



## Features

The Ankerbolt is a high strength, self tapping anchor for use in a variety of base materials. The undercutting action provides a positive anchorage with no expansion forces

## Range Data



### COUNTERSUNK

Part Number	Drill Diam	Thread Diam	Anchor Length	Fixture Clearance Hole	Maximum Fixture Thickness	Embedment Depth	Minimum Hole Depth	Head Diam	Torx Drive	Tightening Torque
	mm	mm	mm	mm	mm	mm	mm	mm		Nm
JAB06/08050CS	6	8	50	10	20	30	40	12.5	T30	25
JAB06/08075CS			75		45					
JAB06/08100CS			100		70					
JAB06/08130CS			130		100					
JAB06/08150CS			150		120					
JAB08/10060CS	8	10	60	12	20	40	55	17.5	T45	40
JAB08/10075CS			75		35					
JAB08/10100CS			100		60					
JAB10/12060CS	10	12	60	14	10	50	70	22.0	T50	60
JAB10/12075CS			75		25					
JAB10/12100CS			100		50					



### FLANGE HEAD

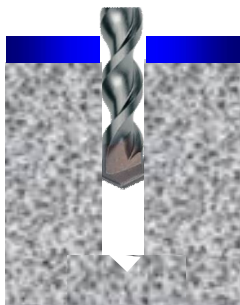
Part Number	Drill Diam	Thread Diam	Anchor Length	Fixture Clearance Hole	Maximum Fixture Thickness	Embedment Depth	Minimum Hole Depth	Head A/F	Tightening Torque
	mm	mm	mm	mm	mm	mm	mm	mm	Nm
JAB05/06050	5	6	50	8	25	25	35	8	15
JAB05/06075			75		50				
JAB06/08050	6	8	50	10	20	30	40	10	25
JAB06/08075			75		45				
JAB06/08100			100		70				
JAB06/08130			130		100				
JAB06/08150			150		120				

## Range Data

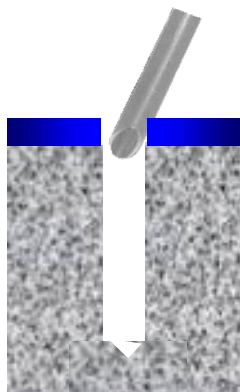


HEXAGON HEAD

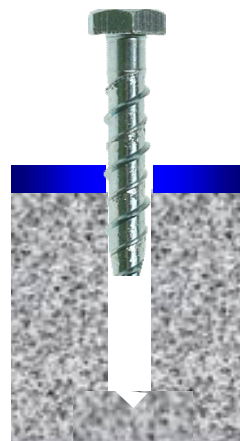
Part Number	Drill Diam	Thread Diam	Anchor Length	Fixture Clearance Hole	Maximum Fixture Thickness	Embedment Depth	Minimum Hole Depth	Head A/F	Tightening Torque
	mm	mm	mm	mm	mm	mm	mm	mm	Nm
JAB08/10060	8	10	60	12	20	40	55	15	40
JAB08/10075			75		35				
JAB08/10100			100		60				
JAB08/10130			130		90				
JAB08/10150			150		110				
JAB10/12060	10	12	60	14	10	50	70	17	60
JAB10/12075			75		25				
JAB10/12100			100		50				
JAB10/12130			130		80				
JAB10/12150			150		100				
JAB12/14075	12	14	75	16	15	60	85	19	80
JAB12/14100			100		40				
JAB12/14130			130		70				
JAB12/14150			150		90				
JAB12/14200			200		140				



Position fixture and drill correct diameter hole to correct depth



Blow out dust and drilling debris from hole



Insert anchor through fixture into concrete using suitable impact wrench



Tighten with torque wrench to recommended torque

## Performance Data (20 N/mm<sup>2</sup> Solid Brickwork)

Drill Diam	Embedment Depth	Minimum brick Thickness	Characteristic Resistance		Design Resistance		Approved Resistance		Spacing	Edge Distance	
			Tensile	Shear	Tensile	Shear	Tensile	Shear		Tensile	Shear
mm	mm	mm	kN		kN		kN		mm	mm	
			Tensile	Shear	Tensile	Shear	Tensile	Shear		Tensile	Shear
5	25	100	0.7	1.2	0.35	0.57	0.25	0.4	75	It is recommended to fix at least one brick in from an edge and 3 courses down from the top of a wall	
6	30	100	0.9	1.5	0.43	0.71	0.31	0.51	90		
8	40	100	1.9	1.7	0.90	0.80	0.64	0.57	120		
10	50	100	2.4	2.4	1.14	1.14	0.81	0.81	Only 1 fixing per brick		
12	60	100	3.5	3.4	1.66	1.62	1.19	1.15			

(Tests were carried out in standard 230 x 110 x 60 mm solid bricks)

## Performance Data (7 N/mm<sup>2</sup> Dense Concrete Blocks)

Drill Diam	Embedment Depth	Minimum Block Thickness	Characteristic Resistance		Design Resistance		Approved Resistance		Spacing	Edge Distance	
			Tensile	Shear	Tensile	Shear	Tensile	Shear		Tensile	Shear
mm	mm	mm	kN		kN		kN		mm	mm	
			Tensile	Shear	Tensile	Shear	Tensile	Shear		Tensile	Shear
5	25	100	1.1	1.7	0.52	0.80	0.37	0.57	75	It is recommended to fix at least one block in from an edge and 1 course down from the top of a wall	
6	30	100	1.3	3.4	0.62	1.61	0.44	1.15	90		
8	40	100	1.7	6.7	0.80	3.19	0.57	2.27	120		
10	50	100	3.1	7.3	1.47	3.47	1.05	2.47	150		
12	60	100	3.8	10.1	1.8	4.80	1.28	3.42	180		

(Tests were carried out in 700 x 500 x 200 mm solid blocks)

Due to the variable nature of bricks and blocks the above figures are for guidance only. For critical applications a site test is recommended