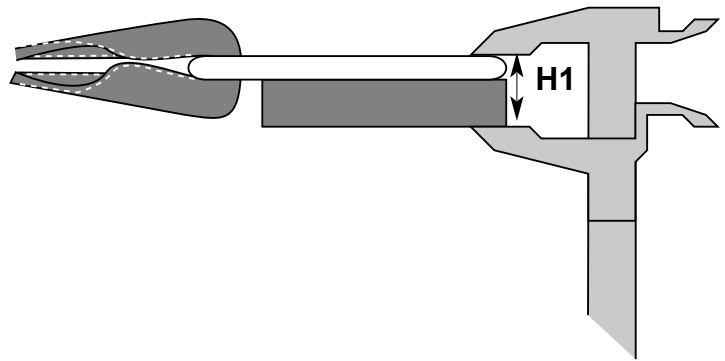




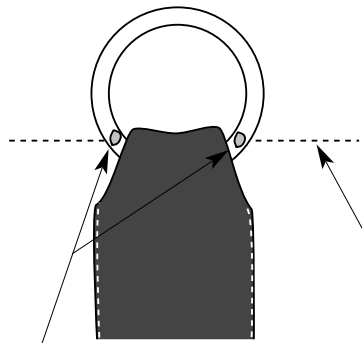
Technical  
Information  
05/12/01

**METHODS AND TOLERANCES  
FOR ATOM TANDEM RISERS  
FIRST RING BENDING CHECK**

1- Measure size H1 on ring without bending using a metal rod.



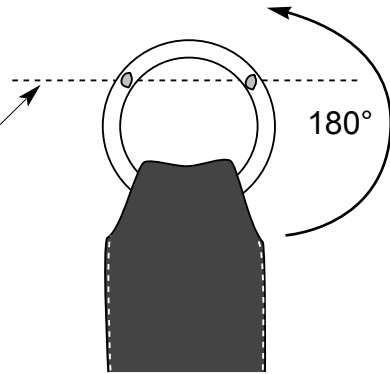
2- Find bending axis on bent ring



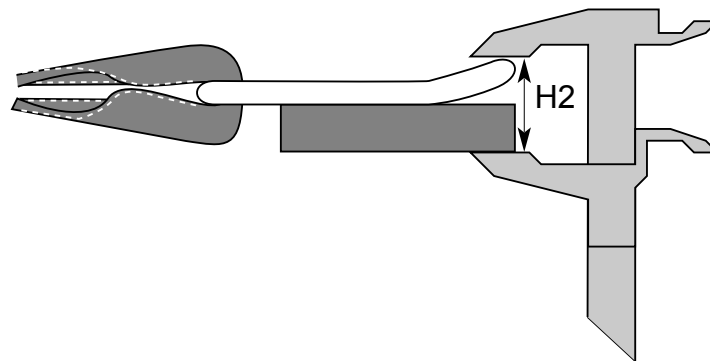
burrs created by  
harness rig  
during impact

bending  
axis

3- Return ring for bending measurement

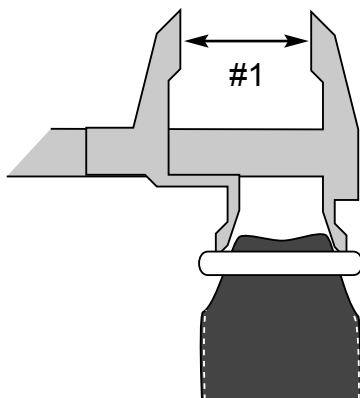


4- Measure size H2 on bent ring using same metal rod.



**Measurement H2 - H1 must not exceed 4 mm**

5- Measure #1 on ring without bending



**Measurement  
#1 - #2  
must not exceed  
1 mm**

6- Measure the smallest #2 you can find during  
a complete turn of bent ring

