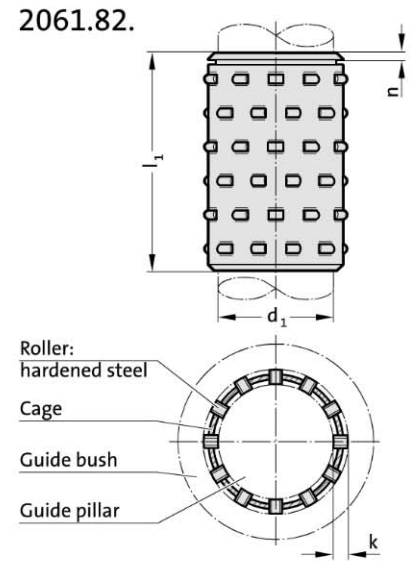


## Roller cage with circlip groove, Brass



### Description:

Roller cages make linear contact with the guide bush and the guide pillar. This results in a load carrying capacity for each individual roller which is many times that of a ball of the same diameter. Roller bearings feature a FIBRO specific seal, similar to the ball bearings. The profile rollers are arranged in a spiral layout axially, so that every roller has its own path. The cages are grooved to accept a DIN 471 circlip.

### Material:

Roller Cage: Brass  
Rollers: Steel hardened, 100 Cr6, DIN 5402

### Note:

Preloading see at the beginning of Chapter D  
For roller cages use only pairing class guide pillar red = .30 and guide sleeve yellow = .10.

### 2061.82. Roller cage with circlip groove, Brass

$d_1$	19	20	24 25	30 32	38 40	48 50	63
$k$	3	3	3	4	4	4	4
$n$	1.6	1.6	1.6	2.1	2.1	2.1	2.1
$l_1$	Total number of rollers						
45	32	32	40	48			
55	40	40	50	60	70		
65	48	48	60	72	84	108	
75	56	56	70	84	98	126	154
85	64	64	80	96	112	144	176
95	72	72	90	108	126	162	198
105	80	80	100	120	140	180	220
115			110	132	154	198	242
125			120	144	168	216	264
135				156	182	234	286
145				168	196	252	308
155				180	210	270	330
165				192	224	288	352
175					238	306	374
185					252	324	396
205					280	360	440

### Ordering Code (example):

Roller cage with circlip groove, Brass	=	2061.82.
Guide diameter $d_1$	38 mm =	038.
Length $l_1$	115 mm =	115
Order No	=	2061.82.038.115