


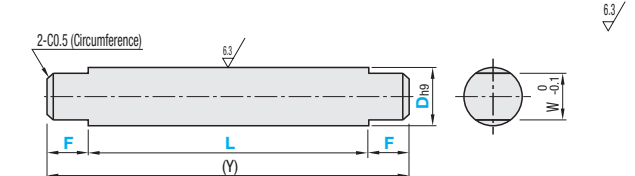
Shafts for Tension

Push / Pull

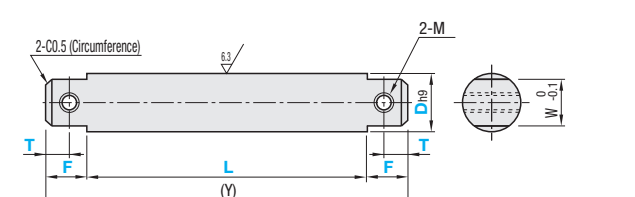


Type		D Tolerance	Material	Surface Treatment
Push	Pull			
SFMRPS	SFMRPL	h9	S45C Equivalent	Black Oxide
PSFMRPS	PSFMRPL			Electroless Nickel Plating
SSFMRPS	SSFMRPL			-

Push



Pull



L, Y and T Tolerances

Dimension over	or Less	Tolerance
3	6	±0.1
6	30	±0.2
30	120	±0.3
120	400	±0.5
400	680	±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	3.0~8.0	2.6	4.5	300	
	8	0 -0.036	20.0~384.0	8.0~20.0	4.0~10.0	4	6	400	
	10		20.0~482.0	9.0~20.0	5.0~10.0	5	8	8	500
	12	0 -0.043	30.0~582.0						600
	15	0 -0.043	30.0~660.0	10.0~25.0	6.0~13.0	6	12	680	
Pull SFMRPL PSFMRPL SSFMRPL (D6 is not available for SSFMRPL.)	20		40.0~656.0	12.0~30.0	8.0~15.0	8	16	680	
	25	0 -0.052	50.0~656.0					680	
	30		60.0~652.0	14.0~35.0	10.0~18.0	10	25	680	
	35	0 -0.062	70.0~648.0	16.0~45.0	12.0~23.0	12	30	680	

⚠ L+2F≤(Y)

Ordering Example

Part Number - L - F - T

Push SFMRPS20 - 250 - F30

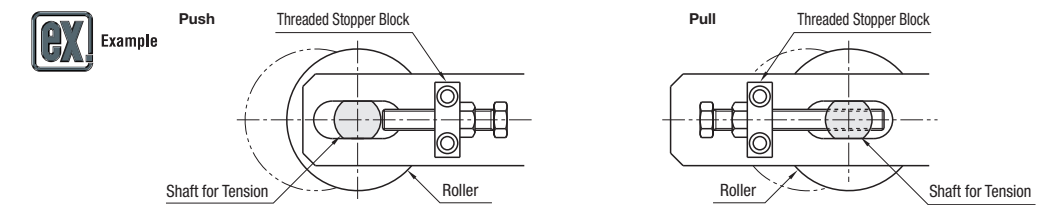
Pull SFMRPL12 - 300 - F15 - T7

Push

Type	SFMRPS								PSFMRPS								SSFMRPS							
	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
D	-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
6																								
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10																								
12																								
15																								
20																								
25																								
30																								
35																								

Pull

Type	SFMRPL								PSFMRPL								SSFMRPL							
	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
D	-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
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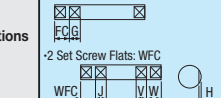
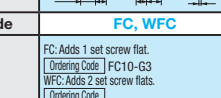
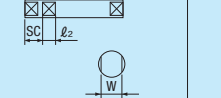
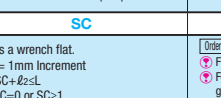



Alterations

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  -2 Set Screw Flats: WFC 	 																																					
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 = 1mm Increment ⚠ FC, G, WFC, J, W, V ⚠ G, J, V≤50 ⚠ Processed ends will not be aligned with each other.	Adds a wrench flat. SC = 1mm Increment ⚠ SC+L2≤L SC=0 or SC>1 ⚠ Processed ends will not be aligned with each other. <table border="1" style="margin-top: 5px;"> <thead> <tr> <th>D</th> <th>W</th> <th>l2</th> <th>D</th> <th>W</th> <th>l2</th> </tr> </thead> <tbody> <tr><td>6</td><td>5</td><td>20</td><td>17</td><td></td><td></td></tr> <tr><td>8</td><td>7</td><td>8</td><td>25</td><td>22</td><td>10</td></tr> <tr><td>10</td><td>8</td><td></td><td>30</td><td>27</td><td>15</td></tr> <tr><td>12</td><td>10</td><td></td><td>35</td><td>30</td><td></td></tr> <tr><td>15</td><td>13</td><td>10</td><td></td><td></td><td></td></tr> </tbody> </table>	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				Ordering Code: TA10-TB10 ⚠ F+4≤TA(TB)≤(L+F×2)/2 ⚠ For dimensions of the retaining ring groove, see P820
D	W	l2	D	W	l2																																		
6	5	20	17																																				
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