

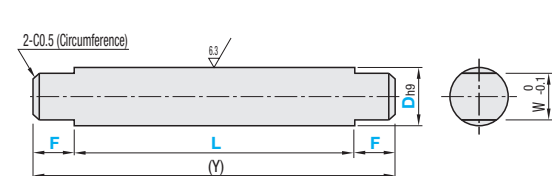
Shafts for Tension

Push / Pull

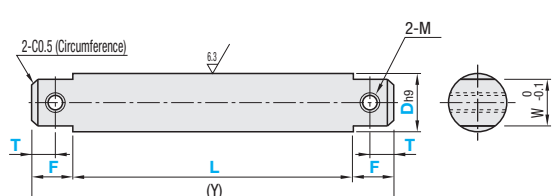


Type	D Tolerance	Material	Surface Treatment
Push SFMRPS SFMRPL	h9	S45C	Black Oxide
PSFMRPS PSFMRPL		Equivalent	Electroless Nickel Plating
SSFMRPS SSFMRPL		SUS304	-

Push



Pull



L, Y and T Tolerances

Dimension over or Less	Tolerance
3	±0.1
6	±0.2
30	±0.3
120	±0.5
400	±0.8

Part Number		0.1mm Increment			M (Coarse)	W	(Y) max.
Type	D h9	L	F	T			
Push SFMRPS PSFMRPS SSFMRPS (D6 is not available for SSFMRPS.)	6	0 -0.030	20.0~286.0	7.0~15.0	2.6	4.5	300
	8	0 -0.036	20.0~384.0	8.0~20.0	4	6	400
	10		20.0~482.0	9.0~20.0	5	8	500
	12	0 -0.043	30.0~582.0			9	600
	15		30.0~660.0	10.0~25.0	6	12	680
Pull SFMRPL PSFMRPL SSFMRPL (D6 is not available for SSFMRPL.)	20		40.0~656.0	12.0~30.0	8	16	680
	25	0 -0.052	50.0~656.0			20	680
	30		60.0~652.0	14.0~35.0	10	25	680
	35	0 -0.062	70.0~648.0	16.0~45.0	12	30	680
				12.0~23.0			

L+2F≤(Y)



Ordering Example

Push
Pull

Part Number - L - F - T
Push SFMRPS20 - 250 - F30
Pull SFMRPL12 - 300 - F15 - T7

Push

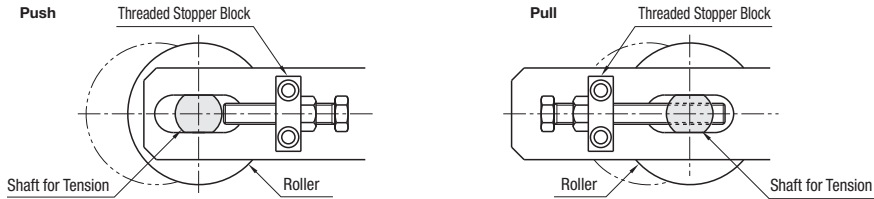
Type	SFMRPS								PSFMRPS								SSFMRPS							
D	Min. L	L50.1	L100.1	L150.1	L200.1	L300.1	L400.1	L600.1	Min. L	L50.1	L100.1	L150.1	L200.1	L300.1	L400.1	L600.1	Min. L	L50.1	L100.1	L150.1	L200.1	L300.1	L400.1	L600.1
6	-50.0	-100.0	-150.0	-200.0	-300.0	-400.0	-600.0	-660.0	-50.0	-100.0	-150.0	-200.0	-300.0	-400.0	-600.0	-660.0	-50.0	-100.0	-150.0	-200.0	-300.0	-400.0	-600.0	-660.0
8																								
10																								
12																								
15																								
20																								
25																								
30	-								-								-							
35	-								-								-							

Pull

Type	SFMRPL								PSFMRPL								SSFMRPL							
D	Min. L	L50.1	L100.1	L150.1	L200.1	L300.1	L400.1	L600.1	Min. L	L50.1	L100.1	L150.1	L200.1	L300.1	L400.1	L600.1	Min. L	L50.1	L100.1	L150.1	L200.1	L300.1	L400.1	L600.1
6	-50.0	-100.0	-150.0	-200.0	-300.0	-400.0	-600.0	-660.0	-50.0	-100.0	-150.0	-200.0	-300.0	-400.0	-600.0	-660.0	-50.0	-100.0	-150.0	-200.0	-300.0	-400.0	-600.0	-660.0
8																								
10																								
12																								
15																								
20																								
25																								
30	-								-								-							
35	-								-								-							



Example



Alterations

Part Number - L - F - T - (FC, WFC, SC--etc.)
PSFMRPS15 - 280 - F13 - LKC
SSFMRPL25 - 350 - F18 - T8 - LKC

Alterations	Set Screw Flat	Wrench Flats	Retaining Ring Groove
~1 Set Screw Flat: FC FCG ~2 Set Screw Flats: WFC WFC	SC W	SC W	TA TB
Code	FC, WFC	SC	TA, TB
Spec.	FC: Adds 1 set screw flat. Ordering Code: FC10-G3 WFC: Adds 2 set screw flats. Ordering Code: WFC10-J3-W10-V3 FC, G, WFC, J, W, V = 1mm Increment G, J, V≤50 Processed ends will not be aligned with each other. D H 6~15 1 20~35 2	Adds a wrench flat. SC = 1mm Increment SC+L2≤L SC=0 or SC≥1 Processed ends will not be aligned with each other. D W L2 D W L2 6 5 20 17 8 7 8 25 22 10 10 8 30 27 15 12 10 35 30 15 13 10	Adds a retaining ring groove. (Applicable retaining rings are included.) TA, TB = 1mm Increment Ordering Code: TA10-TB10 F(T)+4≤TA(TB)≤1/2 For dimensions of the retaining ring groove, see P820