

DSF1000 series A type

■ Screw Feeder NKBIDA

Features

The smallest ever and space saving.

- Prompt and steady screw feeding minimizes the waiting time for the next screw.
- ESD complied design prevents possible damage on electric parts by electrostatic discharge.
- Incorporated power supply adapter saves extra space and enables easy production line layout changes.
- Accepts screws with head thickness up to 0.15 mm.



Specifications

Model	DSF1120A	DSF1140A	DSF1170A	DSF1200A	
Input Voltage	100 V AC, 50/60 Hz	DSF1120A-EN	DSF1140A-EN	DSF1170A-EN	DSF1200A-EN
	115 V AC, 50/60 Hz	DSF1120A-FE	DSF1140A-FE	DSF1170A-FE	DSF1200A-FE
	230 V AC, 50/60 Hz	DSF1120A-GE	DSF1140A-GE	DSF1170A-GE	DSF1200A-GE
Nominal Screw Diameter (mm)	ø1.2	ø1.4	ø1.7	ø2	
Tank Capacity *	1,000 pcs.	700 pcs.	400 pcs.	350 pcs.	
Screw Feed Speed	Less than one second per piece				
Dimensions (mm)	W45 x D170 x H102				
Mass (kg)	1.5				
Power Consumption (W)	Approx. 5				
Shape of Plug for Power Supply	Asia				
Accessories	Hex. Wrench : 1 pc. Power cord : 1 pc. of 2 m				

* The tank capacity is a guideline when the tank is filled up with screws of 5 mm long.

Applicable Screw Size

(Unit: mm)

Nominal Diameter	Head Shape	Head Diameter	Head Thickness	Length	Major Diameter of External Thread
ø1.2	Pan head	ø1.5 - ø2.0	0.15 - 0.50	2 - 5	Up to 1.2
ø1.4		ø1.7 - ø2.7	0.15 - 0.70		Up to 1.4
ø1.7		ø1.9 - ø3.2	0.15 - 0.90		Up to 1.7
ø2		ø2.3 - ø3.5	0.15 - 1.00		Up to 2.0
ø1.2	Countersunk head	ø1.5 - ø2.0	0.15 - 0.50	3 - 5	Up to 1.2
ø1.4		ø1.7 - ø2.7	0.15 - 0.70		Up to 1.4
ø1.7		ø1.9 - ø3.2	0.15 - 0.90		Up to 1.7
ø2		ø2.3 - ø4.2	0.15 - 1.30		Up to 2.0

* The tank capacity is a guideline when the tank is filled up with screws of 5 mm long.

Optional Expansion Tank

Part No.	TD04943			
Tank Capacity *	for DSF1120 6,000 pcs.	for DSF1140 4,000 pcs.	for DSF1170 2,400 pcs.	for DSF1200 2,000 pcs.

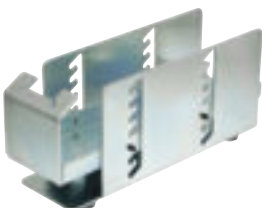
* The tank capacity is a guideline when the tank is filled up with screws of 5 mm long.



The total tank capacity can be increased by mounting optional screw container on top.



Example of use



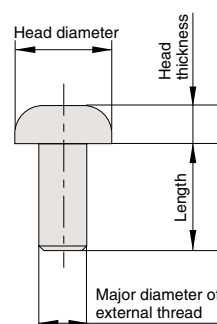
Screw tray

The tray for receiving the screws dropped from the bit guide. The body height adjustment can be done at 10 mm interval. (Possible to tilt the front body forward)

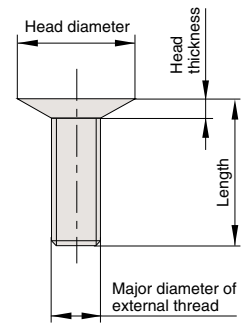


Example of use

● Pan Head

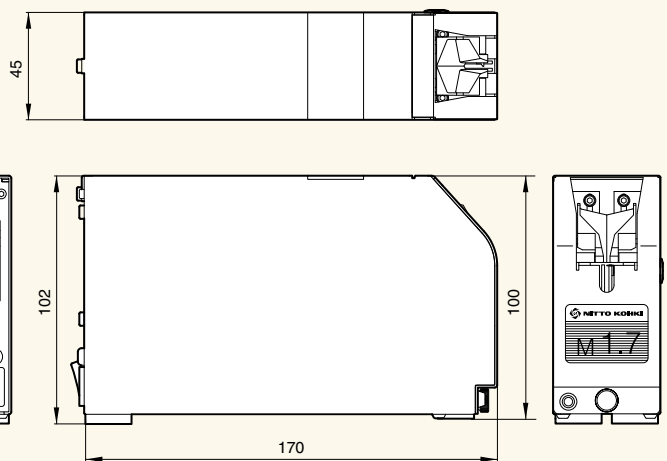


● Countersunk Head



External Dimensions

● DSF1000A series



Unit: mm