

Silent Air Nozzle

- Noise reduction down to 20 dB

When compressed air escapes, it sizzles.

The noise can be as high as 100 dB and can damage the hearing. The trade association has enacted stringent regulations regarding this matter. One more reason to use a silent air nozzle.

Depending on the pressure, the sound level of the **SO-NW4** can be reduced by up to 20 dB, and that without pressure drop. A special air shroud exploits the existing pressure in a better way. The air supply can be regulated by rotating the SO-NW4 on the MS-M10x1; this saves a choke valve.

To reduce the sound generated by tightly compressed air while escaping, the air jet is directed through 5 exit holes in a linear manner, which results in lower sound levels – i.e. less noise.

The regulator nozzle **SO-RD** is used for liquid products. The fluid quantity can be adjusted or even be shut off by turning the **SO-RD**.

Material: Nickel-plated brass

Order-No.	Air consumpt. per min. [m³]	Size [threading]	Sound level [dB]
SO-NW4	0.140	M10x1	86
SO-RD4	0.240	M10x1	85
SO-RD6	0.300	M12x1	86

All data measured at: 6 bar operating pressure

Metal Hose

- Protection against hot chips

The **MS** is a flexible metal hose for fluids and air and is available in two sizes. The metal hose is extremely robust and resistant to hot chips, grease, and oils. The plastic sleeve (PVC) on the inside makes it absolutely tight.

A long life, outstanding flexibility, and the ability to remain in a set position make this metal hose a useful "work aid".

Area of application: Infeed of fluids (cooling agent, water, oils, etc.) and air.

An extension piece (**VS**) measuring 100 mm is available for the metal hose.

All SOMMER nozzles can be installed directly onto a fitting or any metal hose. This makes the nozzle very flexible.

Material: Nickel-plated steel with plastic hose (PVC) inside.

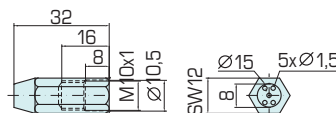
Order-No.	Nominal diameter (mm)	Length (mm)	Bending radius (mm)
MS-M10x1	4	200	64
MS-M10x1-400	4	400	64
MS-M12x1	6	320	72
MS-M12x1-500	6	500	72

Extension Piece

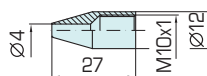
- For metal hoses **MS-M10x1** and **MS-M12x1**

Order-No.	suitable for
VS1/8	MS-M10x1 & MS-M10x1-400
VS1/4	MS-M12x1 & MS-M12x1-500

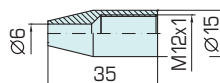
SO-NW4



SO-RD4



SO-RD6

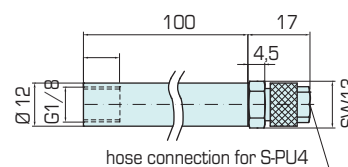
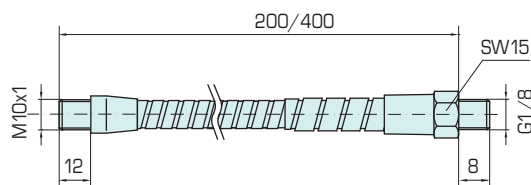


You can mix and match.
Order example: "SO-NW4 + MS-M10x1 + VS1/8"

MS-M10x1

MS-M10x1-400

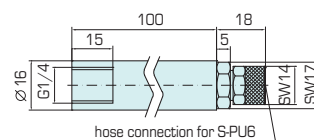
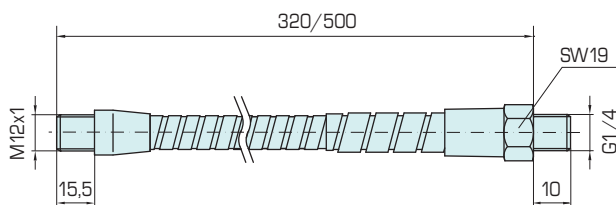
VS1/8



MS-M12x1

MS-M12x1-500

VS1/4



Silent Air Nozzle

- Noise reduction by 20 dB

When compressed air is decompressed, a hissing noise occurs. The noise can reach up to 100 dB and is hazardous for the hearing. Concerning this matter, the professional association has imposed strict conditions. Depending on the pressure, the sound level can be reduced by up to 20 dB with the muted air nozzle, and that without pressure drop. A special air shroud exploits the existing pressure in a better way. The nozzle is regulated via an [ESO-RE] (fine-pitch thread M12 x 0.75), this saves the choke valve.

