

Screws for concrete MMS-plus type Multi-Monti®-plus, galvanised

Field of application

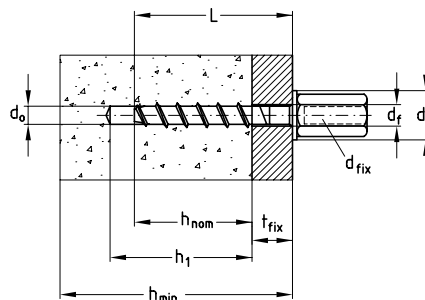
- For anchorages free of expansion pressure in cracked and non-cracked concrete
- Direct mounting of attachment parts, such as brackets, support channels, base plates, etc.
- Also applicable in lime sand brick, solid brick, clinker and natural stone

Advantages

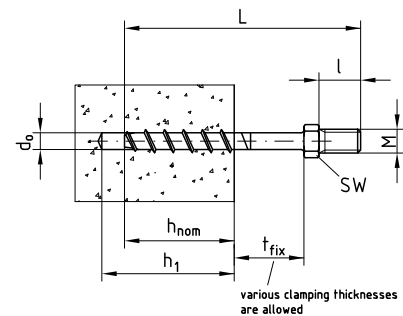
- More than 25 % reduction of assembly time per attachment point
- Versatile use in concrete and other solid building materials
- High security, no splaying effect – thus can be placed close to the edge and to other screws
- High load capacity due to form lock
- Easy to withdraw, facilitates corrections during installation
- No additional mounting or setting tools required
- European Technical Assessment for cracked and uncracked concrete
- Fire protection in concrete
- Suitable for the installation of gas mains according to the TRGI (Technical Rules for Gas Installations)
- Two effective anchorage depths for greater flexibility



Screw for concrete with internal thread anchor type I



Screw for concrete with stud type ST





Design	Thread-Ø [mm]	Length L [mm]	Connecting thread	Thread length l [mm]	Part no.	Sales unit	Pack unit
With stud type ST	7.5	70	M8	14	166642	50	pieces
		80			166643		
		100			166644		
	10.0	75	M10	11	166645	25	
		120			106528	100	
With internal thread anchor type I	7.5	40	M8/M10	23	166649	40	
		60	M8	12	166650	50	
			M8/M10	23	166651	40	
	10.0	75	M10	13	166652	25	

 Articles 106528 according to European Technical Assessment ETA-05/0010.

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Standard anchorage depth:

Features										 	
Design	Thread-Ø [mm]	Length L [mm]	Spanner width [SW]	Clamping thickness t_{fix} [mm]	Head-Ø d_k [mm]	Drilled hole-Ø d_o [mm]	Drilling depth h_1 [mm]	Anchoring depth h_{nom} [mm]	Admissible loads [kN] acc. to ETA assessment		
									cracked concrete ¹⁾	uncracked concrete ¹⁾	
With stud type ST	7.5	70	10	15	10.0	6	65	55	2.0	4.4	
		80		25							
		100		45							
	10.0	75	13	10	13.0	8	75	65	4.4	7.9	
120		55		3.7 ²⁾					4.9 ²⁾		
With internal thread anchor type I	7.5	40	17	5	14.5	6	40	35	1.0	2.0	
		60		65			55	2.0	4.4		
	10.0	75	10	19.5	8	75	65	4.4	7.9		

Reduced anchorage depth:


Features										
Design	Thread-Ø [mm]	Length L [mm]	Spanner width [SW]	Clamping thickness t_{fix} [mm]	Head-Ø d_k [mm]	Drilled hole-Ø d_o [mm]	Drilling depth h_1 [mm]	Anchoring depth h_{nom} [mm]	Admissible loads [kN] acc. to ETA assessment	
									cracked concrete ¹⁾	uncracked concrete ¹⁾
With stud type ST	7.5	70	10	35	10.0	6	40	35	1.0	2.0
		80		45						
		100		65						
	10.0	75	13	25	13.0	8	60	50	3.0	5.9
60		14.5		6					40	35
With internal thread anchor type I	7.5	60	17	5	14.5	6	40	35	1.0	2.0
		10.0		75						

¹⁾ The admissible loads apply for single anchors, concrete strength class $\geq C20/25$ (B25), for central load without influence of axial spacing and edge spacing in cracked and uncracked concrete.

The European Technical Assessment ETA-15/0784 shall be observed for dimensioning.

²⁾ The admissible loads apply for single anchors, concrete strength class $\geq C20/25$ (B25), for central load without influence of axial spacing and edge spacing in cracked and uncracked concrete.

The European Technical Assessment ETA-05/0010 shall be observed for dimensioning.

 Please refer to chapter „Technical information“ for further installation parameters.
For fitting tools please refer to chapter „Tools“.