

Bearings with Housings - with Positioning Groove

T-Shaped

Bearings with Housings - with Positioning Groove

T-Shaped Double Bearings

■ Features: T-shaped bearings with housings suitable for positioning guarantee the symmetry to the datum plane.

Type				Material	Surface Treatment	Accessory Retaining Ring
Base Face Type		Key Groove Type		Bearing	Housing	Housing
h Selectable	h Configurable	h Selectable	h Configurable			
BSHKB	BSHFB	BKHKB	BKHWB	Steel	S45C Equivalent	Black Oxide
BSHK	BSHF	BKHK	BKHFW			Electroless Nickel Plating
BSHKA	-	BKKA	-		2000 Aluminum Alloy	Clear Anodize
BSHKA	-	BKKA	-		SUS304 Equivalent	

Bearing Accuracy JIS B 1514 Class 0
6.3 / (1.6 /)

Base Face Type

Key Groove Type

* Bearings with Rubber Seats (VV and DD) are all made of steel.
* The surface of the punch marked side and the surface opposite of the punch mark side are the datum (Refer to App. Example).
* Perpendicularity of the punch marked surface and the bottom surface is 0.02.

Type				Material	Surface Treatment
Base Face Type		Key Groove Type		Bearing	Housing
h Selectable	h Configurable	h Selectable	h Configurable		
BSHWB	BSHWF	BKHWB	BKHWF	Steel	S45C Equivalent
BSHW	BSHW	BKH	BKH		
BSHWA	-	BKHWA	-		2000 Aluminum Alloy
BSHWSA	-	-	-		SUS304 Equivalent
BSHWS	-	BKHWS	-		-

Bearing Accuracy JIS B 1514 Class 0
6.3 / (1.6 /)

Base Face Type

Key Groove Type

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* The surface of the punch marked side and the surface opposite of the punch mark side are the datum (Refer to App. Example).
* Perpendicularity of the punch marked surface and the bottom surface is 0.02.

Base Face Type		Unit Price																
Type	Bearing No.	Seal	Selectable	Configurable	d	DH7	dh	B	H	L	L1	L2	L3	T	S	d1	h Selectable	h Configurable
h Selectable	623	ZZ	15 20 25	10-30	3	10	+0.015	7	4	h+9	36	26	16	18	5	4.5	BSHKB	BSHK
	624				4	13	9	5	h+11	38	28	18	19	10				
	605		5	14	10	5	h+11	40	30	20	20							
	606		6	17	13	6	h+13	47	35	23	23.5							
	608		8	22	18	7	h+15	53	41	29	26.5	12						
	6900	10	22	19	6	h+15	53	41	29	26.5	10							
	6000	26	22	22	8	h+17	58	46	34	29	15							
	6901	26	22	22	8	h+17	58	46	34	29	15							
	6001	12	24	21	6	h+16	56	44	32	28	12							
	6902	12	24	21	6	h+16	56	44	32	28	12							
h Configurable	6002	DD	30 40 50	25-50	15	32	+0.025	28	9	h+20	68	54	40	34	15	6.5		
	6903				17	35	+0.025	27	7	h+19	64	52	38	32			13	
	6003		17	35	+0.025	31	10	h+22	70	56	43	35	16					
	6904		20	37	+0.025	34	9	h+23	73	59	45	36.5	15					
	6004		20	42	+0.025	36	12	h+25	82	66	50	41	9					
	6005	25	47	+0.030	41	13	h+28	96	76	56	48	19						
	6006	30	55	+0.030	48	13	h+32	104	84	64	52	20						

