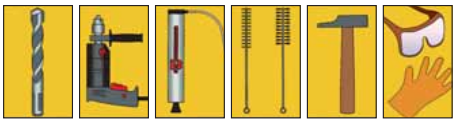
NAIL ANCHOR W-NA-M

Performance data			
Anchor diameter [mm]		**6 (h_{ef} [mm] = 25)**	**6 (h_{ef} [mm] = 30)**
Multiple attachment of non-load-bearing systems in concrete (for all load directions) for c ≥ 100 mm and s ≥ 200 mm	**F_{perm} [kN][3] ≥ C12/15**	1.4[4]	1.9[4]
	F_{perm} [kN][3] ≥ C20/25 and ≤ C50/60[1]	2.1[4]	2.8[4]
Multiple attachment of non-load-bearing systems in concrete (for all load directions) for c ≥ 50 mm and s ≥ 100 mm	**F_{perm} [kN][3] ≥ C12/15**	0.7[4]	0.9[4]
	F_{perm} [kN][3] ≥ C20/25 and ≤ C50/60[1]	0.9[4]	1.2[4]
Perm. loading under fire load (Technical Report TR 020) Axial and edge spacing, see European Technical Approval ETA-11/0339	**R30; F_{perm} [kN][2]**	0.6[5]	0.8[5]
	R60; F_{perm} [kN][2]	0.6[5]	0.7[5]
	R90; F_{perm} [kN][2]	0.5[5]	0.6[5]
	R120; F_{perm} [kN][2]	0.5[5]	0.6[5]
Permissible bending torque	**M_{perm} [Nm]**	7.3	7.3

Characteristic values			
Minimum component thickness	**h_{min} [mm]**	80	80
Effective anchoring depth	**h_{ef} [mm]**	25	30
Nom. drill dia.[3]	**d_0 [in mm]**	6	6
Drill cutting dia.[3]	**d_{cut} ≤ [mm]**	6.4	6.4
Drill hole depth	**h_0 ≥ [mm]**	35	40
Through-hole in the component being connected	**d_f ≤ [mm]**	9	9

Anchor dimensions			
Attachment height h_{ef} = 30	**t_{fix} [mm]**	–	0
Attachment height h_{ef} = 25	**$t_{fix, red}$ [mm]**	0	–
Nail Anchor W-NA-M Stepped thread M8 and M10 Galvanized steel	**Art. No.**	**0905 361 008**	**0905 361 009**
Packing unit	**P. Qty.**	100	100

Würth System Components



[1] The part safety coefficients of the resistances regulated in the approval and a part safety coefficient of the effects of γ_F = 1.4 have been taken into account. For the combination of tensile and transverse loads, for edge influence and anchor groups, please refer to the Guideline for European Technical Approval (ETAG), Appendix C.

[2] The part safety coefficients for the load-bearing capacity under a fire load of $\gamma_{M,fi}$ = 1.0 and the part safety coefficient of the effects of γ_F = 1.0 recommended in the approval are taken into account.

[3] The carbide impact drills must meet the specifications of the code of practice of the German Institute of Building Technology (Deutsches Institut für Bautechnik) and of the Tool Industry Trade Association (Fachverband Werkzeugindustrie e.V.) with regard to the "characteristic values, requirements and tests of masonry drills with carbide cutters used to drill holes for anchor installation". Würth hammer drills correspond to the specifications of the code of practice.

[4] In the case of the N-M version, evidence must be produced with a lever arm when transverse load is present.

[5] Only in conjunction with M8 and M10 threaded rods, minimum strength class 5.8.