



Since 1967

Dated: 02-12-2025

MATERIAL TEST REPORT

CAN ANCHOR BOLT (CCB)

SIZE : 10X75MM

Anchor Bolt	Specification	Observed Value	Remark
Size of Bolt/Dia x Length	M10	M10	AVG of 5 samples
Length	75±5mm	74.15mm to 75.25mm	
Material	Mild Steel	Mild Steel	
Grade/Finish	4.6 / White Zinc Plated	4.6 / White Zinc Plated	
Zinc Plating Thickness	≥ 5 micron	5 to 8 micron	
MEAN ULTIMATE LOAD	TENSION LOAS $N_{Ru,m}$	15.24 [kN]	
	SHEAR LOAD $V_{Ru,m}$	17.40 [kN]	
CHARACTERISTIC LOAD	TENSION LOAS $N_{Ru,m}$	12.00 [kN]	
	SHEAR LOAD $V_{Ru,m}$	12.00 [kN]	
DESIGN LOAD	TENSION LOAS $N_{Ru,m}$	6.67 [kN]	
	SHEAR LOAD $V_{Ru,m}$	6.67 [kN]	
RECOMMENDED LOAD	TENSION LOAS $N_{Ru,m}$	4.76 [kN]	
	SHEAR LOAD $V_{Ru,m}$	4.76 [kN]	

CHEMICAL COMPOSITION									
Elements	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
Mean	0.0571	0.2953	1.7331	1.0335	0.0167	18.2725	0.1718	8.0083	0.4427

Thanks & regards



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