

PRODUCT FEATURES:

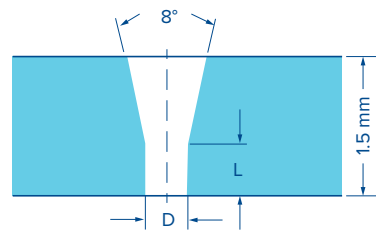
- Customized for use with complementary RaySafe Pro-Stand and Pro-Slit Camera

X-ray Pinhole Assemblies

One of the specifications and chief features of an X-ray tube is its focal spot size, a very important factor in the resolution to be achieved during a radiologic examination. A small focal spot size will provide the maximum resolution.

However, there are other factors in the construction of an X-ray tube, such as the heat dissipation within the target, which limits the minimum size of the target.

In order to determine the focal spot size of an X-ray tube, a small and precise pinhole is often used. Its size must be very small compared to the focal spot to be measured.



TECHNICAL DATA

Model	Pinhole Diaphragm Dimensions (mm)		Nominal Pinhole Diameter (mm)	Focal Spot Size (mm)
	D	L		
07-633	0.010±0.005	0.020±0.010	0.010	0.5-1.0
07-613	0.030±0.005	0.075±0.010	0.030	< 1.0
07-617	0.075±0.005	0.35±0.010	0.075	1.0-2.5
07-611	0.100±0.005	0.50±0.010	0.100	> 2.5