

# TOMOSCANNER

**un outil complémentaire pour les  
pièces de grande taille ou de  
grande série**



**Yvan RICHAUDEAU  
Gérant**

# PRINCIPE

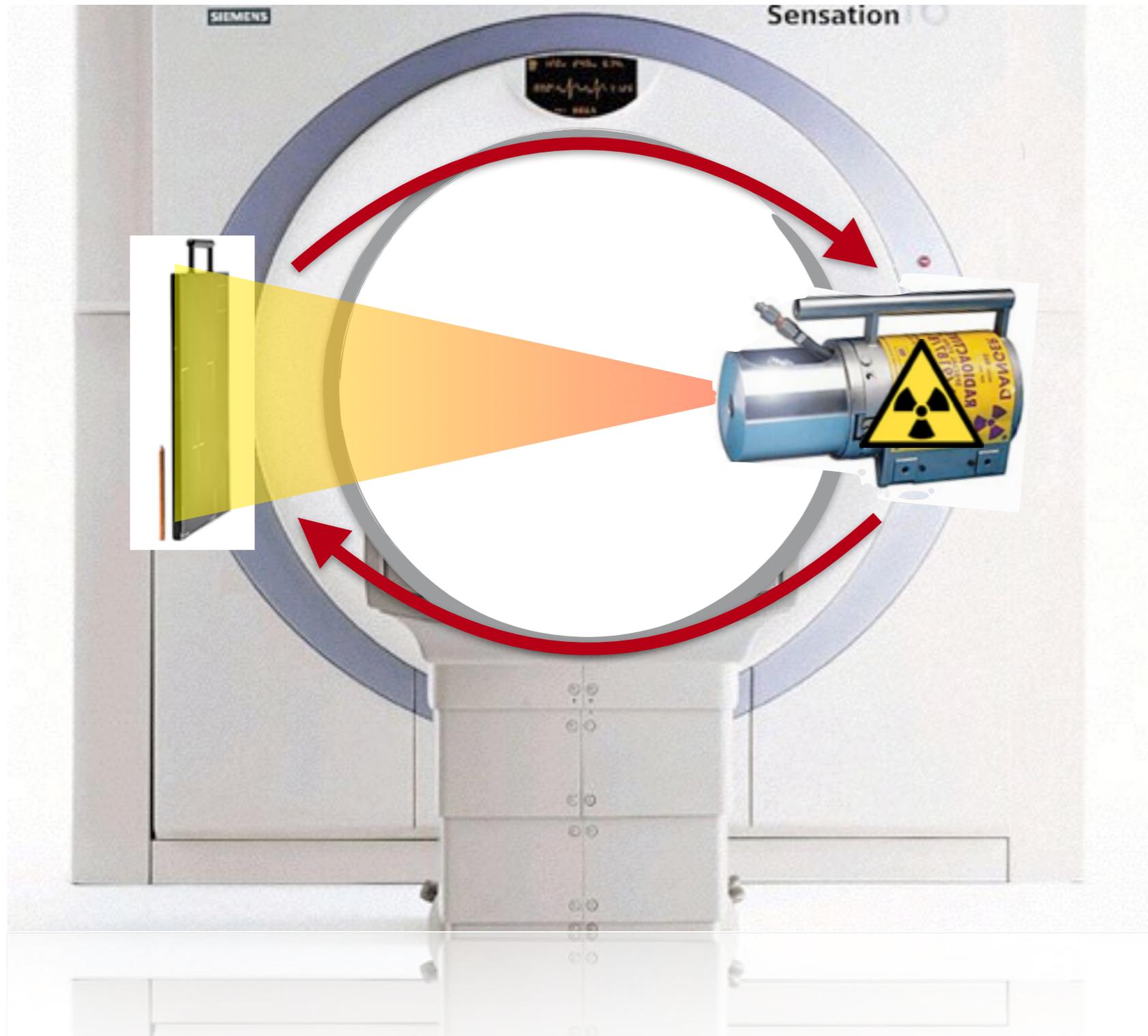


**Tomodensitomètre**

**Scanographe**

**CT Scan**

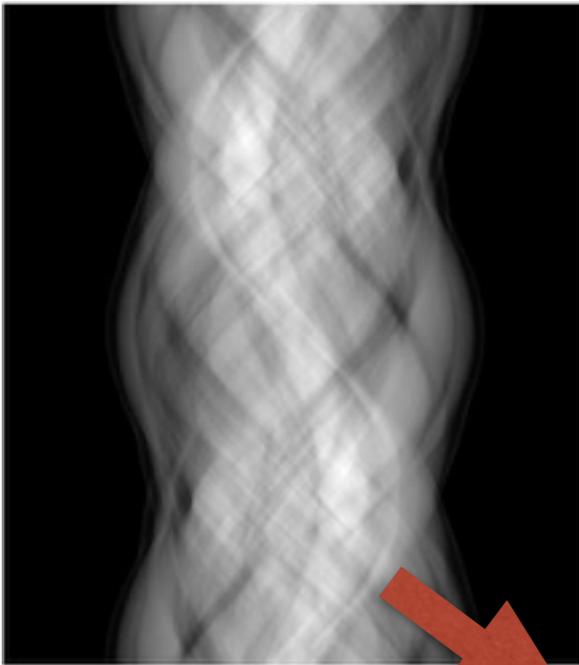
# PRINCIPE



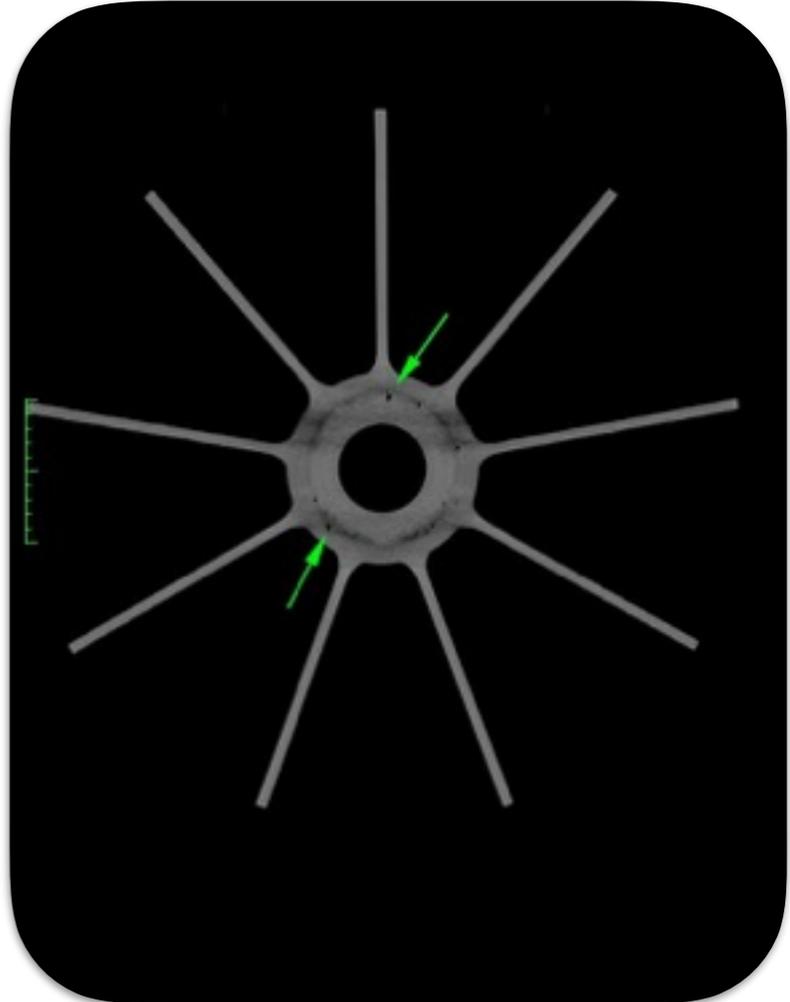
Tube à rayons X  
couplé à  
un ensemble  
de détecteurs

