



# GEAR<sup>®</sup> PRO bevel

Workpiece No. bevel_example	No. of Teeth 16	Measured Teeth 1, 6, 12	Mounting Distance 113.000	Md.-Diff.	Comment
Part No.	Summary No.	Meas. Point Pitch Radius = 44.681 Height = 25.368	Meas. Direction Counter-clockwise	Deviation Pitch Normal	

## Pinion



λ<sub>C</sub>: --- mm

2.00 mm

v: 8.0 mm/s

Toe

-0.6

10 μm

Tooth thickness

Root angle

-1

-0 | 30

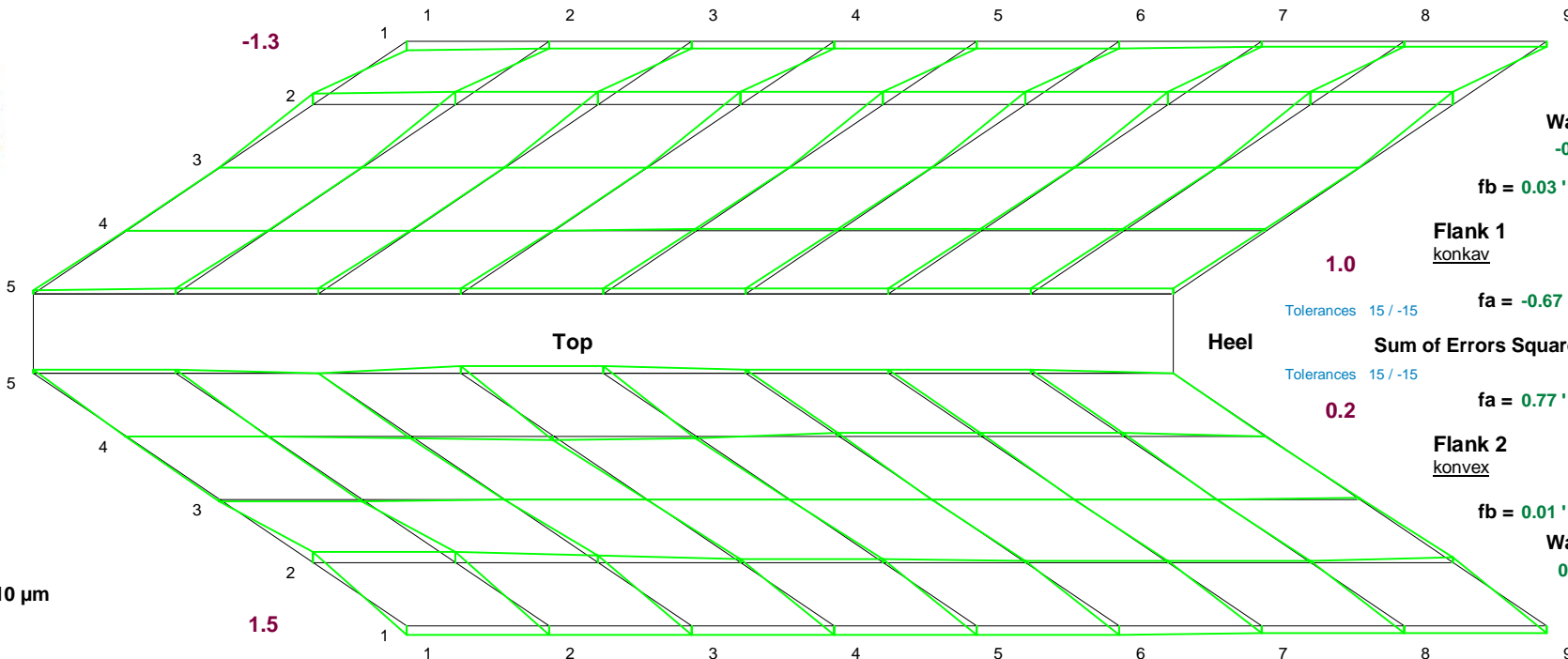
-0

1

Heel

Tooth thickness angle -11.2997 °

2.00 mm



Tolerances 15 / -15  
Tolerances 15 / -15

Sum of Errors Squared  
FI 1 0.0000008  
FI 2 0.0000005

DIN 3965:1986-08

Fp = 7.7 (2 | 6)  
+ fp = 3.9 (3 | 6)  
fu = 4.3 (3 | 6)  
- Frsn = 5.4 (1 | 6)  
Fr = 10.9 (3 | 6)  
- Fp = 7.4 (1 | 6)  
+ fp = 4.0 (3 | 6)  
fu = 6.0 (4 | 6)  
Frsn = 5.4 (1 | 6)

Pitch flank 1 konkav

+0 +1 +2 +3 +7 +6 +6 +5 +4 +3 +3

Pitch flank 2 konvex

+0 +4 +9 +2 +2 +9 +4 +6 +7 +7 +7 +7 +6 +5 +3 +2 +3



40 μm

Data Path	CMM	Date	Time	Operator	Order number	Sign	Quality acceptance
bevel_example C:\TFS\30_Qualitätssicherung\80_Test_examples\20_Printout_examples		08.12.2010	11:25:53				



# GEAR<sup>®</sup> PRO bevel

Workpiece No.

bevel\_example

No. of Teeth

16

Mounting Distance

113.000

Md.-Diff.

