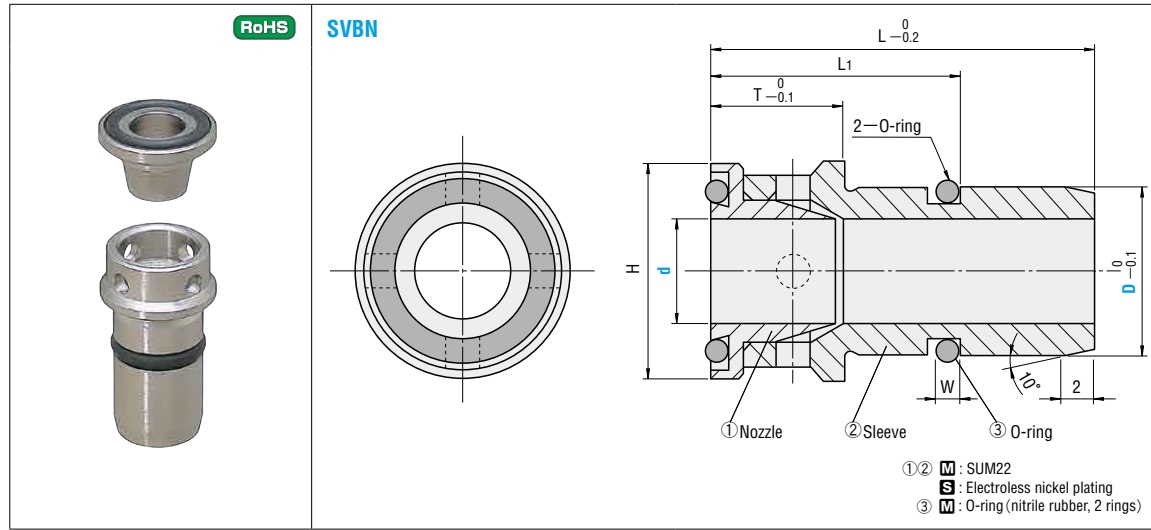


SCRAP VACUUM UNITS

Patent pending



H	L	L1	T	O-ring		Catalog No.		Base unit price 1~9 pieces	
				Thickness W	Designation No.	Type	D		d
8	18	13	8	1	5	SVBN	6	3	Quotation
11	25	15					8	4	
13	25						10	6	
16	30						14	9	
19	35						18	12	
23	40							16	

