



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

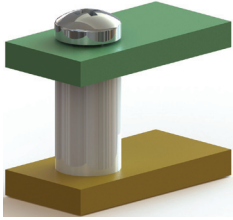
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

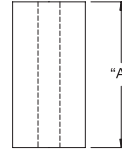
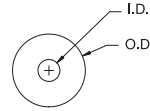
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**SWS**  
Round Nylon Spacer



- Resistant to corrosion and many chemicals
- Available for standard imperial thread sizes



Material: Nylon, Color: Natural Standard Pack: 1,000 per bag						
Part No.	I.D.	O.D.	"A" Length	Fits Screw		
SWS0010A	.091 (2.3)	.187 (4.7)	.125 (3.2)	#2 (M2)		
SWS0020A			.187 (4.7)			
SWS0030A			.250 (6.4)			
SWS0040A			.312 (7.9)			
SWS0050A			.375 (9.5)			
SWS0060A			.437 (11.1)			
SWS0070A		.500 (12.7)				
SWS0080A		.250 (6.4)	.187 (4.7)		.125 (3.2)	
SWS0090A					.187 (4.7)	
SWS0100A					.250 (6.4)	
SWS0110A					.312 (7.9)	
SWS0120A					.375 (9.5)	
SWS0130A					.437 (11.1)	
SWS0140A		.500 (12.7)				
SWS0150A		.750 (19.1)				
SWS0160A		.875 (22.2)				
SWS0170A	.115 (2.9)	.187 (4.7)	.125 (3.2)	#4 (M2.5)		
SWS0180A			.187 (4.7)			
SWS0190A			.250 (6.4)			
SWS0200A			.312 (7.9)			
SWS0210A			.375 (9.5)			
SWS0220A			.437 (11.1)			
SWS0230A		.500 (12.7)				
SWS0240A		.625 (15.9)				
SWS0250A		.750 (19.1)				
SWS0260A		.875 (22.2)				
SWS0270A		1.000 (25.4)				
SWS0280A		.250 (6.4)	.312 (7.9)		.125 (3.2)	
SWS0290A					.187 (4.7)	
SWS0300A					.250 (6.4)	
SWS0310A					.312 (7.9)	
SWS0320A					.375 (9.5)	
SWS0330A	.437 (11.1)					
SWS0340A	.500 (12.7)					
SWS0350A	.625 (15.9)					
SWS0360A	.750 (19.1)					
SWS0370A	.875 (22.2)					
SWS0380A	.140 (3.6)	.312 (7.9)	.125 (3.2)	#6 (M3.5)		
SWS0390A			.187 (4.7)			
SWS0400A			.250 (6.4)			
SWS0410A			.312 (7.9)			
SWS0420A			.375 (9.5)			
SWS0430A			.437 (11.1)			
SWS0440A		.500 (12.7)				
SWS0450A		.562 (14.3)				
SWS0460A		.625 (15.9)				