Meas. Direction

Counter-clockwise

Deviations

Normal

Part No.

Summary No.

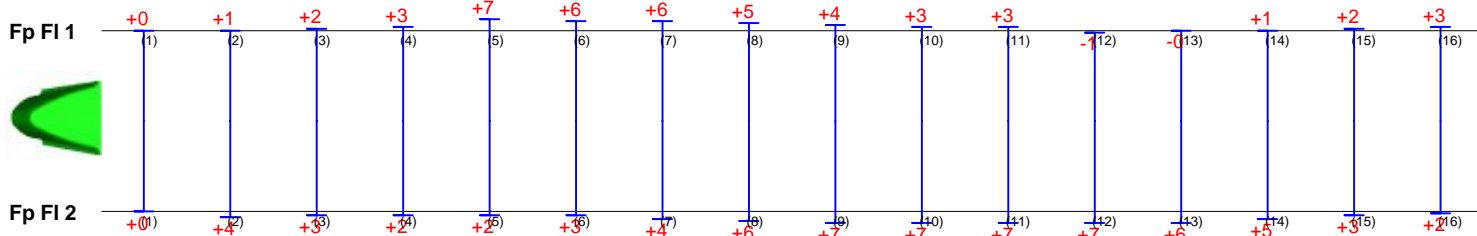
Meas. Point Pitch

Radius = 44.681 Height = 25.368

## Pinion



40 μm



DIN 3965:1986-08

## Flank 1

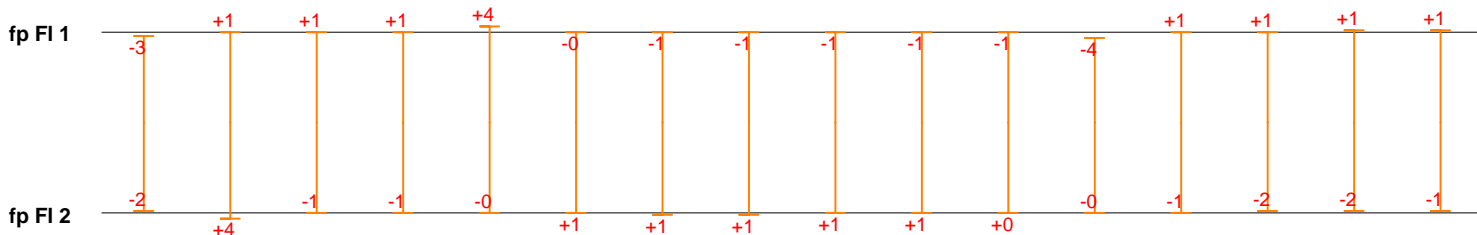
konkav

Fp = 7.7 (2 | 6)

fp = 3.9 (3 | 6)

fu = 4.3 (3 | 6)

Frsn = 5.4 (1 | 6)



## Flank 2

konvex

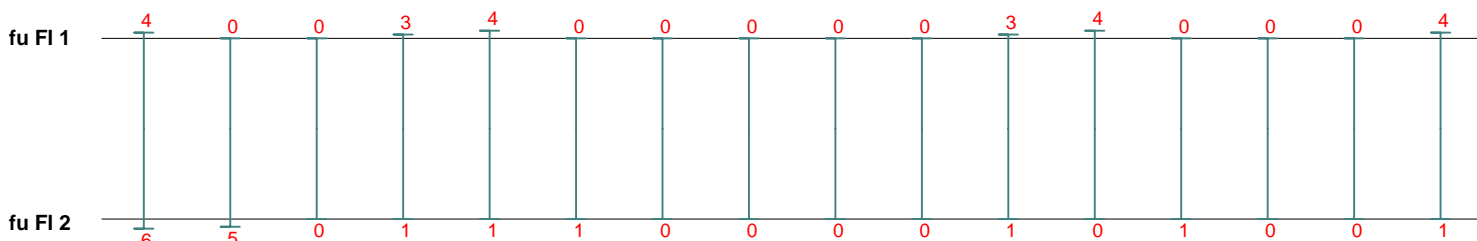
Fp = 7.4 (1 | 6)

fp = 4.0 (3 | 6)

fu = 6.0 (4 | 6)

Frsn = 5.4 (1 | 6)

Fr = 10.9 (3 | 6)



2.00 mm

Data Path

bevel\_example

C:\TFS\30\_Qualitätssicherung\80\_Test\_examples\20\_Printout\_examples

CMM



Date

08.12.2010

Time

11:25:53

Operator

Order number

Sign