

## DGE 02

Resina Vinilestere bicomponente senza stirene

CERTIFICATA ETA-CE PER CALCESTRUZZO FESSURATO E NON FESSURATO



## SCHEDA TECNICA



**DGE 02 00 300** (300 ml)

Sinto 3000 ST-VE

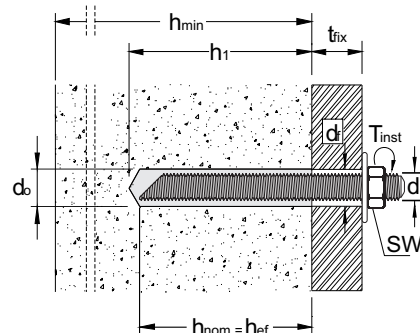
**DGE 02 00 345** (345 ml)

Sinto 3500 ST-VE

**DGE 02 00 400** (400 ml)

Sinto 4000 ST-VE

d [mm]	Diametro barra
h <sub>min</sub> [mm]	Spessore minimo del supporto
d <sub>o</sub> [mm]	Diametro foro
h <sub>1</sub> [mm]	Profondità del foro
h <sub>nom</sub> [mm]	Profondità di inserimento
h <sub>ef</sub> [mm]	Profondità effettiva ancoraggio
S <sub>min</sub> [mm]	Interasse minimo
C <sub>min</sub> [mm]	Distanza minima dal bordo
d <sub>r</sub> [mm]	Diametro foro spessore fissabile
Sw [mm]	Chiave
T <sub>inst</sub> [Nm]	Coppia di serraggio



### TEMPI DI POSA

Temperatura Resina	+ 5°C	+ 10°C	+ 15°C	+ 20°C	+ 25°C	+ 30°C
	min (') / h	min (') / h	min (') / h	min (') / h	min (') / h	min (') / h
Tempo di lavorabilità	25'	16	11'	7'	5'	3'
Attesa per la messa in carico	8 h	4 h	3 h	2 h	1 h 30'	1 h

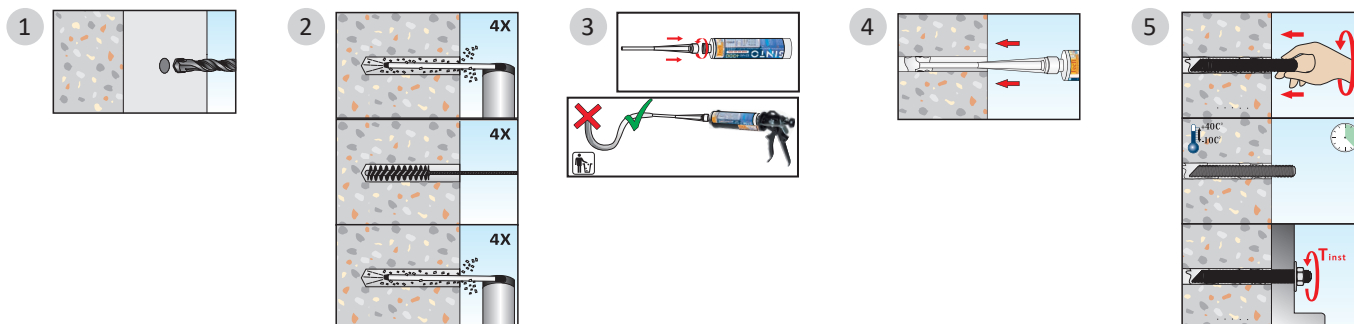
+ 5°C Temperatura minima del prodotto per l'applicazione

## PARAMETRI DI INSTALLAZIONE E CARICHI RACCOMANDATI

MATERIALE	diametro barra	tipologia di barra	spessore min. del supporto	diametro foro	profondità del foro	profondità di inserimento	profondità eff. ancoraggio	interasse caratteristico	distanza dal bordo caratteristica	interasse min.	distanza min. dal bordo	spess. fissabile max	diametro foro spess. fissabile	chiave	coppia di serraggio
Legno	d [mm]		h <sub>min</sub> [mm]	d <sub>o</sub> [mm]	h <sub>1</sub> [mm]	h <sub>nom</sub> [mm]	h <sub>ef</sub> [mm]	S <sub>cr</sub> [mm]	C <sub>cr</sub> [mm]	S <sub>min</sub> [mm]	C <sub>min</sub> [mm]	t <sub>fix</sub> [mm]	d <sub>r</sub> [mm]	Sw [mm]	T <sub>inst</sub> [Nm]
	M8	≥ 4.6	160	10	85	80	80	100	80	50	50	10	9	13	7
	M10	≥ 4.6	200	12	105	100	100	125	100	50	50	20	12	17	15
	M12	≥ 4.6	240	14	125	120	120	150	120	60	60	30	14	19	25
	M16	≥ 4.6	320	18	165	160	160	200	160	80	80	35	18	24	30

