

METAL FRAME-FIXING ANCHOR DIA.10

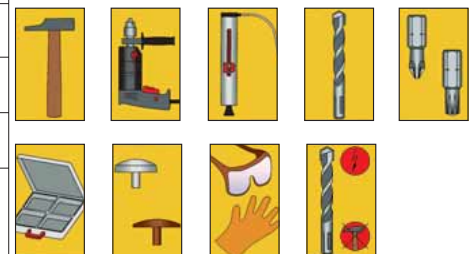
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Performance Data			
Anchor diameter [mm]		Type W-MRE (single expansion)	Type W-MRD (double expansion)
Recommended tensile load	Vertically perforated brick	F _{rec.} [kN]	(dependent upon the consistency and strength of the stones) max. 0,3
	Aerated concrete		0,3
Recommended transverse load	Vertically perforated brick	F _{rec.} [kN]	(dependent upon the consistency and strength of the stones) max. 0,3
	Aerated concrete		0,3
Fire resistance duration Masonry HLz Aerated concrete ≥ PB4	Centered tensile load	F30 [kN]	0,90
		F60 [kN]	0,60
		F90 [kN]	0,45
		F120 [kN]	0,35
	Transverse load	F30 [kN]	1,40
		F60 [kN]	0,80
		F90 [kN]	0,60
		F120 [kN]	0,50

Characteristic values		Type W-MRE (single expansion)	Type W-MRD (double expansion)
Minimum setting depth	h _{nom,min} ≥ [mm]	60	90
Drill hole depth	h ₁ ≥ [mm]	= setting depth + 5mm	= setting depth + 5mm
Nom. drill dia.	d ₀ [mm]	10	10
Hole dia. in component	d _f [mm]	10,5	10,5
Screw dia.	d _{screw} [in mm]	M6	M6
Tightening torque	T _{inst} [Nm]	8	8

Anchor dimensions		Type W-MRE				Cover caps for metal frame-fixing anchor*				Type W-MRD					
Total length	l [in mm]	112	132	152	182	curved		curved with collar		152	182				
Max. mounting height	t _{fix} [mm]	50	70	90	120	Z3 = dia. 18 AW [®] 30 = dia. 15		Z3 = dia. 16 AW [®] 30 = dia. 15		60	90				
Designation/Color		W-MRE 10/112	W-MRE 10/132	W-MRE 10/152	W-MRE 10/182	white, RAL 9010	gray RAL 7001	dark brown RAL 8016	saffron yellow RAL 1017	white, RAL 9010	gray RAL 7001	dark brown RAL 8016	saffron yellow RAL 1017	W-MRD 10/152	W-MRD 10/182
Art. No. Drive Z3 (green) Head-access hole drilled with 3 mm	Art. No.	0903 912 112	0903 912 132	0903 912 152	0903 912 182	0590 157	0590 157 5	0590 157 91	0590 157 6	0590 905 1	0590 905 2	0590 905 3	0590 905 6	0903 914 152	0903 914 182
Art. No. Drive AW [®] 30 (yellow)	Art. No.	0903 913 112	0903 913 132	-	0903 913 182	0590 730 201	-	0590 730 211	-	0590 731 201	0590 731 203	0590 731 211	-	0903 915 152	0903 915 182
Packing unit	P. Qty.	100				Z3 = 200/1000 / AW [®] 30 = 500				100					

Würth system components



Storable in *ORSY