

# PRODUCT DATA SHEET

melbo

MELCHERS BODENSYSTEME

## HEAVY PAYLOAD PEDESTAL M20 (PLUG IN)



Operational area:	data center, switch rooms
Range of adjustment:	pedestal height from 175 to 1020 mm
Material:	steel
Refinement:	galvanized, blue passivated
Load level:	6
Packing:	boxes

### Head part

Dimension of the head plate:	for supporting and fixing of C-profiles
Threaded bolt:	M20 with nut
Head part:	centrically round welded

### Bottom part

Dimension of the bottom plate:	Bottom plate 100 x 2,5 mm, with centrically round welded press-on spigot, D = 20 x 25 mm
Dimension of the pedestal tube:	Steel tube 24 x 2 mm
Bottom part:	bottom plate with pedestal tube, hydraulically pressed

## Test results according to DIN EN 12825 raised floors

Load level:	6	
Nominal point load:	6 kN	Testing institute: I.B.B. Ingenieurbüro BAARCK
Safety point load - eccentric:	12 kN	Ludwigslust
Failure load - centric:	> 24 kN	Tested: 02.2023
Safety factor - centric:	> 4	
Void:	1020 mm	

**Installation information:** to fix the pedestals head and base part use pedestals glue or a M20 lock nut, depending on the application and environmental conditions, to prevent the pedestals from twisting. Pedestals tested individually, not in system.

### Construction with C-profiles:

T-head bolts M8 strength min. 4.6 with tensile load  $\geq 720$  N; Tightening torque: 20 Nm

**Min. insertion depth threaded bolt: 40 mm**

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