

# Defining a mask (Selection Windows in HI Process)

Mask allows quick searching for the objects, names or description of which contains some common characters. In masks, it is possible to use special characters listed in the following table.

Character	Meaning
*	Substitutes arbitrary number of characters.
?	Substitutes just one character.
[ <i>characters</i> ]	Allows to enter several characters (comma separated), which can occur on particular position.
[^ <i>characters</i> ]	Allows to enter several characters (comma separated), which cannot occur on particular position.

Mask is being defined in the dialog box, opened after clicking the item **Filter** from the menu opened by right-mouse clicking anywhere on the list of objects in selection window.

The following table contains several examples of mask use.

T1* AND *	All the objects, which names begin with the string "T1" and description is arbitrary.
??K_COx* AND *average	All the objects containing the string "K_COx" placed after the second character from the left in the object name and their descriptions contain the string "average" placed at the end.
K[123]* AND *	All the objects, which names begin with the character "K", their second character in the name is "1" or "2" or "3", and their description is arbitrary.
*[^8] AND ?03*sum	All the objects, which last character in the name is other than "8", their descriptions contain both the string "03" placed at the second position and the string "sum" placed at the end.