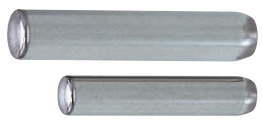
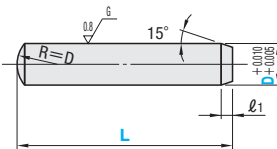


# DOWEL PINS

RoHS

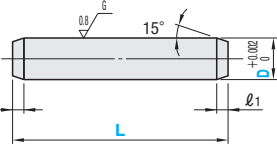


MS (Straight type)



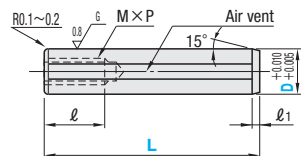
M SUJ2  
I 58HRC~

MSV (Precision type)



M SUJ2  
I 58HRC~

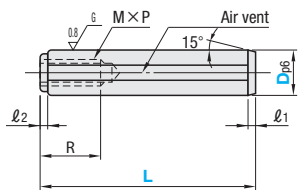
MSTP (Precision type with tapping)



When L=10, the tap on D5/D6 is a through hole.

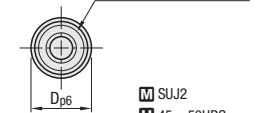
M SUJ2  
I 58HRC~

MST (p6 type with tapping)



When L=10, the tap on D5/D6 is a through hole.

(Groove for identification)



M SUJ2  
I 45~50HRC

In the polishing process of outer diameter,  $\ell_1$  and  $\ell_2$  dimensions may be greater than those described on the table.

$\ell_1$	Part Number Type	D	L	U/Price	Slide Unit Price	
				1~299	300~499/500~2000	
0.4	MS	1	6 8 10	Quotation		
0.6			6 8 10			
1.0			2			6 8 10 15 20
			2.5			6 8 10 15 20 25 30
1.5			3			6 8 10 15 20 25 30 35 40
			4			8 10 15 20 25 30 35 40 45 50
2.0			5			8 10 15 20 25 30 35 40 45 50
			6			8 10 15 20 25 30 35 40 45 50 55 60
2.5			8			10 15 20 25 30 35 40 45 50 55 60 65 70 80
			10			15 20 25 30 35 40 45 50 55 60 65 70 80
3.0			12			20 25 30 35 40 45 50 55 60 70 80
			13			30 40 50 60 70 80

$\ell_1$	$\ell_2$	Part Number Type	D	L	U/Price	Slide Unit Price
					1~299	300~499/500~1999/2000~4000
1.0	0.2	MSV	2	6 8 10	Quotation	
				3		
1.5	0.5	MSV	4	10 15 20 25 30	Quotation	
				5		
2.0		MSV	6	10 15 20 25 30	Quotation	
				8		
2.5		MSV	10	30 40 50 60	Quotation	

Sizes of the high precision dowel pins are measured in a thermostatic chamber.

$\ell_1$	MXP	$\ell$	D	Part Number Type	D	L	U/Price	Slide Unit Price
							1~299	300~500
1.5	M3 x 0.5	6		MSTP	5	10 15 20 25 30	Quotation	
						6		
2.0	M4 x 0.7	8		MSTP	8	10 15 25 35 40 50 60	Quotation	
2.5	M5 x 0.8	10		MSTP	10	15 20 25 30 35 40 45 50 60 70	Quotation	
						80		
3.0	M6 x 1.0	15		MSTP	12	20 30 40 50 60 70	Quotation	
						80		
				MSTP	13	40 50 60 70	Quotation	
				MSTP	16	40 50 60 70	Quotation	

\*  $\ell=6$  is a reference value when D=5. \*  $\ell=6$  only when D=6, L=10

$\ell_1$	$\ell_2$	MXP	$\ell$	Dp6	Part Number Type	D	L	U/Price	Slide Unit Price
								1~299	300~500
1.5	0.5	M3 x 0.5	6		MST	5	10 15 20 25 30	Quotation	
							6		
2.0	0.7	M4 x 0.7	8		MST	8	10 15 25 35 40 50 60	Quotation	
2.5	1.0	M5 x 0.8	10		MST	10	15 20 25 30 35 40 45 50 60 70	Quotation	
							80		
3.0	1.5	M6 x 1.0	15		MST	12	20 30 40 50 60 70	Quotation	
							80		
					MST	13	40 50 60 70	Quotation	
					MST	16	40 50 60 70 80	Quotation	
					MST	20	50 60 70 80	Quotation	

\*  $\ell=6$  is a reference value when D=5. \*  $\ell=6$  only when D=6, L=10

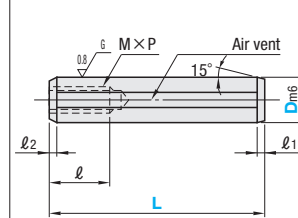
Non JIS material definition is listed on P.1351 - 1352

In the polishing process of outer diameter,  $\ell_1$  and  $\ell_2$  dimensions may be greater than those described on the table.

