



# ToolWear

## GENERAL FEATURES

This application meets the needs of a continuous control on the wear degree of the drilling and milling tool and of the blades mounted in a plant. More particularly, it allows you to check the frequency of use for each individual tool, by comparing this frequency with a associated maximum value and by notifying the state of progress of its wear process.

## FUNCTIONAL CHARACTERISTICS

The application includes all the tools required to define a tool collector and the longest life of each tool.

After you have selected the working group, the table of the tools fitted out on that group appears. The different colours emphasize immediately the level of the wear for each tool.

Impianto

Selezione Macchina  
Macchina 1 - OVER\_I 25.11-15

Selezione Gruppo  
Gruppo 3 - Anteriore Destro Basso

Selezione Sottogruppo  
Sottogruppo 2 - Teste Lineari

**TABELLA UTENSILI**

Macchina 1 - OVER\_I 25.11-15

Gruppo 3 - Anteriore Destro Basso      Sottogruppo 2 - Teste Lineari

Utensile	Diametro	Tipo	Utilizzo	Max Utilizzo	% di Utilizzo
11	0	1	0	100000	0
12	0	1	0	100000	0
13	0	1	0	100000	0
14	0	1	0	100000	0
15	8	1	0	100000	0
16	5	1	100000	100000	100
17	8	1	0	100000	0
18	8	1	60000	100000	60
19	8	1	0	100000	0
20	0	1	0	100000	0
21	8	1	0	100000	0
22	8	1	60000	100000	60
23	0	1	0	100000	0
24	0	1	0	100000	0
25	5	1	0	100000	0
26	30	4	0	100000	0

Colours are associated according to the configured levels and only the tools that belong to a certain level of wear can be included in the table.

**TABELLA UTILIZZO**

Percentuale di utilizzo compresa fra 76 e 100

Riga	Macchina	Gruppo	Sottogruppo	Utensile	Diametro	Tipo	Utilizzo	Max Utilizzo	% di Utilizzo
1	1	1	2	16	5	1	100000	100000	100
2	2	2	2	15	8	1	27	20	135

All the displayed data can be print on paper.

## UTILITY

- Ease of use
- Easy configuration through XML file
- Adaptability to the individual machine or to the plants composed of multiple machines
- Automatic updating of the data according to the actual use of the tools
- Table colouring for an immediate recognition of the wear degree
- Clear and intuitive reports

This software can be used in any production field, in which machine tools are used. The high adaptability to plants made of multiple machines makes ToolWear the ideal software for a constant supervision of the degree of tool wear, ensuring a total safe replacement at the right time, avoiding damage and downtimes due to unexpected breakage of the tools or of mechanical parts.