

SPACER LAYER PLATES



SHIM TAPE

RoHS

LHP
(No-hole type)

LHP-H
(No-hole type)

T	Tolerance	M	H
0.05	±0.005	SK2	51 ~ 54HRC
0.1	±0.01	SK4	48 ~ 52HRC
0.2	±0.015	SK5	
0.3	±0.025		
0.4	±0.03		
0.5	±0.04		
0.6	±0.04	SK5	47 ~ 51HRC
0.7	±0.05		
0.8	±0.05		
0.9	±0.05	SK5	43 ~ 47HRC
1.0	±0.06		
1.6	±0.06		

Ⓜ The surface is hardened (blue).

Ⓜ When inserting bolts into the 6-φ5 holes, use M4 bolts.

Catalog No.		Base unit price	
Type	T (thickness)	LHP	LHP-H
LHP (No-hole type) LHP-H (Hole type)	0.05		
	0.1		
	0.2		
	0.3		
	0.4		
	0.5		
	0.6		
	0.7		
	0.8		
0.9			
1.0			
1.6			

Order **Catalog No.**
LHP 0.7
LHP-H1.0

Days to Ship **Quotation**

RoHS

LHP-SET
(Layer plate set type)

Ⓜ The surface of the layer plates is hardened (blue).

Set components

- Layer plates
The selected type of LHP-H are layered in order of increasing thickness beginning from the top.
- Base plate
M SPCC
Includes M4 tap holes for fastening the layer plates.
- Installation bolts
Low head bolt (CBS4)×6

Ⓜ The bolt full length is cut so that it does not protrude below the lower surface of the base plate.

(H)	Catalog No.	① Combinations of layer plate thickness T											Base unit price 1 ~ 9 sets		
		0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0		1.6	
4.4	LHP-SET5	○	○	○	○	○	○	○	○	○	○	○	○	○	
8.4	LHP-SET10	○	○	○	○	○	○	○	○	○	○	○	○	○	Quotation
10.1	LHP-SET12	○	○	○	○	○	○	○	○	○	○	○	○	○	

Order **Catalog No.**
LHP-SET10

Days to Ship **Quotation**

P Price **Quotation**

Alterations Catalog No. (PPA ~ PPG)
LHP-SET5 - PPA-PPF

Alteration	Code	T (thickness)	Spec.	1Code
	PPA	0.05	The selected LHP-H is added as an additional layer. Ⓜ LHP-SET5: PPA ~ PPG can be selected. LHP-SET10: Only PPA and PPG can be selected. Ⓜ LHP-SET12: Cannot be used. Ⓜ Multiple plates can be selected, however 2 or more of the same plate cannot be added.	Quotation
	PPB	0.6		
	PPC	0.7		
	PPD	0.8		
	PPE	0.9		
	PPF	1.0		
	PPG	1.6		

ex Example

Because the plates are layered, it is possible to create spacers of different thicknesses but the same shape by using wire cutting. This eliminates the need to produce a new spacer when a die or other item is reground.

RoHS

— Standard type Length 1m —
FGSM (Width=12.7mm)
FGSMW (Width=45.0mm)
FGSMY (Width=45.0mm)

— Long type Length 5m —
FGSML (Width=12.7mm)

Type	W
FGSM・FGSML	12.7
FGSMW・FGSMY	45.0

Ⓜ T=0.005 ~ 0.02 SUS304H
T=0.03 ~ 0.5 SK material
Ⓜ T=0.05 ~ 0.02 370 ~ 420HV
T=0.03 ~ 0.5 45 ~ 52HRC

Standard type (length 1m)

Length	Catalog No.		Tolerance	Base unit price 1 ~ 5 pieces		
	Type	T (thickness)		FGSM	FGSMW	FGSMY
1m	FGSM (W=12.7mm)	0.005	±0.0005			
		0.01	±0.003			
		0.015				
		0.02				
		0.03				
		0.04				
		0.05				
		0.06	±0.005			
		0.07				
		0.08				
	0.09					
	0.10					
	0.15					
	0.20					
	0.25	±0.015				
	0.30					
	0.35					
	0.40					
	0.50					

Order **Catalog No.**
FGSM 0.01
FGSML 0.1

Days to Ship **Quotation**

Price **Quotation**

Long type (length 5m)

Length	Catalog No.		Tolerance	Base unit price 1 ~ 5 pieces
	Type	T (thickness)		
5m	FGSML (W=12.7mm)	0.005	±0.0005	
		0.01	±0.003	
		0.015		
		0.02		
		0.03		
		0.04		
		0.05	±0.005	
		0.06		
		0.07		
		0.08		
		0.09		
0.1				
0.15	±0.015			
0.2				

Ⓜ The long type provides savings in the amount of 1m.

Order **Catalog No.**
LHP-SET10

Days to Ship **Quotation**

Price **Quotation**