Key Groove Type		Unit Price																
Type	Bearing No.	Seal	Selectable	Configurable	d	DH7	dh	B	H	L	L1	L2	L3	T	S	d1	h Selectable	h Configurable
h Selectable	623	ZZ	15 20 25	15-30	3	10	+0.015	7	4	h+9	36	26	16	18	5	4.5	BKHKB	BKHK
	624				4	13	9	5	h+11	38	28	18	18	3				
	605		5	14	10	5	h+11	40	30	20	20	4						
	606		6	17	13	6	h+13	47	35	23		1.8						
	608		8	22	18	7	h+15	53	41	29	6	2.8						
	6900	10	22	19	6	h+15	53	41	29	6	2.8							
	6000	26	22	22	8	h+17	58	46	34		3.3							
	6901	26	22	22	8	h+17	58	46	34		3.3							
	6001	12	24	21	6	h+16	56	44	32	8	±0.0180							
	6902	12	24	21	6	h+16	56	44	32	8	±0.0180							
h Configurable	6002	DD	30 40 50	25-50	15	32	+0.025	28	9	h+20	68	54	40	34	15	6.5		
	6903				17	35	+0.025	27	7	h+19	64	52	38	13				
	6003		17	35	+0.025	31	10	h+22	70	56	43	10						
	6904		20	37	+0.025	34	9	h+23	73	59	45	15						
	6004		20	42	+0.025	36	12	h+25	82	66	50	9						
	6005	25	47	+0.030	41	13	h+28	96	76	56	12							
	6006	30	55	+0.030	48	13	h+32	104	84	64	12							

* No. 623, 624, 605 and 606 are not available for VV (Non-contact Sealed).
* The price of sealed VV and DD are the price shown in the table multiplied by 1.1.

Ordering Example		Part Number		h	
Type	Bearing	Seal	-		
BSHK	6000	ZZ	-	30	
BKHF	6002	VV	-	28	

Alterations

Code	NA	KCC	KKC
Bearings, Retaining Rings Not Assembled	NA	KCC	KKC
C2 Chamfer	KCC	KKC	

Spec.

Bearings and retaining rings are shipped unassembled to the housing.

C2 chamfer is done on the top edge surface.

C chamfer (45°) is done on both top edge corners. (Ordering Code) KKC

* Applicable to h Configurable Type only.

Base Face Type		Unit Price																
Type	Bearing No.	Seal	Selectable	Configurable	d	DH7	dh	B	H	L	L1	L2	L3	T	S	d1	h Selectable	h Configurable
h Selectable	623	ZZ	15 20 25	15-30	3	10	+0.015	7	4	h+9	36	26	16	18	5	4.5	BSHWB	BSHW
	624				4	13	9	5	h+11	38	28	18	19	5				
	605		5	14	10	5	h+11	40	30	20	20							
	606		6	17	13	6	h+13	47	35	23	23.5							
	608		8	22	18	7	h+15	53	41	29	26.5	10						
	6900	10	22	19	6	h+15	53	41	29	26.5	6							
	6000	26	22	22	8	h+17	58	46	34	29								
	6901	26	22	22	8	h+17	58	46	34	29								
	6001	12	24	21	6	h+16	56	44	32	28	10							
	6902	12	24	21	6	h+16	56	44	32	28	10							
h Configurable	6002	DD	30 40 50	25-50	15	32	+0.025	28	9	h+20	68	54	40	34	15	6.5		
	6903				17	35	+0.025	27	7	h+19	64	52	38	32				
	6003		17	35	+0.025	31	10	h+22	70	56	43	35						
	6904		20	37	+0.025	34	9	h+23	73	59	45	36.5						
	6004		20	42	+0.025	36	12	h+25	82	66	50	41						
	6005	25	47	+0.030	41	13	h+28	96	76	56	48							
	6006	30	55	+0.030	48	13	h+32	104	84	64	52							

Key Groove Type		Unit Price																
Type	Bearing No.	Seal	Selectable	Configurable	d	DH7	dh	B	H	L	L1	L2	L3	T	S	d1	h Selectable	h Configurable
h Selectable	623	ZZ	15 20 25	15-30	3	10	+0.015	7	4	h+9	36	26	16	18	5	4.5		
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	608		8	22	18	7	h+15	53	41	29	6	2.8						
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	6901	26	22	22	8	h+17	58	46	34		3.3							
	6001	12	24	21	6	h+16	56	44	32	8	±0.0180							
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	6904		20	37	+0.025	34	9	h+23	73	59	45	15						
	6004		20	42	+0.025	36	12	h+25	82	66	50	9						
	6005	25	47	+0.030	41	13	h+28	96	76	56	12							
	6006	30	55	+0.030	48	13	h+32	104	84	64	12							

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Ordering Example		Part Number		T		h	
Type	Bearing	Seal	-				
BSHW	6000	ZZ	-	25	-	30	
BSHWF	6900	VV	-	25	-	25	

Alterations

Code	NA	KCC	KKC
Bearings Not Assembled	NA	KCC	KKC
C2 Chamfer	KCC	KKC	

Spec.

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