

KMW-Hammer in metal fixing

Base Material:

- Concrete min C20/25
- Solid brick min 15MPa

Features:

Anchor:

- Zinc electroplated steel class min 3.6
- Zinc coating thickness min 8µm



Approvals and Reports:

- AT-15-7637/2008



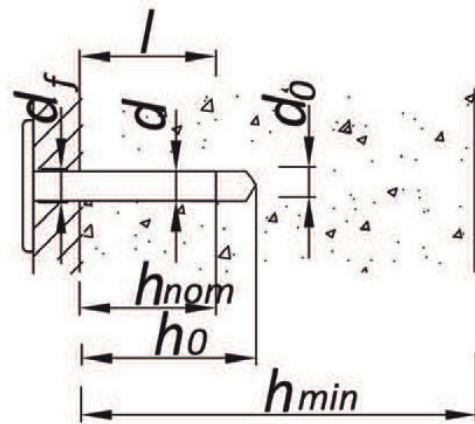
Expansion Sleeve:

- ZnAl Alloy (ZnAl4)

Size	Product Code	Anchor		Fixture	
		Diameter d [mm]	Length l [mm]	Max Thickness t _{fix} [mm]	Hole Diameter d _f [mm]
Ø5	KMW-05020	5	20	1	6
Ø6	KMW-06030	6	30	1	7
	KMW-06040		40	10	
	KMW-06050		50	20	
	KMW-06065		65	35	

Installation Data

Size		Ø5	Ø6
Anchor diameter	d [mm]	5	6
Hole diameter in substrate	d ₀ [mm]	5	6
Minimum hole depth in substrate	h ₀ [mm]	25	35
Installation depth	h _{nom} [mm]	20	30
Minimum substrate thickness	h _{min} [mm]	40	50
Minimum spacing	s _{min} [mm]	20	30
Minimum edge distance	c _{min} [mm]	20	30



Basic Performance Data

Performance data for single fixing without influence of edge distance and spacing.

Substrate		Concrete C20/25	Solid brick 15MPa
Mean Ultimate Load F_{RU,m}			
Ø5 & Ø6	[kN]	3.85	2.85
Characteristic Load F_{Rk}			
Ø5 & Ø6	[kN]	3.55	2.00
Design Load F_{Rd}			
Ø5 & Ø6	[kN]	1.40	0.80
Recommended Load F_{rec}*			
Ø5 & Ø6	[kN]	1.00	0.57

* partial safety factor 1.4

F – Force independent of direction