

Rotary Shafts

One End Stepped with Retaining Ring Groove / Both Ends Stepped with Retaining Ring Grooves

One End Stepped with Retaining Ring Groove

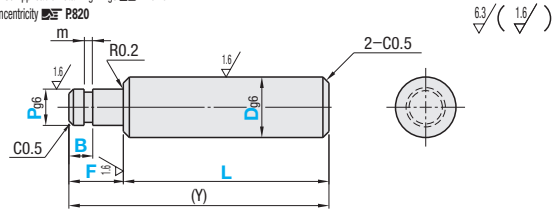


RoHS10

Type	Material	Surface Treatment
SFRX	S45C Equivalent	Black Oxide
PSFRX		Electroless Nickel Plating
SSFRX	SUS304	-

For Retaining Ring Groove Detailed Dimensions / Applicable Retaining Rings \neq P820.

Circularity, Straightness, Perpendicularity, Concentricity \neq P820.



Type	Part Number	Dg6	0.1mm Increment		1mm Increment		(Y) max.
			L	F	B	P	
SFRX	6	-0.004	20.0~298.0	F \leq Px5	When P \leq 6, 2 \leq B	3 4 5	300
	8	-0.005	20.0~398.0			400	
	10	-0.014	20.0~498.0			500	
	12	-0.006	25.0~598.0			5 \leq P<D	600
	13		25.0~598.0				700
	15	-0.017	25.0~698.0		When 6<P \leq 10, 3 \leq B	5 \leq P<D	800
	16	25.0~798.0					
	17	-0.007	30.0~798.0		When 10<P \leq 20, 4 \leq B	10 \leq P<D	
	18		30.0~798.0				
	20		30.0~798.0				
22	-0.020	30.0~798.0	When 20<P, 5 \leq B	16 \leq P<D			
25	30.0~798.0						
30	-0.009	40.0~798.0	800				
35		40.0~798.0					
40		40.0~798.0					
50	-0.025	40.0~798.0					

When D-P \leq 2, chamfer C at the step is 0.2 or less. For P dimension, 27, 31, 33, 34, 36, 37, 38, 39, 41, 42, 43, 44, 46, 47, 48 and 49 cannot be specified. For m Dimension, see P820.

Both Ends Stepped with Retaining Ring Grooves

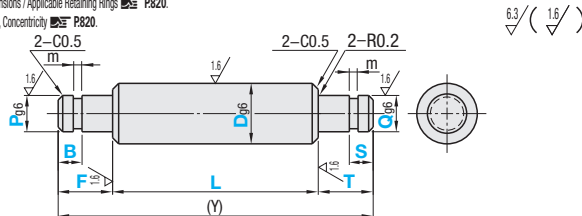


RoHS10

Type	Material	Surface Treatment
SFRZ	S45C Equivalent	Black Oxide
PSFRZ		Electroless Nickel Plating
SSFRZ	SUS304	-

For Retaining Ring Groove Detailed Dimensions / Applicable Retaining Rings \neq P820.

Circularity, Straightness, Perpendicularity, Concentricity \neq P820.



Type	Part Number	Dg6	0.1mm Increment		1mm Increment		(Y) max.
			L	F, T	B, S	P, Q	
SFRZ	6	-8.872	20.0~296.0	F \leq Px5 T \leq Qx5	When P, Q \leq 6, 2 \leq B, S	3 4 5	300
	8	-0.005	20.0~396.0			400	
	10	-0.014	20.0~496.0			500	
	12	-0.006	25.0~596.0			5 \leq P, Q<D	600
	13		25.0~596.0				700
	15	-0.017	25.0~696.0		When 6<P and Q \leq 10, 3 \leq B, S	5 \leq P, Q<D	800
	16	25.0~796.0					
	17	-0.007	30.0~796.0		When 10<P and Q \leq 20, 4 \leq B, S	10 \leq P, Q<D	
	18		30.0~796.0				
	20		30.0~796.0				
22	-0.020	30.0~796.0	When 20<P, Q, 5 \leq B, S	16 \leq P, Q<D			
25	30.0~796.0						
30	-0.009	40.0~796.0	800				
35		40.0~796.0					
40		40.0~796.0					
50	-0.025	40.0~796.0					

When D-P(Q) \leq 2, chamfer C at the step is 0.2 or less. For P and Q dimensions, 27, 31, 33, 34, 36, 37, 38, 39, 41, 42, 43, 44, 46, 47, 48 and 49 cannot be specified. For m Dimension, see P820.



Ordering Example

Part Number - L - F - B - P
SFRX30 - 500 - F20 - B10 - P15

Part Number - L - F - B - P - T - S - Q
PSFRZ30 - 340 - F13 - B9 - P8 - T12 - S10 - Q8