

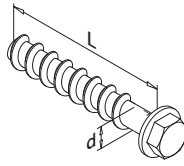
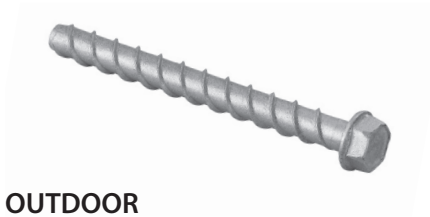


Betonschraube / Concrete screw MOD 4310

244310-870

Datenblatt / DATASHEET

Produktabbildung / Product image



OUTDOOR

Produktbeschreibung / Product description

BSZ+ SU 8, 316; 244310-870
8 x 70 mm, QS-578, MOD 4310

Produktspezifikation / Product specification

Einschraubtiefe h_{nom} 1 [mm] / Embedment depth h_{nom} 1 [mm]	45
Klemmstärke t_{fix} [mm] / Fixture thickness t_{fix} [mm]	25
Bohrloch $\varnothing$ x Tiefe [mm] / Drill hole diameter x drill depth [mm]	8x55

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

C20/25 zul. N [kN] / C20/25 appr. N [kN]	1,4
C25/30 zul. N [kN] / C25/30 appr. N [kN]	1,6
C30/37 zul. N [kN] / C30/37 appr. N [kN]	1,7
C40/50 zul. N [kN] / C40/50 appr. N [kN]	2,0
C50/60 zul. N [kN] / C50/60 appr. N [kN]	2,3
Zulässige Querlast C20/25 zul. V [kN] / Approved loads, shear C20/25 appr. V [kN]	6,2
> C25/30 zul. V [kN] / > C25/30 appr. V [kN]	7,0
Zulässiges Biegemoment zul. M [Nm] / Approved bending moments appr. M [kN]	14,9

Achs- und Randabstände / Spacing and edge distance

Verankerungstiefe h_{ef} [mm] / Effective anchorage depth h_{ef} [mm]	32
Charakteristischer Achsabstand s_{cr} , N [mm] / Characteristic spacing s_{cr} , N [mm]	96
Charakteristischer Randabstand c_{cr} , N [mm] / Characteristic edge distance c_{cr} , N [mm]	48
Mindestbauteildicke h_{min} [mm] / Minimum thickness of concrete slab h_{min} [mm]	80
Minimaler Achsabstand s_{min} [mm] / Minimum spacing s_{min} [mm]	35
Minimaler Randabstand c_{min} [mm] / Minimum edge distance c_{min} [mm]	35

Montagedaten / Installation parameters

Bohrlochdurchmesser d_o [mm] / Drill hole diameter d_o [mm]	8
Durchgangsloch im Anbauteil $d_f <$ [mm] / Diameter of clearance hole in the fixture $d_f <$ [mm]	12
Bohrlochtiefe $h_o \geq$ [mm] / Depth of drill hole $h_o \geq$ [mm]	55
Tangential-Schlagschrauber $T_{imp,max}$ / Tangential impact screwdriver $T_{imp,max}$	300



Betonschraube / Concrete screw MOD 4310

244310-870

Einschraubtiefe h_{nom} 2 [mm] / Embedment depth h_{nom} 2 [mm]	55
Klemmstärke t_{fix} [mm] / Fixture thickness t_{fix} [mm]	15
Bohrloch $\varnothing$ x Tiefe [mm] / Drill hole diameter x drill depth [mm]	8x65

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

C20/25 zul. N [kN] / C20/25 appr. N [kN]	2,6
C25/30 zul. N [kN] / C25/30 appr. N [kN]	2,9
C30/37 zul. N [kN] / C30/37 appr. N [kN]	3,2
C40/50 zul. N [kN] / C40/50 appr. N [kN]	3,7
C50/60 zul. N [kN] / C50/60 appr. N [kN]	4,1
Zulässige Querlast C20/25 zul. V [kN] / Approved loads, shear C20/25 appr. V [kN]	7,7
> C25/30 zul. V [kN] / > C25/30 appr. V [kN]	7,7
Zulässiges Biegemoment zul. M [Nm] / Approved bending moments appr. M [kN]	14,9

Achs- und Randabstände / Spacing and edge distance

Verankerungstiefe h_{ef} [mm] / Effective anchorage depth h_{ef} [mm]	41
Charakteristischer Achsabstand s_{cr} , N [mm] / Characteristic spacing s_{cr} , N [mm]	123
Charakteristischer Randabstand c_{cr} , N [mm] / Characteristic edge distance c_{cr} , N [mm]	61,5
Mindestbauteildicke h_{min} [mm] / Minimum thickness of concrete slab h_{min} [mm]	100
Minimaler Achsabstand s_{min} [mm] / Minimum spacing s_{min} [mm]	35
Minimaler Randabstand c_{min} [mm] / Minimum edge distance c_{min} [mm]	35

