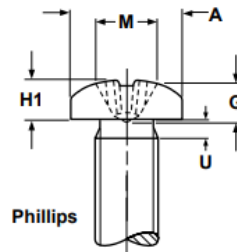


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PAN HEAD MACHINE SCREWS - METRIC

The following Specification Sheet applies to all **Steel and Stainless Steel Pan Head Metric Machine Screws** including those in our **MPMP** series of screws.



METRIC - SLOTTED PAN HEADS FOR MACHINE SCREWS										ISO 1580
Nominal Size	Thread Pitch	A		H		J		T	W	U
		Head Diameter		Head Height		Width of Slot		Depth of Slot	Wall Thickness	Thread Runout
		Max	Min	Max	Min	Max	Min	Min	Min	Max
M1.6	0.35	3.2	2.9	1.00	0.86	0.60	0.46	0.35	0.3	0.7
M2	0.4	4.0	3.7	1.30	1.16	0.70	0.56	0.5	0.4	0.8
M2.5	0.45	5.0	4.7	1.50	1.36	0.80	0.66	0.6	0.5	0.9
M3	0.5	5.6	5.3	1.80	1.66	1.00	0.86	0.7	0.7	1
M4	0.7	8.00	7.64	2.40	2.26	1.51	1.26	1	1	1.4
M5	0.8	9.50	9.14	3.00	2.86	1.51	1.26	1.2	1.2	1.6
M6	1	12.00	11.57	3.6	3.3	1.91	1.66	1.4	1.4	2
M8	1.25	16.00	15.57	4.8	4.5	2.31	2.06	1.9	1.9	2.5
M10	1.5	20.00	19.48	6.0	5.7	2.81	2.56	2.4	2.4	3

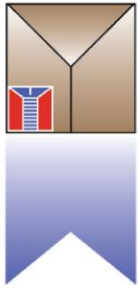
Metallics

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STEEL & STAINLESS

MECHANICAL & PERFORMANCE REQUIREMENTS

METRIC MACHINE SCREWS

Description	A metric machine screw is a 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.
Applications/ Advantages	Machine screws form a fastening superior in strength to spaced thread screws. Metric screws are the type almost exclusively used in items manufactured in Europe.
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-- Carbon: 0.55% maximum; Phosphorus: 0.05% maximum; Sulfur: 0.06% maximum.
Hardness	Rockwell B 71 - 99.5 (Vickers HV 130 - 250)
Tensile Strength	420 N/mm ² minimum
Plating	See Appendix-A for plating information

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