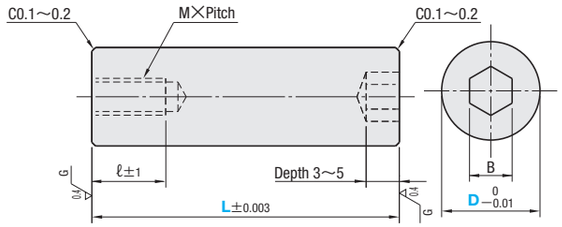
SUPPORT PILLARS
—FULLY QUENCHED TYPE—

STEPPED SUPPORT PILLARS

Non JIS material definition is listed on P.1351 - 1352

RoHS

HSP (L dimension selection type)
HSPL (L dimension designation type)



We will also simultaneously grind from 1 order.

D	Possible number of simultaneous grinding
6～12	100
14・16	70
18・20	50

With order number more than stated on the left, simultaneous grinding will be done in half.
ex) HSP8 When order is for 130 pieces, 65 pieces each will be simultaneously ground.

M SKD11(High temperature return)
H 56～58HRC
(Sub-zero treated)

■L Dimension Selection Type

M × Pitch	ℓ	B	Part Number Type	Part Number D	L	U/Price 1～19
M3 × 0.5	5	3	HSP	6	30	Quotation
				7.5		
M4 × 0.7	6	4		8		
				10		
		6		12		
				14		
		10		16		
				20		

■L Dimension Designation Type

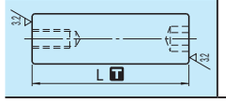
M × Pitch	ℓ	B	Part Number Type	Part Number D	L 0.01mm increments	U/Price 1～19
M3 × 0.5	5	3	HSPL	6	20.00～40.00	Quotation
				7.5		
M4 × 0.7	6	4		8		
				10		
		6		12		
				14		
		10		16		
				20		

Order — Part Number — L
HSP7
HSPL8 — 30.01

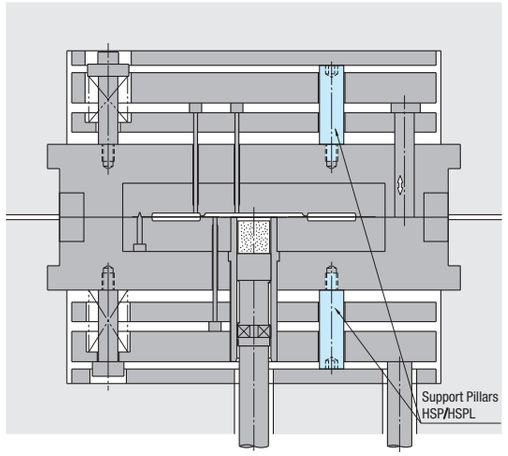
Days to Ship: Quotation

Price: Quotation

Alterations — Part Number — L — (NLK)
HSPL8 — 30.01 — NLK

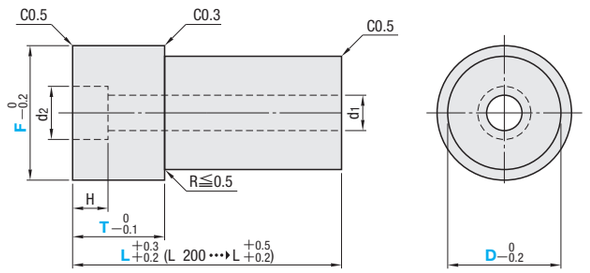
Alteration	Code	Spec.	1Code
	NLK	No grinding on L dimension ±0.003 ⋯ L +0.3 +0.1	Quotation

Example



RoHS

SPLF



Black oxide on surface of the right tip (opposite side of the counterbore) may be removed depending on the designated length.

M S45C
S Black Oxide

Applicable bolt size (M)	Bolt hole H	d2	d1	Part Number Type	D	L 0.1mm increments	F	T 0.1mm increments	U/Price 1～9
M 6	9	11	7	SPLF	20	45.0～ 90.0	25	10.0～45.0 L>T	Quotation
						90.1～150.0	30		
					25	45.0～ 90.0	30		
						90.1～150.0	35		
M 8	11	14	9		30	50.0～100.0	35		
						100.1～150.0	40		
						150.1～200.0			
M10	14.5	18	11		35	50.0～100.0	40		
						100.1～150.0			
						150.1～200.0			
						200.1～250.0			
						50.0～100.0	50		
						100.1～150.0			
						150.1～200.0			
						200.1～250.0			

Applicable bolt size (M)	Bolt hole H	d2	d1	Part Number Type	D	L 0.1mm increments	F	T 0.1mm increments	U/Price 1～9
M12	16.5	20	14	SPLF	40	50.0～100.0	45	10.0～45.0 L>T	Quotation
						100.1～150.0			
						150.1～200.0			
						200.1～250.0			
						50.0～100.0	55		
						100.1～150.0			
						150.1～200.0			
						200.1～250.0			
M16	22	25	18		50	50.0～100.0	55		
						100.1～150.0			
						150.1～200.0			
						200.1～250.0			
						250.1～300.0			
						50.0～100.0	65		
						100.1～150.0			
						150.1～200.0			
						200.1～250.0			

Order — Part Number — L — F — T
SPLF20 — 92.5 — F30 — T22.5

Days to Ship: Quotation

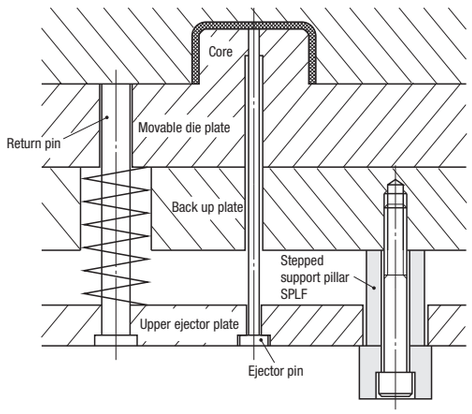
Price: Quotation

Alterations — Part Number — L — F — T — (LKC・TKC)
SPLF20 — 90 — F25 — T30 — LKC
Quotation

Alterations	Code	Spec.	1Code
	LKC	Changes L dimension tolerance. Makes L designation in 0.01mm increments possible. L +0.3 +0.2 → L≦200 ⋯ L +0.02 0 L>200 ⋯ L +0.03 0	Quotation
	TKC	Changes T dimension tolerance. Makes T designation in 0.01mm increments possible. T 0 −0.1 ⋯ T 0 −0.05	

All pieces are ground together when 8 pieces or less are ordered for LKC.
(Although the tolerance of L dimension is as indicated, its dispersion is kept within a 0.01 range.)
Alteration LKC inevitably deletes surface treatment on both ends of the product.
Alteration TKC inevitably deletes surface treatment on the left end of the product.

Example



When assembling molds, the support pillar's stepped part holds down the upper ejector plate and keeps it in parallel, a ejector pin can be inserted easily.
(Enables smooth installation without requiring the plate held down by hands or a return pin suspended from above.)