

COUNTERSUNK HEAD

CYLINDRICAL HEAD

INFORMATION

The Concrete Screw is a zinc plated and yellow passivated self-tapping anchor for use in a variety of base materials. The undercutting action provides a positive anchorage with no expansion forces.

The wide range of sizes and head types gives flexibility of choosing the correct anchor according to the fixture thickness.

They are all steel and suitable for use where a higher degree of fire resistance is required.

For aesthetic appearances, the white and brown cover caps are available for the countersunk version.

It can be used for:

- Door frames
- Window frames
- Timber Battens

BASE MATERIAL

- Solid Concrete
- Concrete Blocks
- Solid Brickwork
- Natural Stone
- Hollow Base Materials
(Depends On The Thickness And Application)

FEATURES

- Undercutting Action
- Fast And Secure Installation
- Expansion Free
- Good Performance
- Two Head Types
- Reaction To Fire Class A1
- White/Brown Cover Cap
- Zinc Plated Minimum 5µm

RELATED PRODUCTS



SD06

SDS+ Drill Bits



Hole Cleaning Pump



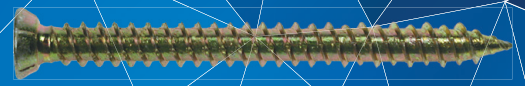
Torx 30 Driver Bits
(For The Countersunk)

RANGE AND LOAD DATA

RANGE AND LOAD DATA (C25/C30 CONCRETE)

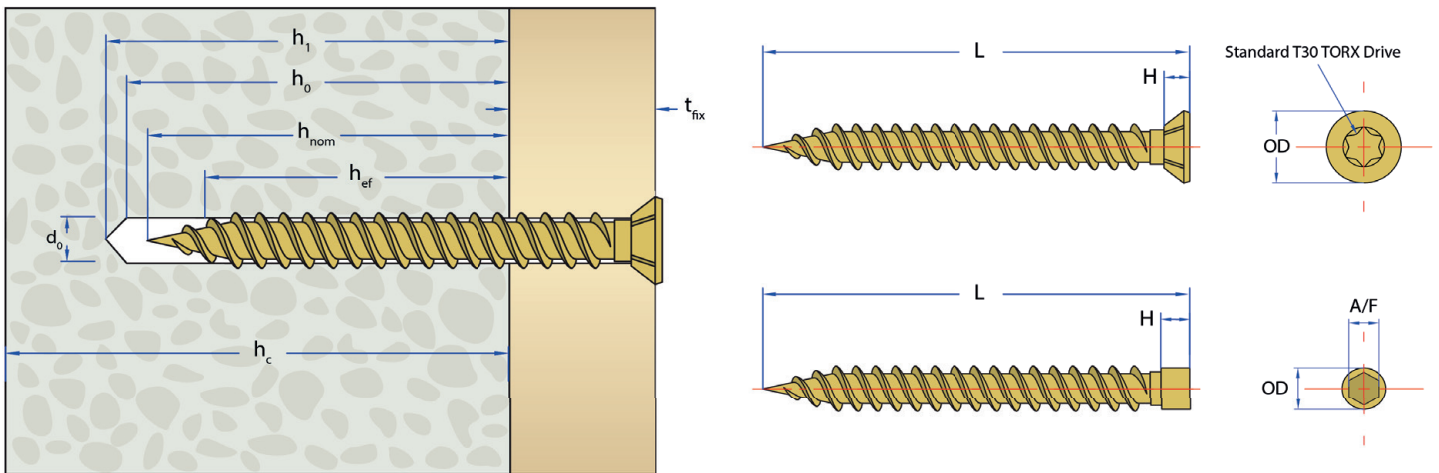
Part Number	Drill Hole Diameter	Thread Diameter	Anchor Length	Fixture Clearance Hole	Max Fixture Thickness	Min Hole Depth	Embedment Depth	Head Depth	Head Outside Diameter	Drive Size	Recommended Tensile Resistance	Recommended Shear Resistance
	(d ₀)	(d _{nom})	(L)	(d _f)	(t _{fix})	(h _v)	(h _{nom})	(H)	(OD)	-	(N _{Ra})	(V _{Ra})
	mm	mm	mm	mm	mm	mm	mm	mm	mm	-	kN	kN
COUNTERSUNK (INCLUDES WHITE COVER CAP AND T30 DRIVE BIT)												
CS75040	6	7.5	40	8	-	45	40	3.5	11	Torx Drive T30	2.0	2.2
CS75060			60		20							
CS75080			80		40							
CS75100			100		60							
CS75120			120		80							
CS75150			150		110							
CS75180			180		140							
COUNTERSUNK (NO WHITE COVER CAP OR T30 DRIVE BIT)												
CS75040A	6	7.5	40	8	-	45	40	3.5	11	Torx Drive T30	2.0	2.2
CS75060A			60		20							
CS75080A			80		40							
CS75100A			100		60							
CS75120A			120		80							
CS75150A			150		110							
CS75180A			180		140							
COVER CAPS												
CSCAPWH	White Cover Caps											
CSCAPBR	Brown Cover Caps											





