

Technical drawing of a mechanical part with dimensions and tolerances:

- Top diameter: $.079$ with tolerances $+ .000$ and $- .010$.
- Left diameter: $.039$ with tolerances $+ .000$ and $- .010$.
- Left diameter tolerance: $\pm .005$.
- Left diameter length: $11/64$.
- Top diameter length: $.078 \pm .005$.
- Thread: 4-40.
- End face: 45° CHAMFER.
- Bottom diameter: $.048$ with tolerances $+ .000$ and $- .015$.
- Bottom diameter length: $.107$ with tolerances $+ .000$ and $- .015$.
- Lengths: SL (from left face to start of thread) and L (total length).

Create a part number:				
Length		Material		Finish
FCXXXX		XX		XX

Material		
Material Code (XX)		
	B	Brass
	S	Steel
	SS	Stainless Steel

Tolerances
Unless otherwise Specified
 .xxx +/- .005
 .xx +/- .010
 Angular +/- 1 Degree
 Linear +/- .005
Break all sharp edges



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