

# Through bolt S-KAK+ 8/63/50 HDG (3 DIY)

SORMAT CODE 9640094113



# 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
Packages
Weight
GTIN-13

Steel, hot dip galvanized box (bag): 3 / outer carton: 30 43.5 kg / 1000 6416031941139

#### **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



Fire resistance (ETA-16/0934)



0809-CPR-1252

## Technical data

### **INSTALLATION DETAILS**

Size	M8
Length (L)	115
Thread (f)	75
Width across flats (SW)	13
Max. fixture thickness (T <sub>fix</sub> )	63/50
L f sw d₀	Tinst

### **INSTALLATION DETAILS**

Hole in fixture (D <sub>f</sub> )	9
Drill hole diameter (d₀) Ø	8
Minimum drill hole depth	47/60
Drill hole depth (h <sub>1</sub> )	47/60
Nominal setting depth (H <sub>nom</sub> )	40/53
Effective setting depth (H <sub>ef</sub> )	35/48
Installation torque (T <sub>inst</sub> )	15

## Installation

