

MTLD

Mass Timber Lifting Device

The MTLD mass timber lifting device provides a fast and efficient method for erecting panels and beams. It quickly attaches to and detaches from a single screw anchored into the mass timber element, saving time during the rigging process.

Features

Material

- Steel
- Zinc electroplated

Applications

Advantage

- Fast attachment and detachment
- Attaches with a single screw
- Load-rated with multiple screw options
- Screw installed with or without milled pocket
- Directive 2006/42/EC on machinery compliant

Installation

- See Lifting Device Design Guide TEB-C-LIFTING-EU for warnings, installation instructions and information on rigging design considerations, loads, capacities, and maintenance of the MTLD.
- **Do not use the MTLD until you have read all warnings, disclaimers, instructions and information on this page and in technical bulletins TEB-C-LIFTING-EU and MANUAL-EU-MTLD.**
- **A qualified design professional must specify screw (SSH or fully threaded screw with countersunk head in diameter 12mm). Screws may be installed with drill motors in accordance with MANUAL-EU-MTLD.**

**NEW****CE****EZ**
12 µm

MTLD
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Technical Data

Product dimensions

References	Product dimensions [mm]			Package content	Weight [kg]
	A	B	C		
MTLD-R2E	78	158	53	2 lifting devices, 1 gauge	0.93

Product allowable capacities - Installation without milled pocket

References	Lifting capacity - Perpendicular screw - 1 screw					
	Allowable tension load [F] [kg]					
	$\theta = 90^\circ$			$\theta = 60^\circ$		
	SSH12.0X100	SSH12.0X160	ESCRFTC12,0X260	SSH12.0X100	SSH12.0X160	ESCRFTC12,0X260
MTLD-R2E	282	561	1126	244	486	975

Other lengths are possible, the screw's capacity must be checked by a professional designer.

Product allowable capacities - Installation with milled pocket

References	Lifting capacity - Perpendicular screw with milled pocket - 1 screw		
	Allowable tension load [F] [kg]		
	$60^\circ \leq \theta \leq 90^\circ$		
	SSH12X100	SSH12.0X160	ESCRFTC12,0X260
MTLD-R2E	282	561	1126

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Technical Notes

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