Acquisition  
hélicoïdale

# PRINCIPE



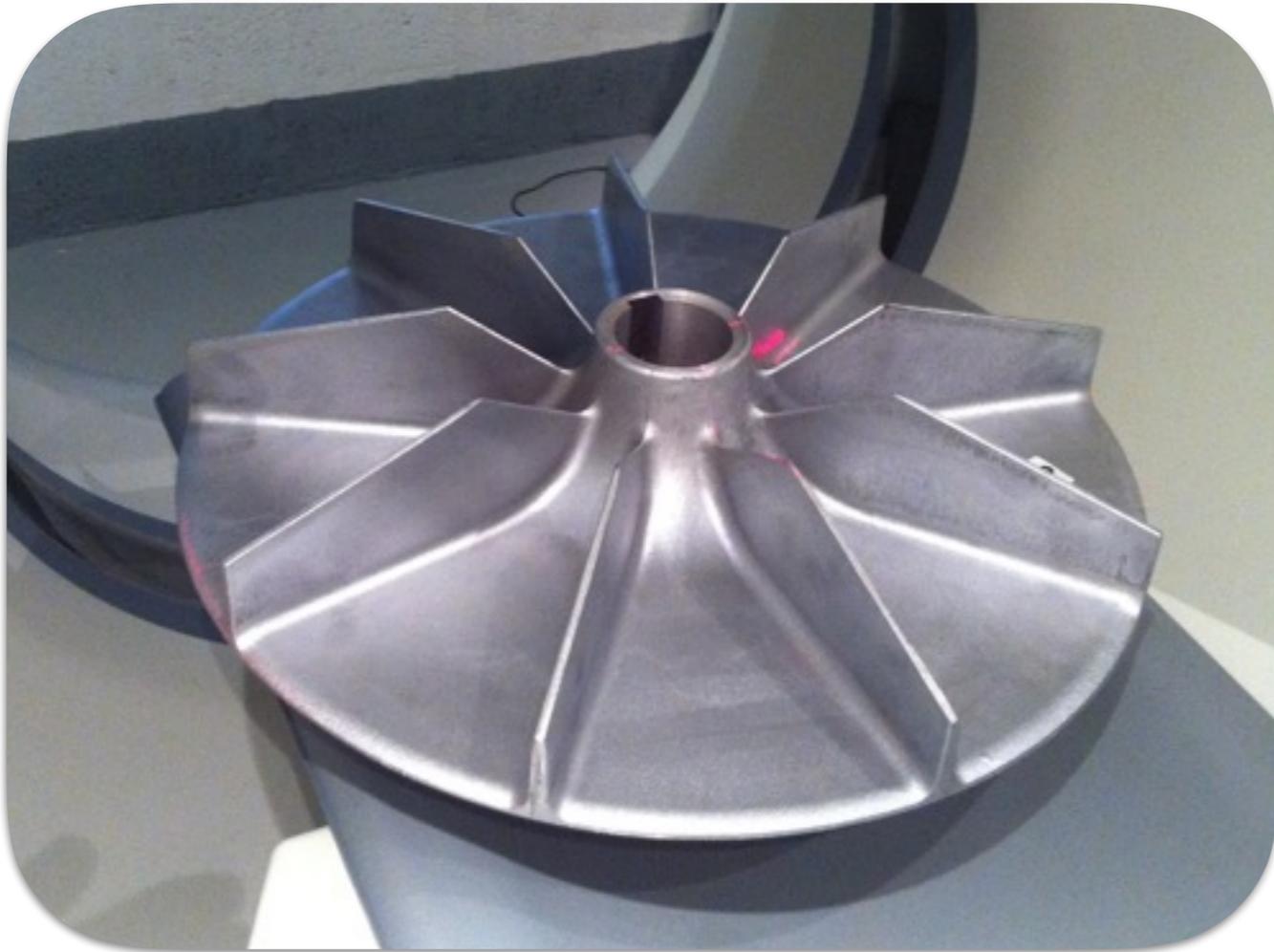
Mesure de l'atténuation d'un faisceau de rayons X = sinogramme (volume d'atténuation)



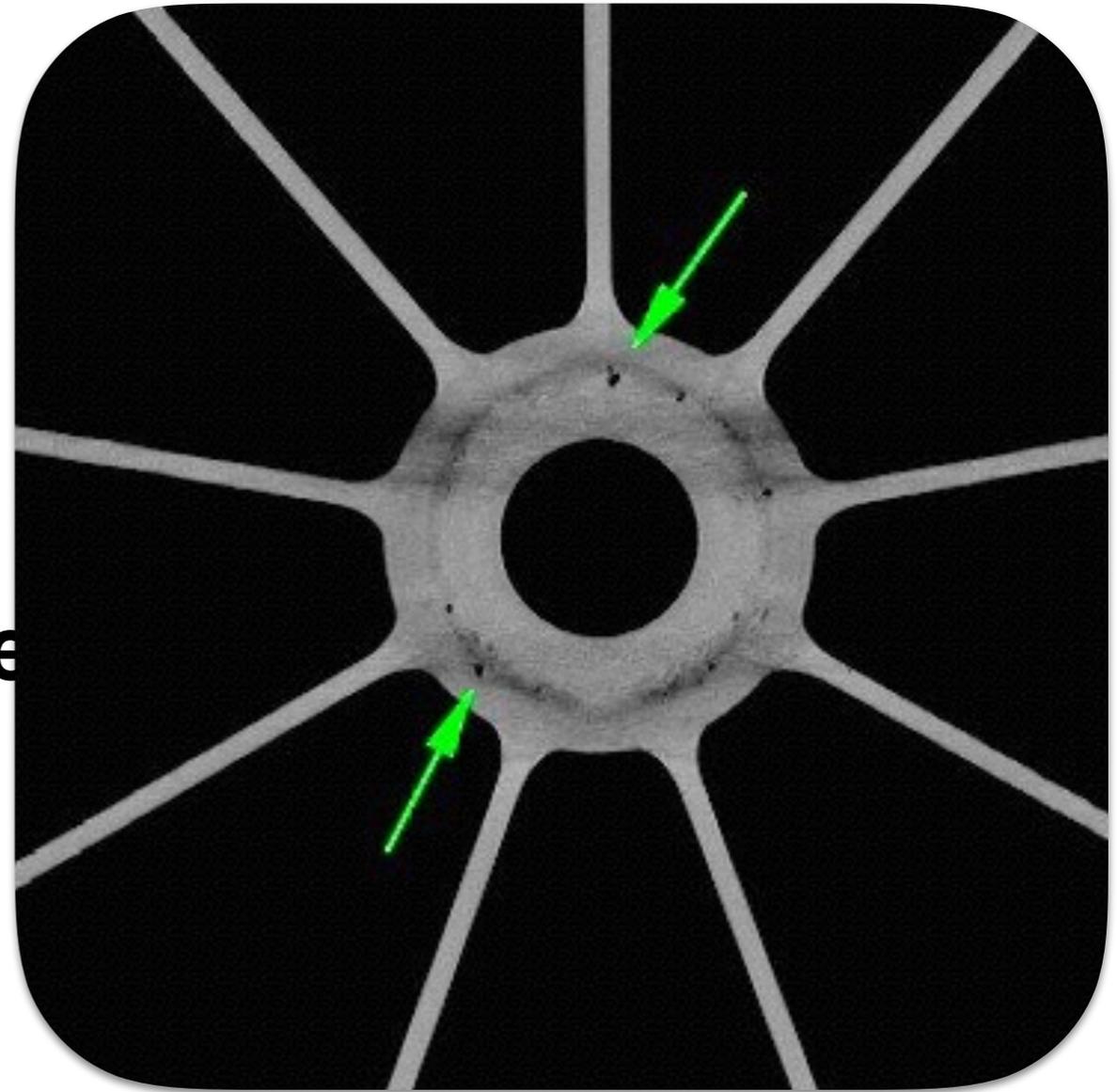
Multiple profils d'atténuation obtenus à des angles de rotation différents

