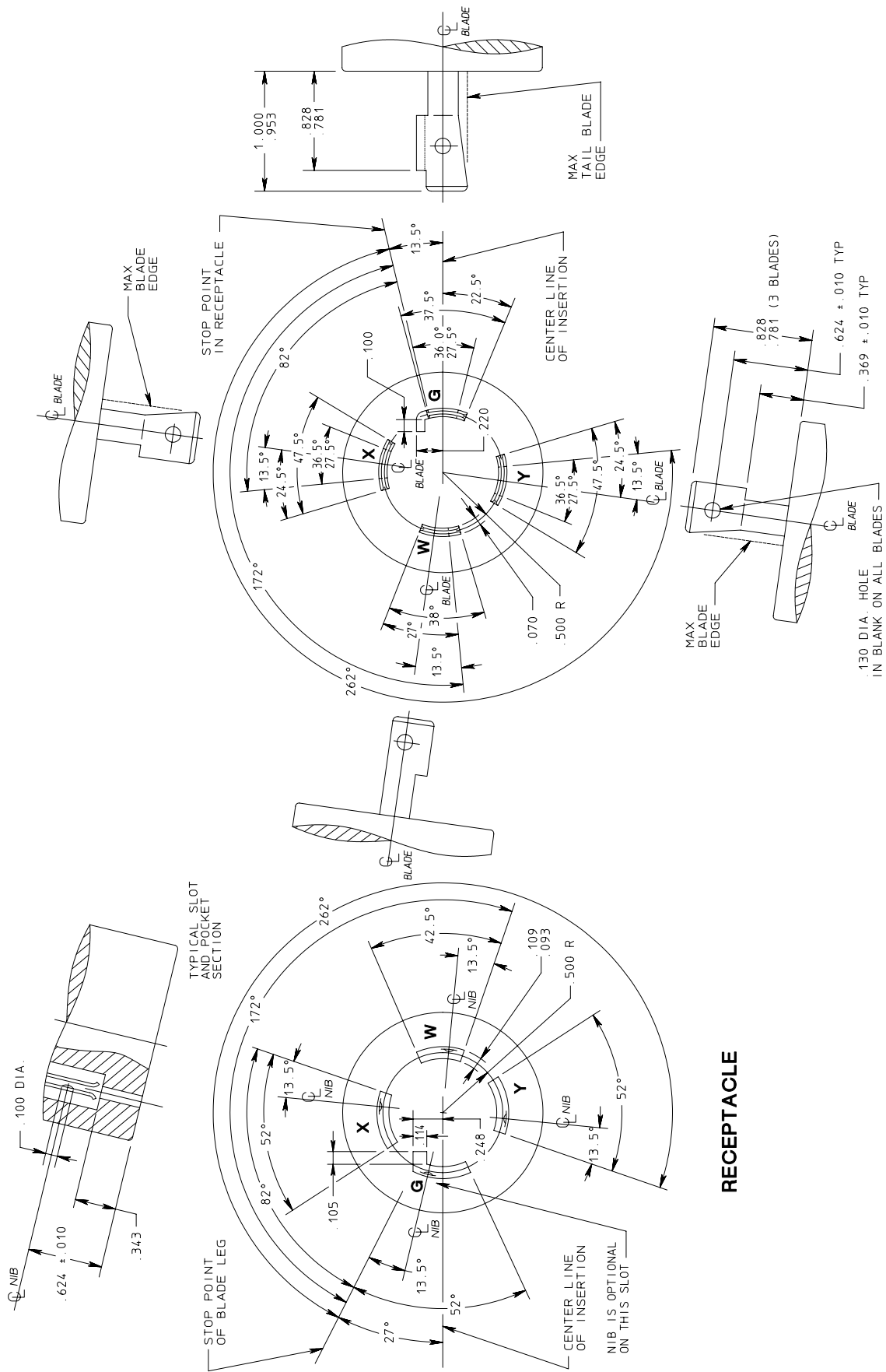


FIGURE L14-20
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 20 amperes, 3 pole, 4 wire, Grounding type

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

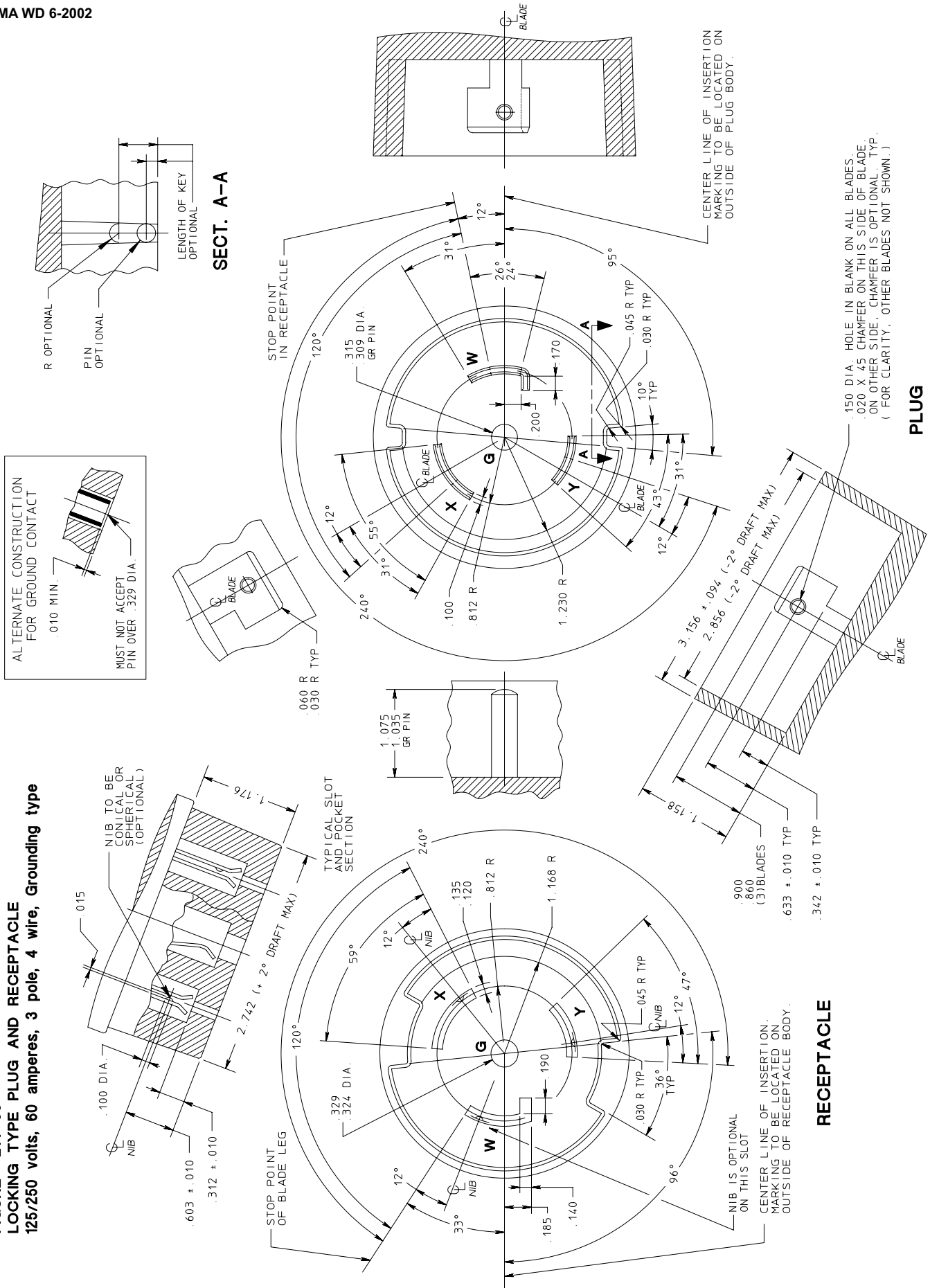


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FIGURE L14-50
LOCKING TYPE PLUG AND RECEPTACLE
125/250 volts, 50 amperes, 3 pole, 4 wire,

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



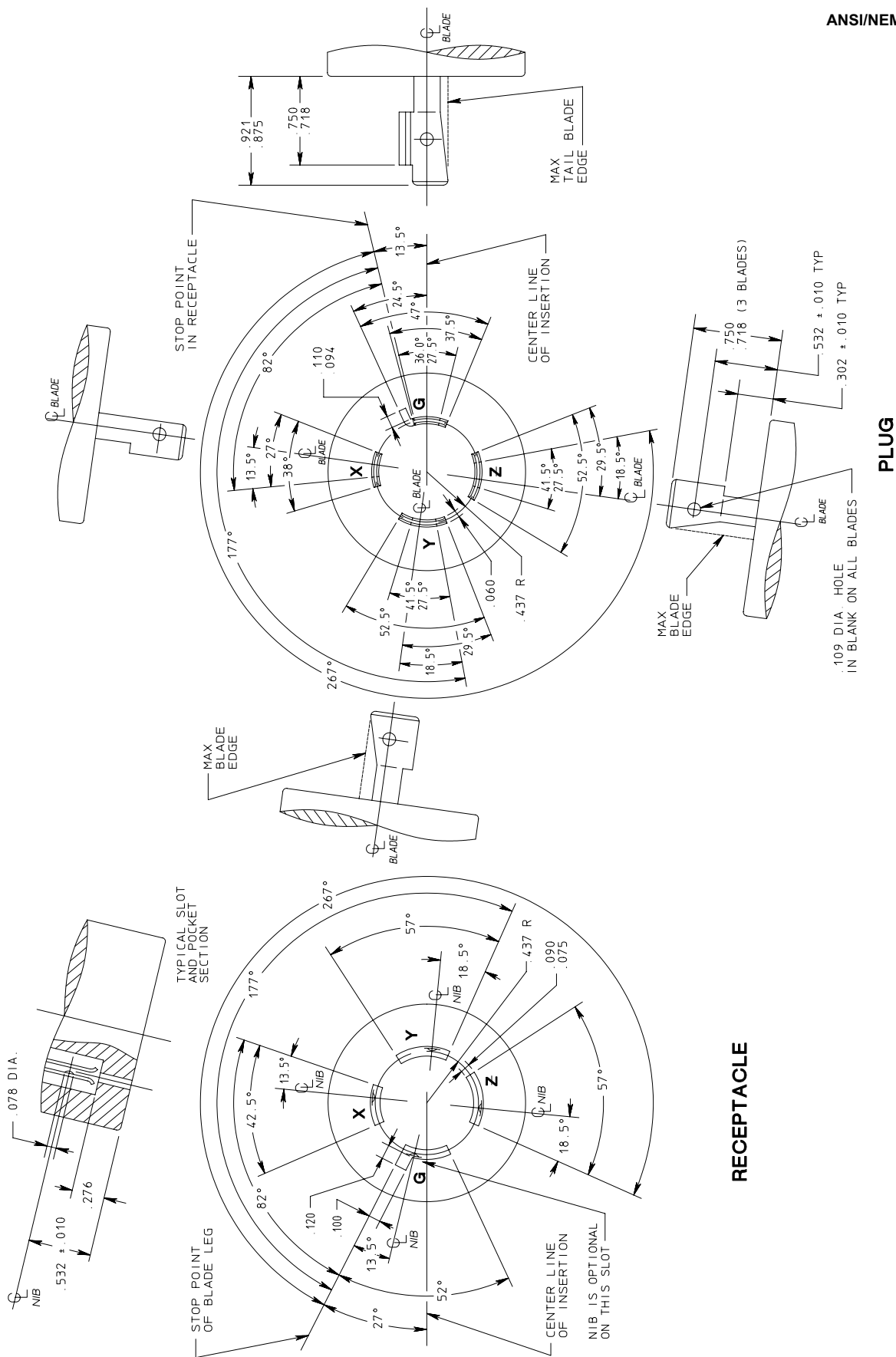
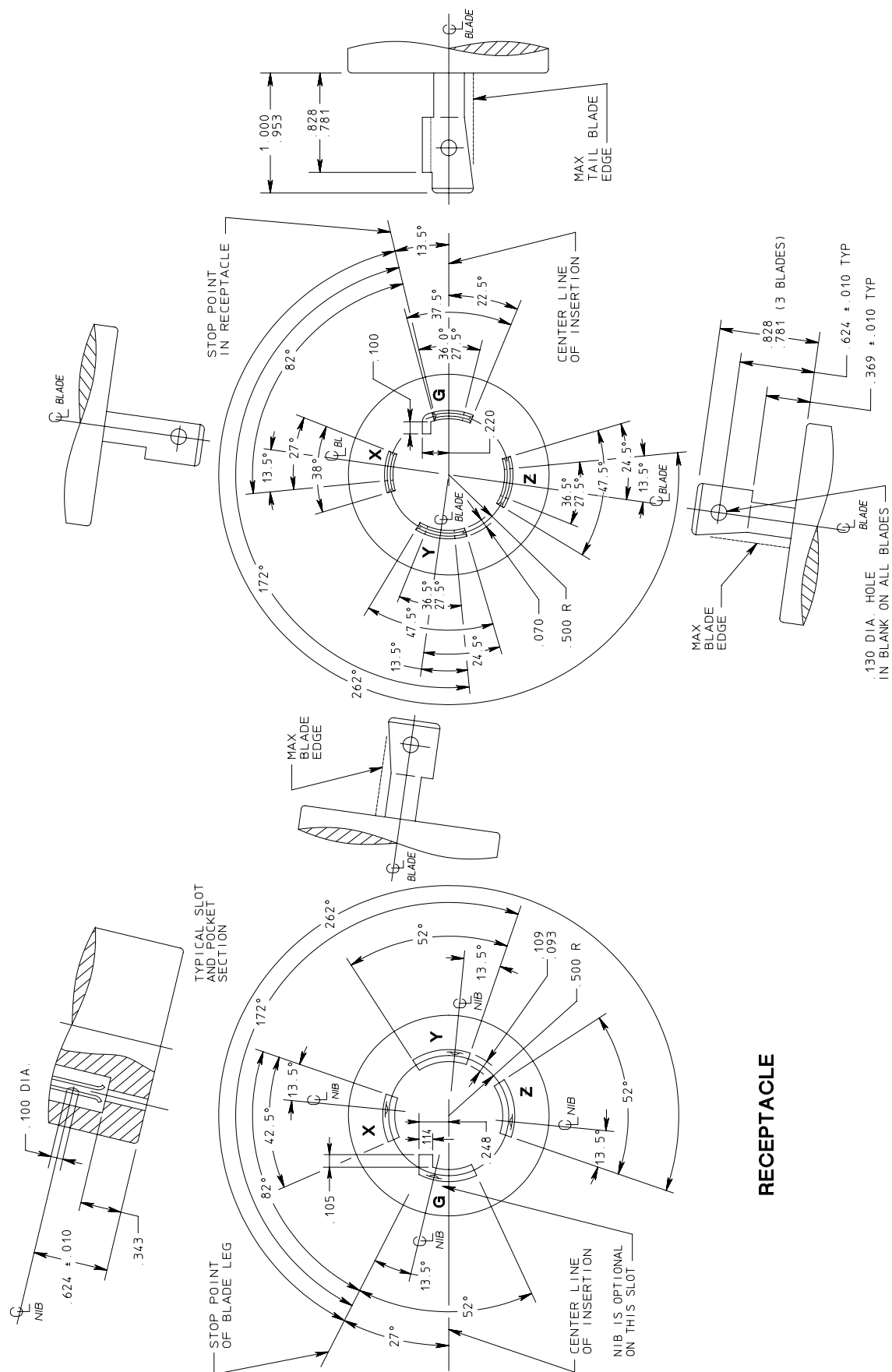


FIGURE L15-20
LOCKING TYPE PLUG AND RECEPTACLE
250 volts, 20 amperes 3 phase, 3 pole, 4 wire, Grounding type

