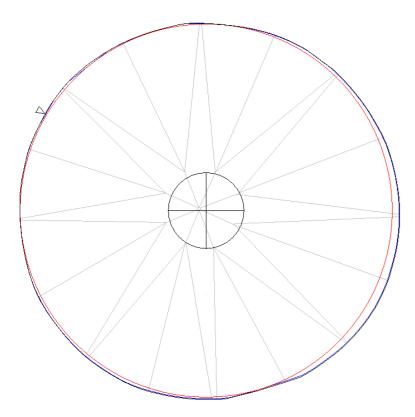
## MIC (Maximum Inscribed Circle)

## 1. Introduction

MIC is the maximum circle that may be inscribed (MIC) in the girdle outline along with the section of the model in the circle's plane:

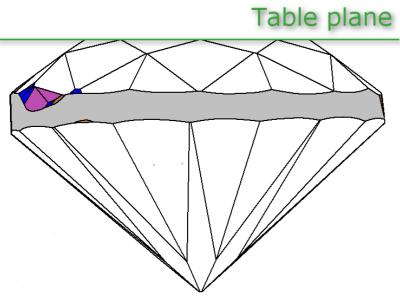


	MIC is drawn in red color
$\bigoplus$	indicates MIC center
	Girdle outline is drawn in blue

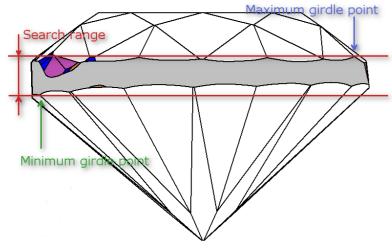
## 2. Calculation



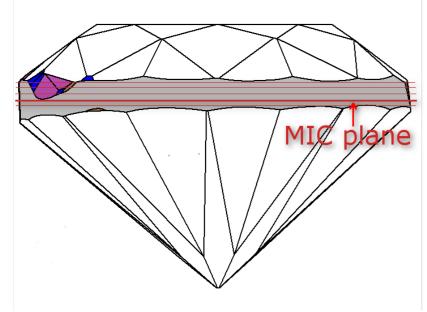
## 1. For table plane:



2. Minimum (farest from table plane) and maximum (nearest to table plane) girdle points are detected and search range determined:



3. In that search range number of planes (parallel to table plane) are drawn:



- 4. In each plane the maximum circle that may be inscribed is built.5. And from that circle's one with maximum radius is selected. That will be MIC.