# **APPLICATIONS**

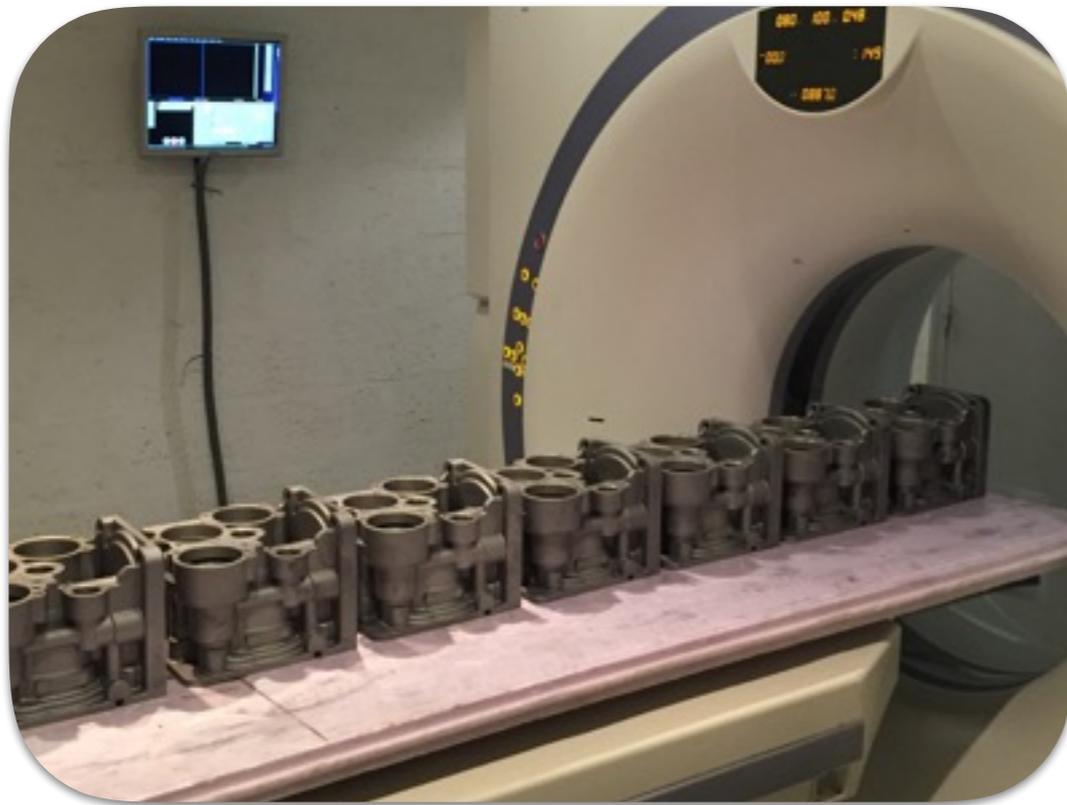
# PIECES DE FONDERIE



Te



# PIECES DE FONDERIE



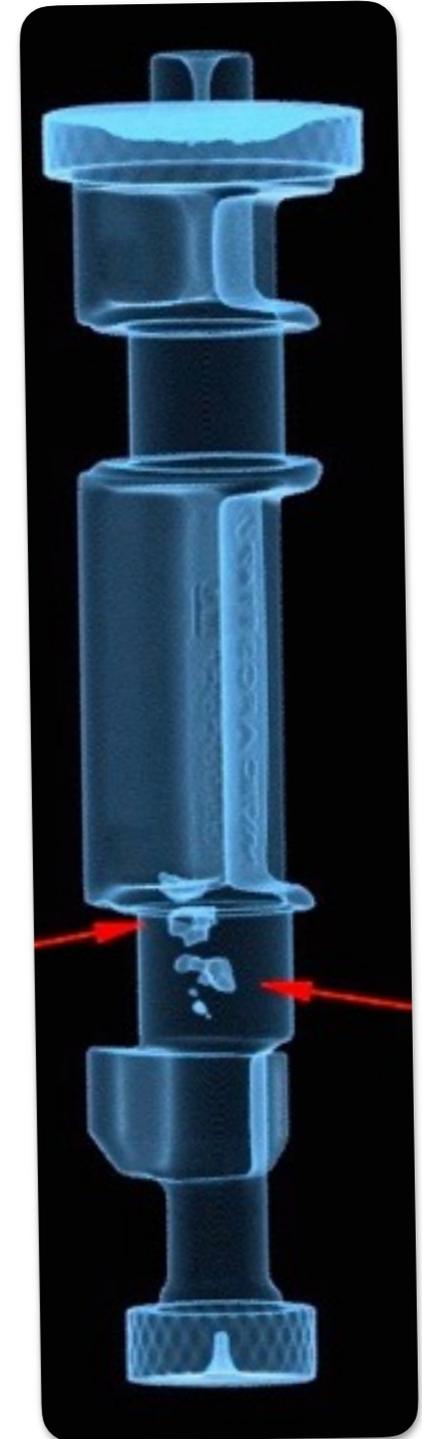
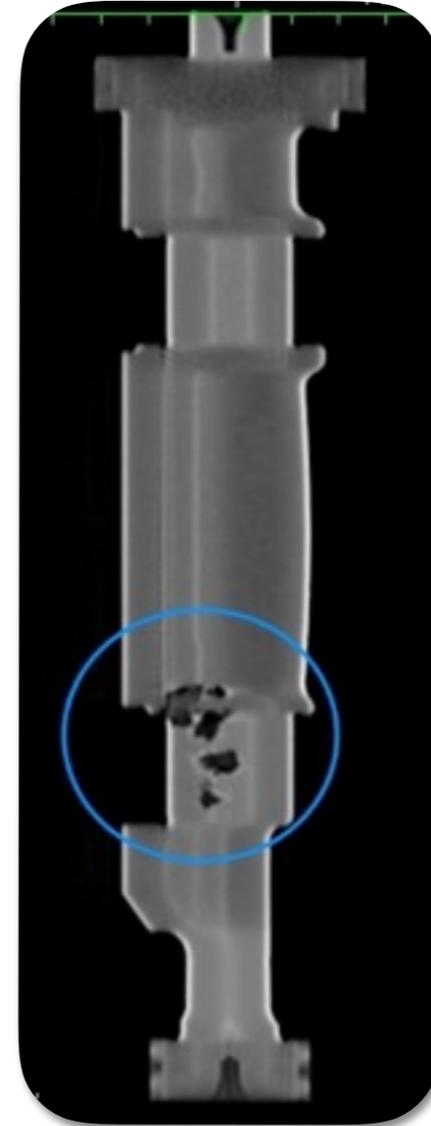
## CARTERS

