

Square Bearings with Housings - Overview

Bearings with Housings - T-Shaped Extruded Machined

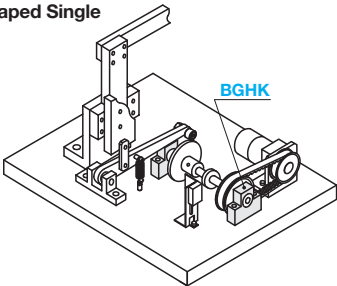
Selection List for Bearings with Housings

- Square Bearings with Housings are the bundled item containing the Class 0 Accuracy Bearings and the Housing with the H7 Accuracy Bearing Hole guaranteed. This will save your time and trouble of preparing drawings and ordering parts.
- Largely classified into two types: Single and Double (excluding some shapes). The Double is suitable for supporting relatively large load.

Basic Shape	Product Photo	Securing Method	Features	Page	
				Single	Double
T-Shaped Extruded Aluminum Product			<ul style="list-style-type: none">Most economical extruded aluminum product.Price is reduced up to 30% lower than the conventional steel T-shaped milled products.R-shaped corner has improved the safety and the design.	P960	
T-Shaped			<ul style="list-style-type: none">Stable installation.Suitable when lengthwise space is limited.If positioning accuracy is required, Bearings with Housings - with Positioning Groove is useful.Bearings with Housings - Low Particle Generation Grease Filled is suitable for use in a clean room, etc.	Standard P961 Datum P967 Low Particle Generation Grease Filled P969	Standard P963 Short Double P966 Datum P968 Low Particle Generation Grease Filled P970
L-Shaped			<ul style="list-style-type: none">Suitable when crosswise space is limited.	P965	
Bottom Mount			<ul style="list-style-type: none">Mounted from the bottom of the plate.Suitable when crosswise space is limited.	P971	P972
Block			<ul style="list-style-type: none">Suitable when lengthwise space is limited.	P973	P974
Front Mount			<ul style="list-style-type: none">For limited installation spaces.Shouldered Type guarantees ±0.02 height accuracy.	Standard P975 Shouldered P976	

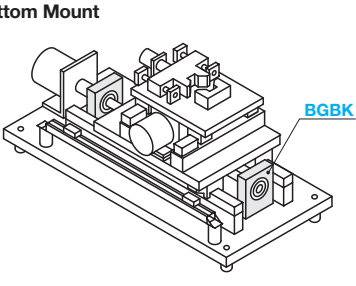
App. Examples of Bearings with Housings

T-Shaped Single



Example of a link mechanism using a cam.
The above example uses the T-shaped single type to save the front and back space.

Bottom Mount



If the space is limited all around as shown in the above example, it is effective to use bottom mount type and fasten it from the plate bottom.

■ Features: Extruded machined product made of aluminum alloy reduces the price up to 30% than the conventional T-shaped milled product made of steel. Round shape eliminates the need for C chamfering and improves safety.

Type	Material	Surface Treatment	Accessory
	Bearing	Housing	Retaining Ring
C-BGHKA	Steel	Aluminum Alloy	Clear Anodize Spring Steel

Bearing Accuracy: JIS B 1514 Class 0

RoHS10

Part Number		h	d	H	L1	d1	L	L2	T	S	dh	DH7	B	R	Bearing Used			Unit Price
Type	Bearing No.														Basic Load Rating		Allowable Rotational Speed	
C-BGHKA	608ZZ	20	8	35	41	5.5	53	29	12	10	18	22	7	11	3.35	1.4	32000	
		25		40						10								
		30		45						15								
	6900ZZ	20	10	35	41	5.5	53	29	12	10	19	22	6	11	2.7	1.27	30000	
		30		45						15								
		40		55						10								
	6000ZZ	20	10	37						10	22	26	8	13	4.55	1.96	29000	
		30		47	46	5.5	58	34	15	15								
		40		57						15								
	6200ZZ	20	10	40		5.5				10	24	30	9	16	5.1	2.39	25000	
		30		50	54	6.5	68	40	15	15								
		40		60		6.5				15								
	6901ZZ	20	12	37						10	21	24	6	13	2.89	1.46	27000	
		30		47	46	5.5	58	34	12	15								
		40		57						15								
	6001ZZ	20	12	40		5.5				10	24	28	8	16	5.1	2.39	26000	
		30		50	54	6.5	68	40	15	15								
		40		60		6.5				15								
	6201ZZ	20	12	40		5.5				10	26	32	10	16	6.1	2.75	22000	
		30		50	54	6.5	68	40	16	15								
		40		60		6.5				15								
	6902ZZ	30	15	50	54	6.5	68	40	12	15	25	28	7	16	3.65	2	24000	
		40		70						15								
		50		70						15								
	6002ZZ	30	15	50	54	6.5	68	40	15	15	28	32	9	16	5.6	2.83	22000	
		40		60						15								
		50		70						15								



Ordering Example

Part Number		h
Type	Bearing	
C-BGHKA	608ZZ	20



Example

