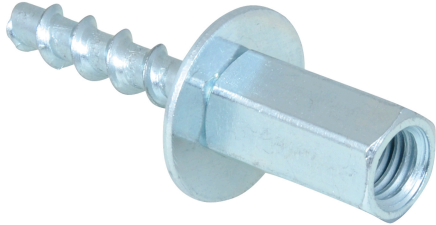


WCS1N Concrete Screw

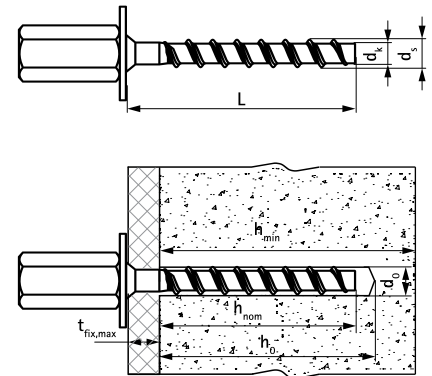
(L 03 60)

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 ETAG001 Part 6 approval for multiple use for non-structural applications
- fire resistance class R30-R120 for design of anchorages under exposure to fire
- 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}	Drive	Rec. Tension Load C20/25 Concrete (kN)	Partial Safety Factor (γ _{Mc})	Pack 1
				(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)				
625 3 606	WCS1N 6x35 M8/10	6	35 mm	5.1	7.5	6	40	80	35	0	SW13	0.60*	1.80	50
625 3 696	WCS1N 6x55 M8/10	6	55 mm	5.1	7.5	6	60	100	55	0	SW13	3.57*	1.50	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