**Dimension : 350 mm**

**Cadence : 30 pièces / heure**



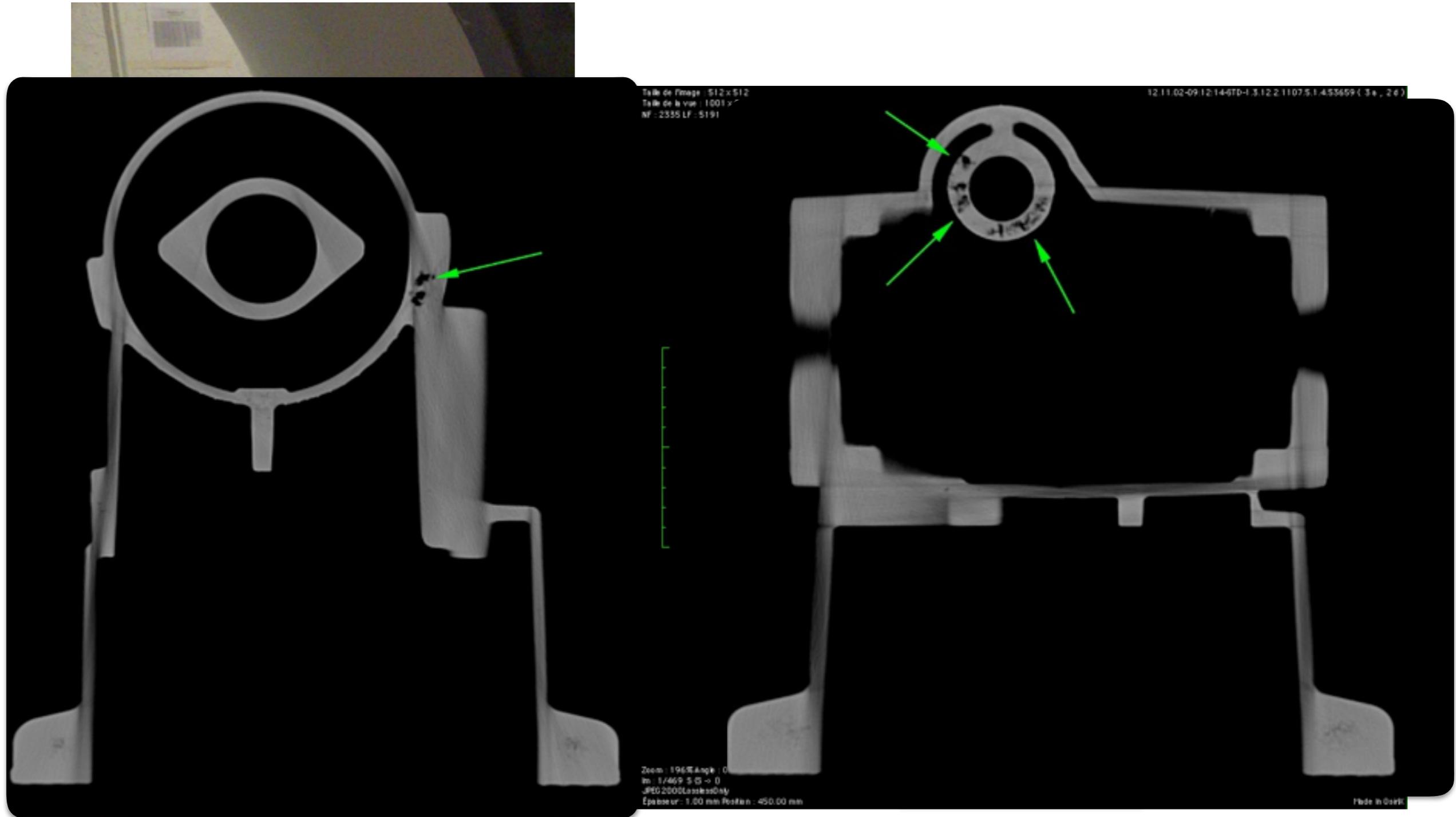
# PIECES DE FONDERIE



## ARBRES à CAMES

**Contrôle lot complet :  
1000 pièces / jour  
Résolution 1 mm**

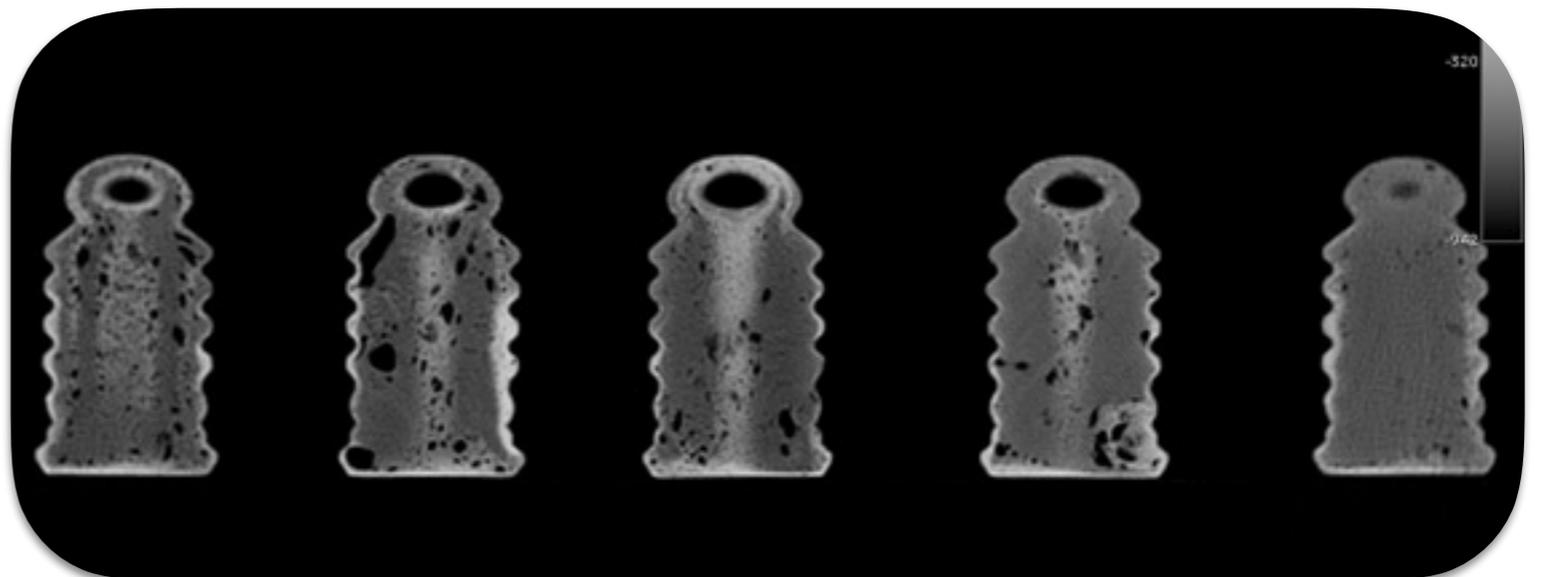
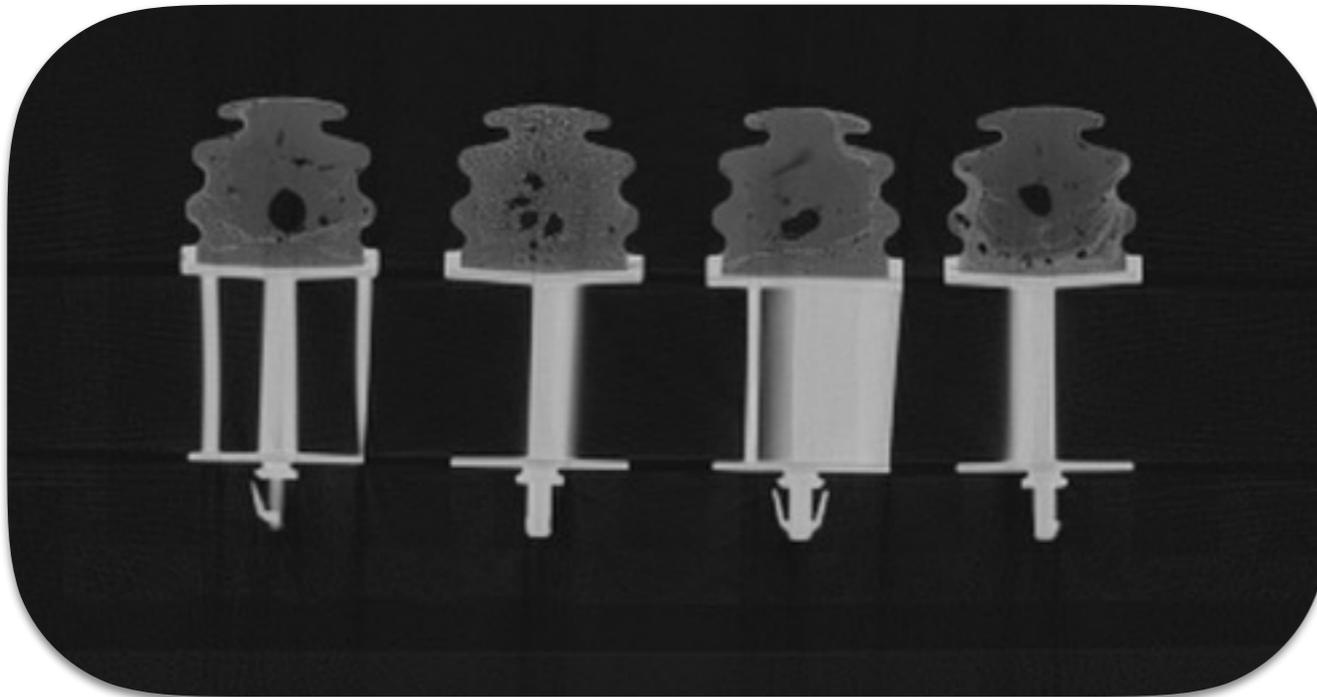
# PIECES DE FONDERIE



