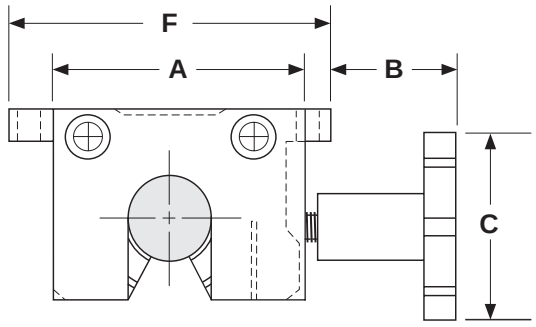
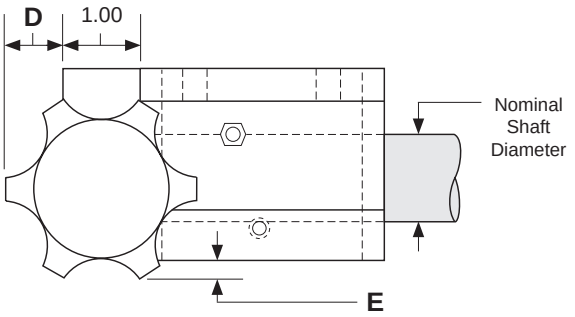
Options

(-L) Hand Wheel Lock

This option adds an aluminum clamping block to the end of a pillow block, which then provides for a manual lock of the bearing to the shaft. The threaded hand wheel shaft presses into a bronze insert which makes contact to provide a "pressure lock" to the shaft. The threaded steel screw will not back drive and does not make physical contact with the steel shaft (no steel to steel contact). The lock will be installed as shown below when ordered with a SLBC, SLBO, DLBC, DLBO, or TRCA series. Multiple locks can be installed onto a TRCA assembly.

Nominal Shaft Diameter (inches)	Dimensions (inches)						
	A	B	C	D	E		F
					open	closed	
8 - 0.500	1.680	1.72	2.00	0.50	.56	.44	2.00
10 - 0.625	1.875	1.53	2.00	0.50	.50	.31	2.50
12 - 0.750	2.067	1.46	2.00	0.50	.37	.18	2.75
16 - 1.000	2.312	1.34	2.00	0.50	.19	---	3.25
20 - 1.250	3.125	1.66	2.50	0.75	.17	---	4.00
24 - 1.500	3.625	1.46	2.50	0.75	.05	---	4.75
32 - 2.000	4.600	1.45	2.50	0.75	---	---	6.00





Custom Carriage Sizes

Custom carriage sizes that need to be wider, or longer than shown in this catalog can be provided upon request. This will allow for larger rail and bearing spacing (d_1 & d_2 dimensions).

Custom Carriage Material & Finishes

The standard carriage material is aluminum with a black anodized finish. Aluminum plates can be finished in many different colors, while steel carriage plates can be provided with a black oxide finish. Many other custom alternatives for carriage plates are available.

Special Grease Options

Bearings can be supplied with special greases, or lubricants, in order to meet the environmental requirements of the application. Examples of operating environments which may require a special lubricant include: high or low temperature, clean rooms, vacuums and food grade applications.