Order **Catalog No.** — **d**
SVBN 10 — 6

Days to Ship **Quotation**

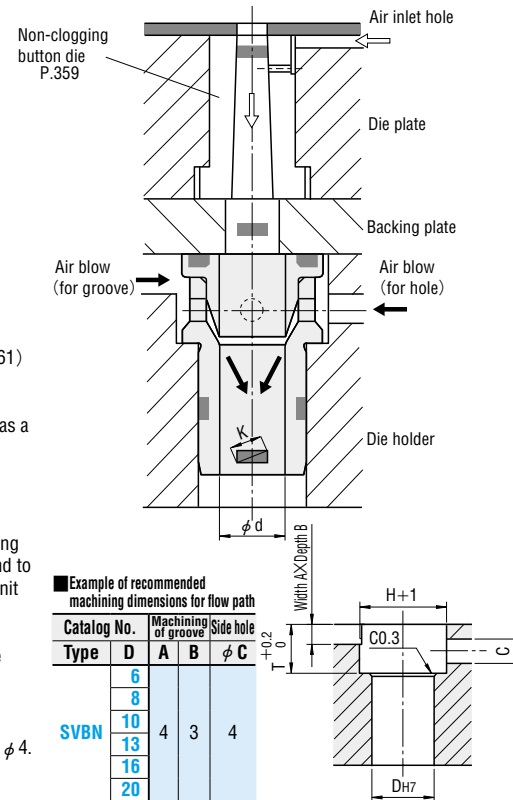
Price **Quotation**

Features

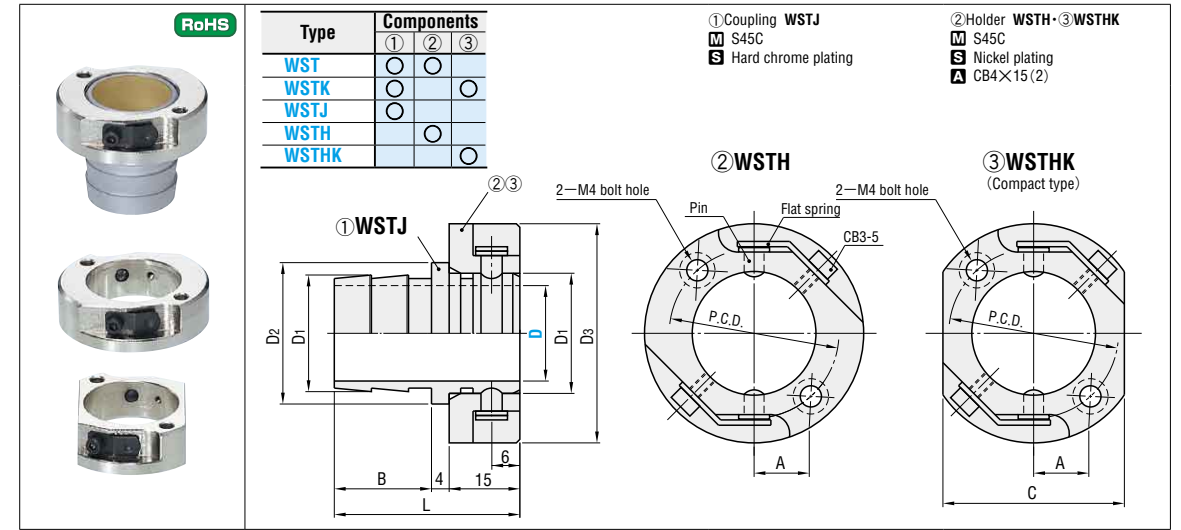
- The scrap vacuum unit utilizes an air blow (compressed air) to create negative pressure inside the die, pulling the punching scrap (product) downward, and preventing clogging and scrap lifting.
- Greater effects can be achieved when a non-clogging button die with air inlet (P.361) is used. (For details, refer to PRODUCTS DATA on P.1621.)
- Two types of air supply can be selected: a machined groove, or a machined hole.
- Because this type is embedded in the die holder, it can be installed at a later time as a countermeasure to scrap lifting or scrap clogging.

Precautions

- When multiple scrap vacuum units are used together, ensure that the airflow paths are equal. In this case the flow speed will decrease, decreasing the vacuum. The vacuum is proportional to the pressure of the compressed air and to the cross-sectional area of the flow path, and inversely proportional to the blow unit diameter D and to the length of the flow path.
- Use under conditions such that the punching scrap size $K \leq d - 3$.
- Although this unit can be used to prevent scrap lifting and clogging, it may not be able to resolve these problems under all conditions.
- Chamfer the die holder in order to prevent damage to the O-ring when the scrap vacuum is inserted.
- Use a hose with a minimum outer diameter of $\phi 6$ and a minimum inner diameter of $\phi 4$.



PRODUCT SHOOTERS



Hose inner dia. D1	D2	D3	P.C.D.	A	B	L	C	Catalog No.		Base unit price 1~9 pieces				
								Type	D	WST	WSTK	WSTJ	WSTH	WSTHK
19	24	39	29	10	21	40	30	WST	(Set of ①, ②)	15				
25	30	45	35					WSTK	(Set of ①, ③)	20				
32	37	52	42	12			37	WSTJ	(① only)	27				
38	43	58	48					WSTH	(② only)	33				
45	50	65	55	14	26	45	50	WSTH	(② only)	40				
50	55	70	60					WSTHK	(③ only)	45				

Order **Catalog No.**
WST 20

Days to Ship **Quotation**

Price **Quotation**

Features

- Convenient for use in separating the product from other scrap at locations where the punched-out piece becomes the product.
- This unit can also be used as a countermeasure to prevent scrap lifting and clogging.
- Because these units can be installed or removed with a single touch, die replacement is easy.
- The special structure makes these units extremely compact.

Precautions

- Check the coupling installation before beginning pressing work.
- Use commercially available hoses and hose bands.

