FR 9001 Aluminum Sliding System
FR 9001

**SLIDE TYPE:** Modular Aluminum Sliding System

**MOUNTING:** Bottom Mount or Side Mount

**WIDTH:** 58 mm (2.28 in.)

**LOAD CAPACITY:** Dynamic up to 225 kg (500 lbs.)

### MATERIALS:
- aluminum slide

### FEATURES:
- nylon rollers and nylon-encased ball bearings

### CAUTION:
- rollers set color must match on each side

### APPLICATION ADVANTAGES:
- 3 components = 1 system, a commonly shared extruded profile with a special interior shape in combination with roller carriers and stops offering a wide variety of applications.

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### APPLICATION ADVANTAGES:
- modular Sliding System comprised of 3 aluminum components for a wide variety of applications
- 500 lbs. weight capacity for a 4 ft. long pull-out Regular Extension is approximately 70% of the length of the profile
- the special interior shape of the profile compensates for installation inaccuracies in width, height and angular direction
- the extruded profile is available up to 6400 mm (21 ft.)
- simple and secure fastening of the profiles by means of the T-slots and M6 bolts
- simple and secure fastening of the roller carriers and stops with M6 bolts
- a recess for a M6 (DIN7984) Allen head bolt with a centerline groove to accurately mark the position of the holes
- only one version of stops
- roller carrier equipped with two types of rollers: solid high-impact plastic roller with lateral play to overcome dimensional installation inaccuracies (red) and ball bearing roller with high-impact plastic (white)
- the system FR 9001 allows the fabricator to create any size pull-out from individual components

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### NOTES:
- order number 9200 roller set, consisting of: 2 pieces solid rollers (tolerance compensating), (red), 2 pieces ball bearing rollers, (white), 4 pieces stops, 16 pieces M6x20 mm bolts (DIN7984), 24 pieces M6 square nuts (DIN57)

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Example FR9001 Regular Extension:

2 outer profiles with 4 stops and 2 roller carriers
2 inner profiles with 2 roller carriers
All profiles have the same length, extension to one side

1. Slide in roller carrier and fasten with M6x20 mm bolts (DIN7984)
2. Fasten stop with M6x20 mm bolts (DIN7984)
3. Slide in movable profile from the back forward
4. Fasten stop with M6x20 mm bolts (DIN7984)
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**Vertical Application**

Profile B can also be used as a bracket for surface mounting.

**Tilt-down application with custom made brackets**

**Horizontal Application underneath tray**

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**Example FR9001 Regular Extension:**
- 2 outer profiles with 4 stops
- 2 inner profiles with 2 roller carriers
- all profiles have the same length, extension to one side

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**Example FR9001 Table Extension:**
- 2 outer profiles with 6 stops
- table top with roller carriers arranged in pairs

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**Example FR9001 Regular Extension:**
- 2 outer profiles with 4 stops
- 2 inner profiles with 4 roller carriers
- different lengths of profiles, extension to both sides

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**Profile A**

**Profile B**

**Profile C**

**TOP VIEW**

**FRONT VIEW**

**Rutting Condition**

for roller connection
FEATURES: lock & stock system for use with FR 9001 aluminum slide system

MATERIALS: aluminum and steel

SPECIFICATIONS:

- order number 92018: profile D extrusion, 6400 mm (21 feet) sold by foot or 92018C profile D extrusion 25.4 mm (1 inch)
- order number 92021: rod E, steel, 6 mm diameter x 2000 mm (78 in.) long sold by piece
- order number 9202: Lock and Stop Set, consisting of: 1 piece Lock lever (A), 1 piece Release lever (B), 1 piece Rod guide (C), 2 pieces Ramp (F), 1 piece Spring (G), 4 pieces Set screws M5 x 6 mm (H), 3 pieces Bolt

PRODUCT TYPE: Lock & Stop System for FR 9001

Description | Order No. | Weight (kg. lbs.)
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Lock & Stop (see specifications) | * | 9202
Profile D Extrusion, 25.4 mm (1 inch) | * | 92018C
Profile D Extrusion, 6400 mm (21 feet) | * | 92018**
Rod E, 6 mm diameter x 2000 mm (78 in.) long | * | 92021

FR 9001 Corner Bracket

Description | Order No.
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Universal corner Bracket, aluminum | 92020
Packing Unit: 1 piece
FR9001 Aluminum Sliding System (4 T-Slots)

Roller set consists of (see illustration on page 2):
2 pieces Solid Rollers (red), tolerance compensating
2 pieces Ballbearing Rollers (white)
4 pieces Stops
16 pieces M6x20mm Socket Head Bolts

The roller carriers are marked with:
F for Front
B for Back

FR9001 (4 T-Slots)
For the FR9001 (4 T-Slots) profile this has to be reversed because the profile is a symmetric shape. This means that on the stationary profile the B roller and carrier are mounted on the front and on the movable profile the F roller and carrier are mounted on the back.

In order to check if it is correct you must notice a slight incline of the movable profile from back to front. This compensates for the deflection under load.

Please note that in each set are white and red rollers. You must use the same color roller on each side. Never use a white and red roller on the same side.

Follow the included instructions to drill all holes for roller carriers and stops.
In the automotive industry and specialty vehicle industry adding weight is of the greatest concern.

With the FR 9001 Aluminum Sliding System, big loads can be moved with little effort, yet the sliding system is light weight.

The FR 9001 has its place where simple application, light weight and resistance to corrosion is an issue. But at the same time high load capacity and dependability are of greatest importance.

FR 9001 - another Fulterer product for specialists and experts.