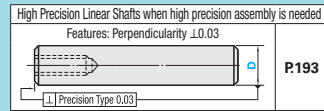


Shafts

One End Tapped



For High Precision Linear Shafts with high perpendicular precision of the shaft end ($\perp 0.03$), see **P.193**.
 For Shafts with Wrench Flats and Cross-Drilled Hole, see **P.125**.

Type		D Tol. g6	D Tol. h5	D Tol. f8	Material	Hardness	Surface Treatment
SFJT	SFUT	-	-	-	EN 1.3505 Equiv.	Effective Hardened Depth of Induction Hardening	-
SSFJT	SSFUT	-	-	-	EN 1.4037 Equiv.	EN 1.3505 Equiv. 58HRC~	Hard Chrome Plating Plating Hardness: HV750 ~ Plating Thickness: 5µ or More
PSFJT	PSFUT	-	-	-	EN 1.3505 Equiv.	EN 1.4037 Equiv. 56HRC~	LTBC Plating
PSSFJT	PSSFUT	-	-	-	EN 1.3505 Equiv.	EN 1.4037 Equiv.	LTBC Plating
RSFJT	-	-	-	-	EN 1.1191 Equiv.	-	Hard Chrome Plating Plating Hardness: HV750 ~ Plating Thickness: 10µ or More
-	-	-	PSFGT	-	EN 1.4301 Equiv.	-	-
-	-	-	PSSFGT	-	EN 1.4301 Equiv.	-	-

D Tol.		D Tol.		D Tol.	
D	g6	h5	f8	D	f8
4	-0.004	0	-	12	-0.016
5	-0.012	-0.005	-0.010	13	-0.017
6	-	-	-0.028	15	-0.006
8	-0.005	0	-0.013	16	-0.017
10	-0.014	-0.006	-0.035	18	-0.007
12	-	-	-	20	-0.020
13	-	-	-	25	-0.020
15	-0.006	0	-0.016	30	-0.009
16	-0.017	-0.008	-0.043	35	-0.025
18	-	-	-	40	-0.025
20	-0.007	0	-0.020	50	-0.025
25	-0.020	-0.009	-0.053		
30	-	-	-		
35	-0.009	0	-0.025		
40	-0.025	-0.011	-0.064		
50	-	-	-		

- RoHS10
- Annealing may lower hardness at shaft end machined areas (effective thread length + approx. 10mm). **P.112**
- Full Length Hardness Guaranteed Shafts **P.127**
- Dimension Tolerance, Circularity, Straightness, Perpendicularity, Concentricity and Changes in Hardness **P.111**
- Features of LTBC Plating **P.128**

Part Number Type	D	L specified in 1mm Increment	M (Coarse) Selection	C
(D Tolerance g6) SFJT, SSFJT, PSFJT, PSSFJT, RSFJT (D≤30, L≤500)	4	20~ 300	2	0.2 or Less
	5	20~ 400	2.6 3	
	6	20~ 600	3	
	8	20~ 800	3 4 5	
	10	20~ 800	3 4 5 6	
	12	20~1000	4 5 6 8	
	13	25~1000	4 5 6 8	
	15	25~1000	4 5 6 8 10	
	16	30~1200	4 5 6 8 10	
	18	30~1200	4 5 6 8 10 12	
(D Tolerance f8) PSFGT (D≥6), PSSFGT (D≥6)	20	30~1200	4 5 6 8 10 12	1.0 or Less
	25	35~1200	4 5 6 8 10 12 16	
	30	35~1500	6 8 10 12 16 20	
	35	35~1500	8 10 12 16 20 24	
	40	50~1500	10 12 16 20 24 30	
	50	65~1500	12 16 20 24 30	

When Mx2.5+4≥L, tap pilot holes may go through.

Ordering Example

Part Number: SFJT8 - L: 200 - M: M4
 RSFJT20 - L: 325 - M: M8

Alterations

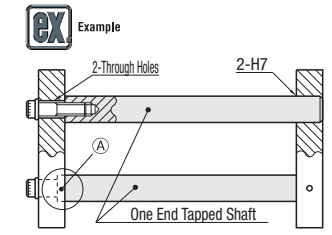
Part Number: SFJT30 - L: 250 - M: M12 - LKC

Alterations	Code	Spec.
	LKC	Alteration to L dimension tolerance (Ordering Code) LKC L dimensions can be specified in 0.1mm increment for LKC. L<200 ...L±0.03 200≤L<500 ...L±0.05 L≥500 ...L±0.1
	FC	Set Screw Flat at One Location (Ordering Code) FC10-E8 FC, E=1mm Increment FC≤3xD When 1.5xD<FC, FC≤L/2 E=0 or E≥2 Not available in combination with WFC.
	WFC	Set Screw Flats at Two Locations (Ordering Code) WFC8-A8-E4 WFC, A, E=1mm Increment WFC≤3xD When 1.5xD<WFC, 2WFC≤L/2 A(E)=0 or A(E)≥2 Two set screw flats cannot be machined coplanar. Not available in combination with FC.

Alterations	Code	Spec.
	MSC	Change to Fine Tapped Thread (Ordering Code) MSC14 (M is changed to MSC) (Application Notes) Applicable to D=12 or more
	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.
	KC	Add keyway at one location. (Ordering Code) KC10-G10 (Application Notes) Only applicable to D=12, 16, 20, 25 and 30.
	MD	Change the effective length of tapped part to Mx3. (Ordering Code) MD6 (M is changed to MD) (Application Notes) Only applicable to D=6~30, M=6~20 One End Tapped: MDx3.5+4≥L

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**

Part Number Type	D	Unit Price																										
		Min. L	L51	L101	L151	L201	L251	L301	L351	L401	L451	L501	L551	L601	L651	L701	L751	L801	L851	L901	L951	L1001	L1101	L1201	L1301	L1401		
SFJT	4																											
	5																											
	6																											
	8																											
	10																											
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SSFJT	4																											
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Part Number Type	D	Unit Price					
		Min. L	L101	L201	L401	L601	L1001