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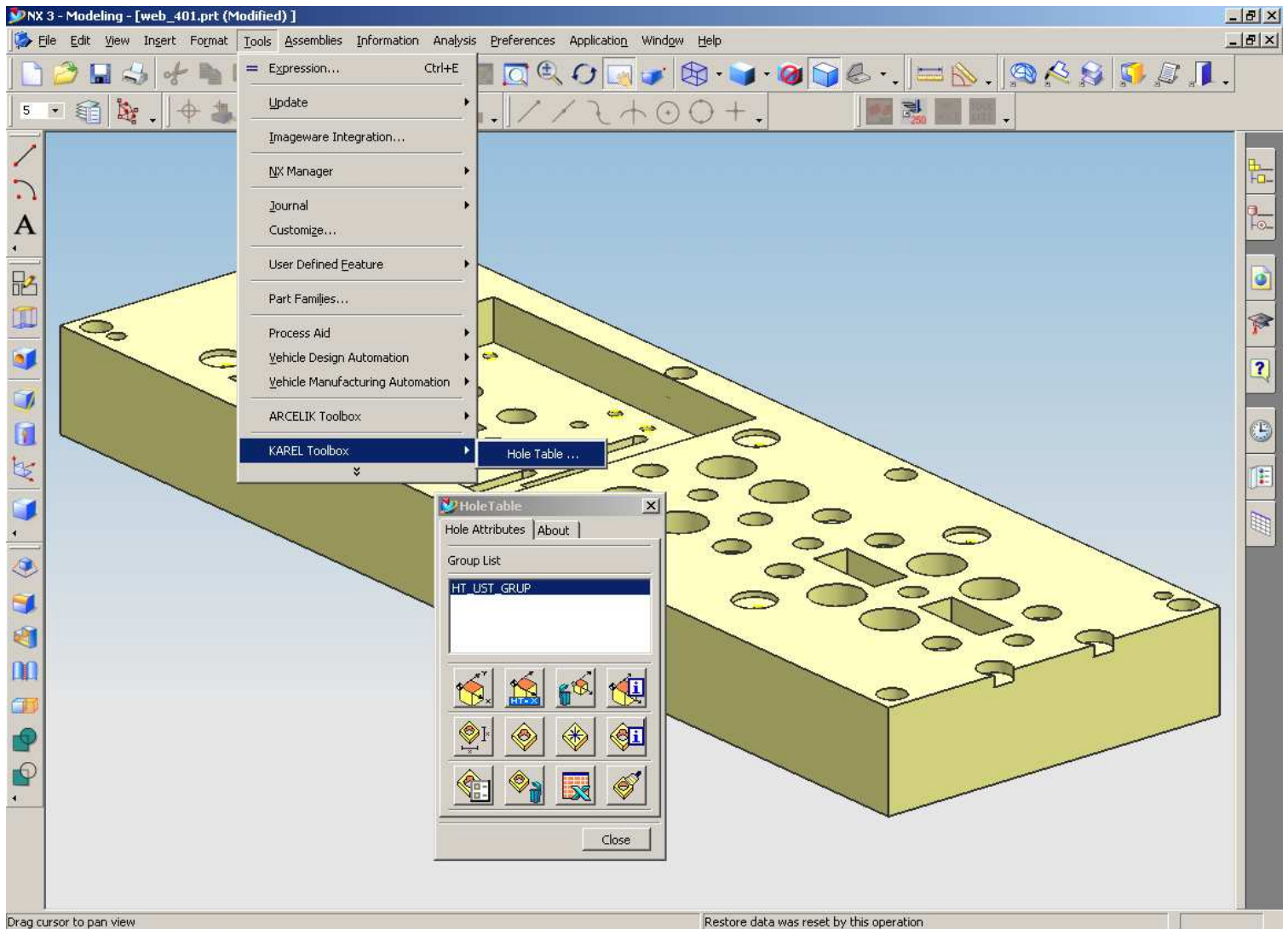


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Overview

The application *Hole Table Generator* creates the tabular hole documentation of the parts with a high number of holes.





Features

- **Automatic detection of Hole parameters.**

The hole parameters of parametric holes (SimpleHole, CounterSunk, CounterBore, Thread) or nonparametric holes (UG file where parameters are deleted or the part file imported from an other CAD system) can be recognized and used for reporting.

- **Definition of additional hole data by use of Points.**

Program can include points to hole table like it does for 3D holes and 2D circular edge or curves.

- **Assigning tolerance to holes.**

Extending hole information by assigning tolerances from DIN norms (H11, D10, E9, H9,JS9, N9, P9, F8, H8, G7, H7, JS7 ,K7, M7, N7, P7 ,R7, H 6). Users can modify this norm or define additional tolerance values.

