

Kalahari Engravings 1.88

Kalahari has been updated so as to pass over extra information for the engravers. Two new fields have been added Eng. Corridor ID and Eng. Mat ID.



The screenshot shows a software interface with four input fields. The first field is labeled 'Designer ID' and contains the text 'AlphaH45Camber'. The second field is labeled 'Engraving ID' and contains 'CAMXX'. The third field is labeled 'Eng. Corridor ID' and contains 'S1'. The fourth field is labeled 'Eng. Mat ID' and contains 'T67'.

This will allow design, corridor and material identifiers to be passed.

EngravingID is passed in OMA tag ENGMASK

Eng. Corridor ID is passed in OMA tag _ENGCORR

Eng. Mat ID is passed in OMA tag _ENGMAT

The corridor length is selected in Annapurna is also passed in CORRLLEN and the lens material is also passed in LMATID.

There are some downsides to the engraver using the information from CORRLLEN and LMATID.

Corrlen is expected to be the number and is used by other systems but engraving tags can be like S for Short.

LMATID is a standard tag as defined in the standard so this cannot be used for engraving text. Also LMATID (as in the standard) does not differentiate clear, transitions, polarised all of which could have different engraving needs.

For these reasons, the two new fields have been added.

There are some features on the data in the field that could be useful and are described below.

ENGRAVING ID.

If the field ends with XX then the corridor length is used to replace the XX. So an engraving ID of ABCXX for a lens with corridor length 16 will be written in the OMA file as ENGMASK=ABC16.

It is possible to pass a template code and a design code. If this field is entered as STD-CAM then the entry before the - is treated as the template code and

that after as the design code. The template code is passed in ENGMASK and the design code in _ENGRAV.

So STD-CAM will produce
ENGMASK=STD
_ENGRV=CAM

Eng. Corridor ID.

Where the corridor is determined by the software based upon the fitting height then there needs to be some rules to determine how this field is passed.

If %A is entered then the data will be passed as R,S,E or U depending on the corridor length. If the corridor is 15 then this will be written as
_ENGCORR=E

Other manipulations can be added.

Excel.

The freeform data can be exported to Excel where it can be manipulated and then imported back in again. If new lenses are to be added then Excel is an ideal way to do a bulk load.

The recommended way is to add one entry which will be the master template. This is then exported and all other lines apart from the master line are deleted. The lens codes to be added can be cut and pasted from the lenses file in masterdata. The engraving id along the free form engine design data can then be added or cut and pasted from the master line. The revised CSV file is then imported back into Kalahari.

Summary.

This describes how the template, design, corridor id and material id can be written to the OMA file for the engraving software to read.