# PIECES AUTOMOBILES

## BUTEES MOUSSE

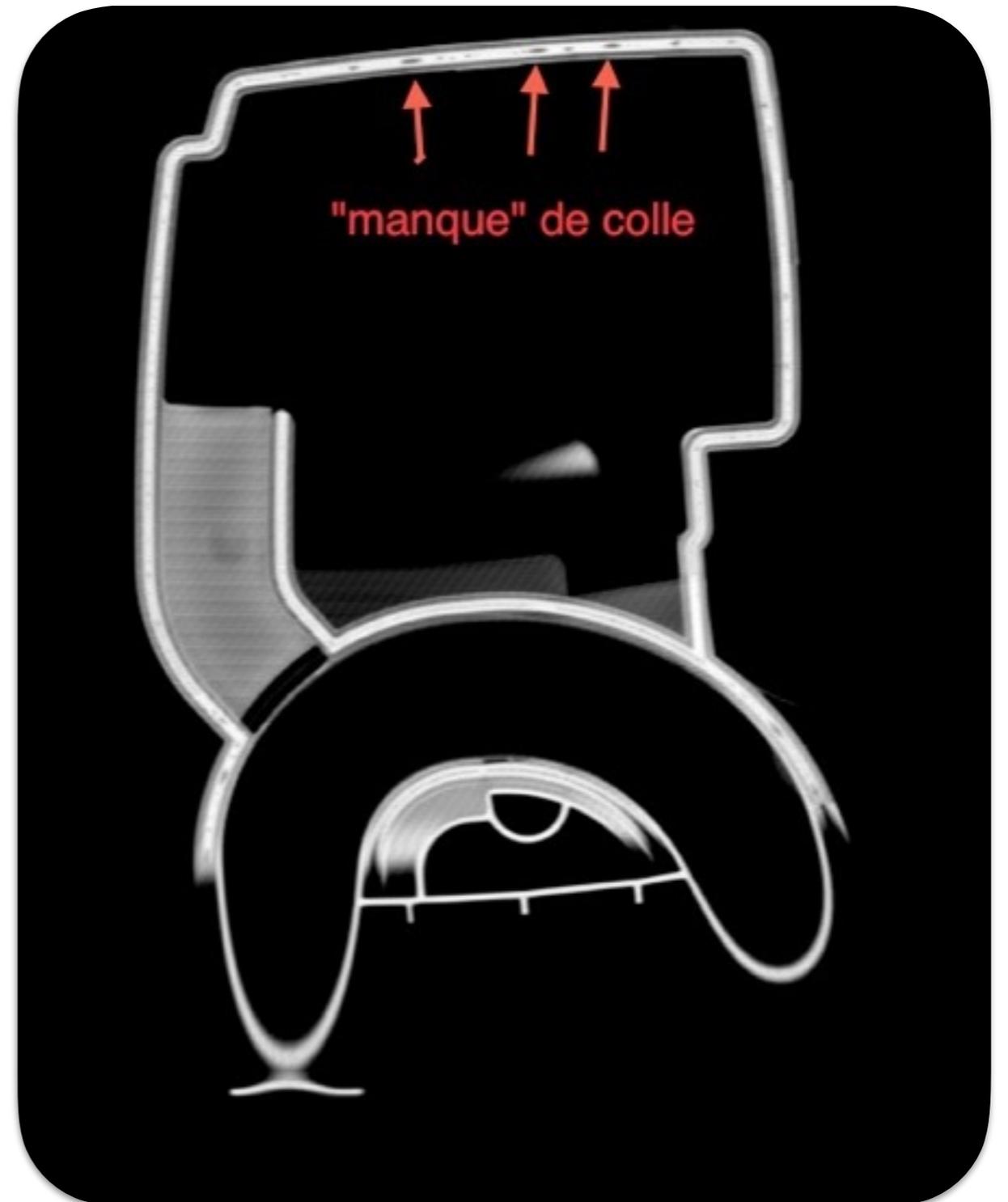
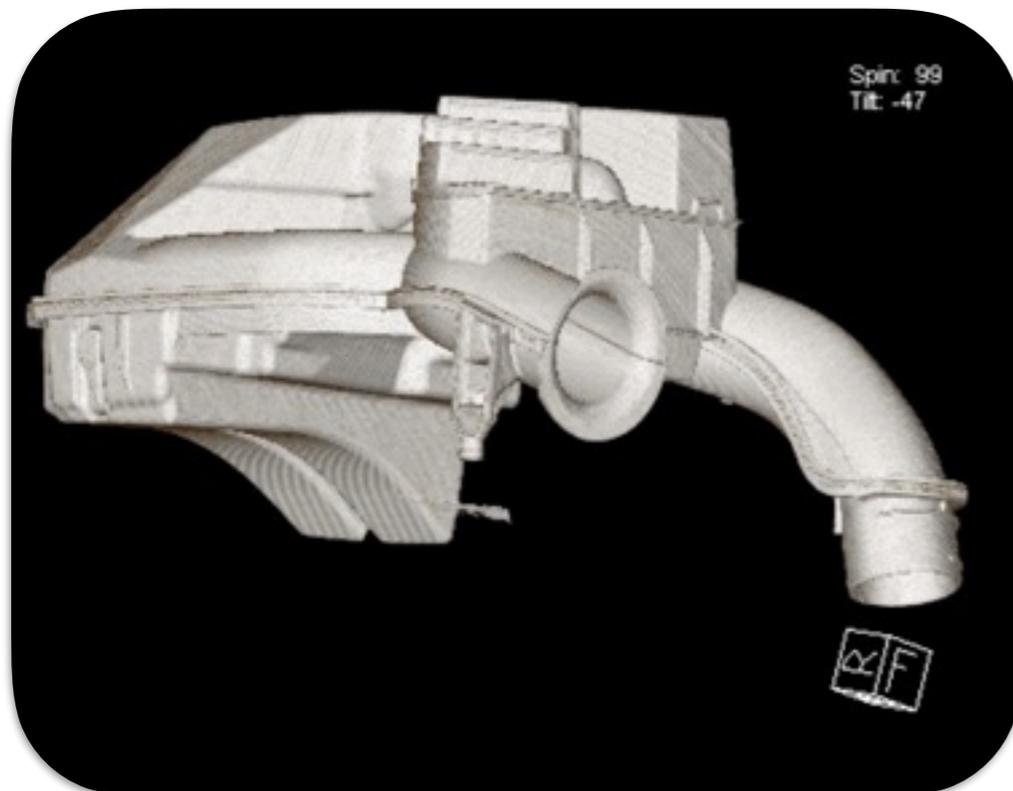
**Dimension : 50 mm**  
