

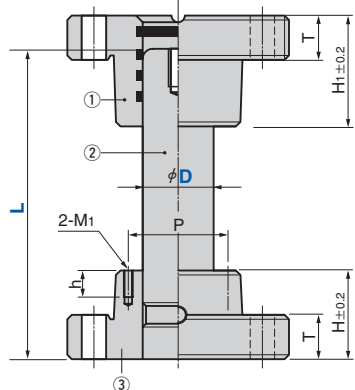
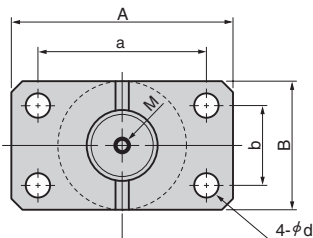
# Guide Post Set

## Oiless Type

### Die Guide Components

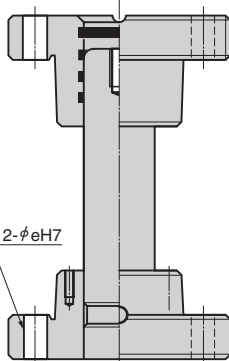
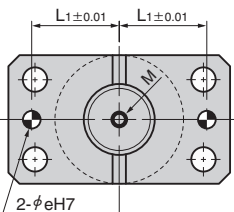
**SGR**  
**SGRL** (Type for Dimension L)

**CAD FILE**



**SGRN** (With dowel hole)  
**SGRNL**  
(With dowel hole ·Type for Dimension L)

**CAD FILE**



No.	Description	Qty	Catalog No.
1	Guide Bushing	1	<b>SGRB, SGRBN</b>
2	Guide Post	1	<b>NGP</b>
3	Guide Holder	1	<b>GPH, GPHN</b>
Accessories	Hexagon Socket Head Bolt	8	—
	Dowel with Female Thread	4	—

● Accessories

D	Bolt	Dowel
25	M8x35	φ 8x30
32	M10x40	φ 8x30
38	M10x45	φ 10x40
50	M12x50	φ 10x40
60	M16x60	φ 13x50
80	M20x75	φ 16x60

D	Tolerance	A	a	B	b	T	H	P	M <sub>1</sub>	h	H <sub>1</sub>	d	M	L <sub>1</sub>	e	H7
25	$\pm 0.024$ $+0.015$	84	66	48	30	20	30	—	—	—	45	9	—	33	8	$+0.015$ 0
32		100	76	58	36		40	—	—	—	50	11	—	38		
38	$+0.028$ $+0.017$	130	100	75	44	25	50	60	M5	15	60	—	50	10		
50		155	125	90	60		65	72	M6		85	14	62.5			
60	$+0.033$ $+0.020$	190	150	120	80	30	75	92	M8	20	100	18	M12	75	13	$+0.018$ 0
80		230	180	150	110	35	100	116			130	22		95	16	

Catalog No.	D	L																	
	25	80	90	100	110	120	130	140	150	160	170	180	200						
	32	90 100 110 120 130 140 150 160 170 180 200 220 250																	
<b>SGR</b>	38	100 110 120 130 140 150 160 170 180 200 220 250 280 300																	
<b>SGRNL</b>	50	160 170 180 200 220 250 280 300 350																	
	60	180 200 220 250 280 300 350 400																	
	80	250 280 300 350 400 450																	

Catalog No.	D	L 1 mm increments
	25	70~200
	32	80~250
<b>SGRL</b>	38	80~300
<b>SGRNL</b>	50	120~350
	60	140~400
	80	200~450



Order

Catalog No.	D	L	Option
<b>SGRN</b>	32	170	
<b>SGRL</b>	60	320	
<b>SGRN</b>	32	170	- C - M - W - HK - HBK - RHB



Option

Option Code	Specification
<b>C</b>	Dowel hole for location is drilled at the center of the guide post.
<b>M</b>	Tapped hole for the height block is drilled on the guide holder. (D = 25, 32 only)
<b>W</b>	Tapped hole for the height block is drilled on the guide bushing.
<b>BM</b>	Tapped hole for lifting bolt is drilled on the guide bushing. (D = 25~50 only)
<b>HM</b>	Tapped hole for jack screw is drilled on the guide bushing. (D = 25~50 only)
<b>RB</b>	Guide bushing is changed to the inverted mounting type.
<b>RH</b>	Guide holder is changed to the inverted mounting type.
<b>HK</b>	Guide holder height is machined to the tolerance of ± 0.1.
<b>BK</b>	Guide bushing height is machined to the tolerance of ± 0.1.
<b>HBK</b>	Both guide holder and bushing heights are machined to the tolerance of ± 0.1.
<b>RHB</b>	Both guide bushing and holder are changed to the inverted mounting type.

