



Yellow RAL 1023 8.8
 Red RAL 3000 Stainless steel A4

- 1) only hammer-drilling
- 2) M8 uncracked concrete only
- 3) used with HIT-SC
- 4) depending on brick type
- 5) for shear $h_{ef,min} = 100\text{mm}$

①	② CPR	③ ETA	④ EAD	Hilti	Base material	5.8 (HDG) / 8.8 (HDG)	A4			M8	M10	M12	M16	M20	M24	M27	M30
23	201-32	17/0199	330499-01-0601	HIT-MM Plus	uncracked concrete	x	x	hef,min hef,max	[mm]	60 96	60 120	70 144	80 192				
23	201-26	16/0239	330076-00-0604	HIT-MM Plus	hollow and solid brick 3) (use category c) solid brick (use category b)	x	x	hef	[mm]	80	80	80					
23	201-54	19/0465	330499-01-0601	HIT-HY 170	cracked / uncracked (*) concrete	x	x	hef,min hef,max	[mm]	60 (*) 96 (*)	60 120	70 144	80 192	90 (*) 240 (*)	96 (*) 288 (*)		
23	201-50	19/0161	330076-00-0604	HIT-HY 170	hollow and solid brick 3) (use category c) solid brick (use category b)	x	x	hef	[mm]	80	80	80					
23	201-49	19/0160	330076-00-0604	HIT-HY 270	hollow and solid brick 3) (use category c) solid brick (use category b)	x	x	hef1 4) hef2 hef3 4) hef4 4) hef,min hef,max	[mm]	50 80 130 160 50 300	50 80 130 160 50 300	50 80 130 160 50 300	50 80 130 160 50 300				
23	201-7	22/0395	330076-01-0604-v01	HIT-HY 270	solid brick, seismic	x	x	hef,min hef,max	[mm]			50 5) 350					
23	201-2	14/0009	330499-01-0601	HIT-HY 100	cracked / uncracked (*) concrete	x	$\leq M24: 70$ $> M24: 50$	hef,min hef,max	[mm]	60 (*) 160 (*)	60 200	70 240	80 320	90 (*) 400 (*)	100 (*) 480 (*)	110 (*) 540 (*)	120 (*) 600 (*)
23	201-56	19/0601	330499-02-0601	HIT-HY 200-R-V3	cracked & uncracked concrete	x	$\leq M24: 70$ $> M24: 50$	hef,min hef,max	[mm]	60 160	60 200	70 240	80 320	90 400	96 480	108 540	120 600
23	201-20	15/0882	330499-01-0601	HIT-RE 100	cracked & uncracked concrete	x	$\leq M24: 70$ $> M24: 50$	hef,min hef,max	[mm]	60 2) 160 2)	60 200	70 240	80 320	90 400	96 480	108 540	120 600
23	201-23	16/0143	330499-01-0601	HIT-RE 500 V3	cracked & uncracked concrete	x	$\leq M24: 70$ $> M24: 50$	hef,min hef,max	[mm]	60 160	60 200	70 240	80 320	90 400	96 480	108 540	120 600
23	201-66	20/0541	330499-02-0601	HIT-RE 500 V4	cracked & uncracked concrete	x	$\leq M24: 70$ $> M24: 50$	hef,min hef,max	[mm]	60 160	60 200	70 240	80 320	90 400	96 480	108 540	120 600
23	201-75	20/0834	130006-00-0304	HIT-RE 500 V4	timber / lumber: spruce, pine, fir	x	$\leq M24: 70$ $> M24: 50$	hef,min la,max	[mm]	80 750	100 750	100 750	100 750	100 750	100 750	100 750	100 750
23	201-74	20/0697	332347-00-0601	HIT-HY 170; 200-R V3 HIT-RE 500 V3; V4	cracked & uncracked concrete	x	$\leq M24: 70$ $> M24: 50$	hef,min hef,max	[mm]	60 160	60 200	70 240	80 320	90 400	96 480	108 540	120 600
23	629-1	17/0005	330499-01-0601	HIT-1 (CE)	uncracked concrete	x	x	hef min hef,max	[mm]	60 160	60 200	70 240	80 320				