

## HI-BAR® INLET SAFETY SCREEN

The new HI-BAR Inlet Safety Screen product line developed by The Lee Company offers a new alternative for inlet filter screen design. Space and weight are minimized by incorporating the inlet screen into a fitting as depicted, rather than the more traditional approach of having the screen installed in the manifold directly below the fitting. This unique design also offers greater flow and dirt holding capacity than a design that completely encapsulates the screen in the fitting.

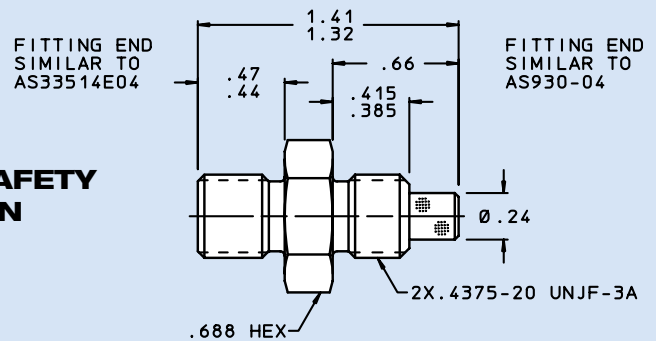
Lee HI-BAR Inlet Safety Screens are machined entirely from 15-5PH stainless steel and are rugged enough to withstand pressure differentials up to 6000 psi without burst or collapse\*. Each component is 100% proof pressure tested before shipment to ensure reliable performance.

The new safety screens are available in -4, -6 and -8 configurations (AS33514 flareless tube to AS930 port fitting ends), which can be installed into a standard boss per AS33649 or equivalent. Six standard hole sizes ranging from 0.003" (75 micron) to 0.020" (500 micron) in diameter are offered. Special designs are available upon request. Contact your Lee Sales Engineer for additional information or technical assistance.

- Minimizes Space and Weight
- Greater Flow and Dirt Holding Capacity
- 100% Proof Pressure Tested
- Burst/Collapse Pressure: 6,000 psid (min.)
- Hole Sizes From 0.003" to 0.020"
- Available in -4, -6 and -8 Configurations



**-4 INLET SAFETY SCREEN**



-4 INLET SAFETY SCREEN PART NUMBERS	PERFORMANCE			SPECIFICATIONS				
	Lohm Rate (nom.)	Burst/Collapse Pressure psid (min.)	ROB** Number	Hole Size in	Hole Size µm	Open Area in <sup>2</sup>	Total Area in <sup>2</sup>	Number of Holes
FSIA0404030A	40	6000	2.1	0.003	75	0.04	0.27	5660
FSIA0404040A	40	6000	4.2	0.004	100	0.05	0.27	3980
FSIA0404060A	40	6000	9.0	0.006	150	0.05	0.27	1770
FSIA0404080A	40	6000	17	0.008	200	0.05	0.27	995
FSIA0404150A	40	6000	99	0.015	380	0.06	0.27	340
FSIA0404200A	40	6000	226	0.020	500	0.06	0.27	190

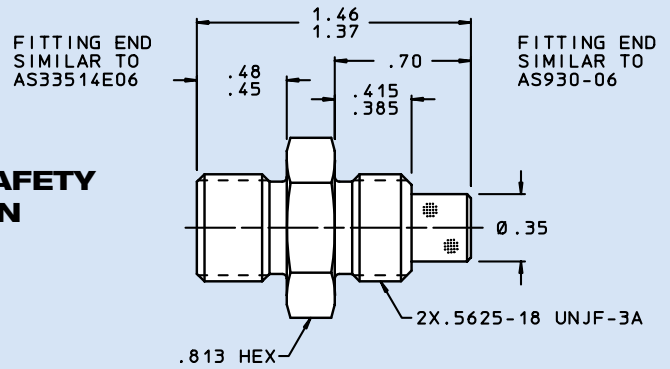
\*The Lee Company defines burst and collapse as the first sign of screen deformation.

\*\*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.

# HI-BAR® INLET SAFETY SCREEN

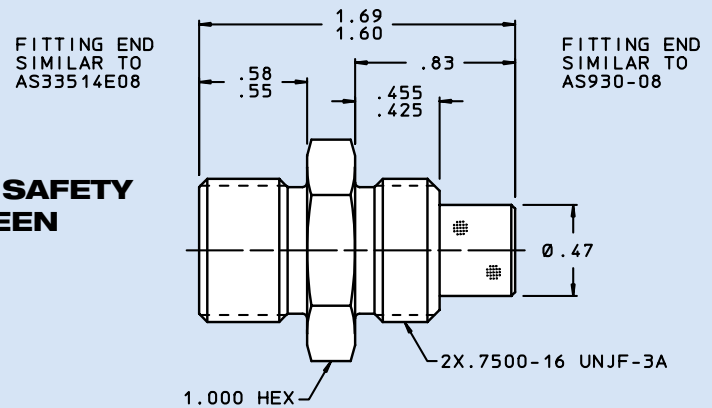
- Minimizes Space and Weight
- Greater Flow and Dirt Holding Capacity
- 100% Proof Pressure Tested
- Burst/Collapse Pressure: 6,000 psid (min.)
- Hole Sizes From 0.003" to 0.020"
- Available in -4, -6 and -8 Configurations

## -6 INLET SAFETY SCREEN



-6 INLET SAFETY SCREEN PART NUMBERS	PERFORMANCE			SPECIFICATIONS				
	Lohm Rate (nom.)	Burst/Collapse Pressure psid (min.)	ROB** Number	Hole Size in	Hole Size µm	Open Area in <sup>2</sup>	Total Area in <sup>2</sup>	Number of Holes
FSIA0606030A	20	6000	3.2	0.003	75	0.06	0.46	8490
FSIA0606040A	20	6000	6.7	0.004	100	0.08	0.46	6365
FSIA0606060A	20	6000	15	0.006	150	0.08	0.46	2830
FSIA0606080A	20	6000	27	0.008	200	0.08	0.46	1590
FSIA0606150A	20	6000	180	0.015	380	0.11	0.46	620
FSIA0606200A	20	6000	416	0.020	500	0.11	0.46	350

## -8 INLET SAFETY SCREEN



-8 INLET SAFETY SCREEN PART NUMBERS	PERFORMANCE			SPECIFICATIONS				
	Lohm Rate (nom.)	Burst/Collapse Pressure psid (min.)	ROB** Number	Hole Size in	Hole Size µm	Open Area in <sup>2</sup>	Total Area in <sup>2</sup>	Number of Holes
FSIA0808030A	10	6000	6.4	0.003	75	0.12	0.93	16975
FSIA0808040A	10	6000	14	0.004	100	0.17	0.93	13530
FSIA0808060A	10	6000	30	0.006	150	0.17	0.93	6015
FSIA0808080A	10	6000	57	0.008	200	0.17	0.93	3380
FSIA0808150A	10	6000	346	0.015	380	0.21	0.93	1190
FSIA0808200A	10	6000	797	0.020	500	0.21	0.93	670

\*The Lee Company defines burst and collapse as the first sign of screen deformation.

\*\*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.