


# Bearings with Housings

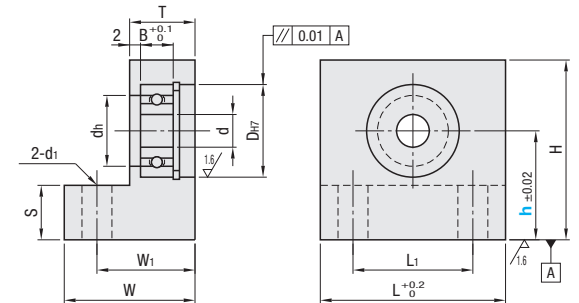
## L-Shaped

■ Suitable when crosswise space needs to be secured.



Type	Material	Surface Treatment	Accessory Retaining Ring
<b>BGLKB</b> <b>BGLFB</b>	Steel	Black Oxide	Spring Steel
<b>BGLK</b> <b>BGLF</b>	2000 Aluminum Alloy	Electroless Nickel Plating	-
<b>BGLKA</b> <b>BGLFA</b>	2000 Aluminum Alloy	Clear Anodize	SUS304 Equivalent
<b>BGLKS</b> <b>BGLFS</b>	Stainless Steel	-	SUS304 Equivalent

⚠ Bearings with Rubber Seals (VV and DD) are all made of steel.



Bearing Accuracy: JIS B 1514 Class 0

Type	Bearing No.	Seal	h		d	Dh7	Tolerance	dh	B	H	L	L1	W	T	S	d1	Unit Price						
			Selectable	Configurable (mm increment)													BGLKB	BGLK	BGLKA	BGLKS	BGLFB	BGLF	BGLFA
h Selectable	623	ZZ Double Shielded (x1.0)	15 20 25	15-30	3	10	+0.015	7	4	h+9	20	10	20	15	10	5	4.5	-	-	-	-	-	-
	624				4	13	9	5	h+11	22	12	20	15	10	-			-	-	-			
	605				5	14	10	5	h+11	24	14	20	15	10	-			-	-	-			
	625				5	16	12	5	h+12	28	16	22	16	10	-			-	-	-			
	606				6	17	13	6	h+13	34	22	24	18	12	-			-	-	-			
	626		6	19	15	6	h+14	36	24	24	18	12	-	-	-			-					
	608		8	22	18	7	h+15	38	26	24	18	12	-	-	-			-					
	628		8	24	20	8	h+16	34	22	27	21	15	-	-	-			-					
	6900		10	22	19	6	h+15	32	20	24	18	12	-	-	-			-					
	6000		10	26	22	8	h+17	38	26	27	21	15	-	-	-			-					
h Configurable	6200	*VV Non-Contact Sealed Rubber Seal (x1.1)	25 30 40	25-40	30	24	+0.021	24	9	h+19	40	28	27	21	15	10	5.5	-	-	-	-	-	
	6901				24	21	6	h+16	36	24	24	18	12	-	-			-	-				
	6001				12	28	24	8	h+18	40	28	27	21	15	-			-	-	-			
	6201				12	32	26	10	h+20	42	30	28	22	16	-			-	-	-			
	6902				15	28	7	h+18	42	30	24	18	12	-	-			-	-				
	6002		15	32	9	h+20	50	36	29	22	15	-	-	-	-								
	6202		15	35	0	29	11	h+22	44	30	31	24	17	-	-			-					
	6903		17	30	+0.021	27	7	h+19	42	30	26	20	13	-	-			-					
	6003		17	35	31	10	h+22	50	36	31	24	16	-	-	-								
	6203		17	40	34	12	h+24	48	36	33	26	20	-	-	-								
h Configurable	6904	*DD Contact Sealed Rubber Seal (x1.1)	30 40 50	30-50	37	+0.025	34	9	h+23	45	31	29	22	15	15	6.5	-	-	-	-	-		
	6004				40	36	12	h+25	54	38	35	27	19	-			-	-					
	6204				40	47	14	h+28	60	44	36	28	20	-			-	-					
	6005				40	47	12	h+28	62	46	35	27	19	-			-	-					
	6205		25	52	15	h+31	70	50	42	32	22	-	-	-									
	6006		25	48	13	h+32	74	54	40	30	20	-	-	-									
	6206		30	55	+0.030	48	13	h+32	74	54	40	30	20	-			-						
	6206		30	62	55	16	h+36	82	62	43	33	23	-	-									

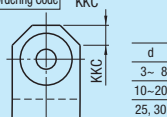
⚠ The price of sealed VV and DD are the price shown in the table multiplied by 1.1. ⚠ Check for available sizes in the price list. ⚠ No. 623, 624, 605 and 606 are not available for VV (Non-contact Sealed).

