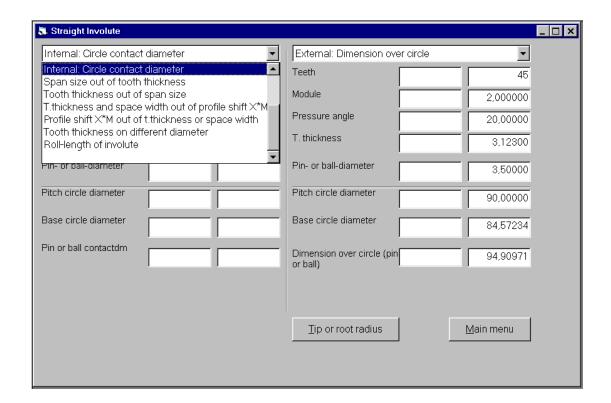


### **Software**

# Spline Standards and Spline Calculation





Working is much easier by using good software. Frenco supplies 2 software packages:

# 1. Software Spline Standards

The software "Spline standards" creates all data of involute splines strictly to standards or similar to standards:

Germany: DIN 5480

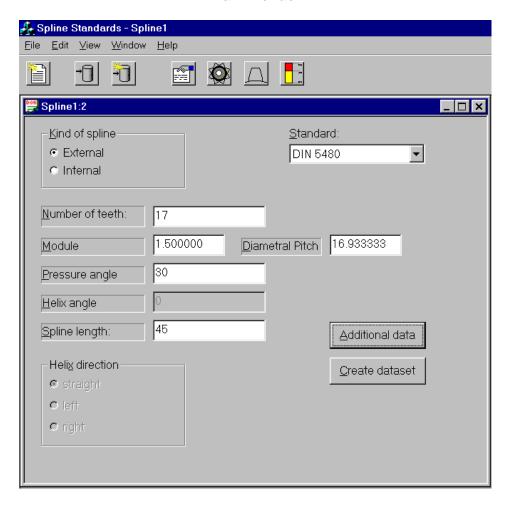
USA: ANSI B92.1 ans ANS B 92.2

International: ISO 4156

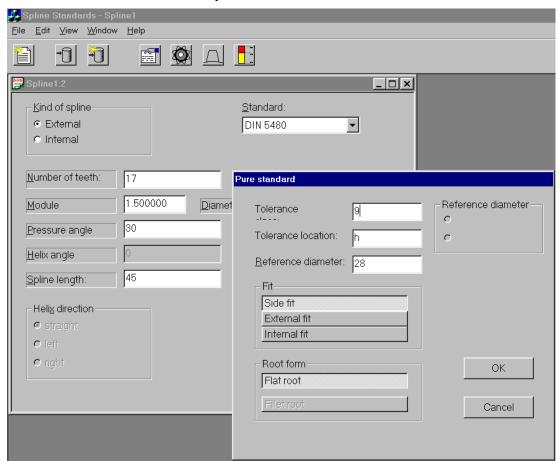
More informations and a demonstration version for numbers of teeth being a prime number are found in our internet informations www.frenco.de or www.frenco.com. Please follow this direction starting in the homepage:

- → Products
- → Know How Transfer
- → PC-Software

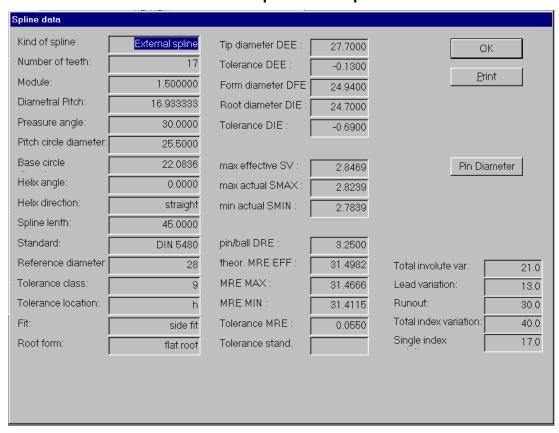
#### Main menue:



#### Input of standard data:



#### Calculated spline data of part:



# 2. Software Spline Calculation

The Software "Spline Calculation" calculates sizes needed for inspection of serration and involute gears and splines spur and helical. A calculation of different weights of cylinders is included for certain purposes. As the data of gears and splines are always given in different ways, this software is able to transfer them into each other and a lot of other calculations.

