

Application Note

GSD Arc Slits

- High Purity **Materials**
- Standard Operation
- Direct Replacement for Standard Axcelis Components

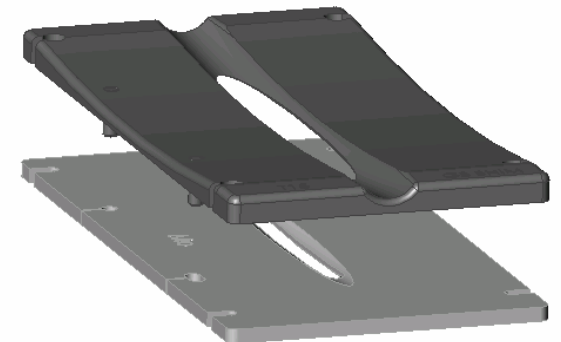
1-Piece Arc Slits					
15R Arc Slits		T15 Arc Slits		20R Arc Slits	
Item #	Material	Item #	Material	Item #	Material
66315	Moly	79926	Moly	70371	Moly
Cross Ref# 17128110		Cross Ref# 17230100		Cross Ref# 17165580	
68200	Tungsten	80433	Tungsten	87739	Moly
Cross Ref# 17129020		Cross Ref# 17230090		Cross Ref# 17165580	
				Extended Life Top	



System

- [1.05.100](#) IAS Source Assy
- [1.05.115](#) ELS Source Assy

2-Piece Arc Slit	
T15 Arc Slits	
Item #	Material
88532	Graphite Top
98685	Tungsten Top
&	
88545	Tungsten Shim
97151	Moly Shim



The [88532](#), Graphite top half of the 2-piece arc slit, or [98685](#), Tungsten top half, can be used with either the [88545](#), or [97151](#), to create a Molybdenum, or Tungsten, T15 Arc Slit. By making the arc slit into a 2-Piece design, Electro-Graph has given the customers the freedom to replace the beam defining portion of the arc slit at a substantial cost savings. The real benefit will be found for those customers who want to maintain optimum beam optics. By using a 2 piece design, customers can replace the Tungsten or Moly portion of the arc slit while reusing the graphite or Tungsten top piece numerous times before needing to replace it.

