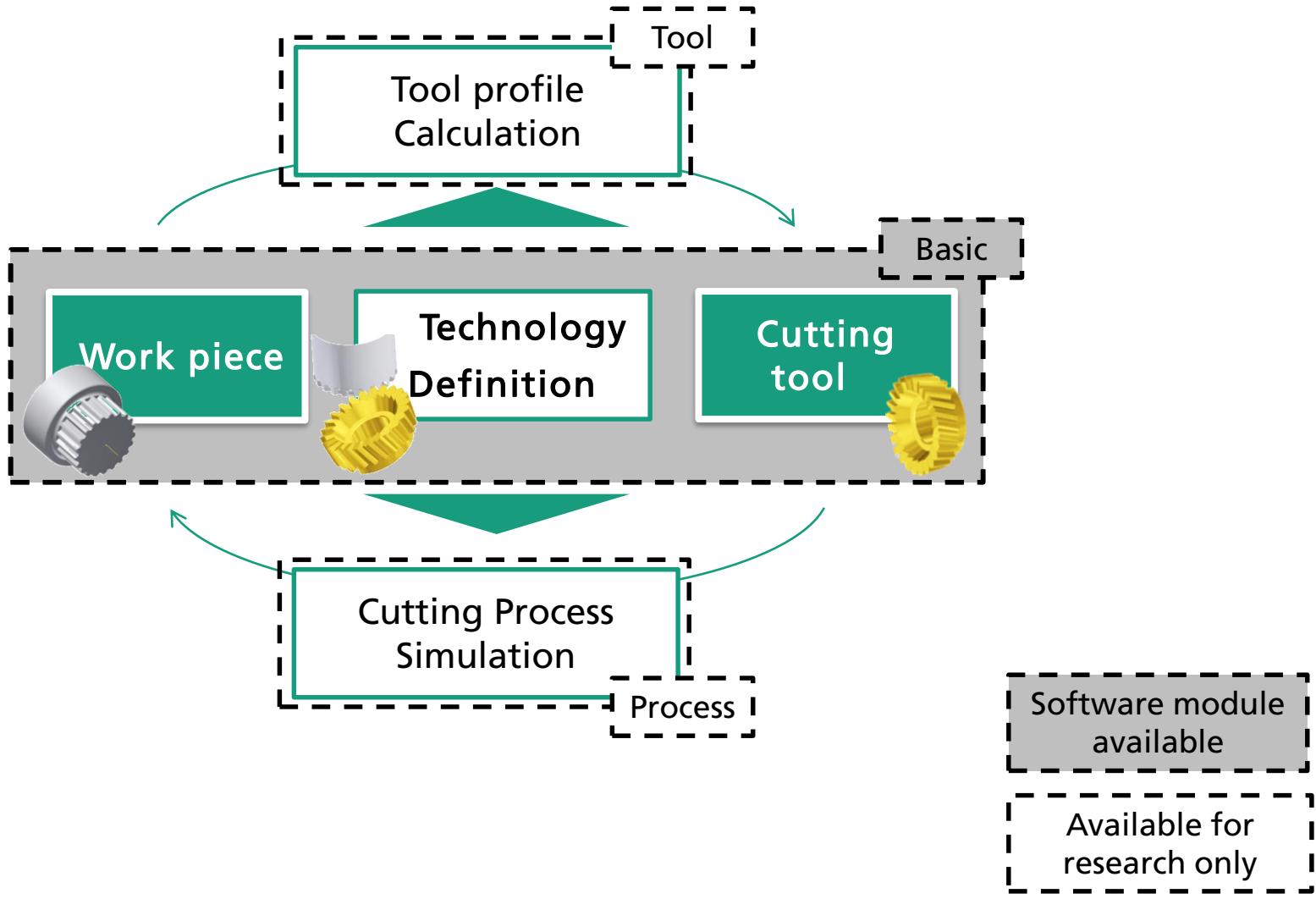

SKIVEALL

Process Design Software for Power Skiving

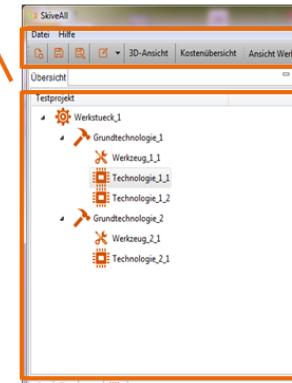


Skive All Modules