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



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

250 volts, 60 amperes, 3 phase, 3 pole, 4 wire,
Grounding type



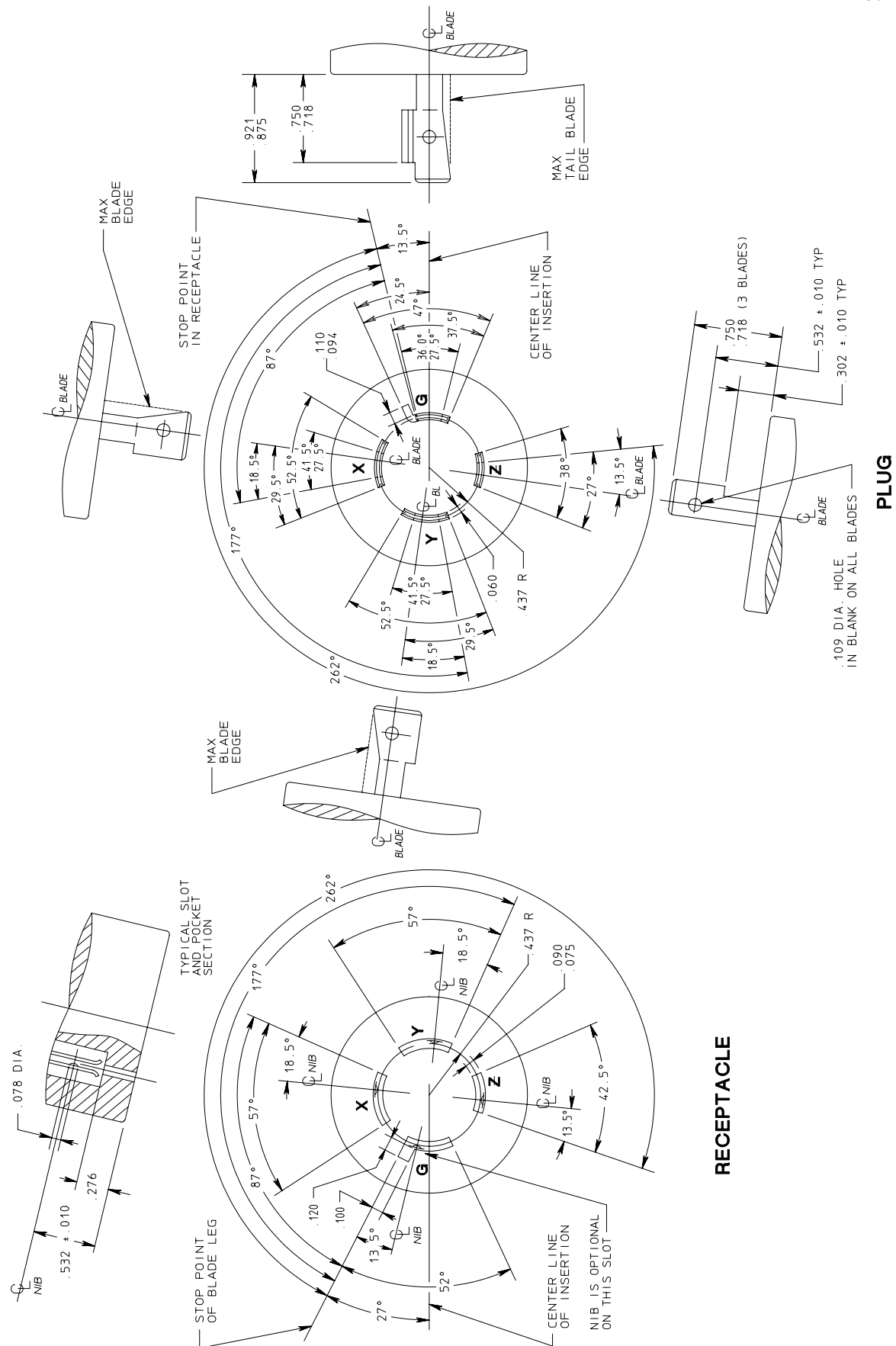
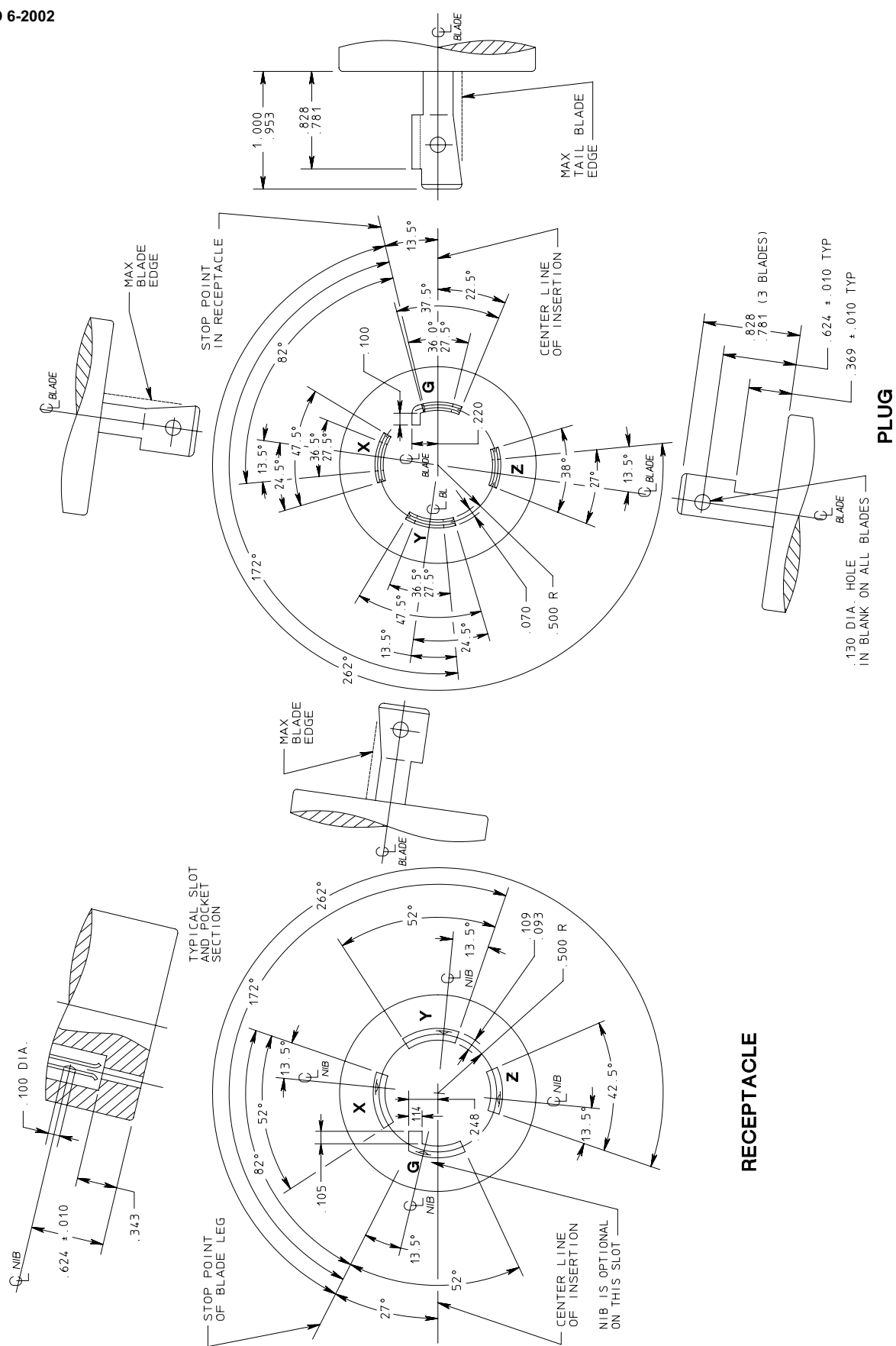


FIGURE L16-20
LOCKING TYPE PLUG AND RECEPTACLE
480 volts, 20 amperes, 3 phase, 3 pole, 4 wire, Grounding type

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



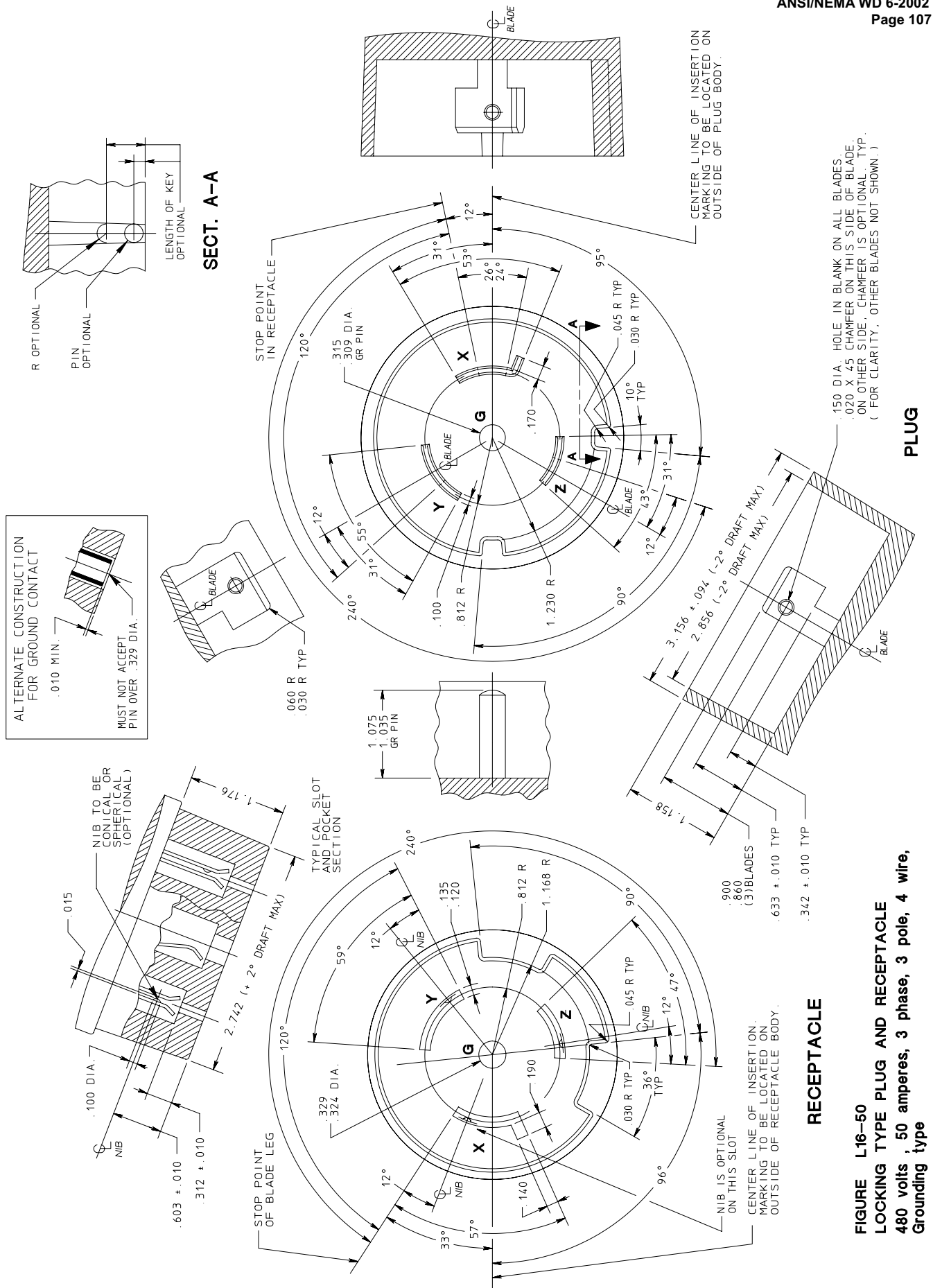
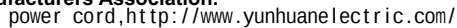


FIGURE L16--50
LOCKING TYPE PLUG AND RECEPTACLE
480 volts, 50 amperes, 3 phase, 3 pole, 4 wire,
Grounding type

Grounding type



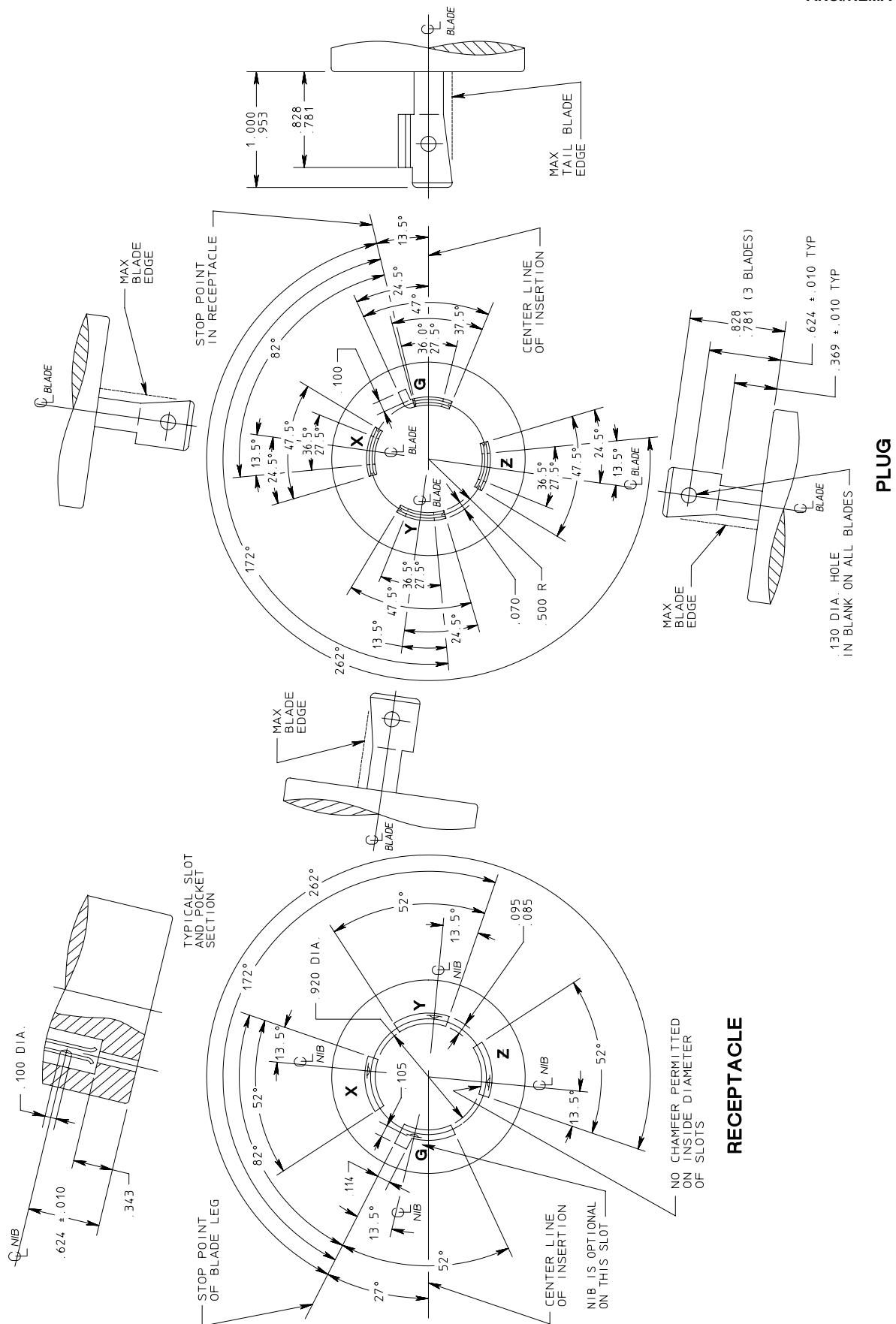
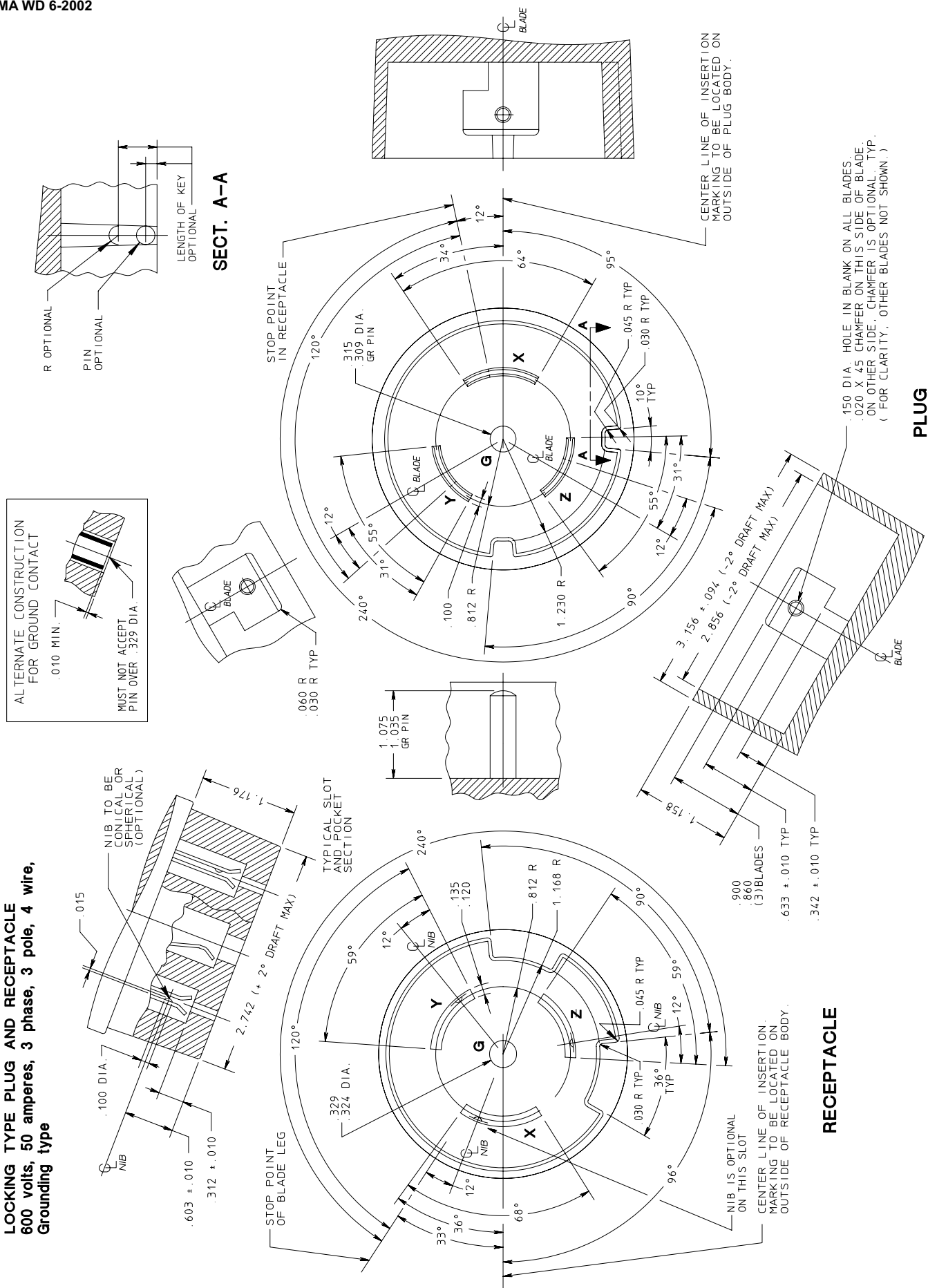


