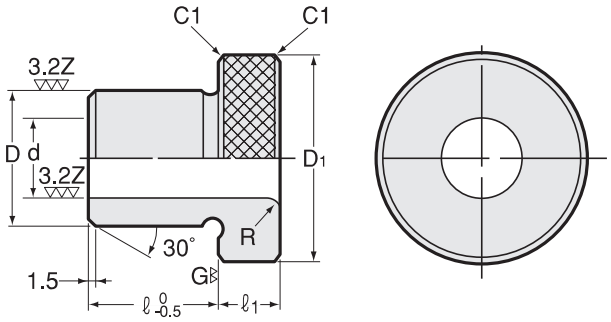
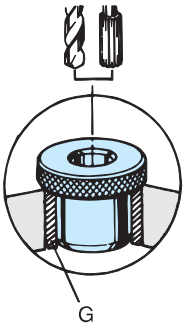
Type C

Round Renewable Bushing Type C



Example



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

Application

Round renewable bushing can be frequently used in following cases.

1.Hole size differs from one workpiece to another.

2.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
SC (**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
C	+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
SC	0.005 or less	0.008 or less
C	0.012 or less	0.020 or less

1.Round renewable bushing can be used in combination with headless liner bushing (Type G).

2.O.D.(D) of round renewable bushing must coincide with I.D.(d) of headless liner bushing.

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

Specials on request

SC····· For higher accuracy
C····· For standard accuracy
CR····· For reaming

d	D (m5)		D1	ℓ1	R	Grade	ℓ						
							12	16	20	25	30	35	45
1.6 ～ 2.0	8	+0.012 +0.006	16	8	※1	SC	○						
						C	○						
2.1 ～ 3.0	8	+0.012 +0.006	16	8	※1	SC	○						
						C	○						
3.1 ～ 4.0	8	+0.012 +0.006	16	8	1	SC	○	○					
						C	○	○					
4.1 ～ 6.0	10	+0.012 +0.006	19	8	1	SC	○	○					
						C	○	○					
6.1 ～ 8.0	12	+0.015 +0.007	22	8	2	SC		○	○				
						C		○	○				
8.1 ～ 10.0	15	+0.015 +0.007	26	9	2	SC		○	○				
						C		○	○				
10.1 ～ 12.0	18	+0.015 +0.007	30	9	2	SC			○	○			
						C			○	○			
12.1 ～ 15.0	22	+0.017 +0.008	35	12	2	SC			○	○			
						C			○	○			
15.1 ～ 18.0	26	+0.017 +0.008	40	12	2	SC				○	○		
						C				○	○		
18.1 ～ 22.0	30	+0.017 +0.008	47	12	3	SC				○	○		
						C				○	○		
22.1 ～ 26.0	35	+0.020 +0.009	55	15	3	SC					○	○	
						C					○	○	
26.1 ～ 30.0	42	+0.020 +0.009	62	15	3	SC					○	○	
						C					○	○	
30.1 ～ 35.0	48	+0.020 +0.009	69	15	4	SC						○	○
						C						○	○
35.1 ～ 42.0	55	+0.024 +0.011	77	15	4	SC						○	○
						C						○	○

Ordering Example

SC - 6.0 × 12
d ℓ

Code

0000 032 060 12
Code (C:031, SC:032) d ℓ

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

Specials on request