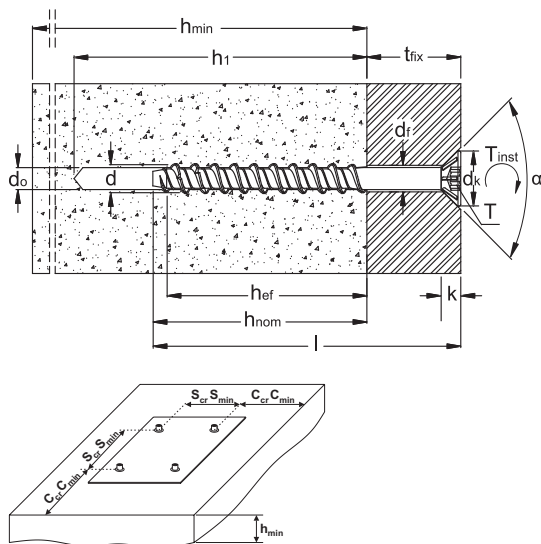


## HXS 01 Vite TPS impronta a 6 lobi, speciale finitura, per fissaggi su calcestruzzo



### SCHEDA TECNICA



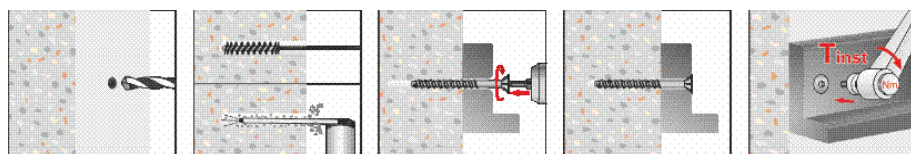
$d_v \times l_v$	diámetro vite x longitudine vite
$t_{fix}$	spessore massimo fissabile
$d_k$	diámetro testa
$k$	altezza testa
$\alpha$	angolo svasatura
$d_0$	diámetro del foro
$h_1$	profondità del foro
$h_{min}$	spessore del materiale di supporto
$h_{nom}$	profondità di inserimento
$h_{ef}$	profondità effettiva di ancoraggio
$d_f$	diámetro del foro nell'elemento da fissare
$T_{inst}$	coppia di serraggio raccomandata
$T$	impronta a 6 lobi
$c_{min}$	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

### Informazioni aggiuntive

Materiale: Acciaio al carbonio cementato

Reazione al fuoco: A1 in accordo alla EN 13501-1

Rivestimento: Tecfi Steel Saver® 500h. Zinco lamellare secondo UNI EN ISO 10683



### Speciale finitura "Steel Saver®"

Le finiture speciali "Steel Saver 500h" di Tecfi garantiscono elevatissime resistenze alla corrosione in nebbia salina, fino a 10 volte superiori alle normali zincature galvaniche.

### DATI TECNICI E RISULTATI DI PROVA SU VITI HXS 01 IN CALCESTRUZZO NON FESSURATO C20/25

Codice Articolo	Misura vite $d_v \times l_v$ (mm)	$t_{fix}$ (mm)	$d_k$ (mm)	$k$ (mm)	$\alpha$ (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)	CARICO CARATTERISTICO (kN)	
																		ESTRAZIONE	TAGLIO
<b>Ø 6</b>																			
HXS 01 06 060	6,6 x 60	10	12	5,5	90°	5	65	100	50	40	7	15	T 30	40	40	60	120	<b>6,8</b>	<b>6</b>
HXS 01 06 080	6,6 x 80	30																	
HXS 01 06 100	6,6 x 100	50																	
HXS 01 06 120	6,6 x 120	70																	
<b>Ø 8</b>																			
HXS 01 08 045	7,8 x 45	5	16	6	90°	6	75	100	60	50	9	20	T 30	30	30	45	90	<b>6,8</b>	<b>8,8</b>
HXS 01 08 060	7,8 x 60	10																	
HXS 01 08 070	7,8 x 70	10																	
HXS 01 08 080	7,8 x 80	20																	
HXS 01 08 100	7,8 x 100	40																	
HXS 01 08 120	7,8 x 120	60																	
HXS 01 08 140	7,8 x 140	80																	
<b>Ø 10</b>																			
HXS 01 10 080	10 x 80	10	20	7	90°	8	90	110	70	55	12	50	T 40	55	55	82,5	165	<b>15,6</b>	<b>18</b>
HXS 01 10 100	10 x 100	30																	
HXS 01 10 120	10 x 120	50																	
HXS 01 10 140	10 x 140	70																	
HXS 01 10 160	10 x 160	90																	
<b>Ø 12</b>																			
HXS 01 12 100	12 x 100	20	24	8,5	90°	10	100	120	80	60	14	80	T 50	60	60	90	180	<b>20</b>	<b>28</b>
HXS 01 12 120	12 x 120	40																	
HXS 01 12 140	12 x 140	60																	
HXS 01 12 180	12 x 180	100																	