**Cadence 80 pièces / h**



# PIECES AUTOMOBILES

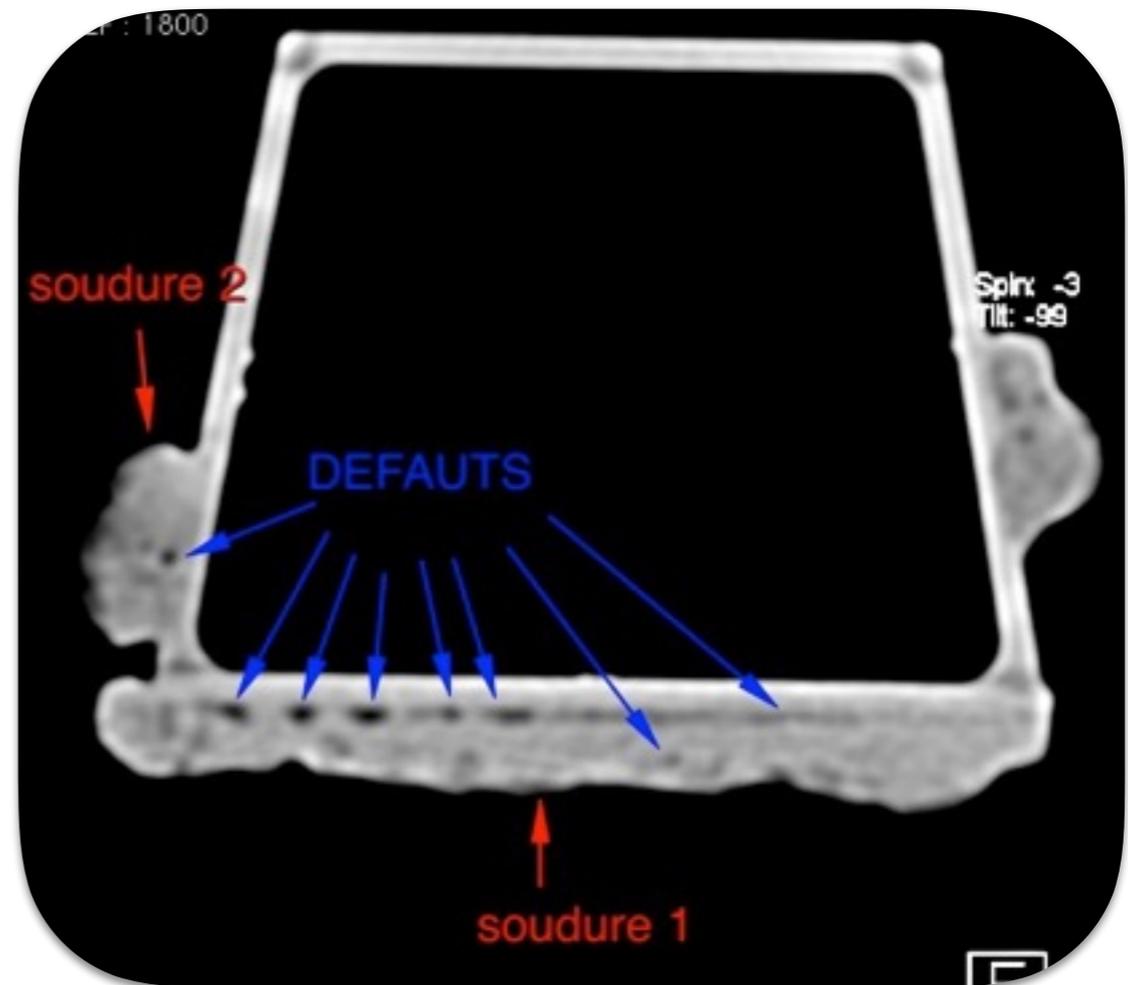
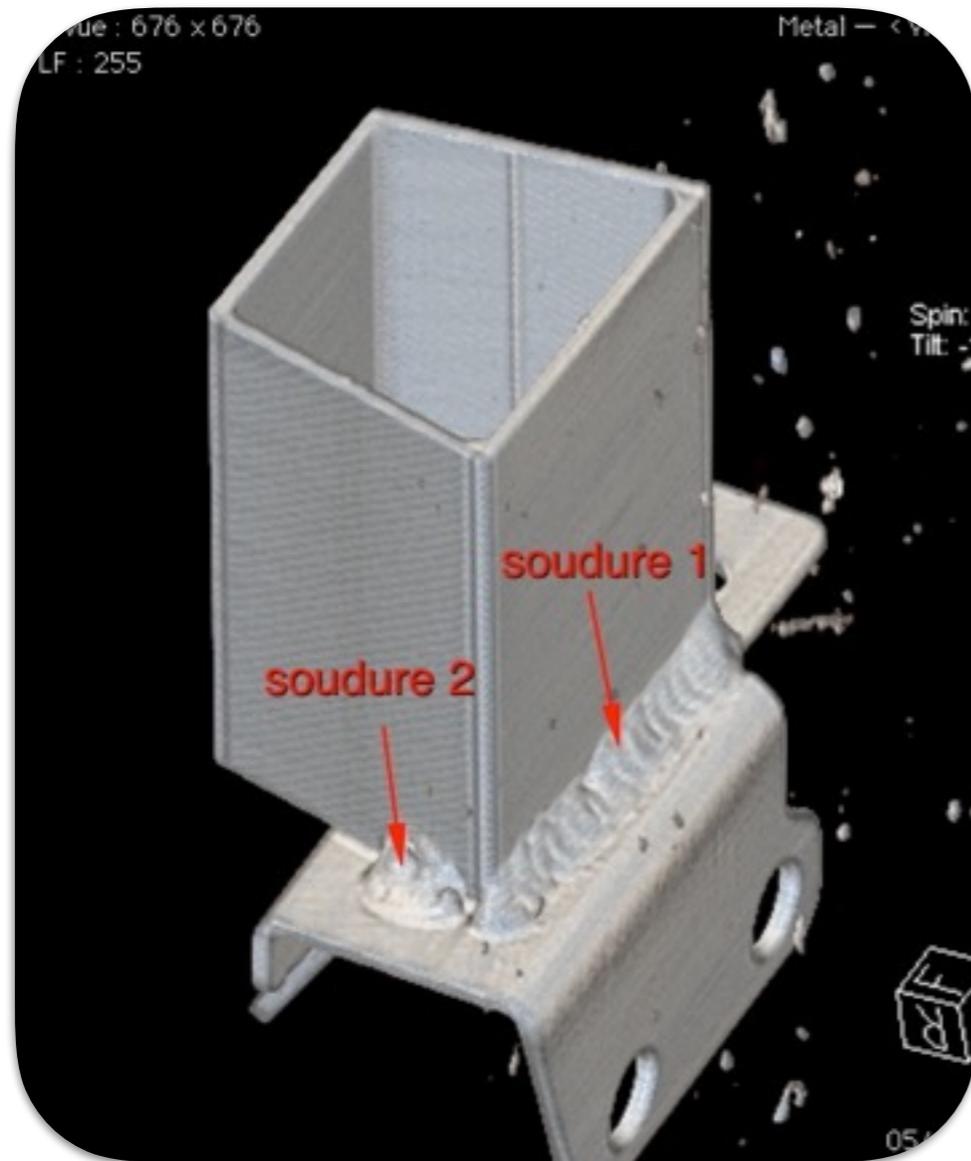
## FILTRE A AIR

