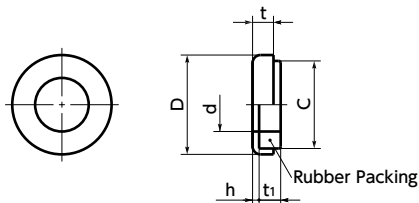


SWS Seal washer *New Variation Added*



WEB Selection Tool WEB CAD Download SUS Stainless steel



● Material/Finish

RoHS Compliant

	SWS	SWS-F	SWS-E	SWS-S
Main unit	SUS304	SUS304	SUS304	SUS304
Rubber Packing	NBR	Fluoro-rubber	EPDM	Silicone rubber

- Seal washer incorporating rubber packing in a stainless steel washer.
- Prevents air/liquid leakage from the seating surface of the screw head.
- During screw tightening, the rubber bonds with the screw thread to make the seal rather than slipping out of place.
- Four types of material are used in the rubber packing. They can be selected by the end symbol of the part number.

End Symbol	Rubber Packing Material	Characteristics	Allowable Operating Temperature
No	NBR	Standard	120°C
F	Fluoro-rubber	Chemical-proof/heat-resistance/ ozone resistance	200°C
E	EPDM	Weather resistance/water resistance/ ozone resistance	120°C
S	Silicone rubber	Heat-resistance/cold-resistance/ electrical insulation	180°C

● Application

Seal ring
Oil hydraulic equipment / Pneumatic device

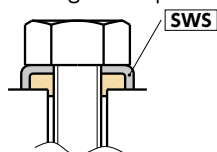
SWS Rubber packing: NBR **SWS-F** Rubber packing: Fluoro-rubber
SWS-E Rubber packing: EPDM **SWS-S** Rubber packing: Silicone rubber

Part Number NBR	Part Number Fluoro-rubber	Part Number EPDM	Part Number Silicone rubber	Nominal	d	D	h	t	t ₁	C	Mass (g)	Qty per pack
SWS-3	SWS-3-F	SWS-3-E	SWS-3-S	3	3.2	7	0.5	2.2	2.2	6.3	0.2	10
SWS-4	SWS-4-F	SWS-4-E	SWS-4-S	4	4.2	8	0.5	2.1	2.3	7.2	0.2	10
SWS-5	SWS-5-F	SWS-5-E	SWS-5-S	5	5.2	9.5	0.8	2.7	2.8	8.2	0.6	10
SWS-6	SWS-6-F	SWS-6-E	SWS-6-S	6	6.2	11.5	1	3	3	9.8	1	10
SWS-8	SWS-8-F	SWS-8-E	SWS-8-S	8	8.2	15.2	1	3.2	3.3	13.4	1.8	5
SWS-10	SWS-10-F	SWS-10-E	SWS-10-S	10	10.2	18	1.5	4	3.8	15.1	3.2	5
SWS-12	SWS-12-F	SWS-12-E	SWS-12-S	12	14.2	24	1.5	4.8	4.6	21.1	6.6	5
SWS-16	SWS-16-F	SWS-16-E	SWS-16-S	16	18.8	30	2	5.3	4.8	26.2	11	5

Unit : mm

* The minimum order quantity is 1 piece. → P.xxxx

● Usage example



● Part number specification

SWS-10-F



Place order by a bag.
The minimum order quantity is 1 piece. → P.xxxx

Individual Sales → P.xxxx	Cleanroom Wash & Packaging → P.xxxx	Screw Length Adjustment → P.xxxx	Vibration Resistant → P.xxxx	Modification process for captive use → P.xxxx
Available / Add'l charge	Not Available	Not Available	Not Available	Not Available