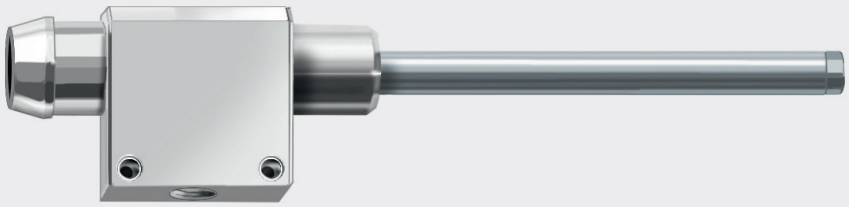
Suction and Vac-Blast machines

Suction Nozzle
FD 10 / FD 14

Surface Cleaning Technology

WANDRES
micro-cleaning

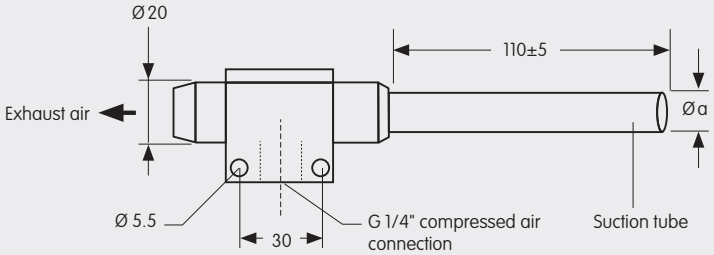
Suction Nozzle FD 10 / FD 14



The Suction Nozzle FD.. has been designed for 24/7 operations in machines, installations and production lines. There are two bore holes to mount the nozzle in a fixed position. You may effectively remove rubbed-off parts, short chips or dust particles with this device. The suction nozzle functions according to the Venturi principle: Compressed air passes a ring nozzle thus creating a vacuum within the suction tube. The incoming air conducts particles and chips towards the exhaust air hose.

Two types of this Suction Nozzles are available. FD 10 with 10 mm suction tube diameter and FD 14 with 14 mm suction tube diameter. The latter may also be equipped with a variety of brushes and nozzles.

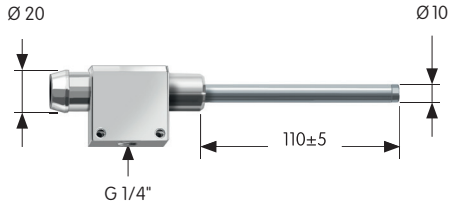
Technical data

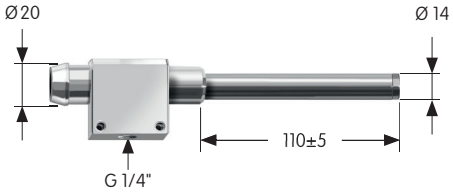


Pneumatic details		
Compressed air	filtered (particle size < 40 µm), oil free (residual oil < 1.5 mg/m³ at 24 °C)	
Compressed air connection	1/4"; 6 bar	
Compressed air (6 bar)	**FD 10**	**FD 14**
Connection	1/4"	1/4"
Consumption (at 1.013 bar and 20 °C)	290 l/min	440 l/min
Suction capacity		
Vacuum	-350 mbar (35%)	-350 mbar (35%)
Suction volume flow	250 l/min	500 l/min
Acoustic emission	79 dB(A)	83 dB(A)
Weight	140 g	160 g
Suction tube Ø a	10 mm for particles Ø < 7 mm	14 mm for particles Ø < 9.5 mm

Technical data are subject to change

For dry or moist particles
e.g. abrasions, short chips or dust





Order no.

100 30 00	Suction Nozzle FD 10 suction tube diameter 10 mm for particle diameters up to 7 mm Connection for exhaust air DN 20 mm Threading G 1/4" for compressed air connection Two mounting holes Ø 5.5 mm
1004000	Suction Nozzle FD 14 suction tube diameter 14 mm for particle diameters up to 9.5 mm Connection for exhaust air DN 20 mm Threading G 1/4" for compressed air connection Two mounting holes Ø 5.5 mm

Wandres GmbH micro-cleaning
www.wandres.com

DB023_EN_240215_Suction Nozzle_FD10/FD14 | WMC