
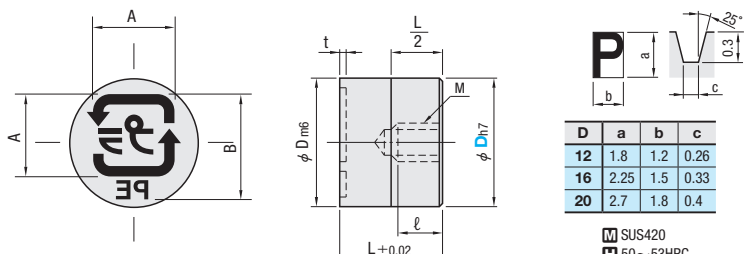


Ⓜ Non JIS material definition is listed on P.1351 - 1352

Recycle Marked Pins for Identification of Plastic Packaging RoHS **RMP□M**



• Details of character section



D	a	b	c
12	1.8	1.2	0.26
16	2.25	1.5	0.33
20	2.7	1.8	0.4

Ⓜ SUS420
Ⓜ 50~53HRC

L	M	ℓ	A	B	t	Part Number Type	D	Characters for engraving	U/Price 1~9	Order	Part Number	Characters for engraving
12	M5	7	8	10.3	0.3	RMP2M (2 character type)	12	A B C D E F G	Quotation	☎	RMP2M16	PP
14	M6	7	10	12.8	0.3	RMP3M (3 character type)	16	H I J K L M N		🚚	RMP2M12	%%
16	M6	8	12	15.4	0.3		20	O P Q R S T U V W X Y Z		🏷️		

* Use % for (Space).


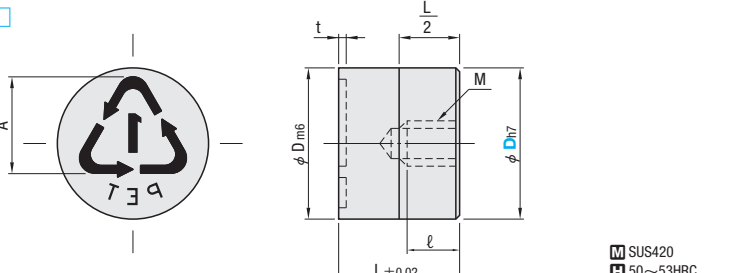
How to Mount Make a hole (H7) on the plate and lightly drive the recycle marked pin into it using a wood hammer, etc. Then adjust the marking position and fix with a bolt.

Compulsory Identification

- Subject of Identification**
Identification marks of plastic containers have been made compulsory since April 1, 2001 in order to encourage consumers to dispose waste separately. Regulations including recommendations, decrees, and penalties have been in effect since April 1, 2003. Plastic containers and packaging are subject to identification under the regulations. Additionally, the items subject to compulsory re-merchandising in the Container and Packaging Recycle Law are subject to displaying this information according to the purpose.
- Party with identification obligation**
Enterprises which use plastic containers and packaging, specified enterprises, and import dealers have the obligation to display identification. In contrast to obligation of re-merchandising, small-scale enterprises also have the obligation to

- display identification.
- Material indication**
In addition to identification marks, material identifications showing the type of plastic have been considered voluntary. Identification cannot be omitted even when there are material identifications using the SPI method (for export) or others.
- Material identification, and notation of complex material and complex raw material**
Material indication of plastic container packages are recommended to be shown using marks specified in JIS K6899-12000(ISO 1043-11997). When showing the marks with identifications of plastic container packages, left and right angle brackets, > and <, are not required.

Recycle Marked Pins RoHS **RM□□**

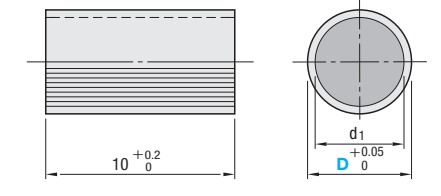
Ⓜ SUS420
Ⓜ 50~53HRC

L	M	ℓ	A	t	Part Number Type	D	U/Price 1~9	Order	Part Number	Days to Ship	Price	Benefits
10	M4	5	5	0.2	RM1J RM1E	8	Quotation	☎	RM1J 8	🚚	🏷️	<ul style="list-style-type: none"> Adding a recycle mark on the finished products enables consumers to identify them as recyclable materials and helps promote recycling. Characters on the finished products will be emboss (Convex).
12	M5	7	6	0.3	RM2J RM2E	10						
14	M6	7	10	0.3	RM3J RM3E	16						
16	M6	8	12	0.3	RM4J RM4G	20						
					RM5J RM5E							

