

PRECISION STRIPPER GUIDE BUSHINGS

— OIL TYPE · OIL-FREE TYPE —

Rs The volume discount rate is also applicable to alteration costs. **P.39**

Oil type

RoHS **VGBL** (Loctite adhesive type)

Material: SUJ2, 58HRC~

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
12	VGBL	8	10 13 16 20	2,098
14		10	10 13 16 20 22 25	2,155
18		13	13 16 20 22 25 30	2,268
22		16	16 20 22 25 30 35	2,438
25		20	20 22 25 30 35	2,734
32		25	20 22 25 30 35	3,257

RoHS **VGBH** (Loctite adhesive type)

Material: SUJ2, 58HRC~

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
12	VGBH	8	10 13 16 20	2,205
14		10	10 13 16 20 22 25	2,262
18		13	13 16 20 22 25 30	2,388
22		16	16 20 22 25 30 35	2,570
25		20	20 22 25 30 35	2,873
32		25	20 22 25 30 35	3,427

Oil-free type

RoHS **VGBZ** (Loctite adhesive type)

Material: FC250, MoS₂ (embedded)

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
13	VGBZ	8	10 13 16 20	2,501
16		10	10 13 16 20 22 25	2,558
20		13	13 16 20 22 25 30	2,734
24		16	16 20 22 25 30 35	3,024
28		20	20 22 25 30 35	3,371
34		25	20 22 25 30 35	3,950

RoHS **VGHZ** (Loctite adhesive type)

Material: FC250, MoS₂ (embedded)

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
13	VGHZ	8	10 13 16 20	2,633
16		10	10 13 16 20 22 25	2,690
20		13	13 16 20 22 25 30	2,873
24		16	16 20 22 25 30 35	3,182
28		20	20 22 25 30 35	3,547
34		25	20 22 25 30 35	4,164

Copper alloy, oil type

VSGSF (Loctite adhesive type)

Material: SUJ2 + copper alloy, 45HRC

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
16	VSGSF	10	10 13 16 20	2,633
20		13	13 16 20 25	2,892
24		16	16 20 25 30	3,119
28		20	20 25 30	3,471

VSGBF (Loctite adhesive type)

Material: SUJ2 + copper alloy, 45HRC

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
16	VSGBF	10	10 13 16 20	2,696
20		13	13 16 20 25	3,011
24		16	16 20 25 30	3,251
28		20	20 25 30	3,610

Copper alloy, oil-free type

VSGCZ (Loctite adhesive type)

Material: SUJ2 + Copper alloy, MoS₂ (embedded), 45HRC

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
16	VSGCZ	10	10 13 16 20	2,885
20		13	13 16 20 25	3,119
24		16	16 20 25 30	3,402
28		20	20 25 30	3,812
34		25	25 30	4,360

VSGFZ (Loctite adhesive type)

Material: SUJ2 + Copper alloy, MoS₂ (embedded), 45HRC

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
16	VSGFZ	10	10 13 16 20	2,999
20		13	13 16 20 25	3,238
24		16	16 20 25 30	3,534
28		20	20 25 30	3,950
34		25	25 30	4,473

Sintered alloy (dispersed solid lubricant), oil-free type **Guide** P.794

RoHS **VGBM** (Loctite adhesive type)

Material: Special sintered alloy

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
16	VGBM	10	10 13 16 20	3,207
20		13	13 16 20 25	3,465
24		16	16 20 25 30	3,780
28		20	20 25 30	4,423

RoHS **VGHM** (Loctite adhesive type)

Material: Special sintered alloy

D	Catalog No.		L	Base unit price 1~9 pieces
	Type	d		
16	VGHM	10	10 13 16 20	3,333
20		13	13 16 20 25	3,597
24		16	16 20 25 30	3,925
28		20	20 25 30	4,580

Order Catalog No. — L
VGBH 10 — 16

Dispatch **9** Days

Alterations Catalog No. — L (LC) — (DRC)
VGBH 10 — LC12.5 **9** Days

Volume discount price **P.37**

Quantity	1~9	10~19	20~49	50~100	For larger orders, ask about prices/delivery.
Discount rate	Base unit price	5%	10%	15%	

- 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.758**
- 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>d</th> <th colspan="2">LC</th> </tr> <tr> <td></td> <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>● Headed type</th> <th>● Straight type</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		● Headed type	● Straight type		
			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	—																														
● Headed type	● Straight type																															
Rs./Code	945	378																														