How to add a coaxial nozzle to the small end of a cone

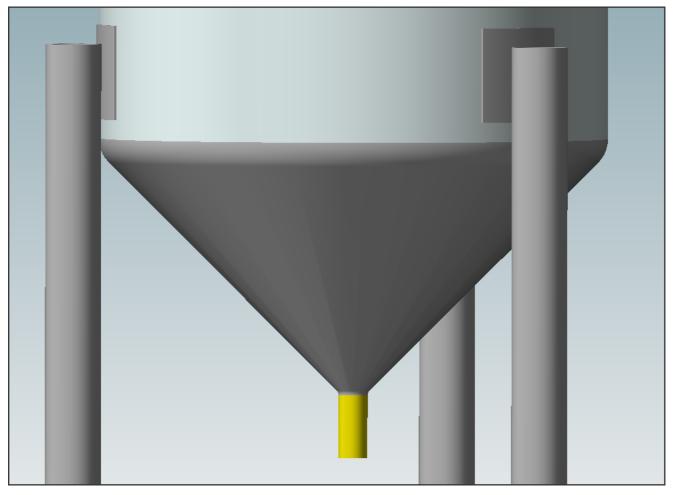
Often vertical vessels equipped with a cone on the lower part end with a drainage nozzle, in this article we illustrate how to add it.

Online version: https://nextgen.sant-ambrogio.it/KBo34359

Latest update: 03 dic 2024

A nozzle coaxial to the cone should be treated as a simple cylinder: this is necessary because this tube does not fit on the surface of the cone and does not create an opening to compensate.

It is therefore sufficient to select the "Cylindrical shell" component instead of "Nozzle" to proceed with the addition.



The rules that must be applied are therefore those of the cylinders adjacent to the cones. For some calculation codes, it is possible to select additional options specific to the pipes, for example in the case of ASME VIII Div. 1 it is possible to validate the pipe section according to B31.3

