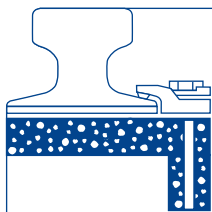


### Components

1. Chairplate with holes – thickness 15 or 20 mm.
2. GANTREX® pad type MK2-220B.
3. GANTREX® clip 41/075 hot dip galvanized.
4. Holding down bolt M20 zinc plated.
5. Levelling device.
6. GANTREX 035 non-shrink grout, recommended thickness : E = 30 mm.
7. Anchor box or drilled hole.

Rail	F (mm)	L (mm)	L1 (mm)	P (mm)	Approx. weight per chair (20 mm thick) w/o grout (kg)
S 41 / S 49 / S 54	125	270	120	195	14,1
UIC 54	140	285	135	210	14,8
UIC 60	150	295	145	220	15
MRS 87 A	152,4	300	145	222	15,2
GX 42	131,8	280	125	202	14,4
Vign. 36	115	260	110	185	13,9
Vign. 46 (U 33)	134	280	130	204	14,6
Vign. 50 (U 50)	140	285	135	210	14,8
JIS 50 N	127	275	120	197	14,3

Other dimensions or alternatives on request.



# MOUNTING ON CONCRETE



## GANTREX® chairs D 419

### Characteristics

#### • Clips

For the GANTREX® clips specific characteristics, please refer to the data sheets "Boltable clips range" and "Clip 41/075".

#### • Pad

The GANTREX® MK2-220B pad is manufactured in thermoplastic elastomer, enabling optimum load distribution.

The pad is crowned along the rail axis reducing the stress concentrations on the concrete and features lugs to prevent longitudinal slippage.

The pad width is about 5 mm inferior to the rail foot, to accommodate rail tolerances.

#### • Anchoring system

As standard : threaded bars M20 x 250, grade 4.6, zinc plated.  
Fixings acc. to DIN 529 on request.

When used, anchor boxes should have following dimensions :

- Diameter 60 mm
- Length 200 mm

#### • Holding down bolt tightening torque

The tightening torque depends on the grade of the fixing :

For fixings M20	4.6	5.6
Torque in Nm	135	170

### Ordering example

GANTREX® chair D 419 for rail UIC 60 with 4 holding down bolts M20 x 250 and 2 clips 41/075 :  
Type : D419/M20-UIC60 – 41/075 /295 x 220 x 20/4 M20 x 250

Other chair types are available or can be designed to suit the application.

Please contact our technical department to select the most appropriate chair to suit your application.

*We reserve the right to discontinue or change specifications or design at any time without prior notice and without incurring any obligation whatsoever.*



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