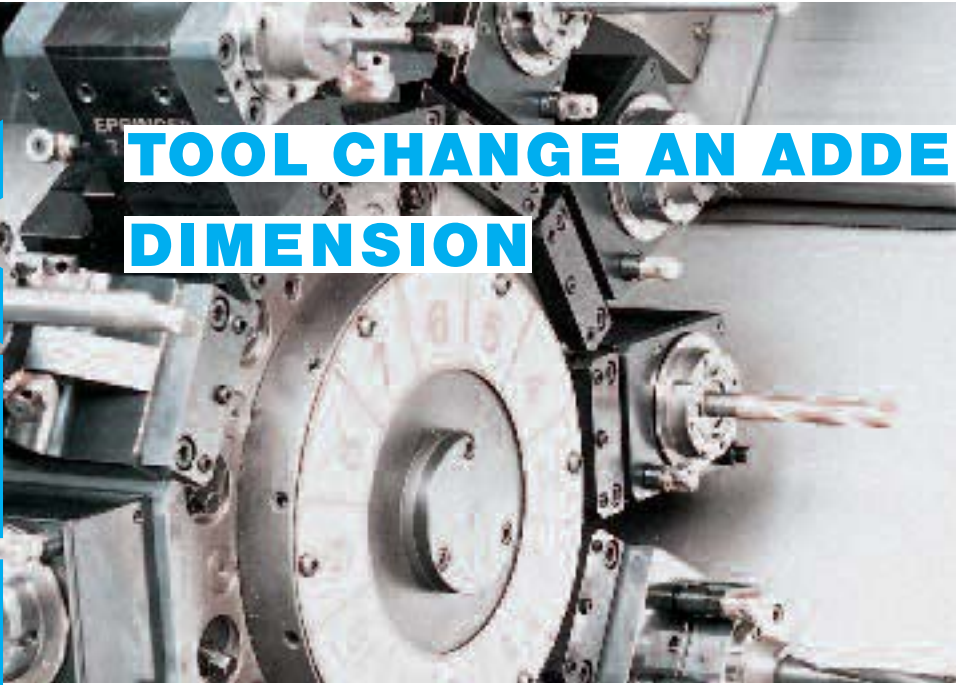




**PRECIFLEX**

# TOOL CHANGE AN ADDED DIMENSION



### ■ **Precise**

A conical and flat face planar interface ensures highest accuracy and rigidity.

### ■ **Flexible**

It's practical and simple to use. Collets, endmill holders, expanding collet chucks, shrink fit tooling, Capto, and KM systems, to name just a few, can all be mounted on a single base holder.

### ■ **Fast**

Interchanging pre-set tools reduce expensive machine downtime to almost nothing.

### ■ **Universal**

Tooling adapters may be interchanged between fixed and rotary base holders.

### ■ **Compact**

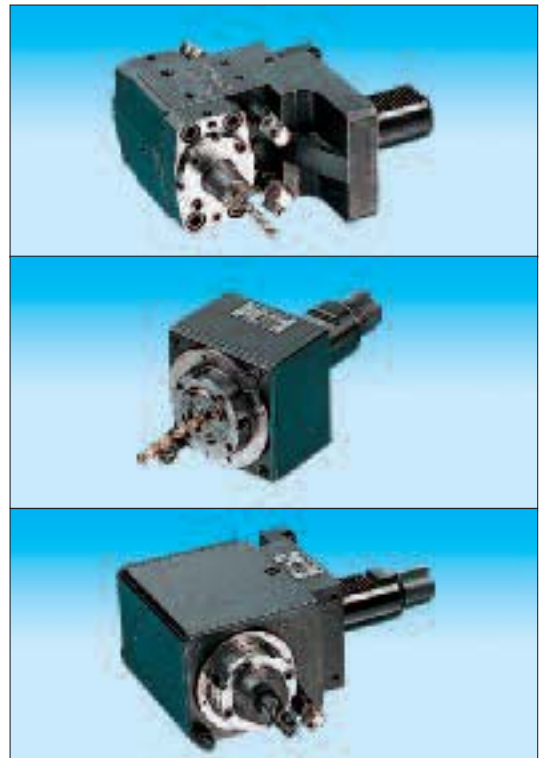
Our short design assures maximum torque transmission and rigidity, resulting in increased machining accuracy and consequently improved productivity.

### ■ **Economical**

Reduced requirements for special application tooling by using standard fixed and rotary base holders result in tremendously lower total tooling cost.

■ The **PRECI-FLEX**<sup>®</sup> interchange system makes lathe tooling change-overs quick, accurate and economical.