To reduce the sound generated by tightly compressed air while escaping, the air jet is directed through the existing plastic inset (4 – 7 exit holes) in a linear manner, which results in lower sound levels – i.e. less noise.

The different model versions (round, flat, oblong and flexible) are available with internal or external thread, according to your needs (order separately). The various threaded fittings offer connectivity options for metal hoses, handheld blowers etc.

Version: heat-resistant up to 150 °C

Material: Nickel-plated brass, except for SO-RW (aluminium)

Info: The Sommer low-noise air nozzle is the original and we filed a patent application for it already in 1974. Competitors have often copied it complete with the product declaration.

Order-No.	Air consumpt. per min. [m³]	Size [Threading]	Sound level [dB]
SO-RW	0.105	M12x0.75	83
SO-RK	0.160	M12x0.75	84
SO-R	0.160	M12x0.75	81
SO-M	0.140	M12x0.75	83
SO-F	0.140	M12x0.75	79
SO-Q	0.240	M12x0.75	83
SO-B	0.105	M12x0.75	87
ESO-BSR6	Additional cutting ring for SO-B		
ESO-BVS	Connection for SO-B		
ESO-RE	Adjustment insert for blow nozzles		

All data measured at: 6 bar operating pressure.

Threaded Connection Piece / Blow Pistol

- For metal hoses, blow pistols, and variable installations

Order-No.	Size Threading
GR-M10x1i	M10x1
GR-M12x1i	M12x1
GR-M12x1a	M12x1
GR-M12x1,25a	M12x1.25
GR-M12x1,5a	M12x1.5
GR1/4a	G1/4"
GR1/4i	G1/4"
GR1/8a	G1/8"
GR1/8i	G1/8"
HBP	Pistol M12x1.25

Metal Hose

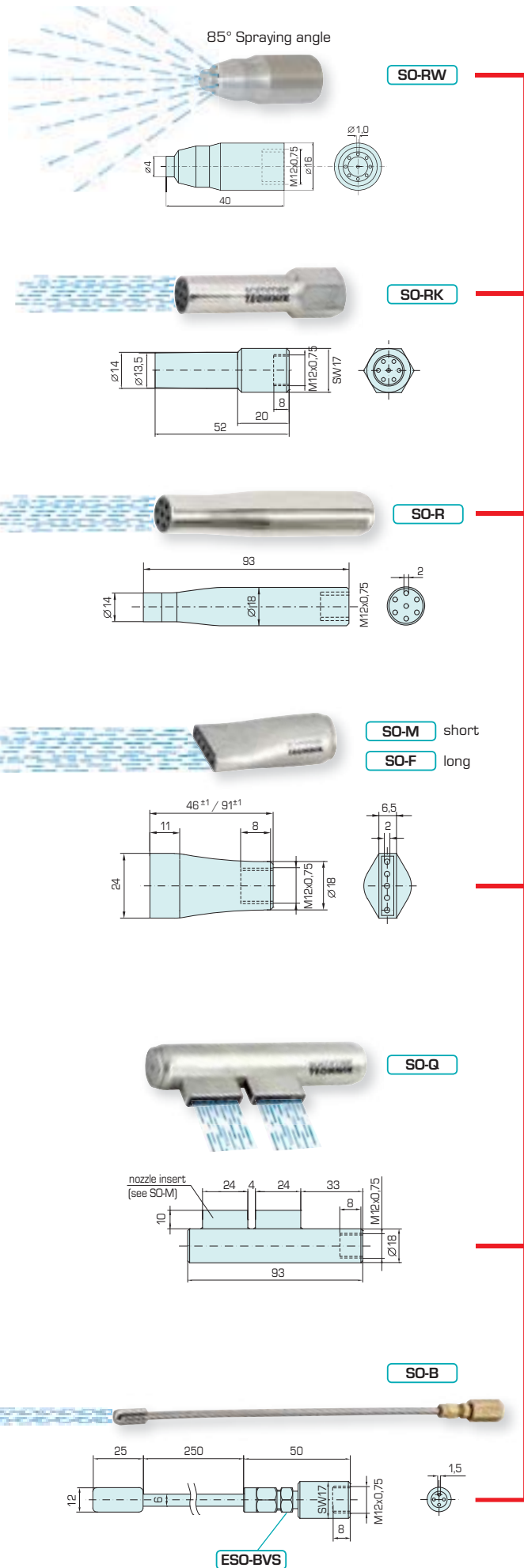
A 100 mm extension (VS) is available for the metal hose.
All SOMMER nozzles can be mounted directly onto all metal hoses or with a threaded fitting to render the nozzle freely movable.

