



*D=16 or less : C0.2 or less
D=20 or more : C0.5 or less



- 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

• Material/Finish



	SWA-AWEL
Main Body	Equivalent to S45C Electroless Nickel Plating

Part Number	d 1	D 2	t 3					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-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 - 2.4	10
SWA-4-15-AWEL	4	15			●	●		2.6 - 3.9	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 - 2.2	10
SWA-5-15-AWEL	5	15			●	●		2.5 - 3.7	10
SWA-5-16-AWEL	5	16			●	●		2.9 - 4.3	10
SWA-5-20-AWEL	5	20	●		●			2.3 - 4.7	10
SWA-6-10-AWEL	6	10	●		●	●		0.4 - 1.2	10
SWA-6-12-AWEL	6	12	●		●	●		0.68 - 2	10
SWA-6-15-AWEL	6	15			●	●		2.4 - 3.5	10
SWA-6-16-AWEL	6	16			●	●	●	2.7 - 6.8	10
SWA-6-20-AWEL	6	20	●		●	●	●	2.3 - 11	10
SWA-6-25-AWEL	6	25			●	●	●	7.3 - 18	10

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

Part Number	d 1	D 2	t 3					Mass (g)	Qty per pack
			1	1.5	2	3	5		
SWA-8-12-AWEL	8	12			●	●	●	1 - 2.5	10
SWA-8-16-AWEL	8	16			●	●	●	2.4 - 6	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			●	●	●	0.55 - 1.4	10
SWA-10-16-AWEL	10	16				●	●	2.9 - 4.8	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-12-16-AWEL	12	16				●	●	2.1 - 3.5	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-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

• 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

Product Code **1** **2** **3** Product Code

For **3** t dimension, select from the sizes marked with ● in the table.

Individual Sales → P.0000	Cleanroom Wash & Packaging → P.0000	Screw Length Adjustment → P.0000	Vibration Resistant → P.0000	Modification process for captive use → P.0000
Available / Add'l charge	Available / Add'l charge	Not Available	Not Available	Not Available