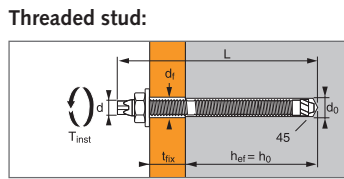
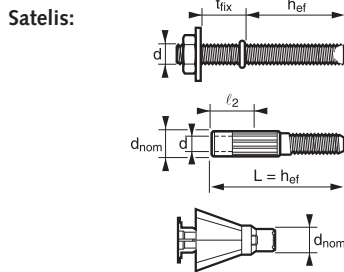
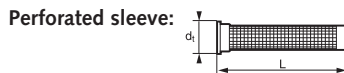
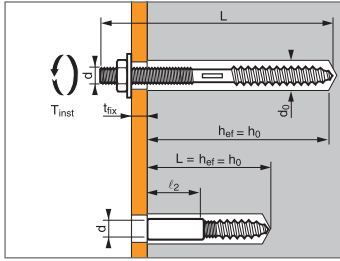




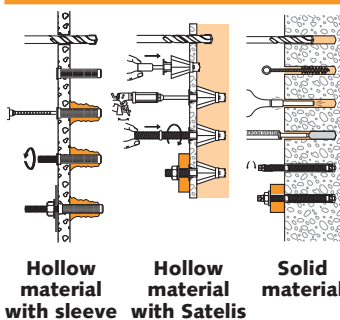
SOCOTEC
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Applications

- Signs
- Scaffolding
- Electrical switchboards
- Radiators
- Air conditioning ducts
- Rail guard returns
- Blinds
- Climbing walls
- Metal scale
- Hand rails
- Pole and ducts
- Demountable partitions
- Kitchen furniture
- Decorations

Installation



► Polyester resin for fixing in hollow material and concrete

Technical data

Type	Anchor depth (mm)	Max thick of part to be fixed (mm)	Ø thread (mm)	Thread length (mm)	Drill bit		Drilling depth		Ø sleeve (mm)	Total anchor length (mm)	Max tightening torque (Nm)	Euro-code	
					hollow	solid	hollow	solid					
	h_{ef}	t_{fix}	d	l_2	d_o		h_o		d_t	L	T_{inst}		
Stud	M8	75	12	8	-	16	10	80	-	-	100	5	061650
	M10	75	20	10	-	16	12	80	-	-	100	8	061660
	M12	75	20	12	-	20	14	80	-	-	100	8	061670
Socket	M8	58	-	8	20	20	14	80	-	-	58	8	061740
	M10	58	-	10	23	20	14	80	-	-	58	8	061750
	M12	75	-	12	30	20	20	100	-	-	75	8	061760
Plastic sleeve (1)	Ø15x85	-	-	-	-	15	-	85	-	15	85	-	557070
	Ø20x85	-	-	-	-	20	-	90	-	20	85	-	557090
	Ø15x130	-	-	-	-	15	-	135	-	15	130	-	557080
Satelis	Socket	M6	75	-	6	15	20	-	80	-	58	8	062340
		M8	75	-	8	20	20	-	80	-	58	10	062350
	Stud	M10	75	-	10	52	20	-	80	-	58	20	062360
		M8	75	10	8	-	20	-	80	-	80	10	062300
		M10	75	18	10	-	20	-	80	-	90	20	062310
		M12	75	25	12	-	20	-	80	-	100	20	062320
Threaded stud	M8	80	15	8	-	-	10	-	80	-	110	10	050950
	M10	90	20	10	-	-	12	-	90	-	130	20	050960
	M12	110	25	12	-	-	14	-	110	-	160	30	050970
	M16	125	35	16	-	-	18	-	125	-	190	60	050980

- (1) • Sleeve Ø 16 x 80 for studs M8 and M10 in hollow material
 • Sleeve Ø 20 x 80 and Ø 20 x 85 for studs M12 and sockets M8, M10 and M12 in hollow material
 • Sleeve Ø 15 x 130 for studs M8 x 170 - Using commercial standard threaded rods

Recommended loads in concrete (kN)



Type	Recommended load (daN)			Minimum distances (mm)		
	N_{rec}	F_{rec}	V_{rec}	S_{min}	C_{min}	
Threaded stud	M8	4,48	2,96	2,85	160	80
	M10	6,30	5,05	4,60	180	90
	M12	9,25	6,57	6,65	220	110
	M16	14,00	11,27	12,60	250	125

Recommended loads in masonry with stud, sleeve and Satelis (kN)

Type	Facing brick BP400	Solid concrete block B80		Hollow brick C40				Hollow concrete block B40												
				Rendered		Unrendered		Rendered		Unrendered										
		N_{rec}	V_{rec}	N_{rec}	V_{rec}	N_{rec}	V_{rec}	N_{rec}	V_{rec}	N_{rec}	V_{rec}									
Sleeve	Stud	M8	1,80	1,75	1,00	2,00	0,60	1,30	1,60	2,00	0,90	1,80								
		M10	1,30	2,50									5,00	2,20						
		M12	4,00	3,15																
Satelis	Socket	M8	2,00	1,75	1,15	1,55	0,50	1,55	1,90	1,55	1,10	2,40								
		M10	1,30	2,50									5,00	2,20						
		M12	4,00	3,15																
	Stud	M6	-	-									-	-	-	-	-	-	-	-
		M8	-	-									-	-	-	-	-	-	-	-
		M10	-	-									-	-	-	-	-	-	-	-
Sleeve with stud	Ø15x130	-	-	-	-	0,60	2,00	0,60	1,30	1,00	2,00	0,90	1,80							
	M8x170	-	-	-	-	-	-	-	-	-	-	-	-							