

## Data Sheet

### Features

- Cup Head Coach Bolts
- High Tensile Grade 8.8
- DIN 603 cup squares
- Conforms to AS 1390

### Taptite Style / Trilobular Style Screws

- Shaped Thread Self Forming
- Needle Point
- Hex Head with Flange
- Phillips head slot
- Can be used with both a Phillips head driver and 3/8" Nut Setter Driver



### Applications

For Switchboard assembly, the MerCs range of Coach Bolts and screws are sold in cartons and bulk cartons to suit customer usage and requirements.

### Description

MerCs offers a range of Cup Head Coach Bolts and Taptite style screws for Switchboard assembly. Let us know if you would like to see samples for assessment.

### Part Numbers

Part Numbers	Description	High Tensile Grade	Thread Size	Total Length of bolt	Head Width	Length of thread	Coating / Finish	Box QTY/ CTN QTY
MF-CHB-M10-40	Cuphead Bolt M10 x 40mm	8.8	M10	45mm	21mm	33mm	BZP	100/600
MF-CHB-M12-45	Cuphead Bolt M12 x 45mm	8.8	M12	51mm	30mm	35mm	BZP	100/300
MF-CHB-M12-60	Cuphead Bolt M12 x 60mm	8.8	M12	66mm	30mm	34mm	BZP	50/300
MF-CHB-M12-80	Cuphead Bolt M12 x 80mm	8.8	M12	86mm	30mm	34mm	BZP	50/250
MF-CHB-M12-95	Cuphead Bolt M12 x 95mm	8.8	M12	101mm	30mm	35mm	BZP	50/500
MF-TTS-M6-16	6 x 16mm Zinc Screws	8.8	M6	23mm	13mm	12mm	BZP	500/2500

## Technical Data

Size (mm)	Typical Maximum Tightening Torque (Nm)			
	Property Class			
	Grade 8.8	Grade 9.8	Grade 10.9	Grade 12.9
M5	7.0	7.8	10.0	11.7
M6	11.8	13.3	17.0	19.9
M8	28.8	32.3	41.3	48.3
M10	57.3	64.1	81.8	95.7
M12	99.8	112	143	167
M16	248	277	354	413
M20	500		690	809
M24	865		1195	1395
M30	1719		2377	2774