

# Fault Finding - Gripping with Toothed Gripper

Fault finding Guide for issues with toothed gripper on ZX5 and Flowline TruLoc system

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Comments

### Fault Finding Guide

Issue	Symptoms	Root Causes	Checks
Slim Z Profile Twists when Gripper Approaches on Saw side	The combination of the pushing movement of the gripper and the side channel pressure causes the profile to roll over before the gripper can engage Particularly an issue on Ovolo profile with a rolled edge, and on shorter offcuts	Side Channel Pressure too high	Check it is set at 1.5bar. Often increased because the channel is not operating smoothly and correctly
		Rear Fence Alignment	Rear Fences can get knocked out of alignment. Check with a straight edge or similar
		Channel bar alignment parallel to rear fence	With channel closed, check the distance of the channel bar to the rear fence upstands
		Software Version	Check Control Systems Log to ensure the software version
		Gripper mechanics	Check the mechanical integrity of the gripper system R0015011 Bench assemble Gripper