

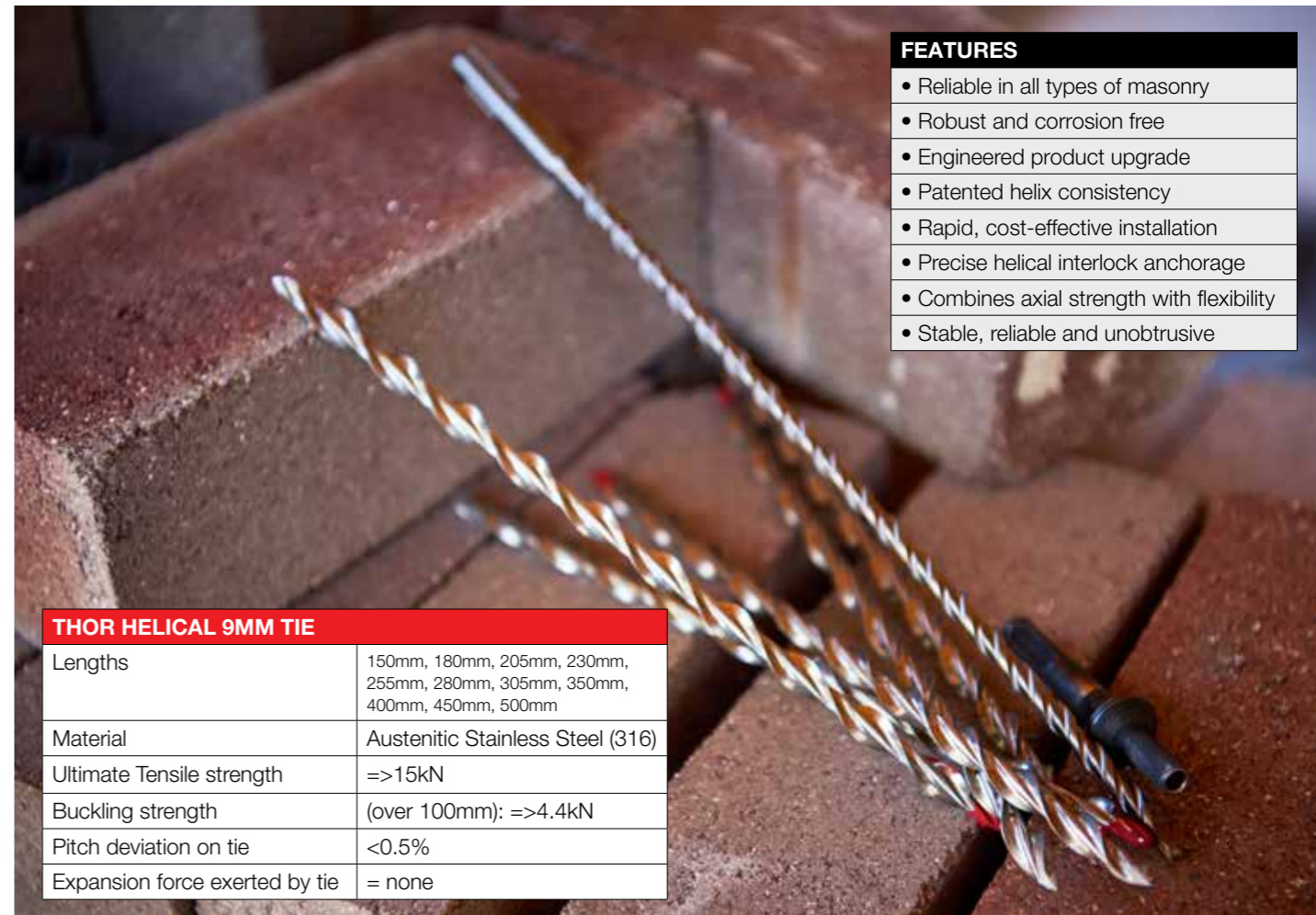
THOR HELICAL CDTIE™ REMEDIAL WALL TIES

The Thor Helical CDTie Wall tie is a remedial tying system, which is a low-cost alternative to rebuilding walls that are suffering from wall tie corrosion. For 30 years now, wall tie replacement has become the accepted method of solving the problem of cavity tie failure. The CDTie Wall tie system is a speedy and easy solution where a one-piece stainless steel helical wall tie (9mm in diameter) is placed between the two skins of brick. Adding stability and safety back to brick walls that are showing signs of age and weakness. Products like these can be a massive money saving product on renovations on older properties.



Installation is straightforward and with the long SDS masonry bit provided you drill a pilot hole through the brick wall into the cavity, then into the brick on the other side. Next with the SDS countersunk attachment connected to your drill you lightly hammer drill them in, tying the two bricks together. The recessed tie can then be filled with suitable filler. It is that simple! The wall tie exerts no expansive stress into the brickwork and will not loosen with vibration.

Traditional 8mm ties have always been accepted because they were the only size available, but the manufacturing process of twisting these ties is prone to variations of +/- 2 per cent, which affects the action of the tie abrading the pilot hole during installation. In contrast, the Thor Helical



- | FEATURES | |
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| • | Reliable in all types of masonry |
| • | Robust and corrosion free |
| • | Engineered product upgrade |
| • | Patented helix consistency |
| • | Rapid, cost-effective installation |
| • | Precise helical interlock anchorage |
| • | Combines axial strength with flexibility |
| • | Stable, reliable and unobtrusive |

THOR HELICAL 9MM TIE	
Lengths	150mm, 180mm, 205mm, 230mm, 255mm, 280mm, 305mm, 350mm, 400mm, 450mm, 500mm
Material	Austenitic Stainless Steel (316)
Ultimate Tensile strength	=>15kN
Buckling strength	(over 100mm): =>4.4kN
Pitch deviation on tie	<0.5%
Expansion force exerted by tie	= none

9mm diameter CD Ties (Centre Drive) are manufactured using advanced twisting die technology to accurately control the pitch of the ties resulting in the 'Patented Precise Pitch' with a pitch tolerance of within 0.5 per cent, which is unique to Thor Helical creating unrivalled product performance over traditional 8mm ties. The CDTies are designed to accurately self-tap into a wide variety of masonry elements with the initial pilot hole. The mechanical interlock anchorage of the CDTie helical wall tie exerts no expansive stress, does not rely on adhesion and is not affected by temperature extremes or fire.

The CDTies are proven through independent testing programs and with 25 years of use they are recommended for use in remedial situations irrespective of the building's substrate or its fire performance criteria. Thor Helical 9mm diameter ties have 48 per cent more stainless steel resulting in a much stronger core, easier and faster installation and accurate tracking across wide cavities. When using the provided SDS drive tool you will experience safer and more reliable installations. Next time you come across ties that are corroded, remember the Thor Helical

CDTie 9mm Wall Tie. It's a super quick and easy fix that will give the wall its integrity back with superior strength, ease of application and a cheaper option than its competitors. As far as I'm concerned that's a win, win, win.



OVERALL STAR RATING

Super quick and easy fix that will give the wall its integrity back with superior strength.