Résolution : 0,5 mm  
Cadence 10 pièces / h

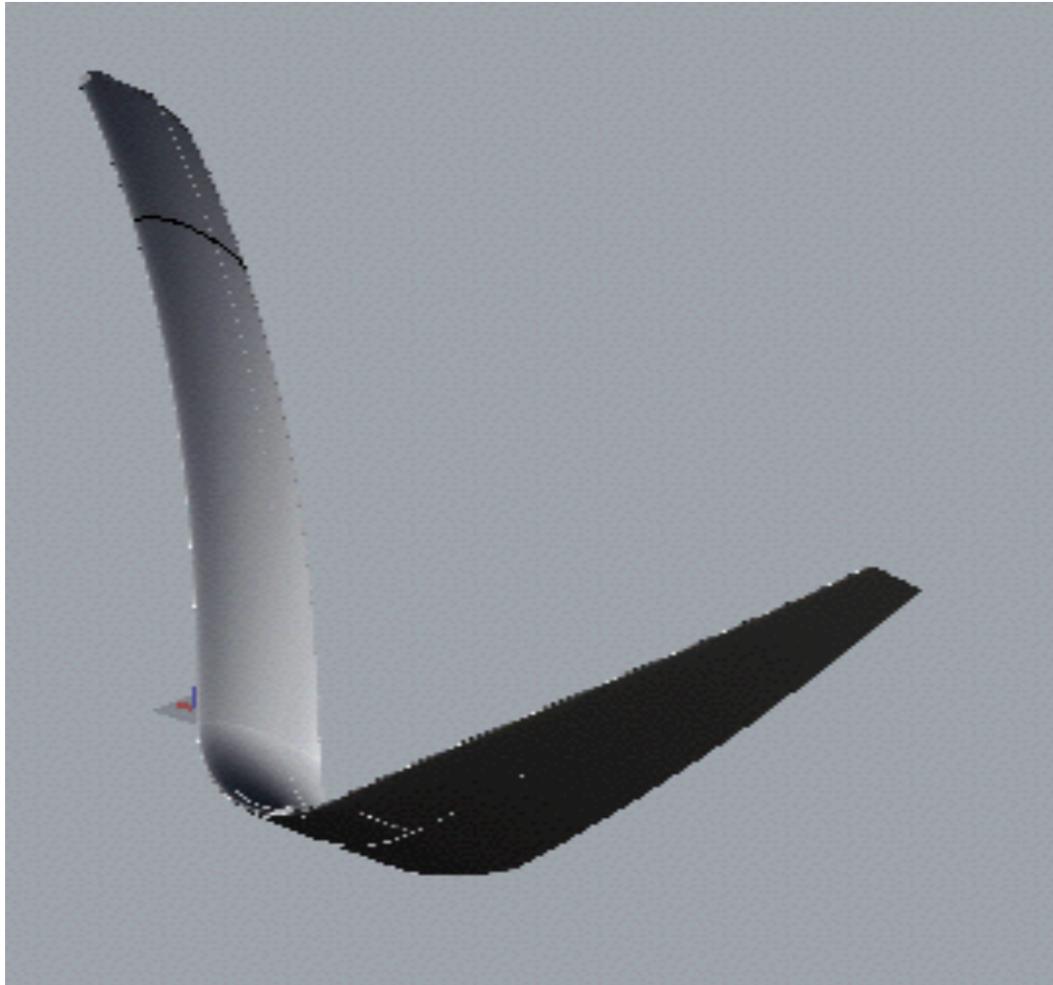


# PIECES ACIER

## CONTROLE SOUDURE



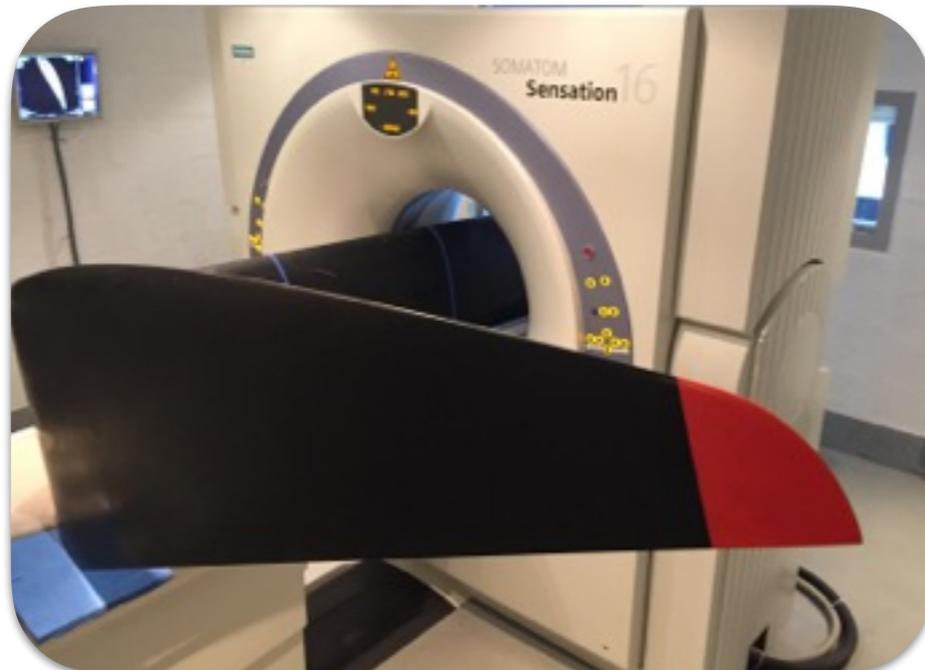
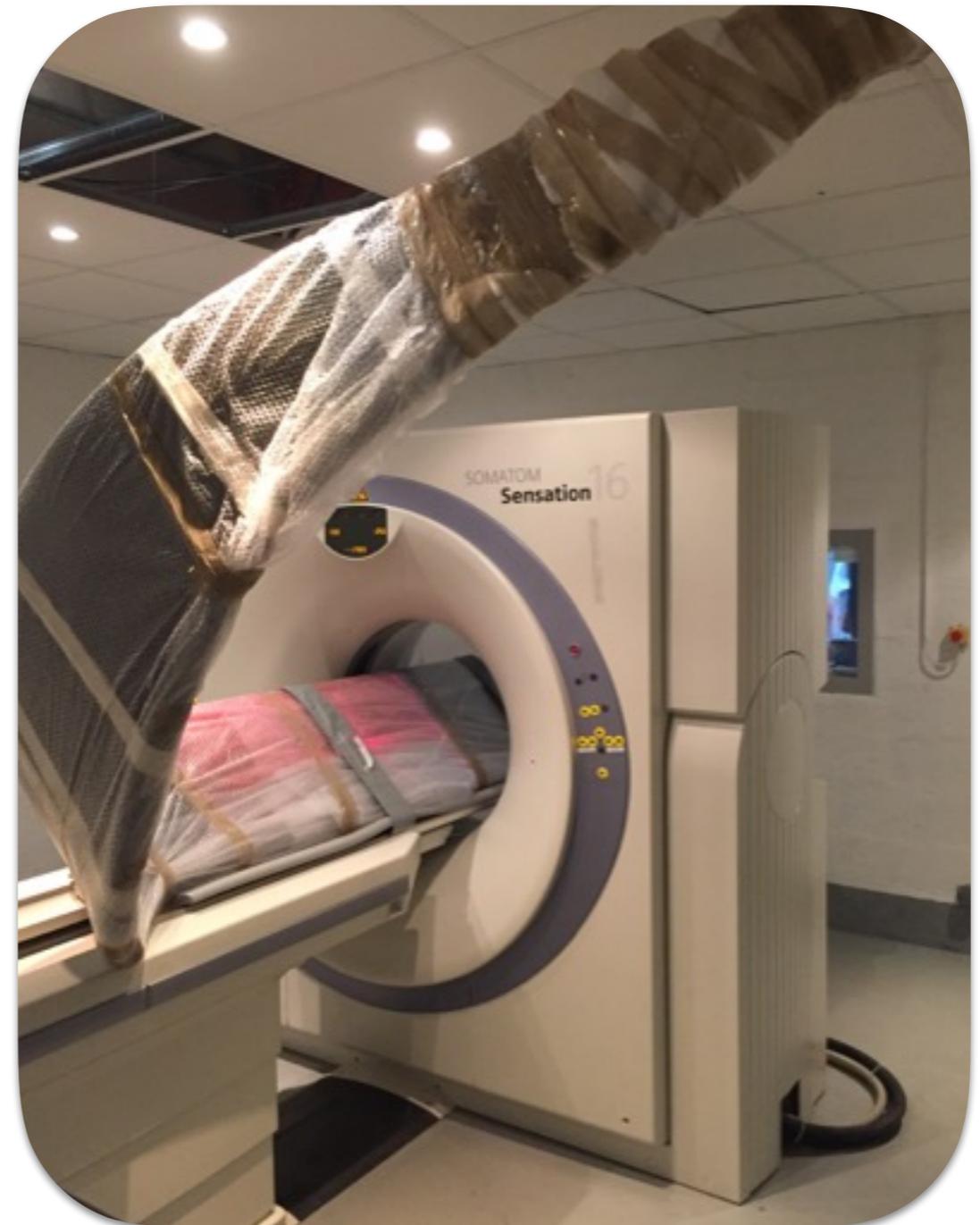
# PIECES de BATEAU



