Blow Gun DBG series

DBG series are resin body Blow Gun except valve spring
They are durable and lightweight.

DBS series has 3 versions

1) Standard Type --- Fixed Nozzle
2) OSHA compliant Type --- Fixed Nozzle
3) Interchangeable Nozzles Type

■Double port (top and bottom Inlet)
■Low Decibel (a sound level below 85 dB(A) and fulfillment of requirements of the EU Machine Directive §1.5.8 concerning noise reduction demands. Also OSHA 1910.95 (b) (c) requirement
■High Flow
■OSHA Compliant (OSHA STD 01-13-001)
■Ergonomic Handle Design
■Interchangeable Nozzles Available on certain models
■ Anti-Corrosion body
■ Silicon Free

Media	Compressed Air
Working Pressure	1 Mpa for compressed Air
Working Temperature	0 – 60 degree C
Body Material	PP
Metal in use	Spring Stainless steel 304
Sealing in use	Standard NBR

Standard Type

DBG series standard type is cost effective type.

Unit(mm)

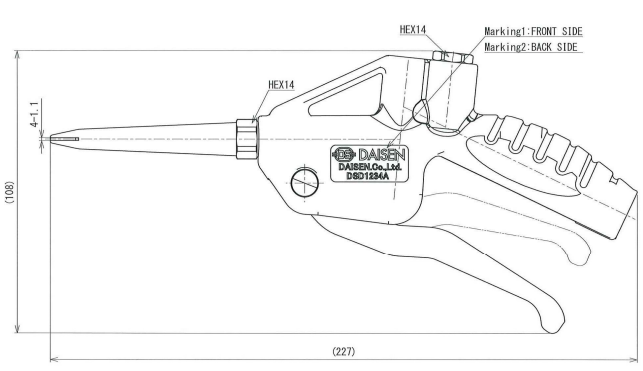
Model	Air Inlet X 2 (Top and Bottom)	A	D	F	H	weight(g)
DBG-1RN	G1/4 Female	52	29	7.5	26	26
DBG-SLN	G1/4 Female	52.5	29	8	26	26

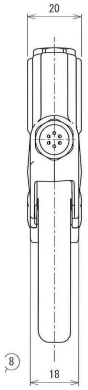
OSHA Compliant Type

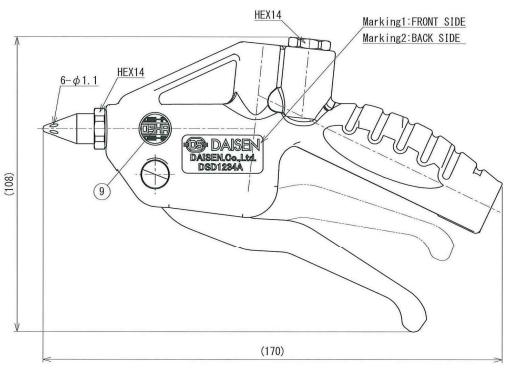
DBG OSHA compliant Type comply OSHA STD 01-13-001, OSHA 1910.95 (b) (c) requirement.
Also complied the EU Machine Directive §1.5.8 concerning noise reduction demands. This is fixed nozzle type.

Unit(mm)

Model	Air Inlet X 2 (Top and Bottom)	A	D	H	weight(g)
DBG-1RN-OSHA	G1/4 Female	52	29	26	30
DBG-SLN-OSHA	G1/4 Female	52	29	26	30
DBG-1RN-OSHA-N	NPT1/4 Female	52	29	26	30
DBG-SLN-OSHA-N	NPT1/4 Female	52	29	26	30