Order-No.	Nominal diameter (mm)	Length (mm)	Bending radius (mm)
MS-M10x1	4	200	64
MS-M10x1-400	4	400	64
MS-M12x1	6	320	72
MS-M12x1-500	6	500	72

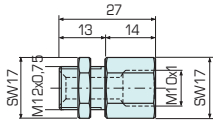
Extension Piece 100 mm

- for metal hose MS-M10x1 and MS-M12x1

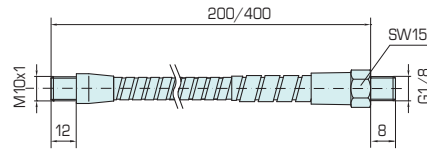
Order-No.	Suitable for
VS1/8	MS-M10x1 & MS-M10x1-400
VS1/4	MS-M12x1 & MS-M12x1-500



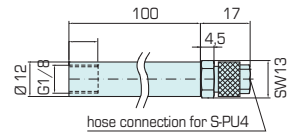
GR-M10x1i



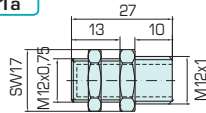
MS-M10x1 MS-M10x1-400



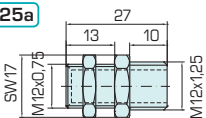
VS1/8



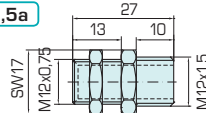
GR-M12x1a



GR-M12x1,25a



GR-M12x1,5a



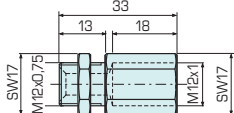
You can mix and match.
Order example: "SO-Q + GR-M10x1 + MS-M10x1 + VS1/8"

For standard air guns

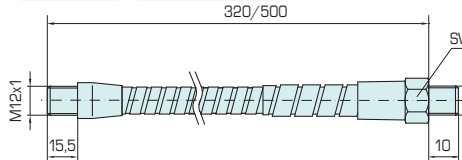
(Order example for our air gun HBP:
HBP + GR-M12x1.25 + SO-M)



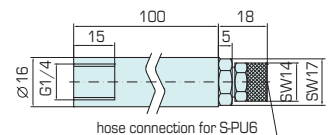
GR-M12x1i



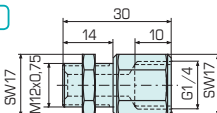
MS-M12x1 MS-M12x1-500



VS1/4



GR1/4i



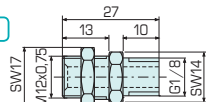
For permanent installation

GR1/4a



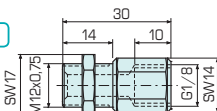
For permanent installation

GR1/8a



For permanent installation

GR1/8i



For permanent installation