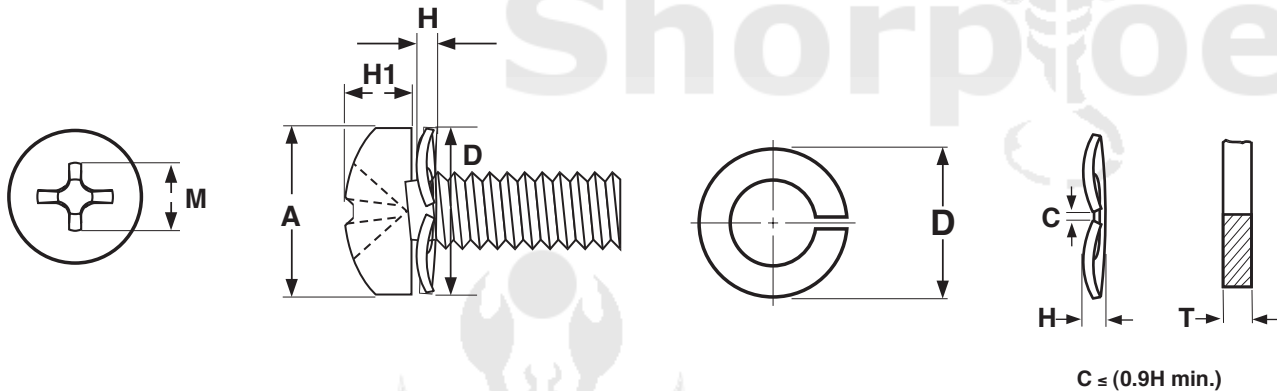


# METRIC FASTENERS

## WASHERS DIN 7985 Pan Phillips w/ DIN 6905 Spring Lock Washer



METRIC - DIN 7985 PAN PHIL SPRING LOCKWASHER SEMS												DIN 7985 DIN 6905
		Machine Screw Dimensions					Spring Lockwasher Dimensions					Phillips Driver Size
Nominal Size	Thread Pitch	A		H1		M	D	H		T		
		Head Diameter		Height of Head		Recess Diameter	Outside Diameter	Free Height		Section Thickness		
		Max	Min	Max	Min	Ref	Max	Max	Min	Max	Min	
M3	0.5	6.00	5.70	2.52	2.28	3.10	5.6	1.3	1.1	0.80	0.60	1
M4	0.7	8.00	7.64	3.25	2.95	4.60	6.95	1.4	1.2	0.90	0.70	2
Tolerance on Length							4mm thru 6mm	± 0.24				
							8mm thru 10mm	± 0.29				
							12mm thru 18 mm	±0.35				
							20mm thru 30 mm	±0.42				

<b>Description</b>	A cross-recessed, pan head machine screw with a free-spinning, captive, spring lockwasher.	
<b>Applications/ Advantages</b>	The washer/screw assembly makes this a locking screw with the washer providing the locking action. Machine pre-assembly provides cost savings to the end user. The spring lockwasher variety is preferred for use with hardened bearing surfaces.	
<b>Component</b>	<i>Screw</i>	<i>Spring Lockwasher</i>
<b>Material</b>	Class 4.8 steel	Spring Steel
<b>Hardness</b>	Rockwell B 71 - 99.5	HV 350 - 425
<b>Tensile Strength</b>	60,900 psi.	-
<b>Plating</b>	Sems are available in a clear zinc finish and baked after plating.	