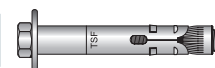
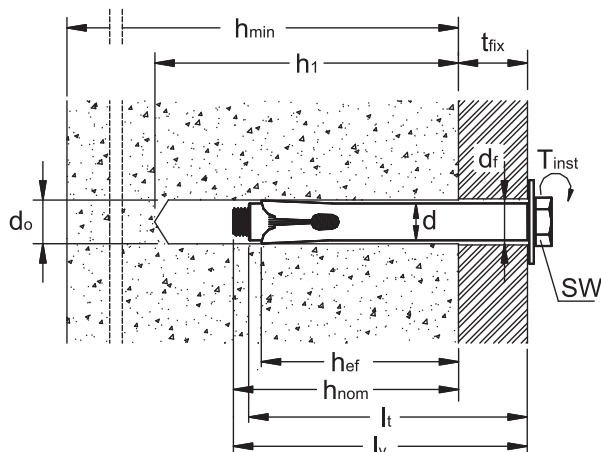


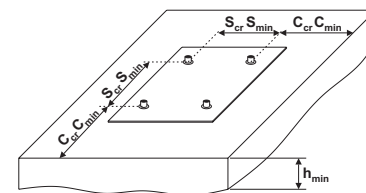
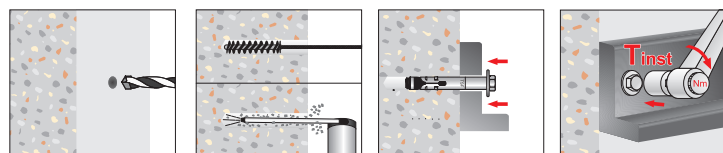
LZ 01 Ancorante in lamiera avvolta con vite TE classe 8.8 e rondella serie larga, in acciaio zincato



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



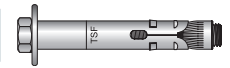
DATI TECNICI E RISULTATI DI PROVA SU ANCORANTI LZ 01 IN CALCESTRUZZO NON FESSURATO C20/25

Codice Articolo	Misura		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)	
	Ancorante $d_{nom} \times l_t$ (mm)	Misura Vite $M \times l_v$ (mm)														ESTRAZIONE	TAGLIO
Ø 8																	
LZ 01 08 045	8 x 45	M6 x 45	5	8	55	100	40	35	9	15	10	52,5	70	105	140	2,80	4,11
LZ 01 08 060	8 x 60	M6 x 60	5	8	70	100	55	45	9	20	10	67,5	90	135	180	3,00	8,01
LZ 01 08 070	8 x 70	M6 x 70	15														
LZ 01 08 080	8 x 80	M6 x 80	25														
LZ 01 08 100	8 x 100	M6 x 100	45														
LZ 01 08 120	8 x 120	M6 x 120	65														
Ø 10																	
LZ 01 10 065	10 x 65	M8 x 60	15	10	70	100	50	45	12	25	13	67,5	90	135	180	8,07	11,52
LZ 01 10 080	10 x 80	M8 x 65	10	10	90	120	70	60	12	30	13	90	120	180	240	11,40	13,87
LZ 01 10 100	10 x 100	M8 x 80	30														
LZ 01 10 120	10 x 120	M8 x 100	50														
LZ 01 10 140	10 x 140	M8 x 120	70														
Ø 12																	
LZ 01 12 065	12 x 65	M10 x 65	15	12	70	100	50	45	14	45	17	67,5	90	135	180	8,40	17,52
LZ 01 12 075	12 x 75	M10 x 75	15	12	80	110	60	55	14	45	17	82,5	110	165	220	9,15	19,71
LZ 01 12 100	12 x 100	M10 x 80	30	12	90	120	70	60	14	50	17	90	120	180	240	15,20	22,05
LZ 01 12 120	12 x 120	M10 x 100	50														
LZ 01 12 150	12 x 150	M10 x 120	80														
Ø 14																	
LZ 01 14 075	14 x 75	M10 x 75	15	14	90	110	60	55	16	45	17	82,5	110	165	220	9,45	19,71
LZ 01 14 085	14 x 85	M10 x 85	5	14	110	140	80	70	16	60	17	105	140	210	280	23,76	22,05
LZ 01 14 100	14 x 100	M10 x 100	20														
LZ 01 14 120	14 x 120	M10 x 120	40														
LZ 01 14 150	14 x 150	M10 x 150	70														
Ø 16																	
LZ 01 16 075	16 x 75	M12 x 75	15	16	90	110	60	55	18	110	19	82,5	110	165	220	11,96	24,57
LZ 01 16 110	16 x 110	M12 x 110	10	16	130	180	100	90	18	100	19	135	180	270	360	28,52	32,01
LZ 01 16 130	16 x 130	M12 x 130	30														
LZ 01 16 150	16 x 150	M12 x 150	50														
Ø 20																	
LZ 01 20 120	20 x 120	M16 x 120	10	20	150	190	110	95	22	150	24	143	190	285	380	33,28	52,50
LZ 01 20 160	20 x 160	M16 x 160	50														