- **Ordering Holes with respect to a given coordinate system.**

Program orders holes as calculating their distance from a given reference point.

- **Associative Hole Table.**

The coordinate values of holes appearing in the table are associative. If either parametric or nonparametric hole is transferred to another location, its coordinate is updated on the table.

- **Tabular Hole reports can be issued either in Modeling or in Drafting.**

The ordered and numbered holes can be displayed in the form of "ID-symbol" or "Label". Hole Table report can be issued on "Listing Window" of UG and it can be saved as a file to printed out or postprocessed in an other program like MS Excel.



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NX 3 - Drafting - [401.prt (Modified)]

File Edit View Insert Format Tools Assemblies Information Analysis Preferences Application Window Help

Hel #	D1m	H1	D2	H2	ISO	S1+	S1-	X	Y	Z	Hel #	D1m	H1	D2	H2	ISO	S1+	S1-	X	Y	Z
1	28,000	45,000	33,000	18,000	07	28,028	27,983	214,900	-30,777	8,000	20	22,000	3,000	0,000	0,000	H7	22,021	22,080	195,000	-64,000	0,000
2	28,000	45,000	33,000	18,000	07	28,028	27,983	253,900	-30,777	8,000	21	22,000	3,000	0,000	0,000	H7	22,021	22,080	251,000	-64,000	0,000
3	28,000	45,000	33,000	18,000	07	28,028	27,983	370,500	-30,777	8,000	22	22,000	3,000	0,000	0,000	H7	22,021	22,080	361,000	-64,000	0,000
4	28,000	45,000	33,000	18,000	07	28,028	27,983	488,300	-30,777	8,000	23	22,000	3,000	0,000	0,000	H7	22,021	22,080	478,000	-64,000	0,000
5	28,000	45,000	33,000	18,000	07	28,028	27,983	606,500	-30,777	8,000	24	22,000	3,000	0,000	0,000	H7	22,021	22,080	596,000	-64,000	0,000
6	28,000	45,000	33,000	18,000	07	28,028	27,983	720,500	-30,777	8,000	25	18,000	6,000	0,000	0,000	H7	18,021	18,080	720,500	-30,777	0,000
7	28,000	46,000	33,000	18,000	07	28,028	27,983	253,500	-30,777	8,000	26	18,000	6,000	0,000	0,000	H7	18,021	18,080	331,500	-30,777	0,000
8	28,000	48,000	33,000	18,000	07	28,028	27,983	214,900	-30,777	8,000	27	18,000	6,000	0,000	0,000	H7	18,021	18,080	448,500	-30,777	0,000
9	15,000	18,000	9,000	45,000	07	15,024	14,984	109,500	88,000	0,000	28	18,000	6,000	0,000	0,000	H7	18,021	18,080	448,500	30,777	0,000
10	15,000	18,000	9,000	45,000	07	15,024	14,984	169,500	88,000	0,000	29	18,000	6,000	0,000	0,000	H7	18,021	18,080	331,500	30,777	0,000
11	15,000	18,000	9,000	45,000	07	15,024	14,984	273,000	88,000	0,000	30	18,000	6,000	0,000	0,000	H7	18,021	18,080	282,500	30,777	0,000
12	10,000	18,000	8,000	45,000	07	15,024	14,984	482,500	88,000	0,000	31	14,000	45,000	18,000	10,000	07	14,024	13,984	234,000	0,000	0,000
13	15,000	18,000	9,000	45,000	07	15,024	14,984	882,500	88,000	0,000	32	14,000	48,000	18,000	10,000	07	14,024	13,984	468,000	0,000	0,000
14	15,000	18,000	9,000	45,000	07	15,024	14,984	273,000	88,000	0,000	33	14,000	45,000	18,000	10,000	07	14,024	13,984	312,000	0,000	0,000
15	15,000	18,000	9,000	45,000	07	15,024	14,984	109,500	88,000	0,000	34	14,000	45,000	18,000	10,000	07	14,024	13,984	300,000	0,000	0,000
16	10,000	18,000	8,000	45,000	07	15,024	14,984	109,500	88,000	0,000	35	6,000	40,000	8,000	16,000	07	8,020	8,080	83,000	-88,000	0,000
17	16,000	38,000	20,500	18,000	07	16,024	15,984	188,000	0,000	0,000	36	9,000	40,000	8,000	15,000	07	9,020	8,980	487,500	88,000	0,000
18	16,000	38,000	20,500	18,000	07	16,024	15,984	273,000	0,000	0,000	37	10,500	8,000	5,100	20,000	07	10,524	10,484	88,500	-88,000	0,000
19	22,000	3,000	0,000	8,000	H7	22,021	22,000	-40,000	-67,000	0,000											

Tabular Note Cell

Requirements

- Unigraphics 18 / NX2 / NX3 UGOpen API Execute