

# 3 μm RANGE STRIPPER GUIDE BUSHINGS

## Oil type

**TGBL** (Loctite adhesive type)

RoHS
SUJ2
58HRC~

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
14	TGBL	10	10	13	16	20	22	25	Quotation
18		13	13	16	20	22	25	30	
22		16	16	20	22	25	30	35	
25		20	20	22	25	30	35		

**TGBT** (Loctite adhesive type)

RoHS
SUJ2
58HRC~

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
14	TGBT	10	10	13	16	20	22	25	Quotation
18		13	13	16	20	22	25	30	
22		16	16	20	22	25	30	35	
25		20	20	22	25	30	35		

## Oil-free type

**TGBZ** (Loctite adhesive type)

RoHS
FC250
MoS<sub>2</sub> (embedded)

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGBZ	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		
34		25	20	22	25	30	35		

**TGHZ** (Loctite adhesive type)

RoHS
FC250
MoS<sub>2</sub> (embedded)

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGHZ	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		
34		25	20	22	25	30	35		

## Copper alloy, oil type

**TGSF** (Loctite adhesive type)

RoHS
SUJ2+copper alloy
45HRC

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGSF	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		

**TGBF** (Loctite adhesive type)

RoHS
SUJ2+copper alloy
45HRC

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGBF	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		

## Copper alloy, oil-free type

**TGCZ** (Loctite adhesive type)

RoHS
SUJ2+Copper alloy
MoS<sub>2</sub> (embedded)
45HRC

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGCZ	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		
34		25	20	22	25	30	35		

\* MoS<sub>2</sub> is a special solid lubricant which provides outstanding wear resistance.

**TGFZ** (Loctite adhesive type)

RoHS
SUJ2+Copper alloy
MoS<sub>2</sub> (embedded)
45HRC

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGFZ	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		
34		25	20	22	25	30	35		

\* MoS<sub>2</sub> is a special solid lubricant which provides outstanding wear resistance.

## Sintered alloy (dispersed solid lubricant), oil-free type

**TGBM** (Loctite adhesive type)

RoHS
Special sintered alloy

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGBM	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		

**TGHM** (Loctite adhesive type)

RoHS
Special sintered alloy

D	Catalog No.		L						Base unit price 1~9 pieces
	Type	d	10	13	16	20	22	25	
16	TGHM	10	10	13	16	20	22	25	Quotation
20		13	13	16	20	22	25	30	
24		16	16	20	22	25	30	35	
28		20	20	22	25	30	35		

Order **Catalog No.** - L  
TGBZ 16 - 20

Days to Ship **Quotation**

Alterations **Catalog No.** - L(LC) - (DLC)  
TGFZ 20 - LC28 - DLC  
**Quotation**

Price **Quotation**

Alteration	L dimension change		Addition of grooves for Loctite																		
	Code	LC		DLC																	
Spec.	<p>●TGBL-TGSF TGBM</p> <p>●TGBT-TGBF TGHM</p> <p>●TGBZ-TGCZ</p> <p>●TGHZ-TGFZ</p> <p>LC 1</p> <p>d 0.1mm increments</p> <table border="1"> <tr><td>10</td><td>8.0 ≤ LC &lt; L</td></tr> <tr><td>13</td><td>10.0 ≤ LC &lt; L</td></tr> <tr><td>16</td><td>13.0 ≤ LC &lt; L</td></tr> <tr><td>20</td><td>16.0 ≤ LC &lt; L</td></tr> </table>	10	8.0 ≤ LC < L	13	10.0 ≤ LC < L	16	13.0 ≤ LC < L	20	16.0 ≤ LC < L	<p>LC 2</p> <p>d 0.1mm increments</p> <table border="1"> <tr><td>10</td><td>8.0 ≤ LC &lt; L</td></tr> <tr><td>13</td><td>10.0 ≤ LC &lt; L</td></tr> <tr><td>16</td><td>13.0 ≤ LC &lt; L</td></tr> <tr><td>20</td><td>16.0 ≤ LC &lt; L</td></tr> <tr><td>25</td><td>20.0 ≤ LC &lt; L</td></tr> </table> <p>⊕ Depending on the position of the solid lubricant, R may become larger.</p>	10	8.0 ≤ LC < L	13	10.0 ≤ LC < L	16	13.0 ≤ LC < L	20	16.0 ≤ LC < L	25	20.0 ≤ LC < L	<p>Grooves for Loctite are machined on the outside of the bushing.</p> <p>Straight-headed type</p> <p>* Number of grooves on outside</p> <p>8.0 ≤ L (LC) ≤ 15.9 → 1</p> <p>16.0 ≤ L (LC) ≤ 24.9 → 2</p> <p>25.0 ≤ L (LC) ≤ 35.0 → 3</p> <p>⊕ Use this alteration when the mounting hole is machined using jig grinding or similar means and the bushing is bonded with zero clearance.</p> <p>⊗ Cannot be used for TGBL and TGBT.</p>
10	8.0 ≤ LC < L																				
13	10.0 ≤ LC < L																				
16	13.0 ≤ LC < L																				
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13	10.0 ≤ LC < L																				
16	13.0 ≤ LC < L																				
20	16.0 ≤ LC < L																				
25	20.0 ≤ LC < L																				
1Code	<b>Quotation</b>	<b>Quotation</b>	<b>Quotation</b>																		