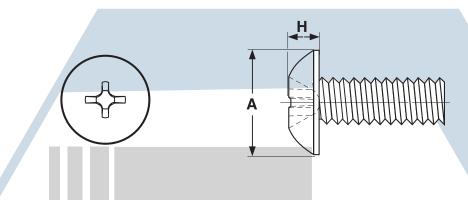
Machine Screws

METRIC



METRIC - JIS-B1111 Truss Head Phillips Machine Screw JIS-B1111						
		A		H1		
Nominal Size	Thread Pitch	Head Diameter		Height of Head		Phillips Driver Size
		Мах	Min	Мах	Min	
M4	0.7	9.4	8.9	2.65	2.35	2
M5	0.8	11.8	11.2	3.25	2.95	2
M6	1	14	13.3	3.9	3.5	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 straight shank fastener with a low rounded top surface and a flat bearing surface greater in area than a pan head screw of the same size. The screw has a metric thread pitch designed to go through a hole or nut that is pre-tapped to form a mating thread for the screw.		
Applications/ Advantages	The truss head machine screw is a preferred design in applications where minimal clearance exists above the head.		
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.		