FastCAM® FastNEST® FastCOPY® FastTRACK® FastCUT® FastBEAM®* FastPART® FastSHAPES® FastAIR® FastPATH™ FastFRAME® FastHULL® FastPUNCH®* FastRING™ FastEST™ FastLINK™



Ref: 9900-1-M3FS21

FastSHAPES® - PENSTOCK # 32Bit

TYPICAL APPLICATIONS

Hydro-electric penstocks, distributor pipework Generalized tubes and bends, circular cross-sections

TECHNICAL DESCRIPTION

Setout by method of common central spheres

Radial line development method

Weld preparations included in developments

Up to 100 consecutive cones per penstock

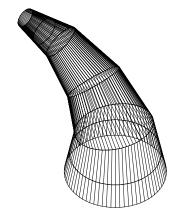
Optional intermediate circ. joint per cone, with thickness change at joint.

Up to 4 segments per half or full cone

Match marking provided

Rolling guides marked.

Green provided for.

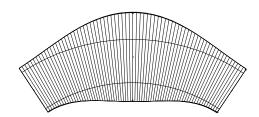


DATA REQUIREMENTS

Centre coordinates and internal diameter of spheres Optional intermediate circ. joint plane data Material, Thickness of each half or full cone Segment angles for each half or full cone Green for each circ. Joint, Green for longitudinal joint Joint Weld details

OUTPUT

Patterns in any of the following forms ... FastCAM file 2D DXF file, 3D DXF File NC Program Coordinate Table A list of plate sizes and rolling radius data



PROGRAM REFERENCE

M3FS21: PENSTOCK

OTHER REFERENCES

M3FS12: ELBOW (Constant circular cross-section bends) M3FS13: LOBSTER (Reducing circular cross-section bends)

M3FS18: BIFURC8PLUS (General conical bifurcation, with stiffeners)

 $^{^{\}text{\tiny{TM}}},$ $^{\circledR}$ The above are all trademarks and registered trademarks of Fagan Microprocessor Systems Pty Ltd