FIGURE L17-30
LOCKING TYPE PLUG AND RECEPTACLE
600 volts, 30 amperes, 3 phase, 3 pole, 4 wire, Grounding type

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



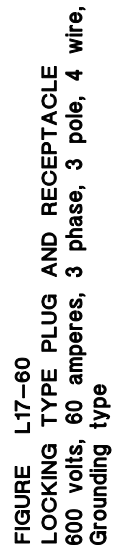
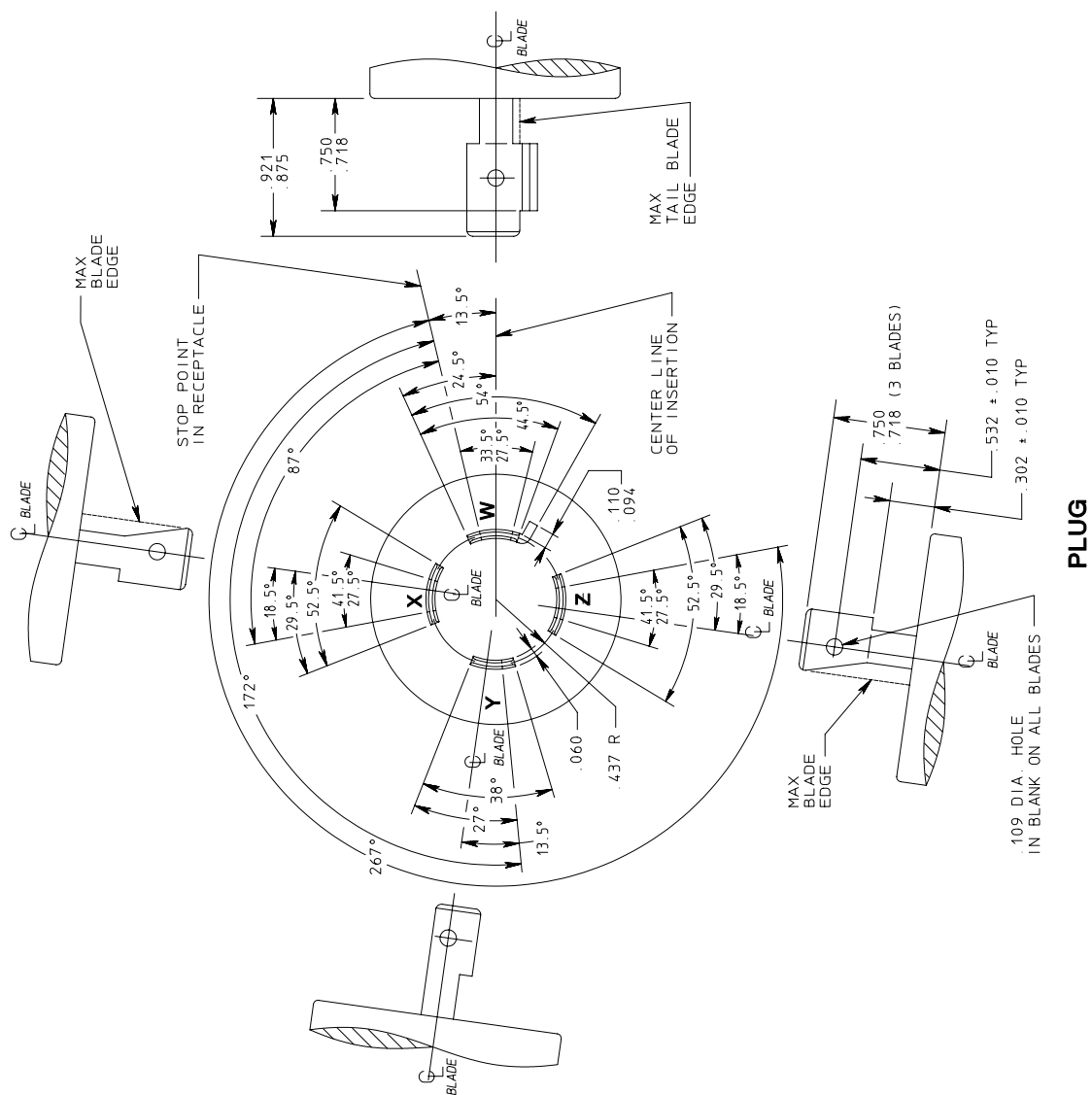
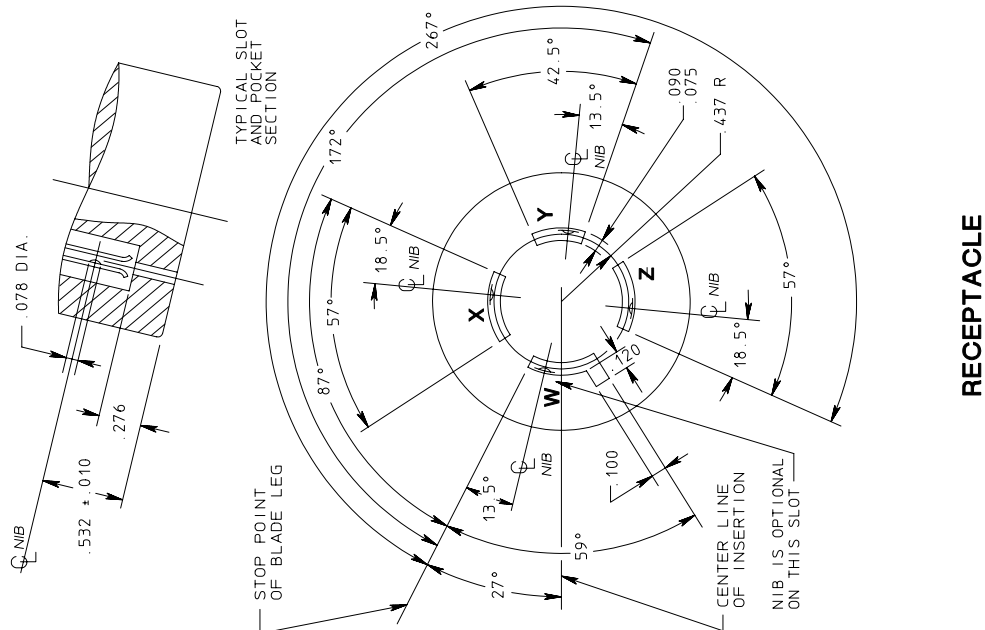


FIGURE L18-20
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 20 amperes, 3 phase Y, 4 pole, 4 wire



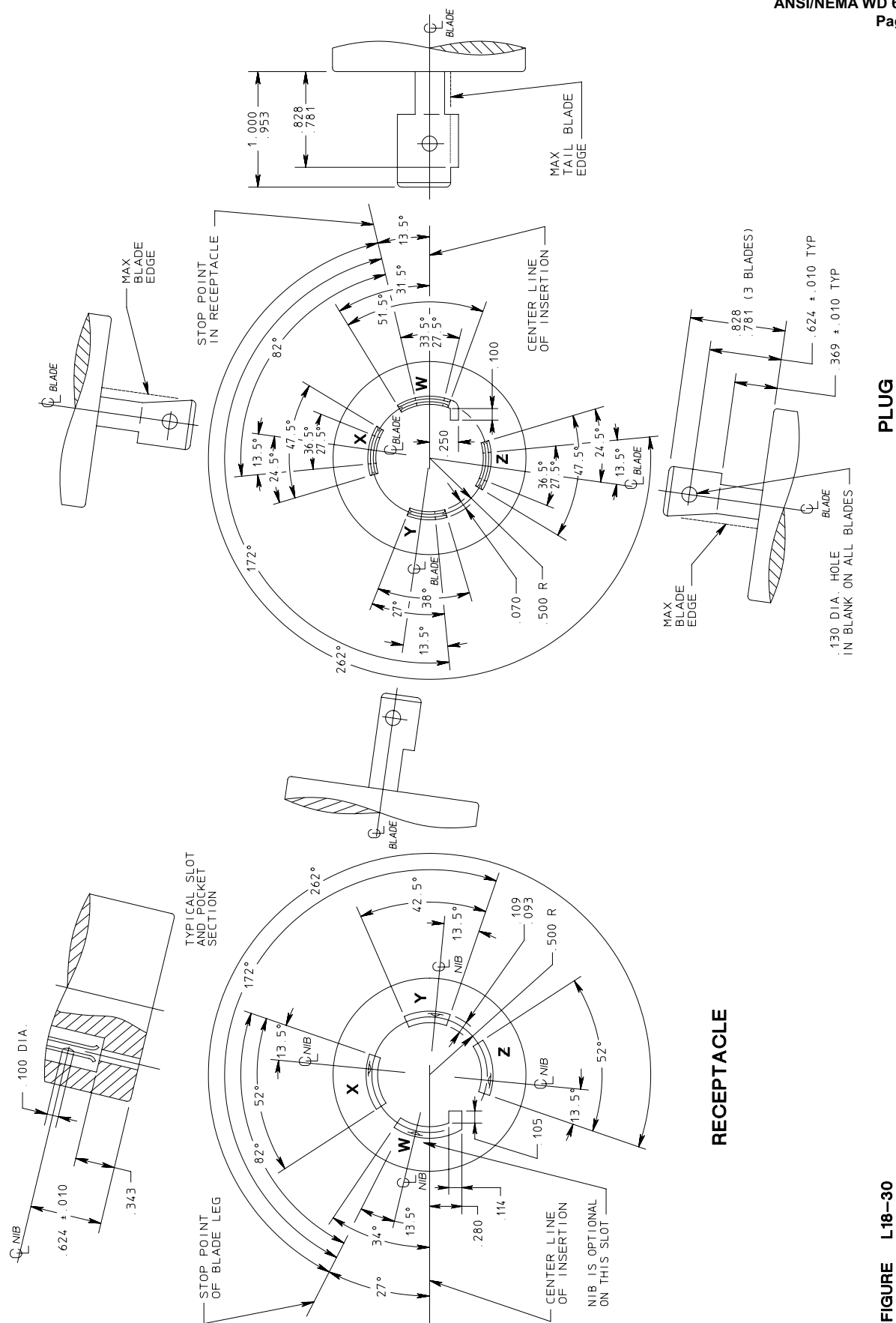
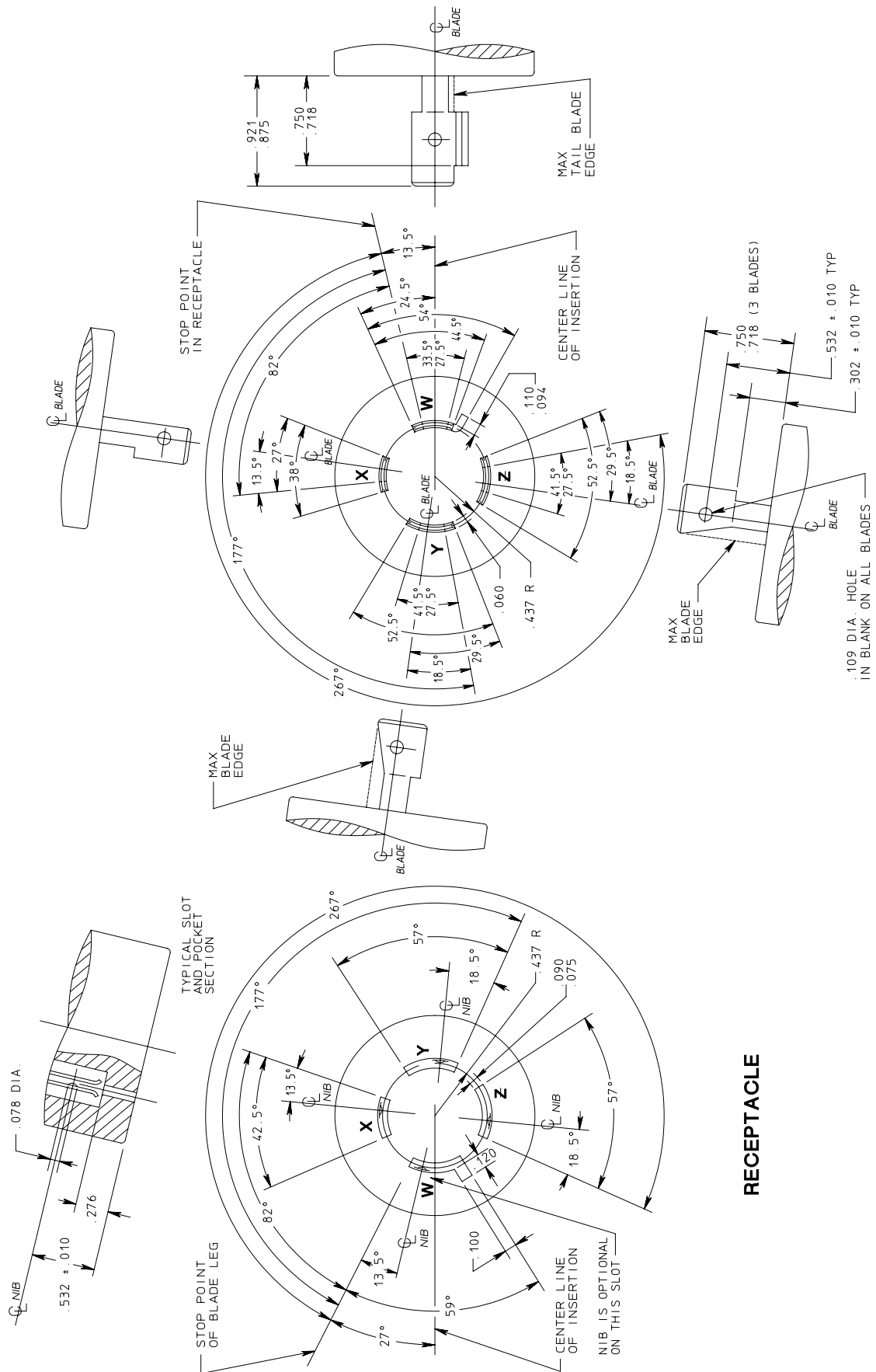


FIGURE L18-30
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 30 amperes, 3 phase Y, 4 pole, 4 wire

