

# TM-218 Drawer Slide Rail

PRODUCT



Model No.	Ls	Lt	A	B	C	D	E	F	G	Rated Load (kg/set)	Net Weight (g/set)	Code No.	
TM-218-12	304.8	330.2	76.2	177.8	254.0	76.2	190.5	241.3	266.7	60.8	1340	7410	
TM-218-14	355.6	381.0	101.6	203.2	304.8	88.9	215.9	292.1	317.5	59.0	1560	7411	
TM-218-16	406.4	431.8	127.0	228.6	355.6	127.0	241.3	342.9	368.3	57.6	1780	7412	
TM-218-18	457.2	482.6		279.4	406.4		292.1	393.7	419.1	56.3	2000	7413	
TM-218-20	508.0	533.4	152.4	304.8	457.2	152.4	317.5	444.5	469.9	54.0	2230	7414	
TM-218-22	558.8	584.2	177.8	330.2	508.0	177.8	342.9	495.3	520.7	51.8	2450	7415	

## Parts List

No.	Part Name	Material	Finish
1	Cabinet Member	SPCC	Uc
2	Middle Member		
3	Drawer Member		
4	Retainer	PVC	—
5	Ball Bearing	Carbon Steel Ball	—

## Characteristic

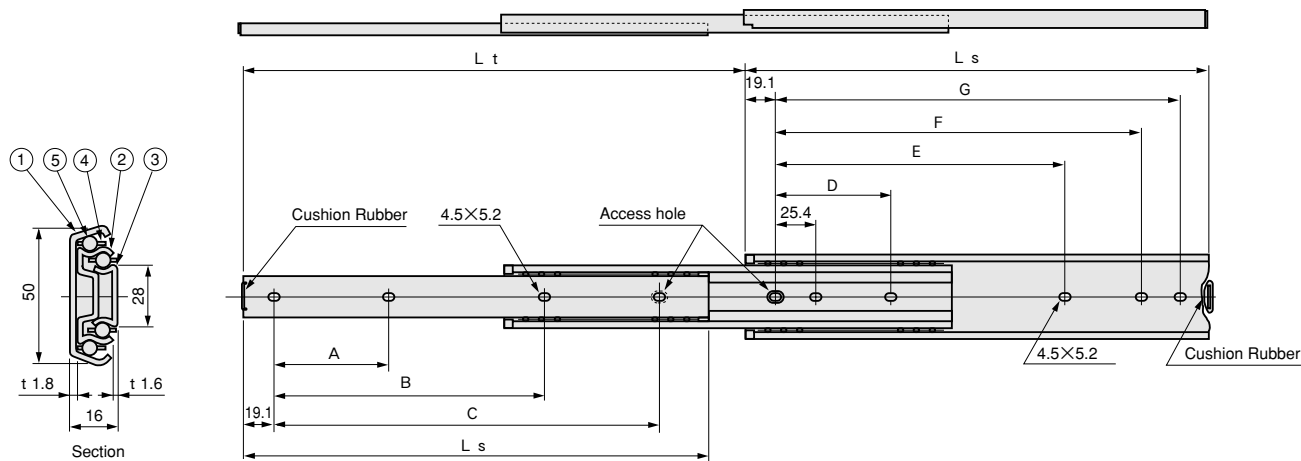
Two plastic retainers are used for upper and lower sides of the rail to have a smooth slide.  
Double slides.  
Travel amount: Over travel by 1".  
Each member cannot be disassembled

## Application

Office automation appliances /  
Medical instruments /  
Boxes of Telecommunication devices, etc.

## Note

M4 truss or bind head screws should be used for fixing.



# TM-217~TM-222 Characteristics of Slide Rails

## Characteristic

Main parts of slide rails, outer, inner, and middle members are made with a roll foaming method. The roll foaming is a processing method to make a complex section with some rolls by multi steps of foaming. The rails made by the roll foaming method have following advantages,

1. Compared with press-processed rails, horizontal strength is improved largely since bending angle can be obtained sufficiently so that smooth foaming can be achieved.
2. High precision section can be made so that assembled parts have smooth movement for a long time.
3. A mass production can be made to get lower pricing.
4. There shall be no problem to make a longer product. 1m and longer product can be made.

## Application

Computers / Terminals / Telecommunication devices / Measuring instruments / Copies / Precise devices such as vending machine / Lateral cabinets / Office desks / Office furniture such as fire-resistant safes / Wooden furniture / Kitchen equipments / Home furniture.

