Through bolt BA-E Plus HCR



Cross references

Cleaning brush
Blow-out pump
Hammer drill SDS plus
Installation tool through bolts
Cordless hammer drill AS
Torque wrench
Socket wrench

Installation process



Application range

> For embedment in cracked and uncracked concrete ≥ C20/25
> For use in chlorinated atmospheres such as e.g. indoor swimming pools
> For extreme corrosion conditions such as e.g. permament alternating immersion in seawater or the splash zone of seawater, chloride atmosphere of indoor swimming pools or atmosphere with extreme chemical pollution (e.g. desulphurization plants or road tunnels where de-icing materials are used.)
> Outdoors, including in industrial atmospheres and coastal environments
> Wet areas
> Dry internal conditions
> For anchoring medium to heavy-duty fixings such as columns, metal structures and timber constructions
> For pre-, push-through and distance installations
> Seismic approval category (C1 for M8, C2 for M8–M16)

Properties

> HCR stainless steel 1.4529
> Approval for concrete, option 1
> Fire resistance classes F30, F60, F90, F120

Notice

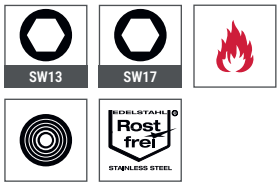
Characteristic values apply to the compression strength of C20/25 concrete. Recommended loads of an anchor for centric tension in cracked concrete.

The use of normal stainless steels in aggressive environments can compromise the safety of the structures concerned and cause risk to human life and lead to significant economic consequences

Applications

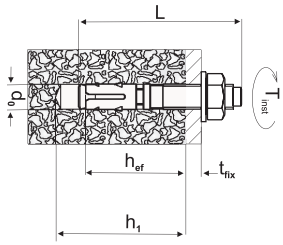


Technical specifications



Certifications





Anchor type	Effective embedment depth h_{ef} [mm]	Permitted load F_{zul} [kN]	Spacing [mm]			Edge distance [mm]			Permitted Bending moment M_{zul} [Nm]	Tightening torque T_{inst} [Nm]
			$s_{cr,N}$	s_{min}	C	$c_{cr,N}$	c_{min}	S		
BA-E Plus HCR 8	35	2.4	106	55	75	53	40	140	14.3	20
	48	4.0	144	35	50	72	40	55	14.3	20
BA-E Plus HCR 10	40	4.1	120	50	95	60	50	190	29.1	45
	60	5.7	180	40	60	90	50	100	29.1	45

Order description	d_0 [mm]	L [mm]	t_{fix} ≤ [mm]	h_1 ≥ [mm]	h_{ef} ≥ [mm]	Drive [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
BA-E-Plus HCR-8/5/-	8	57	5	47	35	13	50		9650006308	4061245114545
BA-E-Plus HCR-8/23/10	8	75	23/10	47/60	35/48	13	50		9650006310	4061245080802
BA-E-Plus HCR-8/43/30	8	95	43/30	47/60	35/48	13	50		9650006312	4061245130453
BA-E-Plus HCR-10/10/-	10	72	10	55	40	17	40		9650006323	4061245077802
BA-E-Plus HCR-10/30/10	10	92	30/10	55/75	40/60	17	40		9650006325	4061245114552
BA-E-Plus HCR-10/50/30	10	112	50/30	55/75	40/60	17	40		9650006327	4061245043500

EJOT SE & Co. KG · Market Unit Construction · In der Stockwiese 35 · 57334 Bad Laasphe · Germany
T +49 2752 908-0 · F +49 2752 908-731 · construction@ejot.com · www.ejot.com/construction