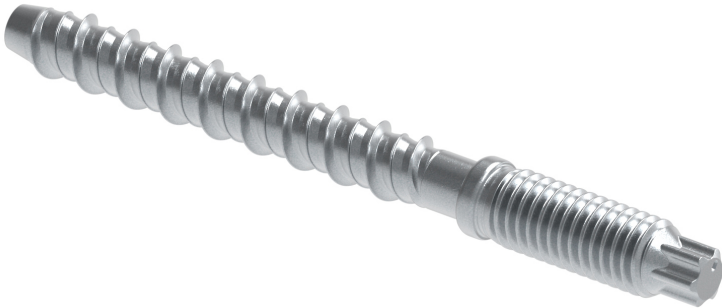


W-LX-M Concrete Screw

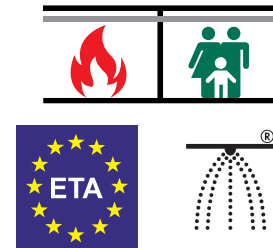
(L 03 58)

zinc-plated concrete screw with M8 external thread connection and Torx-Nut E7



Features and Benefits

- very high load capacity
- approved for use in precast prestressed hollow core slabs
- up to 3 anchoring depths provide maximum installation and design flexibility
- reduced edge and anchor spacing distances
- removable
- unique tip and thread geometry prevents concrete spalling
- material: steel
- zinc plated
- fire resistance class R30-R120 for design of anchorages under exposure to fire
- complies with VdS CEA 4001:2014-04 (05) and VdS CEA 4001:2018-01 (06) for applications with sprinkler systems in concrete elements
- substrate type:
 - cracked concrete
 - non-cracked concrete
 - precast pre-stressed hollow core slabs



Part No.	Thread (M)	L	L1	L2	d ₀	h ₀	h _{min}	h _{nom}	Rec. Tension Load C20/25 Cracked Concrete (kN)	ETA	Pack 1
62434304	M8	35 mm	27.5 mm	3.6 mm	6	45	80	35	1.42**	ETA-21/0613*	100
62434305	M8	55 mm	27.5 mm	3.6 mm	6	45/50/65	80/80/84	35/39/55	1.42/2.85/4.28**	ETA-21/0613*	100

*Performance and installation data is given for the specified European Technical Assessment. For full product data please refer to product data sheets. ETA-21/0612 according to EAD 330232-00-0601 anchoring in cracked and non-cracked concrete; ETA-21/0613 according to EAD 330747-00-0601 for multiple use for non-structural applications.

**Recommended load includes a partial safety factor and an overall partial safety factor for action of 1.4. The partial safety factor for action depends on the type of loading and shall be taken from national regulations. All anchor failure modes and the entire relevant product European Technical Assessment must be considered for anchor design.

