

Frame fixings



Metal frame plug MR

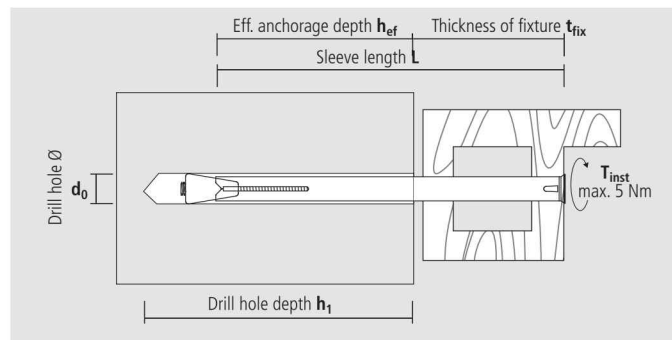


Advantages

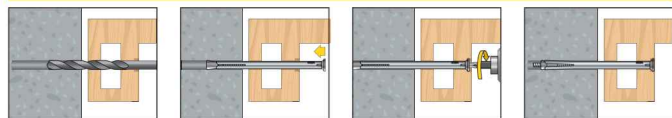
- Window frame installation free of constraint forces
- Stable metal design for distance installation
- Sendzimir zinc plated anchor sleeve for good protection against corrosion

Suitable building materials

- ✓ Concrete
- ✓ Natural stone
- ✓ Solid brick
- ✓ Solid sand-lime brick
- ✓ Lightweight solid concrete blocks
- ✓ Hollow brick
- ✓ Lightweight hollow concrete blocks



Mounting



MR with countersunk screw (PZ 3)								Price	Packing	
Type	Art-No		d ₀ [mm]	h ₁ ≥ [mm]	h _{ef} ≥ [mm]	L ¹ [mm]	t _{fix} ≤ [mm]	€/100 pcs	[pcs]	[pcs]
	new	old								
MR 10-72	91072MR	504057	10	50	30	72	42		100	600
MR 10-92	91092MR	504061	10	50	30	92	62		100	400
MR 10-112	910112MR	504063	10	50	30	112	82		100	400
MR 10-132	910132MR	504065	10	50	30	132	102		100	400
MR 10-152	910152MR	504067	10	50	30	152	122		100	400
MR 10-182	910182MR	504066	10	50	30	182	152		100	400
MR 10-202	910202MR	—	10	50	30	202	172		100	400

¹ Sleeve length

Loads F_{rec}

Type	Concrete C20/25 F _{rec} [kN]	Solid sand-lime brick KSV 12 F _{rec} [kN]	Solid brick MZ 12 F _{rec} [kN]	Lightweight solid concrete blocks V 12 F _{rec} [kN]	Hollow sand-lime brick KSL 6 F _{rec} [kN]
MR 10	1,35	1,25	1,25	0,45	0,5

F_{rec}: Recommended loads incl. safety factor of 4



plastic cap ÜK



cover cap AK

ÜK / AK for MR 10 (PZ 3)

Type	Art-No white		Art-No dark brown		Price	Packing
	new	old	new	old	€/100 pcs	[pcs]
Plastic cap ÜK	91UK	504068	9MUK	504069		100
Cover cap AK	91AKMR	504081	9MAKMR	504082		100