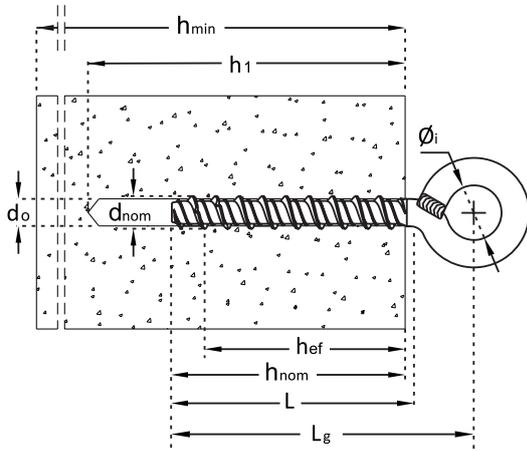


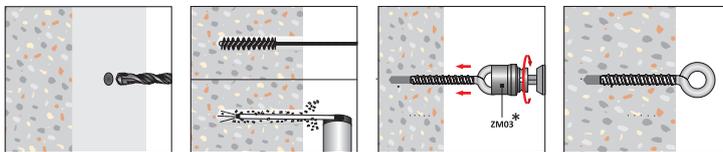
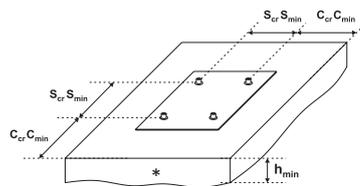
FX 01 Welded eyebolt (eye \varnothing i 23 mm) concrete screw (Patented thread), carbon steel, hardened, zinc plated, for scaffolding fixing to buildings (scaffolding must lean on the floor)



TECHNICAL DATA SHEET



$\varnothing \times L$	anchor diameter x anchor length
L_g	length at the eyelet
d_0	drill hole diameter
\varnothing_i	internal eyebolt 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
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



* An installation with the special ZM03 TECFI® impact socket is recommended

TECHNICAL DATA AND TEST REPORT OF FX 01 ANCHORS IN NON-CRACKED CONCRETE C20/25

Geometrical and installation data

Item Code	Anchor Size $\varnothing \times L \times l_g$ (mm)	d_0 (mm)	\varnothing_i (mm)	h_1 (mm)	h_{min} (mm)	h_{nom} (mm)	h_{ef} (mm)	c_{min} (mm)	s_{min} (mm)	c_{cr} (mm)	s_{cr} (mm)
\varnothing 14 / \varnothing hole: 12 mm											
FX 01 14 080	14 x 80 / 105	12	23	95	125	75	61	60	60	95	190
FX 01 14 105	14 x 105 / 130	12	23	115	160	100	80	60	60	120	240

Characteristic Loads

Item Code	Anchor Size $\varnothing \times L \times l_g$ (mm)	PULL OUT	SHEAR						
		(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)
		C20/25		C30/37		C40/50		C50/60	
FX 01 14 080	14 x 80 / 105	16,60	17,50	17,86	17,50	20,03	17,50	21,90	17,50
FX 01 14 105	14 x 105 / 130	20,45	17,50	25,00	17,50	25,00	17,50	25,00	17,50

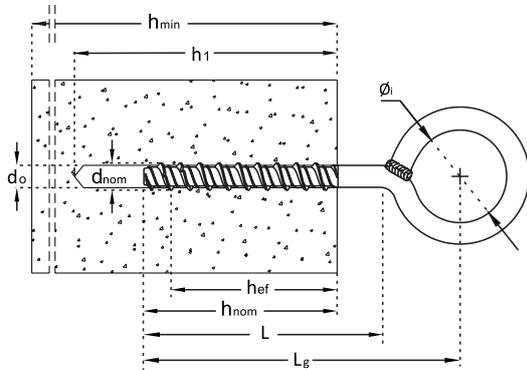
For all specification not included in the table, please contact Tecfi Lab

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).

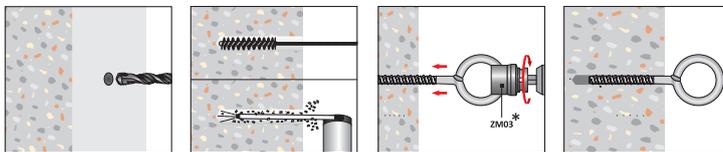
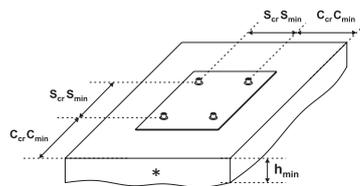
FXL 01 Welded eyebolt concrete screw (Patented thread), carbon steel, hardened, zinc plated eye ϕ_i 50 mm



TECHNICAL DATA SHEET



$\phi \times L$	anchor diameter x anchor length
L_g	length at the eyelet
d_o	drill hole diameter
ϕ_i	internal eyebolt diameter
h_1	depth of drill hole
h_{min}	minimum thickness of concrete member
h_{nom}	minimum overall anchor embedment depth
h_{ef}	effective anchorage depth
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 FXL 01 ANCHORS IN NON-CRACKED CONCRETE C20/25

Geometrical and installation data

Item Code	Anchor Size $\phi \times L \times l_g$ (mm)	d_o (mm)	ϕ_i (mm)	h_1 (mm)	h_{min} (mm)	h_{nom} (mm)	h_{ef} (mm)	c_{min} (mm)	s_{min} (mm)	c_{cr} (mm)	s_{cr} (mm)
ϕ 14 / ϕ foro: 12 mm											
FXL 01 14 110	14 x 110 / 150	12	51	120	160	100	80	60	60	120	240
FXL 01 14 170	14 x 170 / 210	12	51	120	160	100	80	60	60	120	240

Characteristic Loads

Item Code	Anchor Size $\phi \times L \times l_g$ (mm)	PULL OUT	Characteristic bending moment						
		(kN)	(Nm)	(kN)	(Nm)	(kN)	(Nm)	(kN)	(Nm)
		C20/25		C30/37		C40/50		C50/60	
FXL 01 14 110	14 x 110 / 150	16,79	31	17,24	31	17,50	31	17,50	31
FXL 01 14 170	14 x 170 / 210								

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).