Montagedaten / Installation parameters

Bohrlochdurchmesser d_o [mm] / Drill hole diameter d_o [mm]	8
Durchgangsloch im Anbauteil $d_f <$ [mm] / Diameter of clearance hole in the fixture $d_f <$ [mm]	12
Bohrlochtiefe $h_o \geq$ [mm] / Depth of drill hole $h_o \geq$ [mm]	65
Tangential-Schlagschrauber $T_{imp,max}$ / Tangential impact screwdriver $T_{imp,max}$	300

Einschraubtiefe h_{nom} 3 [mm] / Embedment depth h_{nom} 3 [mm]	65
Klemmstärke t_{fix} [mm] / Fixture thickness t_{fix} [mm]	5
Bohrloch $\varnothing$ x Tiefe [mm] / Drill hole diameter x drill depth [mm]	8x75

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

C20/25 zul. N [kN] / C20/25 appr. N [kN]	3,8
C25/30 zul. N [kN] / C25/30 appr. N [kN]	4,3
C30/37 zul. N [kN] / C30/37 appr. N [kN]	4,7
C40/50 zul. N [kN] / C40/50 appr. N [kN]	5,4
C50/60 zul. N [kN] / C50/60 appr. N [kN]	6
Zulässige Querlast C20/25 zul. V [kN] / Approved loads, shear C20/25 appr. V [kN]	9,7
> C25/30 zul. V [kN] / > C25/30 appr. V [kN]	9,7
Zulässiges Biegemoment zul. M [Nm] / Approved bending moments appr. M [kN]	14,9



Betonschraube / Concrete screw MOD 4310

244310-870

Achs- und Randabstände / Spacing and edge distance

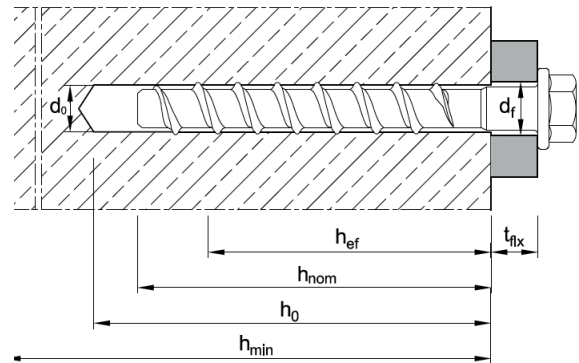
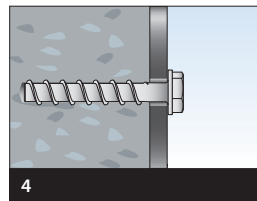
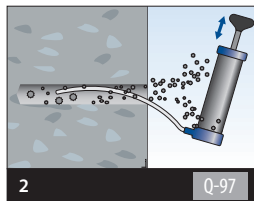
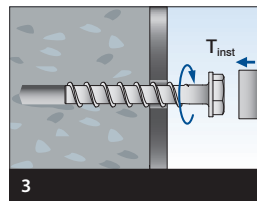
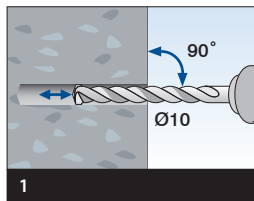
Verankerungstiefe hef [mm] / Effective anchorage depth hef [mm]	49
Charakteristischer Achsabstand scr, N [mm] / Characteristic spacing scr, N [mm]	147
Charakteristischer Randabstand ccr, N [mm] / Characteristic edge distance ccr, N [mm]	73,5
Mindestbauteildicke hmin [mm] / Minimum thickness of concrete slab hmin [mm]	120
Minimaler Achsabstand smin [mm] / Minimum spacing smin [mm]	35
Minimaler Randabstand cmin [mm] / Minimum edge distance cmin [mm]	35

Montagedaten / Installation parameters

Bohrlochdurchmesser do [mm] / Drill hole diameter do [mm]	8
Durchgangsloch im Anbauteil df < [mm] / Diameter of clearance hole in the fixture df < [mm]	12
Bohrlochtiefe ho ≥ [mm] / Depth of drill hole ho ≥ [mm]	75
Tangential-Schlagschrauber Timp,max / Tangential impact screwdriver Timp,max	300
Länge L [mm] / Anchor Length L [mm]	70
Angepresste Scheibe Ø [mm] / Pressed disc Ø [mm]	16
Antrieb / Drive	SW 13

Q-INFO MOD 4310

Assembly instruction Q-anchor Q BSZ+ SU 8x70 / 10x100 / 10x120 (A4)



Q-railing Central Europe GmbH

Marie-Curie-Strasse 8-14
46446 Emmerich am Rhein
Germany

T. +49 2822 915 69 0
F. +49 2822 915 69 70
sales.de@q-railing.com

Die Angaben in diesem Datenblatt entsprechen dem Stand des Herstellers zum Zeitpunkt der Drucklegung. Die Informationen sollen Ihnen Hinweise für sicheren Umgang mit dem in diesem Datenblatt genannten Produkt bei Lagerung und Verarbeitung geben. Die Angaben sind nicht auf andere Produkte übertragbar.

The information in this data sheet corresponds to that of the manufacturer at the time of printing. The information is intended to give you tips for the safe handling of the product named in this data sheet for storage and processing. The information cannot be transferred to other products.

Druckdatum/Printdate: 11/2023