

Through bolt S-KAK+ 12/85/65 HDG (2 DIY)

SORMAT CODE 9640094135



Improved premium-quality hdg through bolts for fixing in non-cracked and cracked concrete

- Torque-controlled expansion anchors for pre-, push-through and distance installations.
- When torque is applied the expansion clip expands developing frictional grip with the drill hole walls.
- Anchor diameter and max. fixture thicknesses marked on the body. Anchor length letter code marked on the bolt head.
- M8, M10 and M12 have two different anchorage depths.
- The use of S-KA setting tool makes serial installation safer and quicker.
- HDG for dry and humid indoor use, outdoor inland rural areas only.

PRODUCT OVERVIEW

| | |
|-------------|---------------------------------|
| Other codes | / |
| Material | Steel, hot dip galvanized |
| Packages | box (bag): 2 / outer carton: 10 |
| Weight | 139.9 kg / 1000 |
| GTIN-13 | 6416031941351 |

APPLICATIONS

- Steel structures
- Column base plates
- Seatings
- Barriers
- Cable racks
- Handrails
- Ladders
- Façade systems

BASE MATERIALS

APPROVED FOR

- Cracked concrete
- Non-cracked concrete

ALSO SUITABLE FOR

- Natural stone

APPROVALS / CERTIFICATES



ETA-16/0934 + DoPs



0809-CPR-1252



Fire resistance (ETA-16/0934)

Technical data

INSTALLATION DETAILS

| | |
|--|-------|
| Size | M12 |
| Length (L) | 163 |
| Thread (f) | 113 |
| Width across flats (SW) | 19 |
| Max. fixture thickness (T _{fix}) | 85/65 |



INSTALLATION DETAILS

| | |
|--|-------|
| Hole in fixture (D _f) | 14 |
| Drill hole diameter (d ₀) ∅ | 12 |
| Minimum drill hole depth | 70/90 |
| Drill hole depth (h ₁) | 70/90 |
| Nominal setting depth (H _{nom}) | 61/81 |
| Effective setting depth (H _{ef}) | 50/70 |
| Installation torque (T _{inst}) | 60 |

Installation

