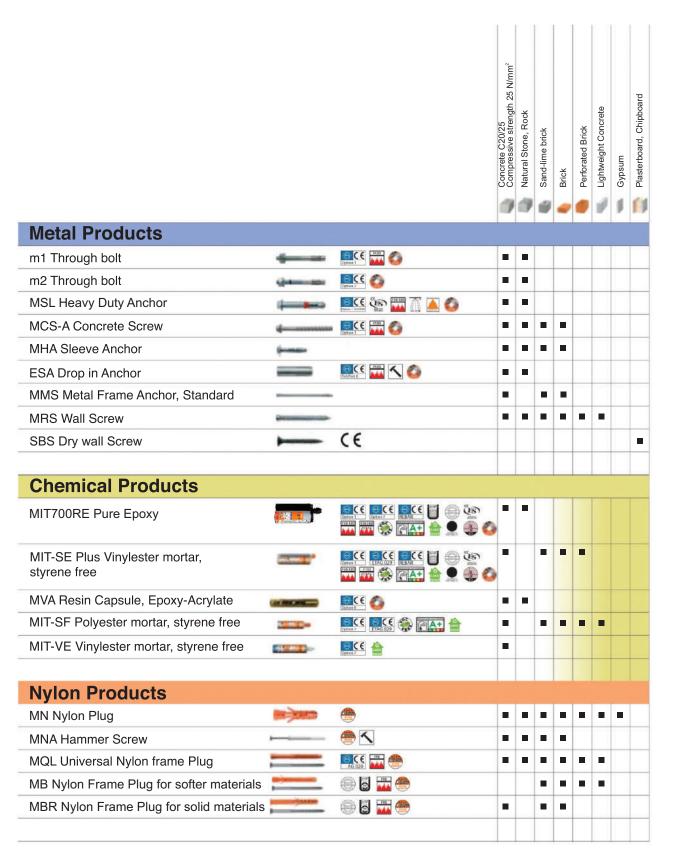
# **Anchor Selection Chart**





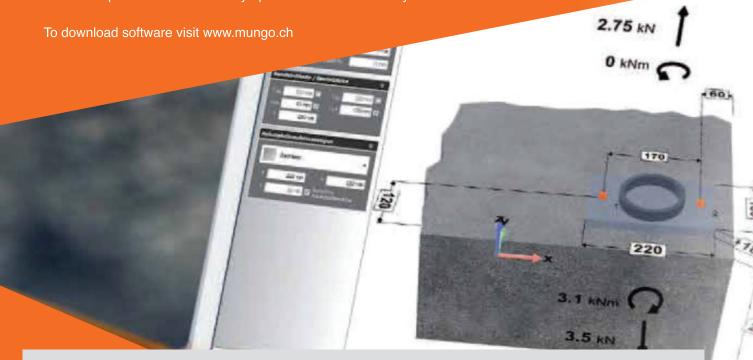


# **Mungo Design Software**

## Available as a download

The advantage of Mungo Design software at a glance:

- User:friendly look and feel
- Optional user prompting and helpful reminders for missing information service to reduce familiarisation time to a minimum
- The data can be edited either directly in the graphic or in the provided data fields
- Multilingual user interface
- Easy switching between a 2D and 3D view of the graphic
- Contact details of companies can be saved and reused
- Complete documentation: Calculations, approvals and catalogue page can be created with one click
- Online updates: Quick and easy updates load automatically



# **Mungo Fixings India Private Limited**

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Fixing solutions for professionals







# m1 Throughbolt

European Technical Approval Option 1 for cracked and non-cracked concrete

### **Applications**

Steel constructions, Profiles, Machines, Substructures,

#### **Technical Data**

**Technical Data** 

Concrete 20/25 rec.

tension load (kN)

	Non-cracked concrete C20/25 tension load (kN)	Cracked concrete C20/25 tension load (kN)	Cracked concrete C20/25 tension load (kN)
M8	4.3	2.9	6.2
M10	7.6	5.7	11.4
M12	9.5	7.6	16.2
M16	16.7	9.5	31.4

ESA / ESAK Drop in Anchor

For use in reinforced or non reinforced concrete

Pipes, Ventilation Systems, Cable Trays, Suspended



## m2 Throughbolt

#### **Features**

European Technical Approval Option 7 for non-cracked concrete

### **Applications**

Wooden constructions, distance fixing

#### **Technical Data**

	Concrete C20/25 tension load (kN)	Concrete C20/25 Shear load (kN)
M8	5.7	3.9
M10	7.6	6.2
M12	8.3	8.4
M16	9.9	15.7



