

Declaration of Performance n. 1219-CPR-0071

According to the Regulation EU No 305/2011

ZJE01 - ZJE31 - ZJE51 - ZJE61 - ZJE71 - ZJE81

Wedge anchors

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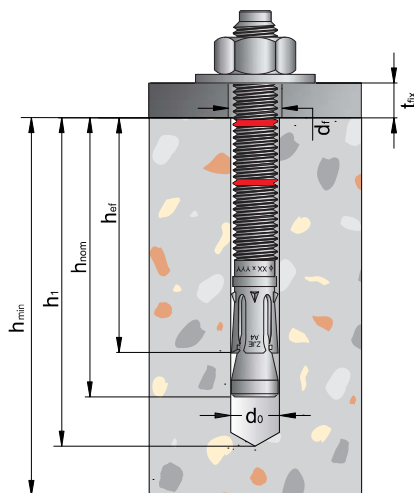
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Replaced revision: 1.01



3 - Installation



d_f	Diameter of the clearance hole in the fixture
t_{fx}	Thickness of the fixtures
d_0	Diameter of the drill hole
h_1	Depth of drill hole
h_{min}	Minimum thickness of the concrete member
h_{nom}	Overall anchor embedment depth
h_{ef}	Anchorage depth

3.1 - Installation data valid for all anchor types

Size		M6	M8	M10	M12	M14 ¹⁾	M16	M20
Diameter of the drill hole	d_0 [mm]	6	8	10	12	14	16	20
Fixture clearance hole diameter	d_f [mm]	7	9	12	14	16	18	22
Wrench size	SW [mm]	10	13	17	19	22	24	30
Installation torque moment	T_{inst} [Nm]	7	20	35	60	90	120	240
Standard embedment depth – $h_{ef, std}$								
Overall anchor embedment depth	h_{nom} [mm]	49,5	59,5	66,5	77	91	103,5	125
Minimum thickness of the concrete member	h_{min} [mm]	100	100	110	130	150	168	206
Anchorage depth	h_{ef} [mm]	40	48	55	65	75	84	103
Depth of drill hole	h_1 [mm]	55	65	75	85	100	110	135
Minimum allowable spacing	S_{min} [mm]	35	40	50	70	80	90	135
Minimum allowable edge distance	C_{min} [mm]	35	40	50	70	80	90	135
Reduced embedment depth – $h_{ef, red}$								
Overall anchor embedment depth	h_{nom} [mm]	-	46,5	53,5	62	-	84,5	97
Minimum thickness of the concrete member	h_{min} [mm]		100	100	100		130	150
Anchorage depth	h_{ef} [mm]		35	42	50		65	75
Depth of drill hole	h_1 [mm]		50	60	70		90	107
Minimum allowable spacing	S_{min} [mm]		40	50	70		90	135
Minimum allowable edge distance	C_{min} [mm]		40	50	70		90	135

¹⁾ Not valid for Stainless steel version