

Typical Performance data at standard Embedment Depth

Size	Concrete, $f_{ck, cube} = 25 \text{ N/mm}^2(\text{C20/25})$									SETTING DATA IN SOLID SUBSTRATE			
	Characteristic Resistance(kN)			Recomanded Load(kN)			Characteristic Edge distance(mm)		Characteristic Spacing(mm)	Hole Diameter in concrete (mm)	Hole Diameter in Fixture (mm)	Standard embedment in concrete (mm)	Recommended Torque (Nm)
	Tension (N_u)	Shear 5.8 (V_u)	Shear 8.8 (V_u)	Tension (N_u)	Shear 5.8 (V_u)	Shear 8.8 (V_u)	Tension (C_u)	Shear 5.8 (C_u)					
M08	20.0	9.0	15.0	7.9	5.1	8.5	80	100	160	10	09	80	10
M10	30.0	14.0	23.0	11.9	8.0	13.1	90	130	180	12	11	90	20
M12	40.0	21.0	33.0	15.9	12.0	19.4	110	150	220	14	13	110	40
M16	50.0	39.0	63.0	19.8	22.3	36.0	125	170	250	18	17	125	80
M20	75.0	61.0	98.0	29.8	34.9	56.0	170	190	340	24	22	170	120
M24	90.0	88.0	141.0	37.7	50.3	80.6	210	240	420	28	26	210	180
M30*	150.0	140.0	224.0	60.0	60.0	—	280	350	560	35	33	280	400

Typical Curing Time*

Base Material Tempreature($^{\circ}\text{C}$)	30+	20-30	5-20	5	-5
TYPICAL CURE TIME(mins)DRY HOLES	10	20	60	300	300
TYPICAL CURE TIME(mins)DAMP HOLES	20	40	120	600	600

Product code	Capsule Size	Hole Diameter (mm)	Hole Depth (mm)	Anchorage Depth (mm)	Fits Threaded Rods	Package content
CCS08	M08	10	80	80	M08	10
CCS10	M10	12	90	90	M10	10
CCS12	M12	14	110	110	M12	10
CCS16	M16	18	125	125	M16	10
CCS20	M20	25	170	170	M20	6
CCS24	M24	28	210	210	M24	6
CCS30	M30	35	280	280	M30	6

Diamentions

D_a	d_0 (mm)	h_0 (mm)	d_r (mm)	h_{min} (mm)	t_{fix} (mm)	T_{inst} Nm
M08	10	80	9	110	20	10
M10	12	90	12	120	30	20
M12	14	110	14	140	37	40
M16	18	125	18	160	49	80
M20	25	170	22	220	75	120
M24	28	210	26	260	67	180
M30*	35	280	33	350	52	300