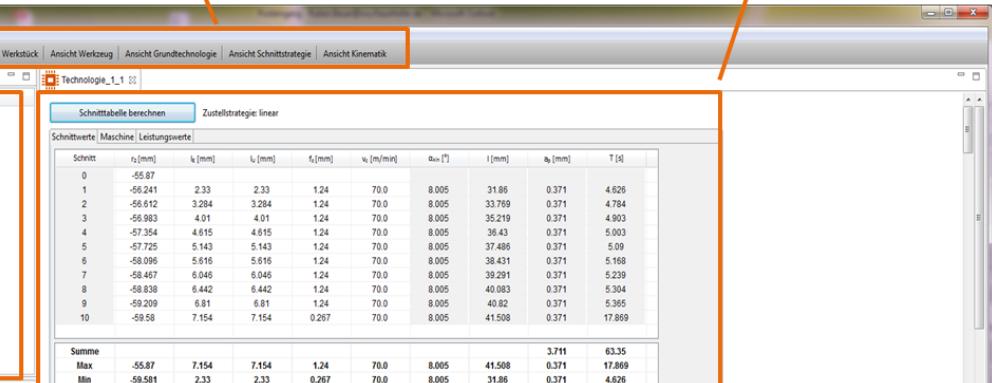


User Interface

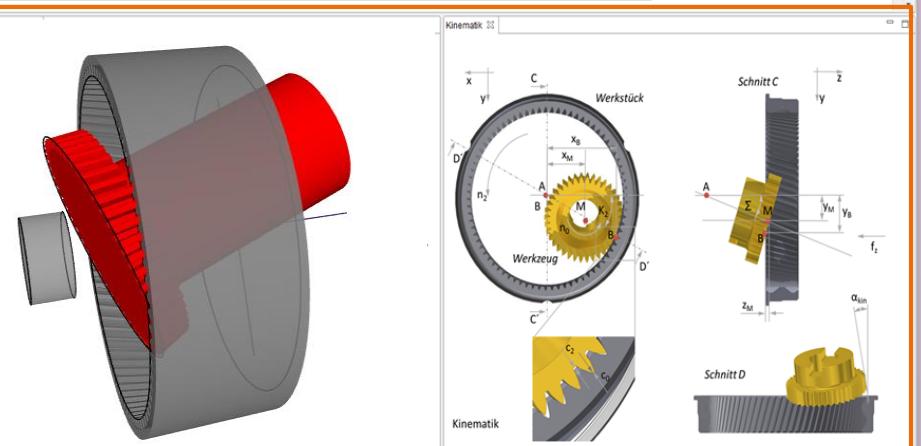
Project tree



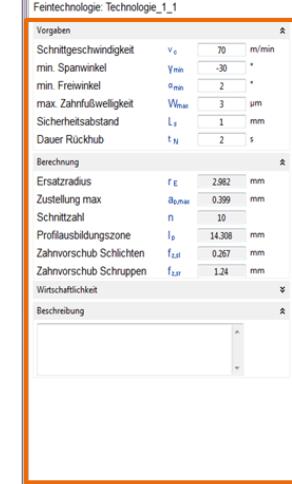
