

Screws for concrete

type Multi-Monti® MMS, 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

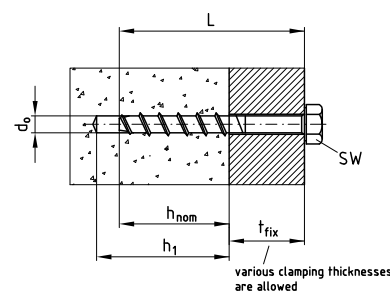
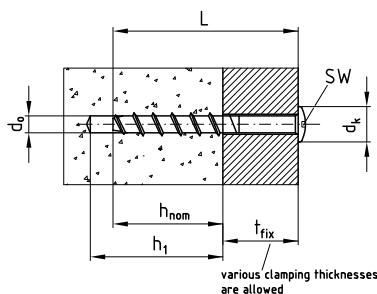
- More than 25 % reduction of assembly time per attachment point
- Versatile use in concrete and other solid building materials
- High security, no splaying effect – thus can be placed close to the edge and to other screws
- High load capacity due to form lock
- Easy to withdraw, facilitates corrections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



Screw for concrete with panhead



Screw for concrete with hexagonal head



Type	Thread-Ø [mm]	Length L [mm]	Head-Ø dk [mm]	Part no.	Sales unit	Pack unit
With hexagonal head	7.5	50	–	106521	100	pieces
		60		106522		
		80		106523		
		100		106520		
	10.0	70		106518		
		100		106516		
		120		106517		
		120		106517		
With panhead	7.5	60	14.0	139291		
		50	13.5	106534		
		50	17.0	106535		



Also available in stainless steel as well as in other versions, upon request.

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Features								
Type	Thread-Ø [mm]	Length L [mm]	Spanner width [SW]	Clamping thickness t_{fix} [mm]	Head-Ø d_k [mm]	Drilled hole-Ø d_0 [mm]	Drilling depth h_1 [mm]	Anchoring depth h_{nom} [mm]
With hexagonal head	7.5	50	13	5	–	6	55	45
		60					65	55
		80		25				
		100		45				
	10.0	70	16	5		8	75	65
		100		35				
		120		55				
With panhead	7.5	60	T30	5	14.0	6	65	55
		50	T40		13.5		55	45
			T30		17.0			

Type	Thread-Ø [mm]	Length L [mm]	Head-Ø d_k [mm]	Admissible loads [kN] acc. to ETA assessment		Admissible loads [kN] acc. to DIBt approval	
				cracked concrete ¹⁾	uncracked concrete ¹⁾	cracked concrete ²⁾	uncracked concrete ²⁾
With hexagonal head	7.5	50	–	–	–	0.5	2.0
		60		2.0	3.1	–	–
		80					
		100					
	10.0	70		3.7	4.9		
		100					
		120					
With panhead	7.5	60	14.0	2.0	3.1		
		50	13.5	–	–	0.5	2.0
			17.0				

¹⁾ The admissible loads apply for single anchors in cracked and uncracked concrete strength class C20/25 according to European Technical Assessment (ETA) 05/0010

²⁾ The admissible loads apply for single anchors in concrete strength class $\geq B25$ and $\leq B55$ for anchoring of lightweight ceiling cladding and false ceilings according to DIBt approval Z-21.1-1503



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

