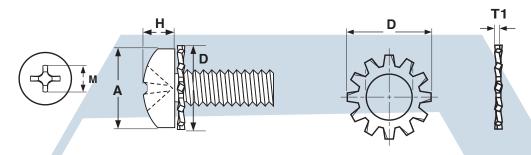
ISO 7045 Pan Phillips External Tooth L/W



METRIC - ISO 7045 PAN PHIL EXTERNAL TOOTH SEMS ISO 7045											
Machine Screw Dimensions						External Tooth Lockwasher Dimensions					
	Thread Pitch	А		Н		М	D Outside Diameter		T1		Phillips Driver Size
Nominal Size		Head Diameter		Height of Head		Recess Diameter			Material Thickness		
		Max	Min	Max	Min	Ref	Max	Min	Max	Min	
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
				over 3mm to 6mm		± 0.24					
Tolerance on Length					over 6mm to 10mm			± C).29		
					over 10mm to 18 mm		±0.35				
				over 20mm to 30mm			±0.42				

Description	A cross-recessed, pan head machine screw with a free-spinning, external tooth captive lockwasher.							
Applications/ Advantages	The washer/screw assembly makes to providing the locking action. Mach savings to the end user. The external resistance than an in	nine 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	pel .	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.					