## Rated Load of Slide Rails

Rated load is allowable maximum bearing capacity of a drawer in conditions of a couple of rails, left and right, are tightly fixed to both a cabinet and the drawer, and the drawer are drew out fully. For the case of the figure, rated load is value of W at  $1/2Y$  and  $1/2A$ , the center of gravity.

## Temperature-Resistance

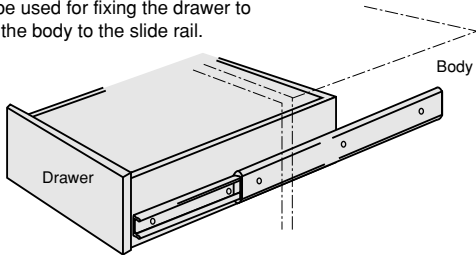
No problem with application temperature range between 0℃ and 50℃ for standard products. If this is not the case for your application, please consult with us.

## Installation Example of Slide Rail

Followings are typical installation methods.

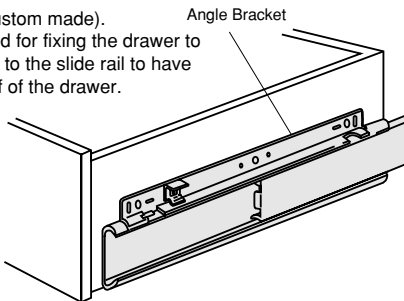
### 1. Setscrew type (TM-217 to TM-222)

Setscrews shall be used for fixing the drawer to the slide rail and the body to the slide rail.



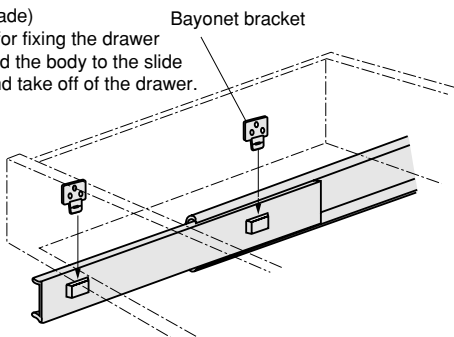
### 2. Angle Bracket type (Custom made).

Setscrews shall be used for fixing the drawer to the angle and the body to the slide rail to have easy insert and take off of the drawer.



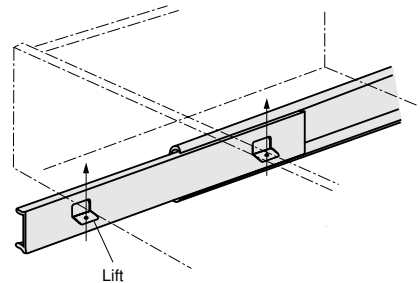
### 3. Bayonet type (Custom made)

Setscrews shall be used for fixing the drawer to the bayonet bracket and the body to the slide rail to have easy insert and take off of the drawer.



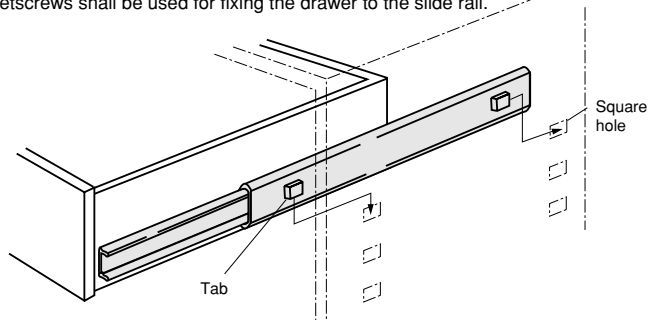
### 4. Lift type (Custom made).

Setscrews shall be used for fixing the drawer to the lift part of slide rail and the body to the slide rail.



### 5. Tab type (Custom made).

Tabs shall be inserted into the square holes on the body, and setscrews shall be used for fixing the drawer to the slide rail.



## Specification

Standard Material	
Rail	Cold Rolled Steel Sheet JIS SPCC grade
Plastic Retainer	Rigid Polyvinyl Chloride
Metal Retainer	Electro Galvanized Sheet Iron JIS SECC grade
Ball	Carbon Steel Ball 3/16"

Standard	Electro Galvanized Plating, Bright Chromate, White.
Custom Made	Electro Galvanized Plating, Colored Chromate, Yellow. Electro Galvanized Plating, Black Chromate, Black. Nickel-Chromium Plating