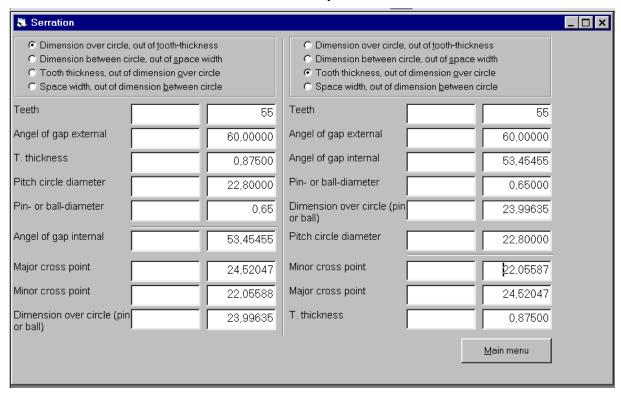
Detailed informations and a demonstration version for prime numbers of teeth is available in our internet information www.frenco.de or www.frenco.com.Please follow this direction from our homepage:

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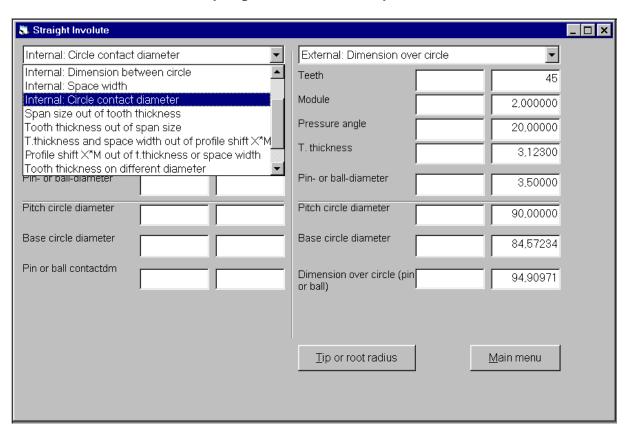
#### Main menu:



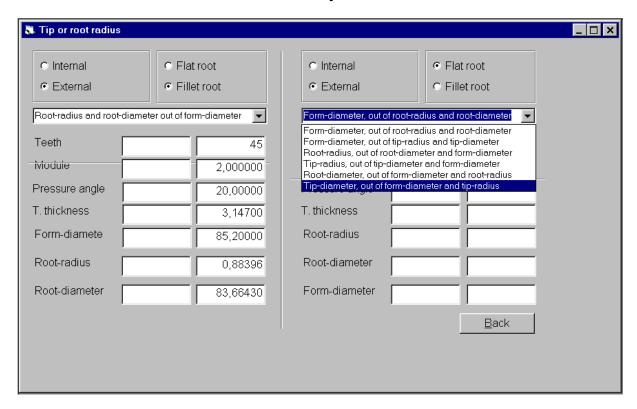
#### **Serration splines:**



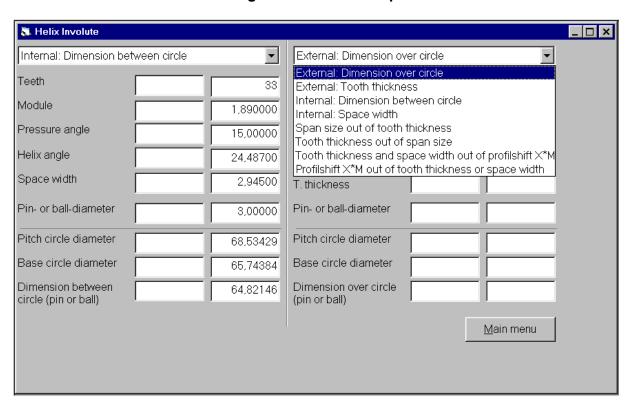
#### Spur gears and involute splines:



#### Calculation of radiis at major and minor diameter:



#### Helical gears and involute splines:



# FRENCO Product Lines



### Gear and spline high precision

Spline gages
Master gears, master wheels
Artefacts, masters
Profiled tools
Clamping systems
Gear and spline manufacturing



### Instruments for size inspection series V

Ball inserts and pins VRK Instruments for rocking VA Instruments with face stop VP Indicating Gages VM Variable 3-disc gages VD Customized solutions VS



## Rotation measuring systems

URM - K with balls and pins
URM - R with master wheels
EWP Single flank gear rolling
WS Gear rollscan

ZWP Double flank gear rolling



#### Gear and spline inspection

DKD gear calibration Gage wear inspection Part inspections Deviation analysis



#### Know-how transfer

Software for gear and spline calculating Training, seminars and workshops Consulting and calculations Literature and documents National and international standards



#### Frenco GmbH gear + spline technology

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