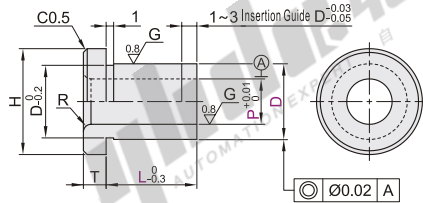


Bushings for Locating Pins

- with Shoulder, L Configurable, Standard
- No Shoulder/with Shoulder(Copper Alloy)

with Shoulder, L Configurable, Standard

Standard		L Size	Material		Hardness	Surface Treatment
Dp6	Dm6		GB	Equiv.		
YLC01	YLC21	Configurable	9CrWMn	SKS3	48~58HRC	—
—	YLC22		9Cr18Mo	SUS440C	48~53HRC	Black Oxide
YLC16	—					



Length of the guiding part

L	Length of the guiding part
5 ~ 14.9	1
15 ~ 29.9	2
30 ~	3

when L<5, no processing on the guiding part.



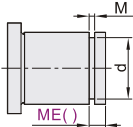
The first perspective

Part Number	D Tol.	0.01 mm Inc.	0.1 mm Inc.	R	H	T
Code	D	p6	m6	P	L	
Dp6 YLC01 YLC16	5	+0.020 +0.012	+0.012 +0.004	2.20~2.50	3.0~5.5	0.8 9 2.5
	7			2.20~3.50	3.0~8.0	
	8	+0.024 +0.015	+0.015 +0.006	3.00~4.50	3.0~12.0	1.0 12 3
	10			4.00~6.50	3.0~17.0	
	12			6.00~8.50		16
	15	+0.029 +0.018	+0.018 +0.007	8.00~10.50		19 4
Dm6 YLC21 YLC22	18			10.00~12.50		22
	20			12.00~13.50	10.0~37.0	2.0 26
	22					5
	25	+0.035 +0.022	+0.021 +0.008	13.00~15.50		30
	26			15.00~16.50		35
	30	+0.042 +0.026	+0.025 +0.009	16.00~20.50	12.0~52.0	3.0 40 6
	35			20.00~25.00		



Optional Processing

Code	Spec.
TD()	Change Shoulder Thickness [Ordering Code] TD4 ① 1 mm Inc. ② Applicable when D≥12.
	When L≤13.0
	When L>13.0
DA	Adds an Adhesive Eservoir Groove [Ordering Code] DA ① When L≤13.0, 2 oil grooves are processed. When L>13.0, 3 oil grooves will be processed. ② When D≤13, D-P≥3. Only applicable to standard types and L>9 and above specifications.
	When L≤13.0
	When L>13.0
RE	Machines Radius R on Both Sides [Ordering Code] RE ① Applicable to Thickness 1.5 mm or more. ② Size of R will be the same as R on shoulder side with D dimension 10 or more.

Code	Spec.
ME ()	Add Snap Ring Groove
	
	Ordering Code ME2.0
	① Only applicable to standard type L10 and above.

D	d	M	ME
8	7 ^{+0.09 0}	0.9 ^{+0.1 0}	1.9~3.0
10	9.6 ^{0 -0.09}		
12	11.5	1.15	2.2~4.0
15	14.3 ^{0 -0.11}		
18	17		2.4~5.0
20	19		
22	21	1.35 ^{+0.14 0}	2.4~5.0
25	23.9 ^{0 -0.21}		
26	24.9		2.7~5.0
30	28.6	1.65	
35	33 ^{0 -0.25}		



Please order as shown

Part Number	D	P	L
Code	D	P	L
YLC01	5	2.2~2.5	3~5.5
YLC01	7	2.2~3.5	3~8.0

YLC01—D7—P3—L5

Optional Processing

Part Number	D	P	L	Optional processing Code
Code	D	P	L	TD(y) ME() RE DA
YLC01	5	2.2~2.5	3~5.5	TD(y) ME() RE DA
YLC01	7	2.2~3.5	3~8.0	RE DA

YLC01—D7—P3—L5—DA



Discount price
Per 1~4 5~
Price 100% Additional quotation



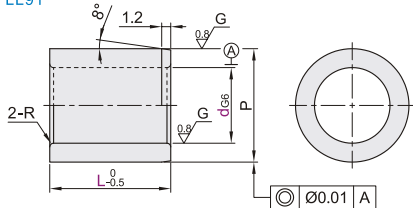
Delivery
7

No Shoulder/with Shoulder(Copper Alloy)

Code	Type	Tol.	Material
YLL91	No Shoulder	Pp6	High-tensile Brass
YLF81	with Shoulder	Pp6	
YLF86		Pm6	

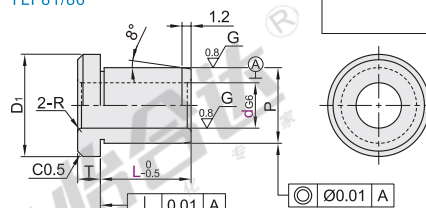
No Shoulder

YLL91



with Shoulder

YLF81/86



The first perspective

Part Number	d66	L	R	P	P Tol.	with Shoulder
Code	d66	L	R	P	p6 m6	D1 T
No Shoulder (Pp6) YLL91	5	5 6 8 10 12 15	0.5	10	+0.024 +0.015	13.5 3
	6	5 6 8 10 12 15 16		12	+0.015 +0.006	15.5
	8	5 6 8 10 12 15 16 20		15	+0.029 +0.018	18.5 4
	10	6 8 10 12 15 16 20 25	1	18	+0.017 +0.007	21.5
	12	8 10 12 15 16 20 25 30		22	+0.035 +0.022	25.5 5
	13	10 12 15 16 20 25 30		25	+0.021 +0.008	29.5
with Shoulder (Pp6) YLF81 (Pm6) YLF86	15	12 15 16 20 25 30	1.5	26	+0.042 +0.026	34.5 6
	16	12 15 16 20 25 30		30	+0.025 +0.009	39.5
	20	12 15 16 20 25 30		35		
	25	16 20 25 30 35				



Please order as shown

Part Number	d	L
Code	d	L
YLF81	6	6 8 10 12
YLF86	12	8 10 12

YLF81—d10—L8



Discount price
Per 1~9 10~
Price 100% Additional quotation



Delivery
7