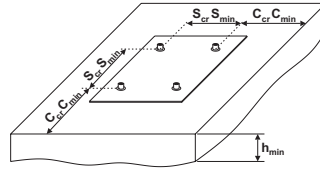
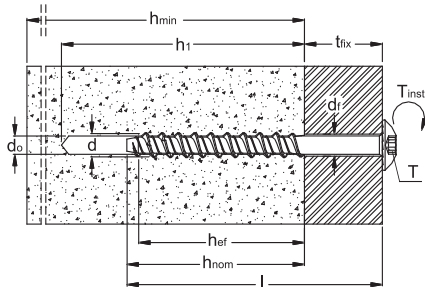


HXT 01 Patented mushroom head with serration concrete screw



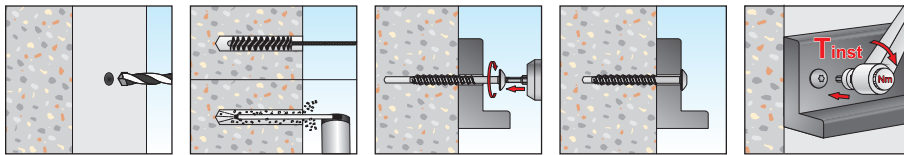
TECHNICAL DATA SHEET



$d_v \times l_v$	screw diameter x screw length
t_{fix}	maximum thickness of fixture
d_0	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
T	6 lobe recess
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

Coating:

Special grey finishing, made of zinc-aluminium flake, with a corrosion resistance of minimum 500 h in neutral salt spray test (tests according to ISO 9227)



TECHNICAL DATA AND TEST REPORT OF HXT 01 SCREWS IN NON-CRACKED CONCRETE C20/25

Item Code	Screw size $d_v \times l_v$ (mm)	t_{fix} (mm)	d_0 (mm)	h_1 (mm)	h_{min} (mm)	h_{nom} (mm)	h_{ef} (mm)	d_f (mm)	T_{inst} (Nm)	T	c_{min} (mm)	s_{min} (mm)	c_{cr} (mm)	s_{cr} (mm)	CHARACTERISTIC LOADS (kN)	
															PULL OUT	SHEAR
Ø 8																
HXT 01 08 060	7,8 x 60	10	6	65	100	50	45	9	20	T30	45	45	75	150	7,6	14,1
HXT 01 08 080	7,8 x 80	20	6	75	110	60	55	9	20	T30	45	45	90	180	11,2	14,1
HXT 01 08 100	7,8 x 100	40														
HXT 01 08 120	7,8 x 120	60														
Ø 10																
HXT 01 10 060	10 x 60	10	8	70	100	50	45	12	50	T40	55	55	75	150	9,2	23,4
HXT 01 10 080	10 x 80	10	8	90	130	70	65	12	50	T40	55	55	105	210	15,6	23,4
HXT 01 10 100	10 x 100	30														
HXT 01 10 120	10 x 120	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).