

LEE TITANIUM FLANGE MOUNT SAFETY SCREENS

The Lee Company now offers a complete line of flange mount, HI-BAR® Safety Screens made entirely of 6Al-4V Titanium. These high strength screens feature a robust, single piece construction that can withstand pressure differentials up to 7500 psid without rupture. Also, with the high strength-to-weight ratio of titanium, these screens offer a weight savings up to 43% when compared to the industry leading stainless steel Lee HI-BAR Safety Screens.

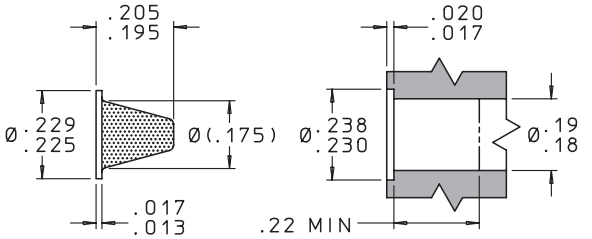
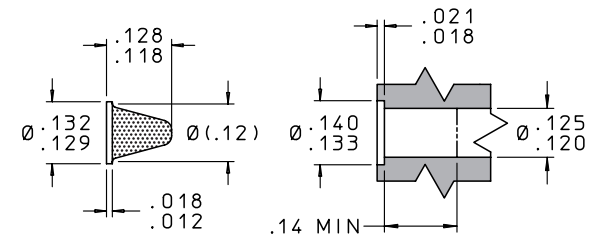
The lightweight, high strength design makes these screens ideal for applications in the aerospace, space and racing industries. Also, with the excellent corrosion resistance of 6Al-4V titanium in a variety of media including sea water, these screens are suitable for use in marine, medical and oil industry applications.

- Rugged, One Piece Design Made Entirely of 6Al-4V Titanium
- High Strength, Lightweight Design With Excellent Corrosion Resistance
- Burst/Collapse Pressure: 7500 PSID
- 36 Standard Versions for Design Flexibility
- Hole Sizes From 0.004" to 0.020"
- Custom Designs Available



These titanium HI-BAR Safety Screens are available in 6 different flange sizes ranging from 0.130" to 0.670" in diameter, and 6 different hole sizes ranging from 0.004" to 0.020" in diameter.

All Lee Safety Screens are precision cleaned and packaged before shipment. Special designs are available upon request. Contact your local Lee Sales Engineer for additional information or technical assistance.



130 FLANGE MOUNT SCREEN

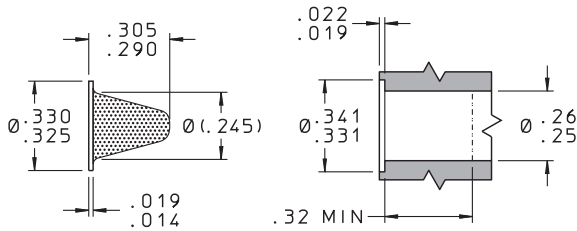
LEE PART NUMBER	HOLE SIZE (in.)	HOLE SIZE (µm)	OPEN AREA (in. ²)	TOTAL AREA (in. ²)	NUMBER OF HOLES	BURST / COLLAPSE PRESSURE (psid min.)	Rob** NUMBER	LOHM* RATE (nom.)
FSHF1302010A	0.004	100	0.003	0.02	200	7500	0.2	350
FSHF1302015A	0.006	150	0.003	0.02	110	7500	0.6	350
FSHF1302020A	0.008	200	0.003	0.02	45	7500	0.8	300
FSHF1302025A	0.010	250	0.003	0.02	40	7500	1.8	300
FSHF1302040A	0.015	380	0.004	0.02	25	7500	7.3	250
FSHF1302050A	0.020	500	0.005	0.02	14	7500	16.7	200

230 FLANGE MOUNT SCREEN

LEE PART NUMBER	HOLE SIZE (in.)	HOLE SIZE (µm)	OPEN AREA (in. ²)	TOTAL AREA (in. ²)	NUMBER OF HOLES	BURST / COLLAPSE PRESSURE (psid min.)	Rob** NUMBER	LOHM* RATE (nom.)
FSHF2302010A	0.004	100	0.010	0.06	795	7500	0.8	95
FSHF2302015A	0.006	150	0.010	0.06	350	7500	1.8	95
FSHF2302020A	0.008	200	0.010	0.06	200	7500	3.4	95
FSHF2302025A	0.010	250	0.010	0.06	130	7500	6.0	95
FSHF2302040A	0.015	380	0.013	0.06	70	7500	20	90
FSHF2302050A	0.020	500	0.013	0.06	42	7500	49	90

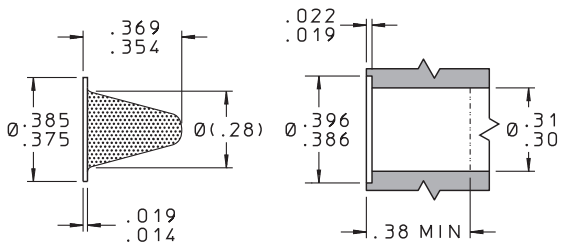
LEE TITANIUM FLANGE MOUNT SAFETY SCREENS

