

# WEK -0724 Dual-energy X-ray Bone Density Phantom

## >>> Instruction <<<

### 1. Product Introduction and Structure

#### A.1. Femoral Mold

The femoral mold is recommended to be of the type shown in Figure A.1 and Table A.1, or any other model with the corresponding functions. The material is aluminum.

Unit: mm

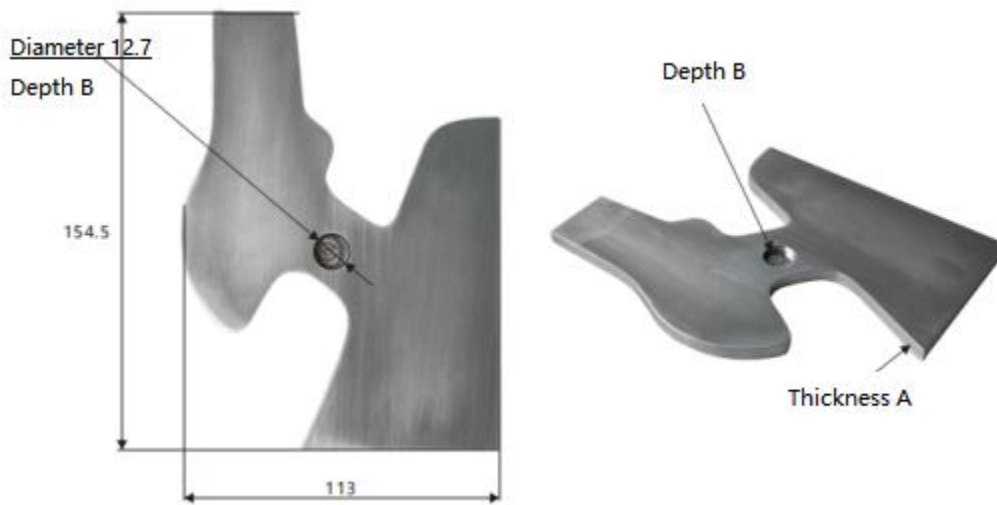





Figure A.1 Femur Model Structure Diagram

**Table A.2 Femur Mold Parameters Table**

Model			
<b>Bone density</b>	Low bone density ( $\approx 0.6\text{g/cm}^2$ )	Medium bone mineral density ( $\approx 0.9\text{g/cm}^2$ )	high bone mineral density ( $\approx 1.2\text{g/cm}^2$ )
<b>Thickness A</b>	3.90 mm	5.85 mm	7.80 mm
<b>Depth B</b>	1.83 mm	2.74 mm	3.66 mm
<b>Simulated bone material: Aluminum 6061</b>			