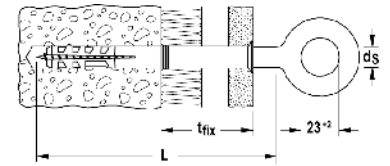


# Scaffold anchoring

## TECHNICAL DATA



Scaffold eyebolt

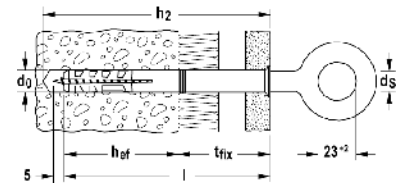


Item	Shaft diameter $d_s$ [mm]	Shaft length $L$ [mm]	Max. thickness of non-bearing layer $d_{fix}$ [mm]	Eye-Ø [mm]	Sales unit [pcs]
AF-6132	12	90	15	23	25
AF-6133	12	120	30 / 10	23	25
AF-6134	12	300	110 / 70	23	25

## TECHNICAL DATA



Nylon Plug - AF-6135



Item	Drill hole diameter $d_0$ [mm]	Min. drill hole depth for through fixings $h_2$ [mm]	Effect. anchorage depth $h_{ef}$ [mm]	Anchor length $l$ [mm]	Max. thickness of non-bearing layer $t_{fix}$ [mm]	Min. bolt penetration 1+5 [mm]	Sales unit [pcs]
AF-6135-75	14	80	70	70	-	75	25
AF-6135-10	14	110	70	100	30	105	25

1) Also suitable for screws with metric thread M12.

## LOADS

### Scaffold Screw Eye with AF-6135 Nylon Plug

Mean ultimate loads<sup>1)</sup> for tension of a single anchor.

Type	Scaffold Screw Eye with AF-6135 Nylon Plug		
Mean ultimate loads for tension in the respective base material $N_u$			
Concrete	$\geq C20/25$	[kN]	14,5
Solid brick	$\geq Mz 12$	[kN]	13,0
Solid sand-lime brick	$\geq KS 12$	[kN]	14,5
Solid brick of lightweight aggregate concrete	$\geq V 2$	[kN]	3,0
Aerated concrete	$\geq AAC 4$	[kN]	3,0

<sup>1)</sup> On these values an appropriate safety factor has to be considered.