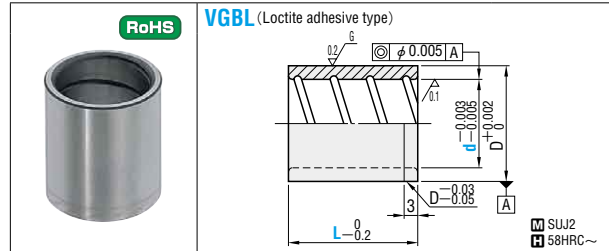


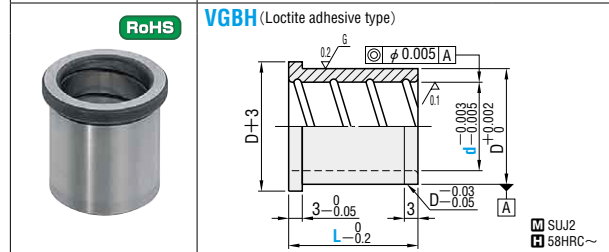
PRECISION STRIPPER GUIDE BUSHINGS

— OIL TYPE · OIL-FREE TYPE —

Oil type

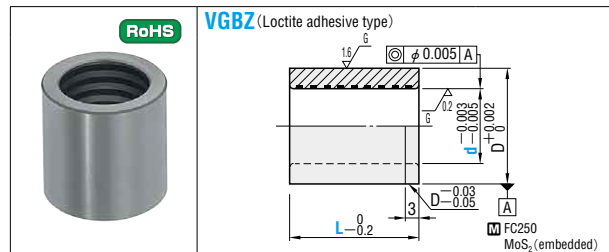


D	Catalog No.		L					Base unit price 1~9 pieces	
	Type	d	8	10	13	16	20		
12	VGBL	8	10	13	16	20	Quotation		
14		10	10	13	16	20		22	25
18		13	13	16	20	22		25	30
22		16	16	20	22	25		30	35
25		20	20	22	25	30		35	
32		25	20	22	25	30		35	

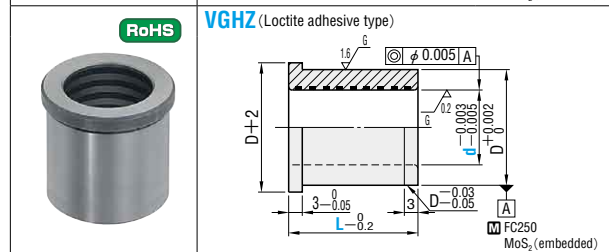


D	Catalog No.		L					Base unit price 1~9 pieces	
	Type	d	8	10	13	16	20		
12	VGBH	8	10	13	16	20	Quotation		
14		10	10	13	16	20		22	25
18		13	13	16	20	22		25	30
22		16	16	20	22	25		30	35
25		20	20	22	25	30		35	
32		25	20	22	25	30		35	

Oil-free type

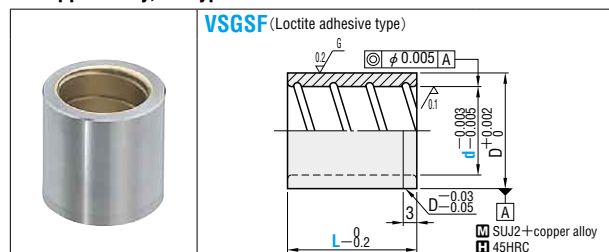


D	Catalog No.		L					Base unit price 1~9 pieces	
	Type	d	8	10	13	16	20		
13	VGBZ	8	10	13	16	20	Quotation		
16		10	10	13	16	20		22	25
20		13	13	16	20	22		25	30
24		16	16	20	22	25		30	35
28		20	20	22	25	30		35	
34		25	20	22	25	30		35	

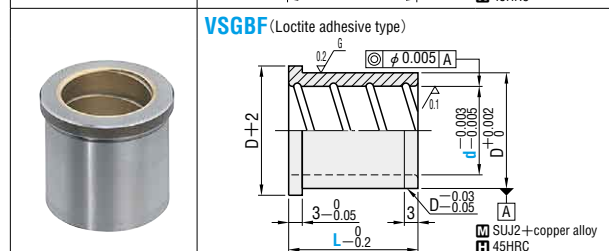


D	Catalog No.		L					Base unit price 1~9 pieces	
	Type	d	8	10	13	16	20		
13	VGHZ	8	10	13	16	20	Quotation		
16		10	10	13	16	20		22	25
20		13	13	16	20	22		25	30
24		16	16	20	22	25		30	35
28		20	20	22	25	30		35	
34		25	20	22	25	30		35	

Copper alloy, oil type

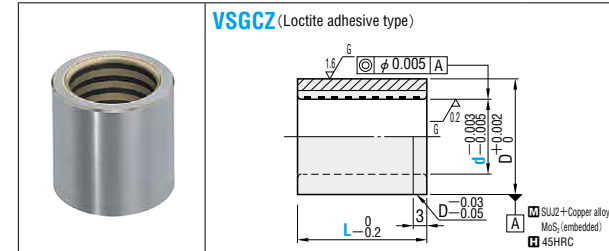


D	Catalog No.		L					Base unit price 1~9 pieces
	Type	d	10	13	16	20		
16	VSGSF	10	10	13	16	20	Quotation	
20		13	13	16	20	25		
24		16	16	20	25	30		
28		20	20	25	30			

