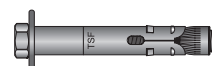
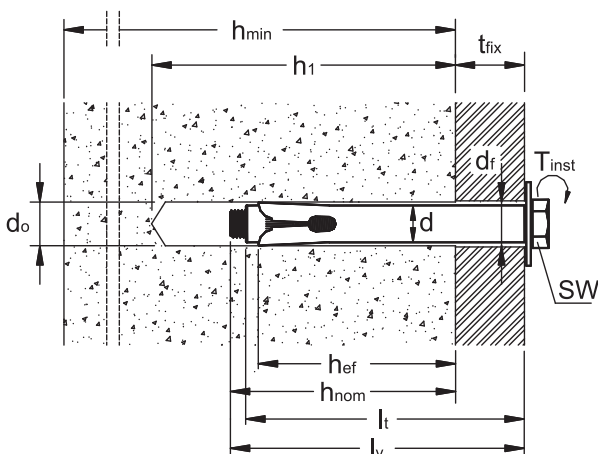


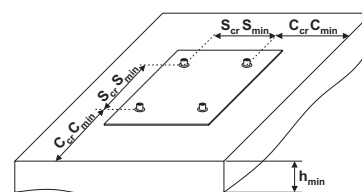
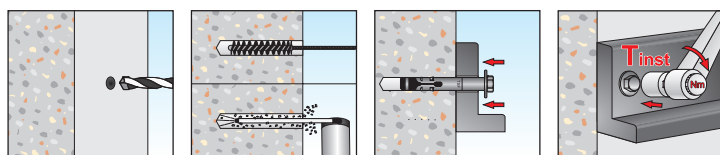
LZ 51 Ancorante in lamiera avvolta con vite TE e rondella serie larga, in acciaio INOX A2 (AISI 304)



SCHEDA TECNICA



$d_{nom} \times l_t$	diametro esterno ancorante x lunghezza ancorante
M	diametro 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 minima 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 LZ 51 IN CALCESTRUZZO NON FESSURATO C20/25

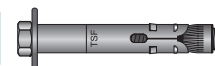
Codice Articolo	Misura Ancorante $d_{nom} \times l_t$ (mm)	Misura Vite $M \times l_v$ (mm)	t_{fix} (mm)	d_o (mm)	h_1 (mm)	h_{min} (mm)	h_{nom} (mm)	h_{ef} (mm)	d_f (mm)	T_{inst} (Nm)	SW (mm)	c_{min} (mm)	s_{min} (mm)	CARICO CARATTERISTICO (kN)	
														ESTRAZIONE	TAGLIO
Ø 8															
LZ 51 08 060	8 x 60	M6 x 60	5	8	65	90	55	45	10	15	10	70	135	2,5	4,5
LZ 51 08 075	8 x 75	M6 x 75	20												
LZ 51 08 095	8 x 95	M6 x 95	40												
LZ 51 08 115	8 x 115	M6 x 115	60												
Ø 10															
LZ 51 10 065*	10 x 65	M8 x 65	15	10	80	120	70	60	12	30	13	90	180	3,7	8,2
LZ 51 10 080	10 x 80	M8 x 80	10												
LZ 51 10 100	10 x 100	M8 x 100	30												
LZ 51 10 120	10 x 120	M8 x 120	50												
Ø 12															
LZ 51 12 065	12 x 65	M10 x 65	15	12	90	120	70	60	14	50	17	90	180	12,45	13,1
LZ 51 12 080	12 x 80	M10 x 80	10												
LZ 51 12 100	12 x 100	M10 x 100	30												
LZ 51 12 120	12 x 120	M10 x 120	50												
Ø 14															
LZ 51 14 075	14 x 75	M10 x 75	15	14	110	140	80	70	16	60	17	105	210	15,63	13,1
LZ 51 14 100	14 x 100	M10 x 100	20												
LZ 51 14 110	14 x 110	M10 x 110	30												
LZ 51 14 130	14 x 130	M10 x 130	50												
Ø 16															
LZ 51 16 075	16 x 75	M12 x 75	20	16	130	180	100	90	18	100	19	135	270	21,12	19,0
LZ 51 16 110	16 x 110	M12 x 110	15												
LZ 51 16 130	16 x 130	M12 x 130	15												

