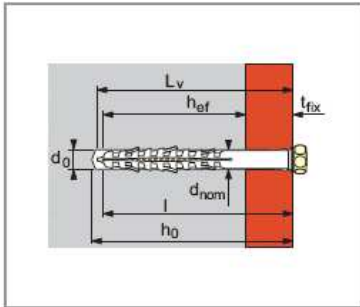


Frame Anchor



Technical data : Plastic sleeve

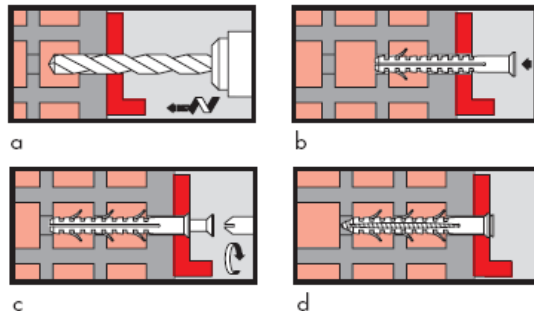
Made : by injection moulding
 Material : Polyamide 6
 Grey colour RAL 7035
 Halogen free
 in accordance with ELV 2000/53/EC
 in accordance with RoHS 2002/95/EC
 in accordance with 2003/11/EC
 In accordance with REACH 2006/1907/EC
 Installation temperature = 0°C / +40°C
 Working temperature = -20°C / +60°C

Technical data : Screw

made : by cold forming
 designed : according special drawing
 hexagonal head
 Steel : C1022
 Coating: galvanising zinc plating 5 μ
 Passivation: clear blue
 Screw diameter 10 and 12 assembled with washer

type	item	sleeve length	drill diameter	anchoring depth	drill hole depth	screw	Max. fixing thickness
		mm	mm	mm	mm	mm	mm
		l	d ₀	h _{ef}	h ₀	d _v x l _v	t _{fix}
APS/V8x80TE	8722575	80	8	70	90	5,5x85	10
APS/V8x100TE	8722576	100	8	70	110	5,5x105	30
APS/V8x120TE	8722582	120	8	70	130	5,5x125	50
APS/V10x80TE	8722577	80	10	70	90	7,0x85	10
APS/V10x100TE	8722578	100	10	70	110	7,0x105	30
APS/V10x115TE	8722579	115	10	70	125	7,0x120	45
APS/V10x135TE	8722580	135	10	70	145	7,0x140	65
APS/V10x160TE	8722581	160	10	70	170	7,0x165	90
APS/V12x130TER	8722584	130	12	65	140	10,0x140	65
APS/V12x200TER	8722585	200	12	65	210	10,0x210	135
APS/V12x240TER	8722586	240	12	65	250	10,0x250	175
APS/V16x140TER	8722587	140	16	75	150	12,0x150	65
APS/V16x160TER	8722588	160	16	75	170	12,0x170	85
APS/V16x200TER	8722589	200	16	80	210	12,0x210	120
APS/V16x240TER	8722590	240	16	80	250	12,0x250	160

Setting method:

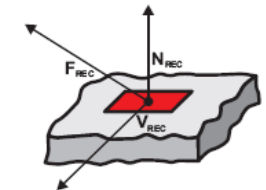


Frame Anchor



$$F_{Sk} \leq F_{rec} = F_{Ru,m}^t / \gamma$$

F_{Sk}: Characteristics value of actions.
F_{rec}: Recommended load value.
F_{Ru,m}^t: Mean ultimate load.
γ: Global safety factor=5



MEAN ULTIMATE AND SUGGESTED LOADS AT AXIAL TRACTION (daN)

Description	Wood Ø Screw	Ø Hole	Concrete C 20/25 ¹		Solid brick		Perforated brick (double UNI)	
			N _{rec}	N _{Ru,m} ^t	N _{rec}	N _{Ru,m} ^t	N _{rec}	N _{Ru,m} ^t
APS 8	5,5	8	80	400	74	370	35	180
APS 10	7,0	10	108	540	79	395	68	340
APS 12	10,0	12	140	700	84	420	72	360
APS 16	12,0	16	170	850	100	500		

¹ C 20/25 ≅ 250 kg/cm² • 1 daN ≅ 1 kg • 1 kN ≅ 100 kg