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