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Ref: 9900-I-M3FS8

# FastSHAPES® - RORT 32Bit

## TYPICAL APPLICATIONS

Anywhere a Rectangle - Offset Round Transformer (Square to Round) is needed, especially with thick plate.  
Ducts, flues, shrouds etc..

## TECHNICAL DESCRIPTION

Uses triangulation development method  
Finite thickness of plate is provided for - uses a radiused corner in the rectangle.  
Up to 8 longitudinal seams permitted.  
Parallel inlet and outlet planes  
Axial offsets permitted

## DATA REQUIREMENTS

Dimensions of base rectangle and corner radius  
Diameter of round end  
Material, Plate thickness, Height of structure  
Lateral offsets of round relative to rectangular base.  
Longitudinal seam locations, Collars  
Green, applied to longitudinal seam edges for pressing.  
Number of strakes in body (up to 10)

## OUTPUT

Patterns in any of the following forms ...  
FastCAM file  
2D DXF file, 3D DXF File  
NC Program  
Costing Data, including Mass & Length of Cut  
Coordinate Table

## PROGRAM REFERENCE

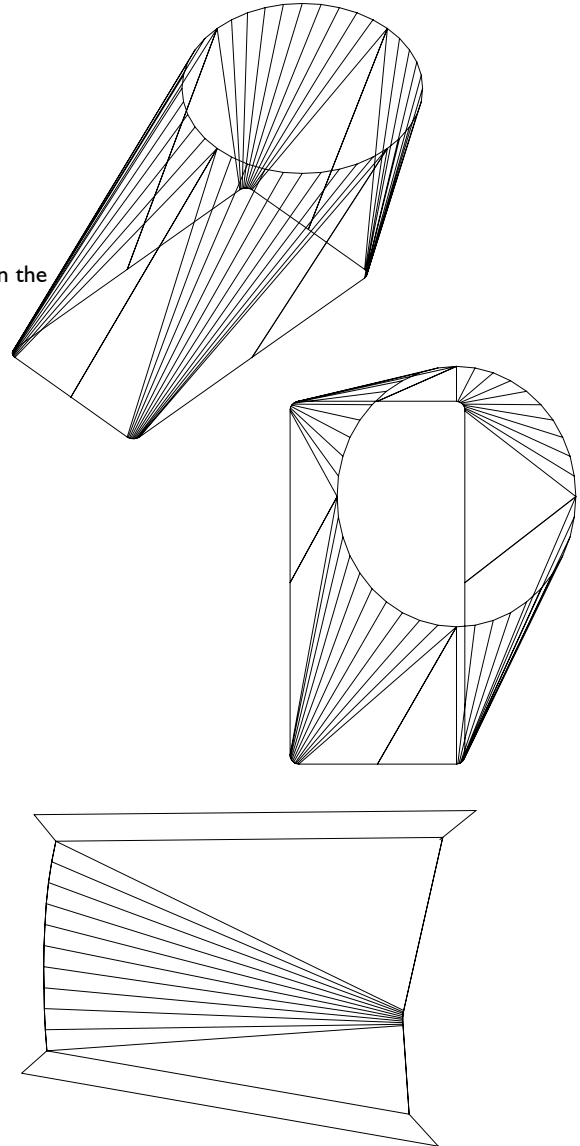
M3FS8 : RORT

## OTHER REFERENCES

M3FS7 : RECTIRCLE (for more complex transformers)  
M3FS11 : BEND (multigore bends, rectircle to round, among others)

## COMMON NAME

SQUARE TO ROUND



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