

Frame plug SDF-KB-10HX160-V

SORMAT CODE 8513160426



- Approved for all common building materials.
- It is advisable to use SDF-KB for fixing metal structures and SDF-S plugs for fixing wooden structures.
- Reliable installation in problematic building material due to optimised expansion part.
- Secure hold due to radial expansion.
- Cr VI-free coating of the screw.
- Double safety lock against torsion for secure installation.
- ZP for dry indoor and temporary outdoor use.

PRODUCT OVERVIEW

Other codes	/
Material	Polyamide / Steel, zinc plated
Packages	box (bag): 25 / outer carton: 100 / pallet: 5600
Weight	60.9 kg / 1000
GTIN-13	5902308560581

APPLICATIONS

- Facade substructures
- Angle irons
- Windows frames
- Door frames
- Thick fixtures
- TV wall mounts
- Cabinets and wardrobes
- Squared timbers

BASE MATERIALS

APPROVED FOR

- Aerated concrete block
- Cracked concrete
- Non-cracked concrete
- Perforated clay brick
- Perforated sand-lime brick
- Solid clay brick
- Solid sand-lime brick

ALSO SUITABLE FOR

- Hollow light expanded clay aggregate block
- Natural stone
- Solid light expanded clay aggregate block

APPROVALS / CERTIFICATES



ETA-10/0305 + DoPs



Fire resistance (ETA-10/0305)



ETA-18/0039 + DoPs

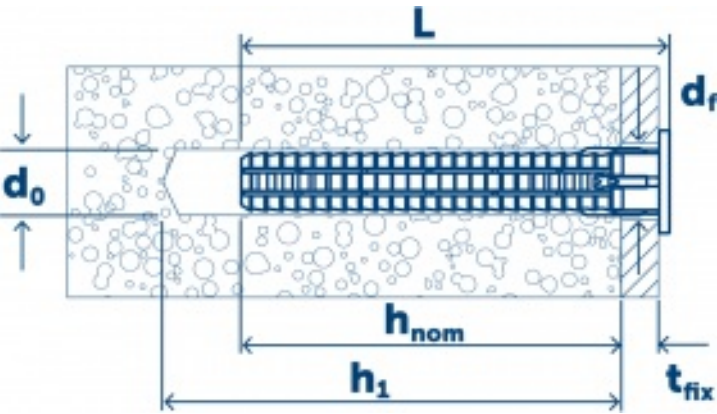


Fire resistance (ETA-18/0039)

Technical data

INSTALLATION DETAILS

Size	10
Length (L)	160
Width across flats (SW)	13
Drive	T40
Max. fixture thickness (T _{fix})	90



INSTALLATION DETAILS

Hole in fixture (D _f)	10,5
Drill hole diameter (d ₀) ∅	10
Minimum drill hole depth	80
Drill hole depth (h ₁)	80
Nominal setting depth (H _{nom})	70

Performance data

Base material All	Load type	Embedment depth (h _{nom})	Load direction	Load value
Cracked concrete C12/15	N _{Rec}	70 mm		1.8 kN
Cracked concrete C12/15	V _{Rec}	70 mm		5.3 kN
Non-cracked concrete C12/15	N _{Rec}	70 mm		1.8 kN
Non-cracked concrete C12/15	V _{Rec}	70 mm		5.3 kN
Solid clay brick fb ≥ 20,5 N/mm ²	N _{Rec}	70 mm		1.1 kN
Solid clay brick fb ≥ 20,5 N/mm ²	V _{Rec}	70 mm		1.1 kN
Solid sand-lime brick fb ≥ 20 N/mm ²	N _{Rec}	70 mm		1.3 kN
Solid sand-lime brick fb ≥ 20 N/mm ²	V _{Rec}	70 mm		1.3 kN
Hollow light expanded clay aggregate fb ≥ 2,7 MN/m ²	N _{Rec}	70 mm		0.3 kN
Solid light expanded clay aggregate fb ≥ 3 MN/m ²	N _{Rec}	70 mm		0.4 kN
Light expanded clay aggregate with insulation fb ≥ 4 MN/m ²	N _{Rec}	70 mm		0.55 kN
Aerated concrete AAC 2,5	N _{Rec}	70 mm		0.40 kN
Aerated concrete AAC 4,0	N _{Rec}	70 mm		0.55 kN
Hollow sand-lime brick fb ≥ 20 N/mm ²	N _{Rec}	70 mm		1.00 kN

Installation

