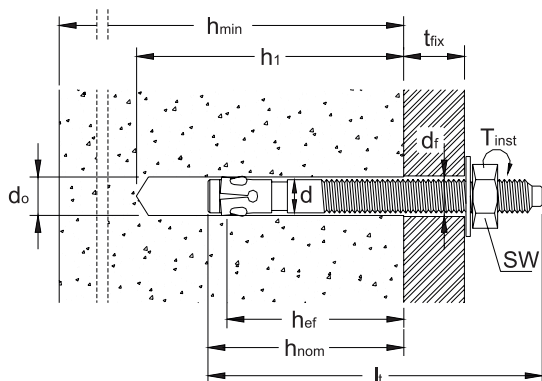


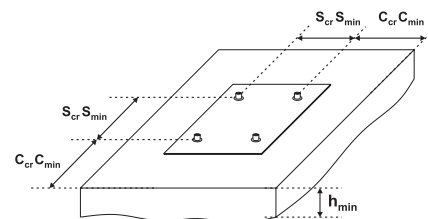
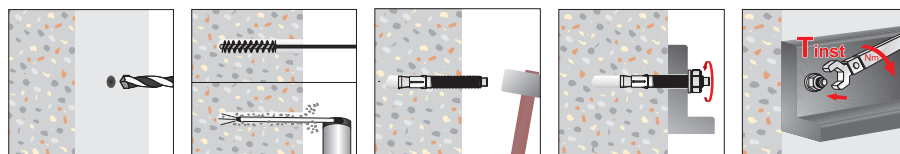
AJ 04 Wedge anchor with steel clip, assembled with hex nut and washer, zinc plated



TECHNICAL DATA SHEET



$d_{nom} \times l_t$	anchor diameter x anchor length
M	screw diameter
t_{fix}	maximum thickness of fixture
d_o	drill hole diameter
h_1	depth of drill hole
h_{min}	thickness of concrete member
h_{nom}	overall anchor embedment depth
h_{ef}	effective anchorage depth
d_f	diameter of clearance hole in the fixture
T_{inst}	required torque moment
SW	wrench size
c_{min}	minimum allowable edge distance
s_{min}	minimum allowable spacing
c_{cr}	edge distance for ensuring the transmission of the characteristic resistance of a single anchor
s_{cr}	spacing for ensuring the transmission of the characteristic resistance of a single anchor



TECHNICAL DATA AND TEST REPORT OF AJ 04 ANCHORS IN NON-CRACKED CONCRETE C20/25

Item Code	Anchor Size <i>d_{nom} × l_t(mm)</i>	<i>t_{fix}</i> (mm)	<i>d_o</i> (mm)	<i>h₁</i> (mm)	<i>h_{min}</i> (mm)	<i>h_{nom}</i> (mm)	<i>h_{ef}</i> (mm)	<i>d_f</i> (mm)	<i>T_{inst}</i> (Nm)	SW (mm)	<i>c_{min}</i> (mm)	<i>s_{min}</i> (mm)	<i>c_{cr}</i> (mm)	<i>s_{cr}</i> (mm)	CHARACTERISTIC LOADS (kN)	
															PULL OUT	SHEAR
Ø 8																
AJ 04 08 075	8 × 75	10	8	65	100	50	40	9	15	13	60	80	60	120	5,72	6,90
AJ 04 08 095	8 × 95	30														
AJ 04 08 115	8 × 115	50														
AJ 04 08 135	8 × 135	70														
Ø 10																
AJ 04 10 070	10 × 70	5	10	80	100	60	50	12	25	17	60	80	60	120	i	i
AJ 04 10 080	10 × 80	5														
AJ 04 10 090	10 × 90	15														
AJ 04 10 100	10 × 100	25														
AJ 04 10 120	10 × 120	45														
AJ 04 10 140	10 × 140	65														
Ø 12																
AJ 04 12 080	12 × 80	5	12	85	90	55	45	14	45	19	60	90	67,5	135	14,30	13,20
AJ 04 12 095	12 × 95	5														
AJ 04 12 110	12 × 110	20														
AJ 04 12 130	12 × 130	40														
AJ 04 12 160	12 × 160	70														
AJ 04 12 280	12 × 280	190														
Ø 16																
AJ 04 16 125	16 × 125	5	16	130	150	95	75	18	110	24	100	150	112,5	225	23,14	27,60
AJ 04 16 145	16 × 145	25														
AJ 04 16 180	16 × 180	60														
Ø 24																
AJ0424160	24 × 160	10	24	140	210	130	105	26	200	36	140	280	160	320	26,45	75,10
AJ0424200	24 × 200	30														
AJ0424260	24 × 260	90														
AJ0424310	24 × 310	140														

i For all specification not included in the table, please contact Tecfi Lab

Pull-out and shear showed in the table are CHARACTERISTIC LOADS from tests run on non-cracked concrete C20/25 without edge and spacing effect (Pull-out and shear loads are in kN: 1kN = 100Kg).