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



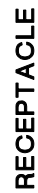
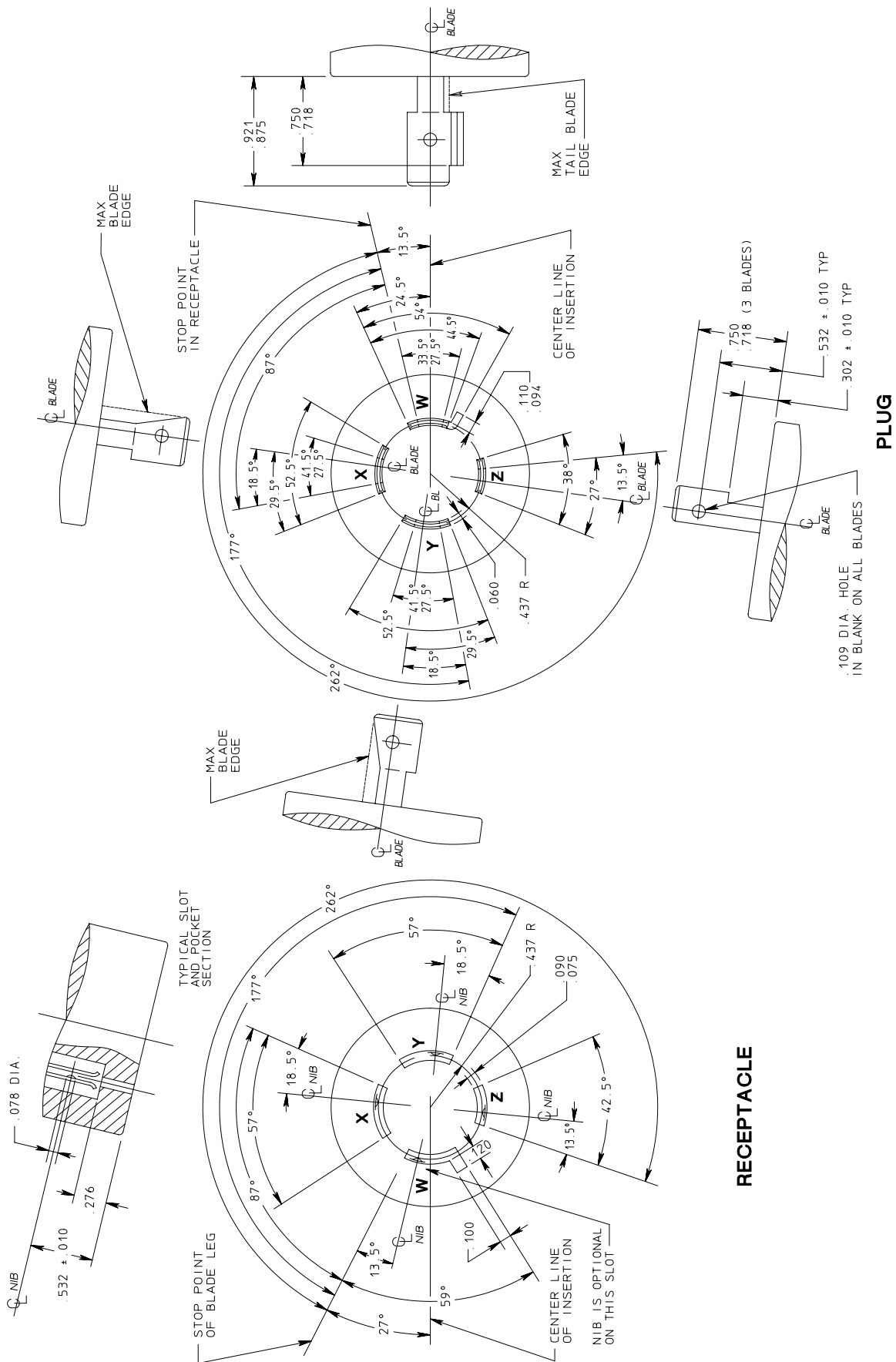


FIGURE L19-30
LOCKING TYPE PLUG AND RECEPTACLE
277/480 volts, 30 amperes, 3 phase Y, 4 pole, 4 wire

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



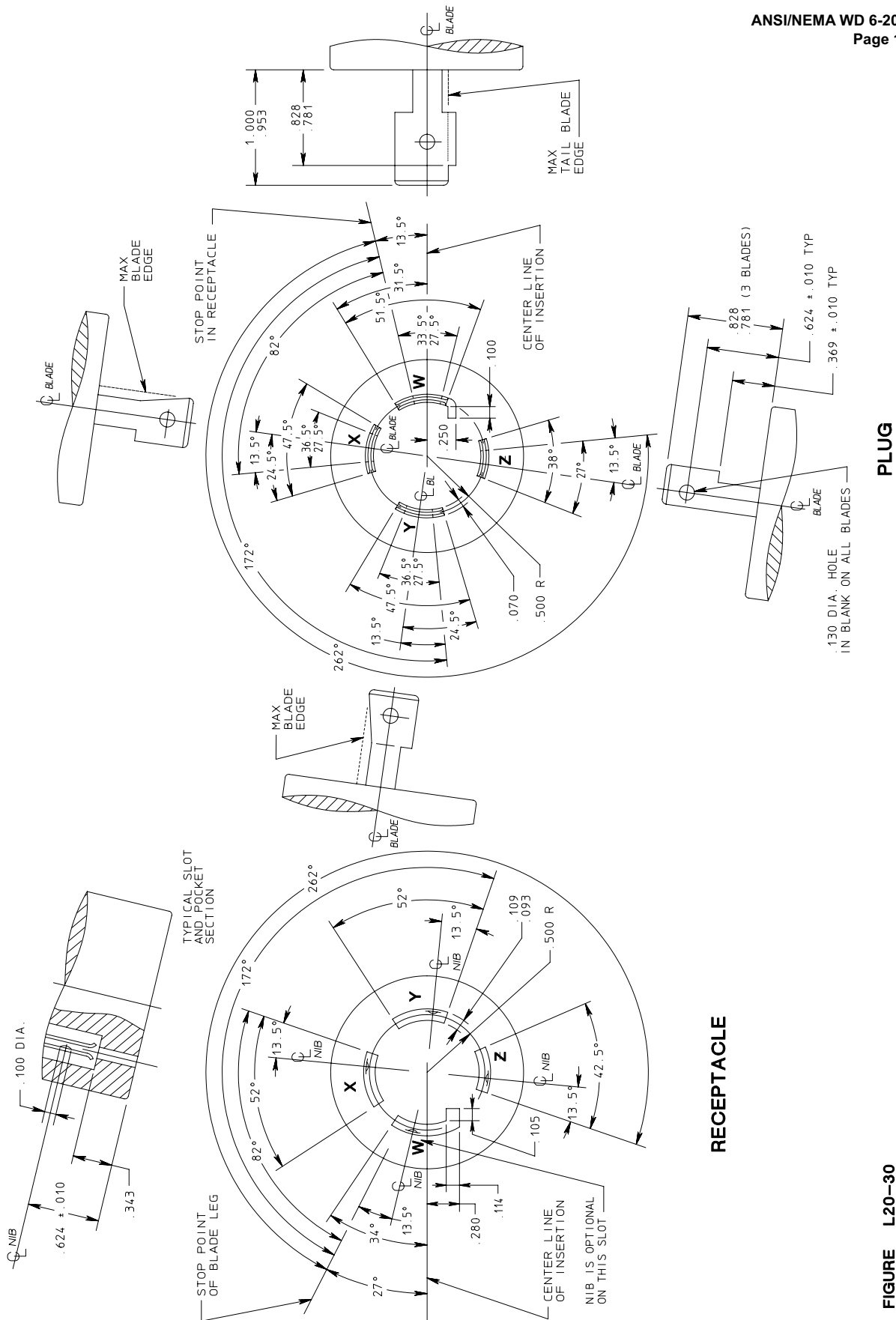
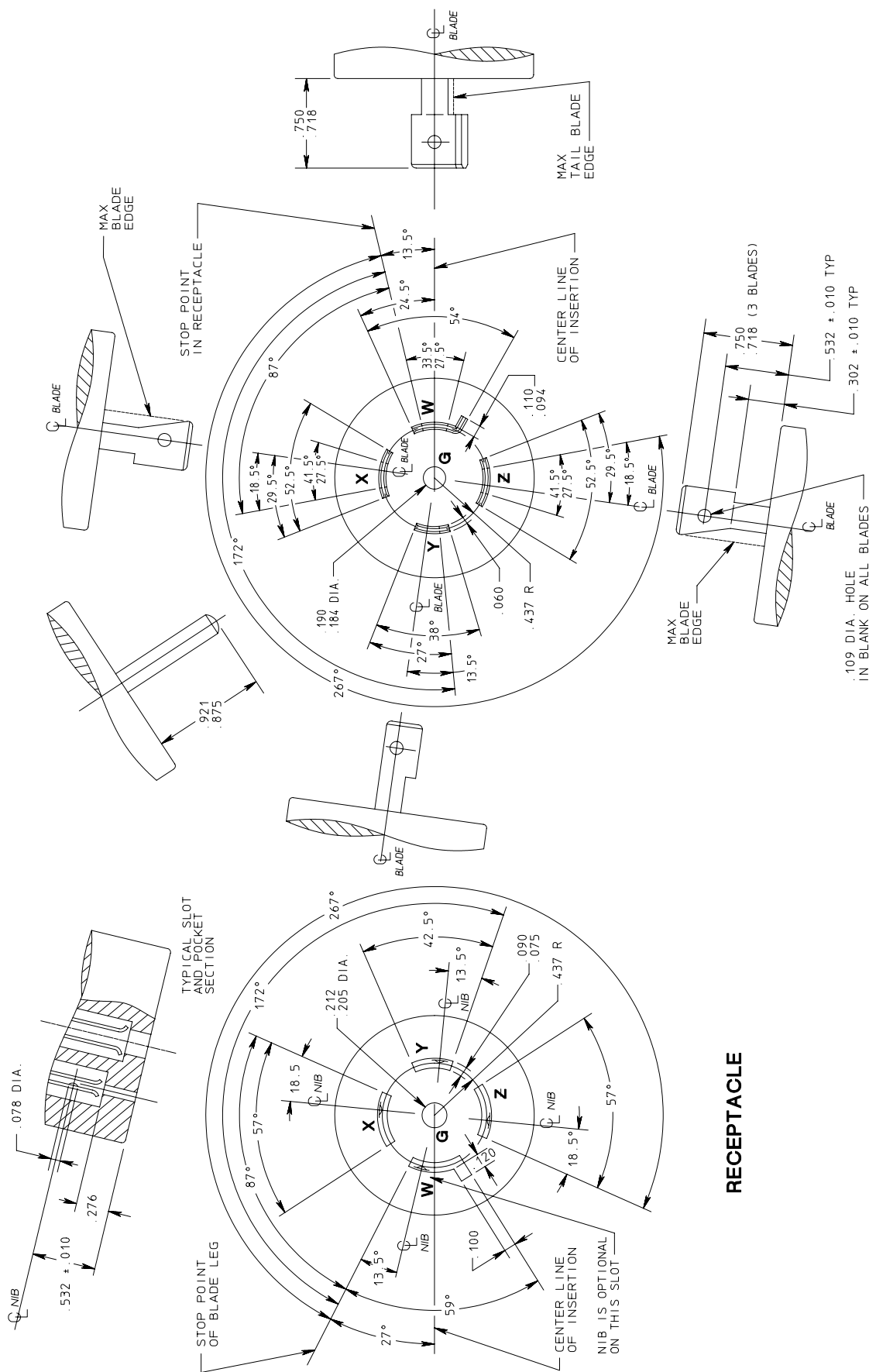


FIGURE L20-30
LOCKING TYPE PLUG AND RECEPTACLE
347/600 volts, 30 amperes, 3 phase Y, 4 pole, 4 wire

FIGURE L21-20
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 20 amperes, 3 phase Y, 4 p



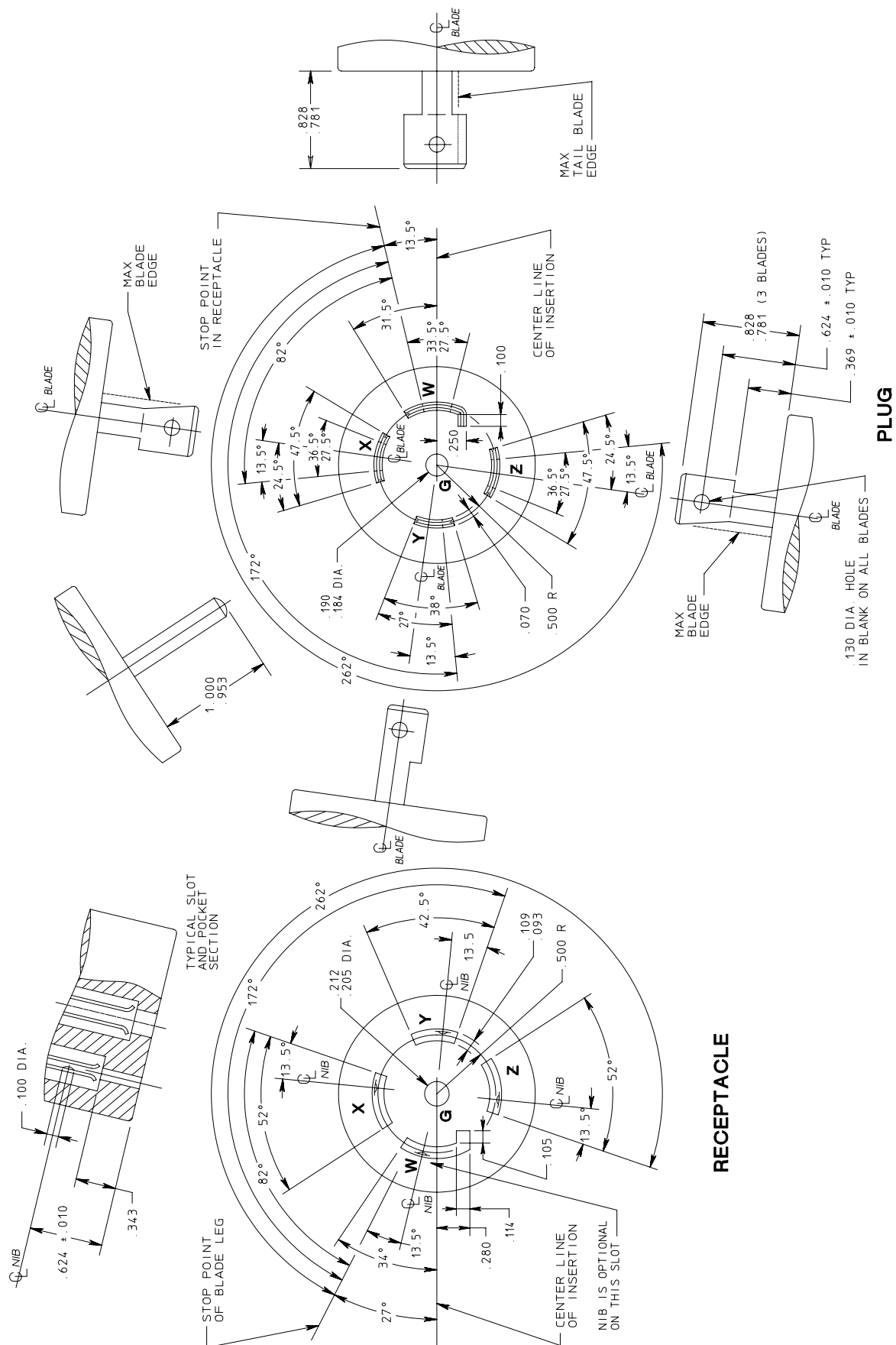
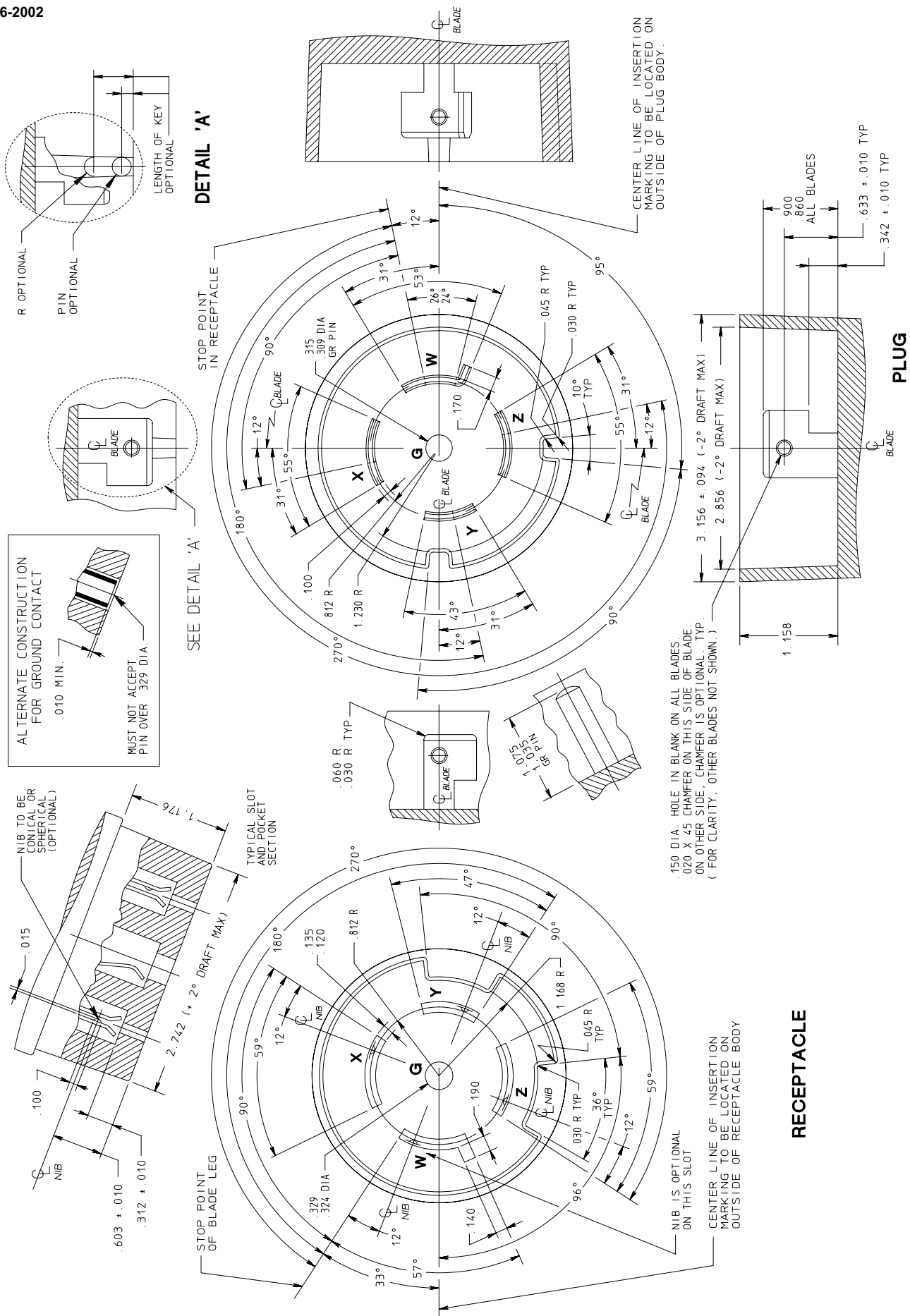


