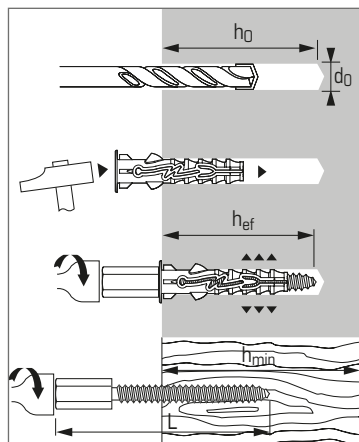




Female anchor with torque controlled expansion



APPLICATION

- Suspended ceiling
- Lights
- Studs

INSTALLATION

- **On concrete and masonry:** drilling Ø8, put the NYL anchor in the hole, and install the RM6 anchor with the setting tool,
- **On wood:** screw it directly with the setting tool.

Technical data

Anchor size	Anchor depth (mm) h_{ef}	Min. base material thickness (mm) h_{min}	Drilling depth (mm) h_0	Drilling diameter (mm) d_0	Total anchor length (mm) L	Code
6X70	40	70	45	8	68	050059

Anchors mechanical properties

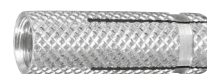
Anchor size	6X70
Threaded part	
f_{tk} (N/mm ²)	Min. tensile strength 450
f_{yk} (N/mm ²)	Yield strength 400

Recommended loads (N_{rec}) and ultimate loads ($N_{Ru,m}$) in kN

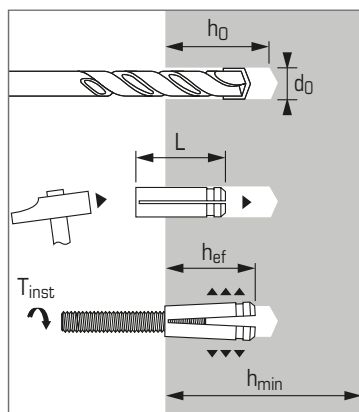
TENSILE

Base material	Anchor size h_{ef}	6X70 40
Concrete (C20/25 et C30/37)		
N_{rec}		0,8
$N_{Ru,m}$		4,0
Clay bricks BP 400		
N_{rec}		0,8
$N_{Ru,m}$		4,0
Hollow clay bricks C 40		
N_{rec}^*		0,35
$N_{Ru,m}^*$		2,0
Wood		
N_{rec}^*		0,5
$N_{Ru,m}^*$		2,0

*Using SPIT NYL 8 for RM6 in concrete and brick. Concrete rendered (max 5 mm): recommended load reduced by 50%



Female anchor with torque controlled expansion



APPLICATION

- Suspended system
- Threaded studs

Technical data

Anchor size	Anchor depth (mm) h_{ef}	Min. base material thick. (mm) h_{min}	Drilling depth (mm) h_0	Drilling diameter (mm) d_0	Total anchor length (mm) L	Tighten torque (Nm) T_{inst}	Code
M4X15	15	50	22	5	15	4	052469
M6X20	20	60	30	8	20	9	062450
M8X30	30	70	35	10	30	20	062460

Recommended loads (N_{rec}) in kN

TENSILE

Base material	Anchor size h_{ef}	M4 15	M6 23	M8 28
Concrete (C20/25 to C40/50)				
N_{rec}		0,05	0,40	0,60
Hollow clay bricks BP 400				
N_{rec}		0,04	0,35	0,50

Concrete rendered (max 5 mm): recommended load reduced by 50%