MATERIALE	diametro barra	tipologia di barra	carico consigliato a trazione	carico consigliato a taglio
Legno	d [mm]		N <sub>rec</sub> [kN]	V <sub>rec</sub> [kN]
	M8	≥ 4.6	3,2	per i valori a taglio riferirsi alle istruzioni CNR-DT 206/2007 (7.10.2.3)
	M10	≥ 4.6	4,2	
	M12	≥ 4.6	6,1	
	M16	≥ 4.6	10,7	

## SEQUENZA DI INSTALLAZIONE



## DGE 02

Dual component Vinylester resin styren free  
 CERTIFIED ETA-CE FOR CRACKED AND NON-CRACKED CONCRETE

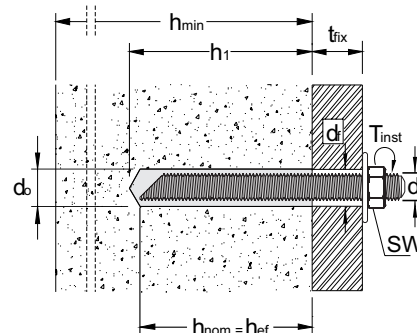


### TECHNICAL DATA SHEET



**DGE 02 00 300** (300 ml)  
 Sinto 3000 ST-VE  
**DGE 02 00 345** (345 ml)  
 Sinto 3500 ST-VE  
**DGE 02 00 400** (400 ml)  
 Sinto 4000 ST-VE

d [mm]	Rod diameter
h <sub>min</sub> [mm]	Minimum thickness of base material
d <sub>0</sub> [mm]	Hole diameter
h <sub>1</sub> [mm]	Hole depth
h <sub>nom</sub> [mm]	Embedment depth
h <sub>ef</sub> [mm]	Effective anchorage depth
S <sub>min</sub> [mm]	Minimum allowable spacing
C <sub>min</sub> [mm]	Minimum allowable edge distance
d <sub>r</sub> [mm]	Diameter of clearance hole in the fixture
Sw [mm]	Key
T <sub>inst</sub> [Nm]	Installation torque



#### SETTING TIMES

RESIN TEMPERATURE	+ 5°C	+ 10°C	+ 15°C	+ 20°C	+ 25°C	+ 30°C
	min (') / h	min (') / h	min (') / h	min (') / h	min (') / h	min (') / h
Open time	25'	16	11'	7'	5'	3'
Curing time	8 h	4 h	3 h	2 h	1 h 30'	1 h

+ 5°C Minimum product temperature for application

### INSTALLATION DATA AND RECOMMENDED LOADS

MATERIAL	rod diameter	type of rod	min. thickness base material	hole diameter	hole depth	embedment depth	effective anchorage depth	characteristic spacing	characteristic edge distance	min. allowable spacing	min. allowable edge distance	max fixture thickness	diameter of clearance hole in the fixture	key	installation torque
Wood	d [mm]		h <sub>min</sub> [mm]	d <sub>0</sub> [mm]	h <sub>1</sub> [mm]	h <sub>nom</sub> [mm]	h <sub>ef</sub> [mm]	S <sub>cr</sub> [mm]	C <sub>cr</sub> [mm]	S <sub>min</sub> [mm]	C <sub>min</sub> [mm]	t <sub>fix</sub> [mm]	d <sub>r</sub> [mm]	Sw [mm]	T <sub>inst</sub> [Nm]
	M8	≥ 4.6	160	10	85	80	80	100	80	50	50	10	9	13	7
	M10	≥ 4.6	200	12	105	100	100	125	100	50	50	20	12	17	15
	M12	≥ 4.6	240	14	125	120	120	150	120	60	60	30	14	19	25
	M16	≥ 4.6	320	18	165	160	160	200	160	80	80	35	18	24	30

MATERIAL	rod diameter	type of rod	recommended tensile load	recommended shear load
Wood	d [mm]		N <sub>rec</sub> [kN]	V <sub>rec</sub> [kN]
	M8	≥ 4.6	3,2	For shear loads refer to CNR-DT 206/2007 (7.10.2.3)
	M10	≥ 4.6	4,2	
	M12	≥ 4.6	6,1	
	M16	≥ 4.6	10,7	

### INSTALLATION SEQUENCE

