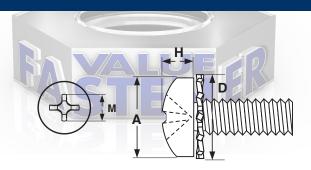
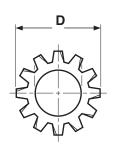
SEMS

ISO 7045 Pan Phillips External Tooth L/W







Machine Screw Dimensions							External Tooth Lockwasher Dimensions				
Nominal Size	Thread Pitch	A Head Diameter		H Height of Head		M Recess Diameter	D Outside Diameter		T1 Material Thickness		Phillips Driver Size
M2	0.4	4.0	3.7	1.60	1.46	1.9	4.5	4.2	0.5	0.27	0
M2.5	0.45	5.00	4.70	2.10	1.96	2.70	5.84	5.59	0.51	0.36	1
МЗ	0.5	5.6	5.3	2.40	2.26	3	6.0	5.82	0.44	0.36	1
M4	0.7	8.00	7.64	3.10	2.92	4.4	8.25	7.75	0.60	0.45	2
M5	0.8	9.50	9.14	3.70	3.52	4.9	10.0	9.6	0.5	0.3	2
M6	1	12	11.57	4.6	4.3	5.9	12.1	11.6	0.75	0.60	3
Tolerance on Length					over 3mm to 6mm			± 0.24			
					over 6mm to 10mm			± 0.29			
					over 10mm to 18 mm			±0.35			
					over 20mm to 30mm			±0.42			

Description	A cross-rece	ssed, pan head machine screw with a	free-spinning, external tooth captive	e lockwasher.		
Applications/ Advantages	The washer/screw assembly makes the providing the locking action. Mach savings to the end user. The external resistance than an in	ine pre-assembly provides cost tooth variety offers greater torsional	Offers same advantages of the steel variety but with superior resistance to corrossion.			
Component	Screw	External Tooth Lockwasher	Screw	External Tooth Lockwasher		
Matarial	Ste	el .	Stainless			
Material	C1008 or equivalent carbon steel	C1050 Carbon Steel	A2 Stainless	A4 Stainless		
Hardness	Rockwell B 67 minimum	410 - 490 HV 5				
Tensile Strength	400 N/mm² (applies to screws with a minimum nominal length of 2.5d where d is the nominal diameter of the screw)		72,500 psi min.			
Plating	Sems are available in a clear zind	c finish and baked after plating.	Parts are usually supplied without a supplemental finish.			