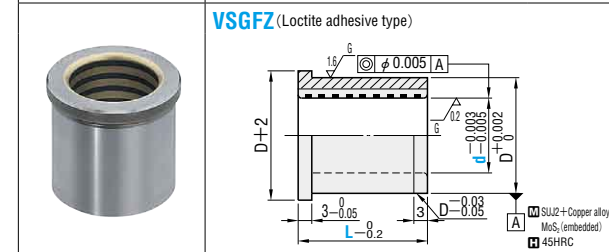


D	Catalog No.		L					Base unit price 1~9 pieces
	Type	d	10	13	16	20		
16	VSGBF	10	10	13	16	20	Quotation	
20		13	13	16	20	25		
24		16	16	20	25	30		
28		20	20	25	30			

Copper alloy, oil-free type

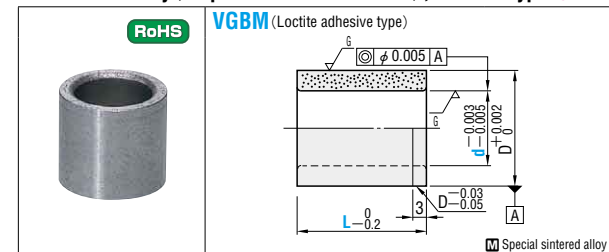


D	Catalog No.		L					Base unit price 1~9 pieces
	Type	d	10	13	16	20		
16	VSGCZ	10	10	13	16	20	Quotation	
20		13	13	16	20	25		
24		16	16	20	25	30		
28		20	20	25	30			
34		25	25	30				

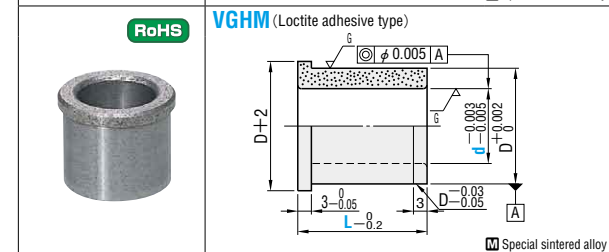


D	Catalog No.		L					Base unit price 1~9 pieces
	Type	d	10	13	16	20		
16	VSGFZ	10	10	13	16	20	Quotation	
20		13	13	16	20	25		
24		16	16	20	25	30		
28		20	20	25	30			
34		25	25	30				

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



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



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

Order **Catalog No.** — **L**
VGBH 10 — 16

Days to Ship **Quotation**

Alterations **Catalog No.** — **L (LC)** — **(DRC)**
VGBH 10 — LC12.5

Price **Quotation**

- Sliding part (inner surface) structure of oil type
To prevent scuffing, a spiral oil groove is created in the sliding part and which penetrates the surface.
Pitch=6mm, Width=1.5mm, Depth=0.5mm
- Fixing method Loctite adhesive
Loctite No.638 **P.846**
- Pin and bushing clearance (one side) 2.5~4.5 μm
- Use oil-free types (except for sintered alloy types) with a stroke of 1mm or more.

Alteration	L dimension change		Addition of grooves for Loctite																															
	Code	LC	DRC																															
Spec.	L dimension change ● VGBH - VGHM ● VGBL - VGBM	<table border="1"> <thead> <tr> <th rowspan="2">d</th> <th colspan="2">LC</th> </tr> <tr> <th>VGBL-VGBH</th> <th>VGBM-VGHM</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>8.0~19.9</td> <td>—</td> </tr> <tr> <td>10</td> <td>8.0~24.9</td> <td>8.0~19.9</td> </tr> <tr> <td>13</td> <td>10.0~29.9</td> <td>10.0~24.9</td> </tr> <tr> <td>16</td> <td>13.0~34.9</td> <td>13.0~29.9</td> </tr> <tr> <td>20</td> <td>16.0~34.9</td> <td>16.0~29.9</td> </tr> <tr> <td>25</td> <td>20.0~34.9</td> <td>—</td> </tr> </tbody> </table>	d	LC		VGBL-VGBH	VGBM-VGHM	8	8.0~19.9	—	10	8.0~24.9	8.0~19.9	13	10.0~29.9	10.0~24.9	16	13.0~34.9	13.0~29.9	20	16.0~34.9	16.0~29.9	25	20.0~34.9	—	<table border="1"> <thead> <tr> <th rowspan="2">Headed type</th> <th colspan="2">Straight type</th> </tr> <tr> <th>Headed type</th> <th>Straight type</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> Addition of grooves for Loctite ● Headed: $\ell = \frac{L}{2} - 2$ ● Straight: $\ell = \frac{L}{2}$ ⊗ L=10 cannot be selected for VGBH-VGBL-VGHZ-VGBZ. ⊗ Cannot be combined with LC. </td> </tr> </tbody> </table>	Headed type	Straight type		Headed type	Straight type			Addition of grooves for Loctite ● Headed: $\ell = \frac{L}{2} - 2$ ● Straight: $\ell = \frac{L}{2}$ ⊗ L=10 cannot be selected for VGBH-VGBL-VGHZ-VGBZ. ⊗ Cannot be combined with LC.
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