Please put probe in the center of Datum B (Circle)

 ::::::::::::::::::::::::::::::::::::::::::::::::::::::::

RP\_B =FEAT/POINT,CARTESIAN

 THEO/<0,0,0>,<0,0,1>

 ACTL/<452.903,346.268,-648.693>,<0,0,1>

 READPOINT/

 MODE/DCC

A1\_TEMP =ALIGNMENT/START,RECALL:STARTUP,LIST=YES

 ALIGNMENT/TRANS,XAXIS,RP\_B

 ALIGNMENT/TRANS,YAXIS,RP\_B

 ALIGNMENT/TRANS,ZAXIS,RP\_B

 ALIGNMENT/END

FIXED =LABEL/

CIR\_B =FEAT/CONTACT/CIRCLE/DEFAULT,CARTESIAN,IN,LEAST\_SQR

 THEO/<0,0,0>,<0,0,1>,13.8

 ACTL/<0.317,0.276,0.134>,<-0.0007107,-0.0115813,0.9999327>,13.892

 TARG/<0,0,0>,<0,0,1>

 START ANG=0,END ANG=360

 ANGLE VEC=<1,0,0>

 DIRECTION=CCW

 SHOW FEATURE PARAMETERS=YES

 VOID DETECTION=NO

 REMEASURE=NO

 SURFACE=THICKNESS\_NONE,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 CIRCULAR MOVES=STRAIGHT

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 NUMHITS=8,DEPTH=0.5,PITCH=0

 SAMPLE METHOD=SAMPLE\_HITS

 SAMPLE HITS=3,SPACER=2

 AVOIDANCE MOVE=BOTH,DISTANCE=5

 FIND HOLE=CENTER,ONERROR=NO,READ POS=NO

 SHOW HITS=NO

SLTR\_C =FEAT/CONTACT/ROUND SLOT/DEFAULT,CARTESIAN,IN

 THEO/<-56.48,6.773,-5.163>,<0,0,1>,<0.9999882,0.0048483,0>,7.5,13.5

 ACTL/<-56.126,8.595,-4.863>,<0.001302,-0.0190847,0.999817>,<0.999957,-0.0091533,-0.0014769>,7.58,13.539

 TARG/<-56.48,6.773,-5.163>,<0,0,1>,<0.9999882,0.0048483,0>

 MEAS ANGLE=90

 SHOW FEATURE PARAMETERS=YES

 VOID DETECTION=NO

 REMEASURE=NO

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 NUMHITS=12,DEPTH=0.8

 SAMPLE METHOD=SAMPLE\_HITS

 SAMPLE HITS=3,SPACER=2

 AVOIDANCE MOVE=BOTH,DISTANCE=10

 FIND HOLE=CENTER,ONERROR=NO,READ POS=NO

 SHOW HITS=NO

PT\_A1 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<11,0,0>,<0,0,1>

 ACTL/<11.001,0,0.153>,<0,0,1>

 TARG/<11,0,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BEFORE,DISTANCE=10

 SHOW HITS=NO

PT\_A2 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<7.778,7.778,0>,<0,0,1>

 ACTL/<7.778,7.778,0.245>,<0,0,1>

 TARG/<7.778,7.778,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BOTH,DISTANCE=3

 SHOW HITS=NO

PT\_A3 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<0,11,0>,<0,0,1>

 ACTL/<0,11,0.27>,<0,0,1>

 TARG/<0,11,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BOTH,DISTANCE=3

 SHOW HITS=NO

PT\_A4 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<-7.778,7.778,0>,<0,0,1>

 ACTL/<-7.778,7.778,0.248>,<0,0,1>

 TARG/<-7.778,7.778,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BOTH,DISTANCE=3

 SHOW HITS=NO

PT\_A5 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<-11,0,0>,<0,0,1>

 ACTL/<-11,0,0.18>,<0,0,1>

 TARG/<-11,0,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BOTH,DISTANCE=3

 SHOW HITS=NO

PT\_A6 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<-7.778,-7.778,0>,<0,0,1>

