

*D=less than 20: C0.2 or less
D=20 or more: C0.5 or less

● Material/Finish



	SWA-AWEL
Main Body	Equivalent to S45C Electroless Nickel Plating



- There is a variety of outside diameters and thickness relative to normal plain washers.
- For securing seating surface on the long hole position and engagement of materials with low marginal seating surface pressure such as aluminum and resin.
- As a collar and a spacer, it can adjust the cumulative error in assembly.

● Application

Height adjustment / Seating surface fall prevention

Part Number	d	D	t					Mass (g)	Qty per Pack
			1	1.5	2	3	5		
SWA-2-8-AWEL	2	8	●		●			0.38 - 0.75	10
SWA-3-8-AWEL	3	8	●		●			0.35 - 0.69	10
SWA-3-10-AWEL	3	10	●		●			0.56 - 1.1	10
SWA-3-12-AWEL	3	12	●		●			0.83 - 1.7	10
SWA-3-15-AWEL	3	15	●		●			1.3 - 2.7	10
SWA-4-8-AWEL	4	8	●	●	●			0.3 - 0.6	10
SWA-4-10-AWEL	4	10	●		●	●		0.53 - 1.6	10
SWA-4-12-AWEL	4	12	●		●	●	●	0.8 - 3.9	10
SWA-4-15-AWEL	4	15	●		●	●	●	1.3 - 6.4	10
SWA-4-16-AWEL	4	16	●		●	●	●	1.5 - 7.4	10
SWA-4-18-AWEL	4	18	●		●	●	●	1.9 - 9.5	10
SWA-4-20-AWEL	4	20			●	●	●	4.7 - 12	10
SWA-4-25-AWEL	4	25			●	●	●	7.5 - 19	10
SWA-5-8-AWEL	5	8	●	●	●			0.25 - 0.49	10
SWA-5-10-AWEL	5	10	●		●	●		0.47 - 1.4	10
SWA-5-12-AWEL	5	12	●		●	●	●	0.74 - 3.7	10
SWA-5-15-AWEL	5	15	●		●	●	●	1.2 - 6.2	10
SWA-5-16-AWEL	5	16	●		●	●	●	1.4 - 7.1	10
SWA-5-18-AWEL	5	18	●		●	●	●	1.8 - 9.2	10
SWA-5-20-AWEL	5	20	●		●	●	●	2.3 - 12	10
SWA-5-25-AWEL	5	25			●	●	●	7.4 - 18	10

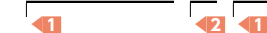
- When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

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

Part Number	d	D	t					Mass (g)	Qty per Pack
			1	1.5	2	3	5		
SWA-6-8-AWEL	6	8	●	●	●			0.17 - 0.34	10
SWA-6-10-AWEL	6	10	●		●	●		0.4 - 1.2	10
SWA-6-12-AWEL	6	12	●		●	●		0.68 - 3.3	10
SWA-6-15-AWEL	6	15	●		●	●	●	1.2 - 5.8	10
SWA-6-16-AWEL	6	16	●		●	●	●	1.4 - 6.8	10
SWA-6-18-AWEL	6	18	●		●	●	●	1.8 - 8.9	10
SWA-6-20-AWEL	6	20	●		●	●	●	2.3 - 11	10
SWA-6-25-AWEL	6	25	●		●	●	●	3.6 - 18	10
SWA-6-30-AWEL	6	30			●	●	●	11 - 27	10
SWA-8-12-AWEL	8	12	●		●	●	●	0.49 - 2.5	10
SWA-8-15-AWEL	8	15			●	●	●	2 - 5	10
SWA-8-16-AWEL	8	16			●	●	●	2.4 - 6	10
SWA-8-18-AWEL	8	18			●	●	●	3.2 - 8	10
SWA-8-20-AWEL	8	20			●	●	●	4.2 - 10	10
SWA-8-25-AWEL	8	25			●	●	●	7 - 17	10
SWA-8-30-AWEL	8	30			●	●	●	10 - 26	10
SWA-10-12-AWEL	10	12	●		●	●	●	0.27 - 1.4	10
SWA-10-15-AWEL	10	15			●	●	●	1.5 - 3.8	10
SWA-10-16-AWEL	10	16			●	●	●	1.9 - 4.8	10
SWA-10-18-AWEL	10	18			●	●	●	2.8 - 6.9	10
SWA-10-20-AWEL	10	20			●	●	●	3.7 - 9.3	10
SWA-10-25-AWEL	10	25				●	●	9.8 - 16	10
SWA-10-30-AWEL	10	30				●	●	15 - 25	10
SWA-10-35-AWEL	10	35				●	●	21 - 35	10
SWA-10-40-AWEL	10	40				●	●	28 - 46	10
SWA-10-50-AWEL	10	50				●	●	44 - 74	10
SWA-12-16-AWEL	12	16				●	●	2.1 - 3.5	10
SWA-12-18-AWEL	12	18			●	●	●	2.2 - 5.5	10
SWA-12-20-AWEL	12	20			●	●	●	3.2 - 8	10
SWA-12-25-AWEL	12	25				●	●	9 - 15	10
SWA-12-30-AWEL	12	30				●	●	14 - 23	10
SWA-12-35-AWEL	12	35				●	●	20 - 33	10
SWA-12-40-AWEL	12	40				●	●	27 - 45	10
SWA-12-50-AWEL	12	50				●	●	44 - 73	10
SWA-16-20-AWEL	16	20			●	●	●	1.8 - 4.5	10
SWA-16-25-AWEL	16	25				●	●	6.9 - 11	10
SWA-16-30-AWEL	16	30				●	●	12 - 20	10
SWA-16-35-AWEL	16	35				●	●	18 - 30	10
SWA-16-40-AWEL	16	40				●	●	25 - 41	10
SWA-16-50-AWEL	16	50				●	●	41 - 69	10
SWA-20-35-AWEL	20	35				●	●	15 - 25	10
SWA-20-40-AWEL	20	40				●	●	22 - 37	10
SWA-20-50-AWEL	20	50				●	●	39 - 65	10

- When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

● Part Number Specification

SWA-2-8-1-AWEL

For t dimension, select from the sizes marked with ● in the table.