

# PFG Anchorshield TYPE ES 16 ZP

SORMAT CODE 9640077505



## The original shield anchors with extra expansion for low-quality concrete

- Torque-controlled shield anchors for pre- and distance installations depending on the type.
- 4-way extra wide expansion for great performance also in lower quality base materials found in many old constructions. Good tolerance for variation in drill hole size.
- ES with internal thread for use with bolts and rods.
- ZP for dry indoor and temporary outdoor use; Blackdized for dry and humid indoor use, outdoor in rural areas only.

## PRODUCT OVERVIEW

Other codes	SNRO 1356286 /
Material	Steel, zinc plated
Packages	box (bag): 10 / outer carton: 100 / pallet: 5600
Weight	156.8 kg / 1000
GTIN-13	8716247775053
Availability	end of life

## APPLICATIONS

- Steel structures
- Facade scaffolding
- Gates
- Facade systems
- Sun blinds
- Steel structures
- Pipe supports

## BASE MATERIALS

### ALSO SUITABLE FOR

- Natural stone
- Non-cracked concrete

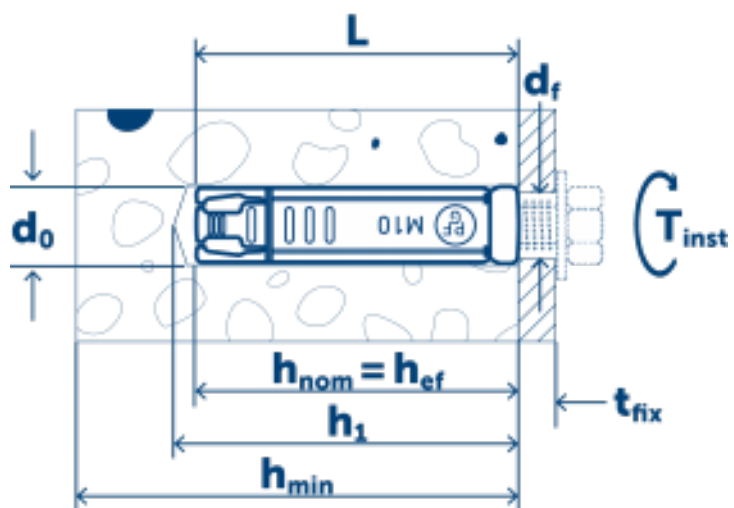
## Technical data

### INSTALLATION DETAILS



Size	M16
Length (L)	100

### INSTALLATION DETAILS

Hole in fixture ( $D_f$ )	18
Drill hole diameter ( $d_0$ ) $\varnothing$	25
Minimum drill hole depth	105
Drill hole depth ( $h_1$ )	105
Nominal setting depth ( $H_{nom}$ )	100
Effective setting depth ( $H_{ef}$ )	100
Installation torque ( $T_{inst}$ )	120



# Performance data

Base material	Load type	Embedment depth ( $h_{nom}$ )	Load direction	Load value
Non-cracked concrete C20/25	$N_{Rec}$	100 mm		11.9 kN
Non-cracked concrete C20/25	$V_{Rec}$	100 mm		35.9 kN

# Installation

