

App. Note

Replacement Components for Axcelis ELS2 Filament Clamps

- Reduced Cost of Ownership
- High Purity Materials
- Full Configuration Support
- Added Galling Control

System

1.05.130 ELS2 Cathode Assembly

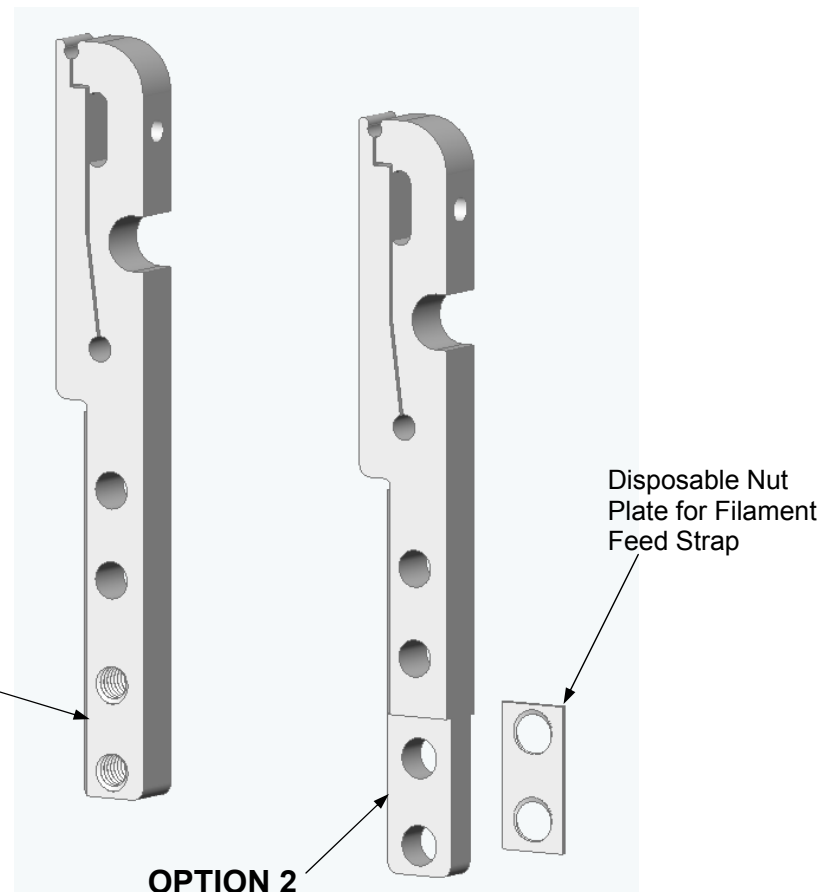
Part

96020 Reinforced Filament Clamp
 97333 Nut Plate
 19272 Filament Clamp

	Standard	E/G MOD	Strap Nut Plate
Electro-Graph Part#	19272	96020	97333
Axcelis Cross Ref.#	17287880 17335310	N/A	N/A

Two styles of filament clamp are available for use with the ELS2 cathode assembly. Due to its small pivot point, customers have claimed the original 17287880 is prone to breakage when installing the filament. Typically breakage occurs when the clamp is opened to far by over-rotating the filament screw. Option 2 has remedied this problem by increasing the size and location of the pivot hole. Another benefit gained through Option 2 is the added galling control. By using the disposable nut plate, the filament clamp is free from galling to the screw. If the screw does gall, the plate can be broken and replaced.

Standard Clamp



* For installation instructions see

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