




# PRODUCT DATA

## TX-CON® Screw Anchor Hex Slot



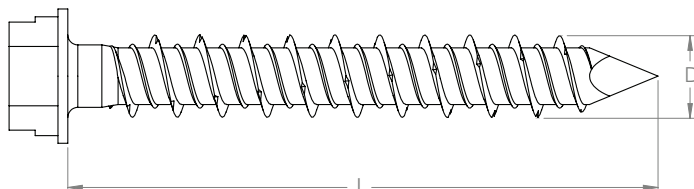
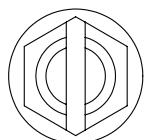
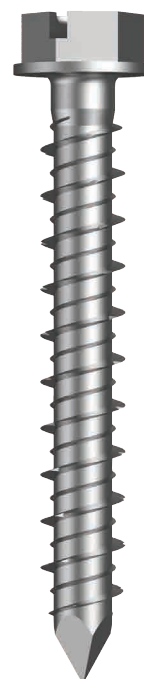
- Light to Medium Duty
- No Plug Required

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>

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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CONXTRUCT



Part	QFIND	Dia Ø	Length	Drive Size	Pack Qty
		D (mm)	L (mm)		
MTXTRHL65032	MTX110	6.5	32	5/16"	100
MTXTRHL65045	MTX111	6.5	45		100
MTXTRHL65058	MTX112	6.5	58		100
MTXTRHL65070	MTX113	6.5	70		100
MTXTRHL65083	MTX114	6.5	83		100
MTXTRHL65100	MTX115	6.5	100		100

Hex Slot

TX-CON®

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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190326 IDS



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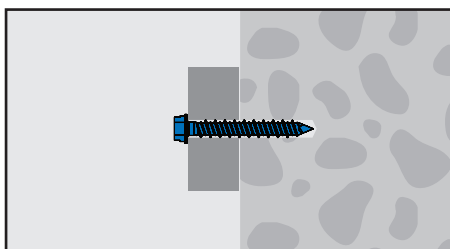
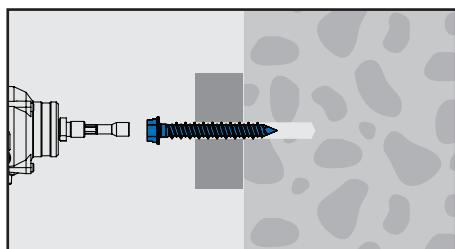
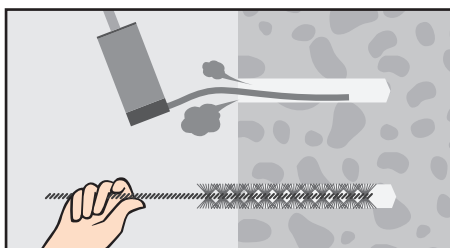
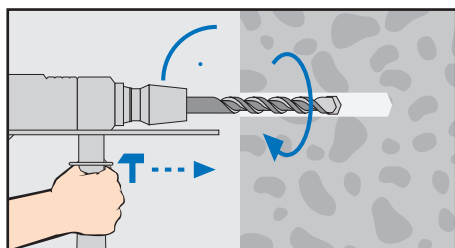
## TX-CON® Screw Anchor Hex Slot



Concrete Strength $f'c = 32 \text{ MPa}$							
Part	Size	Drill Hole	Min. Embedment Depth	Min. Anchor Spacing	Min. Edge Distance	Working Load in Tension <sup>1</sup>	Working Load in Shear <sup>1</sup>
		$\varnothing$ (mm)	$h_e$ (mm)	$s_{cr,N}$ (mm)	$0.5s_{cr,N}$ (mm)	$N_{WLL}$ (kN)	$V_{WLL}$ (kN)
MTXTRHL65032	M6.5 X 32	$\varnothing 5$	25	75	38	1.2	2.3
MTXTRHL65045	M6.5 X 45		32	96	48	1.9	2.7
MTXTRHL65058	M6.5 X 58		38	114	57	2.8	2.7
MTXTRHL65070	M6.5 X 70		45	135	68	4.2	2.8
MTXTRHL65083	M6.5 X 83		60	180	90	5.6	2.8
MTXTRHL65100	M6.5 X 100		60	180	90	5.6	2.8

1. 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 anchor 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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