Tecfi S.p.A. - Sistemi di Fissaggio
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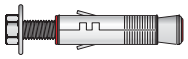
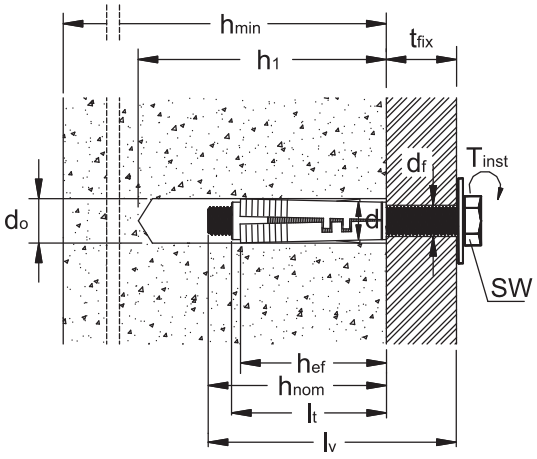
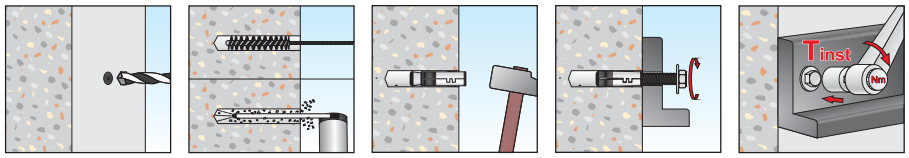
CQ 01 Ancorante a due schermature con alette e vite TE classe 8.8 e rondella, in acciaio zincato

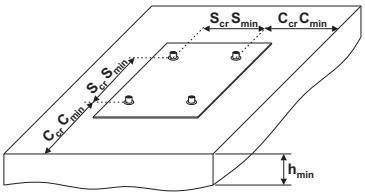


SCHEDA TECNICA



d_{nom} x l_t	diametro esterno ancorante x lunghezza ancorante
M x l_v	diametro vite x lunghezza vite
t_{fix}	spessore massimo fissabile
d_o	diametro del foro
h_1	profondità del foro
h_{min}	spessore del materiale di supporto
h_{nom}	profondità di inserimento
h_{ef}	profondità effettiva di ancoraggio
d_f	diametro del foro nell'elemento da fissare
T_{inst}	coppia di serraggio raccomandata
SW	misura chiave
c_{min}	minima distanza dal bordo consentita
s_{min}	minimo interasse consentito
c_{cr}	distanza dal bordo che assicura la trasmissione della resistenza caratteristica di un ancoraggio singolo
s_{cr}	interasse tra ancoraggi in gruppo tale da assicurare la trasmissione della resistenza caratteristica di un ancoraggio singolo





DATI TECNICI E RISULTATI DI PROVA SU ANCORANTI CQ 01 IN CALCESTRUZZO NON FESSURATO C20/25

Codice Articolo	Misura Ancorante d_{nom} x l_t (mm)	Misura Vite M x l_v (mm)	t_{fix} (mm)	d_o (mm)	h_1 (mm)	h_{min} (mm)	h_{nom} (mm)	h_{ef} (mm)	d_f (mm)	T_{inst} (Nm)	SW (mm)	c_{min} (mm)	s_{min} (mm)	c_{cr} (mm)	s_{cr} (mm)	CARICO CARATTERISTICO (kN) ESTRAZIONE	CARICO CARATTERISTICO (kN) TAGLIO
CQ 01 12 045	12 x 45	6 x 50	5	12	60	80	45	40	7	10	10	50	80	60	120	**7,69**	**7,65**
CQ 01 14 050	14 x 50	8 x 60	10	14	70	90	50	45	9	25	13	56	90	67,5	135	**8,54**	**11,99**
CQ 01 16 060	16 x 60	10 x 80	15	16	80	110	60	55	12	45	17	69	110	82,5	165	**14,07**	**19,22**
CQ 01 20 075	20 x 75	12 x 90	10	20	100	140	75	70	14	75	19	90	140	105	210	**19,03**	**25,40**
CQ 01 24 095	24 x 95	16 x 110	10	24	120	180	95	90	18	160	24	150	180	135	270	**29,97**	**37,80**