FIGURE L21-30
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 30 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

208 / 120 volts, 50 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding type





Grounding Type

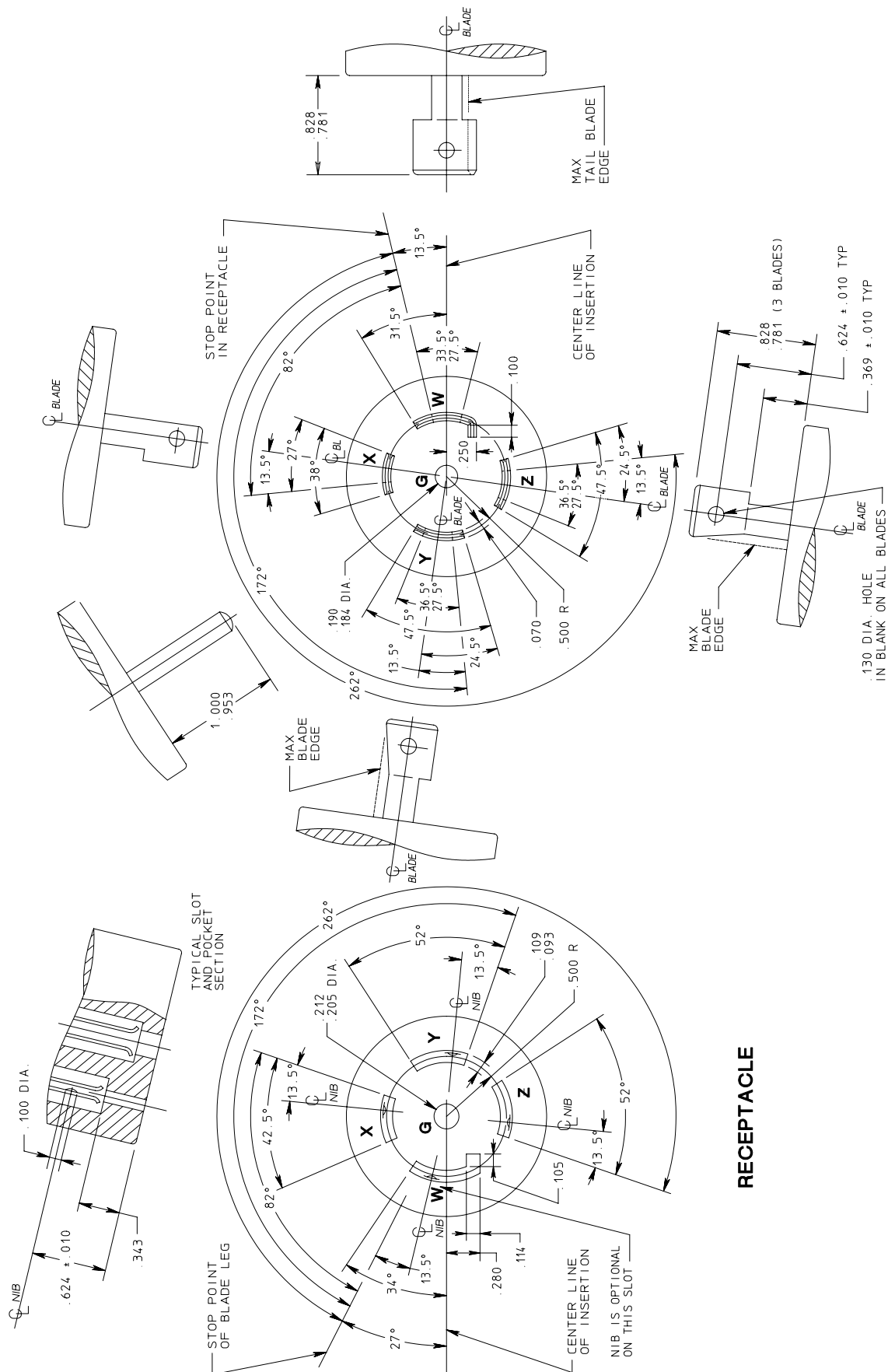
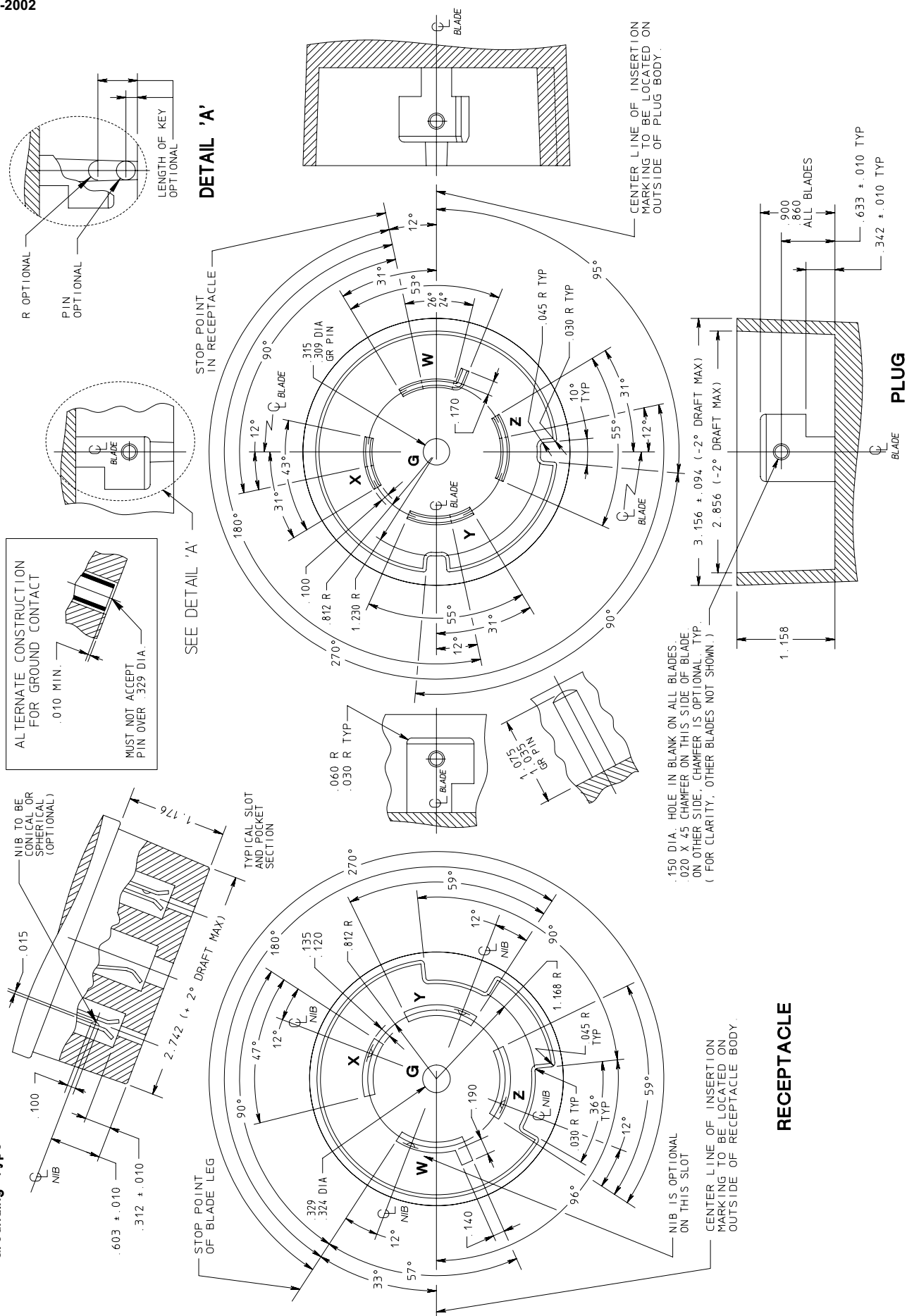


FIGURE L22-30
LOCKING TYPE PLUG AND RECEPTACLE
277/480 volts, 30 amperes, 3 phase Y, 4 pole, 5 wire, Grounding type

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



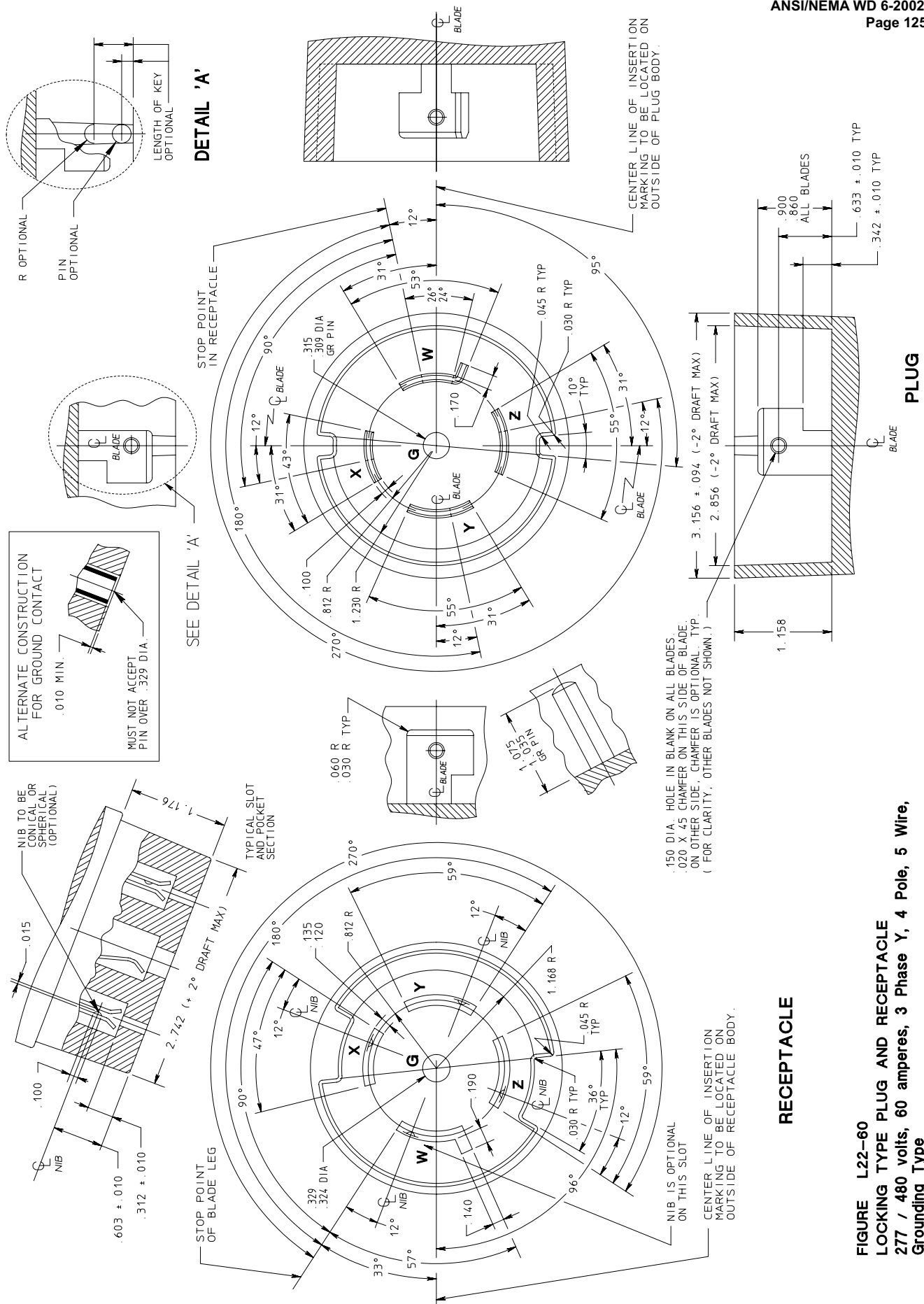


FIGURE L22-60
LOCKING TYPE PLUG AND RECEPTACLE
277 / 480 volts, 60 amperes, 3 Phase Y, 4 Pole, 5 Wire,
Grounding Type