# MCS-A Concrete Screw

European Technical Approval Option 1 for cracked and non-cracked concrete

### **Applications**

Railings, Substructures, Profiles, Steel Constructions, Wooden Construction, Ventilation Systems

#### **Technical Data**

Non	-cracked concrete C20/25 tension load (kN)	Cracked concrete C20/25 tension load (kN)	Cracked concrete C20/25 Shear load (kN)
Ø8/6	5.4	1.4	4.5
Ø10/8	7.9	3.0	9.6
Ø12/10	8.5	3.1	15.4
Ø16/M	13.6	5.4	27.1

# MSL Heavy Duty Anchor,

1.2

5.3 7.4

European Technical Approval Option 1 for cracked and non cracked concrete

### **Applications**

Machines, Cable trays, Pipes, Gates, Substructures, Railings



No	n-cracked concrete C20/25 tension load (kN)	Cracked concrete C20/25 tension load (kN)	Cracked concrete C20/25 Shear load (kN)	
Ø8/6	5.4	1.4	4.5	
Ø10/8	7.9	3.0	9.6	
Ø12/10	8.5	3.1	15.4	
Ø16/M	13.6	5.4	27.1	

# m2-A Throughbolt

### Features

Torque controlled expansion. Pre installation or through fixing. Indoor applications

### **Applications**

Steel constructions, profiles, machines, high-racks,

### **Technical Data**

	Concrete C20/25 tension load (kN)	Installation torque (Nm) Tinst	Wrench size SW
M8	4.5	15	13
M10	6.1	30	17
M12	6.7	50	19
M16	7.9	100	24

# MIT-SE Plus / MIT-VE Vinylester mortar styrene free

European Technical Approval Option 1 for cracked and noncracked concrete with anchor rod and with rebar used as anchor Application also in damp and water-filled drill holes

#### **Applications**

Post-installed Rebar Connections, Steel Constructions, Wooden Constructions, Facades, Facade Scaffolds, Railings, High-racks, Machines, Staircases, Ladders, Cable Trays, Hand-rails, Consoles



# **MIT-SP** Polyester mortar styrene free

European Technical Approval Option 7 for non-cracked concrete with anchor rod and rebar used as anchor

#### **Applications**

Light Steel Constructions, Frames, Gates, Light Duty Applications



## MRS Wall Screw

### Applications

Wooden Constructions, Windows, Frames

### **Technical Data**

$\epsilon$	Tension load (kN) edge distance >30mm
MRS Concrete	1.2
MRS Brick	0.8
MRS Perforate Brick	0.2
MRS L'weight concret	e 0.2

# MIT700RE Pure Epoxy

European Technical Approval Option 1 for cracked and noncracked concrete with anchor rod and with rebar used as anchor Application also in damp and water-filled drill holes

#### **Applications**

Post-installed Rebar Connections, Steel Constructions, Wooden Constructions, Facades, Facade Scaffolds, Railings, High-racks, Machines, Staircases, Ladders, Cable Trays, Hand-rails, Consoles



# MVA Resin Capsule, Epoxy-Acrylate

European Technical Approval Option 8 for non-cracked concrete

## **Applications**

Steel Constructions, Cable Trays, Guard Rails, Substructures,



# MIT-GS Threaded rod, Anchor rod, Anchor Sleeve with internal thread



# MN Nylon Plug for solid building materials

### Features

Can be used with wood screws,, chipoard screws and metric screws

**Dia:** 4 - 20mm

#### **Applications**

Pictures, Lamps, Holders, Profiles, Substructures,

## **Technical Data**

	Concrete 20/25 tension load (kN)
MN 6	0.6
MN 8	0.86
MN 10	1.4
MN 12	1.8

# **MNA** Hammer Screw

#### Features

Quick and simple installation

#### **Applications**

Wooden Constructions, Skirtings, Profiles, Frames



# **MQL** Universal Nylon Frame Plug

## **Features**

ETAG 020 - Approved for multiple use in concrete and masonry for non-structural applications

## **Applications**

Facade and Roof Substructures, Ventilated Facades, Fixing for Insulation, Substructures, Profiles



# **MBR** Nylon Frame Plug

# Nylon Frame Plug with German national approval (DIBT) ETAG

2 - Approved for multiples use in concrete and masonry for nonstructural applications

# **Applications**

Facade Fixings, Profiles, Substructures, Frames

# **Dia:** 8 - 30mm



# **SBS** Drywall Screw











