

## Notes on MERIDL format

NHUB - number of points describing the hub

NTIP - number of points describing the tip or outer boundary

Hub coordinates are given as a series of axial (Z) coordinates running from inlet to exit, followed by a series of radial (R) coordinates at the same axial locations. Shroud coordinates are then given using the same format.

NBLD - number of blades in the blade row

NBLCRC - number of constant radial cuts describing the blade geometry

NPPRC - number of points per radial cut describing the blade geometry

Blade coordinates are given as a series of axial (Z) coordinates running from inlet to exit, hub to shroud, followed by a series of radial (R) coordinates at the same axial and radial locations, followed by two series of theta coordinates at the same axial and radial locations (T1,T2).