SEMI CIRCLE

PURPOSE
Draws a semi-circle.

DESCRIPTION
The 2 pairs of coordinates define the (x,y) values for one end and the other end (respectively) of the diameter of the semi-circle.

SYNTAX
SEMI-CIRCLE <x1> <y1> <x2> <y2>
where <x1> is a number or parameter in the range 0 to 100 that specifies the horizontal coordinate of one end;
<y1> is a number or parameter in the range 0 to 100 that specifies the vertical coordinate of one end;
<x2> is a number or parameter in the range 0 to 100 that specifies the horizontal coordinate of the other end;
and <y2> is a number or parameter in the range 0 to 100 that specifies the vertical coordinate of the other end.

EXAMPLES
SEMI-CIRCLE 50 50 60 60
SEMI-CIRCLE 50 50 60 50
SEMI-CIRCLE A B C D

NOTE
The line style (i.e., solid, dash), color, and thickness of the semi-circle are controlled by the LINE, LINE COLOR, and LINE THICKNESS commands. The REGION FILL command can be used to generate solid filled circles while the REGION PATTERN command can be used to generate hatch filled patterns.

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
CIRCLE
ARROW
TRIANGLE
BOX
HEXAGON
SEMI-CIRCLE
ARC
ELLIPSE
OVAL
DIAMOND
DRAW
MOVE
LINE
LINE THICKNESS
LINE COLOR
CROSS-HAIR
TEXT

APPLICATIONS
Presentation graphics

IMPLEMENTATION DATE
Pre-1987
PROGRAM

SEMI-CIRCLE 10 10 20 20
SEMI-CIRCLE 60 10 80 30

THICKNESS 0.7
SEMI-CIRCLE 10 30 20 40
THICKNESS 0.2

LINE DASH
SEMI-CIRCLE 10 50 20 60
LINE SOLID

LINE COLOR G50
SEMI-CIRCLE 10 80 20 90
LINE COLOR BLACK

REGION FILL ON
SEMI-CIRCLE 30 30 35 35
REGION FILL COLOR G50
SEMI-CIRCLE 40 40 60 60

REGION FILL COLOR BLACK
REGION PATTERN D1D2
REGION PATTERN SPACING 3
SEMI-CIRCLE 75 60 90 72