HLC 10 / 12 / 16

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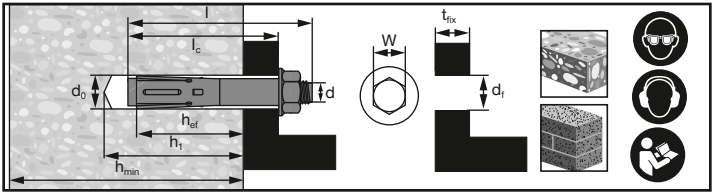

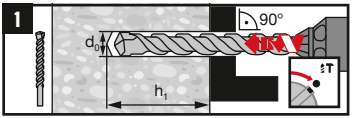

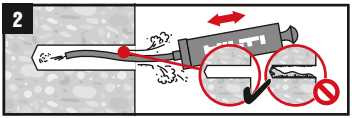

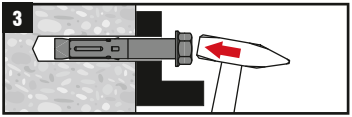

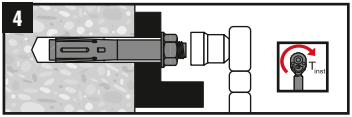

		10 x 40 / 5	10 x 50 / 15	10 x 60 / 25	10 x 80 / 45	10 x 100 / 65	12 x 55 / 15	12 x 75 / 35	12 x 100 / 60	16 x 60 / 10	16 x 100 / 50	16 x 140 / 90
d Thread diameter		M8	M8	M8	M8	M8	M10	M10	M10	M12	M12	M12
d_0 Drill bit diameter	mm	10	10	10	10	10	12	12	12	16	16	16
h_1 Min. borehole depth	mm	50	50	50	50	50	56	56	56	75	75	75
h_{ef} Min. effect. anchoring depth	mm	30	30	30	30	30	33	33	33	41	41	41
l Total anchor length	mm	48	58	68	88	108	65	85	110	72	112	152
l_c Anchor length under washer	mm	40	50	60	80	100	55	75	100	60	100	140
t_{fix} Max. thickness fixture	mm	5	15	25	45	65	15	35	60	10	50	90
T_{inst} Tightening torque concrete	Nm	25	25	25	25	25	40	40	40	50	50	50
T_{inst} Tightening torque masonry	Nm	13	13	13	13	13	20	20	20	25	25	25
w Width across nut flats	mm	13	13	13	13	13	16	16	16	19	19	19
d_f Clearance hole	mm	12	12	12	12	12	14	14	14	18	18	18
h_{min} Min. thickness base material	mm	80	80	80	80	80	100	100	100	100	100	100