

Metric MT KMT for Heidenhain TNC

System requirements:

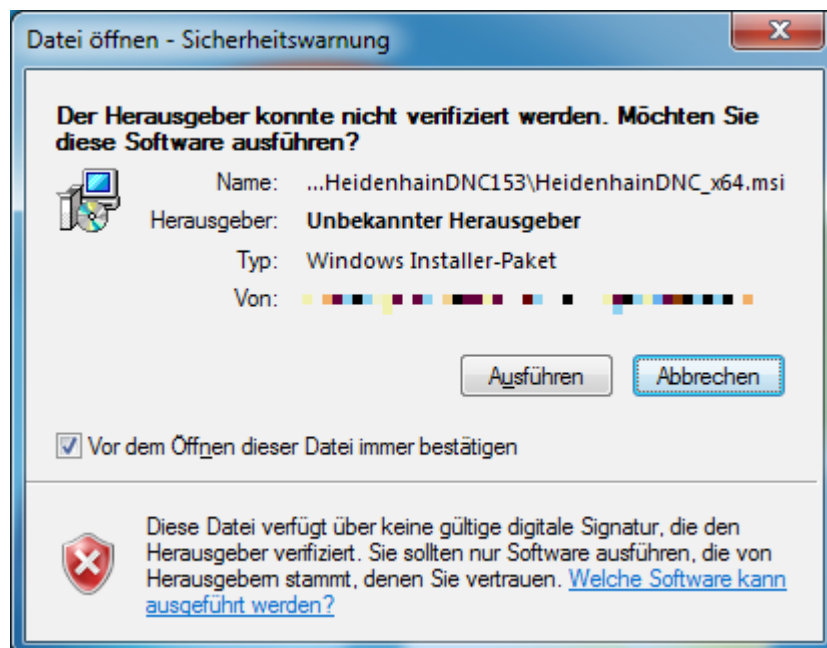
- Heidenhain Anilam i-Series, ATEK M, CNC PILOT 4290, CNC PILOT 6xx, GRINDplus IT, GRINDplus 640, iTNC 530, MANUALplus 620, MillPlus SP, MillPlus IT DP, MillPlus IT V6xx, TNC 128, TNC 6xx, TNC 320
- A certain minimum firmware version may be required for the relevant controllers.
- The chargeable DNC (option 18) must be activated on the controllers.
- The computer on which the metric is running must have a connection to the controller using Ethernet or other interfaces, depending on the controller.
- The requirements necessary for the metric apply to the computer and the operating system.

Installation

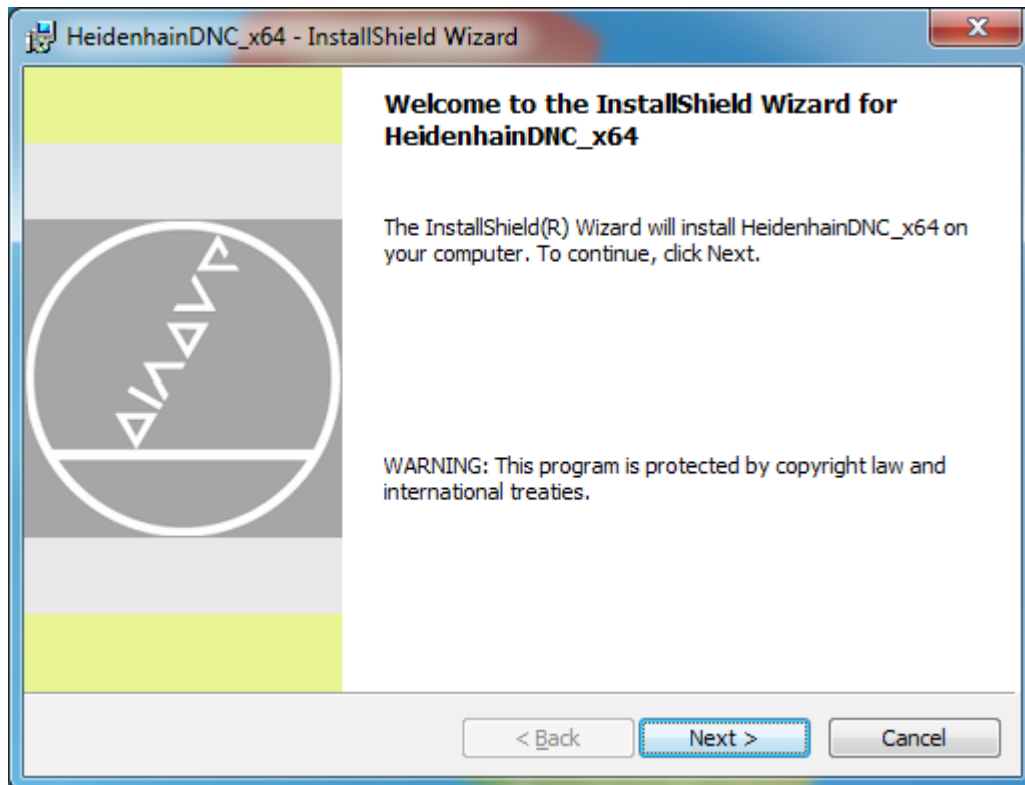
- Metric
 - IDS uEye (or other hardware)
- Heidenhain DNC (see procedure below)

