

# THORHELICAL®

## REMEDIAL SOLUTIONS

### Remedial Wall Ties Product Comparisons

Helical designed remedial wall ties have been in circulation worldwide now for over 30 years, with a number of companies supplying these 8mm ties, these ties are the inventor's earlier patents from 1984 with the 2nd Generation 9mm CD Ties released in the late 1990's under Thor Helical by the Pioneers & Inventors of the Helical Fixing Concept.

Traditional 8mm diameter ties have been the accepted standard over this period as they were the only product of its type available, which are twisted by spinning between two centres. This method of manufacturing can cause inconsistencies through pitch tolerance of + or - 2% which affects the action of the tie abrading the pilot hole during installation.

In contrast Thor Helical's 9mm diameter CD Ties (Centre Drive) are manufactured using advanced twisting die technology to accurately control the pitch of the tie resulting in our "Patented Precise Pitch" with a pitch tolerance of within 0.5% which is unique to Thor Helical & giving unrivalled product performance over traditional 8mm ties.

Thor Helical 9mm diameter ties have over 48% more stainless steel resulting in a much stronger core, easier faster installation & accurate tracking across wide cavities.

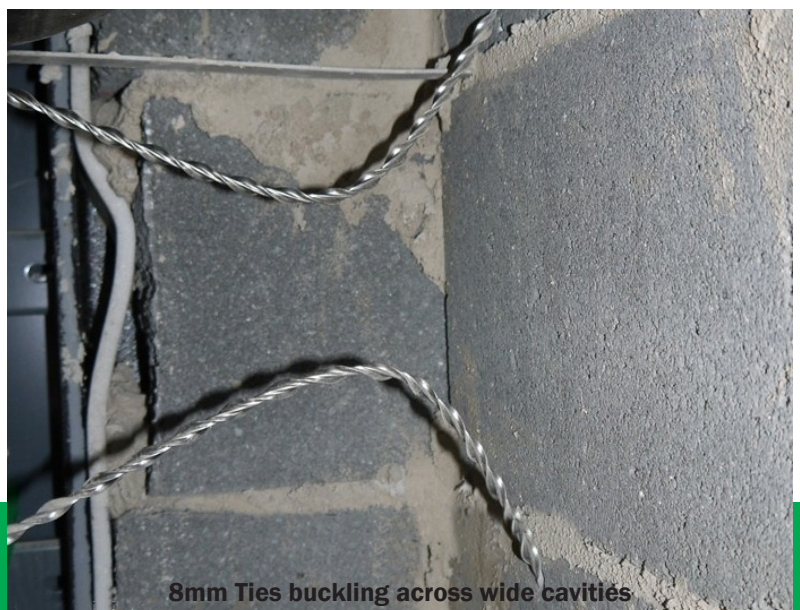
Thor Helical also have a unique SDS drive tool for installation which is reliable, smaller & easier to use especially in confined spaces when using longer ties, low cost with no wearing replacement parts; unlike the much larger cumbersome, expensive drive tool for 8mm ties.



8mm Competitor

9mm Thor Helical

10mm Competitor



Thor Helical Conform to:  
BS EN 845-1: 2013 and conditions for  
CE marking.

# Thor Helical Precise Pitch Engineering



The red tipped end indicates they are 316 Stainless Steel



CD Tie installation



9mm CD Tie installed using SDS countersunk CD Tie Tool. Note: the red tip of the 9mm CD Tie unique to Thor Helical indicating 316 SS.



## Thor Helical Precision Engineered Helical Bars, Wall Ties and Fixings - Unrivalled product performance

FEATURE	BENEFITS
<b>Patented Precise Pitch Twisting Die Technology</b> <i>Unique to Thor Helical</i>	Stronger, Reliable Helical Consistency
	Easier, Faster Installation
	Accurate Tracking Across Wide Cavities
<b>Balanced Robust Profile</b> <b>Unrivalled Product Performance</b>	Greater Torsional Strength
	Increased Compression Resistance (Reduces Buckling Tendencies)
<b>Manufacturing</b>	Innovative Design – Precise Engineering
<b>Full In House Control</b>	Continuous Improvement over 30 years