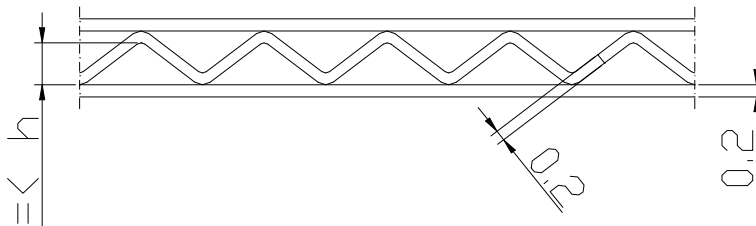
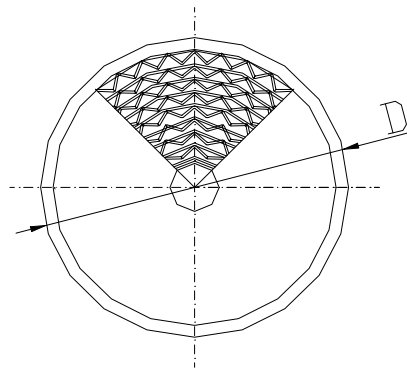
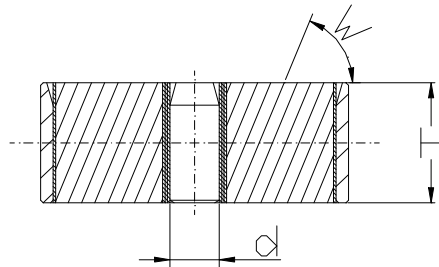


## Inquiry: Ribbon Coil

Ribbon Coils are also named as metal foil elements, flame arrester elements, flame resistors, flame arresters, grates, flame traps, etc. Under certain conditions one or more ribbon coils can quench a developing flame front. The flame is directed through small capillaries and cooled by contact with their metal surface. Capillary height depends on the requirements (explosion group) that need to be fulfilled and needs to be adapted accordingly. Therefore a ribbon coil is not an approved device.

A ribbon coil could be a flame quenching device that is mounted into a flame arrester. Diameter sizing, the choice of material, the determination of capillary height and the number of ribbon coil elements depend on what they are used for. Hence the design of a ribbon coil can only be determined through individual consultation and advice. It is thus impossible for an individual ribbon coil to be ATEX certified.



Geometric Data		Dimension [ mm ]	Tolerance [ mm ]
Height	<b>H</b>		
Height of capillary	<b>h</b>		
Diameter	<b>D</b>		
Diameter of the pin	<b>d</b>		
Angle of capillary	<b>W</b>		

Material	Steel 1.4310	Steel 1.4571
Quantity /year		
Lot / order		