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

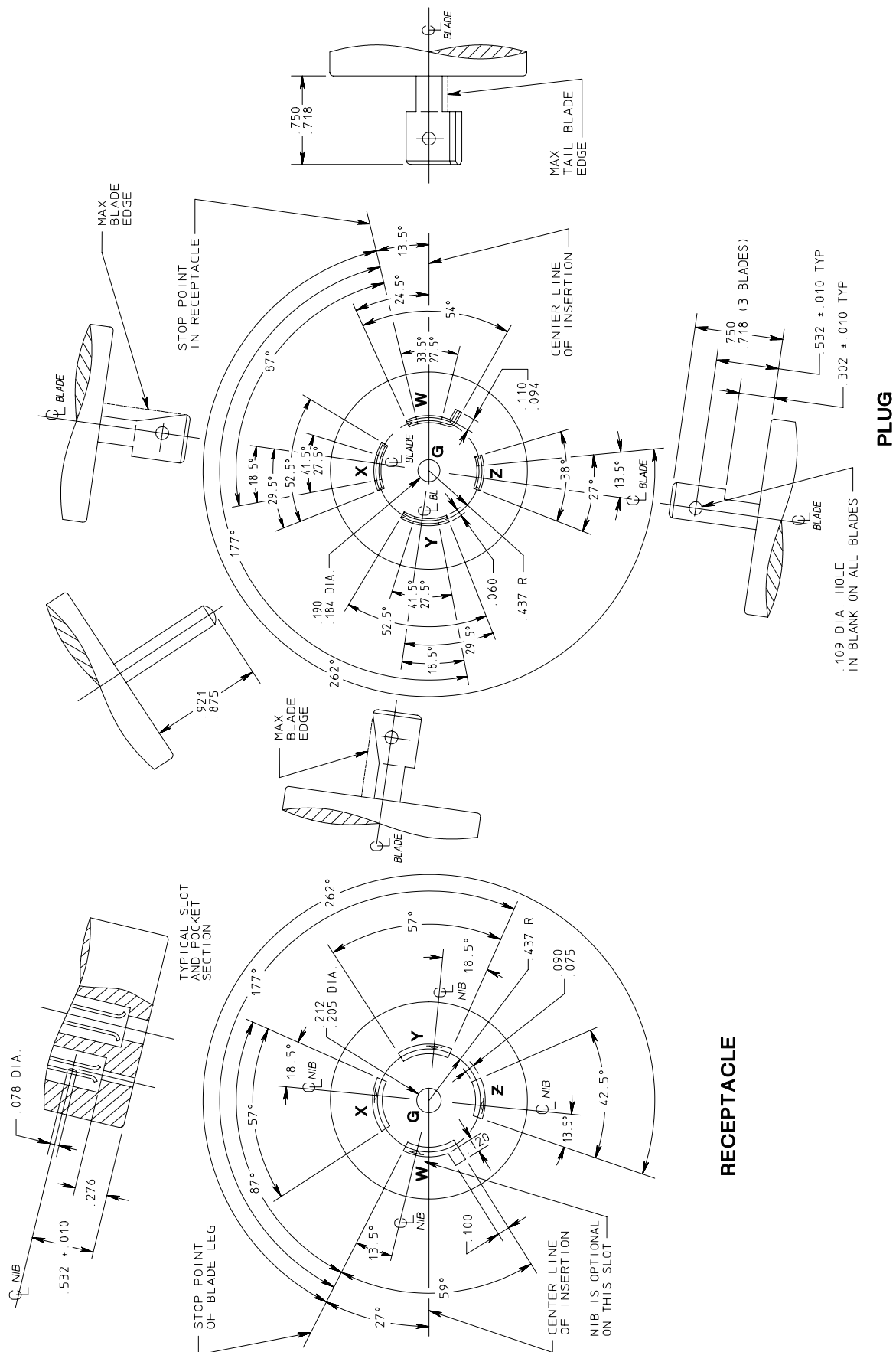
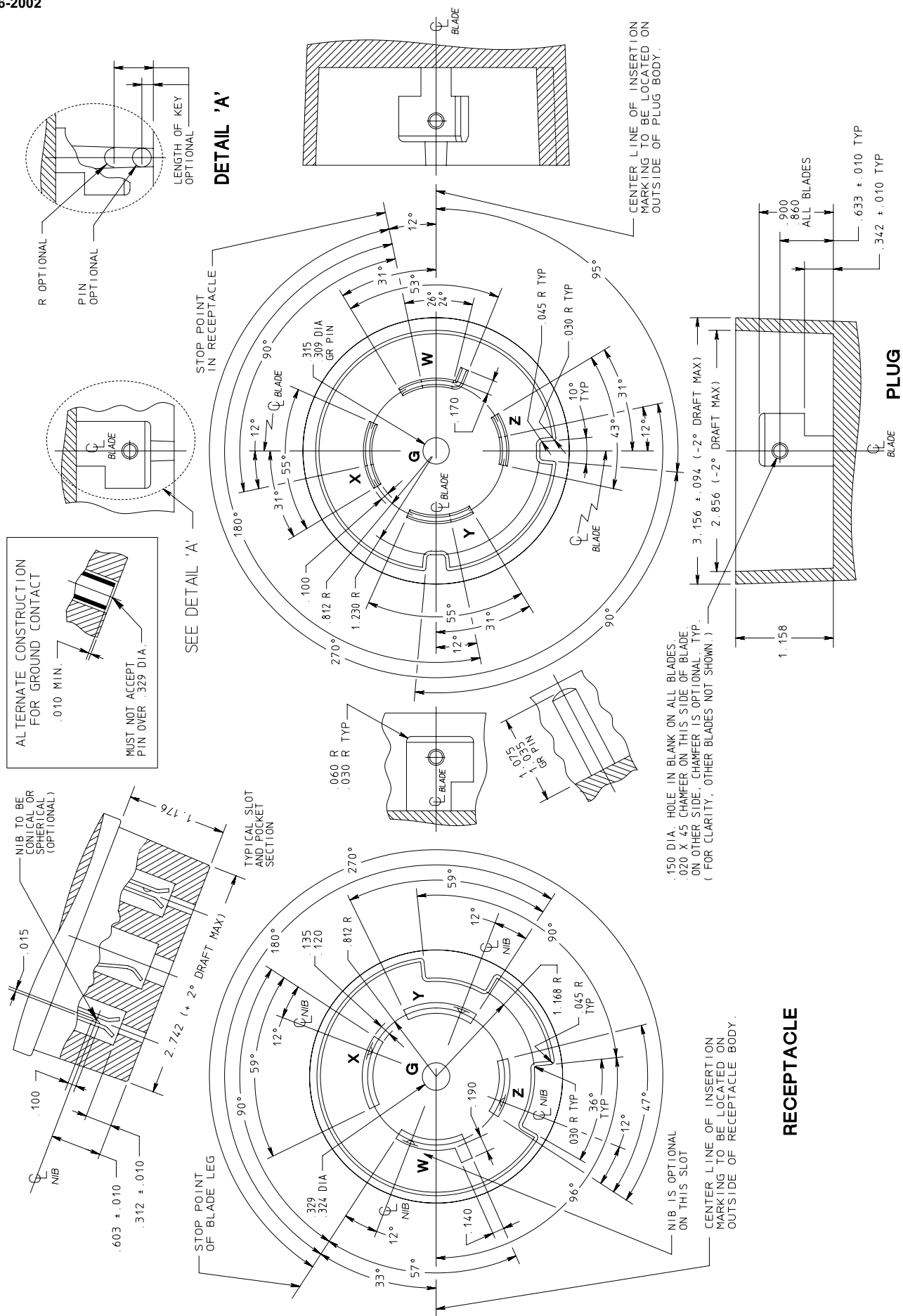




FIGURE L23-30

power cord, <http://www.yunhuanelectric.com/>

FIGURE L23-50
LOCKING TYPE PLUG AND RECEPTACLE
600 / 347 volts, 50 amperes, 3 Phase Y, 4



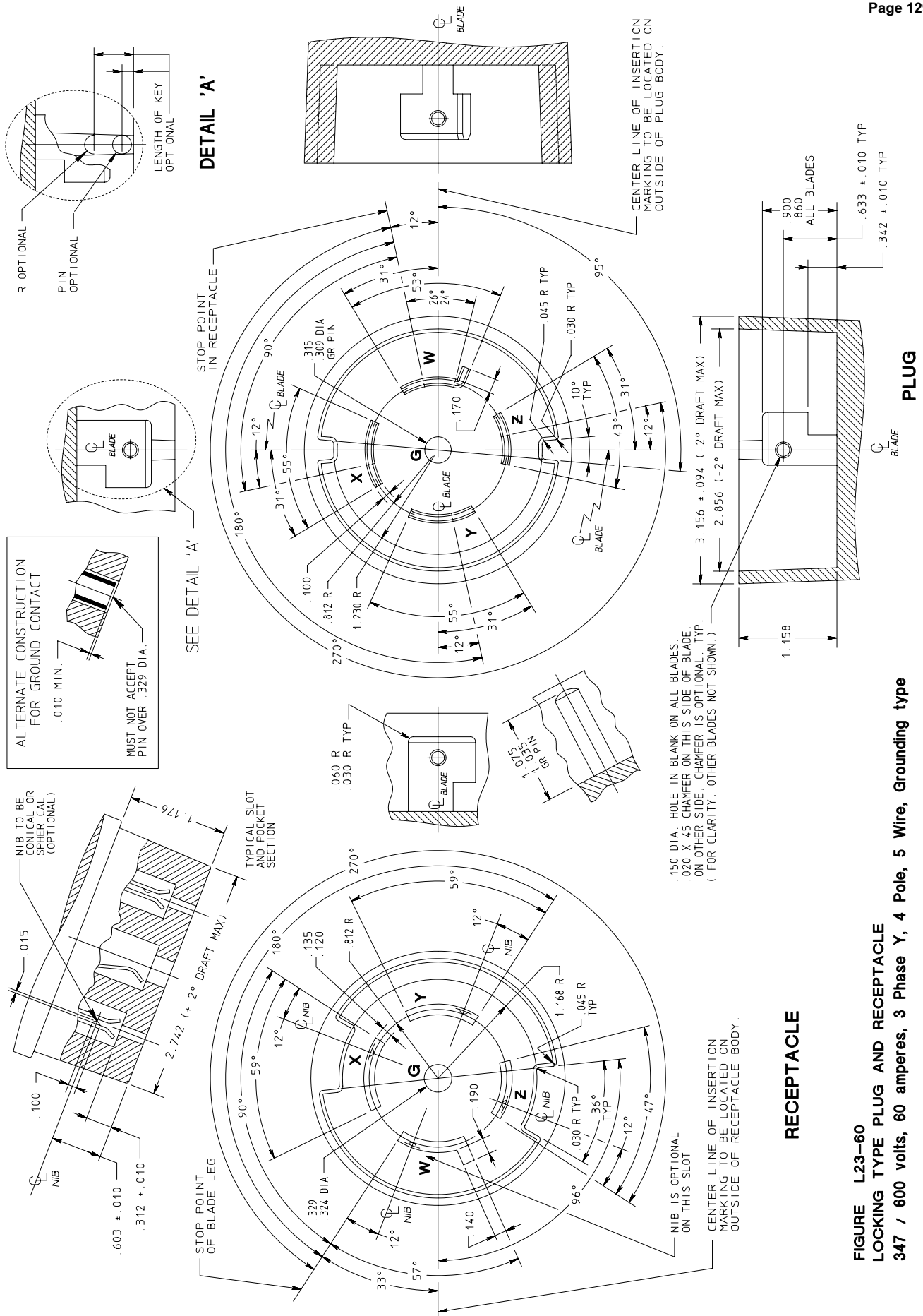
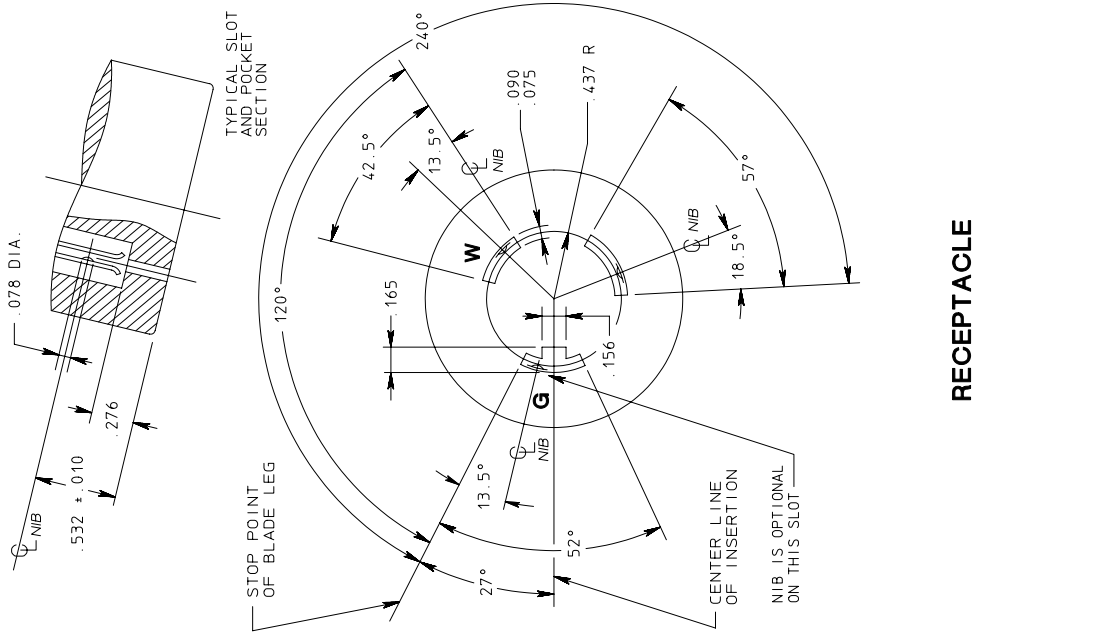


FIGURE L23-60
LOCKING TYPE PLUG AND RECEPTACLE
347 / 600 volts, 60 amperes, 3 Phase Y, 4 Pole, 5 Wire, Grounding type

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



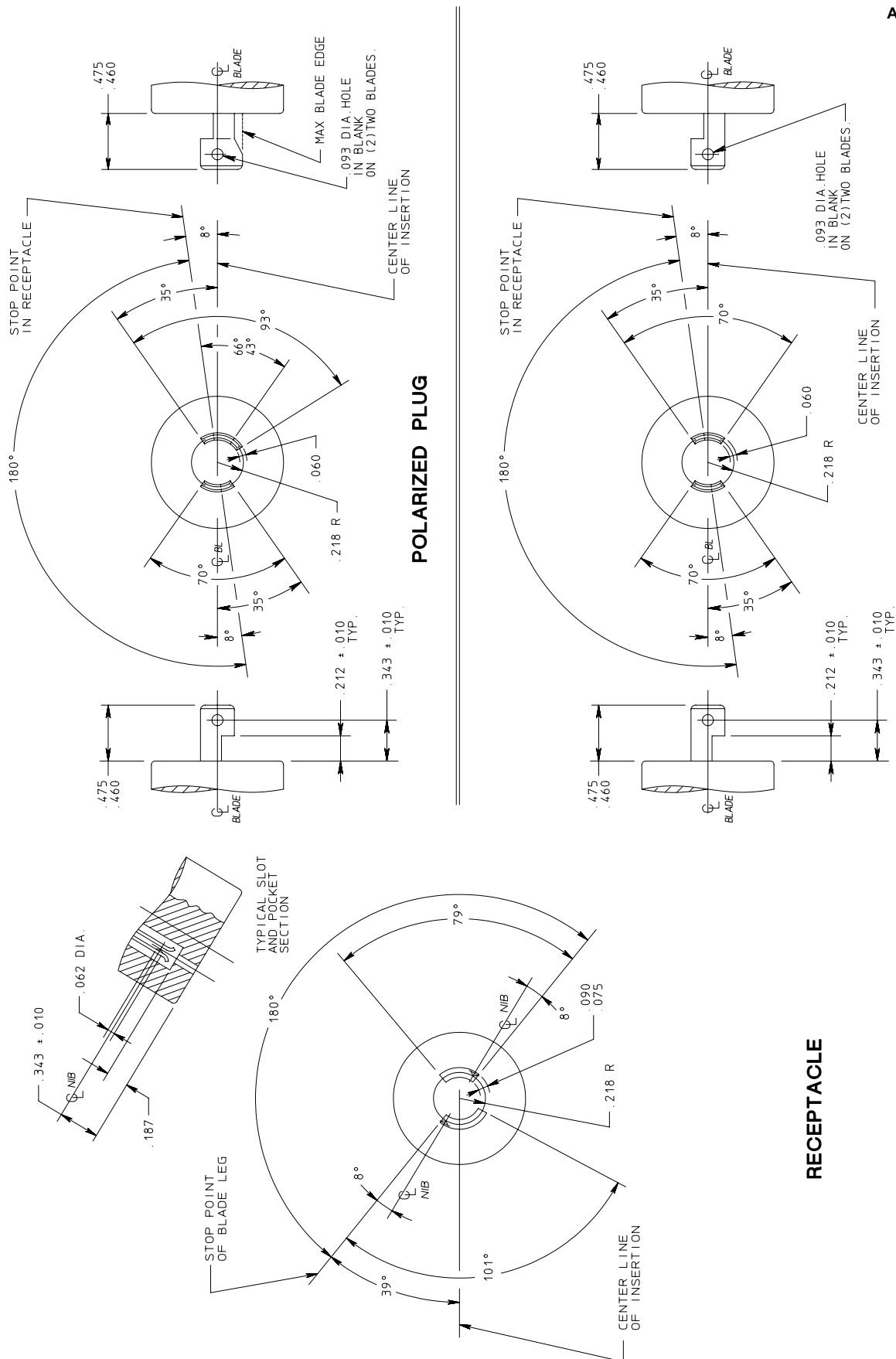
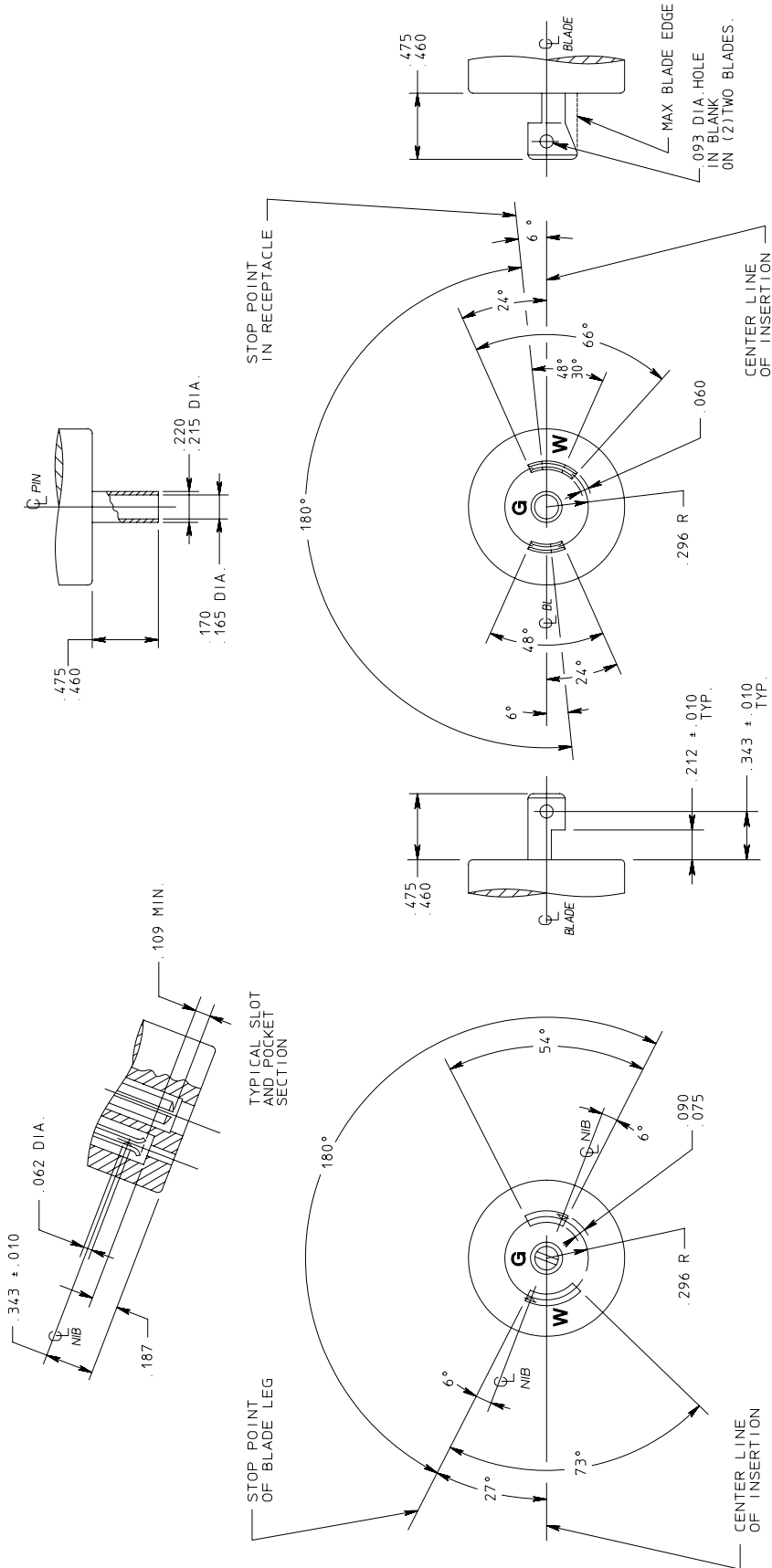