SWS0480A		.171 (4.3)	.250 (6.4)		.125 (3.2)	#8 (M4)
SWS0490A					.187 (4.7)	
SWS0500A					.250 (6.4)	
SWS0510A					.312 (7.9)	
SWS0520A					.375 (9.5)	
SWS0530A					.437 (11.1)	
SWS0540A			.500 (12.7)			
SWS0550A	.562 (14.3)					
SWS0560A	.625 (15.9)					
SWS0570A	.687 (17.4)					
SWS0580A	.140 (3.6)		.375 (9.5)	.125 (3.2)	#6 (M3.5)	
SWS0590A				.187 (4.7)		
SWS0600A				.250 (6.4)		
SWS0610A				.312 (7.9)		
SWS0620A				.375 (9.5)		
SWS0630A				.437 (11.1)		
SWS0640A		.500 (12.7)				
SWS0650A		.625 (15.9)				
SWS0660A		.750 (19.1)				
SWS0670A		.812 (20.6)				
SWS0680A		.937 (23.8)				
SWS0690A		1.000 (25.4)				
SWS0700A		.500 (12.7)	.312 (7.9)	.125 (3.2)		
SWS0710A				.187 (4.7)		
SWS0720A				.250 (6.4)		
SWS0730A				.312 (7.9)		
SWS0740A	.375 (9.5)					
SWS0750A	.437 (11.1)					
SWS0760A	.500 (12.7)					
SWS0770A	.625 (15.9)					
SWS0780A	.750 (19.1)					
SWS0790A	.812 (20.6)					
SWS0800A	.937 (23.8)					
SWS0810A	1.000 (25.4)					
SWS0820A	.171 (4.3)	.250 (6.4)	.125 (3.2)	#8 (M4)		
SWS0830A			.187 (4.7)			
SWS0840A			.250 (6.4)			
SWS0850A			.312 (7.9)			
SWS0860A			.375 (9.5)			
SWS0870A			.437 (11.1)			
SWS0880A		.500 (12.7)				
SWS0890A		.562 (14.3)				
SWS0900A		.625 (15.9)				
SWS0910A		.750 (19.1)				
SWS0920A		.812 (20.6)				
SWS0930A		.937 (23.8)				
SWS0940A		1.000 (25.4)				
SWS0950A		.312 (7.9)	.312 (7.9)		.125 (3.2)	
SWS0960A					.187 (4.7)	
SWS0970A					.250 (6.4)	
SWS0980A	.312 (7.9)					
SWS0990A	.375 (9.5)					
SWS1000A	.437 (11.1)					
SWS1010A	.500 (12.7)					
SWS1020A	.562 (14.3)					
SWS1030A	.625 (15.9)					
SWS1040A	.750 (19.1)					
SWS1050A	.812 (20.6)					
SWS1060A	.937 (23.8)					
SWS1070A	1.000 (25.4)					
SWS1080A	.312 (7.9)	.312 (7.9)	.125 (3.2)			
SWS1090A			.187 (4.7)			
SWS1100A			.250 (6.4)			
SWS1110A			.312 (7.9)			
SWS1120A			.375 (9.5)			
SWS1130A			.437 (11.1)			
SWS1140A	.500 (12.7)					

