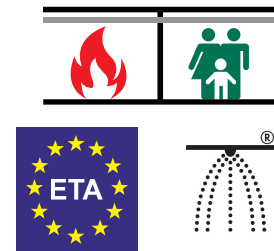
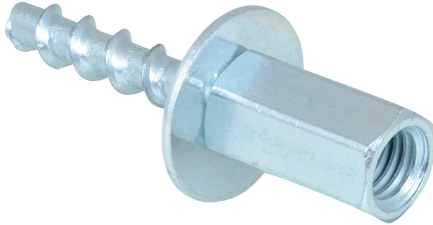


WCS1N Concrete Screw

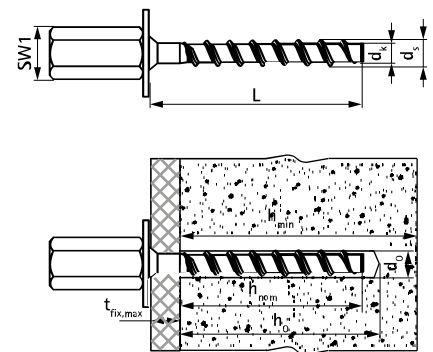
(L 03 60)

high performance concrete screw with a female internal M8/M10 thread



Features and benefits

- high load capacity
- simple and quick installation procedure
- approved for use in precast prestressed hollow core slabs
- up to 3 anchoring depths provide maximum installation flexibility
- reduced edge and anchor spacing distances
- pre- and through-fixing
- material: steel
- zinc plated
- ETA Option 1 approval for cracked and non-cracked concrete
- ETA according to EAD 330747-00-0601 for multiple use for non-structural applications
- fire resistance class R30-R120 for design of anchorages under exposure to fire
- seismic performance category C1 for design of anchorages under seismic action
- complies with VdS CE 4001:2014-04 (05) and VdS CE 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.	Code	Size	L	d _k	d _s	d ₀	h ₀	h _{min}	h _{nom}	t _{fix,max}	SW1	Rec. Tension Load C20/25 Concrete	Pack 1
6253606	WCS1N 6x35 M8/10	6	35 mm	5.1	7.5	6	40	80	35	0	13	1.43*	50
6253696	WCS1N 6x55 M8/10	6	55 mm	5.1	7.5	6	60	100	55	0	13	3.57*	50

* Recommended loads: are stated for multiple use for non-structural applications according to ETAG001, Part 6; apply to anchors correctly installed at maximum embedment depth; include 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.

For more information, please refer to the ETA report.

Complementary

WIS Brush
WIS Blow Pump
WSDS+ 3CE Concrete Drill Bit

Complementary

WSDS+ HB Hollow Block Drill Bit