FIGURE ML-1
MIDGET LOCKING TYPE PLUG AND RECEPTACLE
125 volts, 15 amperes, 2 pole, 2 wire

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



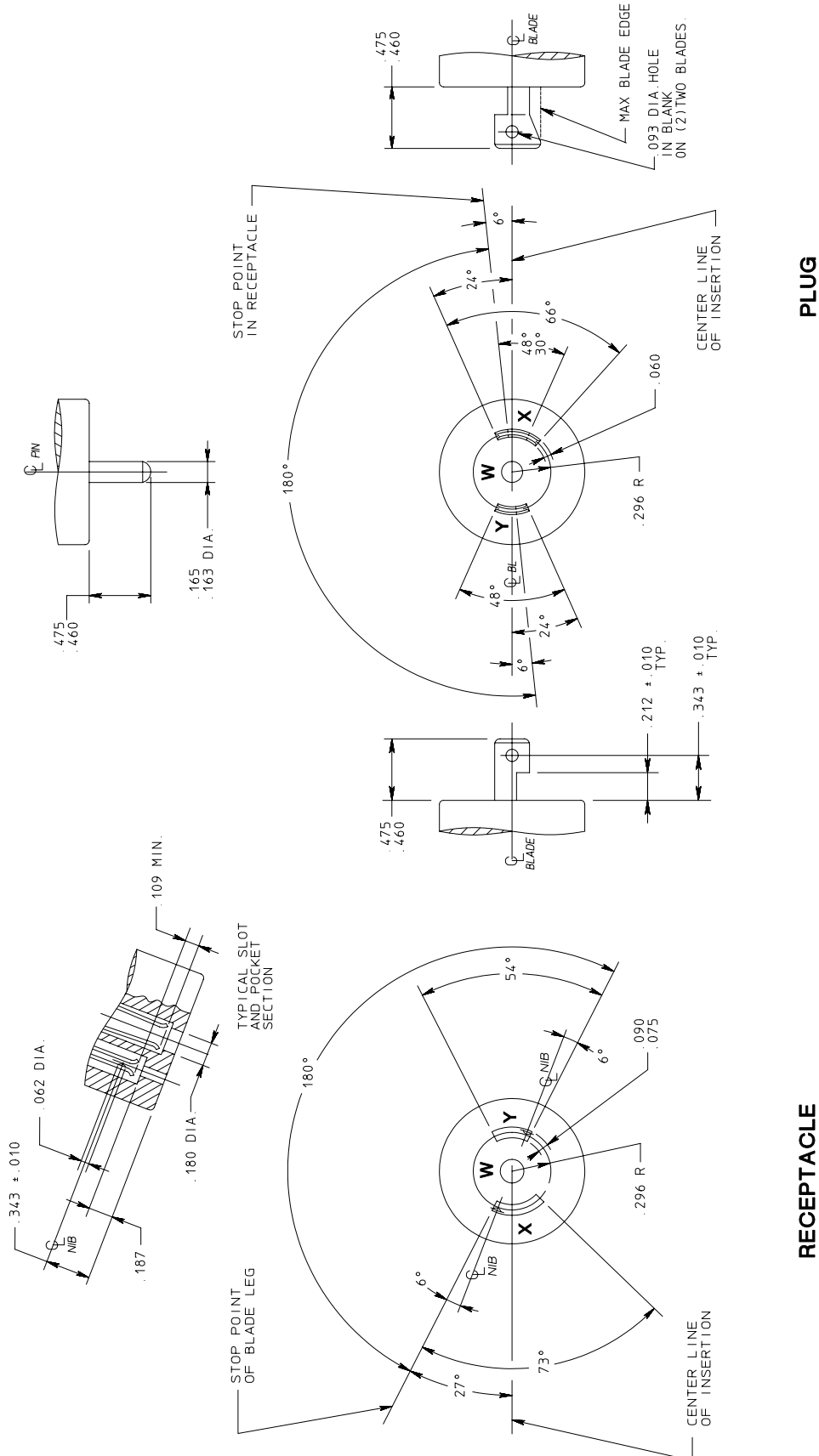
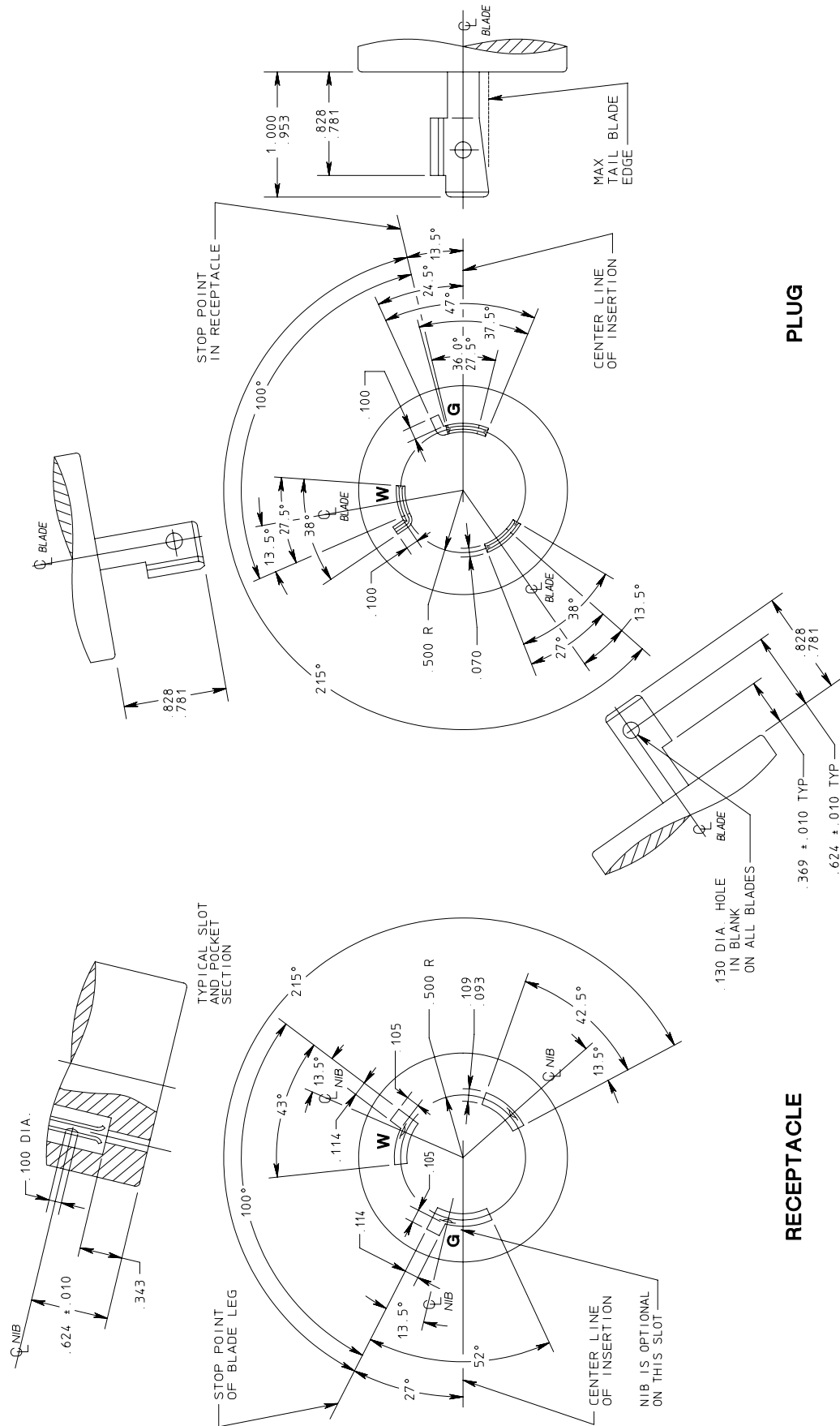


FIGURE FSL 1
LOCKING TYPE PLUG AND RECEPTACLE
28 volts DC, 30 amperes, 2 pole, 3 wire, Grounding type



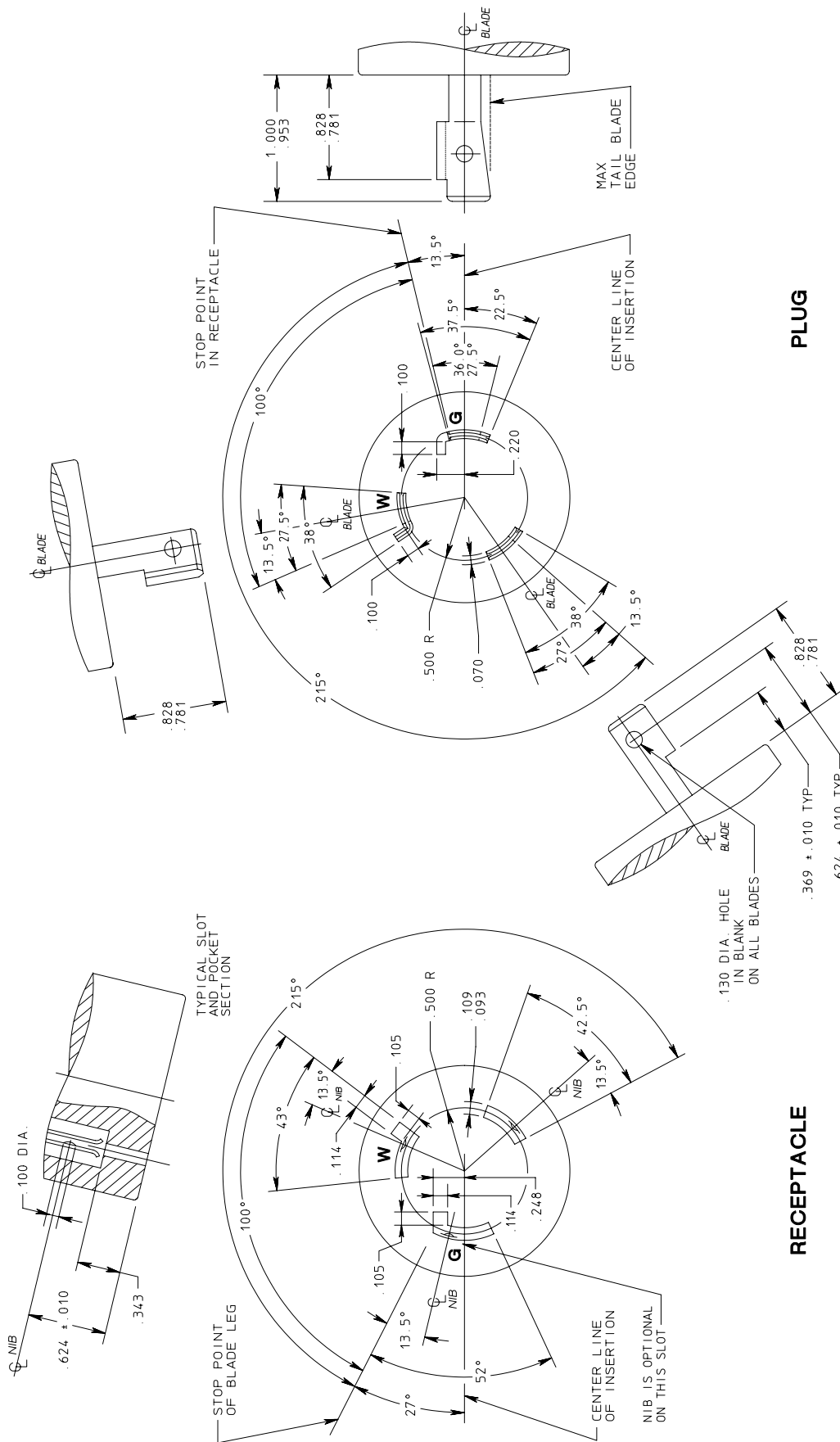
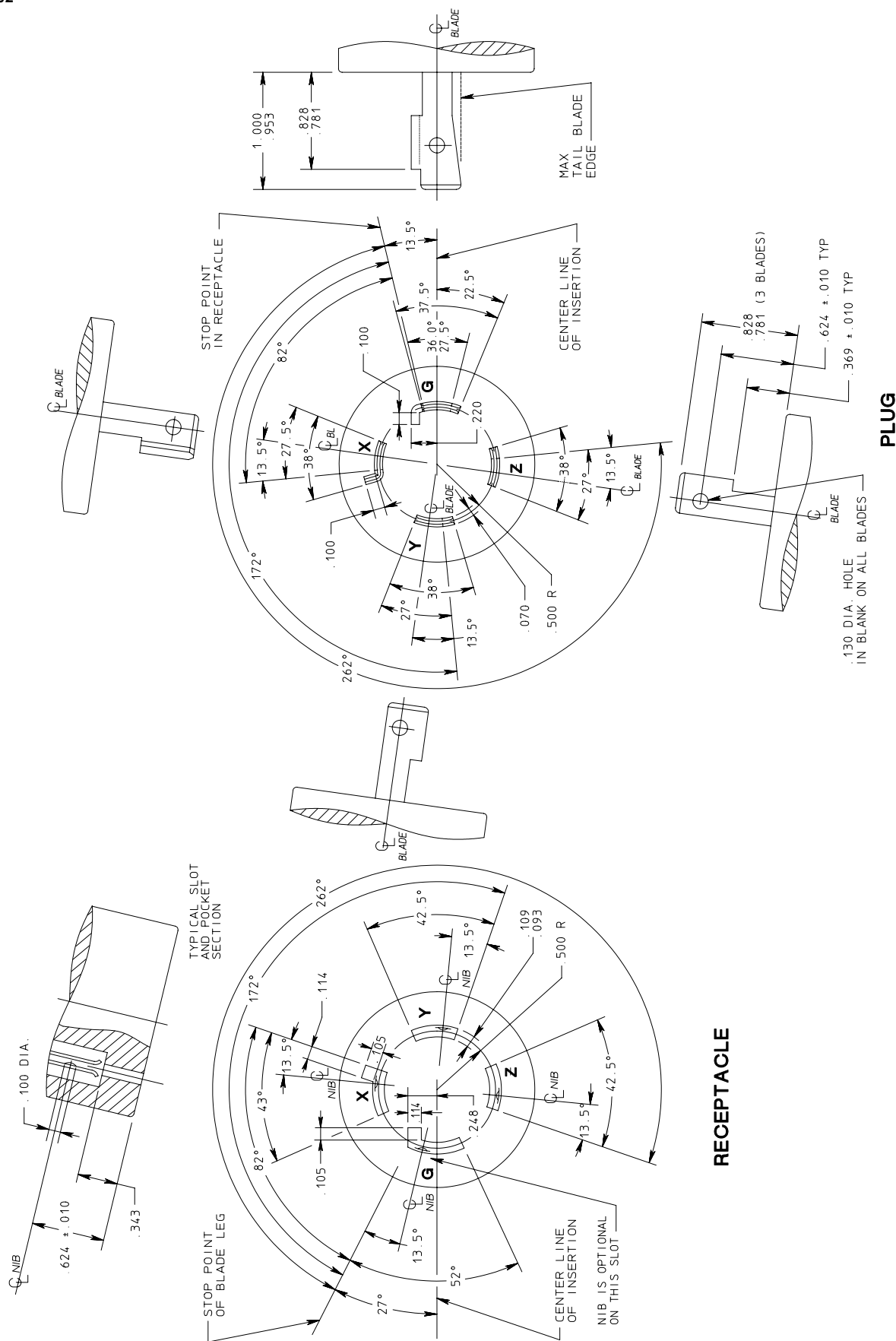


