

Spirafix™ Anchor AC & C Type Data



AC Type Head



C Type Head

This anchor has a head that is threaded. This type of anchor can be used for both bolted and for through slot applications. The drive shoulder provides a surface where the impact blows can be taken, rather than the top of the head which can lead to deformation if subjected to repeated installations over time.

This anchor has a head that is solid. It must be used with one of the slotted brackets attached to whatever is being fixed to the ground. The end of the anchor is placed through the slot and is then driven into the ground. Once the underside of the head has reached the bracket it traps it in place. Any upwards movement by the structure will want to pull the anchor back out of the ground. However, because it is unable to rotate and therefore unscrew itself, it cannot do this.

Anchor Code Designation

Spirafix — Diameter (mm) — SF50-10-1050AC — Anchor Body Thickness (mm) — Head Type — Anchor Body Length (mm)

Spirafix™ Anchor Code	Head Across Flats "A" mm	Thread Size "B" mm	Thread Depth "C" mm	Anchor Dia "D" mm	Anchor Thk "T" mm	Anchor Length "L" mm	Anchor Tensile Load Range** kgs
SF30-6-280AC/C	17	M10 x 1.5	15	30	6	280	80 to 160
SF30-6-360AC/C	17	M10 x 1.5	15	30	6	360	120 to 240
SF30-6-440AC/C	17	M10 x 1.5	15	30	6	440	170 to 340
SF40-8-390AC/C	22	M12 x 1.75	20	40	8	390	180 to 360
SF40-8-500AC/C	22	M12 x 1.75	20	40	8	500	230 to 460
SF40-8-610AC/C	22	M12 x 1.75	20	40	8	610	310 to 620
SF50-10-0490AC/C	28	M16 x 2.0	26	50	10	490	250 to 500
SF50-10-0630AC/C	28	M16 x 2.0	26	50	10	630	350 to 700
SF50-10-0840AC/C	28	M16 x 2.0	26	50	10	840	500 to 1000
SF50-10-1050AC/C	28	M16 x 2.0	26	50	10	1050	800 to 1600
SF50-10-1260AC/C	28	M16 x 2.0	26	50	10	1260	1100 to 2200
SF50-10-1540AC/C	28	M16 x 2.0	26	50	10	1540	1500 to 3000
SF75-12-1100AC/C	41	M24 x 3.0	38	75	12	1100	1350 to 2700
SF75-12-1320AC/C	41	M24 x 3.0	38	75	12	1320	1750 to 3700
SF75-12-1760AC/C	41	M24 x 3.0	38	75	12	1760	2300 to 5000
SF75-12-2200AC/C	41	M24 x 3.0	38	75	12	2200	3000 to 6500
SF75-12-2640AC/C	41	M24 x 3.0	38	75	12	2640	3800 to 8200

* Thread size and depth only applies to AC type anchors. There is no thread on the C type anchors.

** Load range covers approximately 80% of possible loads. In some cases load capacities can lie outside these limits due to abnormal ground conditions. Results for anchors in tarmac can be considerably higher.