330 FLANGE MOUNT SCREEN



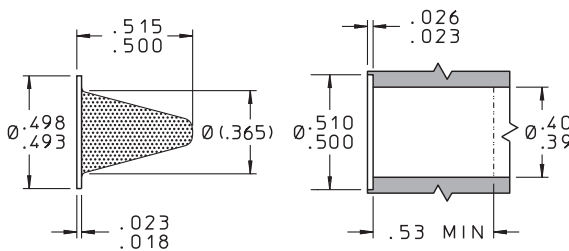
LEE PART NUMBER	HOLE SIZE (in.)	HOLE SIZE (µm)	OPEN AREA (in. ²)	TOTAL AREA (in. ²)	NUMBER OF HOLES	BURST / COLLAPSE PRESSURE (psid min.)	ROB** NUMBER	LOHM* RATE (nom.)
FSHF3302010A	0.004	100	0.022	0.12	1750	7500	1.9	50
FSHF3302015A	0.006	150	0.022	0.12	778	7500	4.0	45
FSHF3302020A	0.008	200	0.022	0.12	435	7500	7.4	45
FSHF3302025A	0.010	250	0.022	0.12	280	7500	13	45
FSHF3302040A	0.015	380	0.028	0.12	158	7500	46	45
FSHF3302050A	0.020	500	0.028	0.12	90	7500	107	40

380 FLANGE MOUNT SCREEN



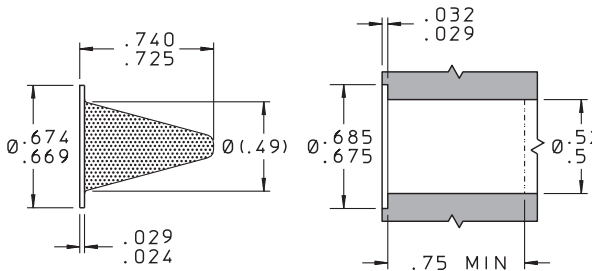
LEE PART NUMBER	HOLE SIZE (in.)	HOLE SIZE (µm)	OPEN AREA (in. ²)	TOTAL AREA (in. ²)	NUMBER OF HOLES	BURST / COLLAPSE PRESSURE (psid min.)	ROB** NUMBER	LOHM* RATE (nom.)
FSHF3802010A	0.004	100	0.031	0.17	2465	7500	2.6	35
FSHF3802015A	0.006	150	0.031	0.17	1095	7500	5.6	30
FSHF3802020A	0.008	200	0.031	0.17	616	7500	10	30
FSHF3802025A	0.010	250	0.031	0.17	395	7500	18	30
FSHF3802040A	0.015	380	0.038	0.17	245	7500	71	30
FSHF3802050A	0.020	500	0.038	0.17	120	7500	143	30

495 FLANGE MOUNT SCREEN



LEE PART NUMBER	HOLE SIZE (in.)	HOLE SIZE (µm)	OPEN AREA (in. ²)	TOTAL AREA (in. ²)	NUMBER OF HOLES	BURST / COLLAPSE PRESSURE (psid min.)	ROB** NUMBER	LOHM* RATE (nom.)
FSHF4952010A	0.004	100	0.06	0.32	4775	7500	5.1	20
FSHF4952015A	0.006	150	0.06	0.32	2120	7500	11	20
FSHF4952020A	0.008	200	0.06	0.32	1190	7500	20	20
FSHF4952025A	0.010	250	0.06	0.32	765	7500	34	20
FSHF4952040A	0.015	380	0.07	0.32	395	7500	115	20
FSHF4952050A	0.020	500	0.07	0.32	225	7500	268	20

670 FLANGE MOUNT SCREEN



LEE PART NUMBER	HOLE SIZE (in.)	HOLE SIZE (µm)	OPEN AREA (in. ²)	TOTAL AREA (in. ²)	NUMBER OF HOLES	BURST / COLLAPSE PRESSURE (psid min.)	ROB** NUMBER	LOHM* RATE (nom.)
FSHF6702010A	0.004	100	0.11	0.62	8755	7500	9.3	10
FSHF6702015A	0.006	150	0.11	0.62	3890	7500	20	10
FSHF6702020A	0.008	200	0.11	0.62	2190	7500	37	10
FSHF6702025A	0.010	250	0.11	0.62	1400	7500	63	10
FSHF6702040A	0.015	380	0.14	0.62	790	7500	230	10
FSHF6702050A	0.020	500	0.14	0.62	445	7500	530	10

* The Lohm is a measure of flow resistance. Example: One Lohm will permit a flow of 100 GPM of water at 25 psid at 80°F.

** The ROB Number indicates the relative resistance to blockage when comparing one screen to another. The higher the ROB Number, the greater the resistance to blockage.

Additional information can be found at www.theleeco.com or by contacting your local Lee Sales Engineer.