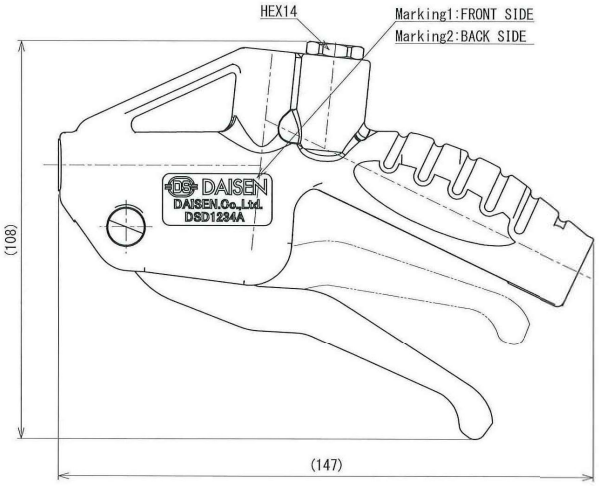
Interchangeable Nozzles Type

DBG Interchangeable Nozzles Type can be used with work safely and efficiently using nozzles fit for the your applications. To use with DBG optional nozzle choosing the proper nozzle for your applications. There is a wide range of nozzles and many are safety nozzles that fulfill and exceed the OSHA requirements in terms of blowing force when dead-ended and noise levels (Note: The removable NOZZLE does not strictly meet OSHA requirements. If a different person were to replace or remove the nozzle, OSHA requirements would not be met.)

DBG Interchangeable Nozzles Type can be fitted with safety nozzles and we always recommend using safety nozzles to maintain a high level of safety.

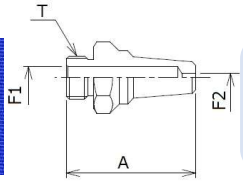
Unit(mm)

Model	Air Inlet X 2 (Top and Bottom)	A	B	C	weight(g)
DBG	G1/4 Female	108	29	26	30
DBG-N	NPT1/4 Female	108	29	26	30



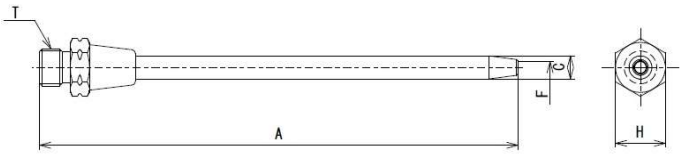
Optional Nozzle

DBG Interchangeable Nozzles Type can be used with several styles nozzles. Various lengths and shape standard nozzles and functional nozzles such as silent decibel, Flow Rate regulate, Flow Amplified, Coanda, Intermittent, Discharge Nozzle and others are available to meet your specific application requirements.



Short Nozzle

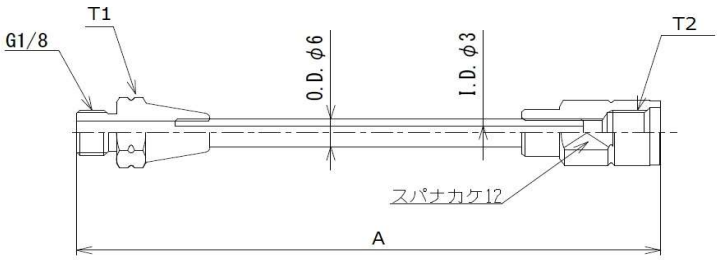
Model	Connection	A	F1	F2	Hex	Material
DN-STN	G1/8	28	5	1.8	14	Brass



Long Nozzle

Model	Connection	A	C	F	Hex	Material
DN-1N	G1/8	100	6	3	13	Brass
DN-3N	G1/8	300	6	3	13	Brass
DN-5N	G1/8	500	6	3	13	Steel

Optional Nozzle

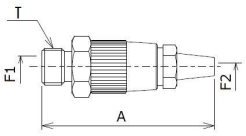


Extension Long Nozzle

Model	Connection T1	Connection T2	A	Material
DN-1N-AD	G1/8	G1/8	100	Brass
DN-3N-AD	G1/8	G1/8	300	Brass
DN-5N-AD	G1/8	G1/8	500	Steel

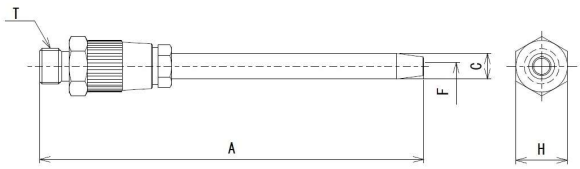
The nozzle end has a G1/8 female thread, it is possible to attach other optional nozzles to the nozzle end.