Heidenhain DNC installation

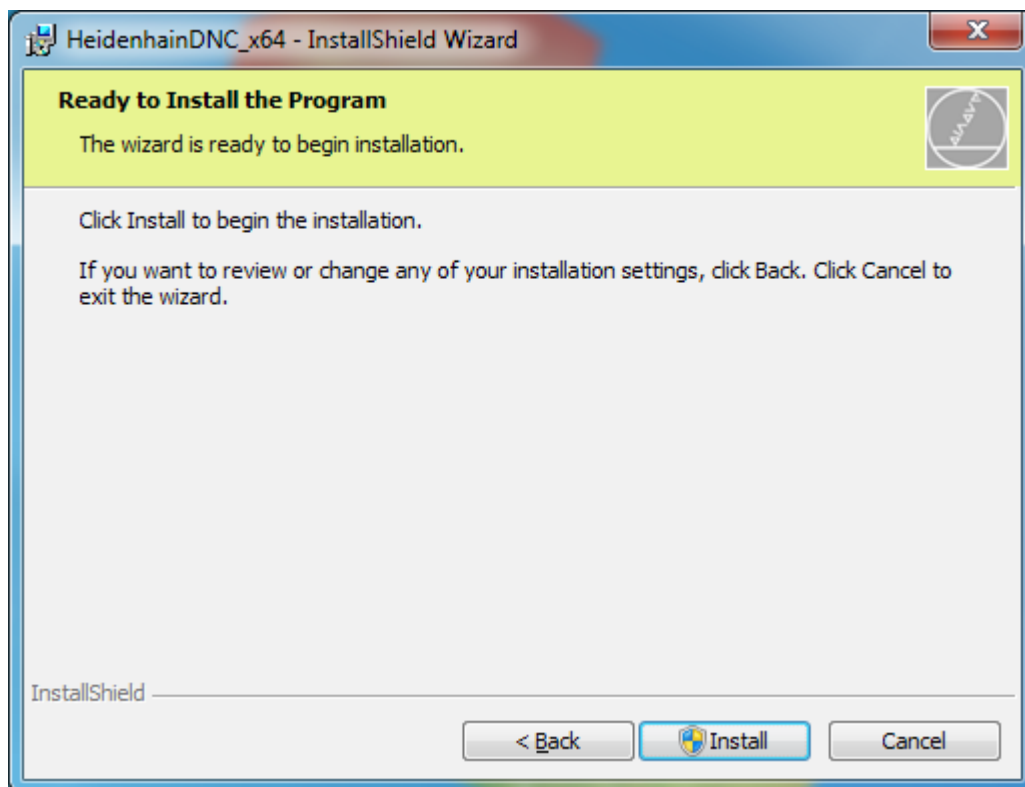
From the subdirectory Driver\HeidenhainDNC, install either HeidenhainDNC.msi (32-bit systems) or HeidenhainDNC_x64 (64-bit systems)



