

Technical drawing of a shaft assembly with dimensions and tolerances. The drawing shows a shaft with a central section of length L and a threaded section of length $S.L.$. The shaft has a diameter of $.500 \pm .010$ in the central section and $.175 \pm .005$ in the threaded section. The threaded section is specified as $1/4-20$. The shaft is fitted with a nut and a washer. The nut has a diameter of $.078 \pm .005$ and a length of $.175 \pm .005$. The washer has a diameter of $.078 \pm .005$ and a thickness of $.015 \pm .000$. The shaft is also fitted with a knurl. The knurl has a diameter of $.078 \pm .005$ and a length of $.250 \pm .015$. The knurl is specified as $STRAIGHT KNURL$ and $KNURL TPI 30$. The shaft has a $1/32 \times 45^\circ$ chamfer at one end and a $1/64 \times 45^\circ$ chamfer at the other end. The shaft has a $60^\circ \pm 5^\circ$ thread angle. The drawing includes a watermark for "eBay.com" and "eBay.com".

Create a part number:				
Length		Material		Finish
FCXXXX		XX		XX
- -				

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

 Compatible Finish (XX)		
	B, S, SS	0 - Plain
	B, S	5 - Nickel Plate (QQ-N-290)
	B, S	12 - Zinc Clear (ASTM-B-633)
	B, S	16 - Electro Tin (MIL-T-10727 TYPE 1)
	SS	20 - Passivation (MIL-F-14072D)
	B, S, SS	26 - Black Oxide
	B, S	28 - Zinc Yellow (ASTM-B-633)

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