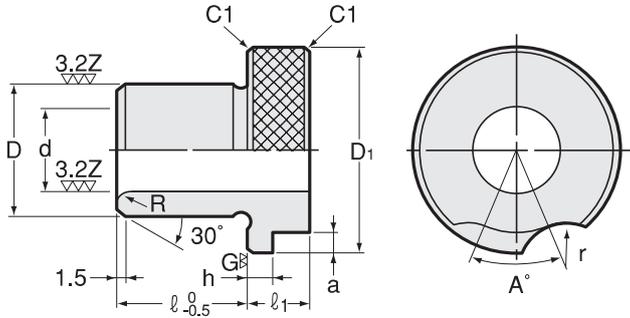


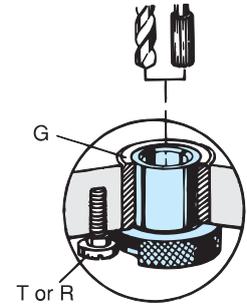
Type E

Left Slip Renewable Bushing Type E



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

Example



Application

Left slip renewable bushing can be frequently used in the following cases.

1. Same products are made in quantity for long period.
2. Hole size differs from one workpiece to another.
3. Drilling requires two or more different drills, or reaming is necessary after being drilled.

Tolerance of I.D.

d	1.6 ~ 3.0	3.1 ~ 6.0	6.1 ~ 10.0	10.1 ~ 18.0	18.1 ~ 30.0	30.1 ~ 42.0
SE (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
E	+0.025 +0.002	+0.030 +0.004	+0.036 +0.005	+0.043 +0.006	+0.052 +0.007	+0.062 +0.009

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

d	1.6 ~ 18.0	18.1 ~ 42.0
SE	0.005 or less	0.008 or less
E	0.012 or less	0.020 or less

1. Left slip renewable bushing must be used in combination with headless liner bushing (Type G).
2. O.D.(D) of left slip renewable bushing must coincide with I.D.(d) of headless liner bushing.
3. Bushing is held in place by a lock screw or a round clamp fitted into a milled recess in the head of bushing.

SE..... For higher accuracy
 E..... For standard accuracy

d	D (m5)	D1	ℓ1	h	a	R	A°	r	Lock screw Round clamp	Grade	ℓ						
											12	16	20	25	30	35	45
1.6 ~ 2.0	8 +0.012 +0.006	16	8	3.5	3	※ 1	60	7	T-5 R-5	SE	○						
										E	○						
2.1 ~ 3.0	8 +0.012 +0.006	16	8	3.5	3	※ 1	60	7	T-5 R-5	SE	○						
										E	○						
3.1 ~ 4.0	8 +0.012 +0.006	16	8	3.5	3	1	60	7	T-5 R-5	SE	○	○					
										E	○	○					
4.1 ~ 6.0	10 +0.012 +0.006	19	8	3.5	3	1	60	7	T-5 R-5	SE	○	○					
										E	○	○					
6.1 ~ 8.0	12 +0.015 +0.007	22	8	3.5	3	2	60	7	T-5 R-5	SE		○	○				
										E		○	○				
8.1 ~ 10.0	15 +0.015 +0.007	26	9	3.5	3	2	60	7	T-5 R-5	SE		○	○				
										E		○	○				
10.1 ~ 12.0	18 +0.015 +0.007	30	9	3.5	3	2	45	7	T-5 R-5	SE			○	○			
										E			○	○			
12.1 ~ 15.0	22 +0.017 +0.008	35	12	5	4	2	45	9	T-6 R-6	SE			○	○			
										E			○	○			
15.1 ~ 18.0	26 +0.017 +0.008	40	12	5	4	2	45	9	T-6 R-6	SE				○	○		
										E				○	○		
18.1 ~ 22.0	30 +0.017 +0.008	47	12	5	4	3	40	9	T-6 R-6	SE				○	○		
										E				○	○		
22.1 ~ 26.0	35 +0.020 +0.009	55	15	6	5	3	40	10	T-8 R-8	SE					○	○	
										E					○	○	
26.1 ~ 30.0	42 +0.020 +0.009	62	15	6	5	3	35	10	T-8 R-8	SE					○	○	
										E					○	○	
30.1 ~ 35.0	48 +0.020 +0.009	69	15	6	5	4	35	10	T-8 R-8	SE						○	○
										E						○	○
35.1 ~ 42.0	55 +0.024 +0.011	77	15	6	5	4	35	10	T-8 R-8	SE						○	○
										E						○	○

Ordering Example

SE - 6.0 × 12
 d ℓ

Code

0000 052 060 12
 Code
 E:051
 SE:052
 d ℓ