

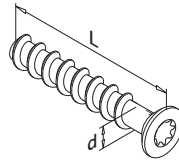
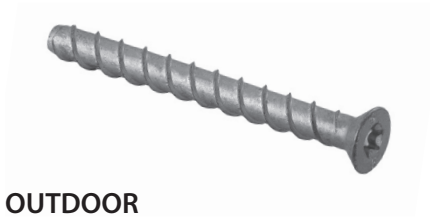


Concrete screw, MOD 4300

244300-112

DATASHEET

Produktfoto / Product picture



OUTDOOR

Produktbeschreibung / Product description

BSZ-SK 10, 316; 244300-112
M10 x 120 mm, QS-573, MOD 4300

Produktspezifikation / Product specification

Ein-schraub-tiefe h_{nom} 1 [mm] / Embedment depth h_{nom} 1 [mm]	55
Klemmstärke t_{fix} [mm] / Fixture thickness t_{fix} [mm]	65
Bohrloch $\varnothing$ x Tiefe [mm] / Drill hole diameter x drill depth [mm]	10x65

Zulässige Zuglast für gerissenen Beton / Approved loads, tension for cracked concrete

C20/25 zul. N [kN] / C20/25 appr. N [kN]	4,3
C25/30 zul. N [kN] / C25/30 appr. N [kN]	4,8
C30/37 zul. N [kN] / C30/37 appr. N [kN]	5,2
C40/50 zul. N [kN] / C40/50 appr. N [kN]	6,1
C50/60 zul. N [kN] / C50/60 appr. N [kN]	6,8
Zulässige Querlast C20/25 zul. V [kN] / Approved loads, shear C20/25 appr. V [kN]	4,6
> C25/30 zul. V [kN] / > C25/30 appr. V [kN]	5,2
Zulässiges Biegemoment zul. M [Nm] / Approved bending moments appr. M [kN]	32

Achs- und Randabstände / Spacing and edge distance

Verankerungstiefe h_{ef} [mm] / Effective anchorage depth h_{ef} [mm]	43
Charakteristischer Achsabstand s_{cr} , N [mm] / Characteristic spacing s_{cr} , N [mm]	129
Charakteristischer Randabstand c_{cr} , N [mm] / Characteristic edge distance c_{cr} , N [mm]	64,5
Mindestbauteildicke h_{min} [mm] / Minimum thickness of concrete slab h_{min} [mm]	80
Minimaler Achsabstand s_{min} [mm] / Minimum spacing s_{min} [mm]	50
Minimaler Randabstand c_{min} [mm] / Minimum edge distance c_{min} [mm]	50

Montagedaten / Installation parameters

Bohrlochdurchmesser d_o [mm] / Drill hole diameter d_o [mm]	10
Durchgangsloch im Anbauteil $d_f <$ [mm] / Diameter of clearance hole in the fixture $d_f <$ [mm]	14
Bohrlochtiefe $h_o \geq$ [mm] / Depth of drill hole $h_o \geq$ [mm]	65
Installationsmoment für Anschlussgewinde $T_{inst} <$ [Nm] / Installation torque with metric connection thread $T_{inst} <$ [Nm]	40
Tangential-Schlagschrauber $T_{imp,max}$ / Tangential impact screwdriver $T_{imp,max}$	400



Concrete screw, MOD 4310

244300-112

Ein-schraub-tiefe h _{nom} 2 [mm] / Embedment depth h _{nom} 2 [mm]	75
Klemmstärke t _{fix} [mm] / Fixture thickness t _{fix} [mm]	45
Bohrloch Ø x Tiefe [mm] / Drill hole diameter x drill depth [mm]	10x85

Zulässige Zuglast für gerissenen Beton / Approved loads, tension for cracked concrete

C20/25 zul. N [kN] / C20/25 appr. N [kN]	7,6
C25/30 zul. N [kN] / C25/30 appr. N [kN]	8,5
C30/37 zul. N [kN] / C30/37 appr. N [kN]	9,3
C40/50 zul. N [kN] / C40/50 appr. N [kN]	10,8
C50/60 zul. N [kN] / C50/60 appr. N [kN]	12
Zulässige Querlast C20/25 zul. V [kN] / Approved loads, shear C20/25 appr. V [kN]	15,2
> C25/30 zul. V [kN] / > C25/30 appr. V [kN]	17
Zulässiges Biegemoment zul. M [Nm] / Approved bending moments appr. M [kN]	32

Achs- und Randabstände / Spacing and edge distance

Verankerungstiefe h _{ef} [mm] / Effective anchorage depth h _{ef} [mm]	60
Charakteristischer Achsabstand s _{cr} , N [mm] / Characteristic spacing s _{cr} , N [mm]	180
Charakteristischer Randabstand c _{cr} , N [mm] / Characteristic edge distance c _{cr} , N [mm]	90
Mindestbauteildicke h _{min} [mm] / Minimum thickness of concrete slab h _{min} [mm]	90
Minimaler Achsabstand s _{min} [mm] / Minimum spacing s _{min} [mm]	50
Minimaler Randabstand c _{min} [mm] / Minimum edge distance c _{min} [mm]	50

