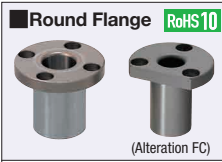


# Bushings for Locating Pins

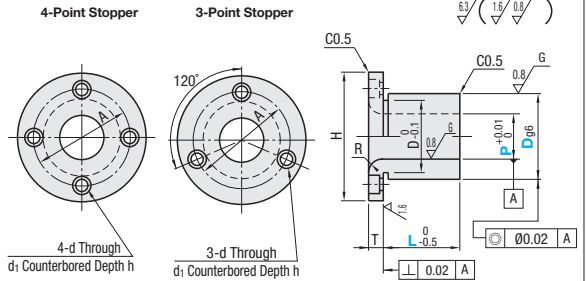
## Flanged



(Alteration FC)

Material	Surface Treatment	Hardness	Type			
			P Fixed and L Selectable 4-Point Stopper	P L Configurable 4-Point Stopper	P L Configurable 3-Point Stopper	P L Configurable 3-Point Stopper
SKS3 Equivalent	-	* Treated Hardness: 56 ~ 60HRC	JBY	JBT	JBYF	JBTf
	Black Oxide Electroless Nickel Plating		-	-	JBYFB	JBTfM
SUS304	-	-	JBYM	-	JBYFS	JBTfM
SUS400C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	-	-	JBYFC	-

\* P Fixed Type is 60 to 63HRC.

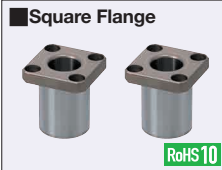


**P Fixed and L Selectable** JBT is available for P dimension with \* 1 mark only. L dimensions marked with \*2 are not available for JBYM.

Part Number Type	P	L Selection				R	H	T	Dg6	A	d	d1	h	Unit Price Round Flange																
		5	8	10	12									JBY	JBYM	JBT														
JBY JBYM JBT	5	8	10	12	*16	1	25	5	10	-0.005 -0.014	17	3.3	6.5	3.5																
	*16	8	10	12	16																									
	*18								12		20																			
	*110		10	12	16	20	2	36	6	15	-0.006 -0.017	26	4.5	8	4.5															
	*112		12	16	20	25													30											
	13		12	16	*20	25													*30	40	6	22		30						
	*115		12	16	20	25													30	44	6	25	-0.007 -0.020	34	4.5	8	4.5			
	16		16	20	25	30	35	26		26		42																		
	*120						3	56	8	30	-0.009 -0.025	42	6.6	11	6.5															
	25		20	25	30	*235													40	60	8	35		46						

**P and L Configurable** L+T ≤ P×3.0

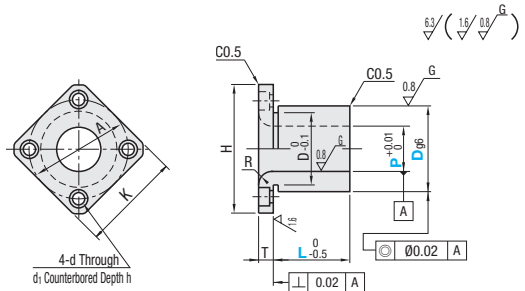
Part Number Type	Dg6	P 0.01mm Increment	L 0.1mm Increment	R	H	T	A	d	d1	h	Unit Price							
											Round Flange -4-Point Stopper			Round Flange -3-Point Stopper				
												JBYF	JBYFB	JBYFM	JBYFS	JBYFC	JBTf	JBTfM
Round Flanges, 4-Point Stopper JBYF JBYFB JBYFM JBYFS JBYFC	10	-0.005 -0.014	4.00-6.50	1	25	5	17	3.3	6.5	3.5								
	12	-0.006 -0.017	6.00-8.50								28	20						
	15	-0.006 -0.017	8.00-10.50	2	36	6	26	4.5	8	4.5								
	18	-0.006 -0.017	10.00-12.50								40	30						
	20	-0.007 -0.020	12.00-13.50								44	34						
	Round Flanges, 3-Point Stopper JBTf JBTfM	25	-0.007 -0.020	13.00-15.50	3	56	8	42	6.6	11	6.5							
		26	-0.009 -0.025	15.00-16.50								60	46					
30		-0.009 -0.025	16.00-20.50															
35		-0.009 -0.025	20.00-25.00															



(Alteration FC)

Material	Surface Treatment	Hardness	Type	
			P Fixed and L Selectable	P L Configurable
SKS3 Equivalent	-	* Treated Hardness: 56 ~ 60HRC	JBS	JBSF
	Black Oxide Electroless Nickel Plating		-	JBSFB
SUS304	-	-	JBSM	JBSFM
SUS400C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	-	JBSFS
			-	JBSFC

\* P Fixed Type is 60 to 63HRC.



**P Fixed and L Selectable** L dimensions marked with \* are not available for JBSM.

Part Number Type	P	L Selection				R	H	K	T	Dg6	A	d	d1	h	Unit Price													
		8	10	*12	16										JBS	JBSM												
JBS JBSM	8	10	*12	16	20	2	28	22	5	12	-0.006 -0.017	20	3.3	6.5	3.5													
	10																	15		26								
	12																	18										
	15		12	16	20													25	30									
	16					3	56	44	8	25	-0.007 -0.020	34	4.5	8	4.5													
	20		16	20	25													30	*35									
	25																	30		42								
	25		20	25	30													*35	40	60	47	35	-0.009 -0.025	46	6.6	11	6.5	

**P and L Configurable** L+T ≤ P×3.0

Part Number Type	Dg6	P 0.01mm Increment	L 0.1mm Increment	R	H	K	T	A	d	d1	h	Unit Price					
												JBSF	JBSFB	JBSFM	JBSFS	JBSFC	
JBSF JBSFB JBSFM JBSFS JBSFC	10	-0.005 -0.014	4.00-6.50	1	25	20	5	17	3.3	6.5	3.5						
	12	-0.006 -0.017	6.00-8.50									28	22				
	15	-0.006 -0.017	8.00-10.50	2	36	28	6	26	4.5	8	4.5						
	18	-0.006 -0.017	10.00-12.50									40	31				
	20	-0.007 -0.020	12.00-13.50									44	34				
	25	-0.007 -0.020	13.00-15.50	3	56	44	8	42	6.6	11	6.5						
	26	-0.009 -0.025	15.00-16.50									60	47				
	30	-0.009 -0.025	16.00-20.50														
35	-0.009 -0.025	20.00-25.00															