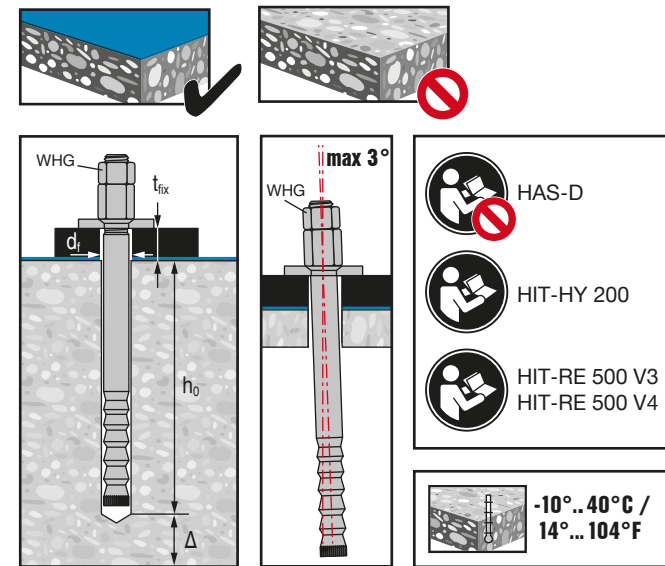
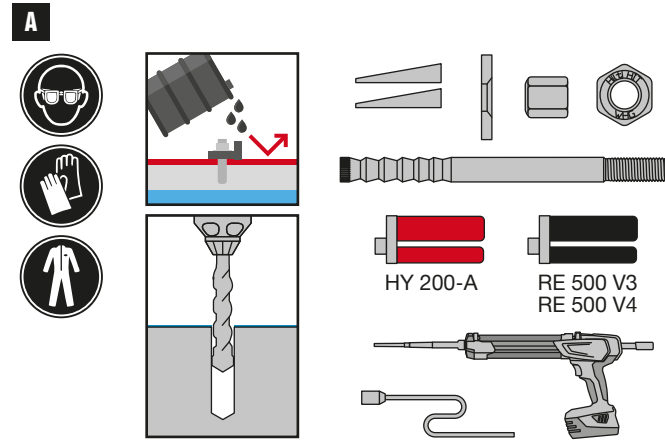
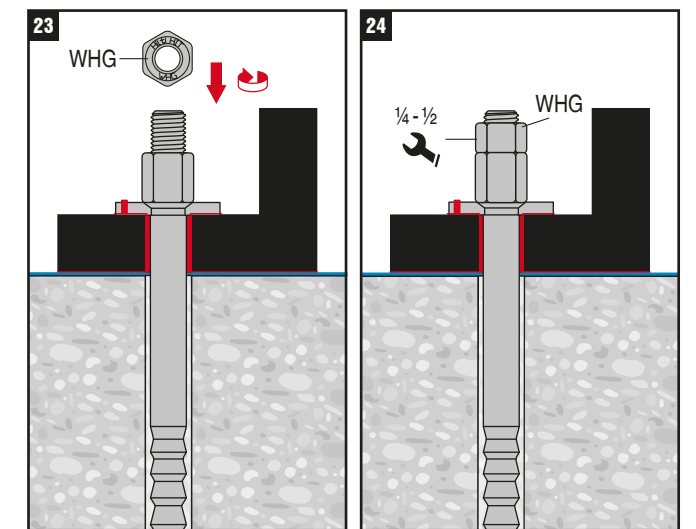
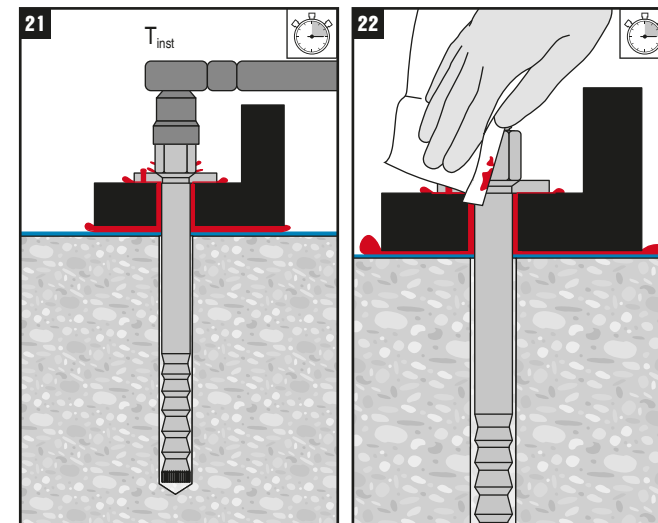
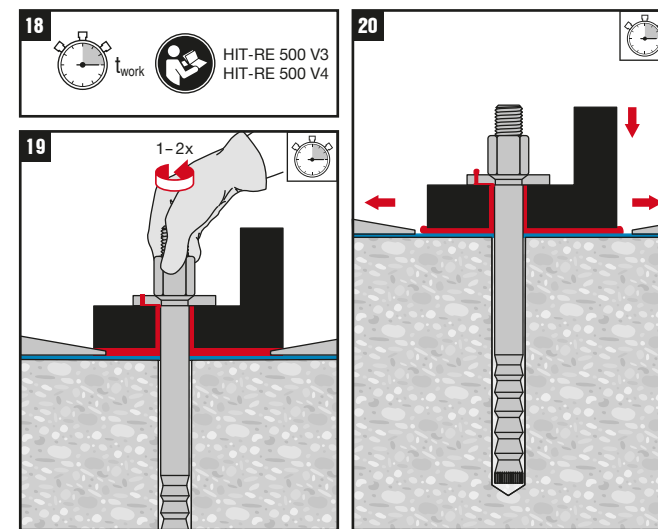
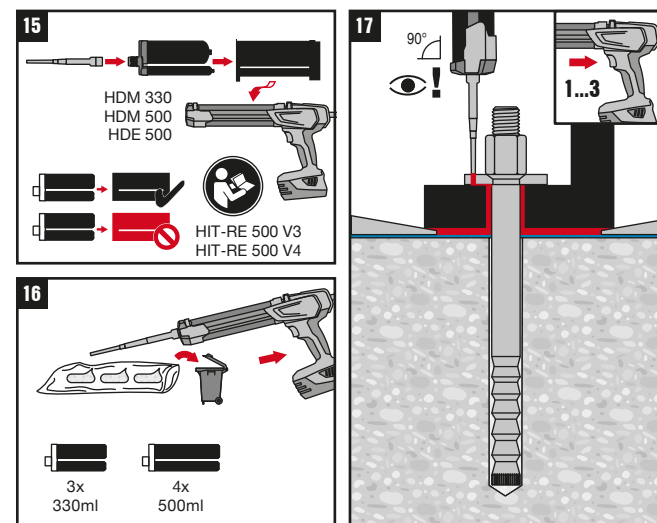
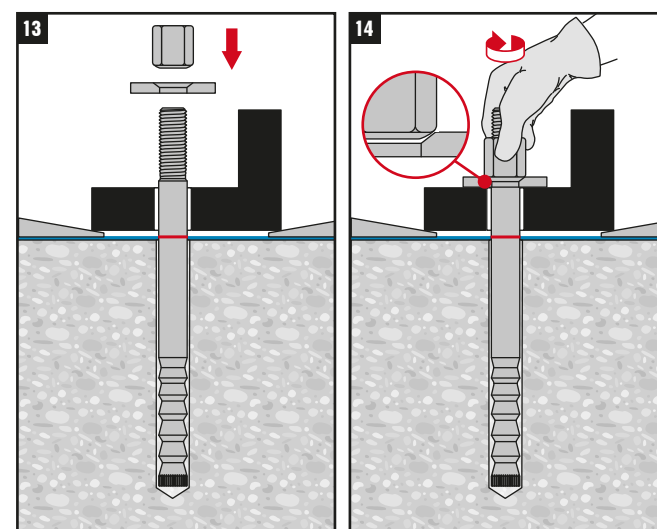
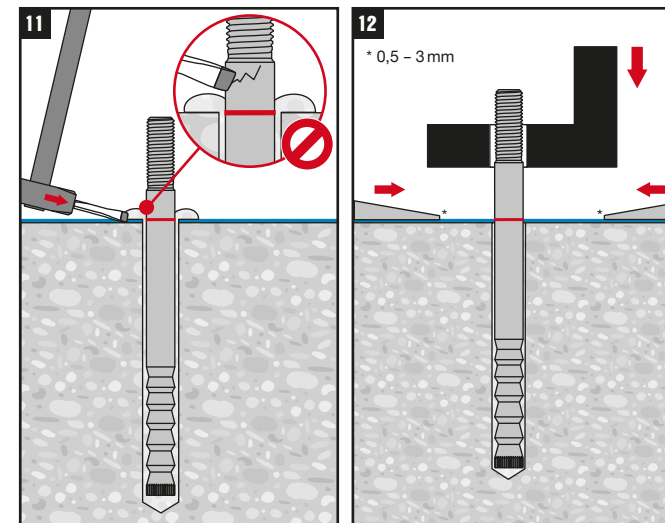
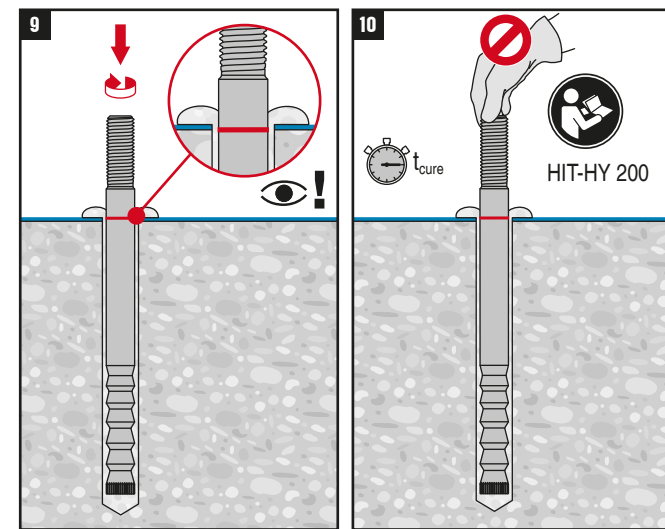
