

Cam Followers

Overview

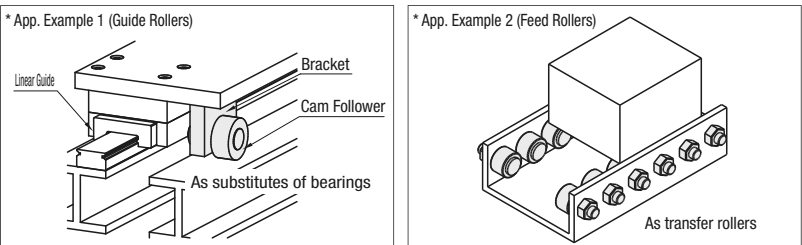
What is Cam Follower

A highly rigid shaft bearing with a thick outer ring and integrated needle rollers. The needle helps to increase the rotation capacity to withstand high-speed. The outer ring is designed thicker than normal bearings so that they can be used for areas with impact load or heavy load.







Features

1. The shaft makes it easier to mount!
2. Suitable for areas where forces apply!
3. Can be used for high-speed applications!

App. Example



Types of Cam Followers

Application		General										Small				Noise Prevention									
Features		With Hex Socket						Straight Slot				Precision Type				Simple Type		Plastic Type		With Urethane					
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Product Description																									
		d3 to d10 are "Hex Socket on Head" (Hex socket on stud head), d12 to 20 are "Hex Socket on Head and Thread" (Hex socket on both stud head and thread). They can be mounted easily using a hex wrench.						A cam follower with straight slot on stud head. The most standard type.				A small cam follower with extremely fine needles assembled on the outer ring. Suitable for electronic components/equipment and office automation equipment.				Ball bearing-combined products used for light load transfers and guiding.		A cam follower with plastic press fit. Plastic absorbs shock on the mating side to reduce the noise during rotation.		A cam follower with urethane baked. Urethane absorbs shock on the mating side to reduce the noise during rotation.					
Shape		Crowned			Flat			Crowned		Flat		Flat				Flat		R	Flat	R	Flat				
Grease		General		Low Dust Generation		Heavy Load		General		Low Dust Generation		Heavy Load		General		Low Dust Generation		Heavy Load		General		General	General	General	General
Selection Standards	Motion Direction (*)	Linear Motion	○	○	○	◎	◎	◎	○	○	◎	◎	◎	◎	◎	◎	◎	◎	○	◎	○	◎	○	◎	
			Oscillating Motion	◎	◎	◎	△	△	△	◎	◎	△	△	△	△	△	△	△	△	◎	△	◎	△	△	
				Low Speed	◎	◎	◎	◎	○	◎	◎	○	◎	○	◎	○	◎	○	◎	◎	◎	◎	◎	◎	◎
	Performance	Low Dust Generation	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
			High Speed	◎	○	○	◎	○	◎	○	◎	○	◎	○	◎	○	◎	○	◎	×	×	×	△	△	
			Low Load	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
Load (**) (3)	Light Load	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		
		Heavy Load	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	△	△	◎	×	△	△	○	○	○	○		