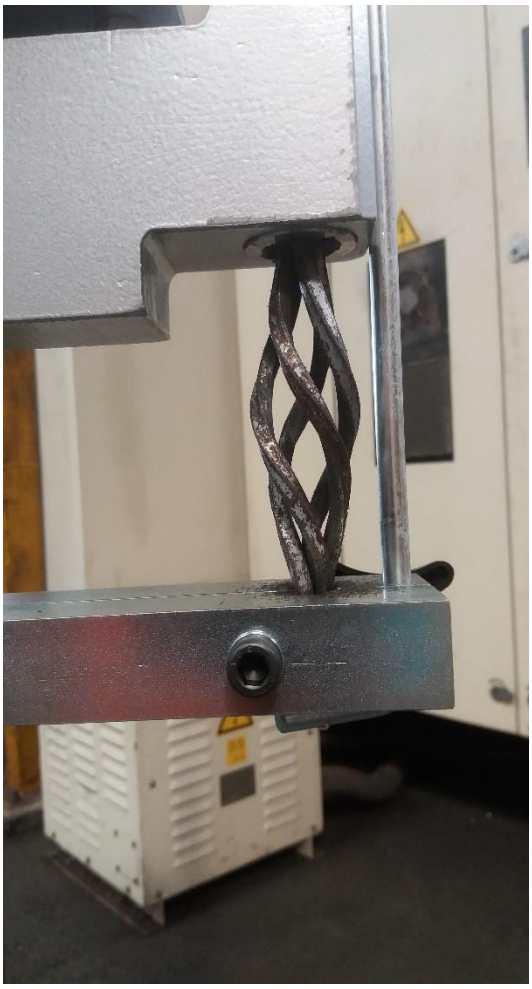
Picket Twister attachment.

Thank you for purchasing the Bramley Picket Twister Attachment.



This Picket Twister is Designed to Twist 25mm x 5mm flat mild steel bar or 12mm (1/2inch) square mild steel bar.

It will produce cages from (6mm) 1/4 inch square mild steel bar (do not use key steel).

This Picket Twister is designed as an add on attachment to our Tube Bender/stand combination (o64/o65) as it bolts directly to the o65 Tube Bender Stand.

It is possible to use this Picket Twister on its own with a suitable stand to bolt it to (floor to cealing post or wall not suitable as Picket Twister ideally requires 360 degrees of movement. Repositioning handle assembly after half a turn is not ideal as there is a considerable amount of spring back in a picket twisting Bend).

The Picket Twister Handle assembly shown is reversable to allow long twists in bars (LH) while still able to make short twists and cages as shown (RH).

There is a bar stop included to allow repeated identical bends.

Picket Twisting is done by setting stop by required amount, Inserting bar to be twisted and fitting Handle assembly over the top of bar the desired way up depending on length of twist. Alternatively, if very long bars are having shorter twists on one end, they can be inserted to handle first and then fitted to picket twister. Handle is then turned the required direction and amount of turns to get required look.

Bottom dies are in two halves allowing them to separate for multiple twist on one length.

Care must obviously be taken to not trap top die between two twists. Once steel has been twisted it can only be removed directly out of top dies and cannot be pulled back through them. This just takes planning before end twists are carried out.

Cage Making

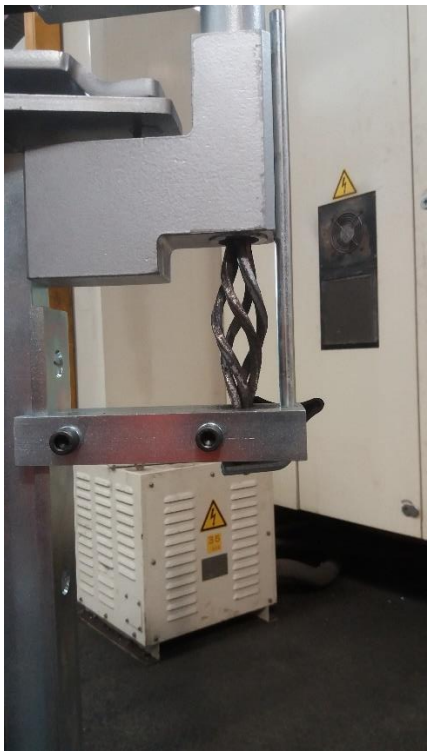
This is a two stage Bend Process with a little weld preperation before commencing.

First four lengths of 6mm (1/4inch) material as shown were cut to 175mm (7inchs). Both ends of the bar are welded up.

This is important as if any of the lengths were to slip down in the twisting dies, bend will be spoiled. The Cage would fall apart as soon as cage were removed from machine if they were not welded together.

Bar assembly is now inserted into Picket Twister with dies in handle assembly faceing down.

Twist is now performed in desired direction. Twist is now reversed opening out cage to desired shape.



If cage does not open out evenly a large screw driver or similar can be used between the cage legs to gently even them out before removing cage from top and bottom dies.