Material: Nylon, Color: Natural Standard Pack: 1,000 per bag						
Part No.	I.D.	O.D.	"A" Length	Fits Screw		
SWS0010A	.091 (2.3)	.187 (4.7)	.125 (3.2)	#2 (M2)		
SWS0020A			.187 (4.7)			
SWS0030A			.250 (6.4)			
SWS0040A			.312 (7.9)			
SWS0050A			.375 (9.5)			
SWS0060A			.437 (11.1)			
SWS0070A		.500 (12.7)				
SWS0080A		.250 (6.4)	.187 (4.7)		.125 (3.2)	
SWS0090A					.187 (4.7)	
SWS0100A					.250 (6.4)	
SWS0110A					.312 (7.9)	
SWS0120A					.375 (9.5)	
SWS0130A					.437 (11.1)	
SWS0140A		.500 (12.7)				
SWS0150A		.750 (19.1)				
SWS0160A		.875 (22.2)				
SWS0170A	.115 (2.9)	.187 (4.7)	.125 (3.2)	#4 (M2.5)		
SWS0180A			.187 (4.7)			
SWS0190A			.250 (6.4)			
SWS0200A			.312 (7.9)			
SWS0210A			.375 (9.5)			
SWS0220A			.437 (11.1)			
SWS0230A		.500 (12.7)				
SWS0240A		.625 (15.9)				
SWS0250A		.750 (19.1)				
SWS0260A		.875 (22.2)				
SWS0270A		1.000 (25.4)				
SWS0280A		.250 (6.4)	.312 (7.9)		.125 (3.2)	
SWS0290A					.187 (4.7)	
SWS0300A					.250 (6.4)	
SWS0310A					.312 (7.9)	
SWS0320A					.375 (9.5)	
SWS0330A	.437 (11.1)					
SWS0340A	.500 (12.7)					
SWS0350A	.625 (15.9)					
SWS0360A	.750 (19.1)					
SWS0370A	.875 (22.2)					
SWS0380A	.140 (3.6)	.312 (7.9)	.125 (3.2)	#6 (M3.5)		
SWS0390A			.187 (4.7)			
SWS0400A			.250 (6.4)			
SWS0410A			.312 (7.9)			
SWS0420A			.375 (9.5)			
SWS0430A			.437 (11.1)			
SWS0440A		.500 (12.7)				
SWS0450A		.562 (14.3)				
SWS0460A		.625 (15.9)				
SWS0480A		.171 (4.3)	.250 (6.4)		.125 (3.2)	#8 (M4)
SWS0490A					.187 (4.7)	
SWS0500A					.250 (6.4)	
SWS0510A					.312 (7.9)	
SWS0520A					.375 (9.5)	
SWS0530A					.437 (11.1)	
SWS0540A			.500 (12.7)			
SWS0550A	.562 (14.3)					
SWS0560A	.625 (15.9)					
SWS0570A	.687 (17.4)					
SWS0580A	.140 (3.6)		.375 (9.5)	.125 (3.2)	#6 (M3.5)	
SWS0590A				.187 (4.7)		
SWS0600A				.250 (6.4)		
SWS0610A				.312 (7.9)		
SWS0620A				.375 (9.5)		
SWS0630A				.437 (11.1)		
SWS0640A		.500 (12.7)				
SWS0650A		.625 (15.9)				
SWS0660A		.750 (19.1)				
SWS0670A		.812 (20.6)				
SWS0680A		.937 (23.8)				
SWS0690A		1.000 (25.4)				
SWS0700A		.500 (12.7)	.312 (7.9)	.125 (3.2)		
SWS0710A				.187 (4.7)		
SWS0720A				.250 (6.4)		
SWS0730A				.312 (7.9)		
SWS0740A	.375 (9.5)					
SWS0750A	.437 (11.1)					
SWS0760A	.500 (12.7)					
SWS0770A	.625 (15.9)					
SWS0780A	.750 (19.1)					
SWS0790A	.812 (20.6)					
SWS0800A	.937 (23.8)					
SWS0810A	1.000 (25.4)					
SWS0820A	.171 (4.3)	.250 (6.4)	.125 (3.2)	#8 (M4)		
SWS0830A			.187 (4.7)			
SWS0840A			.250 (6.4)			
SWS0850A			.312 (7.9)			
SWS0860A			.375 (9.5)			
SWS0870A			.437 (11.1)			
SWS0880A		.500 (12.7)				
SWS0890A		.562 (14.3)				
SWS0900A		.625 (15.9)				
SWS0910A		.750 (19.1)				
SWS0920A		.812 (20.6)				
SWS0930A		.937 (23.8)				
SWS0940A		1.000 (25.4)				
SWS0950A		.312 (7.9)	.312 (7.9)		.125 (3.2)	
SWS0960A					.187 (4.7)	
SWS0970A					.250 (6.4)	
SWS0980A	.312 (7.9)					
SWS0990A	.375 (9.5)					
SWS1000A	.437 (11.1)					
SWS1010A	.500 (12.7)					
SWS1020A	.562 (14.3)					
SWS1030A	.625 (15.9)					
SWS1040A	.750 (19.1)					
SWS1050A	.812 (20.6)					
SWS1060A	.937 (23.8)					
SWS1070A	1.000 (25.4)					
SWS1080A	.312 (7.9)	.312 (7.9)	.125 (3.2)			
SWS1090A			.187 (4.7)			
SWS1100A			.250 (6.4)			
SWS1110A			.312 (7.9)			
SWS1120A			.375 (9.5)			
SWS1130A			.437 (11.1)			
SWS1140A	.500 (12.7)					