Montagedaten / Installation parameters

Bohrlochdurchmesser d _o [mm] / Drill hole diameter d _o [mm]	10
Durchgangsloch im Anbauteil d _f < [mm] / Diameter of clearance hole in the fixture d _f < [mm]	14
Bohrlochtiefe h _o ≥ [mm] / Depth of drill hole h _o ≥ [mm]	85
Installationsmoment für Anschlussgewinde T _{inst} < [Nm] / Installation torque with metric connection thread T _{inst} < [Nm]	40
Tangential-Schlagschrauber T _{imp,max} / Tangential impact screwdriver T _{imp,max}	400

Ein-schraub-tiefe h _{nom} 3 [mm] / Embedment depth h _{nom} 3 [mm]	85
Klemmstärke t _{fix} [mm] / Fixture thickness t _{fix} [mm]	35
Bohrloch Ø x Tiefe [mm] / Drill hole diameter x drill depth [mm]	10x95

Zulässige Zuglast für gerissenen Beton / Approved loads, tension for cracked concrete

C20/25 zul. N [kN] / C20/25 appr. N [kN]	9,2
C25/30 zul. N [kN] / C25/30 appr. N [kN]	10,3
C30/37 zul. N [kN] / C30/37 appr. N [kN]	11,3
C40/50 zul. N [kN] / C40/50 appr. N [kN]	13
C50/60 zul. N [kN] / C50/60 appr. N [kN]	14,5
Zulässige Querlast C20/25 zul. V [kN] / Approved loads, shear C20/25 appr. V [kN]	18,4
> C25/30 zul. V [kN] / > C25/30 appr. V [kN]	19,4
Zulässiges Biegemoment zul. M [Nm] / Approved bending moments appr. M [kN]	32



Concrete screw, MOD 4300

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Achs- und Randabstände / Spacing and edge distance

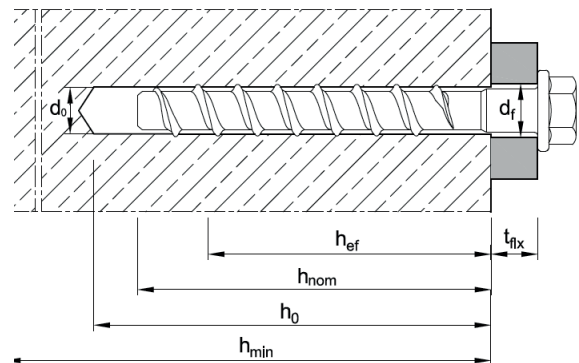
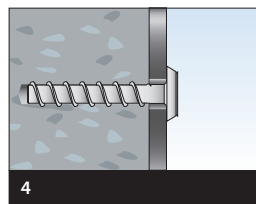
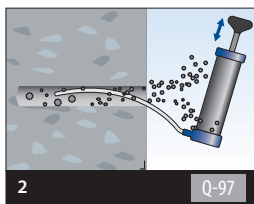
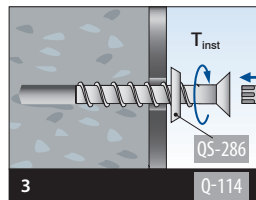
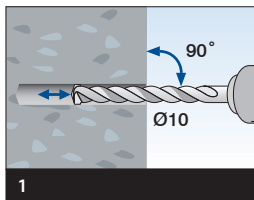
Verankerungstiefe hef [mm] / Effective anchorage depth hef [mm]	68
Charakteristischer Achsabstand scr, N [mm] / Characteristic spacing scr, N [mm]	204
Charakteristischer Randabstand ccr, N [mm] / Characteristic edge distance ccr, N [mm]	102
Mindestbauteildicke hmin [mm] / Minimum thickness of concrete slab hmin [mm]	102
Minimaler Achsabstand smin [mm] / Minimum spacing smin [mm]	50
Minimaler Randabstand cmin [mm] / Minimum edge distance cmin [mm]	50

Montagedaten / Installation parameters

Bohrlochdurchmesser do [mm] / Drill hole diameter do [mm]	10
Durchgangsloch im Anbauteil df < [mm] / Diameter of clearance hole in the fixture df < [mm]	14
Bohrlochtiefe ho ≥ [mm] / Depth of drill hole ho ≥ [mm]	95
Installationsmoment für Anschlussgewinde Tinst < [Nm] / Installation torque with metric connection thread Tinst < [Nm]	40
Tangential-Schlagschrauber Timp,max / Tangential impact screwdriver Timp,max	400
Länge L [mm] / Anchor Length L [mm]	120
Kopf Ø [mm] / Head Ø [mm]	21,5
Antrieb / Drive	T 50

Q-INFO | MOD 4300

Assembly instruction Q-anchor Q BSZ SK 10x100 + 10x120 (A4)



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Zuletzt geändert/ Last amended: 08/2023