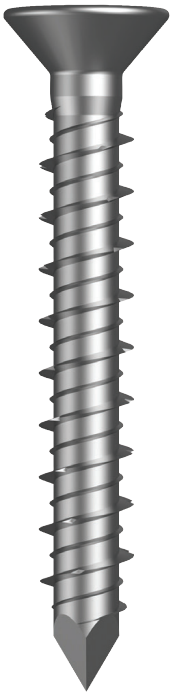
TX-CON SCREW ANCHOR CSK PHIL

- Light to Medium Duty.
- No Plug Required.



APPLICATIONS	BASE MATERIALS
Electrical Conduit Saddles	Concrete
Pipe Saddles	Aerated Concrete
Lighting Fixtures	Brick
Signage	Hollow Concrete Block
Downpipes / Guttering Systems	Timber (Self Drilling)
Brackets	
Handrails	

BASE MATERIAL	
Carbon Steel	1000 Hours Protective Coat Coating Thickness: Min 15 µm Coating Colour: Silver Grey

PART	QFIND	SIZE D(mm)	LENGTH L(MM)	DRIVE PHILIPS	PACK QTY
MTXTRCP50032	MTX101	5.0	32	2	100
MTXTRCP50045	MTX102		45		100
MTXTRCP50058	MTX103		58		100
MTXTRCP50070	MTX104		70		100
MTXTRCP65045	MTX105	6.5	45	3	100
MTXTRCP65058	MTX106		58		100
MTXTRCP65070	MTX107		70		100
MTXTRCP65083	MTX108		83		100
MTXTRCP65100	MTX109		100		100

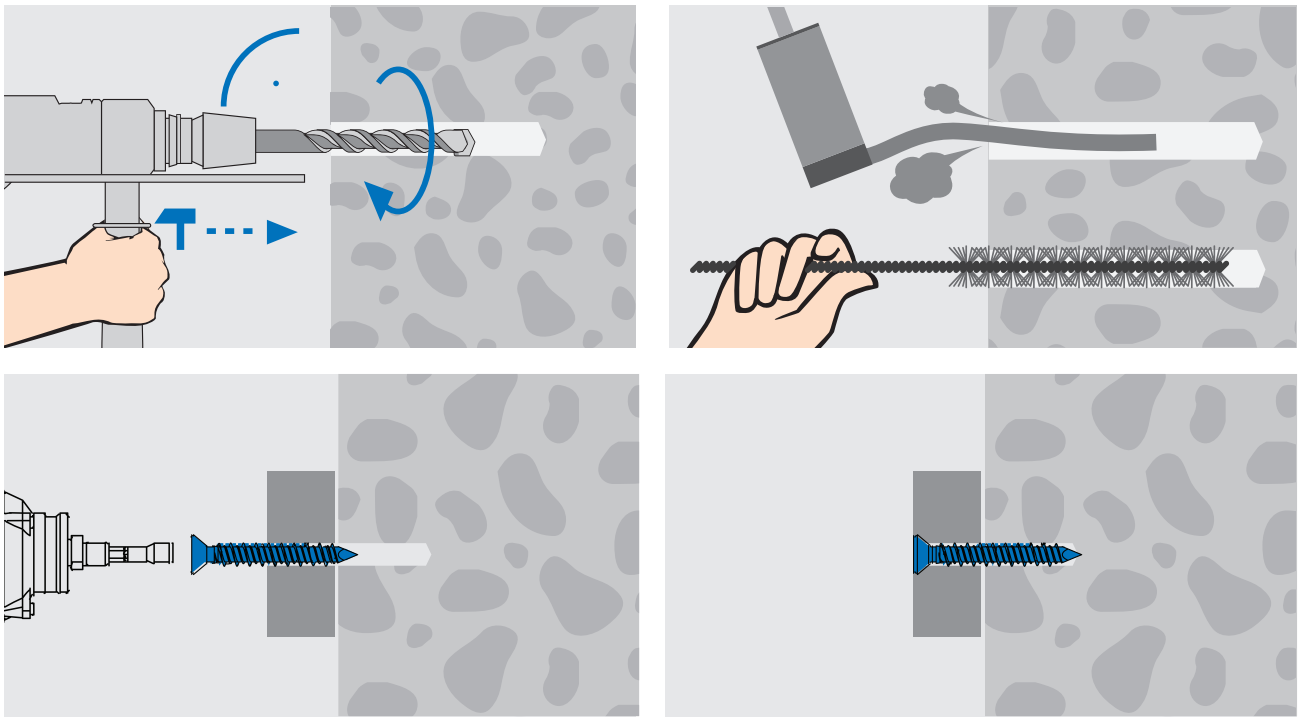
SPECIFICATION SHEET

MAR 2025

Product Code	TX-CON ANCHOR SIZE	DRILL HOLE Ø (MM)	MIN. EMBEDMENT DEPTH H_e (mm)	EMBEDMENT DEPTH (mm)	MIN ANCHOR SPACING $S_{CR,N}$ (mm)	MIN EDGE DISTANCE $0.5S_{CR,N}$ (mm)	WORKING LOAD IN TENSION[2] N_{WLL} (kN)	WORKING LOAD IN SHEAR[2] V_{WLL} (kN)
			CONCRETE STRENGTH F'C = 32 MPA					
MTXTRCP50032	M5 X 32	4	25	25	75	38	0.8	1.1
MTXTRCP50045	M5 X 45			32	96	48	1.0	1.2
MTXTRCP50058	M5 X 58			38	114	57	1.6	1.3
MTXTRCP50070	M5 X 70			45	135	68	2.0	1.3
MTXTRCP65045	M6.5 X 45	5	32	32	96	48	1.9	2.7
MTXTRCP65058	M6.5 X 58			38	114	57	2.8	2.7
MTXTRCP65070	M6.5 X 70			45	135	68	4.2	2.8
MTXTRCP65083	M6.5 X 83			60	180	90	5.6	2.8
MTXTRCP65100	M6.5 X 100			60	180	90	5.6	2.8

1. Design Resistance is the governing minimum load resistance obtained by comparing relevant concrete and steel resistances. Capacity reduction factors of f = 0.6 for concrete and f = 0.80 for steel are already included.
2. Working load is the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factor of Safety (FOS=2.5 for steel and FOS=3.0 for concrete) are already included.

INSTALLATION



As per the images shown

Note: There are no torque values given for installations

The screws should be installed so the head of the anchor comes into firm contact with the fixture - snug fit. The fixture should be firm against the base material.

Over tightening can potentially damage the fixture.

0800 425 262 steelandtube.co.nz