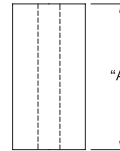
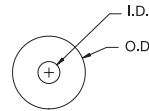
Continued ...



**SWS**  
Round Nylon Spacer



- Resistant to corrosion and many chemicals
- Available for standard imperial thread sizes



Material: Nylon, Color: Natural Standard Pack: 1,000 per bag							
Part No.	I.D.	O.D.	"A" Length	Fits Screw			
SWS1140A	.171 (4.3)	.312 (7.9)	.625 (15.9)	#8 (M4)			
SWS1150A			.750 (19.1)				
SWS1160A			.812 (20.6)				
SWS1170A			.875 (22.2)				
SWS1180A			.937 (23.8)				
SWS1190A			1.000 (25.4)				
SWS1200A			.375 (9.5)		.500 (12.7)	.125 (3.2)	
SWS1210A						.187 (4.7)	
SWS1220A						.250 (6.4)	
SWS1230A						.312 (7.9)	
SWS1240A						.375 (9.5)	
SWS1250A						.437 (11.1)	
SWS1260A		.500 (12.7)					
SWS1270A		.562 (14.3)					
SWS1280A		.625 (15.9)					
SWS1290A		.687 (17.4)					
SWS1300A		.750 (19.1)					
SWS1310A		.812 (20.6)					
SWS1320A		.875 (22.2)					
SWS1330A		.937 (23.8)					
SWS1340A		1.000 (25.4)					
SWS1350A		.500 (12.7)				.500 (12.7)	.125 (3.2)
SWS1360A							.187 (4.7)
SWS1370A							.250 (6.4)
SWS1380A			.312 (7.9)				
SWS1390A			.375 (9.5)				
SWS1400A			.437 (11.1)				
SWS1410A			.500 (12.7)				
SWS1420A			.562 (14.3)				
SWS1430A			.625 (15.9)				
SWS1440A			.687 (17.4)				
SWS1450A			.750 (19.1)				
SWS1460A			.812 (20.6)				
SWS1470A		.875 (22.2)					
SWS1480A		.937 (23.8)					
SWS1490A		1.000 (25.4)					
SWS1500A	.194 (4.9)	.312 (7.9)	.125 (3.2)				
SWS1510A			.187 (4.7)				
SWS1520A			.250 (6.4)				
SWS1530A			.312 (7.9)				
SWS1540A			.375 (9.5)				
SWS1550A			.437 (11.1)				
SWS1560A			.500 (12.7)				
SWS1570A			.562 (14.3)				
SWS1580A			.625 (15.9)				
SWS1590A			.687 (17.4)				
SWS1600A			.750 (19.1)				
SWS1610A			.812 (20.6)				
SWS1620A		.875 (22.2)					
SWS1630A		.937 (23.8)					
SWS1640A		1.000 (25.4)					
SWS1650A		.375 (9.5)	.500 (12.7)	.125 (3.2)			
SWS1660A				.187 (4.7)			
SWS1670A				.250 (6.4)			
SWS1680A				.312 (7.9)			
SWS1690A				.375 (9.5)			

Material: Nylon, Color: Natural Standard Pack: 1,000 per bag						
Part No.	I.D.	O.D.	"A" Length	Fits Screw		
SWS1700A	.194 (4.9)	.375 (9.5)	.437 (11.1)	#10 (M4)		
SWS1710A			.500 (12.7)			
SWS1720A			.562 (14.3)			
SWS1730A			.625 (15.9)			
SWS1740A			.687 (17.4)			
SWS1750A			.750 (19.1)			
SWS1760A			.812 (20.6)			
SWS1770A			.875 (22.2)			
SWS1780A			.937 (23.8)			
SWS1790A			1.000 (25.4)			
SWS1810A			.500 (12.7)		.500 (12.7)	.125 (3.2)
SWS1820A						.187 (4.7)
SWS1830A						.250 (6.4)
SWS1840A						.312 (7.9)
SWS1850A						.375 (9.5)
SWS1860A						.437 (11.1)
SWS1870A						.500 (12.7)
SWS1880A						.562 (14.3)
SWS1890A	.625 (15.9)					
SWS1900A	.687 (17.4)					
SWS1910A	.750 (19.1)					
SWS1920A	.812 (20.6)					
SWS1930A	.875 (22.2)					
SWS1940A	.937 (23.8)					
SWS1960A	1.000 (25.4)					
SWS1980A	.219 (5.6)	.500 (12.7)	.125 (3.2)			
SWS1990A			.187 (4.7)			
SWS2000A			.250 (6.4)			
SWS2010A			.375 (9.5)			
SWS2020A			.437 (11.1)			
SWS2030A			.500 (12.7)			
SWS2040A			.562 (14.3)			
SWS2050A			.625 (15.9)			
SWS2060A			.687 (17.4)			
SWS2070A			.750 (19.1)			
SWS2080A			.812 (20.6)			
SWS2090A			.875 (22.2)			
SWS2100A	.937 (23.8)					
SWS2110A	1.000 (25.4)					
SWS2120A	.220 (5.6)	.500 (12.7)	.312 (7.9)			
SWS2160A	.257 (6.5)		.500 (12.7)	.312 (7.9)		
SWS2170A				.375 (9.5)		
SWS2180A				.437 (11.1)		
SWS2200A				.500 (12.7)		
SWS2210A				.562 (14.3)		
SWS2220A				.625 (15.9)		
SWS2230A				.687 (17.4)		
SWS2240A				.937 (23.8)		
SWS2250A				1.000 (25.4)		
SWS2260A				.260 (6.6)	.500 (12.7)	.125 (3.2)
SWS2270A						.187 (4.7)
SWS2280A		.250 (6.4)				
SWS2290A	.750 (19.1)					
SWS2300A	.812 (20.6)					
SWS2310A	.875 (22.2)					