

ON TRACK

RAIL CLIPS

Rail clips are used to hold rail tracks to the sleepers. Heat treatment processing and corrosion resistant coating gives these clips the strength to hold the tracks in place under several hundred tonnes of train whilst being flexible and able to withstand the effects of weathering for many years.



Steel bar or strip is cut into pieces and hot forged into the shapes and sizes required.



B The clips are heat treated to harden the steel and increase the yield strength for flexibility.



B Finally, the clips are Sherardized to improve their life expectancy against environmental corrosion, without reducing their fatigue life.



End application – railway lines.

BODYCOTE COMPONENT JOURNEYS

This is just one example of how Bodycote brings together the huge wealth of knowledge and expertise from across the Group to provide the vital engineering services our customers need.

For more component journeys visit www.bodycote.com

B The Bodycote 'B' next to a component journey stage shows where Bodycote's vital services have been applied.