 ACTL/<-7.778,-7.778,0.059>,<0,0,1>

 TARG/<-7.778,-7.778,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BOTH,DISTANCE=3

 SHOW HITS=NO

PT\_A7 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<0,-11,0>,<0,0,1>

 ACTL/<0,-11,0.017>,<0,0,1>

 TARG/<0,-11,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BOTH,DISTANCE=3

 SHOW HITS=NO

PT\_A8 =FEAT/CONTACT/VECTOR POINT/DEFAULT,CARTESIAN

 THEO/<7.778,-7.778,0>,<0,0,1>

 ACTL/<7.778,-7.778,0.067>,<0,0,1>

 TARG/<7.778,-7.778,0>,<0,0,1>

 SNAP=NO

 SHOW FEATURE PARAMETERS=YES

 SURFACE=THEO\_THICKNESS,0

 MEASURE MODE=NOMINALS

 RMEAS=NONE,NONE,NONE

 AUTO WRIST=NO

 GRAPHICAL ANALYSIS=NO

 FEATURE LOCATOR=NO,NO,""

 SHOW CONTACT PARAMETERS=YES

 AVOIDANCE MOVE=BOTH,DISTANCE=3

 SHOW HITS=NO

PLN\_A =FEAT/PLANE,CARTESIAN,TRIANGLE,NO

 THEO/<0,0,0>,<0,0,1>

 ACTL/<0,0,0.155>,<0.0005228,-0.0116587,0.9999319>

 CONSTR/PLANE,BF,PT\_A1,PT\_A2,PT\_A3,PT\_A4,PT\_A5,PT\_A6,PT\_A7,PT\_A8,,

 OUTLIER\_REMOVAL/OFF,3

 FILTER/OFF,WAVELENGTH=0

A3\_ABC =ALIGNMENT/START,RECALL:STARTUP,LIST=YES

 ALIGNMENT/LEVEL,ZPLUS,PLN\_A

 ALIGNMENT/ROTATE\_CIRCLE,XPLUS,TO,SLTR\_C,AND,CIR\_B,ABOUT,ZPLUS

 ALIGNMENT/ROTATE\_OFFSET,6.838,ABOUT,ZPLUS

 ALIGNMENT/TRANS,ZAXIS,PLN\_A

 ALIGNMENT/TRANS,XAXIS,CIR\_B

 ALIGNMENT/TRANS,YAXIS,CIR\_B

 ALIGNMENT/END

 DIM LOC1= LOCATION OF PLANE PLN\_A UNITS=MM ,$

 GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH HALF ANGLE=NO

 AX NOMINAL +TOL -TOL MEAS DEV OUTTOL

 Z 0.000 0.000 0.000 0.000 0.000 0.000 #--------

 END OF DIMENSION LOC1

 DIM LOC2= POSITION OF CIRCLE CIR\_B UNITS=MM ,$

 GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH FIT TO DATUMS=OFF DEV PERPEN CENTERLINE=OFF DISPLAY=DIAMETER

 AX NOMINAL +TOL -TOL BONUS MEAS DEV OUTTOL

 X 0.000 0.000 0.000

 Y 0.000 0.000 0.000

 DF 13.800 0.100 0.100 13.892 0.092 0.000 --------#

 TP RFS 0.010 0.000 0.000 0.000 0.000 #--------

 END OF DIMENSION LOC2

 DIM LOC3= POSITION OF SLOT SLTR\_C UNITS=MM ,$

 GRAPH=OFF TEXT=OFF MULT=10.00 OUTPUT=BOTH FIT TO DATUMS=OFF DEV PERPEN CENTERLINE=OFF DISPLAY=DIAMETER

 AX NOMINAL +TOL -TOL BONUS MEAS DEV OUTTOL

 X -56.480 -56.635 -0.155

 Y 6.773 6.791 0.019

 Z -5.163 -5.147 0.016

 LF 13.500 0.250 0.250 13.539 0.039 0.000 -----#---

 WF 7.500 0.100 0.100 7.580 0.080 0.000 --------#

 TP RFS 0.200 0.000 0.314 0.314 0.114 -------->

 END OF DIMENSION LOC3