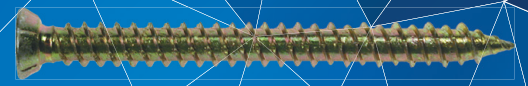
RANGE AND LOAD DATA (C25/C30 CONCRETE)

Part Number	Drill Hole Diameter	Thread Diameter	Anchor Length	Fixture Clearance Hole	Max Fixture Thickness	Min Hole Depth	Embedment Depth	Head Depth	Head Outside Diameter	Across Flats	Recommended Tensile Resistance	Recommended Shear Resistance
	(d_o)	(d_{nom})	(L)	(d_f)	(t_{fix})	(h_1)	(h_{nom})	(H)	(OD)	(A/F)	(N_{Ra})	(V_{Ra})
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN
CYLINDRICAL HEAD												
CS75060CH	6	7.5	60	8	20	45	40	5	7.5	4	2.0	2.2
CS75080CH			80		40							
CS75100CH			100		60							
CS75120CH			120		80							
CS75150CH			150		110							
CS75180CH			180		140							
CS75210CH			210		170							

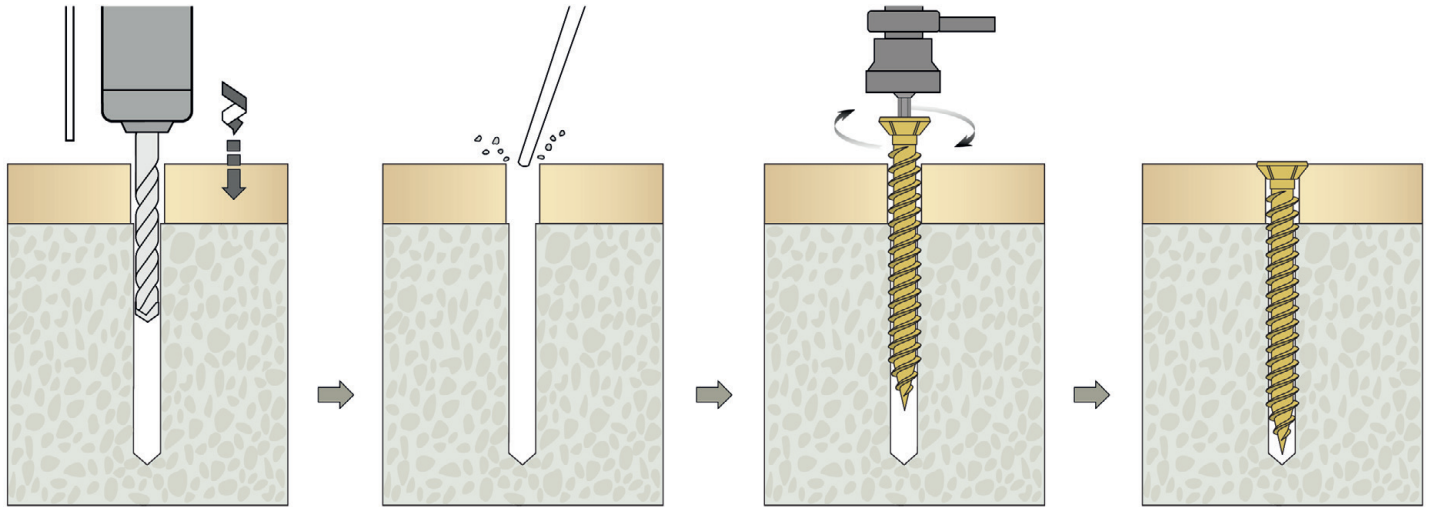


For variations in structure thickness, reduced spacing and edge calculations download the free **Anchor Calculation Program** from www.jcpfixings.co.uk





INSTALLATION INSTRUCTIONS



-Position fixture and drill correct diameter hole to corresponding depth

-Clean hole by blowing to remove drilling debris and dust

-Insert screw through fixture into base material and screw down