Our highly precise repeatability is unsurpassed. Other interchangeable tooling systems cannot achieve this due to their inaccurate interfaces. Eppinger's modular system adds a new dimension to high precision flexibility. The basis of our interface is a universally utilized collet configuration. The advantages speak for themselves.



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Phone +49 711 934 934-0 · Fax +49 711 934 934-1  
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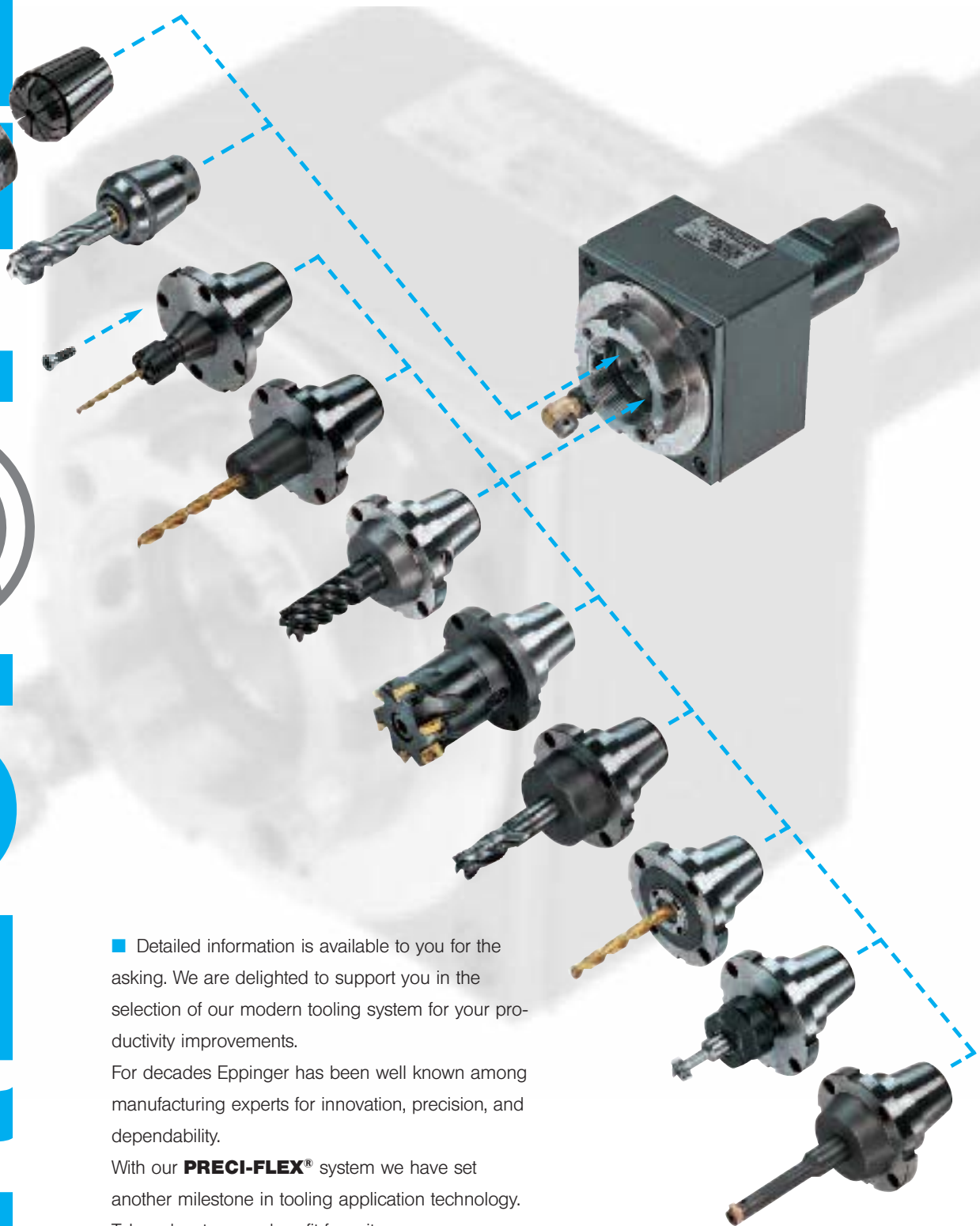
®

FLEX

**THE FIRST AND ONLY TOOLING SYSTEM USING A SINGLE BASE HOLDER FOR COLLET AND MULTIPLE OTHER TOOLING ADAPTERS.**



PRECIFLEX



■ Detailed information is available to you for the asking. We are delighted to support you in the selection of our modern tooling system for your productivity improvements.