Per i dati non inseriti in tabella rivolgersi al Laboratorio Tecfi

In tabella sono indicati i CARICHI CARATTERISTICI per prove effettuate su calcestruzzo C20/25 non fessurato senza infuenza del bordo e/o dell' interasse (valori di estrazione e taglio in kN: 1kN = 100Kg).

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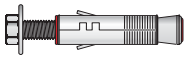
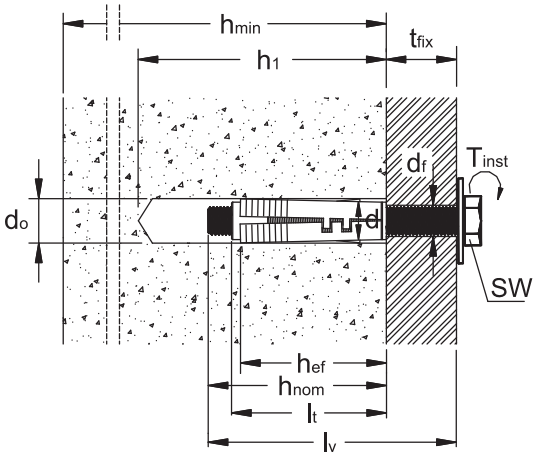
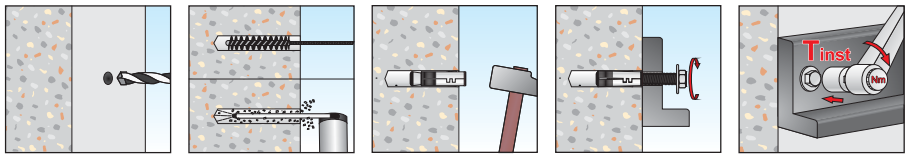
CQ 01 Zinc plated steel anchor with wings with unlosable nut, with hex head screw 8.8 grade

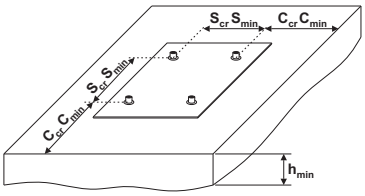


TECHNICAL DATA SHEET



d_{nom} x l_t	anchor diameter x anchor lenght
M x l_v	screw diameter x screw lenght
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 CQ 01 ANCHORS IN NON-CRACKED CONCRETE C20/25

Item Code	Anchor Size d_{nom} x l_t (mm)	Screw Size M x l_v (mm)	t_{fix} (mm)	d_o (mm)	h_1 (mm)	h_{min} (mm)	h_{nom} (mm)	h_{ef} (mm)	d_f (mm)	T_{inst} (Nm)	SW (mm)	c_{min} (mm)	s_{min} (mm)	c_{cr} (mm)	s_{cr} (mm)	CHARACTERISTIC LOADS (kN) PULL OUT	CHARACTERISTIC LOADS (kN) SHEAR
CQ 01 12 045	12 x 45	6 x 50	5	12	60	80	45	40	7	10	10	50	80	60	120	**7,69**	**7,65**
CQ 01 14 050	14 x 50	8 x 60	10	14	70	90	50	45	9	25	13	56	90	67,5	135	**8,54**	**11,99**
CQ 01 16 060	16 x 60	10 x 80	15	16	80	110	60	55	12	45	17	69	110	82,5	165	**14,07**	**19,22**
CQ 01 20 075	20 x 75	12 x 90	10	20	100	140	75	70	14	75	19	90	140	105	210	**19,03**	**25,40**
CQ 01 24 095	24 x 95	16 x 110	10	24	120	180	95	90	18	160	24	150	180	135	270	**29,97**	**37,80**

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).