

Straight Bushings



ROB

■ Materials

SP : #500SP(CAC304+Graphite)

■ Tolerance

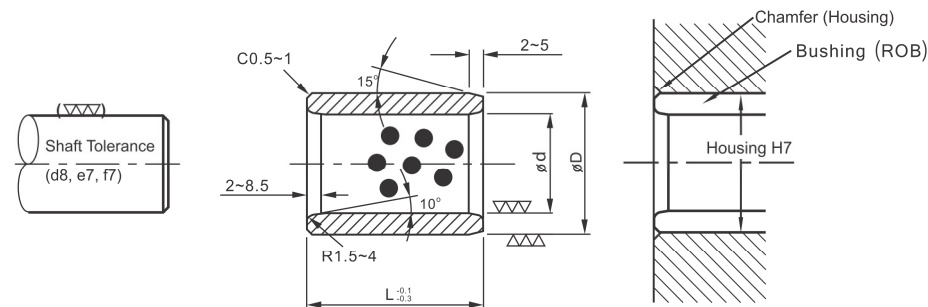
Housing: H7

Mating shaft : d8=For heavy load applications, e7=For light load applications,
f7=For high precision applications

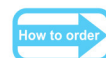
Direction of Motion
(Sliding Motion)

Product Code	Shaft Diameter	Dimension & Tolerance		Length (L $\begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$)											
		I.D ∅ d F7	O.D ∅ D m6	8	10	12	15	16	20	25	30	35			
ROB	8	8 $\begin{smallmatrix} +0.028 \\ +0.013 \end{smallmatrix}$	12 $\begin{smallmatrix} +0.018 \\ +0.007 \end{smallmatrix}$	*081208	*081210	*081212	*081215								
	10	10 $\begin{smallmatrix} +0.034 \\ +0.016 \end{smallmatrix}$	14 $\begin{smallmatrix} +0.021 \\ +0.008 \end{smallmatrix}$	*101408	*101410	*101412	*101415								
	12				*121810	*121812	*121815	121816		121825					
	13				*131910		131915								
	14				*142010	*142012	*142015			*142025	*142030				
	15				*152110	*152112	152115	*152116	152120	152125	*152130				
	16				*162210	*162212		162216	162220	162225	162230	162235			
	18						*182415	*182416	182420	182425	182430				
	20	20 $\begin{smallmatrix} +0.041 \\ +0.020 \end{smallmatrix}$	28	*202815	202820	202825	202830	202835							
	20		30		203016	203020	203025	203030	203035						
	25	25 $\begin{smallmatrix} +0.025 \\ +0.009 \end{smallmatrix}$	33		253320	253325	253330	253335							
	25		35		253516	253520	253525	253530	253535						
	30		38			303820	303825	303830	303835						
	30		40			304020	304025	304030	304035						
	31.5	31.5 $\begin{smallmatrix} +0.050 \\ +0.025 \end{smallmatrix}$	40					31.54030							
	35		44					354430	354435						
	35		45					354530	354535						
	40		50					405030	405035						
	40		55 $\begin{smallmatrix} +0.030 \\ +0.011 \end{smallmatrix}$					405530	405535						
	45		55					455530	455535						
	45		56					455630	455635						
	45		60					456030	456035						
	50		60					506030	506035						
	50		62					506230	506235						
	50		65					506530							
	55	55 $\begin{smallmatrix} +0.060 \\ +0.030 \end{smallmatrix}$	70												
	60		74						607430	607435					
	60		75						607530	607535					
	63		75												
	65		80												
	70		85 $\begin{smallmatrix} +0.035 \\ +0.013 \end{smallmatrix}$												
	70		90												
	75		90												
	75		95												
	80		96												
	80		100												
	90	90 $\begin{smallmatrix} +0.071 \\ +0.036 \end{smallmatrix}$	110												
	100		120 $\begin{smallmatrix} +0.040 \\ +0.015 \end{smallmatrix}$												
	110		130 $\begin{smallmatrix} +0.083 \\ +0.043 \end{smallmatrix}$												
	120		140												
	125		145												
	130		150												
	140		160												
	150		170												
	160		180												

* Available in #500SP only.



Length (L $\begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$)										d	D
40	50	60	70	80	100	120	130	140	150		
										8	12
										10	14
										12	18
										13	19
										14	20
										15	21
										16	22
										18	24
										20	28
										20	30
										25	33
										25	35
										30	38
										30	40
										31.5	40
										35	44
										35	45
										40	50
										40	55
										45	55
										45	56
										45	60
										50	60
										50	62
										50	65
										55	70
										60	74
										60	75
										63	75
										65	80
										70	85
										70	90
										75	90
										75	95
										80	96
										80	100
										90	110
										100	120
										110	130
										120	140
										125	145
										130	150
										140	160
										150	170
										160	180



Product Code - d × D × L

Example) ROB - 20 × 28 × 40