For decades Eppinger has been well known among manufacturing experts for innovation, precision, and dependability.

With our **PRECI-FLEX®** system we have set another milestone in tooling application technology. Take advantage and profit from it.



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# FLEX

## DAMIT WIRD IHR DREHAUTOMAT ZUM GELDAUTOMAT

## TURN YOUR TURNING & MILLING CENTER

## INTO A MONEY MACHINE



# PRECIFLEX

Greifen Sie zu und senken Sie Ihre Stückkosten. PRECI-FLEX® gibt es jetzt als Starter-Kit im attraktiven Koffer. Entscheiden Sie sich für diese neue Dimension im Werkzeugwechsel.

Get on board and reduce your part costs. PRECI-FLEX® is now available in this handy starter kit. A new dimension in tool change is waiting for you.

Größe/Size	Starter Kit	
	Metric	Inch
ER 20	0.000.984	0.001.001
ER 25	0.000.985	0.001.002
ER 32	0.000.986	0.001.003
ER 40	0.000.987	0.001.004
ER 50	0.000.988	0.001.005



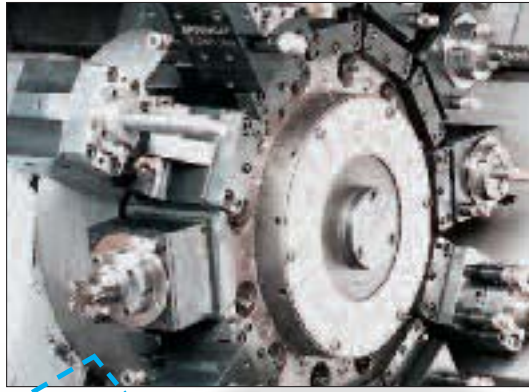
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# FLEX

