



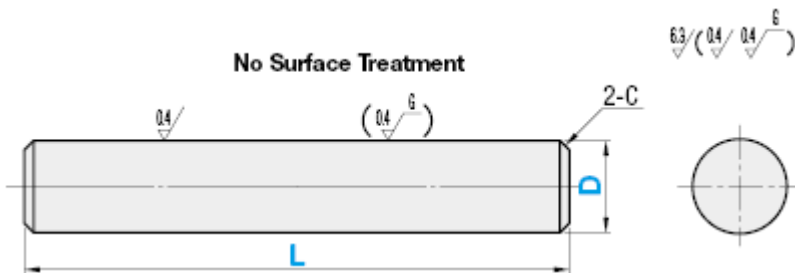
Linear Shafts_Straight



Part Number **SSFU3-90**

20180404092237

Basic Shape	Straight	Shaft end shape (left)	Straight
Shaft end shape (right)	Straight	Shaft end perpendicularity	Perpendicularity (0.2)
Material	[Stainless Steel] EN 1.4125 Equiv.	Heat Treatment	Induction Hardened
Surface Treatment	No	Shaft Dia. D(ϕ)	3
Length L(mm)	90	Shaft Fits Tolerance	h5
Hardness	Induction Hardening (56HRC~)	-	-





Alterations



Part Number - L - (LKC, SC...etc.)

SFJ30 - 250 - LKC

Alteration Details P.113

Alterations	Code	Spec.
	LKC	L Dimension Tolerance Change (Precision) Ordering Code LKC L dimensions can be specified in 0.1 mm increment for LKC. L < 200 → L ± 0.03 200 ≤ L < 500 → L ± 0.05 L ≥ 500 → L ± 0.1
	SC	Wrench Flats at One Location Ordering Code SC5 Application Notes Applicable to D=6 or more SC=1mm Increment SC + l1 ≤ L SC ≥ 0 Not available in combination with WSC.
	WSC	Wrench Flats at Two Locations Ordering Code WSC12-X8 Application Notes Applicable to D=6 or more WSC, X=1mm Increment WSC + X + l1 × 2 < L WSC(X) ≥ 0 Orientation between wrench flats is not coplanar. Not available in combination with SC.
	FC	Set Screw Flat at One Location Ordering Code FC10-A8 FC, A=1mm Increment FC ≤ 3xD When 1.5xD < FC, FC ≤ L/2 A=0 or A ≥ 2 Not available in combination with WFC.
	WFC	Set Screw Flats at Two Locations Ordering Code WFC10-A8-E20 WFC, A, E=1mm Increment WFC ≤ 3xD When 1.5xD < WFC, 2WFC ≤ L/2 A(E)=0 or A(E) ≥ 2 Orientation between set screw flats is not coplanar. Not available in combination with FC.

Alterations	Code	Spec.
	RC	90-deg. Set Screw Flat at One Location Ordering Code RC10 Application Notes Only applicable to D=10 ~ 30. Not available in combination with WRC.
	WRC	90-deg. Set Screw Flats at Two Locations Ordering Code WRC10-Y10 Application Notes Only applicable to D=10 ~ 30. Not available in combination with RC. Orientation between two set screw flats is not coplanar.
	VC	V Groove at One Location Ordering Code VC8 Application Notes Applicable to D=6 or more Not available in combination with WVC.
	WVC	V Grooves at Two Locations Ordering Code WVC180-F8 Application Notes Applicable to D=6 or more Not available in combination with VC.
	KC	Add keyway at one location. Ordering Code KC10-G10 Application Notes Only applicable to D=12, 16, 20, 25 and 30.

For details, see Shaft Alteration Guide. P.113

- Please see Shaft Alteration Overview for details if provided. P.113
- When selecting multiple alteration additions, the distance between machined areas should be greater than 2mm. P.114
- Alterations may lower hardness. See P.112