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Ref: 9900-I-M3FS15

FastSHAPES® - CBranch 32Bit

TYPICAL APPLICATIONS

Fluids Conveying - branched takeoffs, conical and circular transitions
 Nozzles in tank roofs or hoppers.

TECHNICAL DESCRIPTION

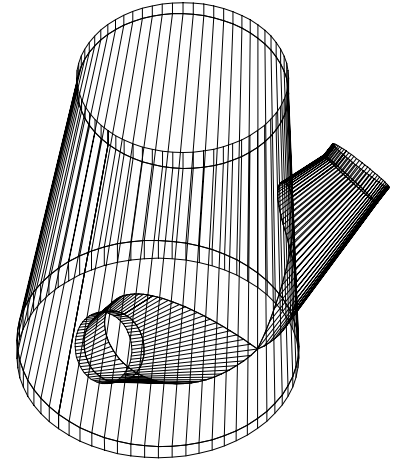
Conical body with 0,1 or 2 conical branches. (two branches are opposite)
 Body may be upright on its centreline axis, or offset to achieve an upright rear face.

Branches in-plane with body, or offset

Branch axes inclined to body axis.

Collars permitted, mandatory for certain setouts.

Uses radial line method of development, Up to 4 longitudinal joints, gree



DATA REQUIREMENTS

Selection of offset options and number of branches

Material, Plate thickness, Diameters of body at inlet and outlet

Height of Body, Body collar dimensions (may be mandatory)

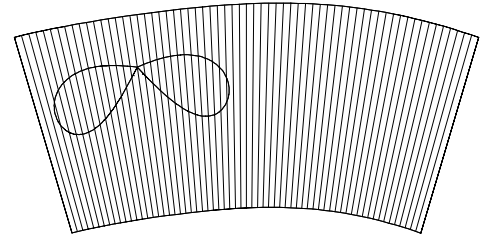
Branch base dimension and location, Diameter of branch outlets

Branch collar dimension (may be mandatory)

Branch length and outlet direction

Longitudinal seam locations

Green and seam offset dimensions.



OUTPUT

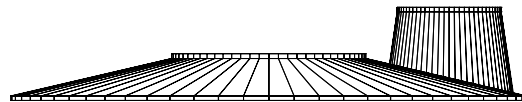
Patterns in any of the following forms ...

FastCAM file, 2D DXF file, 3D DXF File

NC Program

Coordinate Table

Costing Data, including Mass & Length of Cut



PROGRAM REFERENCE

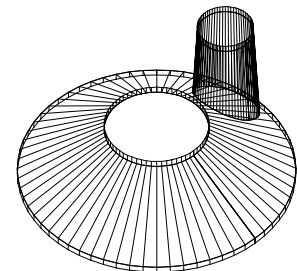
M3FS15 : CBRANCH

OTHER REFERENCES

M3FS6 : PBRANCH (Pipe branch from main pipe)

M3FS17 : BIFURC8 (Generalized Bifurcation)

M3FS21 : PENSTOCK (General right-circular-conical bends)



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