



DIMENSIONS ARE IN mm

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PART NO. EXAMPLE: **FHM 4M 10 CP G24GY =**

FLAT HEAD METRIC SCREW, M4 X 0.7 THREADS X 10mm LG, CORROSION RESISTANT STEEL, CROSS RECESS, HEAD COATED GLOSS GRAY PER FED-STD-595 NO. 16376

HEAD TYPE	THREAD			L LENGTH								MATERIAL	COLOR CODE	DIM DATA	
	CODE	NOMINAL DIAMETER	PITCH	TOL ± 0.375		TOL ± 0.45		TOL ± 0.55		TOL ± 0.65				A REF	B REF
				5	6	8	10	12	16	20	25				
FHM	2M	2.0	0.4	5	6	8	10	12	16			CP CRES CROSS RECESS	SEE STOCK COLOR LIST Doc No. SCL870115	3.80	1.2
	25M	2.5	0.45	5	6	8	10	12	16	20	25			4.70	1.5
	3M	3.0	0.5	5	6	8	10	12	16	20	25			5.60	1.65
	4M	4.0	0.7		6	8	10	12	16	20	25			7.50	2.2
	5M	5.0	0.8		6	8	10	12	16	20	25			9.20	2.5
	6M	6.0	1.0		6	8	10	12	16	20	25			11.0	3.0

FEATURES:

1. Screws are furnished with pre-colored heads to match panels and equipment. The coating material used in combination with the relatively hard screw heads is resistant to abrasion and screwdriver damage. This feature virtually eliminates the need for touch-up painting after assembly.
2. Screw heads are formed by cold forging, followed by a heat treating process which increases the basic tensile strength of the material. The resultant high tensile strength thus eliminates burring and yield of the substrate under the coating material.
3. Screw heads are cleaned and prepared for maximum adhesion of the coating material. The thermosetting coating material is both abrasion and solvent resistant. Slight overspray on underside of head is permissible.

NOTES:

1. The screws listed in this series reflect high quality with emphasis on the forming of the Phillips recess to meet design specification.
2. Care should be exercised to assure that the screwdriver tools meet the same quality and design specification in order to eliminate mismatching and subsequent damage to the drive recess and coating material.

3. The thread diameters and lengths listed in the table are industry standard sizes. Inventory levels of these sizes may vary at any one time due to customer demands and lead time necessary for production.

SPECIFICATIONS:

1. Screws meet the requirements of DIN 965, Metric Machine Screws, Cross Recess. Dimensions shown in above table are for reference only; refer to current revision of DIN 965 for dimensions and tolerances. Dimensions are in mm.
2. Screw material is A2 (300 series) corrosion resistant steel (CRES), passivated.
3. Screw head coating colors are matched to customer requirements. We recommend selection from FED-STD-595 whenever possible but we are also prepared to match customer-furnished color chips or samples.

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COLORED SCREW

90° METRIC FLAT HEAD,
METRIC THREAD, CRES,
RoHS-COMPLIANT