Menues and functions



Output section

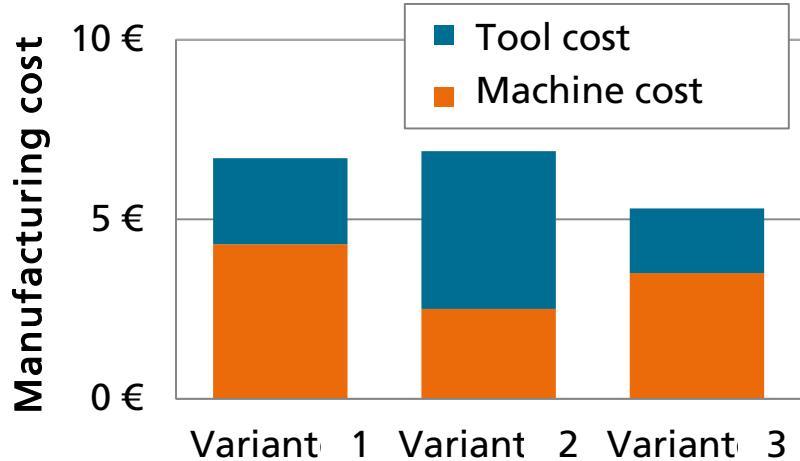
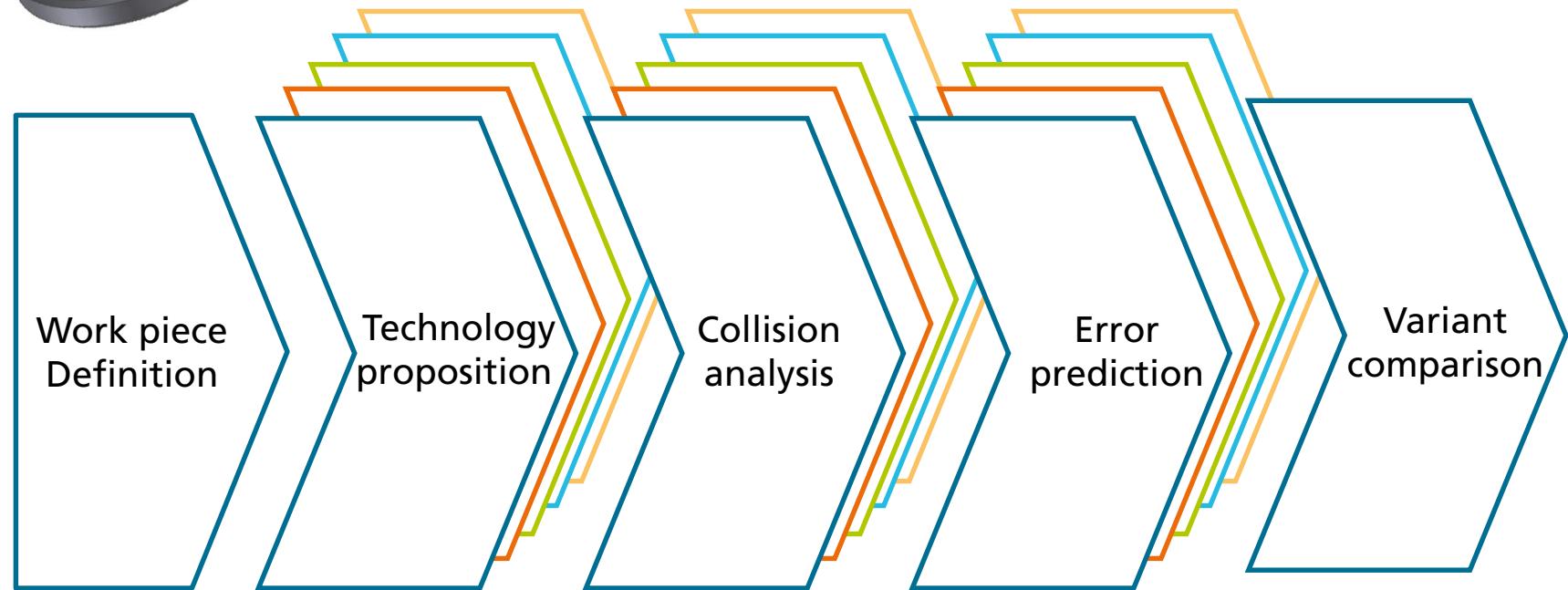
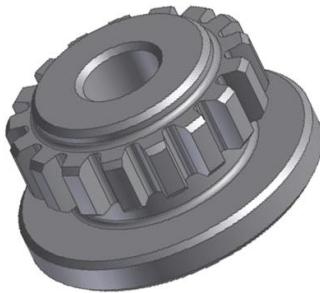