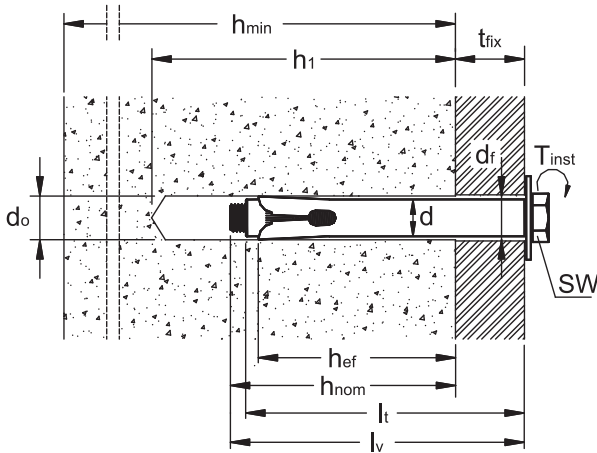
Per i dati non inseriti in tabella rivolgersi al Laboratorio Tecfi

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).

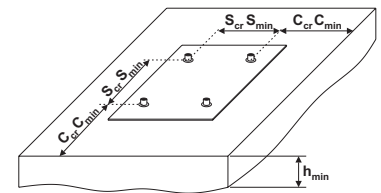
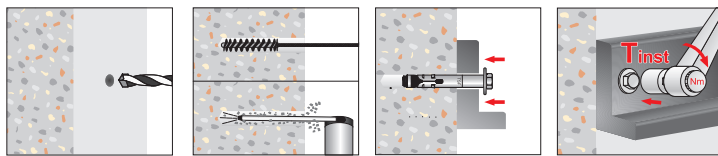
LZ 01 Sleeve anchor with hex head screw 8.8 grade, zinc plated



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}	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 01 ANCHORS ON NON-CRACKED CONCRETE C20/25

Item Code	Anchor Size $d_{nom} \times l_t$ (mm)	Screw Size $M \times l_s$ (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	SHEAR
Ø 8																	
LZ 01 08 045	8 x 45	M6 x 45	5	8	55	100	40	35	9	15	10	52,5	70	105	140	2,80	4,11
LZ 01 08 060	8 x 60	M6 x 60	5	8	70	100	55	45	9	20	10	67,5	90	135	180	3,00	8,01
LZ 01 08 070	8 x 70	M6 x 70	15														
LZ 01 08 080	8 x 80	M6 x 80	25														
LZ 01 08 100	8 x 100	M6 x 100	45														
LZ 01 08 120	8 x 120	M6 x 120	65														
Ø 10																	
LZ 01 10 065	10 x 65	M8 x 60	15	10	70	100	50	45	12	25	13	67,5	90	135	180	8,07	11,52
LZ 01 10 080	10 x 80	M8 x 65	10	10	90	120	70	60	12	30	13	90	120	180	240	11,40	13,87
LZ 01 10 100	10 x 100	M8 x 80	30														
LZ 01 10 120	10 x 120	M8 x 100	50														
LZ 01 10 140	10 x 140	M8 x 120	70														
Ø 12																	
LZ 01 12 065	12 x 65	M10 x 65	15	12	70	100	50	45	14	45	17	67,5	90	135	180	8,40	17,52
LZ 01 12 075	12 x 75	M10 x 75	15	12	80	110	60	55	14	45	17	82,5	110	165	220	9,15	19,71
LZ 01 12 100	12 x 100	M10 x 80	30	12	90	120	70	60	14	50	17	90	120	180	240	15,20	22,05
LZ 01 12 120	12 x 120	M10 x 100	50														
LZ 01 12 150	12 x 150	M10 x 120	80														
Ø 14																	
LZ 01 14 075	14 x 75	M10 x 75	15	14	90	110	60	55	16	45	17	82,5	110	165	220	9,45	19,71
LZ 01 14 085	14 x 85	M10 x 85	5	14	110	140	80	70	16	60	17	105	140	210	280	23,76	22,05
LZ 01 14 100	14 x 100	M10 x 100	20														
LZ 01 14 120	14 x 120	M10 x 120	40														
LZ 01 14 150	14 x 150	M10 x 150	70														
Ø 16																	
LZ 01 16 075	16 x 75	M12 x 75	15	16	90	110	60	55	18	110	19	82,5	110	165	220	11,96	24,57
LZ 01 16 110	16 x 110	M12 x 110	10	16	130	180	100	90	18	100	19	135	180	270	360	28,52	32,01
LZ 01 16 130	16 x 130	M12 x 130	30														
LZ 01 16 150	16 x 150	M12 x 150	50														
Ø 20																	
LZ 01 20 120	20 x 120	M16 x 120	10	20	150	190	110	95	22	150	24	143	190	285	380	33,28	52,50
LZ 01 20 160	20 x 160	M16 x 160	50														

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).