

IMPORTANT INSTRUCTIONS



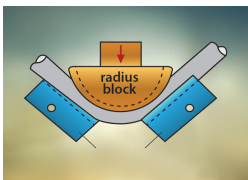
Handling & Storage of Steel Rebar:

1. To safeguard rebars from dust and moisture, always offload or store them in a dry, dust-free area, placing them on wooden blocks to prevent contact with damp surfaces.
2. Ensuring proper rebar storage is crucial, refrain from adding extra weight on top to prevent potential damage or loss.
3. To preserve the quality of the rebars, always shield them from fog and dew by covering them with moisture-free tarpaulin.
4. To facilitate easy identification, arrange the rebars according to their size and length.
5. To protect the safety of the rebars, avoid stacking them in a manner that may cause them to fall and become damaged.

Bending of Steel Rebar:

Dear customer,

1. To ensure the quality of rebars is maintained, use advanced computerized tools, such as bending pins, for precision in bending rebars according to industry standards.
2. When conducting on-site rebar bending procedures, ensure the appropriate tools are employed to minimize the risk of potential damage or loss.



1.

As per ASTM A615-16

Bar Size	Bending Radius
16mm and below diameter	3,5 d
16mm to 25mm diameter	5 d
Above 25mm diameter	7 d

As per ASTM A706-16

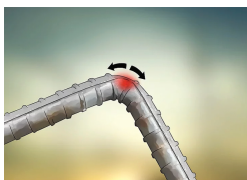
Bar Size	Bending Radius
16mm and below diameter	3 d
16mm to 25mm diameter	4 d
Above 25mm diameter	6 d

As per BS4449-16

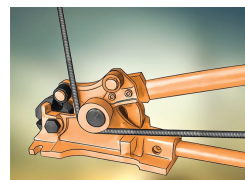
Bar Size	Bending Radius
16mm and below diameter	4 d
Above 16mm diameter	7 d

Note: d stands for Nominal Diameter

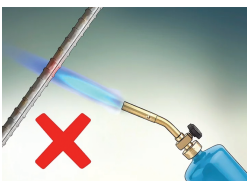
Key Considerations for Effective Rebar Bending:



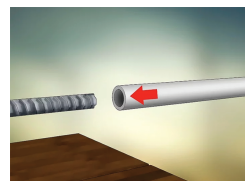
1. Bending the rebar with a smaller internal diameter than recommended exerts excessive pressure, potentially compromising its strength.



2. Using appropriate bending tools is crucial to protect the internal band diameters.



3. Refrain from heating non-weldable rebars for bending.



4. Employ professional molding tools. Using non-professional alternatives like pipes may hinder accurate band diameter assessment and weaken its bending point.



6. Avoid hitting the rebars with a hammer or other tool during bending as it may lead to overturning and surface damage.