Patented

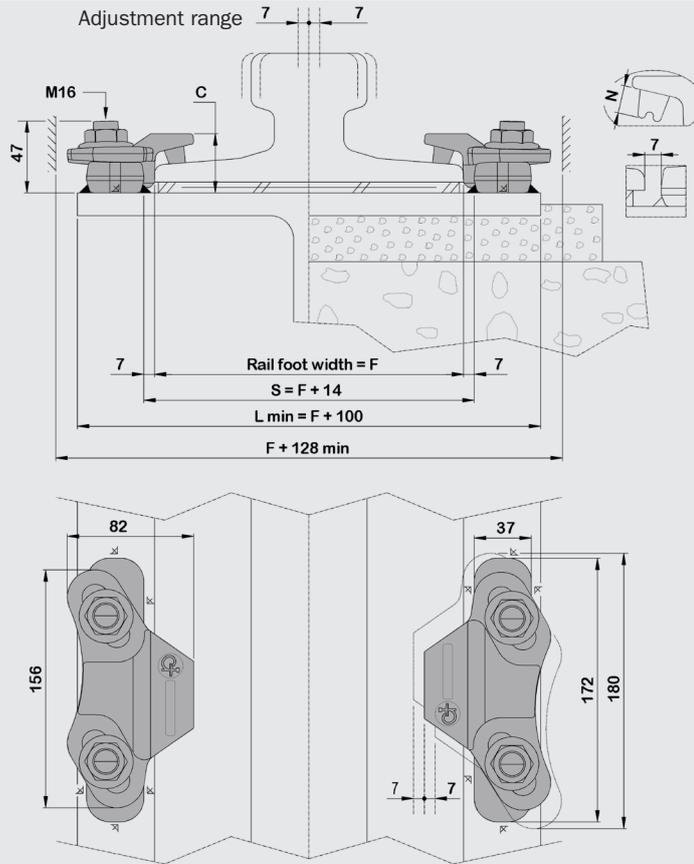**New features :**

- Double wedge with patented self-contact design of inclined bolt
- Bolts incorporate a "Square Shank Base"

CLIPS	C max	Lateral adjustment	Bolt torque	Maximum resistance to lateral forces (*)	Estimated weight
	mm	mm	Nm	kN	kg
W20/AN	31	14	200	165	1.375
W20/BN	35	14	200	165	1.395
W20/CN	39	14	200	165	1.410

N: nose height, not compressed, adapted to the rail type (see table overleaf).

(*) Higher side loads can be accepted depending on application, duty cycle and other external factors. Contact Gantrex for confirmation of side load in your application.
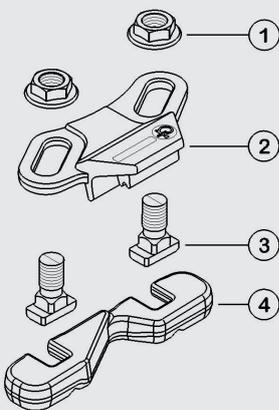
Full designation
W20/AN or W20/BN or W20/CN
Components
① 2x Sp M16 Cl8 GAL
② 1 x W20/28N or 1 x W20/31N or 1 x W20/35N
③ 2 x SSB M16x35 8.8 GAL
④ 1 x W20/23

Notes overleaf

- Clip Specification
- Clip Selection Table
  Upper component and nose height (N) according to rail type and foot size (F).
- Components Materials
- Installation and Welding Instructions
  - *Recommended weld throat size :*
    5 mm; weld leg size being then 7 mm.
  - *Any low hydrogen rod suitable for use with structural steel may be used.*
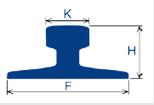
GXHQ-EN 2017-12 R3.1

CLIP SPECIFICATION

The RailLok™ patented clips are specifically designed to facilitate correct mounting of crane rails :
- The patented design with **inclined bolt** ensures tight and full **self-contact** with the rail foot.
- Bolts with **"Square Shank Base"** allow the use of impact-wrenches.
- Easier installation because of the wider adjustment range.
- Compact design : fits narrow girders and soleplates, avoid interference with guide rollers.

Once installed, the clips are self-locking and self-tightening.

CLIP SELECTION TABLE

	F mm	K mm	H mm	Weight kg/m	Mounting	
					with	without
					7 mm RailLok™ pad	
A75	200.0	75.0	85.0	56.20	W20/BI	W20/AM
A100	200.0	100.0	95.0	74.30	W20/CJ	W20/AJ
A120	220.0	120.0	105.0	100.00	W20/CI	W20/BM
A150	220.0	150.0	150.0	150.30	W20/CH	W20/BJ
CR73	140.0	100.0	135.0	73.30	W20/CI	W20/AH
MRS52 (105 CR)	131.8	65.1	131.8	52.09	W20/CJ	W20/AJ
MRS67 (135 CR)	131.8	79.4	146.1	66.97	W20/CJ	W20/AI
MRS87B (175 CR)	152.4	102.4	152.4	86.80	W20/CI	W20/AI
QU80	130.0	80.0	130.0	63.69	W20/CJ	W20/AJ
QU100	150.0	100.0	150.0	88.96	W20/CJ	W20/AI
QU120	170.0	120.0	170.0	118.10	W20/CH	W20/AH
54E1 (UIC 54)	140.0	70.0	159.0	54.77	W20/BI	W20/AJ
60E1 (UIC 60)	150.0	72.0	172.0	60.21	W20/BI	W20/AJ

Note : All dimensions are rounded off to serve as general guidelines only. Contact Gantrex for rail sizes not shown above and for help selecting rail pads.

COMPONENTS MATERIALS

The RailLok™ W20 is standard with a weldable forged steel lower component, a ductile cast iron upper component and vulcanize-bonded rubber nose. As standard, the bolts and nuts are hot dip galvanized. The upper component can also be hot dip galvanized on request.

Contact Gantrex for other options.

INSTALLATION AND SUGGESTED WELD INSTRUCTIONS

The lower component is welded on the support parallel to the axis of the rail and the upper component is fastened to it by means of the two bolts and nuts. The recommended torque is 200 Nm. Electrical and pneumatic torque wrenches are allowed as long as the minimum torque of 150 Nm is met and the torque does not exceed 250 Nm.

It is recommended the torque is regularly controlled with a calibrated torque wrench.

For most applications, the recommended weld throat size is 5 mm; the weld leg size is then 7 mm. If the pad is not used, the weld along the foot of the rail must be adapted. Use any low hydrogen rod suitable for use with structural steel: ISO2560 type E 42 5 B 32 H5, E7018 or equivalent. For full instructions on weld size and electrodes, refer to the data sheet "Installation and suggested weld instructions".

Do not apply protective coating on the contact surface between upper and lower components unless accepted by Gantrex. Do not use solvents as they may seriously damage the rubber nose.

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