Applicable Plastics	Polyethylene terephthalate	High density Polyethylene	Polyvinyl chloride	Low density Polyethylene	Polypropylene	Polystyrene	Others (including multi-layered plastics)
	RM1J	RM2J	RM3J	RM4J	RM5J	RM6J	RM7J
US SPI standard							
German and French standards comparable to US SPI standard	RM1E	RM2E	RM3E	RM4G (Germany)	RM4F (France)	RM5J (Common with US SPI Standard)	RM6J (Common with US SPI Standard)

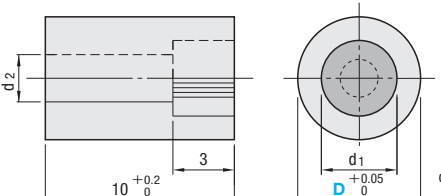
Part Number | D

TSVS	2 · 3 · 4
TSVA	2 · 3 · 4
TSVB	2 · 3 · 4
TSVC	2 · 3
TSVD	6 · 8



Part Number | D

TSVA	6
TSVB	6 · 8 · 10
TSVC	5 · 6 · 8 · 10



Ⓜ SUS316
Ⓜ 130~190HV

d1 = a vent section
Ⓜ SUS316
Ⓜ 130~190HV

Hole diameter	Reference value	No. of holes	d1 reference value	d2	Part Number Type	D	U/Price 1~9
0.02	—	224	1.8	—	TSVS	2	Quotation
		532	2.9	—		3	
		750	3.1	—		4	
0.03	—	280	1.6	—	TSVA	2	Quotation
		630	2.6	—		3	
		1120	3.5	—		4	
		1120	2.3	2		6	
0.05	—	225	1.5	—	TSVB	2	Quotation
		225	1.8	—		3	
		225	2	—		4	
		400	2.2	2		6	
		1600	4.3	4		8	
		3600	6.3	6		10	
0.1	—	55	1.5	—	TSVC	2	Quotation
		76	2.1	—		3	
		76	1.8	2		5	
		76	1.8	2		6	
		300	3.9	4		8	
		690	5.8	6		10	
0.2	—	169	4.9	—	TSVD	6	Quotation
		288	6.5	—		8	

Select a hole diameter of 0.02 to 0.05 for plastics with a relatively good fluidity, and 0.1 or 0.2 for plastics with a lower fluidity.

Features

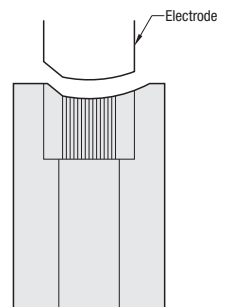
This product features a vent section made of extremely fine through holes embedded in a stainless bushing. These holes (0.02~0.2mm) can release gas with air and reduces resistance associated with plastic pouring, making it easier to take out good products. This gas vent helps improve molding productivity.

How to Mount

- Prepare a hole smaller by 0.03~0.05mm than the gas vent's external diameter; press fit the gas vent into it.
- Do not strike the gas vent directly; use a copper plate, etc. to protect it.

Notes

- You may use a file, whetstone or sandpaper to work on the gas vent surface, then use air to blow any metal powder away from the holes to eliminate clogging. If this does not completely remove metal powder, use a discharging electrode apply it 0.02mm~0.03mm away from the gas vent for 30 to 50 seconds.
 - Cutting the gas vent diagonally makes the opening of the holes oval. Such oval-shaped holes tend to be easily clogged so usage of such gas vent on a flat surface should be recommended.
 - Please be careful about mounting position since traces of the gas vent holes may remain on the finished products depending on the hole diameter and the type of plastics used.
 - Prepare an air relief under the gas vent.
 - If clogged with tar or resin scum, the gas vent hole cannot release gas sufficiently. Make sure to perform maintenance work periodically by using air blow on the vent face, or applying solvent 1 or 2 hours prior to air blowing is effective to clear clogs.
 - Please inquire suppliers of which solvent is the best for the plastics you are using.
- Ⓜ This gas vents are standardized for plastic injection molding dies.
Note that it is not applicable to compression mold, die cast mold and casting mold.
Ⓜ Please note that the vent section may break under high injection pressure.
Note that it is not applicable to polycarbonate resin (PC), composed resin (PC +ABS), and etc.



Date Marked Pins
Recycle Marked Pins
Pins with Gas Vent