

Spin In Quartz Capsules



SUPPLEMENTARY DATA

INFLUENCE OF CONCRETE STRENGTH

Concrete strength		C20/25	C30/37	C40/50	C50/60
Cylinder	N/mm ²	20	30	40	50
Cube	N/mm ²	25	37	50	60
Factor	Cracked	1.0	1.14	1.26	1.34

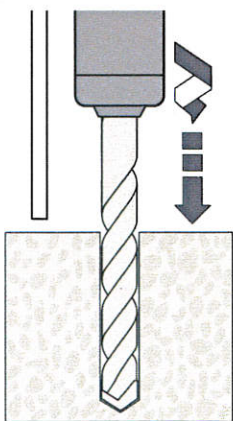
Important Note:

When using concrete factors ensure that loads do not exceed Steel Design Resistance.

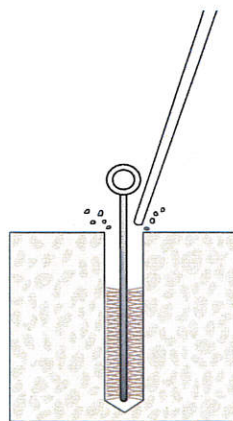
STEEL DESIGN RESISTANCE FOR SINGLE ANCHOR

Load Type	Steel Grade	Threaded Rod Size						
		M8	M10	M12	M16	M20	M24	M30
Tensile (kN)	High Tensile Grade 8.8	19.3	30.7	44.7	84.0	130.7	188.0	299.3
	Stainless Steel Grade A4-70	13.7	21.6	31.1	57.9	90.5	130.0	206.8
	Grade 5.8	12.0	19.3	28.0	52.7	82.0	118.0	187.3
Shear (kN)	High Tensile Grade 8.8	12.0	18.4	27.2	50.4	78.4	112.8	179.2
	Stainless Steel Grade A4-70	8.3	12.8	19.2	35.3	55.1	79.5	125.6
	Grade 5.8	7.2	12.0	16.8	31.2	48.8	70.4	112.0

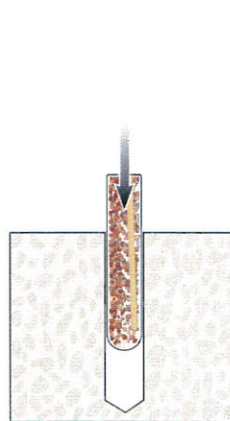
INSTALLATION INSTRUCTIONS



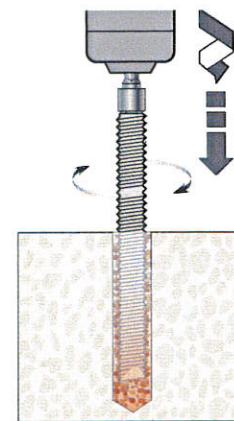
-Drill correct diameter hole to corresponding depth



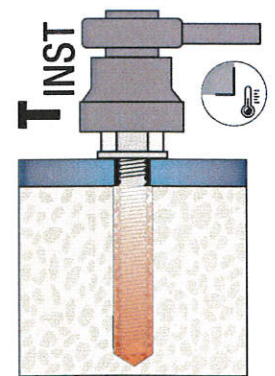
-Clean hole by brushing, blowing to remove drilling debris and dust:
 2xBlowing
 2xBrushing
 2xBlowing
 2xBrushing
 2xBlowing



-Insert Spin-In Capsule into drilled hole with air gap in capsule nearest to surface



-Attach setting tool to stud and spin into capsule with drilling machine
 -Using rotary hammer action until Depth Mark is reached



-Allow resin to cure
 -Attach fixture
 -Tighten with torque wrench to recommended torque