

LEE IMH INSERT STYLE SAFETY SCREENS

IMH Screens are "last chance" safety screens designed to protect critical fluid control components against rogue contamination. They are *not* intended to serve as system filters. The screens are constructed of stainless steel woven wire mesh, bonded together using a proprietary process that offers superior integrity and life.

IMH Insert Style Screens use the proven *Lee Insert Principle* of controlled expansion during installation to seal and lock the screen in place.

A preinstalled expander pin is simply pressed flush with the screen body, expanding the locking grooves into the wall of the installation hole to effect a seal and retain the part.

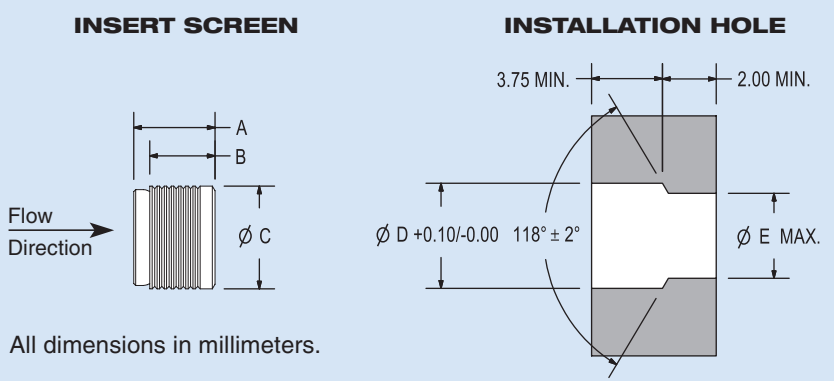
Offered in 5.5, 8, 10 and 12 mm diameters, the screens are rated at 125 microns absolute. For information on other micron ratings, contact your Lee Sales Engineer.

- All Stainless Steel Construction
- Available Diameters: 5.5, 8, 10 and 12 mm

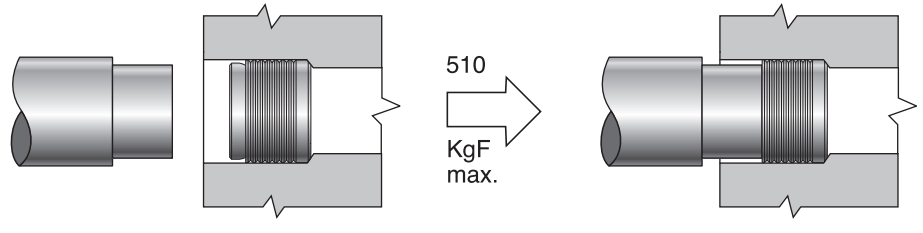
ACTUAL SIZE
(as installed)



INSERT STYLE SCREENS



SIMPLE TO INSTALL



Insert the IMH Safety Screen into a drilled installation hole.

Seal and lock in place by driving in the expander pin. Installation tool can bottom on screen body with no consequence. Exposed ends of pin and insert will be flush within ±0.25mm (±0.010") of each other. Lee Installation Tools are available, see chart, above right.

SCREEN PART NUMBERS	Installation Tool Part Number
SCRM2551125S	CCRT0901034S
SCRM2801125S	CCRT0901036S
SCRM2101125S	CCRT0901035S
SCRM2121125S	CCRT0900875S

Installation Force (5,000 Newtons (510 kgf))

INSERT STYLE SCREEN SPECIFICATIONS								
SCREEN PART NUMBERS	Dim. A (mm)	Dim. B (mm)	Dim. C (mm)	Dim. D (mm)	Dim. E (mm)	Lohm Rate	Min. Burst Pressure (MPa)	Screen Working Area (Sq. mm)
SCRM2551125S	4.3	3.46	5.50	5.55	4.5	235	3.5 (500 psi)	9.6
SCRM2801125S	4.3	3.46	8.00	8.05	7.0	70	3.5 (500 psi)	28.3
SCRM2101125S	4.3	3.46	10.00	10.05	9.0	60	3.5 (500 psi)	50.0
SCRM2121125S	4.3	3.46	12.00	12.05	11.0	45	0.7 (100 psi)	78.5