

GEOMET 500B PEG ANCHOR DATA

PRODUCT CODE	BOLT SIZE	HOLE DIAMETER	FIXING THICKNESS		TORQUE	DESIGN RESISTANCE	CORROSION PROTECTION (SALT SPRAY)
		mm	min	max	NM	kN	hours
PA0850GEO	M8x50	8	6	34	15	7.3	1000
PA1040GEO	M10x40	10	6	22	30	24.4	1000
PA1050GEO	M10x50	10	6	32	30	24.4	1000
PA1060GEO	M10x60	10	6	42	30	24.4	1000
PA1240GEO	M12x40	12	8	20	50	46.8	1000
PA1250GEO	M12x50	12	8	30	50	46.8	1000
PA1260GEO	M12x60	12	8	40	50	46.8	1000
PA1275GEO	M12x75	12	8	55	50	46.8	1000
PA1660GEO	M16x60	16	10	34	100	70.1	1000
PA1675GEO	M16x75	16	10	49	100	70.1	1000
PA2075GEO	M20x75	20	10	42	125	103.1	1000

The design resistances have been calculated following the guidance in BS EN 19901, Annex D.

In shear, SCI recommend that the design resistances be taken as those for ordinary bolts (Class 8.8 in carbon steel and A2 in stainless steel).

In tension, the following design resistances may be taken, which may be compared directly with the ultimate loads on the fixings.