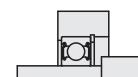
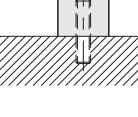
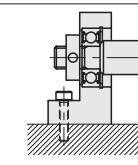
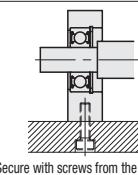
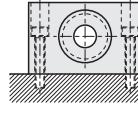
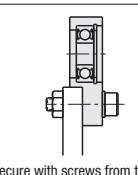


Square Bearings with Housings - Overview

Bearings with Housings - T-Shaped Extruded Machined

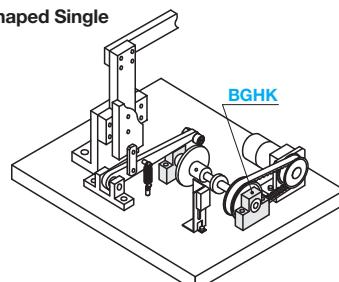
Selection List for Bearings with Housings

- 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. 	P.960	
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 P.961 Datum P.967 Low Particle Generation Grease P.969	Standard P.963 Short Double P.966 Datum P.968 Low Particle Generation Grease Filled P.970
L-Shaped			<ul style="list-style-type: none"> Suitable when crosswise space is limited. 	P.965	
Bottom Mount			<ul style="list-style-type: none"> Mounted from the bottom of the plate. Suitable when crosswise space is limited. 	P.971	P.972
Block			<ul style="list-style-type: none"> Suitable when lengthwise space is limited. 	P.973	P.974
Front Mount			<ul style="list-style-type: none"> For limited installation spaces. Shouldered Type guarantees ± 0.02 height accuracy. 	Standard P.975 Shouldered P.976	

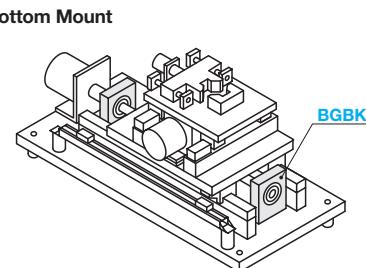
App. Examples of Bearings with Housings

T-Shaped Single



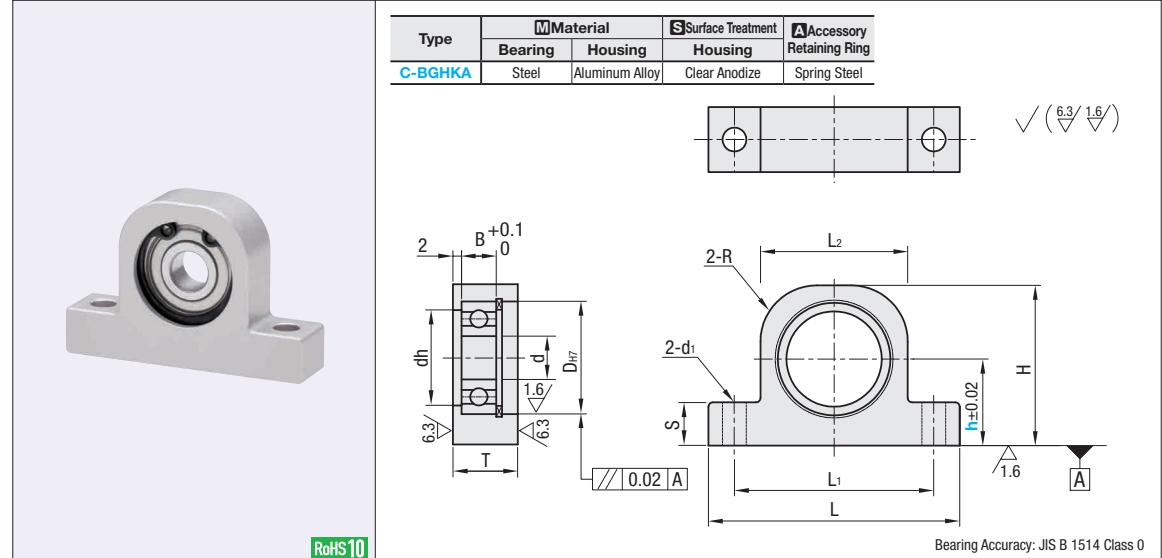
Example of a link mechanism using a cam.
The above example uses the T-shaped single type to save the front and back space.

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	Bearing No.	h Selection	d	H	L1	d1	L	L2	T	S	dh	D_H7	B	R	Bearing Used		Unit Price	
															Basic Load Rating	Allowable Rotational Speed		
C-BGHKA	608ZZ	20	35							10	10	18	22	7	11	3.35	1.4	32000
		25	40	41	5.5	53	29	12			15							
		30	45								10							
	6900ZZ	20	35							15	19	22	6	11	2.7	1.27	30000	
		30	45	41	5.5	53	29	12			10							
		40	55								10							
	6000ZZ	20	37							10	22	26	8	13	4.55	1.96	29000	
		30	47	46	5.5	58	34	15	10									
		40	57															
	6200ZZ	20	40							10								
		30	50	54	6.5	68	40	15	15	24	30	9	16	5.1	2.39	25000		
		40	60						15									
C-BGHKA	6901ZZ	20	37							10								
		30	47	46	5.5	58	34	12	10	21	24	6	13	2.89	1.46	27000		
		40	57															
	6001ZZ	20	40							10								
		30	50	54	6.5	68	40	15	15	24	28	8	16	5.1	2.39	26000		
		40	60						15									
	6201ZZ	20	40							10								
		30	50	54	6.5	68	40	16	15	26	32	10	16	6.1	2.75	22000		
		40	60						15									
	6902ZZ	30	50							10								
C-BGHKA		40	60	54	6.5	68	40	15	15	25	28	7	16	3.65	2	24000		
		50	70															
	6002ZZ	30	50							15	28	32	9	16	5.6	2.83	22000	
		40	60	54	6.5	68	40	15	15	28	32	9	16	5.6	2.83	22000		
		50	70															

Ordering Example: Part Number C-BGHKA 608ZZ - h

Example: ex

