



## MANUFACTURING PROCESS / QUALITY CONTROL – REBAR COUPLERS

1. Raw material inspection: All raw materials, such as steel bars and coupler sleeves, are inspected for quality and conformity to specifications before they are accepted for use in the manufacturing process.
2. Production planning and control: A detailed production plan is prepared to ensure that manufacturing activities are carried out in a systematic and controlled manner. The plan takes into account the available resources, such as personnel, equipment, and materials.
3. Manufacturing process: The manufacturing process is carried out in accordance with the approved manufacturing procedures and work instructions. All process parameters are monitored and recorded to ensure that the products meet the required specifications.
4. In-process inspection: The products are inspected at various stages of the manufacturing process to ensure that they meet the required specifications. The inspection includes visual inspection, dimensional inspection, and mechanical testing. Size gauges are used to check the accuracy.
5. Final inspection: Once the couplers are completed, they are subjected to final inspection to ensure that they meet all the required specifications. The inspection includes visual inspection, dimensional inspection, and mechanical testing (Once per material Lot).
6. Packaging and labelling: The products are packaged in accordance with the approved packaging procedures and labelled with all the required information, such as product name, batch number, and manufacturing date.
7. Storage and transportation: The products are stored in a controlled environment to prevent any damage or deterioration from dust and humidity.
8. Quality control documentation: All inspection and testing results are recorded and maintained in a quality control documentation system. This system is used to track the quality of the products and to identify any areas for improvement.
9. Continuous improvement: The manufacturing process is continually monitored and evaluated to identify areas for improvement. Any necessary corrective actions are taken to prevent the recurrence of quality issues and to improve the overall quality of the products. Customer feedbacks are taken very seriously to upgrade the quality of our couplers.