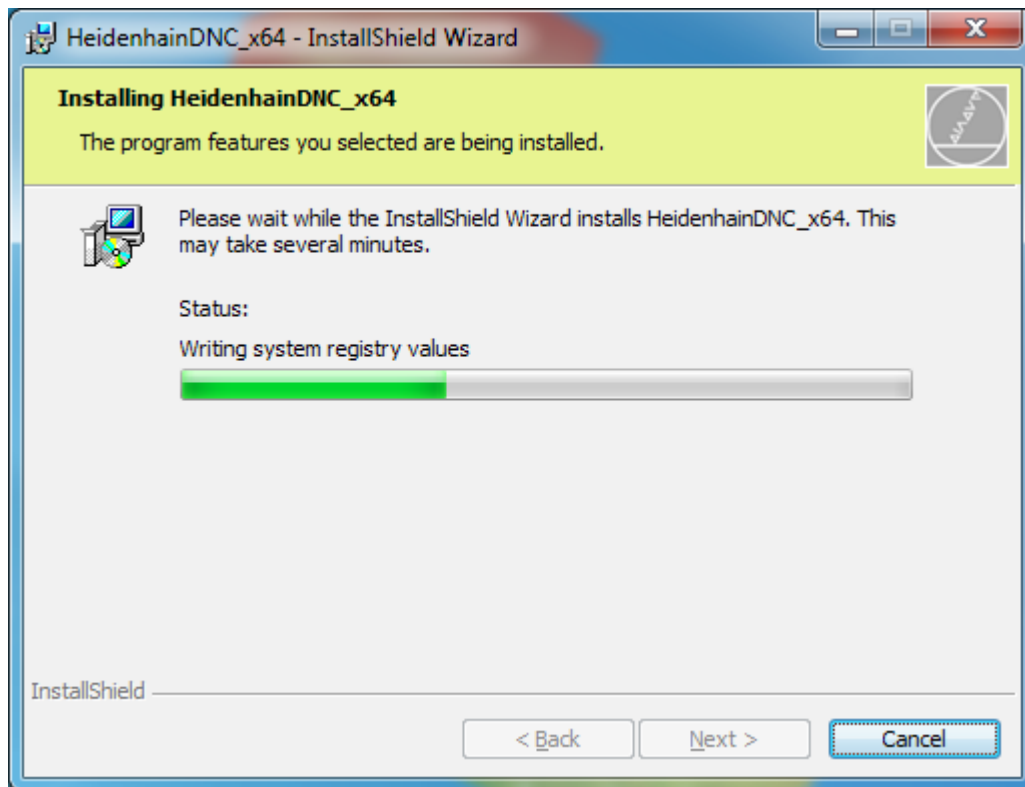
After starting the program, click "Run" when you see the above security warning.



Click on "Next" to start the installation.



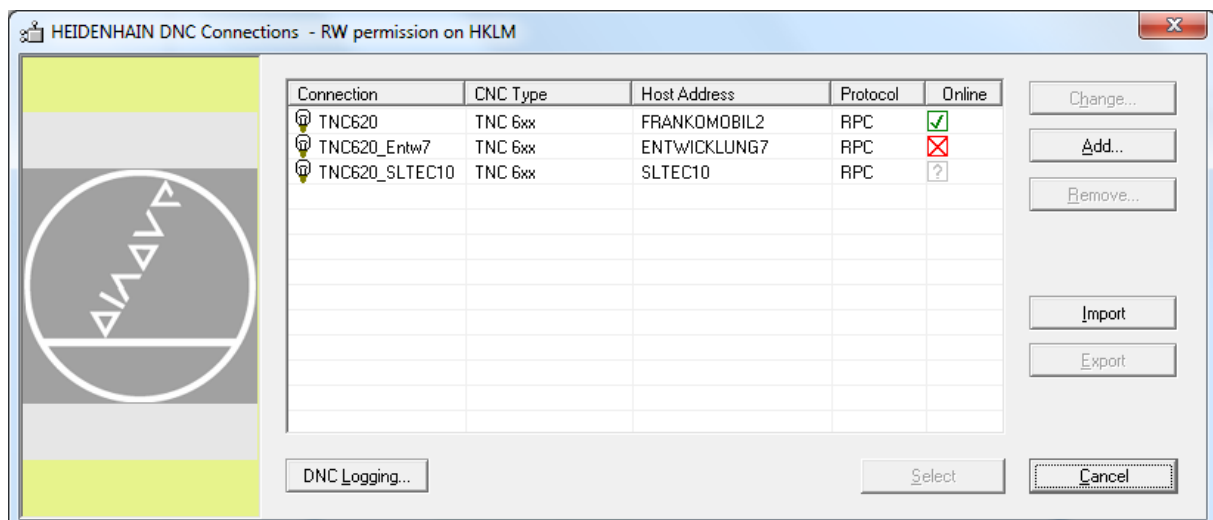
"Install" starts the installation. To do this you will require administrator rights.



