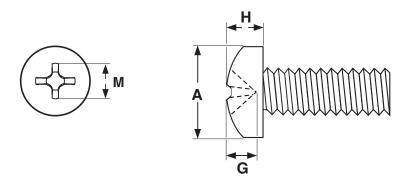
MACHINE SCREWS



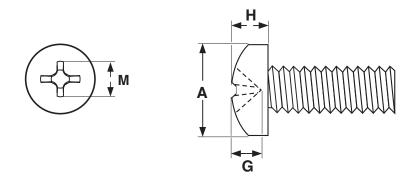
METRIC - JIS-B1111 SMALL PAN HEAD PHILLIPS MACHINE SCREW JIS-B1111										
Nominal Size	Thread Pitch	A Head Diameter		H Height of Head		М	G Recess Gauge Penetration		Phillips Driver Size	
						Recess Diameter				
		Мах	Min	Мах	Min	Ref	Мах	Min	1 1	
M3	0.5	5.5	5.0	2.15	1.85	3.6	1.43	0.86	2	
M4	0.7	7.0	6.5	2.75	2.45	4.2	2.03	1.45	2	
M5	0.8	9.0	8.4	3.45	3.15	4.9	2.73	2.14	2	
M6	1	10.5	9.8	4.1	3.7	6.3	2.86	2.26	3	
						Nominal Screw Length				
Tolerance on Length			Nominal Diameter		4mm or under	Over 4mm to 10mm	Over 10mm to 20mm	Over 20mm to 40mm	Over 40mm	
			M3 and M4		-	-0.6	-0.6	-0.8	-1	
			M5 and M6		-	-0.8	-1	-1	-1	

Description	A pan head, straight shank fastener with a metric thread pitch designed to go through a hole or nut that is pre-tapped to form a mating for the screw. The height and diameter of the pan head are between 5 and 20% smaller than a standard pan head.					
Applications/ Advantages	The "Small Pan" head machine screw per JIS-B1111 is a preferred design for use in small electronic components where there is limited clearance area. The M3 and M4 diameters also meet the requirements of SN 213307 Cheese head screws.					
Material	Class 4.8 machine screws shall be made from a carbon steel, partially or fully annealed as required, which conforms to the following chemical composition <i>Carbon</i> : 0.55% maximum; <i>Phosphorus</i> : 0.05% maximum; <i>Sulfur</i> : 0.06% maximum.					
Hardness	Rockwell B 71 - 99.5 (Vickers HV 130 - 250)					
Tensile Strength	420 N/mm ² minimum					
Plating	Parts are typically provided with a clear zinc finish.					

METRIC FASTENERS

Stainless JIS B1111 Small Pan Head

MACHINE SCREWS



METRIC - JIS-B1111 SMALL PAN HEAD PHILLIPS MACHINE SCREW JIS-B1111									
Nominal Size	Thread Pitch	A Head Diameter		H Height of Head		М	G Recess Gauge Penetration		Phillips Driver Size
						Recess Diameter			
		Мах	Min	Мах	Min	Ref	Мах	Min	1
M3	0.5	5.5	5.0	2.15	1.85	3.6	1.43	0.86	2
M4	0.7	7.0	6.5	2.75	2.45	4.2	2.03	1.45	2
M5	0.8	9.0	8.4	3.45	3.15	4.9	2.73	2.14	2
M6	1	10.5	9.8	4.1	3.7	6.3	2.86	2.26	3
						Nominal Screw Length			
Tolerance on Length			Nominal Diameter		4mm or under	Over 4mm to 10mm	Over 10mm to 20mm	Over 20mm to 40mm	Over 40mm
			M3 and M4		-	-0.6	-0.6	-0.8	-1
			M5 and M6		-	-0.8	-1	-1	-1

Description	A pan head, straight shank fastener with a metric thread pitch designed to go through a hole or nut that is pre-tapped to form a mating thre for the screw. The height and diameter of the pan head are between 5 and 20% smaller than a standard pan head.					
Applications/ Advantages	Used in applications requiring resistance to corrosive environments. The "Small Pan" head machine screw per JIS-B1111 is a preferred design for use in small electronic components where there is limited clearance area. The M3 and M4 diameters also meet the requirements of SN 213307 Cheese head screws.					
Material	A2 Stainless Steel					
Hardness						
Tensile Strength	72,500 psi. minimum					
Plating Stainless machine screws are usually suuplied without any additional finish.						