**Ordering Example**

Part Number	h
BGLK 6000 DD - 30	30
BGLFA 6904 ZZ - 45	45

**Alterations**


Part Number	h	(KCC, KCC, NA)
BGLF6000ZZ - 30	30	KCC

Alterations	Bearings, Retaining Rings Not Assembled	C2 Chamfer	C Chamfer								
Code	NA	KCC	KCC								
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) KCC <table border="1"> <tr> <td>d</td> <td>KCC</td> </tr> <tr> <td>3-8</td> <td>5</td> </tr> <tr> <td>10-20</td> <td>10</td> </tr> <tr> <td>25, 30</td> <td>12</td> </tr> </table> ⚠ Applicable to h Configurable Type only.	d	KCC	3-8	5	10-20	10	25, 30	12
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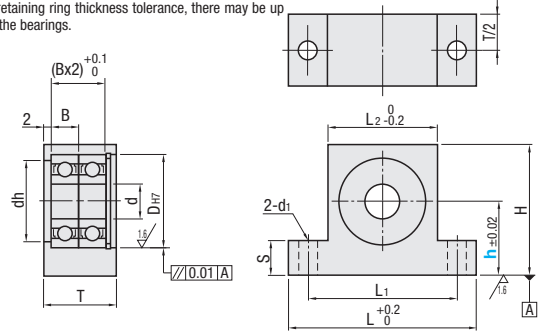
## T-Shaped Short Double Bearings

■ Features: Combining the 2 Bearings can save more space on the front and the back than the standard double type.



Type	Material	Surface Treatment	Accessory Retaining Ring
<b>BGMWB</b>	Steel	Black Oxide	Spring Steel
<b>BGMW</b>	S45C Equivalent	Electroless Nickel Plating	-
<b>BGMWS</b>	Stainless Steel	-	SUS304 Equivalent

Bearing Accuracy: JIS B 1514 Class 0



⚠ Easier to obtain required radial load ratings when space is limited.  
 ⚠ Bearings with Rubber Seals (VV and DD) are all made of steel.  
 ⚠ The "(Bx2)" dimension for "T-Shaped Short Double Bearings" Type indicates the position where the retaining ring groove begins. Please note that considering the groove width tolerance and the retaining ring thickness tolerance, there may be up to max.0.3 of axial clearance on the bearings.

Type	Bearing No.	Seal	h Selection	d	Dh7	Tolerance	dh	B	H	L	L1	L2	T	S	d1	Unit Price													
																BGMWB	BGMW	BGMWS											
BGMWB	605	ZZ Double Shielded (x1.0)	15 20 25	5	14	+0.018	10	5	h+11	40	30	20	15	5	4.5	-	-	-											
	606															6	17	13	6	h+13	47	35	23	18	-	-	-		
	608															8	22	18	7	h+15	53	41	29	19	-	-	-		
	6900															10	26	19	6	h+15	53	41	29	18	-	-	-		
	6000															10	26	22	8	h+17	58	46	34	23	-	-	-		
	BGMW		6901	*VV Non-Contact Sealed Rubber Seal (x1.1)	20 30 40	12	24	+0.021	21	6	h+16	56	44	32	18	10	5.5	-	-	-									
			6001															24	21	6	h+16	56	44	32	18	-	-	-	
			6902															28	24	8	h+18	60	48	36	23	-	-	-	
			6002															28	25	7	h+18	60	48	36	19	-	-	-	
			6903															15	32	+0.025	28	9	h+20	68	54	40	24	-	-
BGMWS		6002	*DD Contact Sealed Rubber Seal (x1.1)		30 40 50	17	30	+0.021	27	7	h+19	64	52	38	20	15	6.5	-	-	-									
		6903																35	31	10	h+22	70	56	43	26	-	-		
		6003																35	34	9	h+23	73	59	45	24	-	-		
		6904																20	37	+0.025	34	9	h+23	73	59	45	24	-	-
		6004																20	42	36	12	h+25	82	66	50	-	-		
	BGMWS	6005		25	47	41	12	h+28	96	76	56	-	-																
		6006		30	55	+0.030	48	13	h+32	104	84	64	32	20	11	-	-												

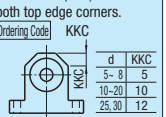
⚠ The price of sealed VV and DD are the price shown in the table multiplied by 1.1. ⚠ Check for available sizes in the price list. ⚠ For details of Bearing Standards, see P.989, 991, 993-996, 1003 and 1004. ⚠ No. 605 and 606 are not available for VV (Non-contact Sealed).

**Ordering Example**

Part Number	h
BGMW 6000 ZZ - 30	30

**Alterations**

Part Number	h	(KCC, KCC, NA)
BGMW6000VV - 30	30	NA

Alterations	Bearings, Retaining Rings Not Assembled	C2 Chamfer	C Chamfer								
Code	NA	KCC	KCC								
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) KCC <table border="1"> <tr> <td>d</td> <td>KCC</td> </tr> <tr> <td>5-8</td> <td>5</td> </tr> <tr> <td>10-20</td> <td>10</td> </tr> <tr> <td>25, 30</td> <td>12</td> </tr> </table> ⚠ Applicable to h Configurable Type only.	d	KCC	5-8	5	10-20	10	25, 30	12
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