

ASSEMBLY AT A GLANCE

Assembly procedure in ten steps

The assembly of a spray drying nozzle is done in a few simple steps. All parts can be easily placed together without the need for special tools.



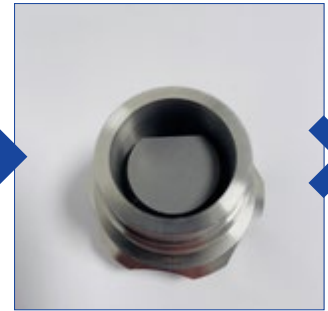
Gather all components to make the assembly. Note there are three different sizes of O-ring.



Place the smallest O-ring inside the nozzle body at the very bottom.



Place the orifice disc, plain bore facing downwards, on top of the O-ring.



Place the swirl chamber, swirl profile facing downwards, on top of the orifice disc.



Assemble middle sized O-ring onto the retainer and apply a "dot" of grease to the circumference.



Insert the retainer disc into the body ensuring the raised profile sits on the back of the swirl chamber.



Now assemble the largest O-ring onto the nozzle body.



Apply a "dot" of grease to the circumference of the seal.



Insert (screw) the nozzle body into the nozzle adaptor – this can already be mounted on the spray lance.



Hand tight only, screw down the nozzle body until it bottoms in the adaptor. There should be a "paper" thin visible gap between the adaptor and underside of the body.

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YouTube

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On our YouTube channel you will find illustrative videos on the assembly and maintenance of Lechler's DryMASTER nozzles plus much more!