



ECONOMY PACK

DOWEL PINS / SPRING PLUGS FOR DOWEL PINS

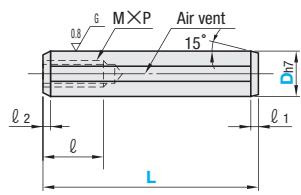


SGP Stock

Printed in Red

The quantity discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

■ Dowel pins h7 type with tapping **RoHS**
100PACK—MSTH (100 Pieces)
200PACK—MSTH (200 Pieces)



Ⓢ If L is 10 with a D5 and 6, the pilot hole may go through.

■ SUJ2
 ■ 45~50HRC

l ₁	l ₂	M×P	l	D _{h7}	Catalog No.		L	
					PACK	Type	D	
1.5	0.3	3×0.5	6	-0.012	100PACK (100 Pieces)	MSTH	5	10 15
2.0	0.3	4×0.7	8				6	10 20 25 30
2.0	0.5	5×0.8	8	-0.015	200PACK (200 Pieces)	MSTH	8	20 30 40
2.5	0.5	6×1.0	10				10	30 40



Order

Catalog No. _____ L _____
 PACK _____ Type _____ D _____

(When 100 Pieces) **100 PACK—MSTH 6 — 20**
 (When 200 Pieces) **200 PACK—MSTH 6 — 20**



Delivery

7 Days

Ⓢ Pack products are shipped on the 7th from receipt of order. Please order the conventional products (MSTH) for your immediate need. **P.82**



Price

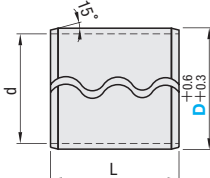
Catalog No. Type	D-L	U/Price	
		100 PACK	(100 Pieces)
100 PACK—MSTH (100 Pieces)	5-10	Quotation	
	5-15		
	6-10		
	6-15		
	6-20		
	6-25		
	6-30		
	8-20		
	8-30		
	8-40		
	10-30		
	10-40		

Catalog No. Type	D-L	U/Price	
		200 PACK	(200 Pieces)
200 PACK—MSTH (200 Pieces)	5-10	Quotation	
	5-15		
	6-10		
	6-15		
	6-20		
	6-25		
	6-30		
	8-20		
	8-30		
	8-40		
	10-30		
	10-40		

■ Spring plugs for dowel pins **RoHS**



SWA
 (For plates like FC250, SS400, etc.)

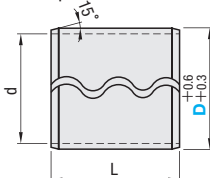


Ⓢ Tolerance of D6 $\begin{matrix} +0.5 \\ +0.3 \end{matrix}$ ■ SAE1065

■ Spring plugs for dowel pins **RoHS**



SWAL
 (For hardened plates)



Ⓢ Tolerance of D6 $\begin{matrix} +0.5 \\ +0.3 \end{matrix}$ ■ SUS304—CSP—H
 Ⓢ No spec. available for D20

SWA		SWAL		L	Catalog No.		U/Price Q'ty:1~49	
※Pullout strength N(kgf)	d	※Pullout strength N(kgf)	d		Type	D (Dowel pins)	SWA	SWAL
392 {40}	4.4	245 {25}	4.8	SWA SWAL*	6	Quotation		
1373 {140}	5.6	785 {80}	6.4		8			
2354 {240}	6.4	1275 {130}	7.5		10*			
1765 {180}	8.0	981 {100}	9.2		12*			
1716 {175}	9.0	981 {100}	10.2		13			
1422 {145}	11.0	785 {80}	12.5		16			
1471 {150}	15.0	—	—	20				

※Pullout strength is the average value of repeating ten times pullout from the H7 hole. The pullout strength will vary depending on the dimension D tolerance of spring plugs, surface roughness of press fit holes, tolerances, etc.



Order

Catalog No. **SWA 12**



Delivery

SGP Stock

3 Days

Ⓢ For area out of Singapore please refer to P.i.

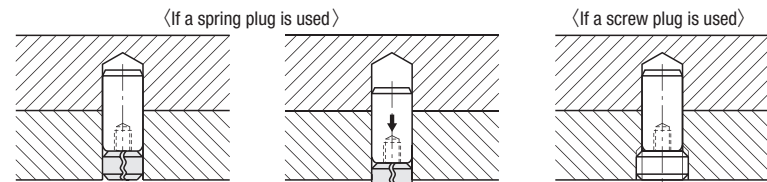
■ Quantity discount rate

Quantity	1~49	50~199	200~499	500~1000
Rate	—	5%	10%	15%

SWAL with * are Stock Product.



