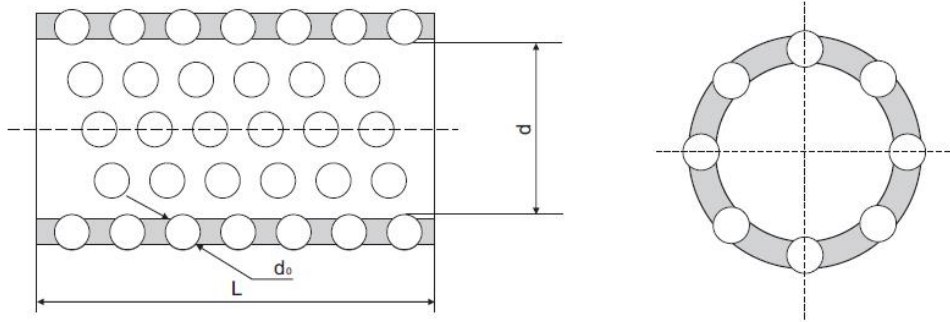


BC Ball Retainer Cage Bearing normally is used for mold die components. It is in brass or aluminum or plastic cage insert with precision steel balls. With rich experience we can produce miniature ball cages and long cage with small diameter. Generally length of retainer can be 5.0mm~100mm, inner diameter of retainer is 1.0mm~80mm. Material of steel ball is Chrome steel ball (AISI52100, 100Cr6, Gcr15) in precision grade G10, size from 2mm to 6mm.

Technical Data

	BCA	BCB	BCP
Cage Material	Aluminum alloy	Brass	POM plastic
Picture			
Max Load Capacity	30N/mm ²		
Max Sliding Speed	6m/s		
Coef Friction	0.01~0.08		
Ball Tolerance	Within 0.002mm or as clients' requests		
Shrink Fit	0.01mm~0.02mm		





Shaft d	Ball d ₀	Post (Bush)	L														
			10	12	15	20	25	30	35	40	45	50	60	70	80	90	95
3	0.8	4.6	•														
5	1.0	7	•	•													
6	1.5	9		•	•												
8	2.0	12			•	•	•										
10	2.0	14			•	•	•	•									
15	2.5	20				•	•	•	•								
18	3.0	24				•	•	•	•								
20	3.0	26				•	•	•	•								
21	3.0	27				•	•	•	•	•							
22	3.0	28				•	•	•	•	•							
23	3.0	29					•	•	•	•	•						
24	3.0	30					•	•	•	•	•						
25	3.0	31					•	•	•	•	•	•					
26	3.0	32					•	•	•	•	•	•					
27	3.0	33					•	•	•	•	•	•					
28	4.0	36						•	•	•	•	•	•				
30	4.0	38								•	•	•	•				
31	4.0	39								•	•	•	•	•			
32	4.0	40									•	•	•	•	•		
34	4.0	42									•	•	•	•	•		
35	4.0	43										•	•	•	•	•	
36	4.0	44											•	•	•	•	
37	5.0	47											•	•	•	•	
38	5.0	48												•	•	•	•
40	5.0	50													•	•	•

Shaft d	Ball d ₀	Post (Bush)	L												
			70	75	80	85	90	95	100	105	110	115	120	125	130
42	5.0	52	•	•	•	•	•	•							
45	5.0	55		•	•	•	•	•							
48	5.0	58		•	•	•	•	•							
50	5.0	60		•	•	•	•	•	•						
52	5.0	62			•	•	•	•	•						
55	5.0	65			•	•	•	•	•						
56	5.0	66				•	•	•	•	•					
58	5.0	68				•	•	•	•	•	•				
60	5.0	70				•	•	•	•	•	•	•			
70	5.0	80				•	•	•	•	•	•	•	•		
75	5.0	85					•	•	•	•	•	•	•	•	
80	5.0	90						•	•	•	•	•	•	•	•

Customized sizes also can be produced

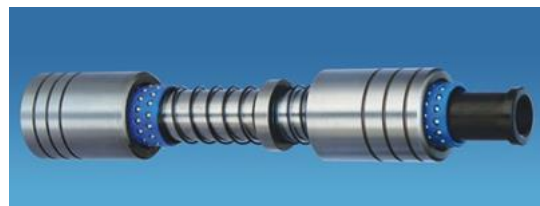
Ordering :

BCA	-	d	x	d0	x	L	=		pcs
BCB	-	d	x	d0	x	L	=		pcs
BCP	-	d	x	d0	x	L	=		pcs

Other components for mold accessories



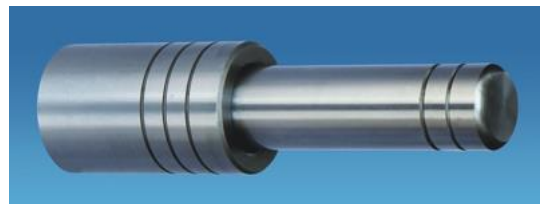
ZRP - Inner Pillar Guide Set



DGP - Inner Pillar Guide Set



TRP - Outer Pillar Guide Set



SGP - Outer Pillar Guide Set