

New features :

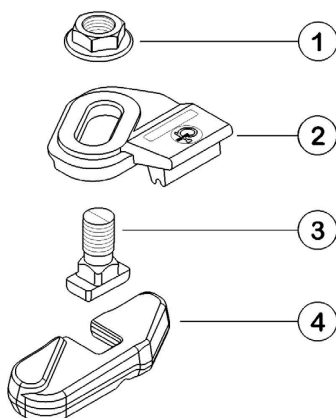
- "Double wedge design"
- Bolts incorporate a "Square Shank Base"

Patent pending

CLIPS	C max	Lateral adjustment	Bolt torque	Maximum resistance to lateral forces (*)	Estimated weight
	mm	mm	Nm	kN	kg
W15/AN	30	12	200	120	0.880
W15/BN	34	12	200	120	0.880
W15/CN	41	12	200	120	0.912
W15/DN	45	12	200	120	0.922

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

(*) Contact GANTREX for application conditions.



Full designation	
W15/AN or W15/BN or W15/CN or W15/DN	
Components	
①	1x Sp M16 C18 GAL
②	1x W15/28N or 1x W15/29N or 1x W15/35N or 1x W15/39N
③	1x SSB M16x35 8.8 GAL
④	1x W15/23

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.

CLIP SPECIFICATION

The RailLok™ patent pending clips are specifically designed to facilitate correct mounting of crane rails :

- The “*Double Wedge Design*” ensures tight 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	K	H	Weight	Mounting	
	mm	mm	mm	kg/m	with	without
	7 mm RailLok™ pad					
A 65	175.0	65.0	75.0	43.10	W15/BJ	W15/AM
A 75	200.0	75.0	85.0	56.20	W15/BI	W15/AM
A 100	200.0	100.0	95.0	74.30	W15/BH	W15/AJ
A 120	220.0	120.0	105.0	100.00	W15/CJ	W15/BM
CR 73	140.0	100.0	135.0	73.30	W15/CJ	W15/BJ
CR 100	155.0	120.0	150.0	100.20	W15/CH	W15/BH
105 CR/MRS 52	131.8	65.1	131.8	52.09	W15/BH	W15/AJ
135 CR	131.8	76.2	146.0	66.97	W15/CM	W15/BM
171 CR	152.4	101.6	152.4	84.83	W15/CI	W15/BJ
175 CR	152.4	102.4	152.4	86.80	W15/CJ	W15/AI
MRS 87 A	152.4	101.6	152.4	86.80	W15/CI	W15/BJ
QU 80	130.0	80.0	130.0	63.70	W15/BI	W15/AJ
QU 100	150.0	100.0	150.0	89.10	W15/CM	W15/AI
S 49	125.0	67.0	149.0	49.43	W15/BI	W15/AM
UIC 54	140.0	70.0	159.0	54.43	W15/BI	W15/AJ
UIC 60	150.0	72.0	172.0	60.34	W15/BI	W15/AJ

Contact GANTREX S.A. for other rails and pads.

COMPONENTS MATERIALS

The RailLok™ W15 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 one bolt and nut. 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 removed. 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.