Example



Compared to when a screw plug is used
 • No tapping necessary.
 • Dowel pins can be directly removed.

↓
 KNHN
 Removing jig for dowel pin

Stocks Availability Subjected to Prior Sales.

STEPPED DOWEL PINS / DOWEL PIN EXTRACTOR



SGP Stock

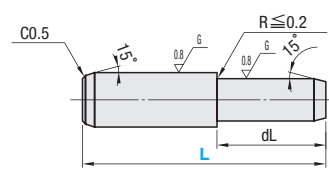
Printed in Red

The quantity discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

■ Stepped dowel pins **RoHS**

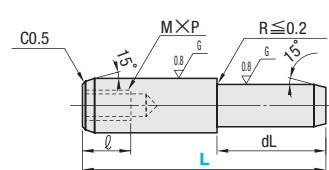


MSFW



■ SUJ2
 ■ 58HRC ~

MSFWM
 (Tapped)

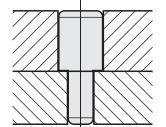


■ SUJ2
 ■ 58HRC ~

MSFWM only M×P	l	d	dL	Catalog No.		L	U/Price Q'ty:1~49	
				Type	D		MSFW	MSFWM
—	—	4	5	5	15	15	Quotation	
			10					
3×0.5	6	5	10	6	20	20	Quotation	
			15					
4×0.7	8	6	10	8	25	25	Quotation	
			15					
5×0.8	8	8	15	10	40	40	Quotation	
			20					
6×1.0	10	10	25	13	55	55	Quotation	
			30					



Example



Useful for drop-prevention and correction.



Order

Catalog No. — L _____

MSFW 10 — 35

• Printed in Red • Printed in Blue



Delivery

SGP Stock **3** Days

Ⓢ For area out of Singapore please refer to P.i.

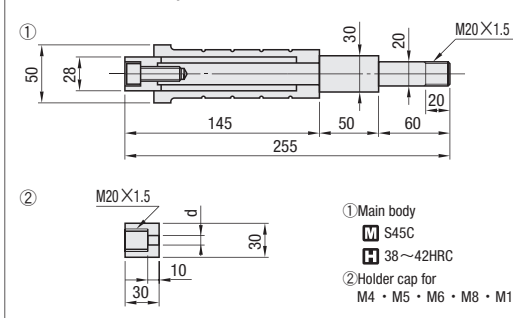
■ Quantity discount rate

Quantity	1~49	50~99	100~299	300~500
Rate	—	5%	10%	15%

■ Dowel pin extractor **RoHS**



KNHN (①Main body 1pc. +②Holder caps 1pc.)
KNHN—B (①only)
KNHN—M (②only)



Catalog No.	U/Price
KNHN (①+②)	Q'ty: 1~98Sets 10~20
Quotation	

Catalog No.	U/Price
KNHN—B (① only)	Q'ty: 1~9 10~20
Quotation	

d	Catalog No.		U/Price	
	Type	No.	Q'ty: 1~9	10~20
4.2	KNHN—M (② only)	4	Quotation	
5.2		5		
6.3		6		
8.5		8		
10.5		10		



Order

Catalog No. _____

KNHN

KNHN—M 5

KNHN—B

• Printed in Red • Printed in Blue



Delivery

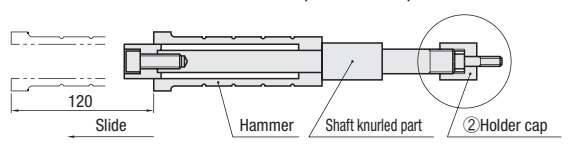
SGP Stock **5** Days

Express **A** **P.i**

Ⓢ For area out of Singapore please refer to P.i.

■ How to use

1. Insert a hexagon socket head cap screw into a holder cap.
2. Install a ② holder cap on the tip of the main body.
3. Install the top of a screw to a dowel pin by rotating a shaft knurled part.
4. Slide the hammer and pull the dowel pin.



Stocks Availability Subjected to Prior Sales.

CB(hexagon socket head cap screw) **P.85**