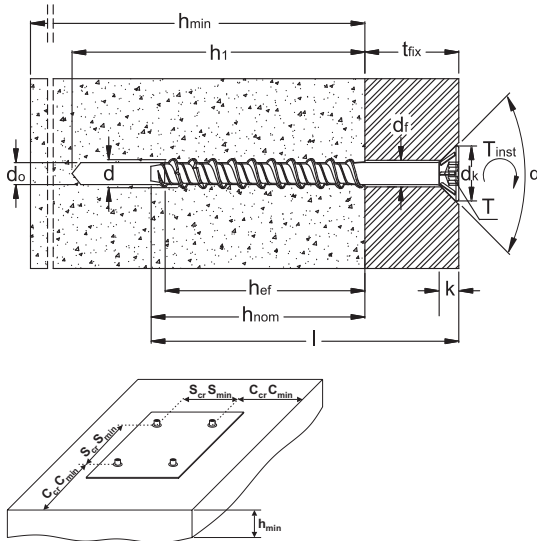
Per i dati non inseriti in tabella rivolgersi al Laboratorio Tecfi

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).

## HXS 01 Patented flat CSK head concrete screw with ribs, special finish



### TECHNICAL DATA SHEET



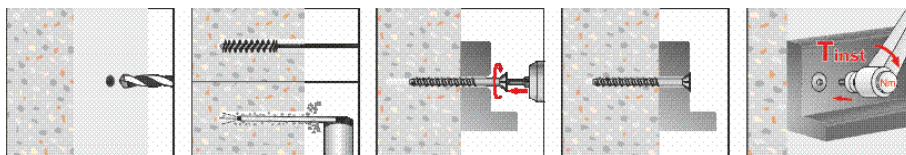
$d_v \times l_v$	screw diameter x screw length
$t_{fix}$	maximum thickness of fixture
$d_k$	head diameter
$k$	head height
$\alpha$	countersunk angle
$d_0$	drill hole diameter
$h_1$	depth of drill hole
$h_{min}$	thickness of concrete member
$h_{nom}$	overall anchor embedment depth
$h_{ef}$	effective anchorage 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

#### Additional information

Material: Case hardened carbon steel

Fire reaction: A1 according to EN 13501-1

Coating: Tecfi Steel Saver® 500h. Zinc flake coating as per ISO 10683



#### "Steel Saver" special coating

Tecfi "Steel Saver" 500h" special coating guarantees a very high Salt Spray Test corrosion resistance, up to 10 times higher than standard zinc plating coatings.

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

Item Code	Screw size $d_v \times l_v$ (mm)	$t_{fix}$ (mm)	$d_k$ (mm)	$k$ (mm)	$\alpha$ (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
<b>Ø 6</b>																			
HXS 01 06 060	6,6 x 60	10	12	5,5	90°	5	65	100	50	40	7	15	T 30	40	40	60	120	<b>6,8</b>	<b>6</b>
HXS 01 06 080	6,6 x 80	30																	
HXS 01 06 100	6,6 x 100	50																	
HXS 01 06 120	6,6 x 120	70																	
<b>Ø 8</b>																			
HXS 01 08 045	7,8 x 45	5	16	6	90°	6	75	100	60	50	9	20	T 30	30	30	45	90	<b>6,8</b>	<b>8,8</b>
HXS 01 08 060	7,8 x 60	10																	
HXS 01 08 070	7,8 x 70	10																	
HXS 01 08 080	7,8 x 80	20																	
HXS 01 08 100	7,8 x 100	40																	
HXS 01 08 120	7,8 x 120	60																	
HXS 01 08 140	7,8 x 140	80																	
<b>Ø 10</b>																			
HXS 01 10 080	10 x 80	10	20	7	90°	8	90	110	70	55	12	50	T 40	55	55	82,5	165	<b>15,6</b>	<b>18</b>
HXS 01 10 100	10 x 100	30																	
HXS 01 10 120	10 x 120	50																	
HXS 01 10 140	10 x 140	70																	
HXS 01 10 160	10 x 160	90																	
<b>Ø 12</b>																			
HXS 01 12 100	12 x 100	20	24	8,5	90°	10	100	120	80	60	14	80	T 50	60	60	90	180	<b>20</b>	<b>28</b>
HXS 01 12 120	12 x 120	40																	
HXS 01 12 140	12 x 140	60																	
HXS 01 12 180	12 x 180	100																	

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).