

Technical Overview

Fyrtex Mini

Fyrtex Mini includes two critical wear parts: an orifice disc and a swirl chamber. The orifice disc is interchangeable. The swirl chamber is available in tungsten carbide or ceramic. This offers options for chemical compatibility and thermal resistance. Both parts are designed for durability under high pressure and heat. Most versions are available directly from stock.



Technical Specifications*

Construction	Body, Adapter, Orifice Disc, Swirl Chamber and Viton® O-ring
Max. Operation Pressure	350 bar
Max. Temperature	150°C
Maintenance	Quick-change design using only a specialized assembly tool; no wrench required.
Compatibility	Single-inlet swirl chamber enables fine atomization at 10-20% lower pressure than standard nozzles
Applications	Pilot dryers, small batch processing, APIs, infant formula, pharmaceutical powders

**Based on the original Delevan SDX Mini design*

Swirl Chamber Chart: Tungsten Carbide

Part no.	Description
MINI-TC1	Fyrtex Mini Swirl Chamber type 1
MINI-TC2	Fyrtex Mini Swirl Chamber type 2
MINI-TC3	Fyrtex Mini Swirl Chamber type 3

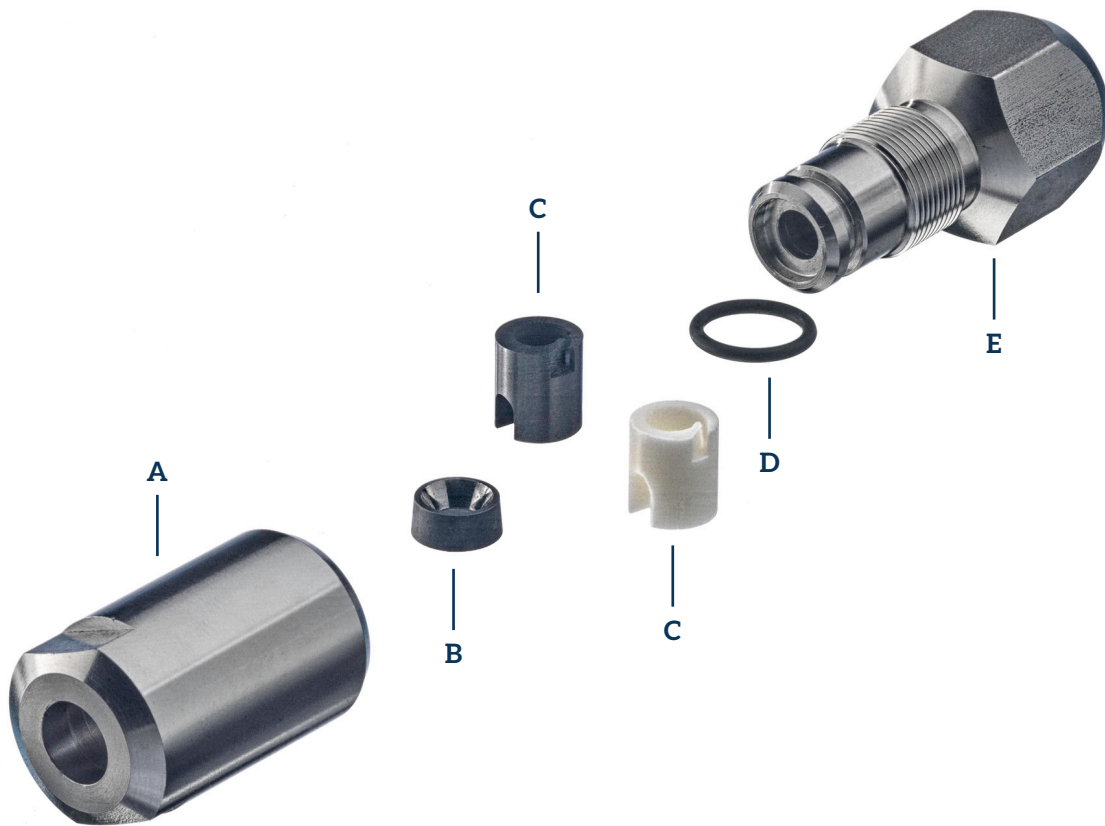
**All parts are made from durable tungsten carbide*

Swirl Chamber Chart: Ceramic

Part no.	Description
MINI-CE1	Fyrtex Mini Swirl Chamber type 1
MINI-CE2	Fyrtex Mini Swirl Chamber type 2
MINI-CE3	Fyrtex Mini Swirl Chamber type 3

**All parts are made from ceramic*





Fyrtex Mini Assembly Description and Part Numbers

Description	Part Number	Material
(A) Body Original	A329320020	Stainless steel
(B) Orifice disc Mini	xxx-MINI */**	Tungsten carbide
(C) Swirl Chamber	See swirl chamber chart	Tungsten carbide / Ceramic
(D) O-Ring	11416634	Viton, EC/FDA
(E) 1/4 NPTF adapter (Original)	A329310013	Stainless steel
(E) 3/8 NPTF adapter (Original)	A329310021	Stainless steel
Assembly tool (Original)	A36360006	Aluminium

**All sizes available: contact our sales team*

***Orifice disc Mini available types 025 (0,64 mm) through 090 (2,29 mm)*