



## CHECKLIST

### FOR THE SAFE USE OF GRINDING WHEELS

- Read the safety regulations of your country carefully. Safety leaflets can be downloaded from [www.fepa.org](http://www.fepa.org).
- Read carefully all safety regulations given by grinding wheel and machine tool suppliers.
- Ensure that the maximum allowed peripheral speed of the grinding wheel is in line with the peripheral speed of the grinding machine.
- Check the grinding wheel for visual damage incurred by transportation or other handling.
- Ring the grinding wheel to check for hidden cracks. If the wheel creates a dull tone, don't use it!
- Use a plastic flange or paper blotter to mount the wheel onto the steel flange. Before mounting the paper blotter, moisten it with cooling fluid.
- Always use a torque wrench when tightening the flange screws. Tighten the screws in a diametrically opposed sequence. Ensure that the flange surface is free of damages and apply the correct torque.
- Balance the grinding wheels prior to grinding operation.
- Check the safety guards for proper functioning.
- Never remove the safety guards and never bypass the safety doors in the machine.
- Always wear safety glasses.
- Start the machine and run the wheel for at least one minute with the maximum allowed peripheral speed.
- Dress the grinding wheel prior to operating.
- After use, store the wheel correctly. Unused wheels can be stored upright; used wheels must be stored horizontally.

**The Winterthur Technology Group will not be held liable for damages resulting from improper use of abrasive products**

For torque values consult the Winterthur handbooks.