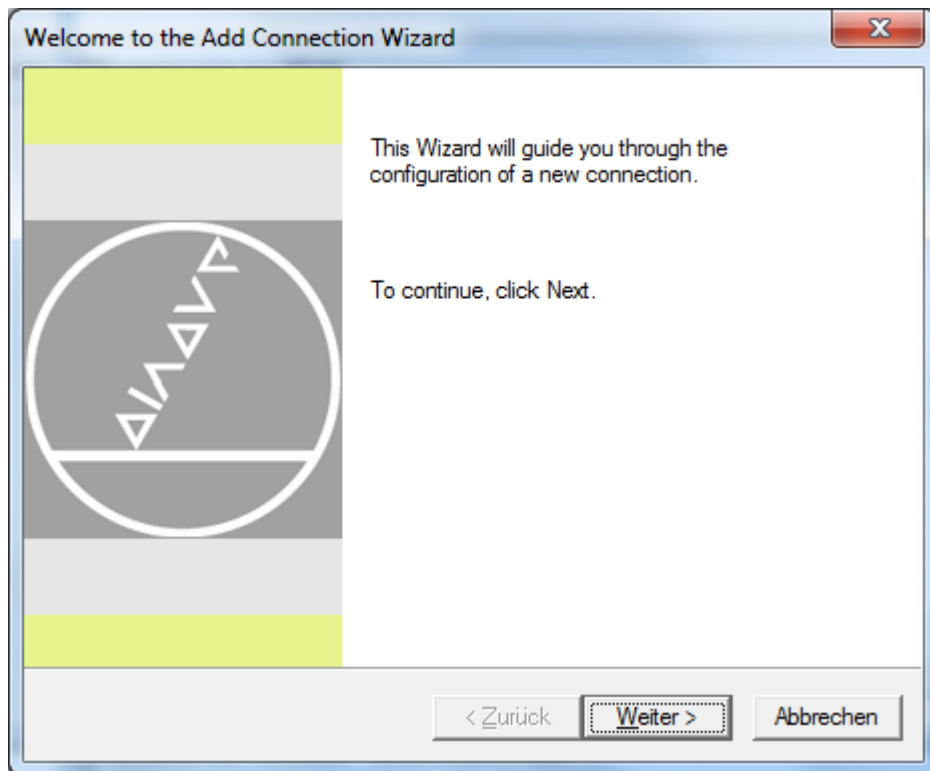
The installation process may take a while. As soon as it is finished, press "Finish".

Setting up a connection

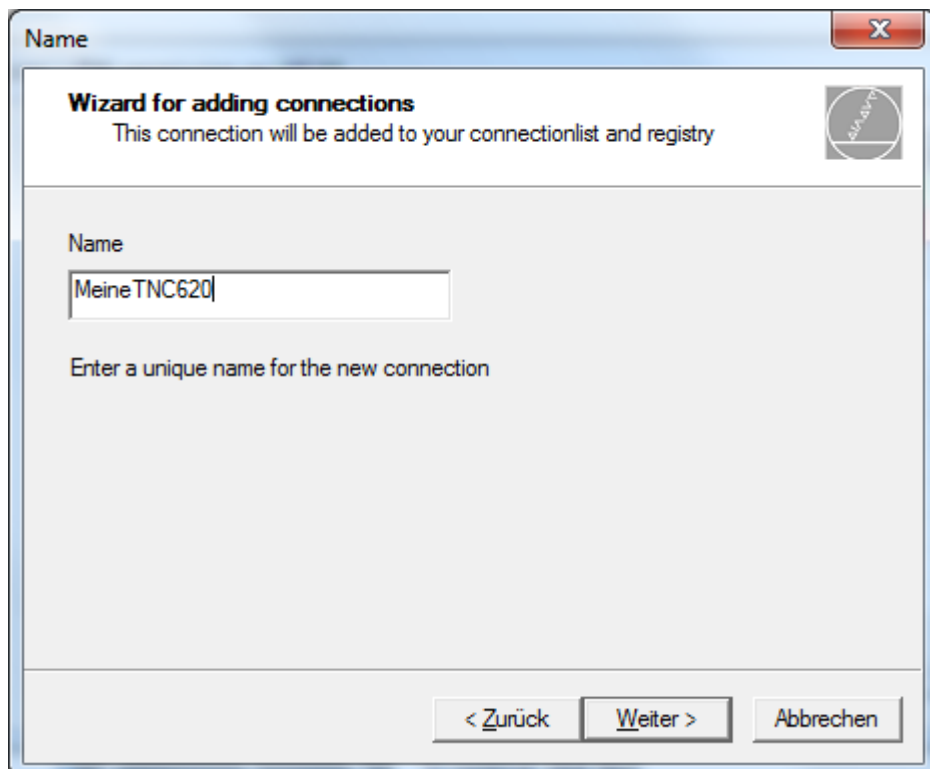
Start the "Heidenhain DNC connections" program. The following screen will appear, showing the table of available connections to be empty at first.



