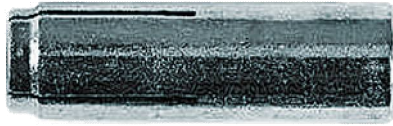




Drop In Anchors A4-316

Specification



Product Information

Deformation controlled anchor available in A4-316 Stainless Steel. Suitable for use in non-cracked concrete between C20/25 & C50/60.

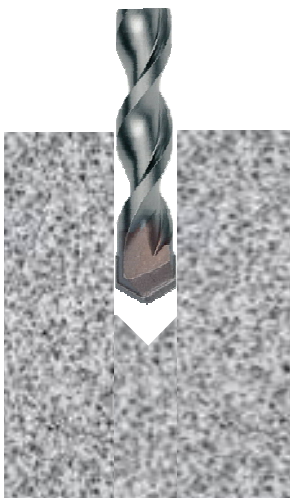
Features

1. Internal thread suitable for bolts or threaded studs
2. Permanent socket to allow removal and replacement of fixture
3. Tested to ETAG 001 Part 4, Deformation Controlled Anchors

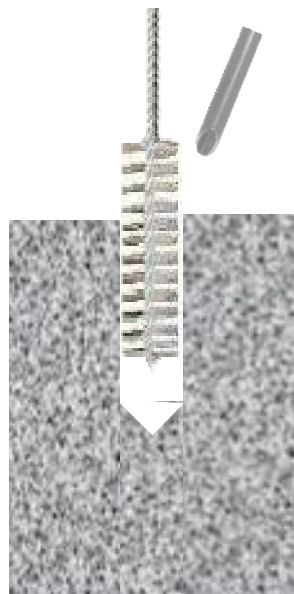


Range Data

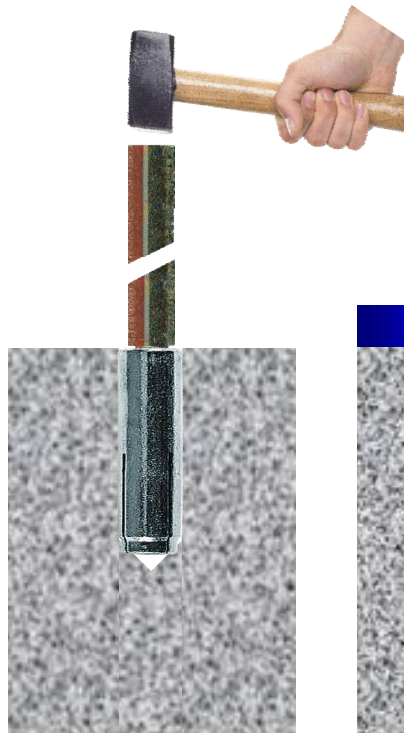
Part Number	Thread Diam	Anchor Length	Hole Diam	Setting Punch	Fixture Clearance Hole	Internal Thread Length	Embedment Depth	Minimum Hole Depth	Minimum Structure Thickness	Maximum Installation Torque
mm	mm	mm	mm		mm	mm	mm	mm	mm	Nm
DSSM06	6	30	8	DZSP06	7	13	30	30	100	4
DSSM08	8	30	10	DZSP08	9	13	30	30	100	8
DSSM10	10	40	12	DZSP10	12	15	40	40	130	15
DSSM12	12	50	15	DZSP12	14	18	50	50	140	35
DSSM16	16	65	20	DZSP16	18	23	65	65	160	60



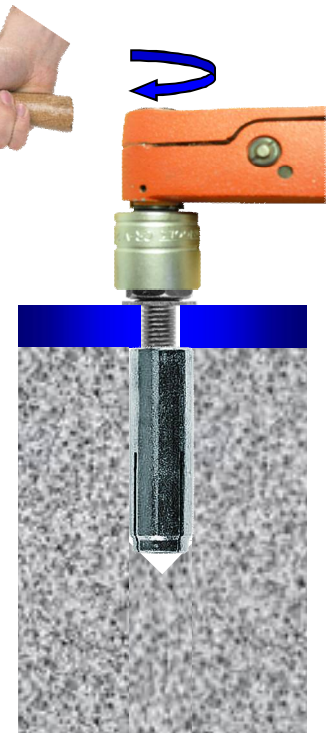
Drill correct diameter hole to correct depth



Clean hole by brushing and blowing to remove all dust and drilling debris



Insert anchor into concrete and hammer wedge home using correct setting punch



Tighten with torque wrench to recommended torque



Non-Cracked concrete

Performance Data (C20/25 Concrete)									
Thread Diam	Characteristic Resistance		Design Resistance		Approved Resistance		Spacing	Edge Distance	
mm	kN		kN		kN		mm	mm	
	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear
6	8.2	7.0	5.5	4.4	3.9	3.1	90	80	80
8	8.2	10.6	5.5	6.7	3.9	4.7	90	95	95
10	12.7	13.4	8.5	8.5	6.0	6.0	120	132	135
12	17.8	25.1	11.9	16.0	8.5	11.4	150	165	165
16	26.4	42.0	17.6	26.9	12.5	19.2	195	200	215

For variations in structure thickness, reduced spacing and edge calculations download the free [Anchor Calculation Program](http://www.jcpfixings.co.uk) from www.jcpfixings.co.uk