Input section

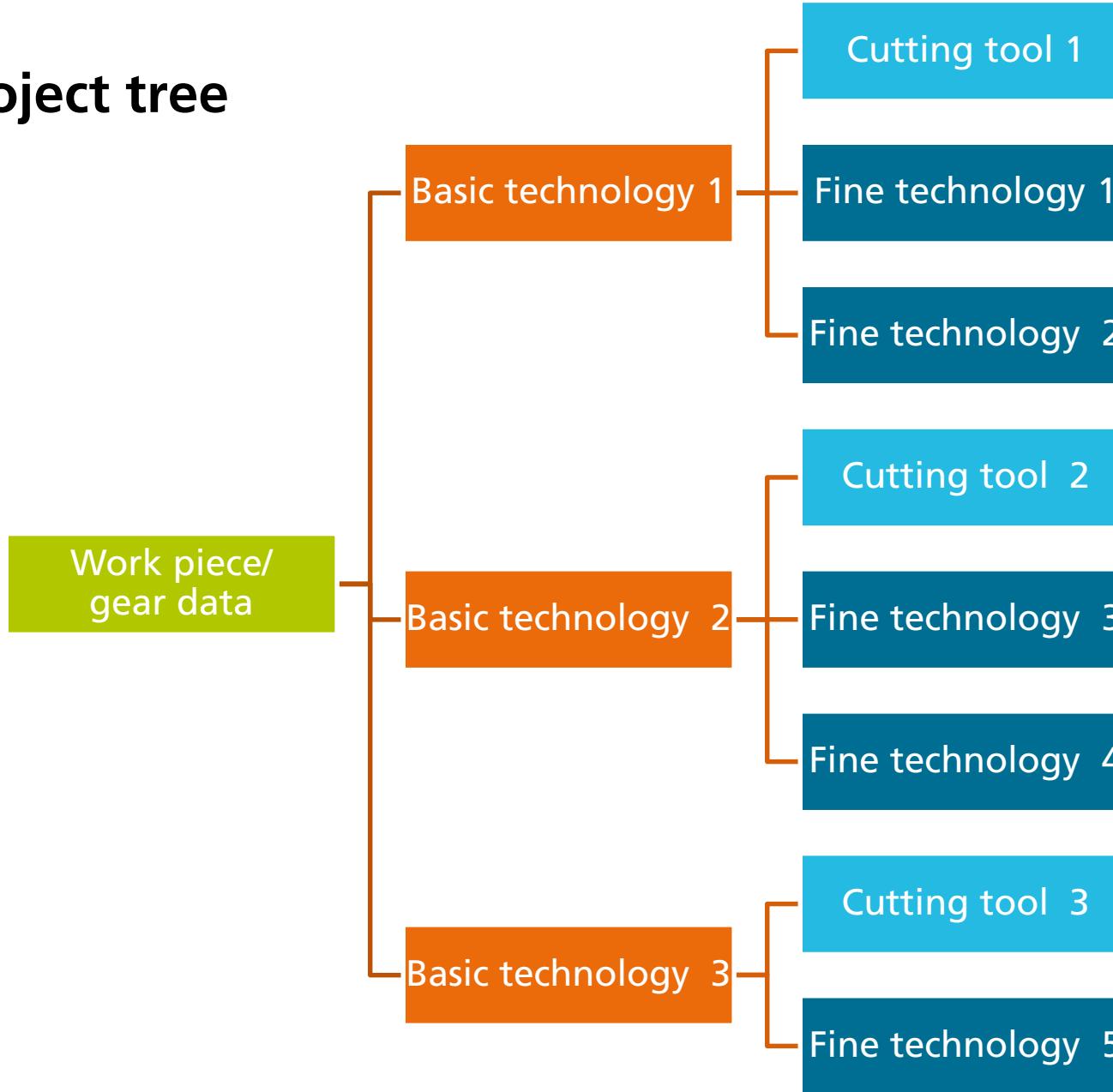


Figures

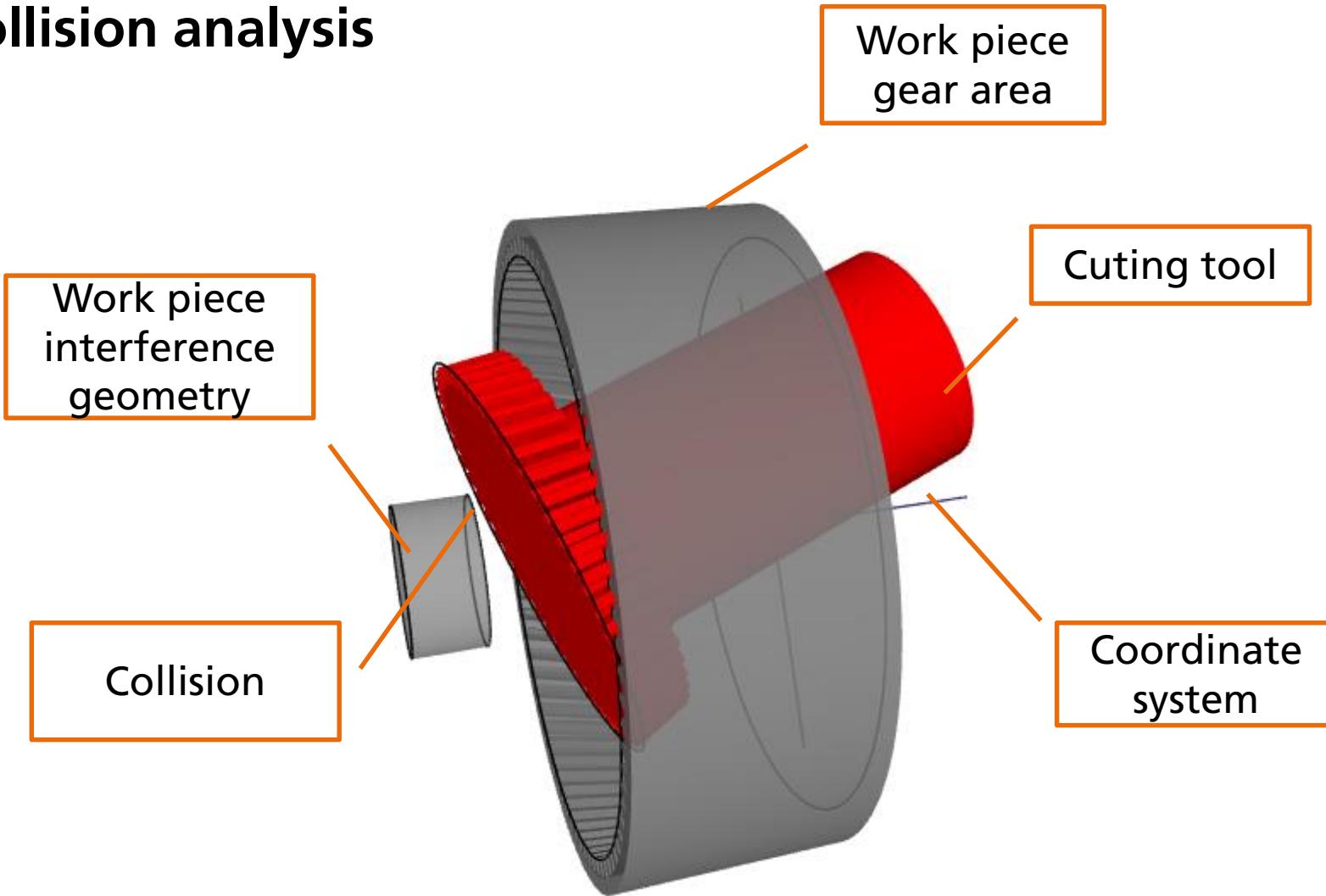
Work Flow



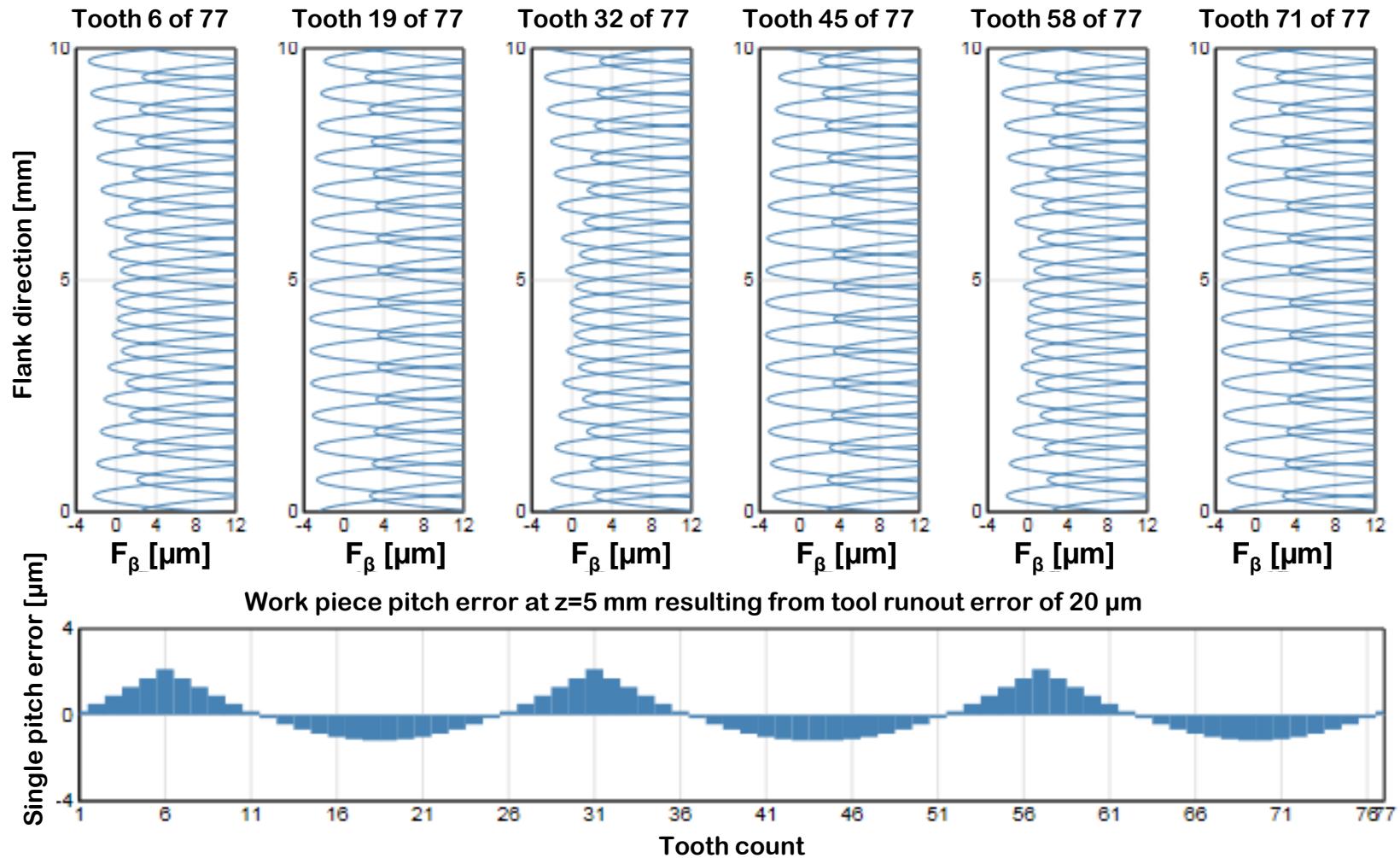
Project tree



Collision analysis

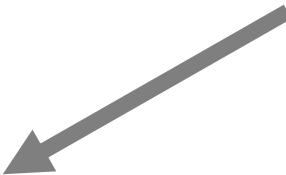


Gear Error Prediction



Datenexport

Universal
interface



DialogNC

Datei Verzahnung Werkzeug Bearbeitung Programm ZUSATZFUNKTIONEN Optionen Hilfe

AUSGABE AN NC

ACHSABST. KORREKTUR

ACHSAB. RESET

Test Daten

FL-RICHT KORR.

