




































Anchor Selection Chart

			Concrete C20/25 Compressive strength 25 N/mm²	Natural Stone, Rock	Sand-lime brick	Brick	Perforated Brick	Lightweight Concrete	Gypsum	Plasterboard, Chipboard
Metal Products										
m1 Through bolt			■	■						
m2 Through bolt			■	■						
MSL 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										
MIT700RE 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			■	■	■					

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m2



MIT700RE



MQL

Fixing solutions  
for professionals





### m1 Throughbolt

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

**Applications**  
Steel constructions, Profiles, Machines, Substructures,

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



### ESA / ESAK Drop in Anchor

**Features**  
For use in reinforced or non reinforced concrete

**Applications**  
Pipes, Ventilation Systems, Cable Trays, Suspended

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



### MSL Heavy Duty Anchor,

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

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



### 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

**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



### m2-A Throughbolt

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

**Applications**  
Steel constructions, profiles, machines, high-racks, cable trays

Technical Data			
	Concrete C20/25 tension load (kN)	Installation torque (Nm) T <sub>inst</sub>	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

**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



### 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



### 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



### MIT700RE 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



### MVA Resin Capsule, Epoxy-Acrylate

**Features**  
European Technical Approval Option 8 for non-cracked concrete

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



### 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



### ML 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



### SBS Drywall Screw