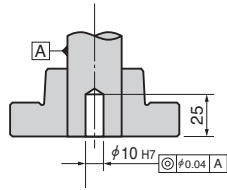
Refer to page 69~70 for option details.

# Option

## Die Guide Components

### ■Drilling of Center Dowel Hole

—C

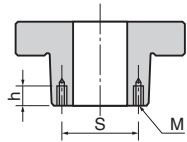


—C

Dowel hole for location is drilled at the center of the guide post.

### ■Drilling of Height Block Mounting Tapped Hole

—W



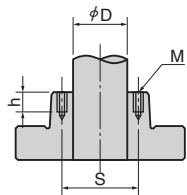
—W

Tapped hole for height block mounting is drilled on the guide bushing.

—M (φ 25, φ 32)

Tapped hole for height block mounting is drilled on the guide holder.

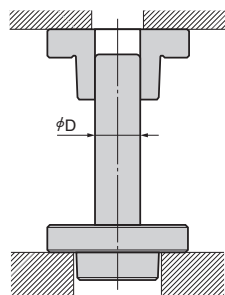
—M



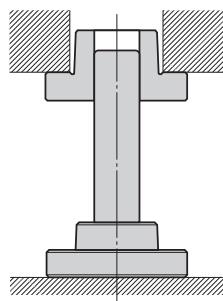
D	M	h	S
25	4	12	37
32			45
38	5	15	60
50	6		72
60		20	92
80	8		116

### ■Machining of Reverse Holder and Bushing Type

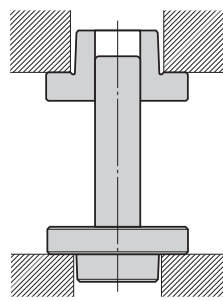
—RH



—RB



—RHB



—RH

The flange surface of the guide holder is machined flat for inverted mounting type.

—RB

The flange surface of the guide bushing is machined flat for inverted mounting type.

—RHB

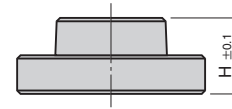
Both the guide holder and the guide bushing are inverted mounting type.

● Dimension that can reduce die height

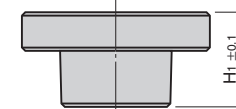
D	RH	RB
25	10	25
32	20	30
38	25	35
50	40	60
60	45	70
80	65	95

### ■Precision Machining of Holder and Bushing Height

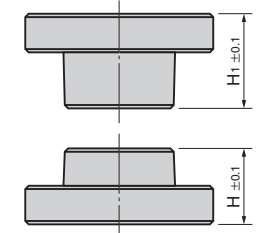
—HK



—BK



—HBK



—HK

The guide holder height is precision machined to  $\pm 0.1$

—BK

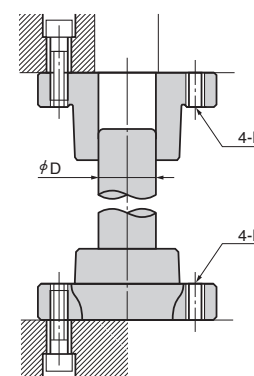
The guide bushing height is precision machined to  $\pm 0.1$

—HBK

Both the guide holder and the guide bushing height are precision machined to  $\pm 0.1$

### ■Drilling of Mounting Bolt Tapped Hole (φ 25, φ 32, φ 38, φ 50)

—BM



—BM

Tapped hole for lifting bolt is drilled on the guide bushing.

—HM

Tapped hole for pulling bolt is drilled on the guide holder.

D	M
25	8
32-38	10
50	12