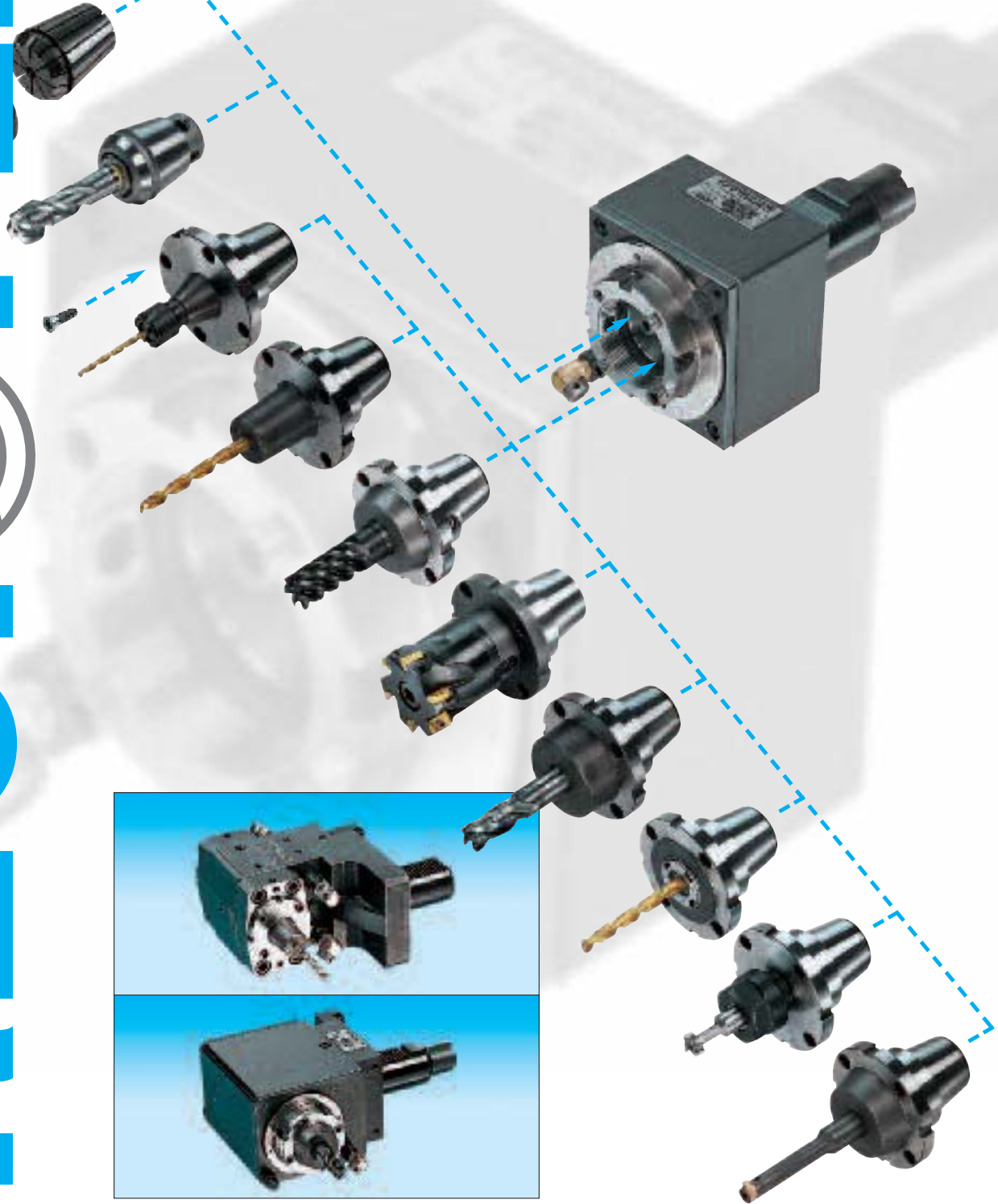


# PRECISION



Das erste Werkzeugsystem,  
das mit einem Grundhalter für  
Spannzange und viele andere  
Werkzeugadapter auskommt.

The first and only tooling system  
using a **single** base holder for collet  
and multiple other tooling adapters.



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®

**FLEX**

THE ORIGINAL

**PREC**

**PRE**

**LASSEN SIE IHRE WERKZEUGKOSTEN DOCH EINFACH SCHRUMPFEN.**

**WHY NOT SIMPLY SHRINK YOUR TOOL COSTS?**

**Die Sensation: Mit ShrinkFit20 wird jetzt die bewährte Schrumpftechnik auch in Dreh- und Fräszentren genützt.**

**The sensation: Taking proven ShrinkFit20 technics to the turning and milling centers.**

**SHRINK FIT 20**



- **Höchste Rundlaufgenauigkeit**
- **Längere Standzeiten**
- **Höhere Schnittdaten**
- **Verbesserte Stabilität**
- **Extrem kompakt**
- **Einfache Bedienung**
  
- **Lowest runout**
- **Longer tool life**
- **Higher cutting speeds**
- **Improved Stability**
- **Extremely compact**
- **Easy to use**



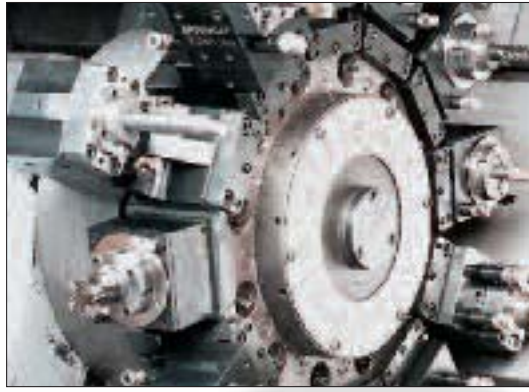
Technische Daten Technical Data	Leistung Performance	Stromanschluss Power connection	Luftanschluss Air input	Schrumpzeit Shrink time	Gewicht Weight
ShrinkFit20	10 kW	AC 3 x 400 V PE/16A/50 - 60 Hz	Druckluft 2 - 6 bar 5 l/min	4 sec	55 kg
ShrinkFit20	10 kW	AC 3 x 400 V PE/16A/50 - 60 Hz	Compressed air 2 - 6 bar 5 l/min	4 sec	55 kg