FIGURE FSL 2
LOCKING TYPE PLUG AND RECEPTACLE
120 volts, 30 amperes, 400 Hz, 2 pole, 3 wire, Grounding type

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



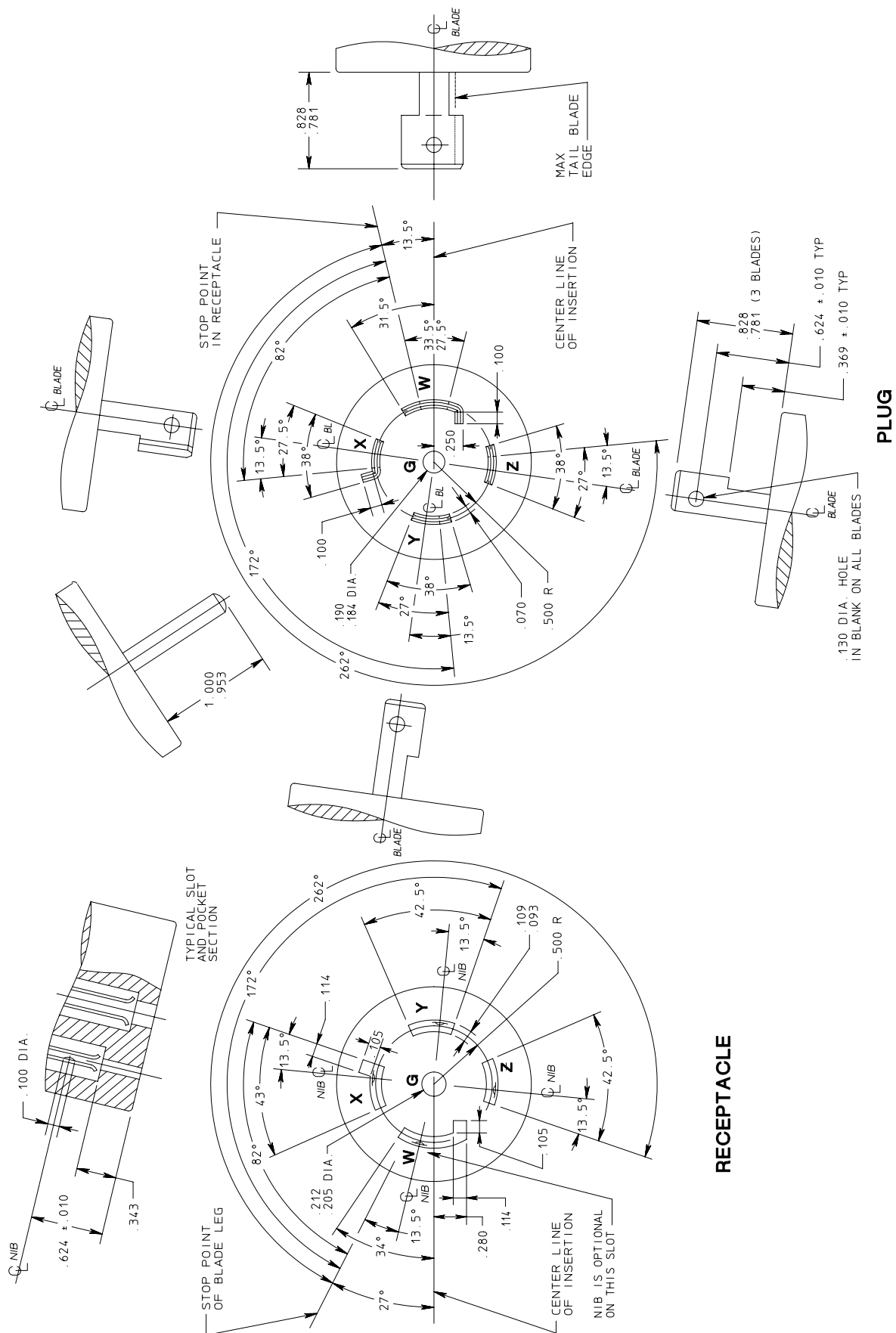


FIGURE FSL 4
LOCKING TYPE PLUG AND RECEPTACLE
120/208 volts, 30 amperes, 3 phase Y, 400 HZ, 4 pole, 5 wire, Grounding type

125 Volts AC	50 amperes	2 pole	3 wire	Grounding type
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4- ON RECEPTACLE, THE END OF THE CIRCUMFERENTIAL PORTION OF THE KEYWAY IS 35° MIN FROM KEYWAY CENTERLINE.



NOTES:

- 1- ON RECEPTACLE, GROUNDING CONTACT (TO SS-2P SHROUD) SHALL BE BONDED TO GROUNDING TERMINAL. GROUNDING CONTACT MAY BE A PORTION OF A METALLIC CIRCUMFERENTIAL SHELL.
- 2- ON PLUG, SPRING CONTACT SHALL BE BONDED TO METALLIC SHROUD AND CONNECTED TO GROUNDING TERMINAL.
- 3- ON PLUG, KEYWAYS MAY BE FORMED AS SHOWN, OR MAY BE FULLY OPENED.
- 4- ON RECEPTACLE, THE END OF THE CIRCUMFERENTIAL PORTION OF THE KEYWAY IS 35° MIN. FROM KEYWAY CENTERLINE.

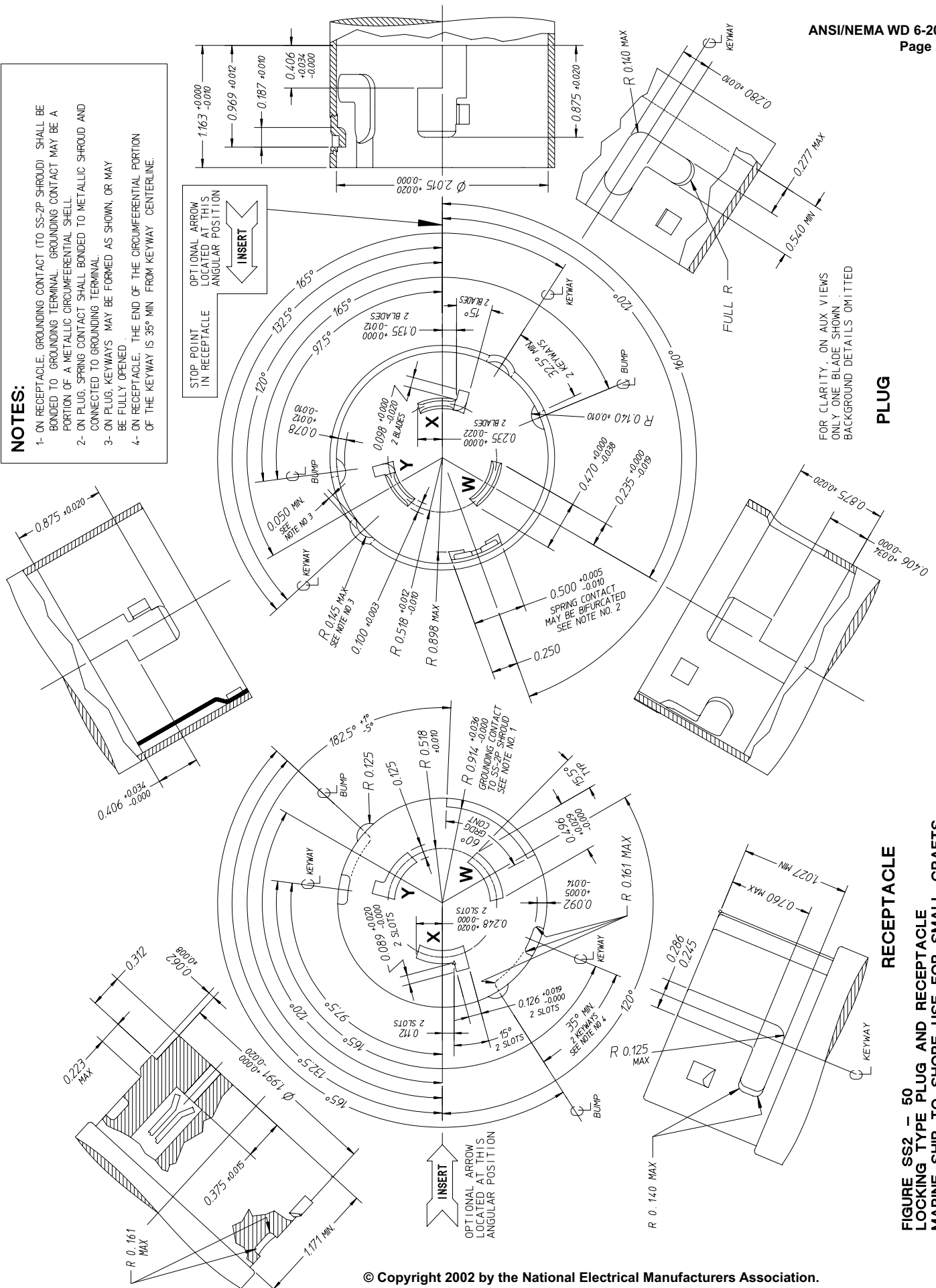
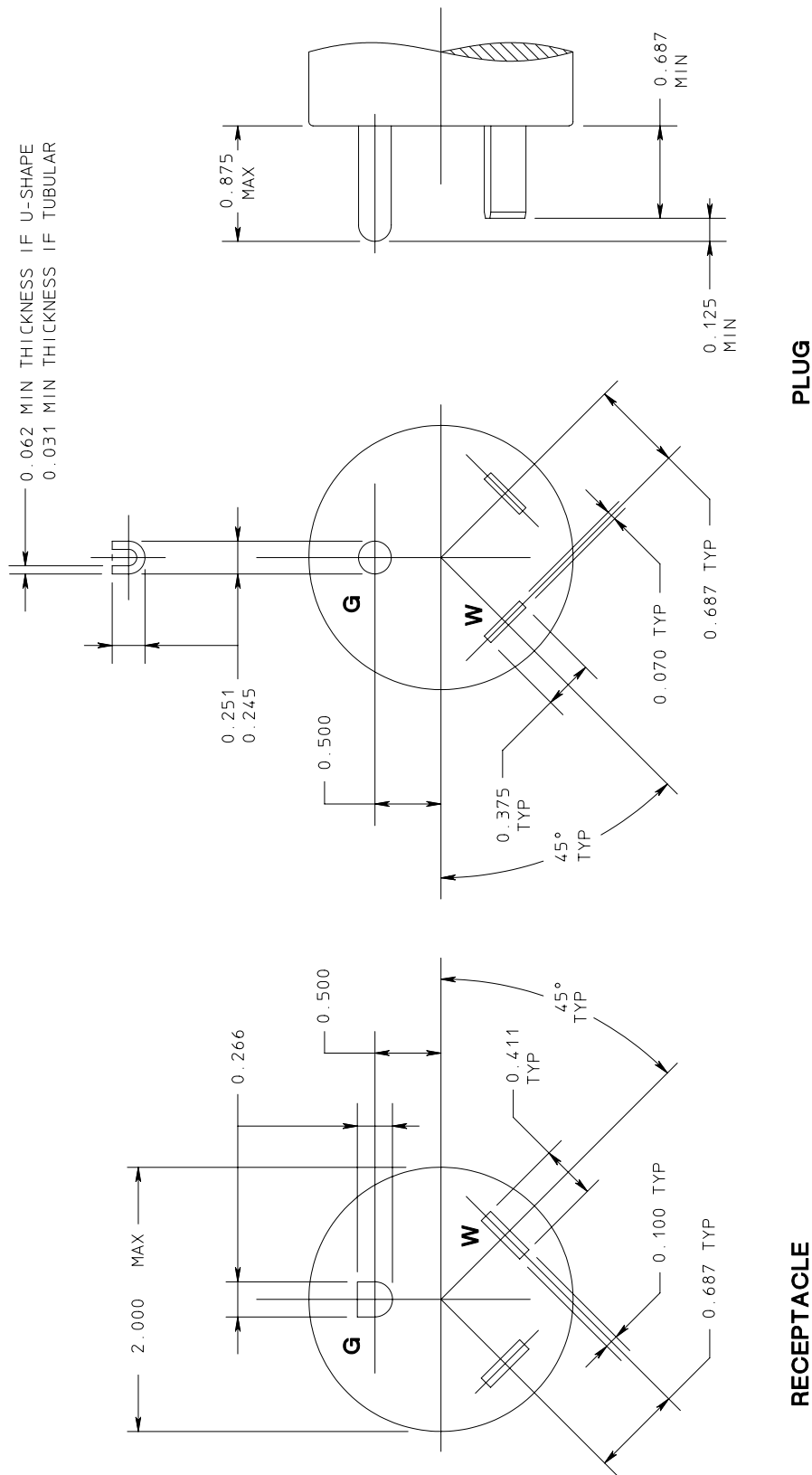


FIGURE SS2 - 50
LOCKING TYPE PLUG AND RECEPTACLE
MARINE SHIP-TO-SHORE USE FOR SMALL CRAFTS
125/250 Volts, 50 amperes, 3 pole, 4 wire, Grounding type

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	ML1-15R 	 ML1-15P				
	125V, 2 POLE, 3 WIRE GROUNDING	ML2	ML2-15R 	 ML2-15P				
	125/250V, 3 POLE, 3 WIRE	ML3	ML3-15R 	 ML3-15P				
FSL CONFIGURATIONS	28V DC, 2 POLE, 3 WIRE GROUNDING	FSL1			FSL1-30R 	 FSL1-30P		
	120V, 400HZ, 2 POLE, 3 WIRE GROUNDING	FSL2			FSL2-30R 	 FSL2-30P		
	120V, 400 HZ, 3-PHASE 3 POLE, 4 WIRE GROUNDING	FSL3			FSL3-30R 	 FSL3-30P		
	120/208V, 3 Ø Y, 400 HZ 4 POLE, 5 WIRE GROUNDING	FSL4			FSL4-30R 	 FSL4-30P		
MARINE SHIP-TO-SHORE	125V, 2 POLE, 3 WIRE GROUNDING	SS1					SS1-50R 	 SS1-50P
	125/250V, 3 POLE, 4 WIRE GROUNDING	SS2					SS2-50R 	 SS2-50P
TRAVEL TRAILER	120V AC, 2 POLE, 3 WIRE GROUNDING	TT			TT-30R 	 TT-30P		

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	1-15R	1-15P POLARIZED								
	250V	2		2-15P MATES WITH 6-15R	2-20R	2-20P	2-30R	2-30P				
	277V AC	3										
	600V	4										
2-POLE 3-WIRE GROUNDING	125V	5	5-15R	5-15P	5-20R	5-20P	5-30R	5-30P	5-50R	5-50P		
	125V	5ALT			5ALT-20R							
	250V	6	6-15R	6-15P	6-20R	6-20P	6-30R	6-30P	6-50R	6-50P		
	250V	6ALT			6ALT-20R							
	277V AC	7	7-15R	7-15P	7-20R	7-20P	7-30R	7-30P	7-50R	7-50P		
	347V AC	24	24-15R	24-15P	24-20R	24-20P	24-30R	24-30P	24-50R	24-50P		
	480V AC	8										
	600V AC	9										
3-POLE 3-WIRE	125 / 250V	10			10-20R	10-20P	10-30R	10-30P	10-50R	10-50P		
	3 Ø 250V	11	11-15R	11-15P	11-20R	11-20P	11-30R	11-30P	11-50R	11-50P		
	3 Ø 480V	12										
	3 Ø 600V	13										
3-POLE 4-WIRE GROUNDING	125 / 250V	14	14-15R	14-15P	14-20R	14-20P	14-30R	14-30P	14-50R	14-50P	14-60R	14-60P
	3 Ø 250V	15	15-15R	15-15P	15-20R	15-20P	15-30R	15-30P	15-50R	15-50P	15-60R	15-60P
	3 Ø 480V	16										
	3 Ø 600V	17										
4-POLE 4-WIRE	3 Ø Y 120 / 208V	18	18-15R	18-15P	18-20R	18-20P	18-30R	18-30P	18-50R	18-50P	18-60R	18-60P
	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										

NEMA CONFIGURATIONS 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