

INTRODUCING THE...

X Sharp cmg MANUAL TOOL GRINDER



FEATURES

EXCELLENT GRIND QUALITY

With the same CBN grinding wheel and grinding motor as the X-Sharp grinder, your punches and dies are sharpened with a first-rate surface finish.

MANUAL GRINDING PROCESS

The X-Sharp cmg uses a simple manual grinding process to sharpen tools. A digital read-out ensures the correct amount of material is removed.

SHEAR GRINDING

Punches with shears can also be sharpened using the X-Sharp cmg Shear Grinding Chuck.

COOLANT

The X-Sharp cmg is equipped with a powerful closed coolant system, ensuring the tool is constantly flooded with coolant during the grinding process. This prevents burning and surface cracking, improving the quality of the grind and helping to maximize your tool life by giving you a factory sharp edge every time.

FOR MORE INFORMATION ON THE X-SHARP CMG AND ANY OTHER PRODUCTS, WILSON TOOL CAN BE CONTACTED DIRECT ON: 0800 373748 (FREEPHONE) 1-800 709009 (FREEPHONE EIRE) OR ALTERNATIVELY EMAIL SALES@WILSONTOOL.EU.COM

TRICKS OF THE TRADE

Q: I am having trouble with sheet distortion using a cluster tool on our thick turret punch press. Is there anything that can be done to reduce this distortion?

A: Sheet distortion is a problem that can be quite costly in multiple ways. It can cause rejections, multiple operations, or scrap if a corner catches the upper turret and folds up.

There are a number of ways to deal with distortion when using a cluster punch. Distortion can be controlled somewhat by some or all of the following methods:

1. Fine tuning your punching pattern – consider a random punch pattern rather than sequential.
2. Make sure the tooling is sharp.
3. Back bend the sheet between the die and stripper to reduce distortion by 30-80%
4. Consult your Sales Engineer or the Wilson Tool sales desk for this solution to your sheet distortion problems.

The photograph shows a part that was produced using a cluster tool.

The die and stripper were modified to virtually eliminate any sheet distortion.

