MRT

MRT Footing is a reliable and economical solution designed to meet standard usage needs.

To adapt to the technical requirements of different projects, MRT Footing is manufactured with the following options:

Ø19 pipe,
Ø21x1.5 pipe,
Ø25x2 pipe.

Furthermore, with M14, M16, M18 and M20 rod options, the load-bearing capacity can be optimized according to project needs. This allows MRT Footing to offer a wide range of applications, from small-scale projects to high-load office floors.

With a distributed load-bearing capacity ranging from 800 to 1500 kg, the system is an ideal solution, especially for office environments and living spaces with standard load densities.

The use of bracing in the system increases rigidity and stability. The bracing is interlocking; bracing screwing can also be applied upon request.



MRT / TECHNICAL

Technical Data:
Element class according to DIN EN 12825: 6
Single Load:
M14, ≥ 3 kN
M16, ≥ 4 kN
M18, ≥ 5 kN
Distributed Load:
M14, ≥ 7 kN
M16, ≥ 9 kN
M18, ≥ 12 kN
Breaking Load:
M14, ≥ 8 kN
M16, ≥ 11 kN
M18, ≥ 14 kN

Head:
Head plate dimensions: 80 × 80 × 2 mm
The head is made of Ø21 × 1.5 mm steel pipe.
MRT head can be used with or without bracing on encapsulated panels, PVC panels and wooden panels..

TBase and Rod:
Base plate dimensions: 75 x 75 × 1.5 mm (Ø100x1.5)
Steel Adjustment Rod: M14 × 1.25 thread, 117 mm rod length (M14, M16, M18)
The rod is mounted to the base plate using a rolling (tight fit) method. Precise height adjustment can be made thanks to the (M14, M16, M18) nut.

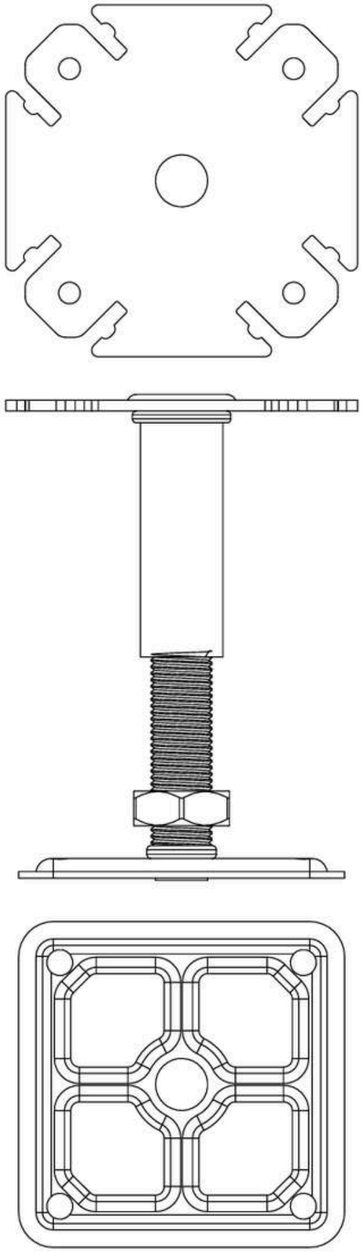
Load Capacity (System):
Single load capacity:

M14 ≥ 3 kN (~300 kg)
M16 ≥ 4 kN (~ 400 kg)
M18 ≥ 5 kN (~ 500 kg)
Distributed load capacity:

M14 ≥ 7 kN (~700 kg)
M16 ≥ 9 kN (~ 900 kg)
M18 ≥ 12 kN (~ 1200 kg)
Breaking load:

M14 ≥ 8 kN (~800 kg)
M16 ≥ 11 kN (~ 1100 kg)
M18 ≥ 14 kN (~ 1400 kg)

Fixing to the ground:
Base plate with marine adhesive It is fixed to the floor by gluing. Adjustment and Fixing: After making the appropriate height adjustment, the adjustment nut at the connection point of the head and the base is secured with Loctite 243 or equivalent adhesive.



MRT- M

To adapt to the technical requirements of different projects, the MRT-M Foot is manufactured with:

A Ø25x2 pipe option.

Furthermore, with M18 and M20 rod options, the load-bearing capacity can be optimized according to project needs. This allows the MRT-M Foot to offer a wide range of applications, from small-scale projects to high-load office floors.

With a distributed load-bearing capacity ranging from 800 to 1500 kg, the system is an ideal solution, especially for office environments and living spaces with standard load densities.

The use of bracing increases rigidity and stability. The bracing is interlocking; bracing with screws can also be applied upon request.



MRT - M / TECHNICAL

Technical Data:
Component class according to DIN EN 12825: 6
Single Load: ≥ 6 kN (~600 kg)
Distributed Load: ≥ 16 kN (~1600 kg)
Breaking Load: ≥ 18 kN (~1800 kg)

Head:
Head plate dimensions: 80 × 80 × 2.5 mm
The MRT head is mounted by rolling with an M20 × 130 mm rod and height adjustment can be made with an M20 nut.

Base and Rod:
Base plate dimensions: 90 × 90 × 2 mm
Pipe diameter: Ø25 x 2 mm
Steel adjustable rod length 117 mm (M18, M20)
The rod is mounted to the base plate using a roll-fit (tight fit) method. Precise height adjustment can be made thanks to the (M18 or M20) nut.

Adjustment and Fixing:
After the appropriate height adjustment is made, the adjustment nut at the connection point of the head and foot is fixed with Loctite 243 or equivalent adhesive.