Functional Nozzle



Short Nozzle with Flow Control

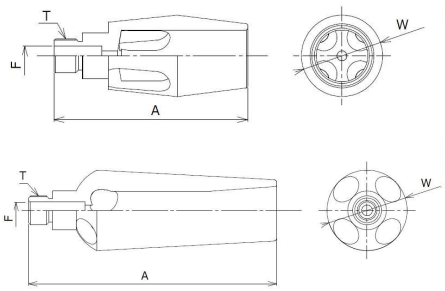
Model	Connection	F1	F2	H	Material
DN-RN	G1/8	5.6	1.8	14	Brass



Long Nozzle with Flow Control

Model	Connection	A	C	F	H	Material
DN-1RN	G1/8	100	7	2	14	Brass
DN-3RN	G1/8	300	7	2	14	Brass
DN-5RN	G1/8	500	5	3	13	Brass

Please use it for applications that require larger flow rate. FSN has a flow rate of approximately 2.5 times, and FMN has a flow rate of approximately 3 times.



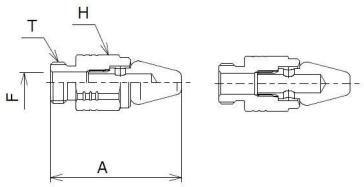
Flow Amplification Nozzle

Model	Connection	A	F	W	Material
FSN	G1/8	55	5.6	23	Aluminum
FMN	G1/8	84	5.6	27	Aluminum

Functional Nozzle

Coanda Nozzle

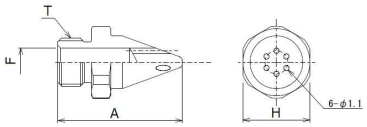
Model	Connection	A	F	H	Material
DN-SN	G1/8	31	5	12	Brass



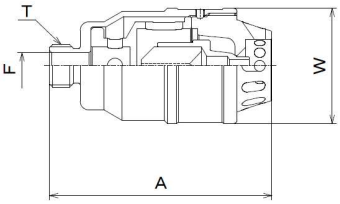
There is no hole at the tip of the nozzle! Due to the Coanda effect, the air ejected from the side of the nozzle is attracted to the nearby wall and concentrated forward.
The compressed air that is actually being discharged gets caught up in the surrounding air, amplifying the amount of air blown. This results in approximately 13% stronger impact due to wind pressure. Additionally, the Coanda effect reduces the rebound of flying objects such as dust and cut chips. Since there is no hole at the tip of the nozzle, the blowing pressure is not concentrated, preventing low-temperature burns that may occur when accidentally coming into contact with the human body (skin) during work.

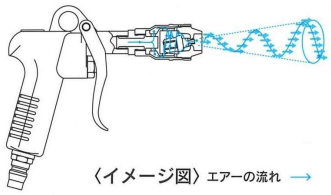
Silent Nozzle

Model	Connection	A	φF	H	Material
DN-SLN	G1/8	26	6	14	Brass



A quiet nozzle with no holes at the tip. It is 20% quieter than our own product FMN. Due to the Coanda effect, the air ejected from the side of the nozzle is attracted to the nearby wall and concentrated forward

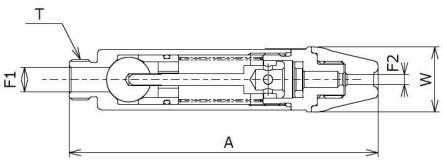


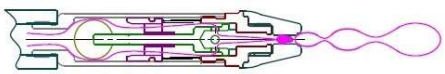


Tornado (Arashi) Nozzle

Model	Connection	A	F	W	Working Pressure	Working Temp. ℃
10K-ARS	G1/8	51	6	26.3	0.4-0.8MPa	5℃～60℃

Best-selling adapter. There is no need to shake the duster from side to side while blowing. Intermittent waves help you efficiently drain water after washing your car, floor mats, etc. For safety consideration, the structure is designed so that the spout does not come into close contact."





Intermittent Discharge Nozzle

Model	Connection	A	F1	F2	W	Working Pressure	Working Temp. ℃
10K-MCR	G1/8	76.5	6	2.5	16	0.4-0.8MPa	5℃～60℃

This patented nozzle utilizes compressed air pressure to automatically and continuously open and close the valve, discharging air intermittently. Since compressed air is continuously and intermittently discharged, there's no need to shake the nozzle while directing it toward the material to be dusted. Dust can be efficiently removed without wasting air. For safety, the structure is designed so that the spout does not come into close contact.