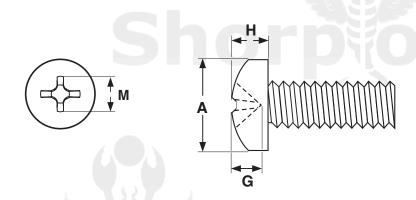
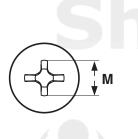
MACHINE SCREWS

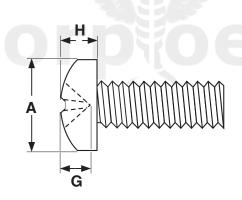


N	METRIC -	- JIS-B1	111 SMAL	L PAN H	EAD PHILI	IPS MACH	IINE SCRE	W	JIS-B1111
Nominal Size	Thread Pitch	A Head Diameter		H Height of Head		M Recess Diameter	G Recess Gauge Penetration		Phillips Driver Size
		МЗ	0.5	5.5	5.0	2.15	1.85	3.6	1.43
M4	0.7	7.0	6.5	2.75	2.45	4.2	2.03	1.45	2
M5	0.8	9.0	8.4	3.45	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
						9.3	14/		
						Non	ninal Screw Le	ngth	
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	11/	-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 thread 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/mm² minimum					
Plating	Parts are typically provided with a clear zinc finish.					

MACHINE SCREWS





-0.6

-0.8

-0.6

-1

-0.8

-1

-1

-1

V	IETRIC -	· JIS-B1	111 SMAL	L PAN H	EAD PHILL	IPS MACH	INE SCRE	W	JIS-B1111
Nominal Size	Thread Pitch	A Head Diameter		H Height of Head		M Recess Diameter	G Recess Gauge Penetration		Phillips Driver Size
		МЗ	0.5	5.5	5.0	2.15	1.85	3.6	1.43
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
							U J		
						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

M5 and M6

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 thread 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.					