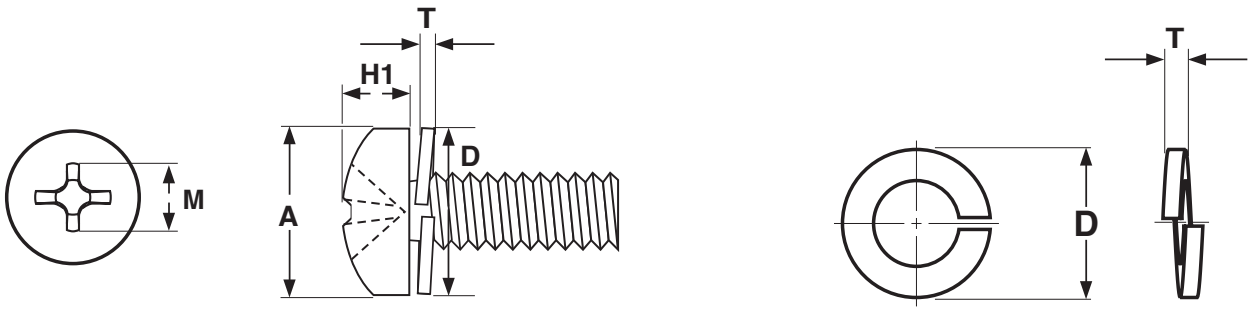
SEMS

DIN 7985 Pan Phillips w/modified DIN 127B Spring Lock Washer



METRIC - DIN 7985 Pan Phil Spring Lockwasher SEMS

DIN 7985
DIN 127B

Machine Screw Dimensions							Spring Lockwasher Dimensions			Phillips Driver Size
Nominal Size	Thread Pitch	A		H1		M	D	T		
		Head Diameter		Height of Head		Recess Diameter	Outside Diameter	Section Thickness		
		Max	Min	Max	Min	Ref	Max	Max	Min	
M3	0.5	6.00	5.70	2.52	2.28	3.10	6.2	0.90	0.70	1
M4	0.7	8.00	7.64	3.25	2.95	4.60	7.6	1.00	0.80	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

Description	A cross-recessed, pan head machine screw with a free-spinning, captive, spring lockwasher.			
Applications/ Advantages	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.		The stainless steel variety of this Sems screw offers the same advantages as its steel counterpart but is desined to be used only with 18-8 or A2 stainless materials.	
Component	***Screw***		***Spring Lockwasher***	
Material	Steel	Stainless	Steel	Stainless
	Class 4.8 steel	18-8 or A2 stainless	Spring Steel	18-8 or A2 stainless
Hardness	Rockwell B 71 - 99.5	-	HV 450 - 530	-
Tensile Strength	60,900 psi.	-	-	-
Plating	Sems are available in a clear zinc finish and baked after plating.		Stainless Sems are typically supplied passivated but without any additional finish.	

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