



PRODUCT DATA


TX-CON® Screw Anchor CSK Phil



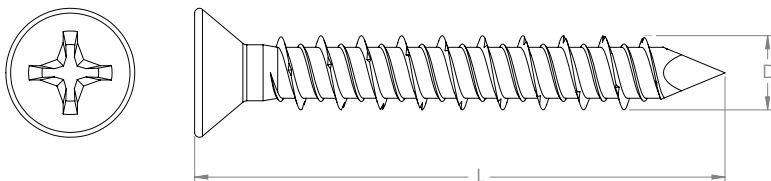
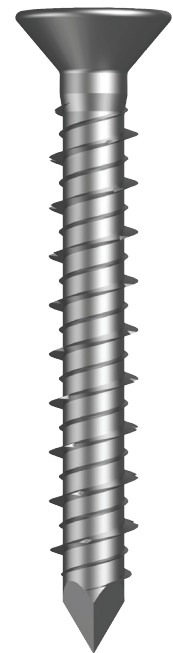
- Light to Medium Duty
- No Plug Required

CONSTRUCT

Applications	Base Material
<ul style="list-style-type: none"> • Electrical Conduit Saddles • Pipe Saddles • Lighting Fixtures • Signage • Downpipes / Guttering Systems • Brackets • Handrails 	<ul style="list-style-type: none"> • Concrete • Aerated Concrete • Brick • Hollow Concrete Block • Timber (Self Drilling)

Material	 HEC Carbon Steel
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Finish	 R1000 Hours Protective Coat Coating Thickness: Min 15µm Coating Colour: Silver Grey	
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Part	QFind	Size	Length	Drive	Pack
		D (mm)	L (mm)	Phillips	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

**Countersunk
Phillips**



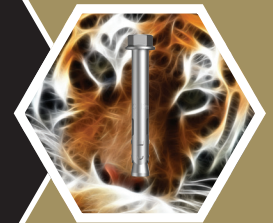
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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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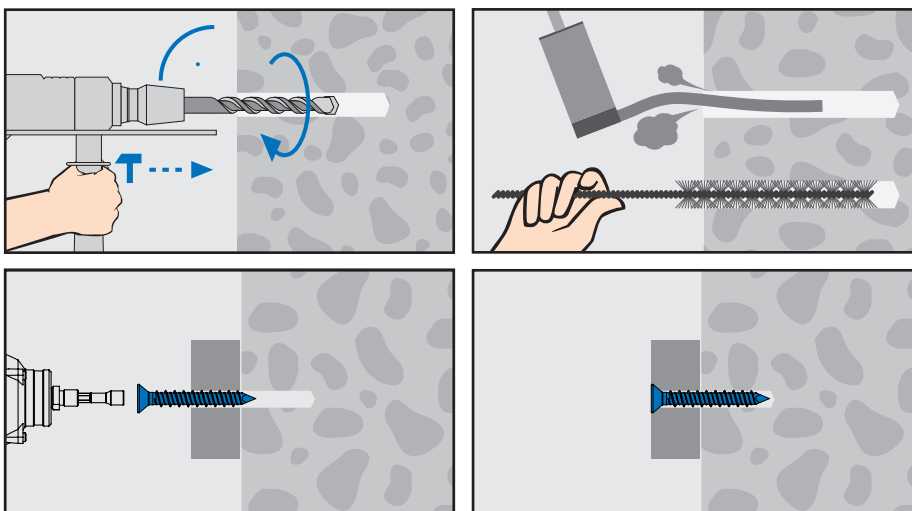


Concrete Strength $f'c = 32 \text{ MPa}$								
Product Code	TX-CON Anchor	Drill Hole	Min. Embedment Depth	Embedment Depth	Min. Anchor Spacing	Min. Edge Distance	Working Load in Tension ²	Working Load in Shear ²
	Size	Ø (mm)	h_o (mm)	(mm)	$s_{cr,N}$ (mm)	$0.5s_{cr,N}$ (mm)	N_{WLL} (kN)	V_{WLL} (kN)
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



Installation Guides

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.

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