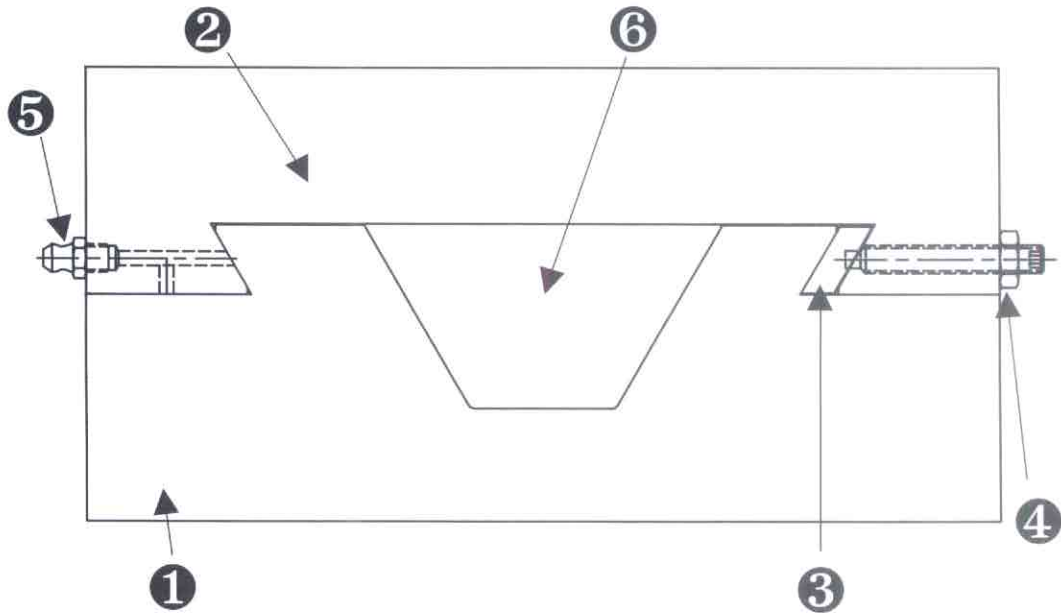


DOVETAIL SLIDES



DOVETAIL SLIDES GENERAL INFORMATION



**1 Base**

The male part of the dovetail. The base, as well as the saddle, are manufactured from close-grained cast iron. Both are normalized before machining. Generally, the base is the stationary part of the slide.

**2 Saddle**

The female part of the dovetail. It is usually the moving part of the slide.

**3 Gib**

Is used to adjust the clearance between the dovetail contact surfaces. It is made from low carbon steel and ground. The gib length is equal to the saddle length.

**4 Gib Screw/Nut**

Used to adjust the gib and lock it in place. The gib is adjusted at the factory, but it can easily be adjusted in the field if necessary.

**5 Lube Fitting**

Standard on the heavy-duty and universal series slides. It can be replaced with metered fittings. Slides have a minimum of one fitting per side. Lube fittings have a 1/4 – 28 thread (1/8 N.P.T. optional). Use a high-quality way oil for lubrication. **Do not use grease.**

**6 Trough**

For accessory clearance on universal slides only.

All loads shown are in pounds per inch of saddle/base contact length.

*Note: If Rulon anti-friction bearing material is applied, multiply all values shown by 1.5*

**E&E Dovetail Slides – Dynamic Load Chart**

EL-Series			EH-Series			EU-Series		
Width	Horz.	Side	Width	Horz.	Side	Width	Horz.	Side
2.0	30	10	4.0	60	25	4.0	60	20
3.0	40	10	6.0	80	25	6.0	80	20
4.0	50	20	8.0	100	30	8.0	100	30
6.0	60	20	–	–	–	10.0	125	40
–	–	–	–	–	–	12.0	150	40
–	–	–	–	–	–	16.0	180	60

This chart is to be used as a guide only.

Values shown are for weights evenly distributed over the saddle length. Contact the factory for offset loads, high thrusts, shock loading or rapid accelerations.

Use EL2 and EL3 Series for EU2 and EU3 loading.

**NOTE:** Specifications and dimensions are subject to change without notice. Layout prints are available upon request.