Type A
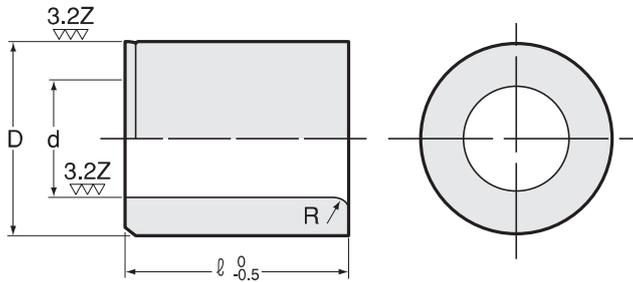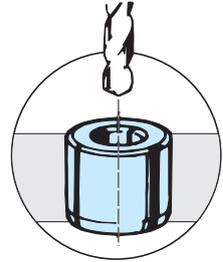
Headless Press Fit Bushing Type A

※ 1.Bushing with I.D. size smaller than 3.0mm uses 30 degreed chamfered radius (R).

Tolerance of I.D.

d	0.8 ～ 1.5	1.6 ～ 3.0	3.1 ～ 6.0	6.1 ～ 10.0	10.1 ～ 18.0	18.1 ～ 30.0	30.1 ～ 50.0	50.1 ～ 55.0
SA（G6）	—	+0.008 +0.002	+0.012 +0.004	+0.014 +0.005	+0.017 +0.006	+0.020 +0.007	+0.025 +0.009	+0.029 +0.010
A	+0.025 +0.002	+0.025 +0.002	+0.030 +0.004	+0.036 +0.005	+0.043 +0.006	+0.052 +0.007	+0.062 +0.009	+0.074 +0.010

Concentric runout (T.I.R.) of O.D.to I.D.

d	0.8 ～ 1.5	1.6 ～ 18.0	18.1 ～ 50.0	50.1 ～ 55.0
SA	—	0.005 or less	0.008 or less	0.010 or less
A	0.012 or less	0.012 or less	0.020 or less	0.025 or less

1.Renewable bushing cannot be used together with headless press fit bushing, which can be used only with headless liner bushing (Type G).
2.Bore a hole in bushing plate at H7 for bushing with O.D. (D) p6.Tolerance of hole bored by reamer with O.D. m5 is H7.

I.D.(d) of hole in bushing plate	0.8 ～ 3.0	3.1 ～ 6.0	6.1 ～ 10.0	10.1 ～ 18.0	18.1 ～ 30.0	30.1 ～ 50.0	50.1 ～ 55.0
Tolerance H7	+0.010 0	+0.012 0	+0.015 0	+0.018 0	+0.021 0	+0.025 0	+0.030 0

Inch to Metric (mm) → Inch × 25.4
Metric (mm) to Inch → Metric ÷ 25.4 or Metric × 0.03937

NT

Specials on request

SA·············· For higher accuracy
A·············· For standard accuracy

d	D (p6)		R	Grade	ℓ										
					6	8	10	12	16	20	25	30	35	45	55
0.8～1.0	3	+0.012 / +0.006	※1	A	○	○									
1.1～1.5	4	+0.020 / +0.012	※1	A	○	○									
1.6～2.0	5	+0.020 / +0.012	※1	SA		○	○	○							
				A		○	○	○							
2.1～3.0	7	+0.024 / +0.015	※1	SA		○	○	○							
				A		○	○	○							
3.1～4.0	8	+0.024 / +0.015	1	SA			○	○	○						
				A			○	○	○						
4.1～6.0	10	+0.024 / +0.015	1	SA			○	○	○						
				A			○	○	○						
6.1～8.0	12	+0.029 / +0.018	2	SA				○	○	○					
				A				○	○	○					
8.1～10.0	15	+0.029 / +0.018	2	SA				○	○	○					
				A				○	○	○					
10.1～12.0	18	+0.029 / +0.018	2	SA					○	○	○				
				A					○	○	○				
12.1～15.0	22	+0.035 / +0.022	2	SA					○	○	○				
				A					○	○	○				
15.1～18.0	26	+0.035 / +0.022	2	SA						○	○	○			
				A						○	○	○			
18.1～22.0	30	+0.035 / +0.022	3	SA						○	○	○			
				A						○	○	○			
22.1～26.0	35	+0.042 / +0.026	3	SA							○	○	○		
				A							○	○	○		
26.1～30.0	42	+0.042 / +0.026	3	SA							○	○	○		
				A							○	○	○		
30.1～35.0	48	+0.042 / +0.026	4	SA								○	○	○	
				A								○	○	○	
35.1～42.0	55	+0.051 / +0.032	4	SA								○	○	○	
				A								○	○	○	
42.1～48.0	62	+0.051 / +0.032	4	SA									○	○	○
				A									○	○	○
48.1～55.0	70	+0.051 / +0.032	4	SA									○	○	○
				A									○	○	○

Ordering Example

SA - 6.0 × 10
　　　 d 　 ℓ

Code

0000 012 060 12
　　　 Code 　d 　ℓ
　　　 A:011
　　　 SA:012