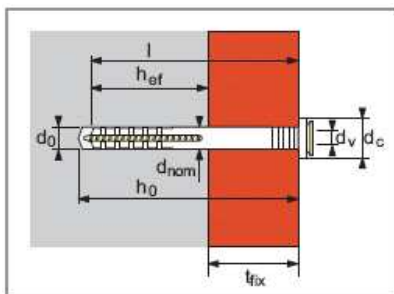


UCX V

Hammer-in anchor



Technical data : Plastic sleeve

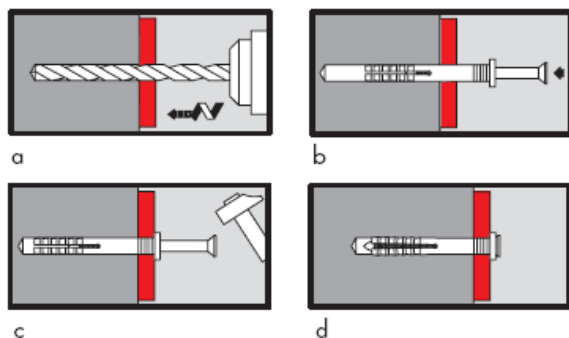
Made : by injection moulding
 Material : Polyamide 6
 Grey colour RAL 7035
 Halogen free
 in accordance with ELV 2000/53/EC
 in accordance with RoHS 2002/95/EC
 in accordance with 2003/11/EC
 In accordance with REACH 2006/1907/EC
 Installation temperature = 0°C / +40°C
 Working temperature = -20°C /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

Technical data : Screw

Made : by cold forming
 Designed : according special drawing
 Countersunk head
 Pozidrive slot recess
 Steel : C1008
 Coating: galvanising zinc plating 5 µ
 Passivation: clear blue

type	item	sleeve length	drill diameter	anchoring depth	drill hole depth	screw diameter	collar diameter	Max. fixing thickness
		mm	mm	mm	mm	mm	mm	mm
		l	d0	hef	h0	d	dc	tfix
UCX 5x25V	8710001	25	5	24	35	3,6	9	1
UCX 5x35V	8710002	36	5	31	45	3,6	9	5
UCX 5x45V	8710003	45	5	30	55	3,6	9	15
UCX 6x35V	8710004	35	6	30	45	4,0	9	5
UCX 6x45V	8710005	45	6	30	55	4,0	10	15
UCX 6x55V	8710006	55	6	30	65	4,0	10	25
UCX 6x70V	8710007	70	6	30	80	4	10	40
UCX 8x45V	8710008	45	8	40	55	5	10	5
UCX 8x60V	8710009	57	8	45	67	5	11	12
UCX 8x75V	8710010	75	8	45	85	5	11	30
UCX 8x100V	8710011	100	8	40	110	5	11	60
UCX 8x120V	8710012	120	8	40	130	5	11	80
UCX 8x135V	8710013	135	8	40	145	5	11	95

Setting method:



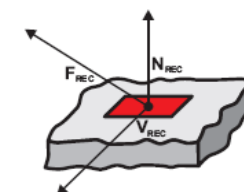
UCX V

Hammer-in anchor



$$F_{Sk} \leq F_{rec} = F'_{Ru,m} / \gamma$$

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



MEAN ULTIMATE LOADS N'_{Ru,m} (TENSILE) AND V'_{Ru,m} (SHEAR) AND daN

Description	Plug length (mm)	Drill Ø (mm)	Concrete C 20/25 ¹		Solid brick	
			daN N' _{Ru,m}	daN V' _{Ru,m}	daN N' _{Ru,m}	daN V' _{Ru,m}
UCX 5	25	5	80	90	80	90
	≥35	5	90	100	90	100
UCX 6	≥45	6	100	100	100	100
	≥55	6	110	110	100	100
UCX 8		8	160	150	150	150

¹ C20/25 ≅ 250 kg/cm² • 1 daN ≅ 1 kg • 1 kN ≅ 100 kg