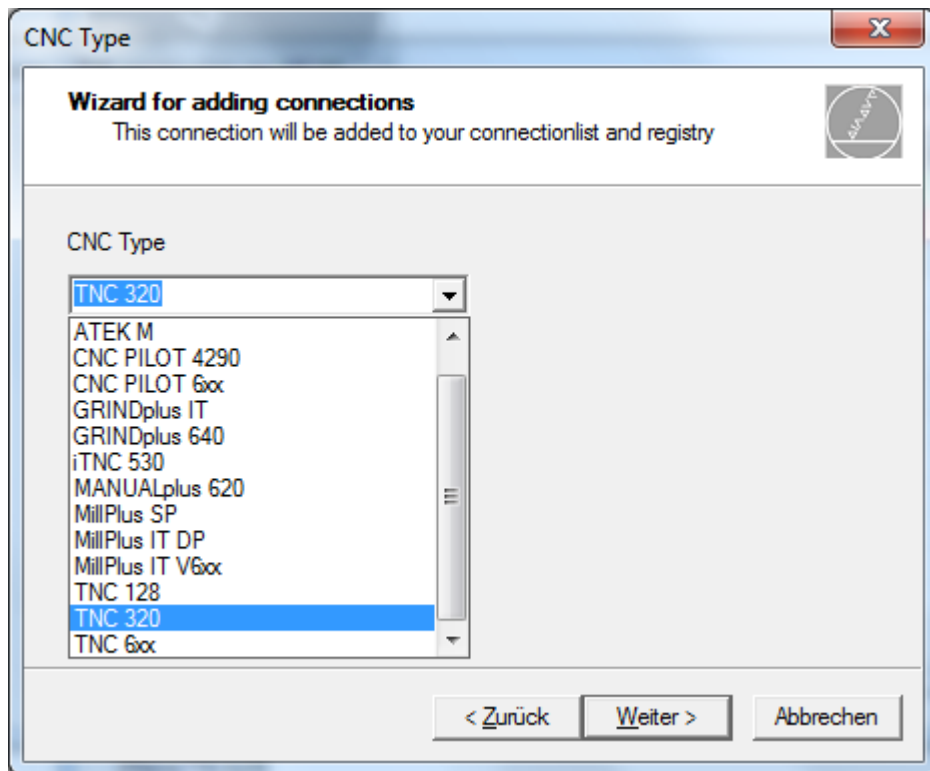
Click on "Add" to set up a connection.