## FOILS

**Dimension : 3000 x 2200 mm**

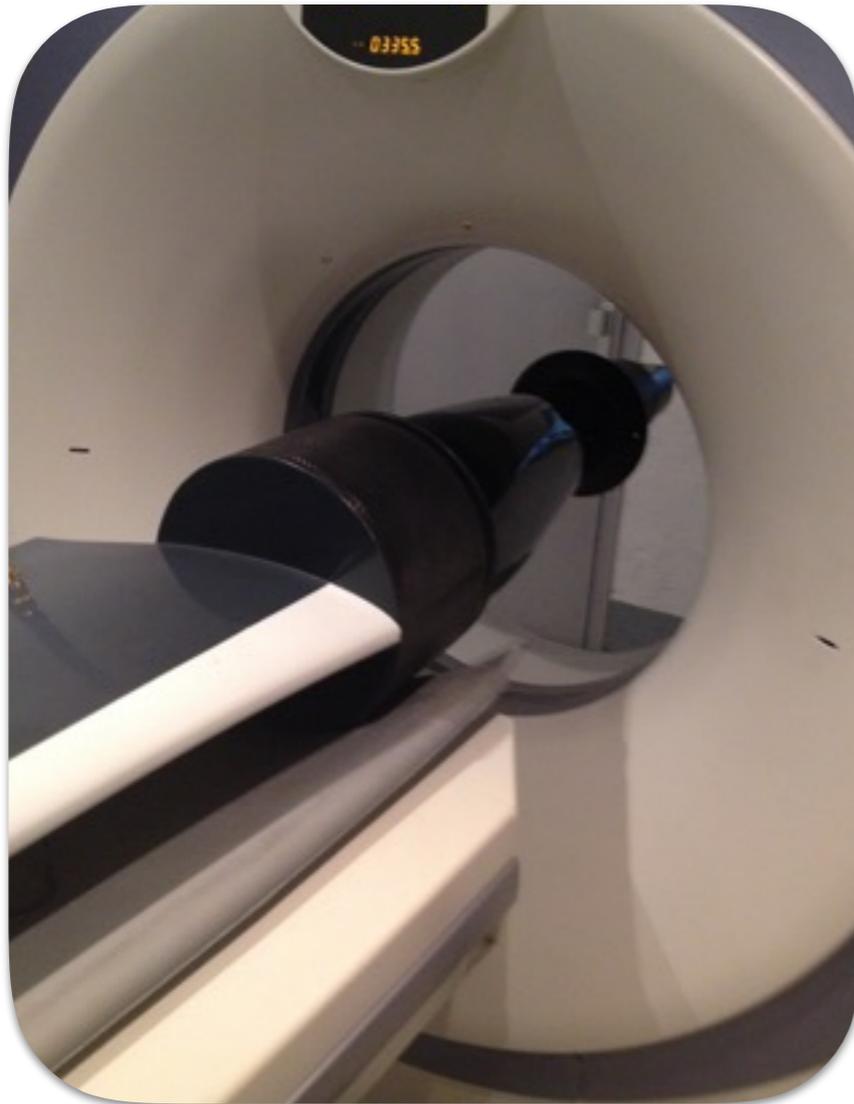
# PIECES de BATEAU



# PIECES de BATEAU

**SAFRAN**

**Dimension : 4500 mm**

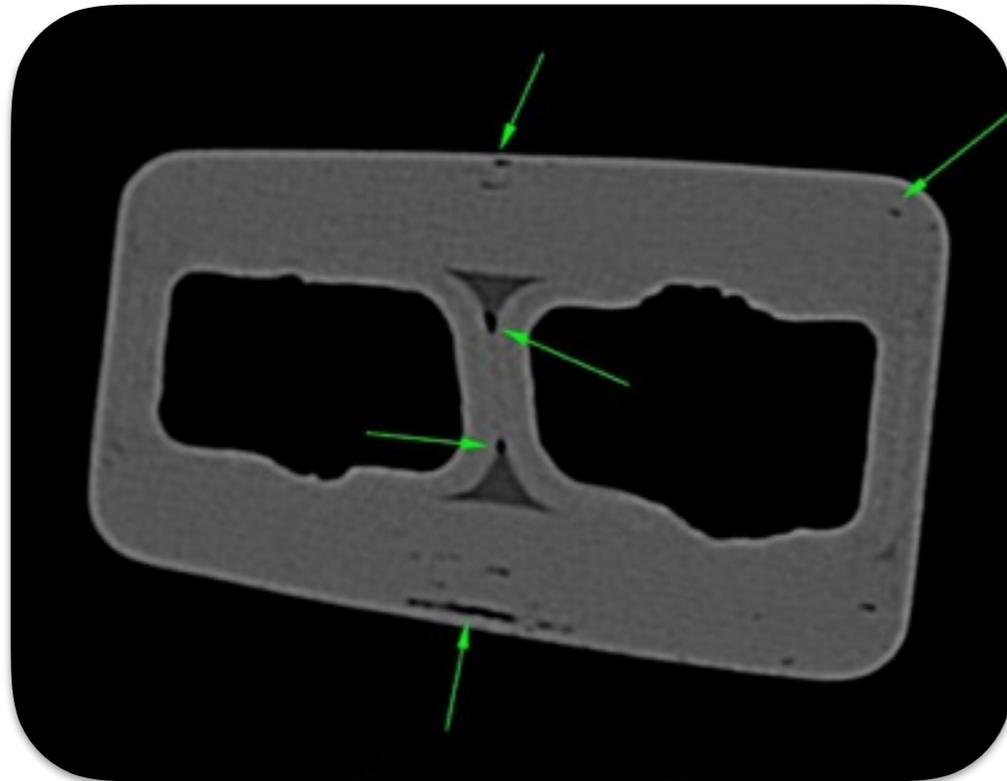


**PORTION DE MAT**

**Dimension : 2500 mm**

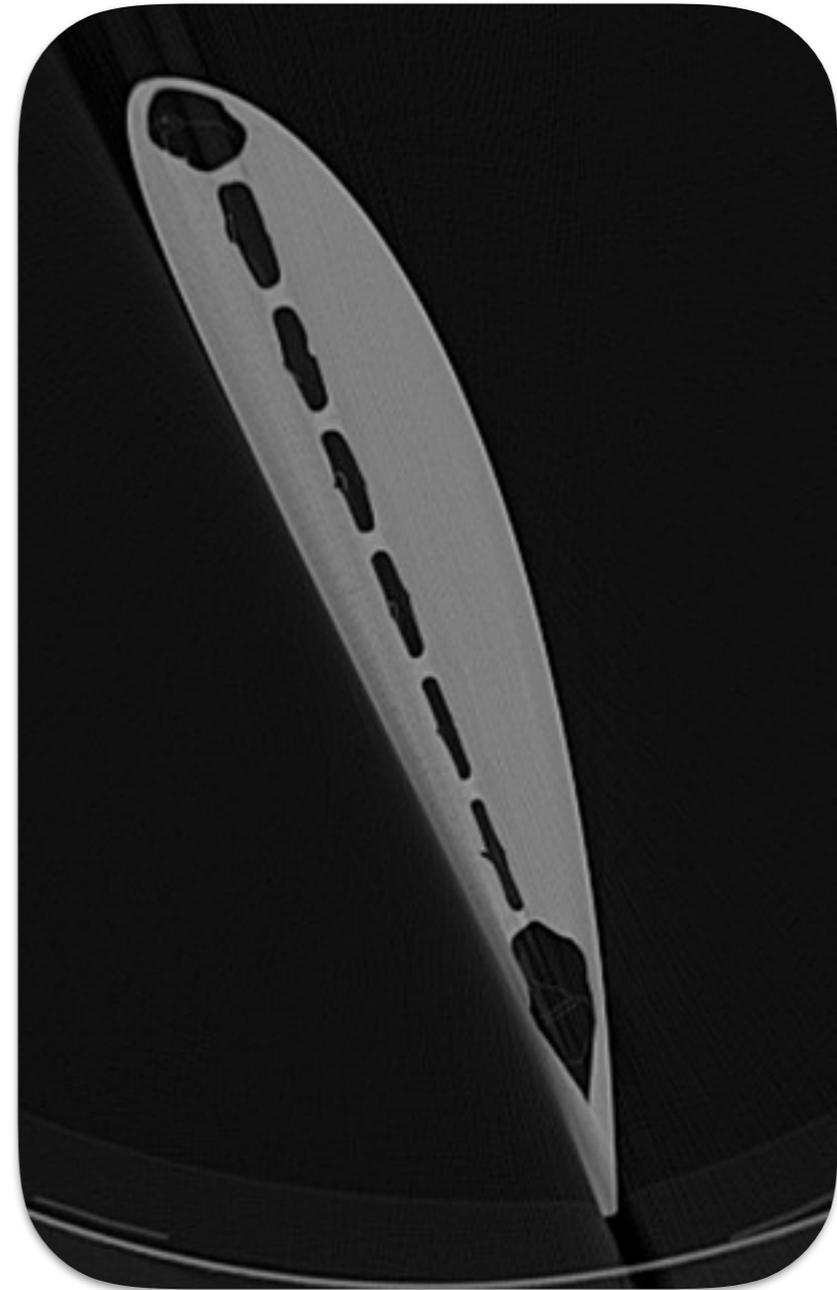


# PIECES de BATEAU



**SAFRAN**

**Résolution 0,1 mm**

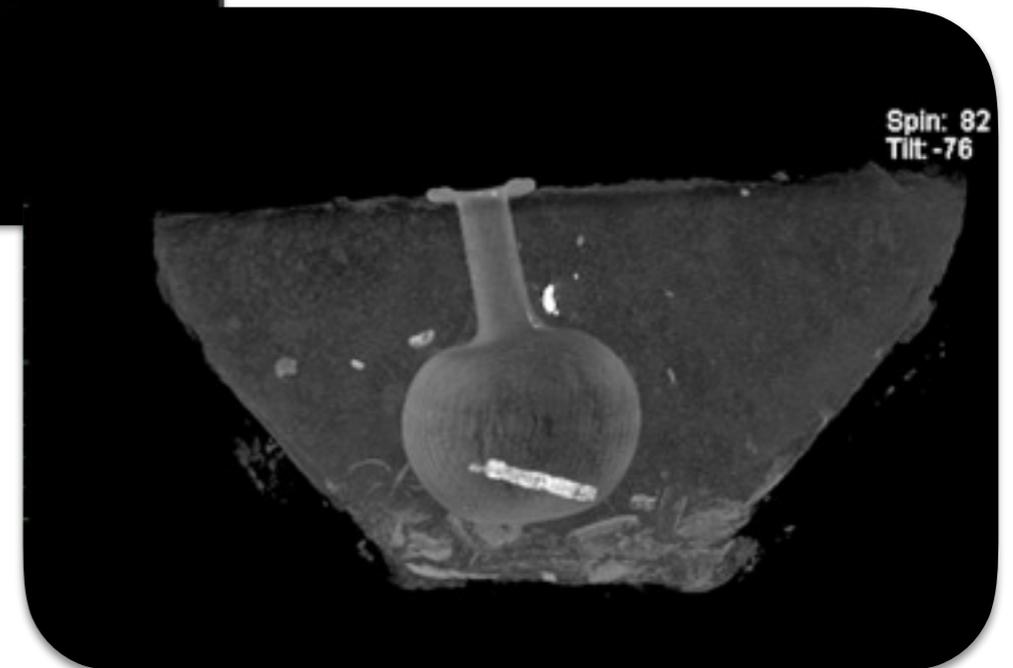
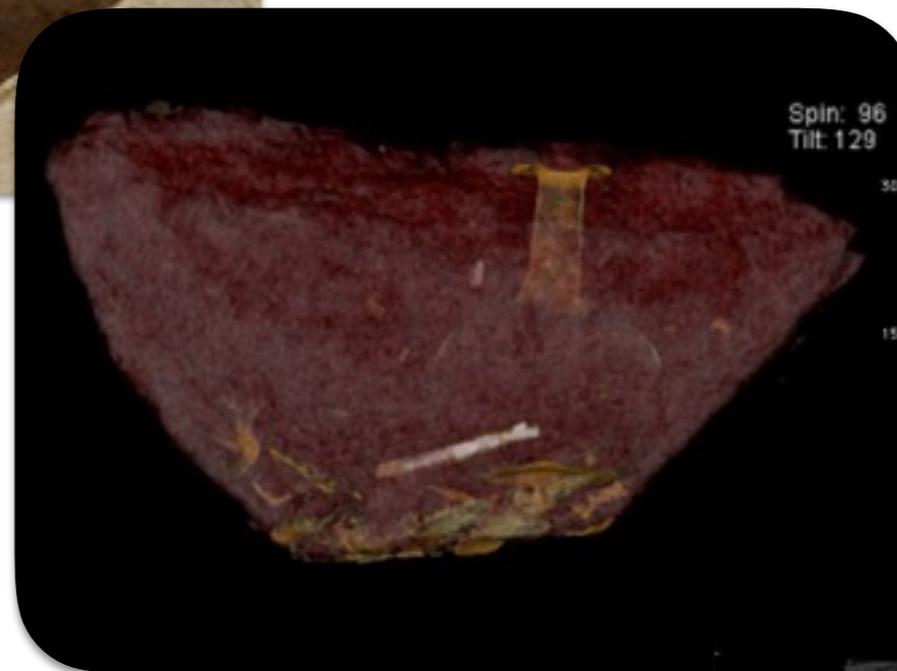


**FOIL**

# PIECES ARCHEOLOGIQUES



## URNE FUNERAIRE



**Diamètre 400 mm**  
**Durée d'acquisition 60 sec**



**Yvan RICHAUDEAU**  
**yvan\_richardeau@yahoo.fr**  
**06 28 50 09 51**