



DIMENSIONS ARE IN mm

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PART NO. EXAMPLE: **FHM 3M 6 CT S03RD** =

FLAT HEAD METRIC SCREW, M3 X 0.5 THREADS X 6mm LONG, CORROSION RESISTANT STEEL, TORX® RECESS, HEAD COATED SEMI-GLOSS RED PER FED-STD-595 NO. 21105

HEAD TYPE	THREAD			L LENGTH CODE						MATERIAL & RECESS		COLOR CODE	DIMENSIONAL DATA			
	CODE	NOMINAL DIAMETER	PITCH	TOL ± 0.3		TOL ± 0.4		TOL ± 0.5		CODE	DESCRIPTION		A SHARP	A' ABS. MIN	B MAX	D DRIVE SIZE
				8	10	13	16	20	25							
FHM	25M	2.5	0.45	8	10	13	16			CT	CRES TORX® RECESS	SEE STOCK COLOR LIST Doc No. SCL870115	5.5	4.4	1.5	T8
	3M	3.0	0.5	8	10	13	16						6.3	5.2	1.7	T10
	35M	3.5	0.6	8	10	13	16	20					8.2	6.9	2.3	T15
	4M	4.0	0.7	8	10	13	16	20	25				9.4	8.0	2.7	T20
	5M	5.0	0.8		10	13	16	20	25				10.4	8.9	2.7	T25
	6M	6.0	1.0			13	16	20	25				12.6	10.9	3.3	T30

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. TORX® is a registered trademark of Camcar Textron.
2. The screws listed in this series reflect high quality with emphasis on the forming of the TORX® recess to meet design specification.
3. 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.

4. 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 ASME B18.6.7M, Metric Machine Screws, except with a TORX® Recess. Dimensions shown in above table are for reference only; refer to current revision of ASME B18.6.7M for dimensions and tolerances. Dimensions are in mm.
2. Screw material is 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,
 TORX® RECESS