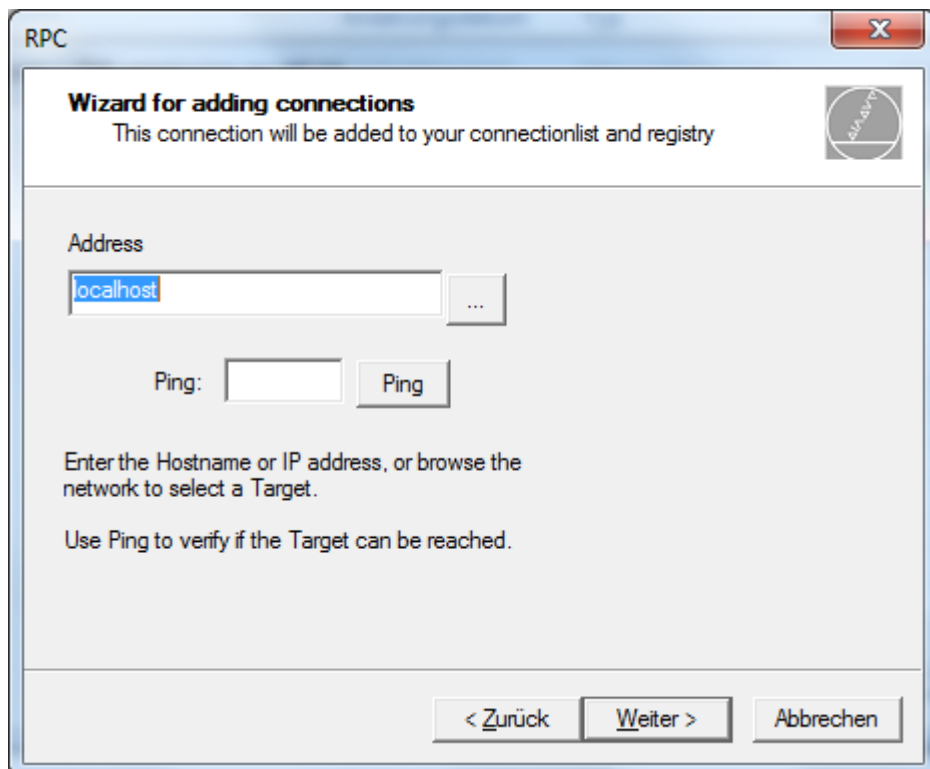
You can skip this information screen with "Next".



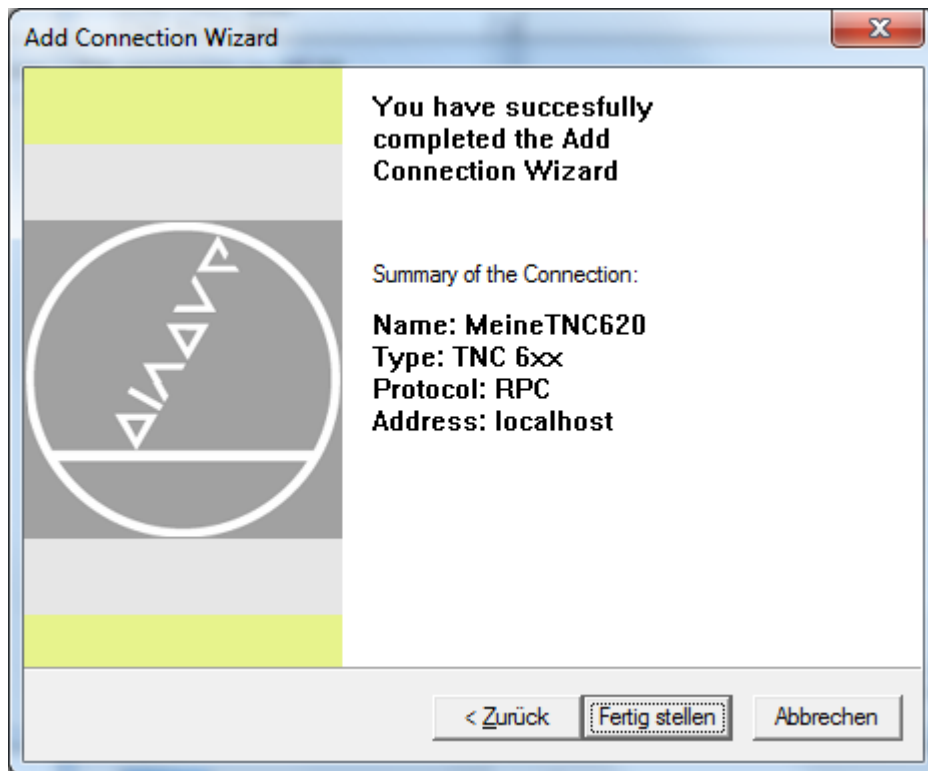
Give the connection a meaningful name and click "Next".



Choose the appropriate controller and click "Next".



Enter the network connection. If necessary do a ping test to test the availability of the controller. Then click "Next".



Read the summary and click "Finish". The connection is now known to the Heidenhain system.

Starting the Metric and connection set-up

When the program first starts after the installation, the connection to the controller is still not known to the Metric program. Usually the selection of the connection starts automatically. Otherwise from the Metric measuring table window choose the menu item "Connection settings".

The Heidenhain Connection Window will then appear from which you can choose the connection you just set up.

The program is now ready for operation.