

Frame plug S-UF 10X160 HEX MG (4 DIY)

SORMAT CODE 9640095354



Famously strong and versatile universal frame plugs for high loads

- 10 mm nylon plugs with extended shafts, long expansion zone and variable installation depths for through installations. Equipped with a screw.
- Performance comparable to metal anchors.
- It is advisable to use S-UF® MG for fixing metal structures and S-UP® MG plugs for fixing wooden structures.
- Plug collars function as plastic insulating washers thus preventing touch-corrosion from taking place.
- Color coded according to size for easy identification!
- MG for dry and humid indoor use, outdoor in rural areas only.

PRODUCT OVERVIEW

Other codes	SNRO 1310826 /
Material	Polyamide / Steel, mechanically galvanized
Packages	box (bag): 4 / outer carton: 20
Weight	59.6 kg / 1000

APPLICATIONS

- Facade substructures
- Angle irons
- Windows frames
- Door frames
- Thick fixtures
- Cabinets and wardropes
- Squared timbers

BASE MATERIALS

ALSO SUITABLE FOR

- Aerated concrete block
- Cracked concrete
- Hollow light expanded clay aggregate block
- Natural stone
- Non-cracked concrete
- Perforated clay brick
- Perforated sand-lime brick
- Solid clay brick
- Solid light expanded clay aggregate block
- Solid sand-lime brick

APPROVALS / CERTIFICATES

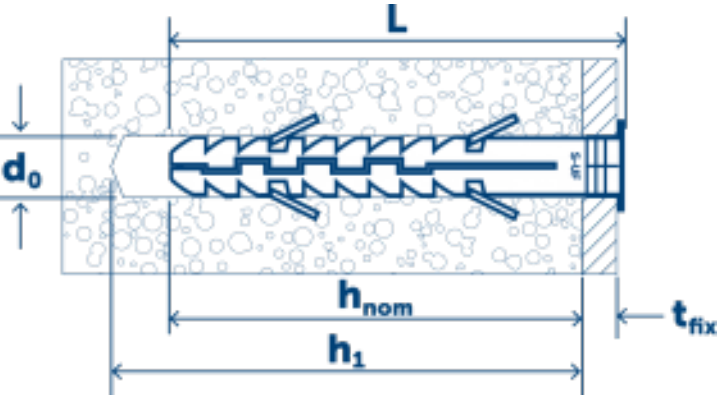


TC 5150-17

Technical data

INSTALLATION DETAILS

Size	10
Length (L)	160
Width across flats (SW)	13
Drive	T40
Max. fixture thickness (T _{fix})	110/90



INSTALLATION DETAILS

Hole in fixture (D _f)	10,5
Drill hole diameter (d ₀) ∅	10
Minimum drill hole depth	60/80
Drill hole depth (h ₁)	60/80
Nominal setting depth (H _{nom})	50/70
Effective setting depth (H _{ef})	50/70

Performance data

Base material All	Load type	Embedment depth (h_{nom})	Load direction	Load value
Non-cracked concrete C20/25	N _{Rec}	70 mm		5.0 kN
Non-cracked concrete C20/25	V _{Rec}	70 mm		6.5 kN
Cracked concrete C20/25	N _{Rec}	70 mm		2.6 kN
Cracked concrete C20/25	V _{Rec}	70 mm		6.5 kN
Aerated concrete AAC 1,5	N _{Rec}	70 mm		0.25 kN
Aerated concrete AAC 2,5	N _{Rec}	70 mm		0.45 kN
Aerated concrete AAC 4,0	N _{Rec}	70 mm		0.8 kN
Solid light expanded clay aggregate fb ≥ 3 MN/m ²	N _{Rec}	70 mm		0.55 kN
Hollow light expanded clay aggregate fb ≥ 2,7 MN/m ²	N _{Rec}	70 mm		0.50 kN
Light expanded clay aggregate with insulation fb ≥ 4 MN/m ²	N _{Rec}	70 mm		0.70 kN

Installation