**EPPINGER**  
SMARTER TOOLING SOLUTIONS

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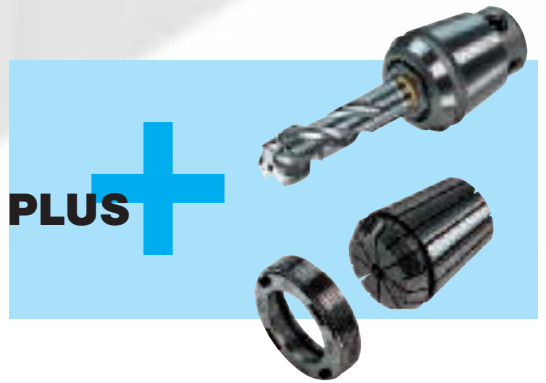
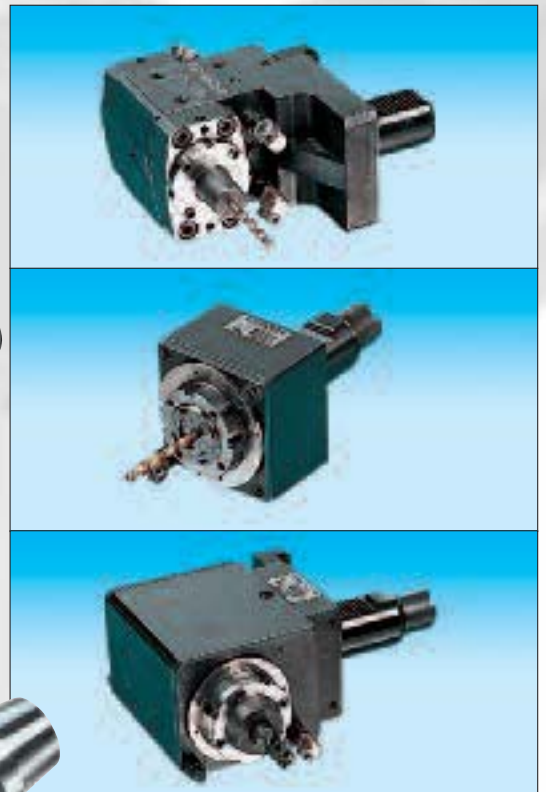


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## **PRECI-FLEX® Technische Merkmale**

### **PRECI-FLEX® Technical Information**

#### **Adapter-Wechsel / Adapter Change**

Verschluss-Schrauben aus Spindel entfernen;  
Konus und Anlagefläche von Adapter und Spindel reinigen;  
Adapter in der Spindel mit 4 Schrauben (2)  
und Sechskantschlüssel (1) befestigen;  
Spindel mit Hakenschlüssel (3) gegenhalten;

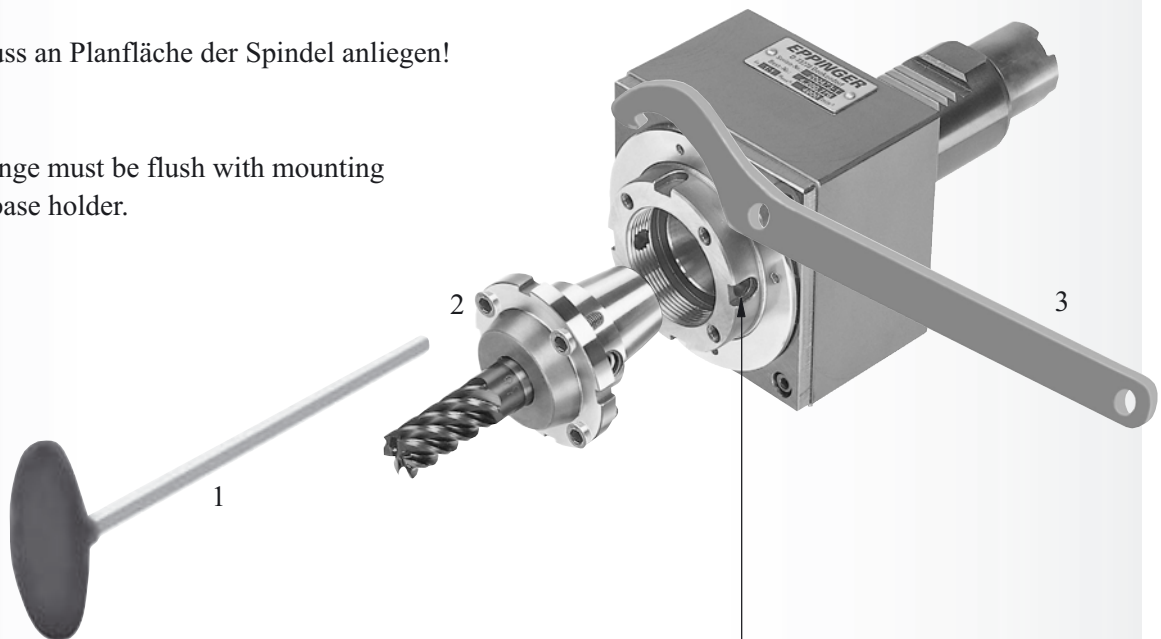
Remove four screws from base holder.  
Wipe taper and flat mounting surface of adapter  
and base holder.  
With T-wrench (1) install and tighten four screws (2)  
using hook wrench (3) to keep spindle from rotating.

**Achtung:**

Adapter muss an Planfläche der Spindel anliegen!

**Caution:**

Adapter flange must be flush with mounting  
surface of base holder.



Werkzeugwechsel ohne Adapter-Wechsel  
Tool Change without removing Adapter