



# PRODUCT DATA


## TX-CON® Screw Anchor CSK Phil



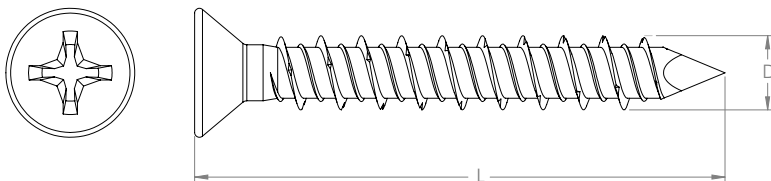
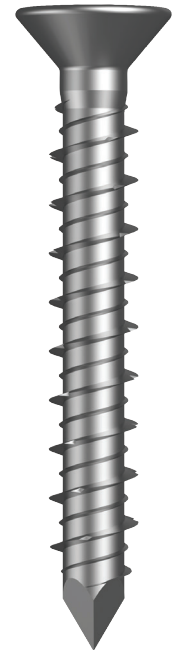
- Light to Medium Duty
- No Plug Required

**CONSTRUCT**

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

<b>Material</b>	 HEC Carbon Steel
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<b>Finish</b>	 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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## TX-CON® Screw Anchor CSK Phil

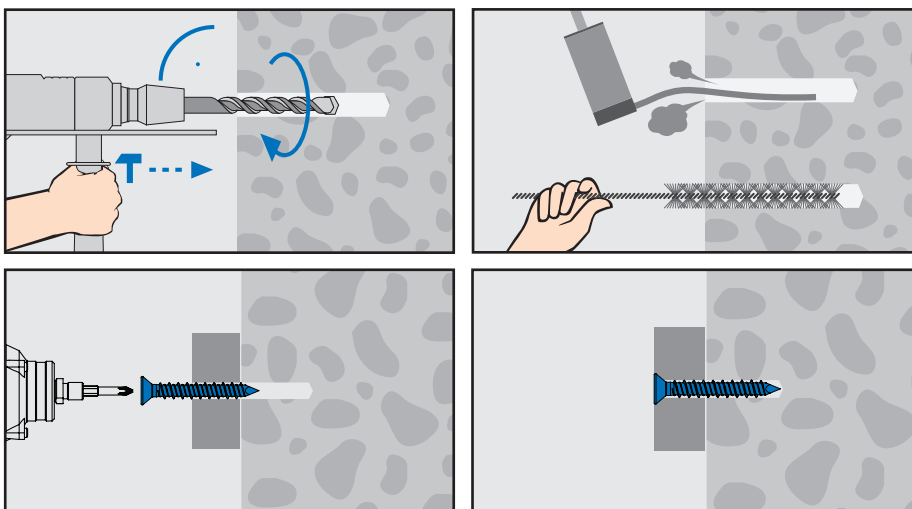


Concrete Strength $f'c = 32 \text{ MPa}$							
Product Code	TX-CON Anchor	Drill Hold	Min. Embedment Depth	Min. Anchor Spacing	Min. Edge Distance	Working Load in Tension <sup>2</sup>	Working Load in Shear <sup>2</sup>
	Size	Ø (mm)	$h_o$ (mm)	$s_{cr,N}$ (mm)	$0.5s_{cr,N}$ (mm)	$N_{WLL}$ (kN)	$V_{WLL}$ (kN)
MTXTRCP50032	M5 X 32	4	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	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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