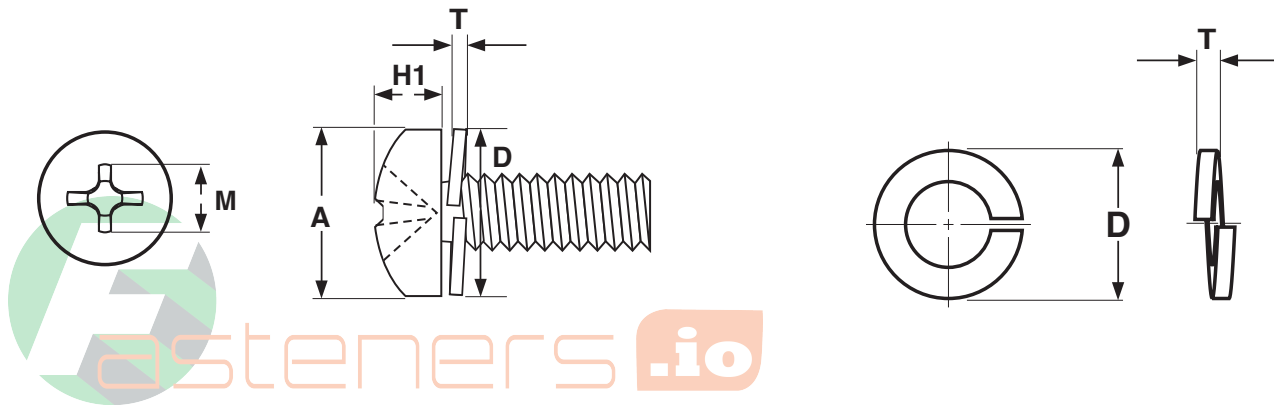


METRIC FASTENERS

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.	
Component	<i>Screw</i>	<i>Spring Lockwasher</i>
Material	Class 4.8 steel	Spring Steel
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.	