*misure con inserimento ridotto

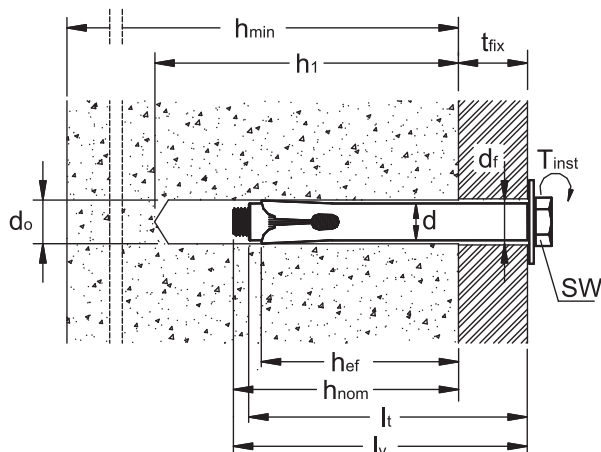
Per i dati non inseriti in tabella rivolgersi al Laboratorio Tecfi

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

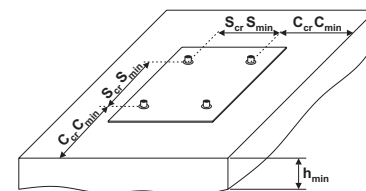
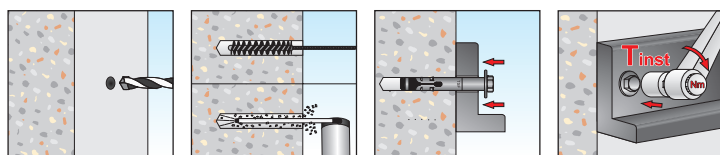
LZ 51 A2 SS sleeve anchor with A2-70 Stainless steel hex head screw and large series washer



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}	minimum 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 ON LZ 51 ANCHORS ON NON-CRACKED CONCRETE C20/25

Item Code	Item Code $d_{nom} \times l_t$ (mm)	Screw size $M \times l_v$ (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)	CHARACTERISTIC LOADS (kN)	
														PULL OUT	SHEAR
Ø 8															
LZ 51 08 060	8 x 60	M6 x 60	5	8	65	90	55	45	10	15	10	70	135	2,5	4,5
LZ 51 08 075	8 x 75	M6 x 75	20												
LZ 51 08 095	8 x 95	M6 x 95	40												
LZ 51 08 115	8 x 115	M6 x 115	60												
Ø 10															
LZ 51 10 065*	10 x 65	M8 x 65	15	10	80	120	70	60	12	30	13	90	180	3,7	8,2
LZ 51 10 080	10 x 80	M8 x 80	10												
LZ 51 10 100	10 x 100	M8 x 100	30												
LZ 51 10 120	10 x 120	M8 x 120	50												
Ø 12															
LZ 51 12 065	12 x 65	M10 x 65	15	12	90	120	70	60	14	50	17	90	180	12,45	13,1
LZ 51 12 080	12 x 80	M10 x 80	10												
LZ 51 12 100	12 x 100	M10 x 100	30												
LZ 51 12 120	12 x 120	M10 x 120	50												
Ø 14															
LZ 51 14 075	14 x 75	M10 x 75	15	14	110	140	80	70	16	60	17	105	210	15,63	13,1
LZ 51 14 100	14 x 100	M10 x 100	20												
LZ 51 14 110	14 x 110	M10 x 110	30												
LZ 51 14 130	14 x 130	M10 x 130	50												
Ø 16															
LZ 51 16 075	16 x 75	M12 x 75	20	16	130	180	100	90	18	100	19	135	270	21,12	19,0
LZ 51 16 110	16 x 110	M12 x 110	15												
LZ 51 16 130	16 x 130	M12 x 130	15												

*sizes with reduced embedment depth

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).