Project Proposals

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Global CAD & Design Automation

Feb 11th, 2016

Dynamic Balancing

Requirements:

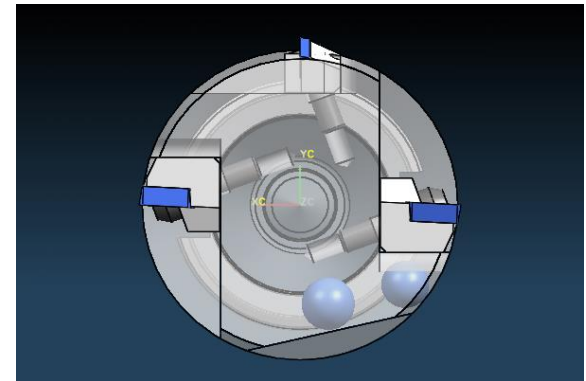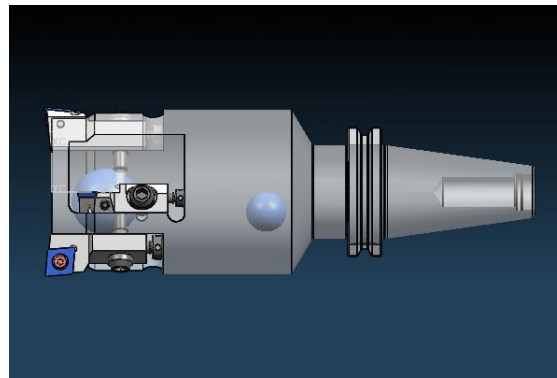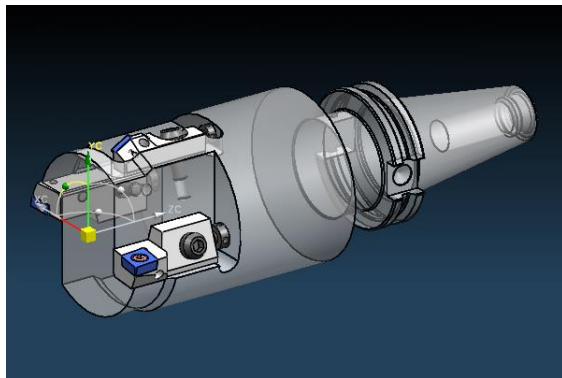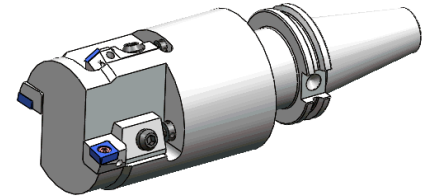- Determine Unbalance
- Compute the balancing masses and distance

Technology To Be Used:

- Language   :– C++
- CAD Package   :– NX9
- API   :– NXOPEN / UFUNC
- IDE   :– VS 2012

Dynamic Balancing
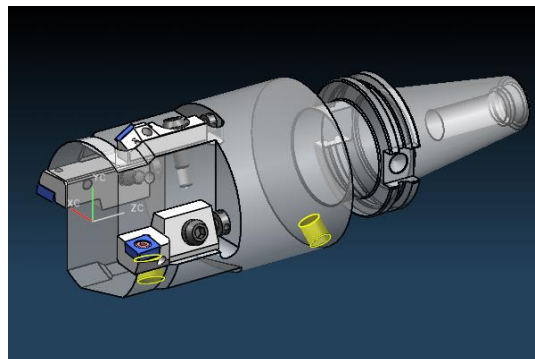

```
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Information listing created by : phillpd
Date                    : 22/09/2005 17:21:36
Current work part       : E:\ugii\projects\balancing\9999910amr00.prt
Node name               : ebhwx000001
==========================================================
Centroid Result
==========================================================
Mass                    :,4856.2957092,[gram]
Centroid Position X     :,-.0000000,[mm]
Centrois Position Y     :,-.0001352,[mm]
==========================================================
Balance Quality
==========================================================
RPM            <n>  :,2500.0000000, 1/min
Angular Speed  <omega>:,261.7993750, [1/s]
Centroid Deviation  <e>  :,.0001352, [mm]
Balance Quality     <G>  :,.0353890, [mm/s]
==========================================================
```

BREAD & BUTTER OF KENNAMETAL