

TERMINAL WASHER SEMS

SCREW AND WASHER ASSEMBLIES



TERMI-LOX®
TERMINAL SEMS



SADDLE CLAMP SEMS



TELECOM DOUBLE
BEVELED SEMS



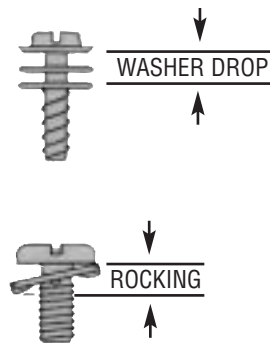
ROKIT™
TERMINAL SEMS

In today's sophisticated world of electromechanical components and controls, consistently reliable electrical contacts are essential to product performance and safety. Shakeproof's design, manufacturing and assembly capabilities provide virtually any type of stamped termination preassembled to any type of screw — including the chip-free Tap/R thread rolling screw. These parts are UL recognized in many applications. With the industry's highest quality control standards, Shakeproof provides dimensionally controlled Terminal Sems for trouble-free automated assembly.

Multiple washer assemblies are available to meet special termination needs. These washers can be flat, dished or bent, smooth or ribbed. Dished or arched washers increase torque absorption and clamp load capability.

Space requirements—such as washer drop and rocking—can be tightly controlled to meet customer's specific termination requirements.

Terminal Sems are available in most head styles and recesses, including cheese heads, Phillips/slotted combinations, milled slots, etc.



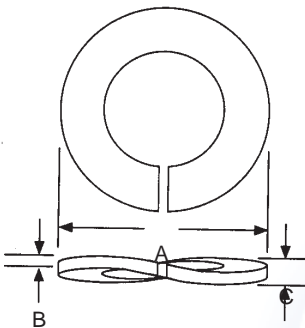
SPAK™ WASHER SEMS

SCREW AND WASHER ASSEMBLIES



Shakeproof's unique Spak Washer is available preassembled to virtually any type of screw. The Spak Washer adds the reactive tension and torque absorption qualities of the wave or spring washer to the sustaining locking tension of the split lock washer.

The Spak Washer is produced as a split washer and is then stamped to form a wave. Because of their ability to absorb shock and vibration, Spak Washer Sems are the lock washer assembly of choice on Asian designed electronic and automotive assemblies. They are used by U.S.-Asian transplant automotive and electronics manufacturers and Tier 1 suppliers to these industries. They function well in limited space applications. With a virtually scrapless manufacturing process, Spak washers are relatively low cost.



SCREW SIZE	WASHER DIMENSIONS (MILLIMETERS)		
	OUTSIDE DIA. A	THICKNESS B	FREE HEIGHT (APPROX.) C
M3*	.224	.024	1.1
M4*	.278	.028	1.3
M5*	.345	.035	1.6
M6	.439	.043	2.0
M8	.555	.112	2.4
M10	.687	.130	2.7
M12*	.799	.152	3.3

*These sizes available on application.
Inch sizes also available on application.

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