

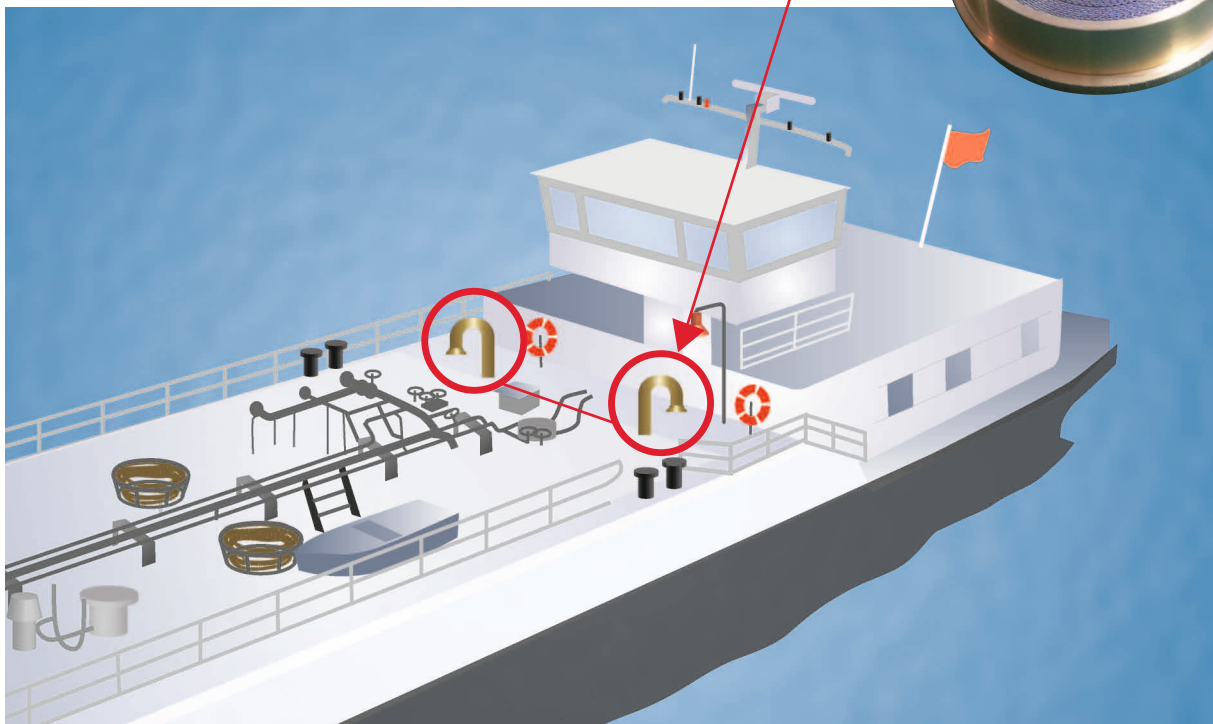
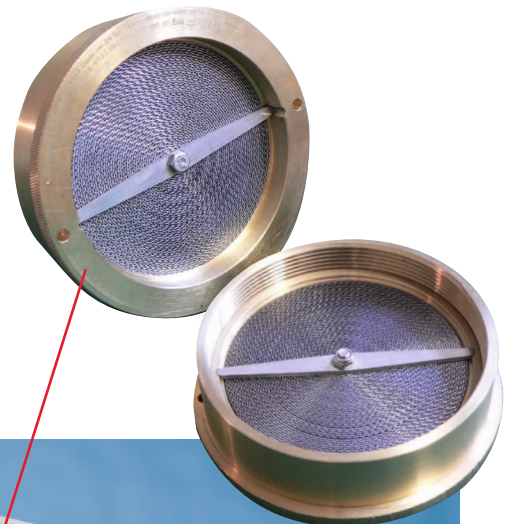
# End of line deflagration flame arresters

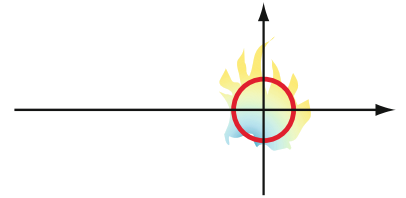
to protect cofferdams and double-hull spaces

3rd party certified to flame arrester standard EN ISO 16852

According to AND 2015 double-hull spaces and cofferdams shall be provided with ventilation systems. If necessary, the empty cofferdams spaces will be filled with water. By filling and emptying, at temperature and atmospheric pressure differences, air will be exchanged between atmosphere and cofferdam space. If the shipload requires explosion protection, than gas air mixture can accumulate in to cofferdam or double-hull spaces. To prevent explosion in the cofferdam and/or double-hull spaces, the ventilation system must be fitted with end of line deflagration flame arrester approved to EN ISO 16852 (see also ADN 2015 - 9.3.2.20.4).

As manufacturer of flame arresters, we offer a new range of end of line deflagration flame arresters with 3rd party approval to EN ISO 16852 and IMO MSC/Circ. 677 (Amendment: MSC/Circ. 1009, and MSC. 1/Circ. 1324) for explosions group IIB. The end of line deflagration flame arresters are developed for ventilation system of double-hull spaces and cofferdams and available with external and internal thread.





# End of line deflagration flame arrester with 3<sup>rd</sup> party approval to EN ISO 16852 and ATEX directive 94/9 EG.

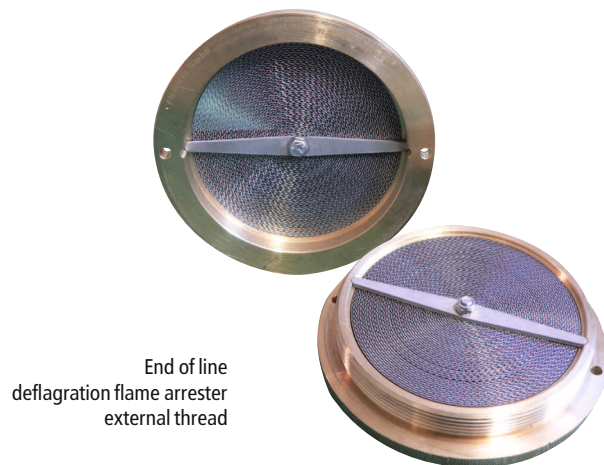
End of line deflagration flame arresters the series 1008-0016 to 1008-0022 prevents flame propagation at deflagration of explosive vapor-air or gas-air mixtures and is certified for explosion group IIA1, IIA, IIB1, IIB2, IIB3 and IIB with an MESG  $\geq$  0.50 mm.

## ■ Description:

- Housing - Brass (CuZn40Pb2)
- Flame Arrester Element – 316 Stain less steel
- Stabilizations Bar – 316 Stain less steel
- Low pressure drop
- Certified to EN ISO 16852
- EC - Type Examination Certificate No. 15 ATEX 2076 X IBExU

## External Thread to ISO 228-1

Nominal Diameter	Type
1"	1008-0016-00
1 1/4"	1008-0017-00
1 1/2"	1008-0018-00
2"	1008-0019-00
2 1/2"	1008-0020-00
3"	1008-0021-00
4"	1008-0022-00
5"	1008-0023-00
6"	1008-0024-00



## Internal Thread to ISO 228-1

Nominal Diameter	Type
1"	1008-0016-05
1 1/4"	1008-0017-05
1 1/2"	1008-0018-05
2"	1008-0019-05
2 1/2"	1008-0020-05
3"	1008-0021-05
4"	1008-0022-05
5"	1008-0023-05
6"	1008-0024-05

