

Anchor Selection Chart

	Concrete C20/25 Compressive strength 25 N/mm ²	Natural Stone, Rock	Sand-lime brick	Brick	Perforated Brick	Lightweight Concrete	Gypsum	Plasterboard, Chipboard
Metal Products								
m1t Through bolt								
m2 Through bolt								
HL Heavy Duty Anchor								
MCS-A Concrete Screw								
MHA Sleeve Anchor								
ESA Drop in Anchor								
MMS Metal Frame Anchor, Standard								
MRS Wall Screw								
SBS Dry wall Screw								
Chemical Products								
MIT600RE Pure Epoxy								
MIT-SE Plus Vinylester mortar, styrene free								
MVA Resin Capsule, Epoxy-Acrylate								
MIT-SF Polyester mortar, styrene free								
MIT-VE Vinylester mortar, styrene free								
Nylon Products								
MN Nylon Plug								
MNA Hammer Screw								
MQL Universal Nylon frame Plug								
MB Nylon Frame Plug for softer materials								
MBR Nylon Frame Plug for solid materials								

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

To download software visit www.mungo.ch

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Hikoki 05/2019/15K

m2/m2t



MIT600RE



MQL



Fixing solutions for professionals

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m1t Throughbolt

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

Applications
Steel constructions, Profiles, Machines, Substructures, High-racks, Cable trays

Technical Data

	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



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



GreenTec®

The new coating, successfully tested and examined in the salt spray testing process.



MIT-SE Plus / MITVE Vinylester mortar styrene free

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



MIT600RE Pure Epoxy

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



MN Nylon Plug for solid building materials

Features
Can be used with wood screws, chipboard screws and metric screws

Dia: 4 - 20mm

Applications
Pictures, Lamps, Holders, Profiles, Substructures, Electric Switches, Rails

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



ESA / ESAK Drop in Anchor

Features
For use in reinforced or non reinforced concrete

Applications
Pipes, Ventilation Systems, Cable Trays, Suspended Ceilings

Technical Data

	Concrete 20/25 rec. tension load (kN)
M6	1.2
M8	2
M10	3
M12	5.3
M16	7.4
M20	11



MCS-A Concrete Screw

Features
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



MIT-SP Polyester mortar styrene free

Features
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



MVA Resin Capsule, Epoxy-Acrylate

Features
European Technical Approval Option 8 for non-cracked concrete

Applications
Steel Constructions, Cable Trays, Guard Rails, Substructures, Machines

Dia: 3 - 30mm



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

Features
Nylon Frame Plug with German national approval (DIBT) ETAG 2 - Approved for multiples use in concrete and masonry for non-structural applications

Applications
Facade Fixings, Profiles, Substructures, Frames

Dia: 8 - 30mm



HL Heavy Duty Anchor

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

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



MHA Sleeve Anchor

Features
Small edge and spacing distances

Applications
Steel Constructions, Profiles

Technical Data

	Concrete C20/25 tension load (kN)	Concrete C20/25 Shear load (kN)
M6	2	3.2
M8	3	3.5
M10	5	6
M12	7.5	8.5



MRS Wall Screw

Applications
Wooden Constructions, Windows, Frames

Technical Data

	Tension load (kN) edge distance >30mm
MRS Concrete	1.2
MRS Brick	0.8
MRS Perforate Brick	0.2
MRS L'weight concrete	0.2



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



SBS Drywall Screw

