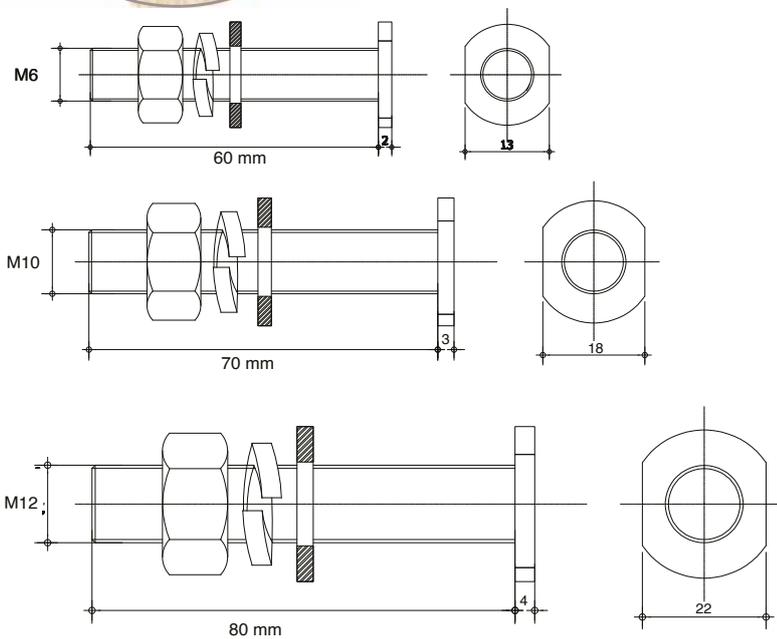
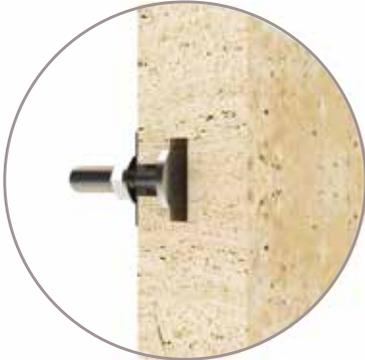


T31 Undercut Bolt - Introduction

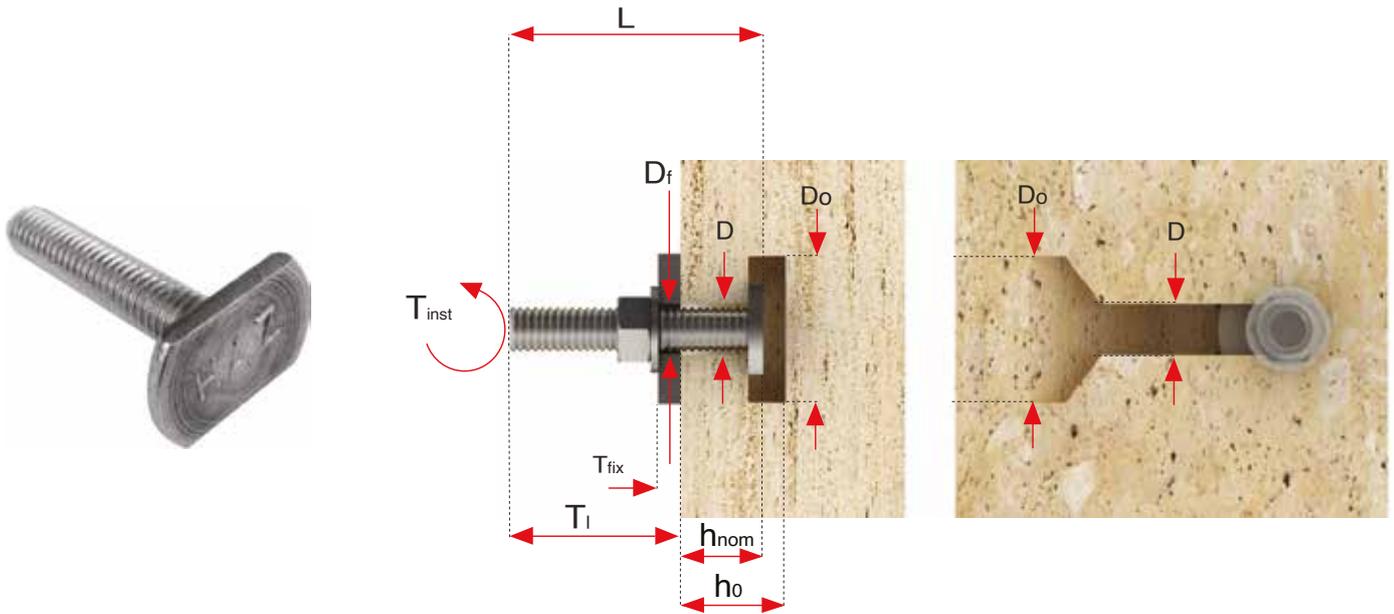
The T31 undercut bolt was developed to meet the special requirements in stone installation where the conventional pin method were not suitable. With the T31 bolts we can achieve attachments to the stone at the back surface. This provides freedom in design and creates an appearance where the joints will be clear of anchor tips. T31 undercut bolt is suitable for stone thicknesses between 20 and 50 mm.



Special drilling is made with suitable equipment to achieve the slot hole for fixing the T31 under cut bolt.

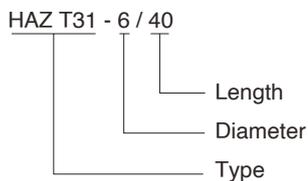


T31 Undercut Bolt - Technical Details



Product Code	Technical Details									
	Bolt Size	Stone Thickness	Drill Hole Diameter	Drill Length	Minimum Embedment	Max. Fixture Thickness	Fixture Hole Diameter	Maximum Torque	Bolt Length	Thread Length
	(mm)	St (mm)	Do (mm)	ho (mm)	h _{nom} (mm)	T _{fix} (mm)	d _f (mm)	T _{inst} (Nm)	(mm)	(mm)
T31-6/40	M6x60	40	7	21	21	5	7	7	40	37
T31-10/50	M10x50	50	11	31	31	6	11	20	50	47
T31-12/70	M12x70	70	13	41	41	8	13	35	70	66

Product Code



Application:
For fastening fixtures to natural stone

Available in:
Stainless Steel AISI 304 & AISI 316

Hard Granite Based Values

Load direction	a degree	Allowable Loads (kN)		
		M6	M10	M12
Pull out	0	1.40	2.40	3.20
Shear	90	3.00	3.40	3.80

Application Examples:

Attachments made on to brackets for stone installation direct on to walls.



Attachments made on to brackets for stone lintels, cornishes or soffits.



Fixing Instructions