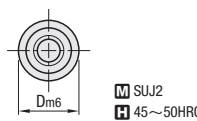
$\ell_1$	$\ell_2$	MXP	$\ell$	Dm6	Part Number Type	D	L	U/Price	Slide Unit Price
								1~299	300~500
1.5	0.3	M3 x 0.5	6		MSTM	5	10 15 20 25 30	Quotation	
							6		
2.0	0.5	M4 x 0.7	8		MSTM	8	10 15 25 35 40 50	Quotation	
2.5	1.0	M5 x 0.8	10		MSTM	10	15 20 25 30 35 40 45 50 60 70	Quotation	
							80		
3.0	1.5	M6 x 1.0	15		MSTM	12	20 30 40 50 60 70	Quotation	
							80		
					MSTM	13	40 50 60 70	Quotation	
					MSTM	16	40 50 60 70 80	Quotation	
					MSTM	20	50 60 70 80	Quotation	

\*  $\ell=6$  is a reference value when D=5. \*  $\ell=6$  only when D=6, L=10

MSTM (m6 type with tapping)

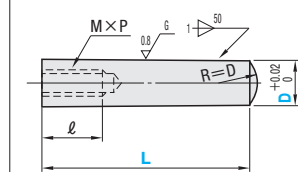


When L=10, the tap on D5/D6 is a through hole.



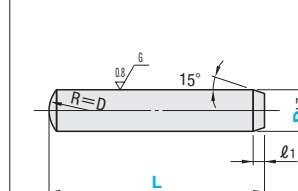
M SUJ2  
I 45~50HRC

MTT (Taper type with tapping)



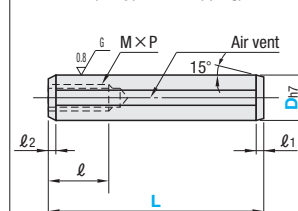
M SK4  
I 45~50HRC

MSSH (Straight h7 type)



M SUJ2  
I 58HRC~

MSTH (h7 type with tapping)



When L=10, the tap on D5/D6 is a through hole.

M SUJ2  
I 45~50HRC

MXP	$\ell$	Part Number Type	D	L	U/Price	Slide Unit Price
					1~499	500~999/1000~1999/2000~4000
M 5x0.8	9	MTT	8	30 40	Quotation	
				40 50		
				40 50		
				50 60 70		
M 6x1.0	10	MTT	12	40 50	Quotation	
				50 60 70		
M 8x1.25	14	MTT	13	50 60	Quotation	
				60 70		
M 10x1.5	16	MTT	16	60 70	Quotation	

$\ell_1$	Dh7	Part Number Type	D	L	U/Price	Slide Unit Price
					1~299	300~499/500~1999/2000~4000
1.0	0	MSSH	2	6 8 10 15	Quotation	
				3		
1.5	-0.010	MSSH	4	10 15 20	Quotation	

$\ell_1$	$\ell_2$	MXP	$\ell$	Dh7	Part Number Type	D	L	U/Price	Slide Unit Price
								1~299	300~500
1.5	0.3	M3 x 0.5	6	0	MSTH	5	10 15 20 25 30	Quotation	
							6		
2.0	0.5	M4 x 0.7	8	0	MSTH	8	15 20 25 30 35 40 45	Quotation	
2.5	1.0	M5 x 0.8	10	0	MSTH	10	15 20 25 30 35 40 45	Quotation	
3.0	1.5	M6 x 1.0	15	0	MSTH	12	20 30 40 50 60 70	Quotation	
					MSTH	13	40 50 60 70 80	Quotation	
					MSTH	16	40 50 60 70 80 100 120	Quotation	
					MSTH	20	60 70 80 100 120 150	Quotation	

\*  $\ell=6$  is a reference value when D=5. \*  $\ell=6$  only when D=6, L=10 \* Packing sales of MSTH P.1205



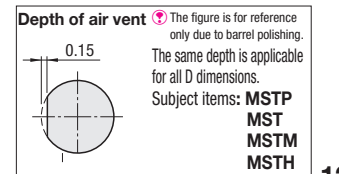
Order

Part Number — L  
MS2 — 20



Days to Ship

Quotation



Depth of air vent The figure is for reference only due to barrel polishing. The same depth is applicable for all D dimensions. Subject items: MSTP, MST, MSTH, MSTH