



CT-Bolt M22



CT-M22 Minimum load capacities

		Yielding load (kN)	Ultimate load (kN)
Point-anchored	M22	194	242
Fully grouted	D22	237	296

Loads are calculated without safety factor

Structural properties	K660 Vanadium	
Yield strength	640	MPa/ N/mm ²
Ultimate strength	800	MPa/ N/mm ²

Minimum Value / Type	Unit	Symbol	Value
Thread dimension			M22X2,5
Thread cross-sectional area	mm ²	A _t	303
Rebar cross-sectional area	mm ²	A _r	370
Yield strength	N/mm ²	R _{p0.2}	640
Ultimate strength	N/mm ²	R _m	800
Ultimate load strain	%	A _{gt}	17

Core diameter - bar	22 mm
Material - Rebar bolt	K660 Vanadium
Corrosion protection	CombiCoat/galvanized
Weight CT-M22 - 3m	12,5 kg
Borehole diam.	45 - 52 mm
Borehole length	Bolt length + 0,2m

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