FL-RICHT. RESET

LOGIN

VERZAHNUNG WERKZEUG BEARBEITUNG MEHRFACH BEARBEITUNG PROGRAMM EINGABE GESAMT DATEI ZUSATZ FUNKTIONEN

PROGRAMM UEBERSICHT

Programmname P1K_002 Werkzeugtyp P1K
Verzahnung P1K Werkzeugident
Mvz Name Nr Bearbeitung

Programmname P1K_002
Werkzeugident R1A_EMO
Sicherheitsabstand für Test P1K_002
Achsabstand (Messverfahren) 6
Kugeldurchmesser 7
R1B 9
Sollmasse 2 Kugel P2K_001
Korrektur Achsabstand 0.063906 Gesamtkorrektur 0.063906 mm
Messwert Istwert 50.661 mm
Summe Achsabstand X 55.0654 mm
Korrektur A Achse 0
Flankemessung ISO/ Istwert
Bezugslänge 22.24 mm
Linke Flanke Istwert 0.026 0.061 mm
Rechte Flanke Istwert 0.026 0.049 mm
Korrektur Balligkeit Istwert 0.005 0.016 mm

SkiveAll

Technologie_1_1

Schnitttabelle berechnen Zustellstrategie linear

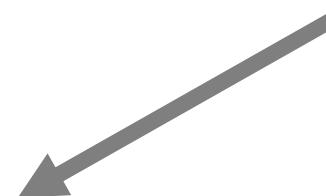
Schritt	n_z [min ⁻¹]	v_z [mm]	L_z [mm]	t_z [mm]	v_z [m/min]	a_{vz} [%]	t_z [mm]	a_t [mm]	T [s]
0	-55.87	2.33	2.33	1.24	70.0	8.005	31.88	0.371	4.626
1	-56.241	3.284	3.284	1.24	70.0	8.005	35.219	0.371	4.784
2	-56.612	3.284	3.284	1.24	70.0	8.005	33.709	0.371	4.903
3	-56.983	4.01	4.01	1.24	70.0	8.005	36.451	0.371	5.023
4	-57.354	4.176	4.176	1.24	70.0	8.005	36.451	0.371	5.09
5	-57.725	5.143	5.143	1.24	70.0	8.005	37.488	0.371	5.168
6	-58.096	5.616	5.616	1.24	70.0	8.005	38.431	0.371	5.239
7	-58.467	6.046	6.046	1.24	70.0	8.005	39.291	0.371	5.304
8	-58.838	6.442	6.442	1.24	70.0	8.005	40.083	0.371	5.365
9	-59.209	6.81	6.81	1.24	70.0	8.005	40.82	0.371	5.435
10	-59.58	7.154	7.154	0.237	70.0	8.005	41.508	0.371	5.499

Summe Max 55.87 7.154 7.154 1.24 70.0 8.005 41.508 0.371 63.35 17.889
Min 59.581 2.33 2.33 0.267 70.0 8.005 31.88 0.371 4.626
Mittel 57.725 5.145 5.145 1.143 70.0 8.005 37.489 0.371 6.335

Kinematik

Wert	Einheit	Beschreibung
x_0	mm	Werkstück
y_0	mm	
z_0	mm	
x_M	mm	
y_M	mm	
z_M	mm	
r_x	mm	Werkzeug
r_y	mm	
r_z	mm	
f_C	mm	Schnitt C
f_D	mm	Schnitt D
a_{yD}	mm	

Machine control
Example: DialogNC (FFG)



Contakt:

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Software SkiveAll:

www.SkiveAll.com

