



Fire Data



Features

The Ankerbolt Dual Thread Socket Bolt is a self tapping anchor for use in a variety of base materials. The dual thread allows for the use of M8 and M10 thread rod with the need for only one socket. The undercutting action provides a positive anchorage with no expansion forces

Part Number	Drill Diam	Hole Depth	Overall Length	Embedment Depth	M8 Internal Thread Length	M10 Internal Thread Length	Across Flats	Tightening Torque
	mm	mm	mm	mm	mm	mm	mm	Nm
JAB06/08SOCKET	6	50	75	40	10	15	17	25



Features

The Ankerbolt Socket Bolt is a self tapping anchor for use in a variety of base materials. The choice of M8 and M10 gives options for the diameter of threaded rod being used. The undercutting action provides a positive anchorage with no expansion forces.

Part Number	Drill Diam	Hole Depth	Overall Length	Embedment Depth	Internal Thread Length	Across Flats	Tightening Torque
	mm	mm	mm	mm	mm	mm	Nm
JAB06/08SOCM08	6	50	55	40	10	13	25
JAB06/08SOCM10	6	50	55	40	10	13	25

Fire Exposure Loads

Loads are for C20/25 concrete

Part Number	Thread Diameter	Thread Rod Grade	Applied Load (kg)	Fire Exposure Time (Mins)	Anchor Failure	Mode of Failure
JAB06/08SOCKET	M08	4.6	80	79	None	Threaded Rod
JAB06/08SOCKET	M08	8.8	80	120	None	None
JAB06/08SOCKET	*M10	4.6	80	120	None	None
JAB06/08SOCKET	M10	8.8	80	120	None	None
JAB06/08SOCM08	M08	4.6	80	79	None	Threaded Rod
JAB06/08SOCM08	M08	8.8	80	120	None	None
JAB06/08SOCM10	*M10	4.6	80	120	None	None
JAB06/08SOCM10	M10	8.8	80	120	None	None

Data tabulated from BRE report P108081 using standard time-temperature curve

*The tests on M10 Grade 4.6 threaded rod were continued for 10 mins over the 120 minute standard fire curve time with failure of the threaded rod.