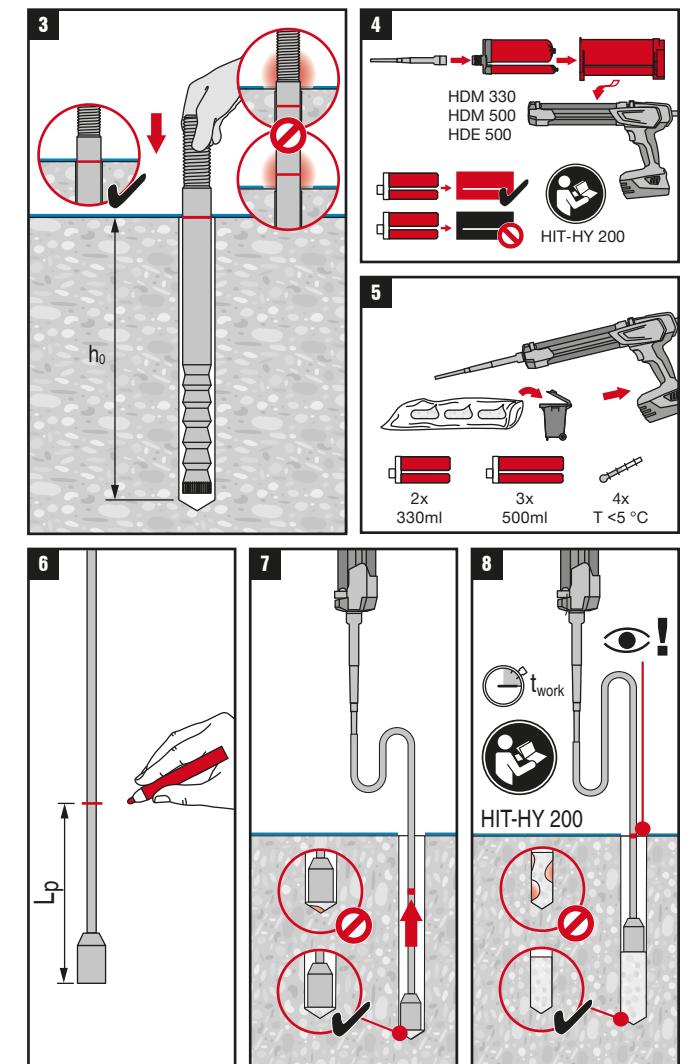
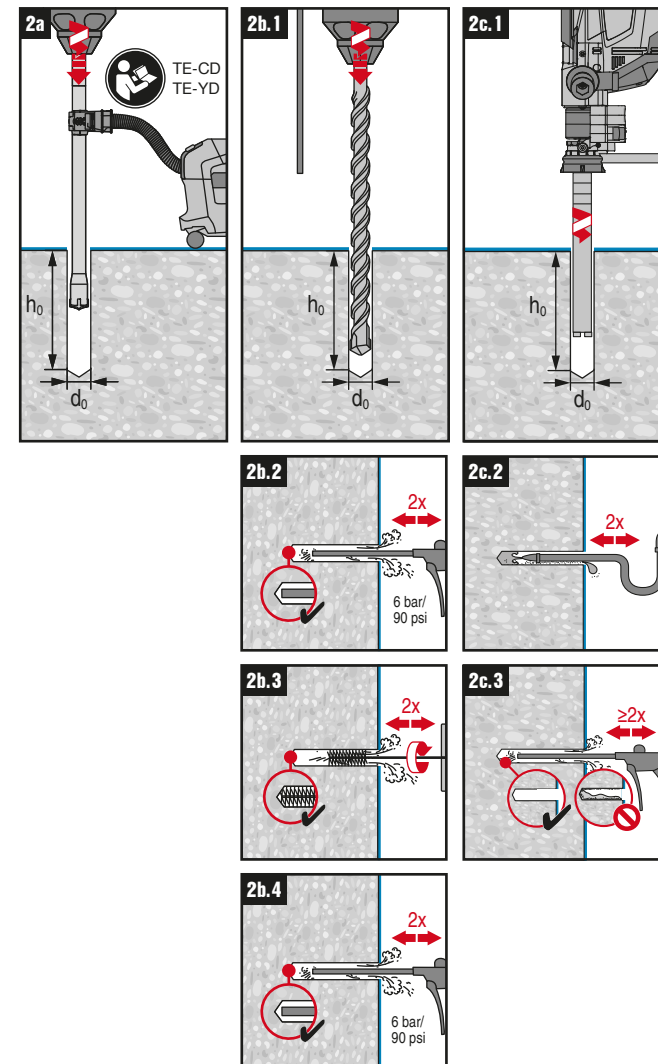


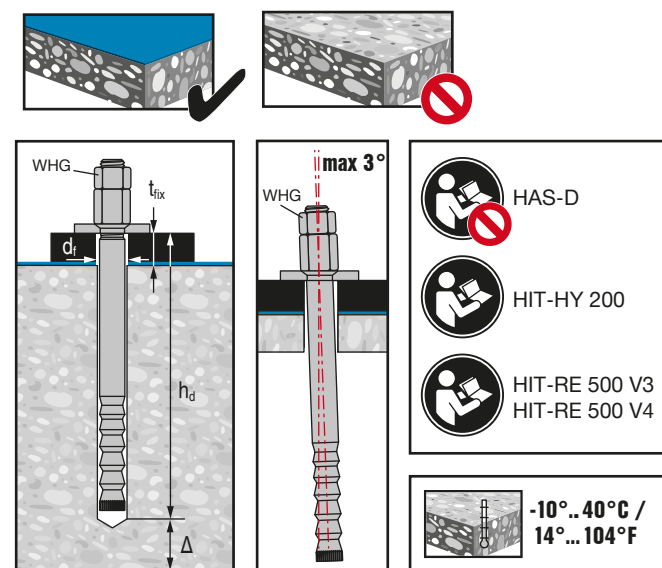
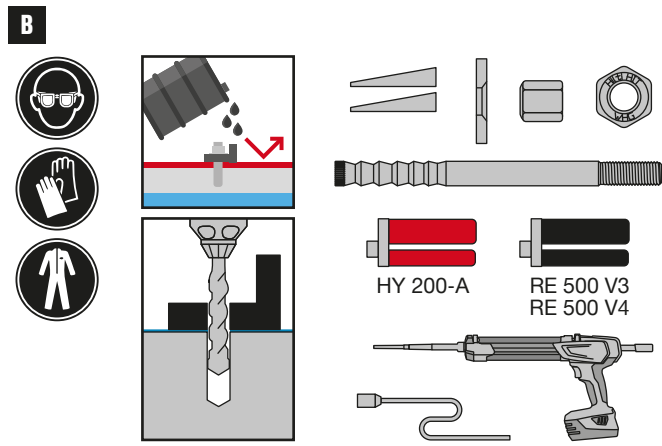


# HAS-D / WHG



HAS-D	$h_0$ [mm]	$h_{ef}$ [mm]	$L_p$ [mm]	SW [mm]	$T_{inst}$ [Nm]
M12x160	$132 - t_{fix}$	$125 - t_{fix}$	$70 - t_{fix}$	18	30
M12x185	$157 - t_{fix}$	$150 - t_{fix}$	$90 - t_{fix}$	18	30
M16x200	$165 - t_{fix}$	$155 - t_{fix}$	$110 - t_{fix}$	24	50
M16x220	$185 - t_{fix}$	$175 - t_{fix}$	$125 - t_{fix}$	24	50
M20x280	$232 - t_{fix}$	$220 - t_{fix}$	$165 - t_{fix}$	30	80





HAS-D	d <sub>f</sub> [mm]	t <sub>fix</sub> [mm]	d <sub>0</sub> [mm]	h <sub>d</sub> [mm]	Δ [mm]	SW [mm]	T <sub>inst</sub> [Nm]
M12x160	16	12..25	14	132	≥ 28	18	30
M12x185	16	12..50	14	157	≥ 28	18	30
M16x200	20	16..30	18	165	≥ 36	24	50
M16x220	20	16..50	18	185	≥ 36	24	50
M20x280	26	20..50	24	232	≥ 48	30	80

HAS-D	t <sub>fix</sub> [mm]	10...15	16...20	21...25	26...30	31...35	36...40	41...45	46...50
M12x160	L <sub>t</sub> [mm]	99	100	101					
M12x185		119	120	121	122	123	124	125	126
M16x200			131	132	133				
M16x220			148	149	150	151	152	153	154
M20x280			183	184	185	186	187	188	189

